

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$																		--- Marginal Cost of Losses																		--- Marginal Cost of Congestion																		02/04/2025		
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	66.56	64.26	63.83	60.12	62.58	65.43	74.86	78.63	78.93	76.26	73.96	65.48	62.66	65.20	71.21	74.14	80.51	107.92	111.70	103.14	95.32	78.33	76.23	75.82																																	
		2.50	2.29	2.10	1.92	1.88	2.21	3.48	4.72	5.39	4.92	4.39	3.82	3.66	3.75	4.29	4.66	5.85	7.61	7.83	7.51	7.01	4.83	4.15	3.57																																	
		0.00	0.00	0.00	0.00	0.00	0.00	-0.32	-2.35	-1.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.55	-11.90	-12.80	-7.21	-4.82	-1.49	-0.52	-0.90																																	
74TH STREET_GT_1	24260	66.37	64.01	63.65	59.83	62.33	65.18	74.50	78.28	78.49	75.91	73.61	65.36	62.54	65.08	71.00	74.00	80.36	107.83	111.61	102.97	94.98	78.40	76.02	76.04																																	
		2.31	2.04	1.91	1.63	1.64	1.96	3.13	4.36	4.95	4.57	4.04	3.70	3.54	3.63	4.08	4.52	5.71	7.52	7.74	7.34	6.68	4.90	3.94	3.78																																	
		0.00	0.00	0.00	0.00	0.00	0.00	-0.32	-2.35	-1.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.55	-11.90	-12.80	-7.21	-4.82	-1.49	-0.52	-0.90																																	
74TH STREET_GT_2	24261	66.37	64.01	63.65	59.83	62.33	65.18	74.50	78.28	78.49	75.91	73.61	65.36	62.54	65.08	71.00	74.00	80.36	107.83	111.61	102.97	94.98	78.40	76.02	76.04																																	
		2.31	2.04	1.91	1.63	1.64	1.96	3.13	4.36	4.95	4.57	4.04	3.70	3.54	3.63	4.08	4.52	5.71	7.52	7.74	7.34	6.68	4.90	3.94	3.78																																	
		0.00	0.00	0.00	0.00	0.00	0.00	-0.32	-2.35	-1.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.55	-11.90	-12.80	-7.21	-4.82	-1.49	-0.52	-0.90																																	
ADK HUDSON___FALLS	24011	68.68	66.48	66.30	62.51	65.19	67.90	80.24	102.89	96.76	77.12	75.00	66.04	63.02	65.69	71.74	75.12	86.65	152.21	171.61	174.04	142.99	94.74	83.46	87.03																																	
		4.61	4.52	4.57	4.31	4.49	4.68	5.76	6.08	6.17	5.78	5.43	4.38	4.01	4.24	4.82	5.63	6.67	8.49	8.74	8.31	7.85	6.77	6.37	5.99																																	
		0.00	0.00	0.00	0.00	0.00	0.00	-3.43	-25.25	-18.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.88	-55.30	-71.80	-77.31	-51.65	-15.95	-5.53	-9.68																																	
ADK RESOURCE___RCVRY	23798	68.94	66.80	66.55	62.75	65.43	68.15	80.62	103.31	97.15	77.40	75.35	66.22	63.19	65.88	71.87	75.39	87.13	152.90	172.41	174.99	143.77	94.97	83.78	87.29																																	
		4.87	4.84	4.82	4.54	4.74	4.93	6.11	6.37	6.46	6.06	5.77	4.56	4.19	4.43	4.95	5.90	7.11	8.93	9.19	8.84	8.35	6.91	6.66	6.20																																	
		0.00	0.00	0.00	0.00	0.00	0.00	-3.45	-25.39	-18.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.91	-55.55	-72.15	-77.73	-51.93	-16.03	-5.56	-9.73																																	
ADK S GLENS___FALLS	24028	68.68	66.48	66.30	62.51	65.19	67.90	80.24	102.89	96.76	77.12	75.00	66.04	63.02	65.69	71.74	75.12	86.65	152.21	171.61	174.04	142.99	94.74	83.46	87.03																																	
		4.61	4.52	4.57	4.31	4.49	4.68	5.76	6.08	6.17	5.78	5.43	4.38	4.01	4.24	4.82	5.63	6.67	8.49	8.74	8.31	7.85	6.77	6.37	5.99																																	
		0.00	0.00	0.00	0.00	0.00	0.00	-3.43	-25.25	-18.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.88	-55.30	-71.80	-77.31	-51.65	-15.95	-5.53	-9.68																																	
ADK_NYS___DAM	23527	67.46	65.18	64.88	61.23	63.85	66.50	77.62	94.22	90.10	75.91	73.89	65.55	62.66	65.26	71.14	74.00	83.62	137.01	151.45	150.26	126.46	88.18	80.08	82.59																																	
		3.39	3.22	3.15	3.02	3.15	3.29	4.12	4.72	4.95	4.57	4.32	3.89	3.66	3.81	4.22	4.51	5.34	6.81	7.11	6.90	6.26	4.83	4.58	4.35																																	
		0.00	0.00	0.00	0.00	0.00	0.00	-2.44	-17.94	-13.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.18	-41.78	-53.27	-54.94	-36.70	-11.33	-3.93	-6.88																																	
AIR_PRODUCTS___DRP	24190	65.54	63.45	63.21	59.66	62.15	64.61	74.30	84.64	82.28	73.48	71.39	63.33	60.54	63.05	68.60	71.09	78.51	120.17	129.79	124.85	108.26	80.67	75.18	77.39																																	
		1.47	1.49	1.48	1.46	1.46	1.39	1.71	1.79	2.08	2.14	1.81	1.66	1.53	1.60	1.67	1.60	1.78	2.03	2.09	1.86	1.67	1.51	1.15	1.71																																	
		0.00	0.00	0.00	0.00	0.00	0.00	-1.53	-11.29	-8.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.63	-29.71	-36.63	-34.58	-23.10	-7.13	-2.47	-4.33																																	
AKWESSNE_115KV_BK	355683	65.48	63.20	62.97	59.37	61.79	64.29	71.63	71.48	71.28	71.34	69.79	61.66	59.30	61.57	67.06	69.42	73.14	86.21	88.43	86.39	81.99	70.80	71.57	71.64																																	
		1.41	1.24	1.23	1.16	1.09	1.07	0.57	-0.07	-0.50	0.00	0.21	0.00	0.30	0.12	0.13	-0.07	-0.96	-2.21	-2.64	-2.03	-1.50	-1.22	0.00	0.29																																	
		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	68.30	66.23	66.05	62.28	64.83	67.32	76.50	84.21	82.10	75.05	72.71	64.31	61.42	64.09	69.94	72.96	80.27	118.33	126.43	120.30	106.28	81.73	77.75	79.52																																	
		4.23	4.27	4.32	4.07	4.13	4.11	4.26	4.00	3.87	3.71	3.13	2.65	2.42	2.64	3.01	3.47	4.15	5.22	5.56	5.39	5.09	4.25	4.29	4.85																																	
		0.00	0.00	0.00	0.00	0.00	0.00	-1.18	-8.65	-6.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.01	-24.69	-29.81	-26.48	-17.69	-5.46	-1.89	-3.32																																	
ALBANY_2_SOLAR	323834	68.30	66.23	66.05	62.28	64.83	67.32	76.50	84.21	82.10	75.05	72.71	64.31	61.42	64.03	69.94	72.96	80.27	118.33	126.34	120.21	106.28	81.73	77.75	79.52																																	
		4.23	4.27	4.32	4.07	4.13	4.11	4.26	4.00	3.87	3.71	3.13	2.65	2.42	2.58	3.01	3.47	4.15	5.22	5.46	5.30	5.09	4.25	4.29	4.85																																	
		0.00	0.00	0.00	0.00	0.00	0.00	-1.18	-8.65	-6.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.01	-24.69	-29.81	-26.48	-17.69	-5.46	-1.89	-3.32																																	
ALBANY___1	23571	65.54	63.45	63.21	59.66	62.15	64.61	74.30	84.64	82.28	73.48	71.39	63.33	60.54	63.05	68.60	71.09	78.51	120.17	129.79	124.85	108.26	80.67	75.18	77.39																																	
		1.47	1.49	1.48	1.46	1.46	1.39	1.71	1.79	2.08	2.14	1.81	1.66	1.53	1.60	1.67	1.60	1.78	2.03	2.09	1.86	1.67	1.51	1.15	1.71																																	
		0.00	0.00	0.00	0.00	0.00	0.00	-1.53	-11.29	-8.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.63	-29.71	-36.63	-34.58	-23.10	-7.13	-2.47	-4.33																																	

ALBANY___2 23572	65.54 1.47 0.00	63.45 1.49 0.00	63.21 1.48 0.00	59.66 1.46 0.00	62.15 1.46 0.00	64.61 1.39 0.00	74.30 1.71 -1.53	84.64 1.79 -11.29	82.28 2.08 -8.41	73.48 2.14 0.00	71.39 1.81 0.00	63.33 1.66 0.00	60.54 1.53 0.00	63.05 1.60 0.00	68.60 1.67 0.00	71.09 1.60 0.00	78.51 1.78 -2.63	120.17 2.03 -29.71	129.79 2.09 -36.63	124.85 1.86 -34.58	108.26 1.67 -23.10	80.67 1.51 -7.13	75.18 1.15 -2.47	77.39 1.71 -4.33
ALBANY___3 23573	65.54 1.47 0.00	63.45 1.49 0.00	63.21 1.48 0.00	59.66 1.46 0.00	62.15 1.46 0.00	64.61 1.39 0.00	74.30 1.71 -1.53	84.64 1.79 -11.29	82.28 2.08 -8.41	73.48 2.14 0.00	71.39 1.81 0.00	63.33 1.66 0.00	60.54 1.53 0.00	63.05 1.60 0.00	68.60 1.67 0.00	71.09 1.60 0.00	78.51 1.78 -2.63	120.17 2.03 -29.71	129.79 2.09 -36.63	124.85 1.86 -34.58	108.26 1.67 -23.10	80.67 1.51 -7.13	75.18 1.15 -2.47	77.39 1.71 -4.33
ALBANY___4 23574	65.54 1.47 0.00	63.45 1.49 0.00	63.21 1.48 0.00	59.66 1.46 0.00	62.15 1.46 0.00	64.61 1.39 0.00	74.30 1.71 -1.53	84.64 1.79 -11.29	82.28 2.08 -8.41	73.48 2.14 0.00	71.39 1.81 0.00	63.33 1.66 0.00	60.54 1.53 0.00	63.05 1.60 0.00	68.60 1.67 0.00	71.09 1.60 0.00	78.51 1.78 -2.63	120.17 2.03 -29.71	129.79 2.09 -36.63	124.85 1.86 -34.58	108.26 1.67 -23.10	80.67 1.51 -7.13	75.18 1.15 -2.47	77.39 1.71 -4.33
ALBANY___LFGE 323615	65.99 1.92 0.00	63.88 1.92 0.00	63.65 1.92 0.00	60.01 1.81 0.00	62.58 1.88 0.00	65.05 1.83 0.00	75.53 2.27 -2.19	90.07 2.36 -16.15	86.47 2.66 -12.03	74.05 2.71 0.00	72.01 2.43 0.00	63.82 2.16 0.00	61.01 2.01 0.00	63.54 2.09 0.00	69.20 2.28 0.00	71.78 2.29 0.00	80.46 2.59 -3.76	130.03 3.01 -38.60	143.02 3.10 -48.86	140.79 2.91 -49.45	119.12 2.59 -33.04	84.31 2.09 -10.20	77.10 2.00 -3.54	79.90 2.35 -6.19
ALCOA_PA_115KV_PL-6C 55860	65.80 1.73 0.00	63.51 1.55 0.00	63.21 1.48 0.00	59.83 1.63 0.00	62.03 1.34 0.00	64.55 1.33 0.00	71.91 0.85 0.00	71.70 0.14 0.00	71.57 -0.22 0.00	71.63 0.29 0.00	70.06 0.49 0.00	61.85 0.18 0.00	59.71 0.71 0.00	61.76 0.31 0.00	67.32 0.40 0.00	69.63 0.14 0.00	73.37 -0.74 0.00	86.39 -2.03 0.00	88.33 -2.73 0.00	86.65 -1.77 0.00	82.24 -1.25 0.00	71.08 -0.94 0.00	71.92 0.36 0.00	72.07 0.71 0.00
ALCOA_RYNLDS___DRP 24188	65.80 1.73 0.00	63.51 1.55 0.00	63.21 1.48 0.00	59.83 1.63 0.00	62.03 1.34 0.00	64.55 1.33 0.00	71.91 0.85 0.00	71.70 0.14 0.00	71.57 -0.22 0.00	71.63 0.29 0.00	70.06 0.49 0.00	61.85 0.18 0.00	59.71 0.71 0.00	61.76 0.31 0.00	67.32 0.40 0.00	69.63 0.14 0.00	73.37 -0.74 0.00	86.39 -2.03 0.00	88.33 -2.73 0.00	86.65 -1.77 0.00	82.24 -1.25 0.00	71.08 -0.94 0.00	71.92 0.36 0.00	72.07 0.71 0.00
ALCOA___DSASP 323711	65.80 1.73 0.00	63.51 1.55 0.00	63.28 1.54 0.00	59.71 1.51 0.00	62.03 1.33 0.00	64.55 1.33 0.00	71.91 0.86 0.00	71.70 0.14 0.00	71.57 -0.21 0.00	71.63 0.29 0.00	70.07 0.49 0.00	61.85 0.19 0.00	59.71 0.71 0.00	61.76 0.31 0.00	67.33 0.40 0.00	69.63 0.14 0.00	73.37 -0.74 0.00	86.39 -2.03 0.00	88.34 -2.73 0.00	86.47 -1.95 0.00	82.24 -1.25 0.00	71.73 -0.29 0.00	71.93 0.36 0.00	72.14 0.79 0.00
ALLEGHENY___COGEN 23514	61.12 -2.95 0.00	58.87 -3.10 0.00	59.08 -2.65 0.00	55.58 -2.62 0.00	58.39 -2.31 0.00	60.88 -2.34 0.00	69.07 -1.99 0.00	69.20 -2.36 0.00	68.77 -3.01 0.00	67.35 -3.99 0.00	65.33 -4.25 0.00	57.59 -4.07 0.00	54.82 -4.19 0.00	57.39 -4.06 0.00	61.83 -5.09 0.00	65.53 -3.96 0.00	70.92 -3.18 0.00	89.36 -1.42 -2.36	92.75 -0.45 -2.14	87.27 -1.15 0.00	81.73 -1.76 0.00	70.87 -1.16 0.00	70.14 -1.43 0.00	69.99 -1.36 0.00
ALTAMONT_115KV_TB 2 55880	65.67 1.60 0.00	63.63 1.67 0.00	63.34 1.61 0.00	59.77 1.57 0.00	62.27 1.58 0.00	64.80 1.58 0.00	74.27 1.99 -1.22	82.85 2.29 -9.00	81.00 2.51 -6.70	73.63 2.28 0.00	71.66 2.09 0.00	63.57 1.91 0.00	60.77 1.77 0.00	63.30 1.84 0.00	69.00 2.07 0.00	71.71 2.22 0.00	78.87 2.67 -2.10	117.43 3.45 -25.56	125.60 3.64 -30.90	119.35 3.36 -27.57	105.00 3.09 -18.42	80.23 2.52 -5.69	75.68 2.15 -1.97	77.02 2.21 -3.45
ALTONA_WT_PWR 323606	65.99 1.92 0.00	63.51 1.55 0.00	63.28 1.54 0.00	59.54 1.34 0.00	61.85 1.15 0.00	64.29 1.07 0.00	71.06 0.00 0.00	70.70 -0.86 0.00	70.28 -1.51 0.00	70.06 -1.28 0.00	68.25 -1.32 0.00	60.24 -1.42 0.00	57.94 -1.06 0.00	60.16 -1.29 0.00	65.58 -1.34 0.00	67.96 -1.53 0.00	71.81 -2.30 0.00	84.71 -3.71 0.00	86.97 -4.10 0.00	84.88 -3.54 0.00	80.90 -2.59 0.00	70.58 -1.44 0.00	70.92 -0.65 0.00	71.86 0.50 0.00
AMERICAN_REF_FUEL 24010	57.85 -6.21 0.00	55.71 -6.26 0.00	55.93 -5.81 0.00	52.67 -5.53 0.00	55.29 -5.40 0.00	57.65 -5.56 0.00	64.45 -6.61 0.00	63.54 -8.01 0.00	63.32 -8.47 0.00	62.28 -9.06 0.00	61.09 -8.49 0.00	54.32 -7.34 0.00	51.69 -7.32 0.00	54.32 -7.13 0.00	58.02 -8.90 0.00	61.01 -8.48 0.00	64.77 -9.34 0.00	81.15 -9.37 -2.10	83.78 -9.19 -1.91	79.22 -9.20 0.00	74.39 -9.10 0.00	64.97 -7.06 0.00	64.70 -6.87 0.00	65.14 -6.21 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	61.19 -2.88 0.00	58.99 -2.97 0.00	59.14 -2.59 0.00	55.58 -2.62 0.00	58.27 -2.43 0.00	60.82 -2.40 0.00	68.36 -2.70 0.00	67.48 -4.08 0.00	67.19 -4.60 0.00	65.63 -5.71 0.00	64.01 -5.57 0.00	56.91 -4.75 0.00	54.17 -4.84 0.00	56.78 -4.67 0.00	60.77 -6.16 0.00	64.07 -5.42 0.00	68.55 -5.56 0.00	86.59 -4.15 -2.33	89.62 -3.55 -2.11	84.62 -3.80 0.00	79.48 -4.01 0.00	69.28 -2.74 0.00	68.85 -2.72 0.00	69.35 -2.00 0.00
ARTHUR KILL_GT_1 23520	65.54 1.47 0.00	55.32 1.17 7.82	55.21 0.93 7.45	55.21 0.75 3.74	55.14 0.61 6.16	55.20 0.95 8.97	73.36 1.99 -0.32	77.20 3.29 -2.35	77.56 4.02 -1.75	54.57 3.57 20.34	57.81 3.06 14.82	56.83 3.14 7.97	54.83 3.01 7.19	56.79 3.01 7.68	58.09 3.54 12.38	73.31 3.82 0.00	92.57 5.19 -13.28	116.18 6.98 -20.78	120.74 7.29 -22.39	114.28 6.98 -18.88	109.00 6.09 -19.42	90.48 3.74 -14.72	75.16 3.08 -0.52	74.61 2.35 -0.90
ARTHUR_KILL_2 23512	65.42 1.35 0.00	55.13 0.99 7.82	55.08 0.80 7.45	55.04 0.58 3.74	55.02 0.48 6.16	55.01 0.76 8.97	73.15 1.78 -0.32	76.99 3.07 -2.35	77.34 3.80 -1.75	54.35 3.35 20.34	57.61 2.85 14.82	56.65 2.96 7.97	54.65 2.83 7.19	56.60 2.83 7.68	57.89 3.34 12.38	73.10 3.61 0.00	92.35 4.97 -13.28	115.92 6.72 -20.78	120.47 7.01 -22.39	114.02 6.72 -18.88	108.67 5.76 -19.42	90.27 3.53 -14.72	74.95 2.87 -0.52	74.39 2.14 -0.90
ARTHUR_KILL_3 23513	55.44 1.54 10.16	55.44 1.30 7.82	55.44 1.17 7.46	55.44 0.99 3.75	55.44 0.91 6.17	55.44 1.20 8.98	55.44 2.27 17.89	56.26 3.51 18.80	54.70 4.16 21.25	54.70 3.71 20.35	57.95 3.20 14.83	56.70 3.02 7.98	54.70 2.89 7.19	56.66 2.89 7.68	57.95 3.41 12.38	57.95 3.75 15.29	55.70 4.89 23.30	65.44 6.45 29.43	70.54 6.64 27.17	65.05 6.37 29.74	61.19 5.59 27.89	59.05 3.53 16.50	55.70 2.94 18.80	54.94 2.35 18.76

ARTHUR_KILL_COGEN 323718	65.54 1.47 0.00	55.32 1.17 7.82	55.21 0.93 7.45	55.21 0.75 3.74	55.14 0.61 6.16	55.20 0.95 8.97	73.36 1.99 -0.32	77.20 3.29 -2.35	77.56 4.02 -1.75	54.57 3.57 20.34	57.81 3.06 14.82	56.83 3.14 7.97	54.83 3.01 7.19	56.79 3.01 7.68	58.09 3.54 12.38	73.31 3.82 0.00	92.57 5.19 -13.28	116.18 6.98 -20.78	120.74 7.29 -22.39	114.28 6.98 -18.88	109.00 6.09 -19.42	90.48 3.74 -14.72	75.16 3.08 -0.52	74.61 2.35 -0.90
ASHOKAN____ 23654	67.14 3.08 0.00	64.94 2.97 0.00	64.70 2.96 0.00	61.00 2.79 0.00	63.43 2.73 0.00	66.19 2.97 0.00	73.20 1.28 -0.86	79.27 1.36 -6.35	78.38 1.86 -4.73	74.12 2.78 0.00	71.74 2.16 0.00	63.69 2.03 0.00	60.89 1.89 0.00	63.60 2.15 0.00	69.60 2.68 0.00	72.69 3.20 0.00	77.96 2.37 -1.48	112.23 3.80 -20.01	118.66 4.00 -23.59	111.76 3.89 -19.46	99.91 3.42 -13.00	77.76 1.73 -4.01	74.10 1.14 -1.39	75.22 1.43 -2.44
ASTORIA_EAST_ENERGY_CC1 323581	65.86 1.79 0.00	63.39 1.43 0.00	62.97 1.23 0.00	59.13 0.93 0.00	61.55 0.85 0.00	64.23 1.01 0.00	73.44 2.06 -0.32	77.27 3.36 -2.35	77.62 4.09 -1.74	74.97 3.64 0.01	72.84 3.27 0.01	64.92 3.27 0.01	62.06 3.07 0.01	64.58 3.13 0.01	70.53 3.61 0.01	73.44 3.96 0.01	79.76 5.11 -0.54	107.03 6.72 -11.89	110.87 7.01 -12.79	102.26 6.63 -7.20	94.05 5.76 -4.81	77.24 3.74 -1.48	75.38 3.29 -0.52	75.11 2.86 -0.90
ASTORIA_EAST_ENERGY_CC2 323582	65.86 1.79 0.00	63.39 1.43 0.00	62.97 1.23 0.00	59.13 0.93 0.00	61.55 0.85 0.00	64.23 1.01 0.00	73.44 2.06 -0.32	77.27 3.36 -2.35	77.62 4.09 -1.74	74.97 3.64 0.01	72.84 3.27 0.01	64.92 3.27 0.01	62.06 3.07 0.01	64.58 3.13 0.01	70.53 3.61 0.01	73.44 3.96 0.01	79.76 5.11 -0.54	107.03 6.72 -11.89	110.87 7.01 -12.79	102.26 6.63 -7.20	94.05 5.76 -4.81	77.24 3.74 -1.48	75.38 3.29 -0.52	75.11 2.86 -0.90
ASTORIA_GT2_1 24094	65.99 1.92 0.00	63.45 1.49 0.00	63.03 1.30 0.00	59.13 0.93 0.00	61.55 0.85 0.00	64.29 1.07 0.00	73.51 2.13 -0.32	77.34 3.43 -2.35	77.63 4.09 -1.75	75.05 3.71 0.00	72.92 3.34 0.00	64.81 3.14 0.00	62.07 3.07 0.00	64.52 3.07 0.00	70.34 3.41 0.00	73.38 3.89 0.00	79.69 5.04 -0.55	107.13 6.81 -11.90	110.88 7.01 -12.80	102.26 6.63 -7.21	94.23 5.93 -4.82	77.68 4.18 -1.49	75.23 3.15 -0.52	75.61 3.35 -0.90
ASTORIA_GT2_2 24095	65.99 1.92 0.00	63.45 1.49 0.00	63.03 1.30 0.00	59.13 0.93 0.00	61.55 0.85 0.00	64.29 1.07 0.00	73.51 2.13 -0.32	77.34 3.43 -2.35	77.63 4.09 -1.75	75.05 3.71 0.00	72.92 3.34 0.00	64.81 3.14 0.00	62.07 3.07 0.00	64.52 3.07 0.00	70.34 3.41 0.00	73.38 3.89 0.00	79.69 5.04 -0.55	107.13 6.81 -11.90	110.88 7.01 -12.80	102.26 6.63 -7.21	94.23 5.93 -4.82	77.68 4.18 -1.49	75.23 3.15 -0.52	75.61 3.35 -0.90
ASTORIA_GT2_3 24096	65.99 1.92 0.00	63.45 1.49 0.00	63.03 1.30 0.00	59.13 0.93 0.00	61.55 0.85 0.00	64.29 1.07 0.00	73.51 2.13 -0.32	77.34 3.43 -2.35	77.63 4.09 -1.75	75.05 3.71 0.00	72.92 3.34 0.00	64.81 3.14 0.00	62.07 3.07 0.00	64.52 3.07 0.00	70.34 3.41 0.00	73.38 3.89 0.00	79.69 5.04 -0.55	107.13 6.81 -11.90	110.88 7.01 -12.80	102.26 6.63 -7.21	94.23 5.93 -4.82	77.68 4.18 -1.49	75.23 3.15 -0.52	75.61 3.35 -0.90
ASTORIA_GT2_4 24097	65.99 1.92 0.00	63.45 1.49 0.00	63.03 1.30 0.00	59.13 0.93 0.00	61.55 0.85 0.00	64.29 1.07 0.00	73.51 2.13 -0.32	77.34 3.43 -2.35	77.63 4.09 -1.75	75.05 3.71 0.00	72.92 3.34 0.00	64.81 3.14 0.00	62.07 3.07 0.00	64.52 3.07 0.00	70.34 3.41 0.00	73.38 3.89 0.00	79.69 5.04 -0.55	107.13 6.81 -11.90	110.88 7.01 -12.80	102.26 6.63 -7.21	94.23 5.93 -4.82	77.68 4.18 -1.49	75.23 3.15 -0.52	75.61 3.35 -0.90
ASTORIA_GT3_1 24098	65.99 1.92 0.00	63.45 1.49 0.00	63.03 1.30 0.00	59.13 0.93 0.00	61.55 0.85 0.00	64.29 1.07 0.00	73.51 2.13 -0.32	77.34 3.43 -2.35	77.63 4.09 -1.75	75.05 3.71 0.00	72.92 3.34 0.00	64.81 3.14 0.00	62.07 3.07 0.00	64.52 3.07 0.00	70.34 3.41 0.00	73.38 3.89 0.00	79.69 5.04 -0.55	107.13 6.81 -11.90	110.88 7.01 -12.80	102.26 6.63 -7.21	94.23 5.93 -4.82	77.68 4.18 -1.49	75.23 3.15 -0.52	75.61 3.35 -0.90
ASTORIA_GT3_2 24099	65.99 1.92 0.00	63.45 1.49 0.00	63.03 1.30 0.00	59.13 0.93 0.00	61.55 0.85 0.00	64.29 1.07 0.00	73.51 2.13 -0.32	77.34 3.43 -2.35	77.63 4.09 -1.75	75.05 3.71 0.00	72.92 3.34 0.00	64.81 3.14 0.00	62.07 3.07 0.00	64.52 3.07 0.00	70.34 3.41 0.00	73.38 3.89 0.00	79.69 5.04 -0.55	107.13 6.81 -11.90	110.88 7.01 -12.80	102.26 6.63 -7.21	94.23 5.93 -4.82	77.68 4.18 -1.49	75.23 3.15 -0.52	75.61 3.35 -0.90
ASTORIA_GT3_3 24100	65.99 1.92 0.00	63.45 1.49 0.00	63.03 1.30 0.00	59.13 0.93 0.00	61.55 0.85 0.00	64.29 1.07 0.00	73.51 2.13 -0.32	77.34 3.43 -2.35	77.63 4.09 -1.75	75.05 3.71 0.00	72.92 3.34 0.00	64.81 3.14 0.00	62.07 3.07 0.00	64.52 3.07 0.00	70.34 3.41 0.00	73.38 3.89 0.00	79.69 5.04 -0.55	107.13 6.81 -11.90	110.88 7.01 -12.80	102.26 6.63 -7.21	94.23 5.93 -4.82	77.68 4.18 -1.49	75.23 3.15 -0.52	75.61 3.35 -0.90
ASTORIA_GT3_4 24101	65.99 1.92 0.00	63.45 1.49 0.00	63.03 1.30 0.00	59.13 0.93 0.00	61.55 0.85 0.00	64.29 1.07 0.00	73.51 2.13 -0.32	77.34 3.43 -2.35	77.63 4.09 -1.75	75.05 3.71 0.00	72.92 3.34 0.00	64.81 3.14 0.00	62.07 3.07 0.00	64.52 3.07 0.00	70.34 3.41 0.00	73.38 3.89 0.00	79.69 5.04 -0.55	107.13 6.81 -11.90	110.88 7.01 -12.80	102.26 6.63 -7.21	94.23 5.93 -4.82	77.68 4.18 -1.49	75.23 3.15 -0.52	75.61 3.35 -0.90
ASTORIA_GT4_1 24102	65.99 1.92 0.00	63.45 1.49 0.00	63.03 1.30 0.00	59.13 0.93 0.00	61.55 0.85 0.00	64.29 1.07 0.00	73.51 2.13 -0.32	77.34 3.43 -2.35	77.63 4.09 -1.75	75.05 3.71 0.00	72.92 3.34 0.00	64.81 3.14 0.00	62.07 3.07 0.00	64.52 3.07 0.00	70.34 3.41 0.00	73.38 3.89 0.00	79.69 5.04 -0.55	107.13 6.81 -11.90	110.88 7.01 -12.80	102.26 6.63 -7.21	94.23 5.93 -4.82	77.68 4.18 -1.49	75.23 3.15 -0.52	75.61 3.35 -0.90
ASTORIA_GT4_2 24103	65.99 1.92 0.00	63.45 1.49 0.00	63.03 1.30 0.00	59.13 0.93 0.00	61.55 0.85 0.00	64.29 1.07 0.00	73.51 2.13 -0.32	77.34 3.43 -2.35	77.63 4.09 -1.75	75.05 3.71 0.00	72.92 3.34 0.00	64.81 3.14 0.00	62.07 3.07 0.00	64.52 3.07 0.00	70.34 3.41 0.00	73.38 3.89 0.00	79.69 5.04 -0.55	107.13 6.81 -11.90	110.88 7.01 -12.80	102.26 6.63 -7.21	94.23 5.93 -4.82	77.68 4.18 -1.49	75.23 3.15 -0.52	75.61 3.35 -0.90
ASTORIA_GT4_3 24104	65.99 1.92 0.00	63.45 1.49 0.00	63.03 1.30 0.00	59.13 0.93 0.00	61.55 0.85 0.00	64.29 1.07 0.00	73.51 2.13 -0.32	77.34 3.43 -2.35	77.63 4.09 -1.75	75.05 3.71 0.00	72.92 3.34 0.00	64.81 3.14 0.00	62.07 3.07 0.00	64.52 3.07 0.00	70.34 3.41 0.00	73.38 3.89 0.00	79.69 5.04 -0.55	107.13 6.81 -11.90	110.88 7.01 -12.80	102.26 6.63 -7.21	94.23 5.93 -4.82	77.68 4.18 -1.49	75.23 3.15 -0.52	75.61 3.35 -0.90

ASTORIA_GT4_4 24105	65.99 1.92 0.00	63.45 1.49 0.00	63.03 1.30 0.00	59.13 0.93 0.00	61.55 0.85 0.00	64.29 1.07 0.00	73.51 2.13 -0.32	77.34 3.43 -2.35	77.63 4.09 -1.75	75.05 3.71 0.00	72.92 3.34 0.00	64.81 3.14 0.00	62.07 3.07 0.00	64.52 3.07 0.00	70.34 3.41 0.00	73.38 3.89 0.00	79.69 5.04 -0.55	107.13 6.81 -11.90	110.88 7.01 -12.80	102.26 6.63 -7.21	94.23 5.93 -4.82	77.68 4.18 -1.49	75.23 3.15 -0.52	75.61 3.35 -0.90
ASTORIA_GT_1 23523	66.06 1.99 0.00	63.51 1.55 0.00	63.09 1.36 0.00	59.25 1.05 0.00	61.66 0.97 0.00	64.36 1.14 0.00	73.58 2.21 -0.32	77.48 3.58 -2.35	77.84 4.31 -1.74	75.18 3.85 0.01	73.05 3.48 0.01	65.04 3.39 0.01	62.24 3.24 0.01	64.70 3.25 0.01	70.73 3.81 0.01	73.65 4.17 0.01	79.91 5.26 -0.54	107.29 6.98 -11.89	111.05 7.19 -12.79	102.52 6.90 -7.20	94.31 6.01 -4.81	77.46 3.96 -1.48	75.59 3.51 -0.52	75.25 3.00 -0.90
ASTORIA_GT_10 24110	65.99 1.92 0.00	63.57 1.61 0.00	63.15 1.42 0.00	59.37 1.16 0.00	61.79 1.09 0.00	64.61 1.39 0.00	73.86 2.49 -0.32	77.63 3.72 -2.35	77.92 4.38 -1.75	75.34 4.00 0.00	73.06 3.48 0.00	64.99 3.33 0.00	62.19 3.19 0.00	64.71 3.26 0.00	70.54 3.61 0.00	73.52 4.03 0.00	79.99 5.34 -0.55	107.39 7.07 -11.90	111.25 7.38 -12.80	102.52 6.90 -7.21	94.48 6.18 -4.82	77.97 4.47 -1.49	75.44 3.36 -0.52	75.54 3.28 -0.90
ASTORIA_GT_11 24225	65.99 1.92 0.00	63.57 1.61 0.00	63.15 1.42 0.00	59.37 1.16 0.00	61.79 1.09 0.00	64.61 1.39 0.00	73.86 2.49 -0.32	77.63 3.72 -2.35	77.92 4.38 -1.75	75.34 4.00 0.00	73.06 3.48 0.00	64.99 3.33 0.00	62.19 3.19 0.00	64.71 3.26 0.00	70.54 3.61 0.00	73.52 4.03 0.00	79.99 5.34 -0.55	107.39 7.07 -11.90	111.25 7.38 -12.80	102.52 6.90 -7.21	94.48 6.18 -4.82	77.97 4.47 -1.49	75.44 3.36 -0.52	75.54 3.28 -0.90
ASTORIA_GT_12 24226	65.99 1.92 0.00	63.57 1.61 0.00	63.15 1.42 0.00	59.37 1.16 0.00	61.79 1.09 0.00	64.61 1.39 0.00	73.86 2.49 -0.32	77.63 3.72 -2.35	77.92 4.38 -1.75	75.34 4.00 0.00	73.06 3.48 0.00	64.99 3.33 0.00	62.19 3.19 0.00	64.71 3.26 0.00	70.54 3.61 0.00	73.52 4.03 0.00	79.99 5.34 -0.55	107.39 7.07 -11.90	111.25 7.38 -12.80	102.52 6.90 -7.21	94.48 6.18 -4.82	77.97 4.47 -1.49	75.44 3.36 -0.52	75.54 3.28 -0.90
ASTORIA_GT_13 24227	65.99 1.92 0.00	63.57 1.61 0.00	63.15 1.42 0.00	59.37 1.16 0.00	61.79 1.09 0.00	64.61 1.39 0.00	73.86 2.49 -0.32	77.63 3.72 -2.35	77.92 4.38 -1.75	75.34 4.00 0.00	73.06 3.48 0.00	64.99 3.33 0.00	62.19 3.19 0.00	64.71 3.26 0.00	70.54 3.61 0.00	73.52 4.03 0.00	79.99 5.34 -0.55	107.39 7.07 -11.90	111.25 7.38 -12.80	102.52 6.90 -7.21	94.48 6.18 -4.82	77.97 4.47 -1.49	75.44 3.36 -0.52	75.54 3.28 -0.90
ASTORIA_GT_5 24106	66.05 1.99 0.00	63.57 1.61 0.00	63.09 1.36 0.00	59.25 1.05 0.00	61.67 0.97 0.00	64.36 1.14 0.00	73.58 2.20 -0.32	77.49 3.58 -2.35	77.85 4.31 -1.75	75.19 3.85 0.00	73.06 3.48 0.00	64.93 3.27 0.00	62.19 3.19 0.00	64.65 3.20 0.00	70.47 3.55 0.00	73.52 4.03 0.00	79.84 5.19 -0.55	107.30 6.99 -11.90	111.06 7.19 -12.80	102.44 6.81 -7.21	94.40 6.09 -4.82	77.83 4.32 -1.49	75.37 3.29 -0.52	75.75 3.50 -0.90
ASTORIA_GT_7 24107	66.05 1.99 0.00	63.57 1.61 0.00	63.09 1.36 0.00	59.25 1.05 0.00	61.67 0.97 0.00	64.36 1.14 0.00	73.58 2.20 -0.32	77.49 3.58 -2.35	77.85 4.31 -1.75	75.19 3.85 0.00	73.06 3.48 0.00	64.93 3.27 0.00	62.19 3.19 0.00	64.65 3.20 0.00	70.47 3.55 0.00	73.52 4.03 0.00	79.84 5.19 -0.55	107.30 6.99 -11.90	111.06 7.19 -12.80	102.44 6.81 -7.21	94.40 6.09 -4.82	77.83 4.32 -1.49	75.37 3.29 -0.52	75.75 3.50 -0.90
ASTORIA_GT_8 24108	66.05 1.99 0.00	63.57 1.61 0.00	63.09 1.36 0.00	59.25 1.05 0.00	61.67 0.97 0.00	64.36 1.14 0.00	73.58 2.20 -0.32	77.49 3.58 -2.35	77.85 4.31 -1.75	75.19 3.85 0.00	73.06 3.48 0.00	64.93 3.27 0.00	62.19 3.19 0.00	64.65 3.20 0.00	70.47 3.55 0.00	73.52 4.03 0.00	79.84 5.19 -0.55	107.30 6.99 -11.90	111.06 7.19 -12.80	102.44 6.81 -7.21	94.40 6.09 -4.82	77.83 4.32 -1.49	75.37 3.29 -0.52	75.75 3.50 -0.90
ASTORIA___2 24149	65.93 1.86 0.00	63.45 1.48 0.00	62.97 1.23 0.00	59.19 0.99 0.00	61.55 0.85 0.00	64.29 1.07 0.00	73.51 2.13 -0.32	77.34 3.43 -2.35	77.62 4.09 -1.74	75.04 3.71 0.01	72.91 3.34 0.01	64.92 3.27 0.01	62.12 3.13 0.01	64.58 3.13 0.01	70.59 3.68 0.01	73.51 4.03 0.01	79.76 5.11 -0.54	107.12 6.81 -11.89	110.87 7.01 -12.79	102.34 6.72 -7.20	94.14 5.84 -4.81	77.31 3.81 -1.48	75.45 3.36 -0.52	75.11 2.86 -0.90
ASTORIA___3 23516	65.93 1.86 0.00	63.51 1.55 0.00	63.09 1.36 0.00	59.37 1.16 0.00	61.79 1.09 0.00	64.61 1.39 0.00	73.86 2.49 -0.32	77.63 3.72 -2.35	77.92 4.38 -1.75	75.34 3.99 0.00	73.06 3.48 0.00	65.05 3.39 0.00	62.25 3.24 0.00	64.71 3.25 0.00	70.74 3.81 0.00	73.66 4.17 0.00	79.99 5.34 -0.55	107.39 7.08 -11.90	111.24 7.37 -12.80	102.61 6.98 -7.21	94.40 6.09 -4.82	77.47 3.96 -1.49	75.52 3.44 -0.52	75.11 2.86 -0.90
ASTORIA___4 23517	65.99 1.92 0.00	63.57 1.61 0.00	63.15 1.42 0.00	59.37 1.16 0.00	61.79 1.09 0.00	64.61 1.39 0.00	73.86 2.49 -0.32	77.63 3.72 -2.35	77.92 4.38 -1.75	75.34 4.00 0.00	73.06 3.48 0.00	64.99 3.33 0.00	62.19 3.19 0.00	64.71 3.26 0.00	70.54 3.61 0.00	73.52 4.03 0.00	79.99 5.34 -0.55	107.39 7.07 -11.90	111.25 7.38 -12.80	102.52 6.90 -7.21	94.48 6.18 -4.82	77.97 4.47 -1.49	75.44 3.36 -0.52	75.54 3.28 -0.90
ASTORIA___5 23518	65.93 1.86 0.00	63.51 1.55 0.00	63.09 1.36 0.00	59.37 1.16 0.00	61.79 1.09 0.00	64.61 1.39 0.00	73.86 2.49 -0.32	77.63 3.72 -2.35	77.92 4.38 -1.75	75.34 3.99 0.00	73.06 3.48 0.00	65.05 3.39 0.00	62.25 3.24 0.00	64.71 3.25 0.00	70.74 3.81 0.00	73.66 4.17 0.00	79.99 5.34 -0.55	107.39 7.08 -11.90	111.24 7.37 -12.80	102.61 6.98 -7.21	94.40 6.09 -4.82	77.47 3.96 -1.49	75.52 3.44 -0.52	75.11 2.86 -0.90
AST_ENERGY_2_CC3 323677	57.52 1.73 8.28	55.52 1.55 7.99	55.52 1.36 7.57	55.52 1.22 3.91	55.52 1.15 6.33	55.52 1.46 9.15	55.52 2.55 18.09	55.52 3.79 19.83	55.52 4.38 20.65	55.52 3.92 19.74	72.97 3.41 0.02	64.85 3.20 0.02	62.00 3.01 0.02	64.51 3.07 0.02	70.52 3.61 0.02	73.43 3.96 0.02	79.75 5.11 -0.53	92.66 6.72 2.48	92.53 6.92 5.45	87.04 6.63 8.01	83.18 5.93 6.24	77.38 3.89 -1.47	75.30 3.22 -0.51	74.97 2.71 -0.90
AST_ENERGY_2_CC4 323678	57.52 1.73 8.28	55.52 1.55 7.99	55.52 1.36 7.57	55.52 1.22 3.91	55.52 1.15 6.33	55.52 1.46 9.15	55.52 2.55 18.09	55.52 3.79 19.83	55.52 4.38 20.65	55.52 3.92 19.74	72.97 3.41 0.02	64.85 3.20 0.02	62.00 3.01 0.02	64.51 3.07 0.02	70.52 3.61 0.02	73.43 3.96 0.02	79.75 5.11 -0.53	92.66 6.72 2.48	92.53 6.92 5.45	87.04 6.63 8.01	83.18 5.93 6.24	77.38 3.89 -1.47	75.30 3.22 -0.51	74.97 2.71 -0.90

ATHENS_STG_1 23668	65.60 1.54 0.00	63.57 1.61 0.00	63.28 1.54 0.00	59.66 1.46 0.00	62.15 1.45 0.00	64.73 1.51 0.00	73.36 2.06 -0.24	75.97 2.65 -1.77	76.05 2.94 -1.31	73.98 2.64 0.00	71.94 2.37 0.00	63.88 2.22 0.00	61.13 2.12 0.00	63.60 2.15 0.00	69.40 2.48 0.00	72.13 2.64 0.00	77.85 3.34 -0.41	104.40 4.42 -11.56	107.61 4.55 -11.99	98.24 4.42 -5.40	91.03 3.92 -3.61	75.87 2.74 -1.11	74.39 2.43 -0.39	74.24 2.21 -0.68
ATHENS_STG_2 23670	65.60 1.54 0.00	63.57 1.61 0.00	63.28 1.54 0.00	59.66 1.46 0.00	62.15 1.45 0.00	64.73 1.51 0.00	73.36 2.06 -0.24	75.97 2.65 -1.77	76.05 2.94 -1.31	73.98 2.64 0.00	71.94 2.37 0.00	63.88 2.22 0.00	61.13 2.12 0.00	63.60 2.15 0.00	69.40 2.48 0.00	72.13 2.64 0.00	77.85 3.34 -0.41	104.40 4.42 -11.56	107.61 4.55 -11.99	98.24 4.42 -5.40	91.03 3.92 -3.61	75.87 2.74 -1.11	74.39 2.43 -0.39	74.24 2.21 -0.68
ATHENS_STG_3 23677	65.60 1.54 0.00	63.57 1.61 0.00	63.28 1.54 0.00	59.66 1.46 0.00	62.15 1.45 0.00	64.73 1.51 0.00	73.36 2.06 -0.24	75.97 2.65 -1.77	76.05 2.94 -1.31	73.98 2.64 0.00	71.94 2.37 0.00	63.88 2.22 0.00	61.13 2.12 0.00	63.60 2.15 0.00	69.40 2.48 0.00	72.13 2.64 0.00	77.85 3.34 -0.41	104.40 4.42 -11.56	107.61 4.55 -11.99	98.24 4.42 -5.40	91.03 3.92 -3.61	75.87 2.74 -1.11	74.39 2.43 -0.39	74.24 2.21 -0.68
AUBURN___LFGE 323710	62.53 -1.54 0.00	60.47 -1.49 0.00	60.31 -1.42 0.00	56.86 -1.34 0.00	59.48 -1.21 0.00	62.02 -1.20 0.00	70.13 -0.92 0.00	70.84 -0.72 0.00	71.00 -0.79 0.00	70.27 -1.07 0.00	68.39 -1.18 0.00	60.55 -1.11 0.00	57.77 -1.24 0.00	60.35 -1.11 0.00	65.52 -1.41 0.00	68.24 -1.25 0.00	73.37 -0.74 0.00	90.29 0.09 -1.79	93.14 0.46 -1.62	88.33 -0.09 0.00	83.32 -0.17 0.00	72.24 0.22 0.00	70.92 -0.64 0.00	70.57 -0.78 0.00
BABYLON_RES_REC 323704	67.59 3.52 0.00	65.24 3.28 0.00	64.76 3.02 0.00	61.11 2.91 0.00	63.55 2.85 0.00	66.38 3.16 0.00	85.29 4.69 -9.54	105.23 5.87 -27.81	102.12 6.39 -23.95	84.42 5.78 -7.30	75.70 5.29 -0.84	66.34 4.68 0.00	63.31 4.31 0.00	65.94 4.48 0.00	72.21 5.29 0.00	89.88 5.76 -14.63	111.20 7.19 -29.91	132.56 9.28 -34.86	138.25 9.65 -37.53	114.27 9.20 -16.66	112.74 8.27 -20.98	102.22 6.05 -24.15	102.37 5.37 -25.44	96.38 4.78 -20.25
BABYLON__69_KV_BK2 356345	68.55 4.48 0.00	66.18 4.21 0.00	65.62 3.89 0.00	61.81 3.61 0.00	64.28 3.58 0.00	67.20 3.98 0.00	86.29 5.68 -9.54	106.16 6.80 -27.81	102.98 7.25 -23.95	85.28 6.63 -7.30	76.54 6.12 -0.84	67.02 5.36 0.00	64.02 5.02 0.00	66.61 5.16 0.00	73.01 6.09 0.00	90.72 6.60 -14.63	112.17 8.15 -29.91	133.71 10.43 -34.86	139.35 10.75 -37.54	115.33 10.26 -16.66	113.82 9.35 -20.98	103.52 7.35 -24.15	103.23 6.23 -25.44	97.66 6.06 -20.25
BALL_HILL_WT_PWR 323825	60.23 -3.84 0.00	58.06 -3.90 0.00	58.22 -3.52 0.00	54.83 -3.38 0.00	57.48 -3.22 0.00	59.93 -3.29 0.00	67.29 -3.77 0.00	66.34 -5.22 0.00	66.04 -5.75 0.00	64.85 -6.49 0.00	63.38 -6.19 0.00	56.36 -5.30 0.00	53.64 -5.37 0.00	56.29 -5.16 0.00	60.23 -6.69 0.00	63.44 -6.05 0.00	67.73 -6.37 0.00	85.19 -5.48 -2.25	88.09 -5.01 -2.04	83.20 -5.22 0.00	78.14 -5.35 0.00	68.06 -3.96 0.00	67.63 -3.94 0.00	68.14 -3.21 0.00
BARON_WINDS___WT_PWR 323822	60.93 -3.14 0.00	58.80 -3.16 0.00	58.83 -2.90 0.00	55.35 -2.85 0.00	57.97 -2.73 0.00	60.37 -2.84 0.00	68.24 -2.92 -0.10	68.61 -3.65 -0.70	68.22 -4.09 -0.52	66.63 -4.71 0.00	64.92 -4.66 0.00	57.34 -4.32 0.00	54.70 -4.30 0.00	57.21 -4.24 0.00	61.70 -5.22 0.00	64.90 -4.59 0.00	70.27 -4.00 -0.16	88.63 -2.92 -3.13	92.05 -2.45 -3.44	88.10 -2.48 -2.16	82.34 -2.59 -1.44	70.59 -1.87 -0.45	69.64 -2.08 -0.15	70.05 -1.57 -0.27
BARRETT_IC_1 23704	66.70 2.63 0.00	64.44 2.48 0.00	64.02 2.29 0.00	60.41 2.21 0.00	62.76 2.06 0.00	65.49 2.27 0.00	84.22 3.62 -9.54	103.80 4.44 -27.81	100.76 5.02 -23.95	83.42 4.78 -7.30	74.73 4.32 -0.84	65.48 3.82 0.00	62.60 3.60 0.00	65.14 3.69 0.00	71.27 4.35 0.00	88.91 4.79 -14.63	109.50 5.48 -29.91	130.44 7.16 -34.86	136.06 7.47 -37.53	112.24 7.16 -16.66	110.99 6.52 -20.98	100.78 4.61 -24.15	101.30 4.29 -25.44	95.52 3.92 -20.25
BARRETT_IC_10 23701	66.70 2.63 0.00	64.44 2.48 0.00	64.02 2.29 0.00	60.41 2.21 0.00	62.76 2.06 0.00	65.49 2.27 0.00	84.22 3.62 -9.54	103.80 4.44 -27.81	100.76 5.02 -23.95	83.42 4.78 -7.30	74.73 4.32 -0.84	65.48 3.82 0.00	62.60 3.60 0.00	65.14 3.69 0.00	71.27 4.35 0.00	88.91 4.79 -14.63	109.50 5.48 -29.91	130.44 7.16 -34.86	136.06 7.47 -37.53	112.24 7.16 -16.66	110.99 6.52 -20.98	100.78 4.61 -24.15	101.30 4.29 -25.44	95.52 3.92 -20.25
BARRETT_IC_11 23702	66.70 2.63 0.00	64.44 2.48 0.00	64.02 2.29 0.00	60.41 2.21 0.00	62.76 2.06 0.00	65.49 2.27 0.00	84.22 3.62 -9.54	103.80 4.44 -27.81	100.76 5.02 -23.95	83.42 4.78 -7.30	74.73 4.32 -0.84	65.48 3.82 0.00	62.60 3.60 0.00	65.14 3.69 0.00	71.27 4.35 0.00	88.91 4.79 -14.63	109.50 5.48 -29.91	130.44 7.16 -34.86	136.06 7.47 -37.53	112.24 7.16 -16.66	110.99 6.52 -20.98	100.78 4.61 -24.15	101.30 4.29 -25.44	95.52 3.92 -20.25
BARRETT_IC_12 23703	66.70 2.63 0.00	64.44 2.48 0.00	64.02 2.29 0.00	60.41 2.21 0.00	62.76 2.06 0.00	65.49 2.27 0.00	84.22 3.62 -9.54	103.80 4.44 -27.81	100.76 5.02 -23.95	83.42 4.78 -7.30	74.73 4.32 -0.84	65.48 3.82 0.00	62.60 3.60 0.00	65.14 3.69 0.00	71.27 4.35 0.00	88.91 4.79 -14.63	109.50 5.48 -29.91	130.44 7.16 -34.86	136.06 7.47 -37.53	112.24 7.16 -16.66	110.99 6.52 -20.98	100.78 4.61 -24.15	101.30 4.29 -25.44	95.52 3.92 -20.25
BARRETT_IC_2 23705	66.70 2.63 0.00	64.44 2.48 0.00	64.02 2.29 0.00	60.41 2.21 0.00	62.76 2.06 0.00	65.49 2.27 0.00	84.22 3.62 -9.54	103.80 4.44 -27.81	100.76 5.02 -23.95	83.42 4.78 -7.30	74.73 4.32 -0.84	65.48 3.82 0.00	62.60 3.60 0.00	65.14 3.69 0.00	71.27 4.35 0.00	88.91 4.79 -14.63	109.50 5.48 -29.91	130.44 7.16 -34.86	136.06 7.47 -37.53	112.24 7.16 -16.66	110.99 6.52 -20.98	100.78 4.61 -24.15	101.30 4.29 -25.44	95.52 3.92 -20.25
BARRETT_IC_3 23706	66.70 2.63 0.00	64.44 2.48 0.00	64.02 2.29 0.00	60.41 2.21 0.00	62.76 2.06 0.00	65.49 2.27 0.00	84.22 3.62 -9.54	103.80 4.44 -27.81	100.76 5.02 -23.95	83.42 4.78 -7.30	74.73 4.32 -0.84	65.48 3.82 0.00	62.60 3.60 0.00	65.14 3.69 0.00	71.27 4.35 0.00	88.91 4.79 -14.63	109.50 5.48 -29.91	130.44 7.16 -34.86	136.06 7.47 -37.53	112.24 7.16 -16.66	110.99 6.52 -20.98	100.78 4.61 -24.15	101.30 4.29 -25.44	95.52 3.92 -20.25
BARRETT_IC_4 23707	66.70 2.63 0.00	64.44 2.48 0.00	64.02 2.29 0.00	60.41 2.21 0.00	62.76 2.06 0.00	65.49 2.27 0.00	84.22 3.62 -9.54	103.80 4.44 -27.81	100.76 5.02 -23.95	83.42 4.78 -7.30	74.73 4.32 -0.84	65.48 3.82 0.00	62.60 3.60 0.00	65.14 3.69 0.00	71.27 4.35 0.00	88.91 4.79 -14.63	109.50 5.48 -29.91	130.44 7.16 -34.86	136.06 7.47 -37.53	112.24 7.16 -16.66	110.99 6.52 -20.98	100.78 4.61 -24.15	101.30 4.29 -25.44	95.52 3.92 -20.25

BARRETT_IC_5 23708	66.70 2.63 0.00	64.44 2.48 0.00	64.02 2.29 0.00	60.41 2.21 0.00	62.76 2.06 0.00	65.49 2.27 0.00	84.22 3.62 -9.54	103.80 4.44 -27.81	100.76 5.02 -23.95	83.42 4.78 -7.30	74.73 4.32 -0.84	65.48 3.82 0.00	62.60 3.60 0.00	65.14 3.69 0.00	71.27 4.35 0.00	88.91 4.79 -14.63	109.50 5.48 -29.91	130.44 7.16 -34.86	136.06 7.47 -37.53	112.24 7.16 -16.66	110.99 6.52 -20.98	100.78 4.61 -24.15	101.30 4.29 -25.44	95.52 3.92 -20.25
BARRETT_IC_6 23709	66.70 2.63 0.00	64.44 2.48 0.00	64.02 2.29 0.00	60.41 2.21 0.00	62.76 2.06 0.00	65.49 2.27 0.00	84.22 3.62 -9.54	103.80 4.44 -27.81	100.76 5.02 -23.95	83.42 4.78 -7.30	74.73 4.32 -0.84	65.48 3.82 0.00	62.60 3.60 0.00	65.14 3.69 0.00	71.27 4.35 0.00	88.91 4.79 -14.63	109.50 5.48 -29.91	130.44 7.16 -34.86	136.06 7.47 -37.53	112.24 7.16 -16.66	110.99 6.52 -20.98	100.78 4.61 -24.15	101.30 4.29 -25.44	95.52 3.92 -20.25
BARRETT_IC_7 23710	66.82 2.75 0.00	64.56 2.60 0.00	64.14 2.41 0.00	60.41 2.21 0.00	62.76 2.06 0.00	65.49 2.28 0.00	84.23 3.62 -9.54	103.80 4.44 -27.81	100.83 5.10 -23.95	83.42 4.78 -7.30	74.73 4.31 -0.84	65.48 3.82 0.00	62.60 3.60 0.00	65.14 3.69 0.00	71.21 4.28 0.00	88.84 4.73 -14.63	109.50 5.48 -29.91	130.44 7.16 -34.86	136.06 7.47 -37.53	112.15 7.07 -16.66	110.90 6.43 -20.98	101.14 4.97 -24.15	101.37 4.37 -25.44	95.95 4.35 -20.25
BARRETT_IC_8 23711	66.70 2.63 0.00	64.44 2.48 0.00	64.02 2.29 0.00	60.41 2.21 0.00	62.76 2.06 0.00	65.49 2.27 0.00	84.22 3.62 -9.54	103.80 4.44 -27.81	100.76 5.02 -23.95	83.42 4.78 -7.30	74.73 4.32 -0.84	65.48 3.82 0.00	62.60 3.60 0.00	65.14 3.69 0.00	71.27 4.35 0.00	88.91 4.79 -14.63	109.50 5.48 -29.91	130.44 7.16 -34.86	136.06 7.47 -37.53	112.24 7.16 -16.66	110.99 6.52 -20.98	100.78 4.61 -24.15	101.30 4.29 -25.44	95.52 3.92 -20.25
BARRETT_IC_9 23700	66.70 2.63 0.00	64.44 2.48 0.00	64.02 2.29 0.00	60.41 2.21 0.00	62.76 2.06 0.00	65.49 2.27 0.00	84.22 3.62 -9.54	103.80 4.44 -27.81	100.76 5.02 -23.95	83.42 4.78 -7.30	74.73 4.32 -0.84	65.48 3.82 0.00	62.60 3.60 0.00	65.14 3.69 0.00	71.27 4.35 0.00	88.91 4.79 -14.63	109.50 5.48 -29.91	130.44 7.16 -34.86	136.06 7.47 -37.53	112.24 7.16 -16.66	110.99 6.52 -20.98	100.78 4.61 -24.15	101.30 4.29 -25.44	95.52 3.92 -20.25
BARRETT___1 23545	66.70 2.63 0.00	64.44 2.48 0.00	64.02 2.29 0.00	60.41 2.21 0.00	62.76 2.06 0.00	65.49 2.27 0.00	84.22 3.62 -9.54	103.80 4.44 -27.81	100.76 5.02 -23.95	83.42 4.78 -7.30	74.73 4.32 -0.84	65.48 3.82 0.00	62.60 3.60 0.00	65.14 3.69 0.00	71.27 4.35 0.00	88.91 4.79 -14.63	109.50 5.48 -29.91	130.44 7.16 -34.86	136.06 7.47 -37.53	112.24 7.16 -16.66	110.99 6.52 -20.98	100.78 4.61 -24.15	101.30 4.29 -25.44	95.52 3.92 -20.25
BARRETT___2 23546	66.70 2.63 0.00	64.44 2.48 0.00	64.02 2.29 0.00	60.41 2.21 0.00	62.76 2.06 0.00	65.49 2.27 0.00	84.22 3.62 -9.54	103.80 4.44 -27.81	100.76 5.02 -23.95	83.42 4.78 -7.30	74.73 4.32 -0.84	65.48 3.82 0.00	62.60 3.60 0.00	65.14 3.69 0.00	71.27 4.35 0.00	88.91 4.79 -14.63	109.50 5.48 -29.91	130.44 7.16 -34.86	136.06 7.47 -37.53	112.24 7.16 -16.66	110.99 6.52 -20.98	100.78 4.61 -24.15	101.30 4.29 -25.44	95.52 3.92 -20.25
BATAVIA___115KV_TB1 55881	60.29 -3.78 0.00	58.24 -3.72 0.00	58.52 -3.21 0.00	55.06 -3.14 0.00	57.84 -2.85 0.00	60.37 -2.84 0.00	67.93 -3.13 0.00	67.41 -4.15 0.00	67.26 -4.52 0.00	66.13 -5.21 0.00	64.71 -4.87 0.00	57.41 -4.25 0.00	54.52 -4.48 0.00	57.15 -4.30 0.00	61.57 -5.35 0.00	64.62 -4.86 0.00	68.92 -5.19 0.00	86.22 -4.16 -1.96	89.20 -3.64 -1.77	83.47 -4.95 0.00	79.06 -4.42 0.00	70.00 -2.02 0.00	68.27 -3.29 0.00	67.93 -3.42 0.00
BAYONEEC___CTG1 323682	61.34 1.86 4.58	60.04 1.61 3.53	59.85 1.48 3.36	57.79 1.28 1.69	59.13 1.21 2.78	60.75 1.58 4.05	65.87 2.70 7.89	68.23 3.86 7.18	67.62 4.45 8.62	66.16 3.99 9.18	61.73 3.48 11.33	59.79 3.27 5.14	57.61 3.13 4.52	59.75 3.19 4.90	61.04 3.68 9.56	61.04 4.03 12.48	63.13 5.19 16.16	74.37 6.81 20.86	72.89 7.01 25.19	67.40 6.72 27.74	63.54 6.01 25.96	63.17 3.96 12.81	60.95 3.29 13.91	66.17 2.78 7.96
BAYONEEC___CTG10 323750	61.34 1.86 4.58	60.04 1.61 3.53	59.85 1.48 3.36	57.79 1.28 1.69	59.13 1.21 2.78	60.75 1.58 4.05	65.87 2.70 7.89	68.23 3.86 7.18	67.62 4.45 8.62	66.16 3.99 9.18	61.73 3.48 11.33	59.79 3.27 5.14	57.61 3.13 4.52	59.75 3.19 4.90	61.04 3.68 9.56	61.04 4.03 12.48	63.13 5.19 16.16	74.37 6.81 20.86	72.89 7.01 25.19	67.40 6.72 27.74	63.54 6.01 25.96	63.17 3.96 12.81	60.95 3.29 13.91	66.17 2.78 7.96
BAYONEEC___CTG2 323683	61.34 1.86 4.58	60.04 1.61 3.53	59.85 1.48 3.36	57.79 1.28 1.69	59.13 1.21 2.78	60.75 1.58 4.05	65.87 2.70 7.89	68.23 3.86 7.18	67.62 4.45 8.62	66.16 3.99 9.18	61.73 3.48 11.33	59.79 3.27 5.14	57.61 3.13 4.52	59.75 3.19 4.90	61.04 3.68 9.56	61.04 4.03 12.48	63.13 5.19 16.16	74.37 6.81 20.86	72.89 7.01 25.19	67.40 6.72 27.74	63.54 6.01 25.96	63.17 3.96 12.81	60.95 3.29 13.91	66.17 2.78 7.96
BAYONEEC___CTG3 323684	61.34 1.86 4.58	60.04 1.61 3.53	59.85 1.48 3.36	57.79 1.28 1.69	59.13 1.21 2.78	60.75 1.58 4.05	65.87 2.70 7.89	68.23 3.86 7.18	67.62 4.45 8.62	66.16 3.99 9.18	61.73 3.48 11.33	59.79 3.27 5.14	57.61 3.13 4.52	59.75 3.19 4.90	61.04 3.68 9.56	61.04 4.03 12.48	63.13 5.19 16.16	74.37 6.81 20.86	72.89 7.01 25.19	67.40 6.72 27.74	63.54 6.01 25.96	63.17 3.96 12.81	60.95 3.29 13.91	66.17 2.78 7.96
BAYONEEC___CTG4 323685	61.34 1.86 4.58	60.04 1.61 3.53	59.85 1.48 3.36	57.79 1.28 1.69	59.13 1.21 2.78	60.75 1.58 4.05	65.87 2.70 7.89	68.23 3.86 7.18	67.62 4.45 8.62	66.16 3.99 9.18	61.73 3.48 11.33	59.79 3.27 5.14	57.61 3.13 4.52	59.75 3.19 4.90	61.04 3.68 9.56	61.04 4.03 12.48	63.13 5.19 16.16	74.37 6.81 20.86	72.89 7.01 25.19	67.40 6.72 27.74	63.54 6.01 25.96	63.17 3.96 12.81	60.95 3.29 13.91	66.17 2.78 7.96
BAYONEEC___CTG5 323686	61.34 1.86 4.58	60.04 1.61 3.53	59.85 1.48 3.36	57.79 1.28 1.69	59.13 1.21 2.78	60.75 1.58 4.05	65.87 2.70 7.89	68.23 3.86 7.18	67.62 4.45 8.62	66.16 3.99 9.18	61.73 3.48 11.33	59.79 3.27 5.14	57.61 3.13 4.52	59.75 3.19 4.90	61.04 3.68 9.56	61.04 4.03 12.48	63.13 5.19 16.16	74.37 6.81 20.86	72.89 7.01 25.19	67.40 6.72 27.74	63.54 6.01 25.96	63.17 3.96 12.81	60.95 3.29 13.91	66.17 2.78 7.96
BAYONEEC___CTG6 323687	61.34 1.86 4.58	60.04 1.61 3.53	59.85 1.48 3.36	57.79 1.28 1.69	59.13 1.21 2.78	60.75 1.58 4.05	65.87 2.70 7.89	68.23 3.86 7.18	67.62 4.45 8.62	66.16 3.99 9.18	61.73 3.48 11.33	59.79 3.27 5.14	57.61 3.13 4.52	59.75 3.19 4.90	61.04 3.68 9.56	61.04 4.03 12.48	63.13 5.19 16.16	74.37 6.81 20.86	72.89 7.01 25.19	67.40 6.72 27.74	63.54 6.01 25.96	63.17 3.96 12.81	60.95 3.29 13.91	66.17 2.78 7.96

BAYONEEC___CTG7 323688	61.34 1.86 4.58	60.04 1.61 3.53	59.85 1.48 3.36	57.79 1.28 1.69	59.13 1.21 2.78	60.75 1.58 4.05	65.87 2.70 7.89	68.23 3.86 7.18	67.62 4.45 8.62	66.16 3.99 9.18	61.73 3.48 11.33	59.79 3.27 5.14	57.61 3.13 4.52	59.75 3.19 4.90	61.04 3.68 9.56	61.04 4.03 12.48	63.13 5.19 16.16	74.37 6.81 20.86	72.89 7.01 25.19	67.40 6.72 27.74	63.54 6.01 25.96	63.17 3.96 12.81	60.95 3.29 13.91	66.17 2.78 7.96
BAYONEEC___CTG8 323689	61.34 1.86 4.58	60.04 1.61 3.53	59.85 1.48 3.36	57.79 1.28 1.69	59.13 1.21 2.78	60.75 1.58 4.05	65.87 2.70 7.89	68.23 3.86 7.18	67.62 4.45 8.62	66.16 3.99 9.18	61.73 3.48 11.33	59.79 3.27 5.14	57.61 3.13 4.52	59.75 3.19 4.90	61.04 3.68 9.56	61.04 4.03 12.48	63.13 5.19 16.16	74.37 6.81 20.86	72.89 7.01 25.19	67.40 6.72 27.74	63.54 6.01 25.96	63.17 3.96 12.81	60.95 3.29 13.91	66.17 2.78 7.96
BAYONEEC___CTG9 323749	61.34 1.86 4.58	60.04 1.61 3.53	59.85 1.48 3.36	57.79 1.28 1.69	59.13 1.21 2.78	60.75 1.58 4.05	65.87 2.70 7.89	68.23 3.86 7.18	67.62 4.45 8.62	66.16 3.99 9.18	61.73 3.48 11.33	59.79 3.27 5.14	57.61 3.13 4.52	59.75 3.19 4.90	61.04 3.68 9.56	61.04 4.03 12.48	63.13 5.19 16.16	74.37 6.81 20.86	72.89 7.01 25.19	67.40 6.72 27.74	63.54 6.01 25.96	63.17 3.96 12.81	60.95 3.29 13.91	66.17 2.78 7.96
BEACON___LESR 323632	66.63 2.57 0.00	64.56 2.60 0.00	64.26 2.53 0.00	60.65 2.44 0.00	63.19 2.49 0.00	65.75 2.53 0.00	75.51 2.98 -1.47	85.42 3.07 -10.79	83.12 3.30 -8.03	74.77 3.42 0.00	72.64 3.06 0.00	64.31 2.65 0.00	61.42 2.42 0.00	64.03 2.58 0.00	69.73 2.81 0.00	72.41 2.92 0.00	79.87 3.26 -2.51	121.08 3.89 -28.78	130.41 4.00 -35.34	125.24 3.80 -33.02	109.06 3.51 -22.06	81.64 2.81 -6.81	76.72 2.79 -2.36	78.62 3.14 -4.14
BEAVER RIVER___HYD 24048	65.16 1.09 0.00	62.89 0.93 0.00	62.66 0.93 0.00	59.25 1.05 0.00	61.73 1.03 0.00	64.36 1.14 0.00	72.34 1.28 0.00	72.85 1.29 0.00	72.65 0.86 0.00	72.13 0.79 0.00	70.20 0.62 0.00	61.97 0.31 0.00	59.42 0.42 0.00	61.82 0.37 0.00	67.33 0.40 0.00	69.98 0.49 0.00	75.14 1.04 0.00	90.19 1.77 0.00	93.07 2.00 0.00	90.63 2.21 0.00	85.66 2.17 0.00	73.82 1.80 0.00	73.42 1.86 0.00	73.28 1.93 0.00
BEEBEE_GT_13 23619	60.67 -3.40 0.00	58.62 -3.35 0.00	58.71 -3.02 0.00	55.29 -2.91 0.00	58.03 -2.67 0.00	60.56 -2.66 0.00	68.14 -2.91 0.00	68.19 -3.36 0.00	68.20 -3.59 0.00	67.35 -4.00 0.00	65.82 -3.76 0.00	58.33 -3.33 0.00	55.52 -3.48 0.00	58.07 -3.38 0.00	62.84 -4.08 0.00	65.67 -3.82 0.00	70.10 -4.00 0.00	86.85 -3.27 -1.70	89.69 -2.91 -1.54	84.53 -3.89 0.00	79.98 -3.51 0.00	70.15 -1.87 0.00	68.70 -2.86 0.00	68.28 -3.07 0.00
BENSHRST_27_KV_BENSHRST_1 355998	66.37 2.31 0.00	63.88 1.92 0.00	63.46 1.73 0.00	59.60 1.40 0.00	62.03 1.34 0.00	64.92 1.71 0.00	74.22 2.84 -0.32	78.13 4.22 -2.35	78.42 4.88 -1.75	75.84 4.49 0.00	73.61 4.04 0.00	67.87 3.82 -2.39	65.38 3.66 -2.72	67.81 3.75 -2.61	71.00 4.08 0.00	74.07 4.59 0.00	93.39 6.00 -13.28	117.24 8.05 -20.78	121.83 8.38 -22.39	115.26 7.96 -18.88	110.09 7.18 -19.42	91.85 5.11 -14.72	76.02 3.94 -0.52	76.04 3.78 -0.90
BETHLEHEM___GRP 23843	65.54 1.47 0.00	63.45 1.49 0.00	63.21 1.48 0.00	59.66 1.46 0.00	62.15 1.46 0.00	64.61 1.39 0.00	74.30 1.71 -1.53	84.64 1.79 -11.29	82.28 2.08 -8.41	73.48 2.14 0.00	71.39 1.81 0.00	63.33 1.66 0.00	60.54 1.53 0.00	63.05 1.60 0.00	68.60 1.67 0.00	71.09 1.60 0.00	78.51 1.78 -2.63	120.17 2.03 -29.71	129.79 2.09 -36.63	124.85 1.86 -34.58	108.26 1.67 -23.10	80.67 1.51 -7.13	75.18 1.15 -2.47	77.39 1.71 -4.33
BETHLEHEM___GS1 323560	65.54 1.47 0.00	63.51 1.55 0.00	63.21 1.48 0.00	59.66 1.46 0.00	62.15 1.45 0.00	64.61 1.39 0.00	74.29 1.70 -1.53	84.64 1.79 -11.29	82.28 2.08 -8.41	73.48 2.14 0.00	71.38 1.81 0.00	63.33 1.67 0.00	60.54 1.53 0.00	63.05 1.60 0.00	68.66 1.74 0.00	71.09 1.60 0.00	78.51 1.78 -2.63	120.17 2.04 -29.71	129.79 2.10 -36.63	124.94 1.94 -34.58	108.26 1.67 -23.10	80.45 1.30 -7.13	75.33 1.29 -2.47	77.39 1.71 -4.33
BETHLEHEM___GS2 323561	65.54 1.47 0.00	63.51 1.55 0.00	63.21 1.48 0.00	59.66 1.46 0.00	62.15 1.45 0.00	64.61 1.39 0.00	74.29 1.70 -1.53	84.64 1.79 -11.29	82.28 2.08 -8.41	73.48 2.14 0.00	71.38 1.81 0.00	63.33 1.67 0.00	60.54 1.53 0.00	63.05 1.60 0.00	68.66 1.74 0.00	71.09 1.60 0.00	78.51 1.78 -2.63	120.17 2.04 -29.71	129.79 2.10 -36.63	124.94 1.94 -34.58	108.26 1.67 -23.10	80.45 1.30 -7.13	75.33 1.29 -2.47	77.39 1.71 -4.33
BETHLEHEM___GS3 323562	65.54 1.47 0.00	63.51 1.55 0.00	63.21 1.48 0.00	59.66 1.46 0.00	62.15 1.45 0.00	64.61 1.39 0.00	74.29 1.70 -1.53	84.64 1.79 -11.29	82.28 2.08 -8.41	73.48 2.14 0.00	71.38 1.81 0.00	63.33 1.67 0.00	60.54 1.53 0.00	63.05 1.60 0.00	68.66 1.74 0.00	71.09 1.60 0.00	78.51 1.78 -2.63	120.17 2.04 -29.71	129.79 2.10 -36.63	124.94 1.94 -34.58	108.26 1.67 -23.10	80.45 1.30 -7.13	75.33 1.29 -2.47	77.39 1.71 -4.33
BETHLEHEM___STEEL 23779	59.78 -4.29 0.00	57.75 -4.21 0.00	57.91 -3.83 0.00	54.54 -3.67 0.00	57.18 -3.52 0.00	59.61 -3.60 0.00	66.87 -4.19 0.00	65.90 -5.65 0.00	65.54 -6.25 0.00	64.42 -6.92 0.00	63.11 -6.47 0.00	56.23 -5.43 0.00	53.46 -5.55 0.00	56.04 -5.41 0.00	60.36 -6.56 0.00	63.16 -6.32 0.00	67.36 -6.74 0.00	84.65 -6.01 -2.24	87.45 -5.65 -2.03	82.05 -6.37 0.00	77.64 -5.84 0.00	69.00 -3.02 0.00	67.27 -4.29 0.00	67.21 -4.14 0.00
BETHLHEM_115KV_TB1 79974	65.54 1.47 0.00	63.45 1.49 0.00	63.21 1.48 0.00	59.60 1.40 0.00	62.15 1.46 0.00	64.67 1.45 0.00	74.22 1.71 -1.45	84.10 1.86 -10.69	81.83 2.08 -7.96	73.48 2.14 0.00	71.39 1.81 0.00	63.39 1.73 0.00	60.60 1.59 0.00	63.11 1.66 0.00	68.66 1.74 0.00	71.15 1.67 0.00	78.52 1.93 -2.49	119.24 2.21 -28.61	128.45 2.28 -35.11	123.27 2.12 -32.72	107.27 1.92 -21.86	80.43 1.66 -6.75	75.19 1.29 -2.34	77.23 1.78 -4.10
BETHPAGE_CC_5 323564	66.88 2.82 0.00	64.62 2.66 0.00	64.14 2.41 0.00	60.53 2.33 0.00	62.94 2.25 0.00	65.68 2.46 0.00	84.51 3.91 -9.54	104.37 5.01 -27.81	101.26 5.53 -23.95	83.71 5.07 -7.30	75.01 4.59 -0.84	65.73 4.07 0.00	62.78 3.78 0.00	65.33 3.87 0.00	71.54 4.61 0.00	89.19 5.07 -14.63	110.39 6.37 -29.91	131.51 8.22 -34.86	137.25 8.66 -37.53	113.30 8.22 -16.66	111.90 7.43 -20.98	101.42 5.25 -24.15	101.65 4.65 -25.44	95.66 4.07 -20.25
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	59.90 -4.16 0.00	57.87 -4.09 0.00	58.09 -3.64 0.00	54.65 -3.55 0.00	57.36 -3.34 0.00	59.80 -3.41 0.00	67.08 -3.98 0.00	66.05 -5.51 0.00	65.76 -6.03 0.00	64.56 -6.78 0.00	63.11 -6.47 0.00	56.36 -5.30 0.00	53.58 -5.43 0.00	56.11 -5.35 0.00	60.43 -6.49 0.00	63.30 -6.18 0.00	67.51 -6.60 0.00	84.93 -5.75 -2.26	87.74 -5.37 -2.05	82.32 -6.10 0.00	77.90 -5.59 0.00	69.21 -2.81 0.00	67.42 -4.15 0.00	67.43 -3.92 0.00

BINGHAMTON___COGEN 23790	63.17 -0.90 0.00	61.16 -0.81 0.00	60.99 -0.74 0.00	57.45 -0.76 0.00	60.03 -0.67 0.00	62.59 -0.63 0.00	70.78 -0.43 -0.15	72.14 -0.50 -1.09	72.09 -0.50 -0.81	70.56 -0.78 0.00	68.74 -0.83 0.00	60.80 -0.86 0.00	58.06 -0.94 0.00	60.59 -0.86 0.00	65.85 -1.07 0.00	68.65 -0.83 0.00	73.99 -0.37 -0.25	93.62 0.53 -4.67	97.05 0.82 -5.16	92.19 0.44 -3.33	85.96 0.25 -2.22	73.36 0.65 -0.69	71.66 -0.14 -0.24	71.70 -0.07 -0.42
BIXINCNT_115KV_LOAD 355685	60.67 -3.40 0.00	58.49 -3.47 0.00	58.52 -3.21 0.00	55.00 -3.20 0.00	57.66 -3.03 0.00	60.06 -3.16 0.00	67.65 -3.48 -0.08	66.54 -5.58 -0.57	65.96 -6.25 -0.42	63.42 -7.92 0.00	61.65 -7.93 0.00	55.06 -6.60 0.00	52.45 -6.55 0.00	54.81 -6.64 0.00	59.09 -7.83 0.00	62.68 -6.81 0.00	67.79 -6.45 -0.13	85.64 -5.31 -2.52	89.47 -4.37 -2.77	85.30 -4.86 -1.75	80.31 -4.34 -1.17	70.44 -1.94 -0.36	68.47 -3.22 -0.12	68.86 -2.71 -0.22
BLACK RIVER___HYD 24047	65.35 1.28 0.00	63.08 1.12 0.00	62.85 1.11 0.00	59.37 1.16 0.00	61.91 1.21 0.00	64.61 1.39 0.00	72.90 1.84 0.00	73.56 2.00 0.00	73.51 1.72 0.00	72.84 1.50 0.00	70.90 1.32 0.00	62.40 0.74 0.00	59.71 0.71 0.00	62.31 0.86 0.00	67.79 0.87 0.00	70.74 1.25 0.00	76.18 2.07 0.00	91.78 3.36 0.00	94.98 3.91 0.00	92.40 3.98 0.00	86.99 3.51 0.00	74.76 2.74 0.00	74.22 2.65 0.00	73.85 2.50 0.00
BLACKRVR_115KV_TB2 79977	65.35 1.28 0.00	63.08 1.12 0.00	62.78 1.05 0.00	59.37 1.16 0.00	61.91 1.21 0.00	64.61 1.39 0.00	72.91 1.85 0.00	73.56 2.00 0.00	73.51 1.72 0.00	72.84 1.50 0.00	70.90 1.32 0.00	62.40 0.74 0.00	59.71 0.71 0.00	62.31 0.86 0.00	67.86 0.94 0.00	70.74 1.25 0.00	76.18 2.07 0.00	91.78 3.36 0.00	94.98 3.92 0.00	92.31 3.89 0.00	87.00 3.51 0.00	74.90 2.88 0.00	74.21 2.65 0.00	73.78 2.43 0.00
BLISS_WT_PWR 323608	60.80 -3.27 0.00	58.43 -3.53 0.00	58.46 -3.27 0.00	54.94 -3.26 0.00	57.54 -3.16 0.00	59.93 -3.29 0.00	67.51 -3.62 -0.08	66.26 -5.87 -0.57	65.61 -6.60 -0.42	62.92 -8.42 0.00	61.09 -8.49 0.00	54.45 -7.21 0.00	51.92 -7.08 0.00	54.32 -7.13 0.00	58.29 -8.63 0.00	62.33 -7.16 0.00	67.57 -6.67 -0.13	85.46 -5.48 -2.52	89.38 -4.46 -2.77	85.75 -4.42 -1.75	80.31 -4.35 -1.17	69.14 -3.24 -0.36	68.47 -3.22 -0.12	69.28 -2.29 -0.22
BLUESTONE___WT_PWR 323821	66.12 2.05 0.00	64.00 2.04 0.00	63.77 2.03 0.00	60.06 1.86 0.00	62.70 2.00 0.00	65.49 2.27 0.00	74.38 3.05 -0.27	77.69 4.15 -1.99	77.57 4.31 -1.48	75.12 3.78 0.00	73.06 3.48 0.00	64.25 2.59 0.00	61.30 2.30 0.00	64.03 2.58 0.00	69.67 2.74 0.00	72.82 3.34 0.00	79.24 4.67 -0.46	102.26 6.98 -6.86	106.82 7.83 -7.92	102.02 7.51 -6.09	93.07 5.51 -4.07	77.67 4.39 -1.26	76.08 4.08 -0.44	76.25 4.14 -0.76
BLUE_CIRC_CHEM_DRP 24182	68.10 4.04 0.00	65.99 4.03 0.00	65.87 4.14 0.00	62.10 3.90 0.00	64.64 3.95 0.00	67.14 3.92 0.00	76.35 4.12 -1.17	84.07 3.86 -8.65	82.03 3.80 -6.44	74.98 3.64 0.00	72.71 3.13 0.00	64.31 2.65 0.00	61.42 2.42 0.00	64.09 2.64 0.00	69.87 2.94 0.00	72.89 3.40 0.00	80.12 4.00 -2.01	118.16 5.04 -24.70	126.15 5.28 -29.81	119.93 5.04 -26.47	106.02 4.84 -17.69	81.73 4.25 -5.46	77.54 4.08 -1.89	79.31 4.64 -3.31
BOC_GAS_DRP 24189	65.35 1.28 0.00	63.32 1.36 0.00	63.03 1.30 0.00	59.48 1.28 0.00	61.97 1.27 0.00	64.48 1.26 0.00	73.62 1.56 -1.00	80.74 1.86 -7.33	79.39 2.15 -5.45	73.34 2.00 0.00	71.32 1.74 0.00	63.33 1.66 0.00	60.54 1.53 0.00	63.11 1.66 0.00	68.73 1.81 0.00	71.29 1.81 0.00	78.03 2.22 -1.71	113.73 2.83 -22.48	120.74 3.01 -26.67	113.59 2.74 -22.43	100.98 2.50 -14.98	78.66 2.02 -4.63	74.82 1.65 -1.60	76.02 1.86 -2.81
BOONVILLE_115KV_TB1 79983	65.48 1.41 0.00	63.26 1.30 0.00	63.03 1.30 0.00	59.48 1.28 0.00	62.03 1.34 0.00	64.80 1.58 0.00	73.05 1.99 0.00	73.63 2.08 0.00	73.73 1.94 0.00	73.13 1.78 0.00	71.18 1.60 0.00	62.83 1.17 0.00	60.13 1.12 0.00	62.68 1.23 0.00	68.26 1.34 0.00	71.02 1.53 0.00	76.33 2.22 0.00	91.60 3.18 0.00	94.62 3.55 0.00	91.87 3.45 0.00	86.66 3.17 0.00	74.69 2.66 0.00	74.00 2.43 0.00	73.71 2.35 0.00
BORALEX_4TH_BRANCH 23824	67.46 3.40 0.00	65.18 3.22 0.00	64.88 3.15 0.00	61.23 3.03 0.00	63.85 3.16 0.00	66.50 3.29 0.00	77.62 4.12 -2.44	94.22 4.72 -17.94	90.10 4.95 -13.36	75.91 4.57 0.00	73.89 4.31 0.00	65.55 3.88 0.00	62.66 3.66 0.00	65.26 3.81 0.00	71.07 4.15 0.00	74.00 4.52 0.00	83.62 5.34 -4.18	137.01 6.81 -41.78	151.44 7.10 -53.27	150.17 6.81 -54.94	126.37 6.18 -36.70	88.47 5.11 -11.33	80.07 4.58 -3.93	82.73 4.50 -6.88
BOWLINE___1 23526	65.48 1.41 0.00	63.20 1.24 0.00	62.90 1.17 0.00	59.25 1.05 0.00	61.66 0.97 0.00	64.42 1.20 0.00	73.43 2.06 -0.31	76.83 3.00 -2.27	77.00 3.52 -1.69	74.41 3.07 0.00	72.22 2.64 0.00	64.19 2.53 0.00	61.37 2.36 0.00	63.85 2.39 0.00	69.80 2.88 0.00	72.62 3.13 0.00	78.78 4.15 -0.53	105.43 5.48 -11.53	109.20 5.74 -12.40	100.96 5.57 -6.96	93.06 4.92 -4.65	76.70 3.24 -1.44	74.71 2.65 -0.50	74.44 2.21 -0.87
BOWLINE___2 23595	65.54 1.47 0.00	63.32 1.36 0.00	62.97 1.23 0.00	59.31 1.10 0.00	61.73 1.03 0.00	64.48 1.26 0.00	73.57 2.21 -0.31	76.97 3.14 -2.27	77.14 3.66 -1.69	74.48 3.14 0.00	72.29 2.71 0.00	64.25 2.59 0.00	61.42 2.42 0.00	63.97 2.52 0.00	69.86 2.94 0.00	72.69 3.20 0.00	78.86 4.22 -0.53	105.61 5.66 -11.53	109.38 5.92 -12.40	101.05 5.66 -6.96	93.15 5.01 -4.65	76.77 3.31 -1.44	74.85 2.79 -0.50	74.58 2.35 -0.87
BRADY___115KV_TB2 356060	66.50 2.43 0.00	64.13 2.17 0.00	63.89 2.16 0.00	60.47 2.27 0.00	62.64 1.94 0.00	65.11 1.90 0.00	72.62 1.56 0.00	72.41 0.86 0.00	72.15 0.36 0.00	72.27 0.93 0.00	70.62 1.04 0.00	62.22 0.55 0.00	60.13 1.12 0.00	62.13 0.68 0.00	67.79 0.87 0.00	70.11 0.63 0.00	74.03 -0.07 0.00	87.18 -1.24 0.00	89.06 -2.00 0.00	87.54 -0.88 0.00	83.07 -0.42 0.00	71.80 -0.22 0.00	72.78 1.22 0.00	72.92 1.57 0.00
BRANSCOMB___SOLAR 323811	67.78 3.71 0.00	65.62 3.65 0.00	65.37 3.64 0.00	61.64 3.43 0.00	64.28 3.58 0.00	66.88 3.67 0.00	78.88 4.55 -3.27	100.51 4.87 -24.09	94.67 4.95 -17.93	75.91 4.57 0.00	73.82 4.24 0.00	65.17 3.51 0.00	62.25 3.24 0.00	64.89 3.44 0.00	70.80 3.88 0.00	74.00 4.51 0.00	85.27 5.56 -5.61	148.56 6.98 -53.15	167.12 7.19 -68.86	169.15 6.98 -73.74	139.19 6.43 -49.27	92.49 5.25 -15.21	81.85 5.01 -5.27	85.30 4.71 -9.23
BRENTWOD_69_KV_W. BRTWOOD 56703	68.55 4.48 0.00	66.11 4.15 0.00	65.56 3.83 0.00	61.75 3.55 0.00	64.22 3.52 0.00	67.20 3.98 0.00	86.22 5.61 -9.54	106.09 6.73 -27.81	102.84 7.11 -23.95	85.13 6.49 -7.30	76.40 5.98 -0.84	66.96 5.30 0.00	63.96 4.96 0.00	66.55 5.10 0.00	72.95 6.02 0.00	90.51 6.39 -14.63	111.95 7.93 -29.91	133.18 9.90 -34.86	138.53 9.93 -37.54	114.89 9.81 -16.66	113.41 8.93 -20.98	103.23 7.06 -24.15	102.94 5.94 -25.44	97.38 5.78 -20.25

BRISTLHL_115KV_TB1 79998	61.70 -2.37 0.00	59.67 -2.29 0.00	59.51 -2.22 0.00	56.11 -2.10 0.00	58.63 -2.06 0.00	61.00 -2.21 0.00	68.85 -2.20 0.00	69.48 -2.08 0.00	69.63 -2.15 0.00	68.99 -2.35 0.00	67.21 -2.37 0.00	59.56 -2.10 0.00	56.94 -2.07 0.00	59.42 -2.03 0.00	64.58 -2.34 0.00	67.26 -2.22 0.00	72.11 -2.00 0.00	86.74 -1.68 0.00	89.61 -1.46 0.00	86.65 -1.77 0.00	81.74 -1.75 0.00	70.80 -1.22 0.00	69.71 -1.86 0.00	69.35 -2.00 0.00
BROOKHAVEN___DRP 24191	68.23 4.16 0.00	65.87 3.90 0.00	65.31 3.58 0.00	61.52 3.32 0.00	63.97 3.28 0.00	66.88 3.67 0.00	85.93 5.33 -9.54	105.87 6.51 -27.81	102.63 6.89 -23.95	84.92 6.28 -7.30	76.05 5.64 -0.84	66.53 4.87 0.00	63.49 4.48 0.00	66.12 4.67 0.00	72.48 5.55 0.00	90.03 5.91 -14.63	111.50 7.48 -29.91	133.01 9.73 -34.86	138.58 9.93 -37.58	114.10 9.02 -16.66	112.41 7.93 -20.98	102.29 6.12 -24.15	102.30 5.30 -25.44	96.81 5.21 -20.25
BROOKLYN_NAVY_YARD 23515	65.86 1.79 0.00	63.51 1.55 0.00	63.15 1.42 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.77 3.86 -2.35	77.99 4.45 -1.75	75.34 3.99 0.00	73.06 3.48 0.00	64.99 3.33 0.00	62.13 3.13 0.00	64.64 3.19 0.00	70.60 3.68 0.00	73.52 4.03 0.00	79.92 5.26 -0.55	107.22 6.90 -11.90	110.98 7.11 -12.80	102.44 6.81 -7.21	94.40 6.09 -4.82	77.54 4.03 -1.49	75.45 3.36 -0.52	75.03 2.78 -0.90
BROOKLYN___ARMY_DRP 323595	66.12 2.05 0.00	63.70 1.73 0.00	63.28 1.54 0.00	59.42 1.22 0.00	61.85 1.15 0.00	64.73 1.52 0.00	74.01 2.63 -0.32	77.85 3.94 -2.35	78.13 4.59 -1.75	75.55 4.21 0.00	73.33 3.76 0.00	67.56 3.51 -2.39	65.15 3.42 -2.72	67.50 3.44 -2.61	70.74 3.81 0.00	73.73 4.24 0.00	93.09 5.71 -13.28	116.80 7.60 -20.78	121.38 7.92 -22.39	114.82 7.52 -18.88	109.59 6.68 -19.42	91.49 4.75 -14.72	75.73 3.65 -0.52	75.68 3.42 -0.90
BROOKVLE_69_KV_TB1 55790	67.46 3.40 0.00	65.12 3.16 0.00	64.70 2.96 0.00	60.88 2.68 0.00	63.31 2.61 0.00	66.00 2.78 0.00	84.87 4.26 -9.54	104.66 5.30 -27.81	101.62 5.89 -23.95	84.06 5.42 -7.30	75.36 4.94 -0.84	66.04 4.38 0.00	63.13 4.13 0.00	65.69 4.24 0.00	71.81 4.89 0.00	89.54 5.42 -14.63	110.69 6.67 -29.91	132.03 8.75 -34.86	137.70 9.11 -37.53	113.74 8.67 -16.66	112.32 7.85 -20.98	102.22 6.05 -24.15	102.09 5.08 -25.44	96.52 4.92 -20.25
BROOME_2_LFGE 323671	63.17 -0.90 0.00	61.15 -0.81 0.00	60.99 -0.74 0.00	57.44 -0.76 0.00	60.03 -0.67 0.00	62.59 -0.63 0.00	70.78 -0.42 -0.15	72.15 -0.50 -1.09	72.10 -0.50 -0.81	70.56 -0.78 0.00	68.75 -0.83 0.00	60.80 -0.86 0.00	58.06 -0.95 0.00	60.65 -0.80 0.00	65.85 -1.07 0.00	68.66 -0.83 0.00	73.99 -0.37 -0.25	93.62 0.53 -4.67	97.05 0.82 -5.16	92.37 0.62 -3.33	85.96 0.25 -2.22	72.85 0.14 -0.69	71.66 -0.14 -0.24	71.77 0.00 -0.42
BROOME___LFGE 323600	63.17 -0.90 0.00	61.15 -0.81 0.00	60.99 -0.74 0.00	57.44 -0.76 0.00	60.03 -0.67 0.00	62.59 -0.63 0.00	70.78 -0.42 -0.15	72.15 -0.50 -1.09	72.10 -0.50 -0.81	70.56 -0.78 0.00	68.75 -0.83 0.00	60.80 -0.86 0.00	58.06 -0.95 0.00	60.65 -0.80 0.00	65.85 -1.07 0.00	68.66 -0.83 0.00	73.99 -0.37 -0.25	93.62 0.53 -4.67	97.05 0.82 -5.16	92.37 0.62 -3.33	85.96 0.25 -2.22	72.85 0.14 -0.69	71.66 -0.14 -0.24	71.77 0.00 -0.42
BROWNFLS_115KV_TB_3_5 80003	65.35 1.28 0.00	63.08 1.12 0.00	62.84 1.11 0.00	59.48 1.28 0.00	61.67 0.97 0.00	64.10 0.89 0.00	71.77 0.71 0.00	71.99 0.43 0.00	71.72 -0.07 0.00	71.63 0.29 0.00	69.86 0.28 0.00	61.60 -0.06 0.00	59.30 0.30 0.00	61.51 0.06 0.00	66.99 0.07 0.00	69.35 -0.14 0.00	73.81 -0.30 0.00	87.89 -0.53 0.00	90.34 -0.73 0.00	88.33 -0.09 0.00	83.57 0.08 0.00	72.24 0.22 0.00	72.57 1.00 0.00	72.64 1.28 0.00
BROWNSV1_27_KV_LOAD 356125	66.57 2.50 0.00	64.13 2.17 0.00	63.77 2.04 0.00	59.95 1.75 0.00	62.40 1.70 0.00	65.30 2.09 0.00	74.72 3.34 -0.32	78.49 4.58 -2.35	78.71 5.17 -1.75	76.05 4.71 0.00	73.75 4.17 0.00	65.55 3.88 0.00	62.66 3.66 0.00	65.26 3.81 0.00	71.14 4.22 0.00	74.21 4.73 0.00	80.58 5.93 -0.55	108.10 7.78 -11.90	111.88 8.01 -12.80	103.32 7.69 -7.21	95.23 6.93 -4.82	78.62 5.11 -1.49	76.23 4.15 -0.52	76.25 4.00 -0.90
BURROWS___LYONSDAL 23803	65.35 1.28 0.00	63.14 1.18 0.00	62.91 1.17 0.00	59.42 1.22 0.00	61.97 1.27 0.00	64.67 1.45 0.00	72.83 1.78 0.00	73.49 1.93 0.00	73.44 1.65 0.00	72.84 1.50 0.00	70.90 1.32 0.00	62.59 0.92 0.00	59.89 0.89 0.00	62.43 0.98 0.00	67.99 1.07 0.00	70.74 1.25 0.00	76.03 1.93 0.00	91.34 2.92 0.00	94.25 3.19 0.00	91.60 3.18 0.00	86.41 2.92 0.00	74.47 2.45 0.00	73.86 2.29 0.00	73.56 2.21 0.00
CAITHNESS_CC_1 323624	67.98 3.91 0.00	65.62 3.65 0.00	65.06 3.33 0.00	61.40 3.20 0.00	63.79 3.09 0.00	66.76 3.54 0.00	85.79 5.18 -9.54	105.66 6.30 -27.81	102.56 6.82 -23.95	84.70 6.06 -7.30	75.85 5.43 -0.84	66.47 4.81 0.00	63.43 4.43 0.00	66.00 4.55 0.00	72.41 5.49 0.00	89.88 5.76 -14.63	111.35 7.34 -29.91	132.75 9.47 -34.86	138.21 9.56 -37.58	114.00 8.93 -16.66	112.32 7.85 -20.98	101.79 5.62 -24.15	102.09 5.08 -25.44	96.31 4.71 -20.25
CALPINE BETH_PAGE_GT4 24209	67.08 3.01 0.00	64.75 2.79 0.00	64.26 2.53 0.00	60.53 2.33 0.00	62.94 2.25 0.00	65.75 2.53 0.00	84.51 3.91 -9.54	104.37 5.01 -27.81	101.26 5.53 -23.95	83.71 5.07 -7.30	75.01 4.59 -0.84	65.73 4.07 0.00	62.78 3.78 0.00	65.38 3.93 0.00	71.47 4.55 0.00	89.19 5.07 -14.63	110.39 6.37 -29.91	131.59 8.31 -34.86	137.25 8.65 -37.53	113.21 8.13 -16.66	111.90 7.43 -20.98	101.86 5.69 -24.15	101.73 4.72 -25.44	96.09 4.50 -20.25
CALPINE_BETH_PAGE_GT_4 323586	66.95 2.89 0.00	64.62 2.66 0.00	64.14 2.41 0.00	60.53 2.33 0.00	62.94 2.25 0.00	65.75 2.53 0.00	84.51 3.91 -9.54	104.37 5.01 -27.81	101.34 5.60 -23.95	83.71 5.07 -7.30	75.01 4.59 -0.84	65.73 4.07 0.00	62.78 3.78 0.00	65.33 3.87 0.00	71.54 4.61 0.00	89.19 5.07 -14.63	110.39 6.37 -29.91	131.59 8.31 -34.86	137.25 8.66 -37.53	113.30 8.22 -16.66	111.99 7.52 -20.98	101.50 5.33 -24.15	101.65 4.65 -25.44	95.73 4.14 -20.25
CALPINE_BP_GT1 23823	66.95 2.89 0.00	64.62 2.66 0.00	64.14 2.41 0.00	60.53 2.33 0.00	62.94 2.25 0.00	65.75 2.53 0.00	84.51 3.91 -9.54	104.37 5.01 -27.81	101.34 5.60 -23.95	83.71 5.07 -7.30	75.01 4.59 -0.84	65.73 4.07 0.00	62.78 3.78 0.00	65.33 3.87 0.00	71.54 4.61 0.00	89.19 5.07 -14.63	110.39 6.37 -29.91	131.59 8.31 -34.86	137.25 8.66 -37.53	113.30 8.22 -16.66	111.99 7.52 -20.98	101.50 5.33 -24.15	101.65 4.65 -25.44	95.73 4.14 -20.25
CALSPAN___DRP 24200	59.78 -4.29 0.00	57.75 -4.21 0.00	57.91 -3.83 0.00	54.54 -3.67 0.00	57.18 -3.52 0.00	59.61 -3.60 0.00	66.87 -4.19 0.00	65.90 -5.65 0.00	65.54 -6.25 0.00	64.42 -6.92 0.00	63.11 -6.47 0.00	56.23 -5.43 0.00	53.46 -5.55 0.00	56.04 -5.41 0.00	60.36 -6.56 0.00	63.16 -6.32 0.00	67.36 -6.74 0.00	84.65 -6.01 -2.24	87.45 -5.65 -2.03	82.05 -6.37 0.00	77.64 -5.84 0.00	69.00 -3.02 0.00	67.27 -4.29 0.00	67.21 -4.14 0.00

CALVERTON___SOLAR 323806	68.30 4.23 0.00	65.93 3.97 0.00	65.37 3.64 0.00	61.69 3.49 0.00	64.09 3.40 0.00	67.07 3.86 0.00	86.15 5.55 -9.54	106.09 6.72 -27.81	102.91 7.18 -23.95	85.06 6.42 -7.30	76.12 5.71 -0.84	66.65 4.99 0.00	63.61 4.61 0.00	66.18 4.73 0.00	72.61 5.69 0.00	90.16 6.04 -14.63	111.72 7.71 -29.91	133.36 10.08 -34.86	138.94 10.29 -37.58	114.36 9.28 -16.66	112.57 8.10 -20.98	102.00 5.83 -24.15	102.37 5.37 -25.44	96.66 5.07 -20.25
CANDIGU_WT_PWR 323617	60.93 -3.14 0.00	58.80 -3.16 0.00	58.83 -2.90 0.00	55.35 -2.85 0.00	57.97 -2.73 0.00	60.37 -2.84 0.00	68.24 -2.92 -0.10	68.61 -3.65 -0.70	68.22 -4.09 -0.52	66.63 -4.71 0.00	64.92 -4.66 0.00	57.34 -4.32 0.00	54.70 -4.30 0.00	57.21 -4.24 0.00	61.70 -5.22 0.00	64.90 -4.59 0.00	70.27 -4.00 -0.16	88.63 -2.92 -3.13	92.05 -2.45 -3.44	88.10 -2.48 -2.16	82.34 -2.59 -1.44	70.59 -1.87 -0.45	69.64 -2.08 -0.15	70.05 -1.57 -0.27
CARR STREET_E__SYR 24060	61.70 -2.37 0.00	59.67 -2.29 0.00	59.45 -2.28 0.00	56.05 -2.15 0.00	58.57 -2.13 0.00	61.07 -2.15 0.00	68.93 -2.13 0.00	69.55 -2.00 0.00	69.70 -2.08 0.00	69.06 -2.29 0.00	67.28 -2.29 0.00	59.63 -2.03 0.00	56.94 -2.07 0.00	59.48 -1.97 0.00	64.58 -2.34 0.00	67.26 -2.23 0.00	72.11 -2.00 0.00	86.83 -1.59 0.00	89.61 -1.46 0.00	86.83 -1.59 0.00	81.73 -1.76 0.00	70.44 -1.58 0.00	69.70 -1.86 0.00	69.50 -1.86 0.00
CARTHAGE___PAPER 23857	65.35 1.28 0.00	63.01 1.05 0.00	62.78 1.05 0.00	59.31 1.10 0.00	61.85 1.15 0.00	64.55 1.33 0.00	72.69 1.64 0.00	73.20 1.65 0.00	73.08 1.29 0.00	72.48 1.14 0.00	70.55 0.97 0.00	62.15 0.49 0.00	59.53 0.53 0.00	62.00 0.55 0.00	67.59 0.67 0.00	70.32 0.84 0.00	75.59 1.48 0.00	90.89 2.47 0.00	93.80 2.73 0.00	91.33 2.91 0.00	86.24 2.75 0.00	74.18 2.16 0.00	73.79 2.22 0.00	73.49 2.14 0.00
CASSADAGA_WT_PWR 323784	61.70 -2.37 0.00	59.54 -2.42 0.00	59.63 -2.10 0.00	56.11 -2.09 0.00	58.81 -1.88 0.00	61.32 -1.89 0.00	69.07 -1.99 0.00	68.19 -3.36 0.00	67.98 -3.81 0.00	66.42 -4.92 0.00	64.78 -4.80 0.00	57.59 -4.07 0.00	54.82 -4.19 0.00	57.46 -3.99 0.00	61.50 -5.42 0.00	64.83 -4.65 0.00	69.36 -4.74 0.00	87.67 -3.10 -2.35	90.74 -2.45 -2.13	85.59 -2.83 0.00	80.40 -3.09 0.00	70.00 -2.02 0.00	69.49 -2.08 0.00	69.99 -1.36 0.00
CE_DUNWOOD___DRP 24194	66.05 1.99 0.00	63.76 1.80 0.00	63.46 1.73 0.00	59.72 1.51 0.00	62.15 1.46 0.00	64.92 1.71 0.00	74.08 2.70 -0.32	77.70 3.79 -2.35	77.84 4.31 -1.75	75.19 3.85 0.00	72.99 3.41 0.00	64.81 3.14 0.00	62.01 3.01 0.00	64.52 3.07 0.00	70.40 3.48 0.00	73.38 3.89 0.00	79.62 4.97 -0.55	106.84 6.54 -11.87	110.67 6.83 -12.78	102.07 6.45 -7.19	94.14 5.84 -4.81	77.83 4.32 -1.48	75.52 3.44 -0.51	75.54 3.28 -0.90
CE_MILLWOOD___DRP 24193	65.99 1.92 0.00	63.70 1.73 0.00	63.34 1.61 0.00	59.66 1.46 0.00	62.09 1.40 0.00	64.86 1.64 0.00	74.00 2.63 -0.32	77.47 3.79 -2.34	77.69 4.16 -1.74	74.98 3.64 0.00	72.85 3.27 0.00	64.68 3.02 0.00	61.84 2.83 0.00	64.40 2.95 0.00	70.27 3.35 0.00	73.17 3.68 0.00	79.39 4.74 -0.54	106.53 6.28 -11.83	110.35 6.56 -12.73	101.78 6.19 -7.17	93.87 5.59 -4.79	77.68 4.18 -1.48	75.37 3.29 -0.51	75.39 3.14 -0.90
CE_NYC2_DRP 24202	66.05 1.99 0.00	63.63 1.67 0.00	63.21 1.48 0.00	59.42 1.22 0.00	61.85 1.15 0.00	64.67 1.45 0.00	73.94 2.56 -0.32	77.77 3.86 -2.35	77.99 4.45 -1.75	75.41 4.07 0.00	73.20 3.62 0.00	65.05 3.39 0.00	62.25 3.25 0.00	64.77 3.32 0.00	70.60 3.68 0.00	73.59 4.10 0.00	80.06 5.41 -0.55	107.48 7.16 -11.90	111.34 7.47 -12.80	102.61 6.99 -7.21	94.57 6.26 -4.82	78.04 4.54 -1.49	75.52 3.44 -0.52	75.61 3.35 -0.90
CE_NYC_DRP 24195	65.47 2.05 0.64	63.14 1.80 0.62	62.81 1.67 0.59	59.35 1.46 0.30	61.60 1.40 0.49	64.21 1.71 0.71	72.86 2.91 1.11	76.33 4.15 -0.63	76.53 4.74 -0.01	74.09 4.28 1.54	76.24 3.76 -2.90	65.38 3.45 -0.26	62.31 3.30 0.00	64.97 3.38 -0.13	73.23 3.81 -2.49	77.22 4.24 -3.49	80.06 5.41 -0.55	112.60 7.16 -17.02	119.50 7.38 -21.06	109.44 6.99 -14.04	99.46 6.26 -9.71	78.12 4.61 -1.49	79.31 3.65 -4.09	75.75 3.50 -0.90
CHAFFEE___LFGE 323603	60.10 -3.97 0.00	57.94 -4.03 0.00	58.09 -3.64 0.00	54.71 -3.49 0.00	57.36 -3.34 0.00	59.80 -3.41 0.00	67.15 -3.91 0.00	66.19 -5.37 0.00	65.90 -5.89 0.00	64.56 -6.78 0.00	63.25 -6.33 0.00	56.36 -5.30 0.00	53.69 -5.31 0.00	56.29 -5.16 0.00	60.23 -6.69 0.00	63.44 -6.05 0.00	67.58 -6.52 0.00	85.08 -5.66 -2.33	87.89 -5.28 -2.11	82.94 -5.48 0.00	77.90 -5.59 0.00	67.77 -4.25 0.00	67.41 -4.15 0.00	67.93 -3.42 0.00
CHATEAUG_35_KV_LOAD 355732	65.80 1.73 0.00	63.39 1.43 0.00	63.15 1.42 0.00	59.42 1.22 0.00	61.73 1.03 0.00	64.17 0.95 0.00	71.13 0.07 0.00	70.77 -0.79 0.00	70.42 -1.36 0.00	70.20 -1.14 0.00	68.53 -1.04 0.00	60.43 -1.23 0.00	58.12 -0.89 0.00	60.35 -1.11 0.00	65.79 -1.14 0.00	68.17 -1.32 0.00	71.96 -2.15 0.00	84.79 -3.63 0.00	87.06 -4.01 0.00	85.33 -3.09 0.00	80.98 -2.50 0.00	70.00 -2.02 0.00	70.99 -0.57 0.00	71.50 0.14 0.00
CHATEAUG_WT_PWR 323614	65.60 1.54 0.00	63.14 1.17 0.00	62.90 1.17 0.00	59.19 0.99 0.00	61.43 0.73 0.00	63.91 0.70 0.00	70.70 -0.35 0.00	70.41 -1.15 0.00	69.99 -1.79 0.00	69.77 -1.57 0.00	68.05 -1.53 0.00	60.06 -1.60 0.00	57.71 -1.30 0.00	59.98 -1.48 0.00	65.32 -1.61 0.00	67.68 -1.81 0.00	71.51 -2.60 0.00	84.35 -4.07 0.00	86.61 -4.46 0.00	84.62 -3.80 0.00	80.49 -3.00 0.00	70.22 -1.80 0.00	70.49 -1.07 0.00	71.35 0.00 0.00
CHAT_HIGH_FALL_HYD 323578	65.80 1.73 0.00	63.39 1.43 0.00	63.15 1.42 0.00	59.42 1.22 0.00	61.73 1.03 0.00	64.17 0.95 0.00	71.13 0.07 0.00	70.77 -0.79 0.00	70.42 -1.36 0.00	70.20 -1.14 0.00	68.53 -1.04 0.00	60.43 -1.23 0.00	58.12 -0.89 0.00	60.35 -1.11 0.00	65.79 -1.14 0.00	68.17 -1.32 0.00	71.96 -2.15 0.00	84.79 -3.63 0.00	87.06 -4.01 0.00	85.33 -3.09 0.00	80.98 -2.50 0.00	70.00 -2.02 0.00	70.99 -0.57 0.00	71.50 0.14 0.00
CHAUTAUQUA___LFGE 323629	60.93 -3.14 0.00	58.74 -3.22 0.00	58.89 -2.84 0.00	55.41 -2.79 0.00	58.09 -2.61 0.00	60.56 -2.65 0.00	68.08 -2.98 0.00	67.19 -4.37 0.00	66.90 -4.88 0.00	65.49 -5.85 0.00	64.01 -5.57 0.00	56.91 -4.75 0.00	54.17 -4.84 0.00	56.78 -4.67 0.00	60.77 -6.16 0.00	64.07 -5.42 0.00	68.40 -5.70 0.00	86.29 -4.42 -2.29	89.32 -3.82 -2.07	84.27 -4.15 0.00	79.23 -4.25 0.00	68.93 -3.09 0.00	68.56 -3.00 0.00	69.00 -2.35 0.00
CHERRYST_13_KV_LD 356241	65.67 2.24 0.64	63.32 1.98 0.62	63.00 1.85 0.59	59.47 1.57 0.30	61.72 1.52 0.49	64.40 1.90 0.71	73.07 3.13 1.11	76.55 4.36 -0.63	76.75 4.95 -0.01	74.37 4.57 1.54	73.61 4.04 0.00	65.36 3.70 0.00	62.54 3.54 0.00	65.08 3.63 0.00	71.00 4.08 0.00	74.00 4.52 0.00	80.36 5.71 -0.55	106.71 7.52 -10.78	110.10 7.65 -11.38	101.69 7.25 -6.02	94.04 6.60 -3.96	78.33 4.83 -1.49	75.95 3.86 -0.52	75.97 3.71 -0.90

CHESTROR_138KV_BK263 355645	65.54 1.47 0.00	63.32 1.36 0.00	62.97 1.23 0.00	59.31 1.11 0.00	61.73 1.03 0.00	64.48 1.26 0.00	73.41 2.06 -0.29	76.52 2.79 -2.17	76.71 3.30 -1.62	74.12 2.78 0.00	72.01 2.44 0.00	63.94 2.28 0.00	61.13 2.12 0.00	63.66 2.21 0.00	69.47 2.54 0.00	72.34 2.85 0.00	78.46 3.85 -0.51	104.67 5.22 -11.04	108.30 5.37 -11.86	100.19 5.13 -6.65	92.52 4.59 -4.44	76.78 3.38 -1.37	74.62 2.58 -0.48	74.68 2.50 -0.83
CH_MIDHUDSON___DRP 24192	66.37 2.31 0.00	64.07 2.11 0.00	63.77 2.04 0.00	60.07 1.86 0.00	62.52 1.82 0.00	65.30 2.09 0.00	74.38 2.98 -0.34	77.76 3.72 -2.49	77.87 4.24 -1.85	74.98 3.64 0.00	72.85 3.27 0.00	64.68 3.02 0.00	61.90 2.89 0.00	64.46 3.01 0.00	70.40 3.48 0.00	73.31 3.82 0.00	79.58 4.89 -0.58	107.13 6.45 -12.26	111.05 6.74 -13.24	102.40 6.37 -7.61	94.34 5.76 -5.09	77.98 4.39 -1.57	75.62 3.51 -0.54	75.73 3.42 -0.95
CH_MISC_IPPS 23765	66.50 2.43 0.00	64.26 2.29 0.00	63.95 2.22 0.00	60.24 2.04 0.00	62.70 2.00 0.00	65.49 2.27 0.00	74.66 3.27 -0.33	77.91 3.93 -2.42	78.11 4.53 -1.80	75.12 3.78 0.00	72.92 3.34 0.00	64.80 3.14 0.00	62.01 3.01 0.00	64.58 3.13 0.00	70.60 3.68 0.00	73.52 4.03 0.00	79.86 5.19 -0.56	107.34 6.90 -12.02	111.22 7.19 -12.97	102.82 6.98 -7.41	94.71 6.26 -4.95	77.87 4.32 -1.53	75.89 3.79 -0.53	75.71 3.42 -0.93
CH_RES_BVR_FALLS 23983	64.52 0.45 0.00	62.27 0.31 0.00	62.04 0.31 0.00	58.50 0.29 0.00	61.00 0.31 0.00	63.54 0.32 0.00	70.99 -0.07 0.00	71.06 -0.50 0.00	71.00 -0.79 0.00	70.70 -0.64 0.00	69.02 -0.56 0.00	60.98 -0.68 0.00	58.53 -0.47 0.00	60.84 -0.61 0.00	66.38 -0.54 0.00	68.79 -0.69 0.00	73.00 -1.11 0.00	86.56 -1.86 0.00	89.06 -2.00 0.00	86.65 -1.77 0.00	82.15 -1.34 0.00	71.30 -0.72 0.00	71.14 -0.43 0.00	71.14 -0.21 0.00
CH_RES_NIAGARA 23895	58.05 -6.02 0.00	56.14 -5.82 0.00	56.36 -5.37 0.00	53.08 -5.12 0.00	55.72 -4.98 0.00	58.10 -5.12 0.00	64.45 -6.61 0.00	63.54 -8.01 0.00	63.39 -8.40 0.00	62.35 -8.99 0.00	61.16 -8.42 0.00	54.51 -7.15 0.00	51.75 -7.26 0.00	54.26 -7.19 0.00	58.42 -8.50 0.00	61.08 -8.41 0.00	64.84 -9.26 0.00	81.21 -9.28 -2.08	83.75 -9.20 -1.88	78.52 -9.90 0.00	74.47 -9.02 0.00	66.40 -5.62 0.00	64.77 -6.80 0.00	64.57 -6.78 0.00
CH_RES_SYRACUSE 23985	61.89 -2.18 0.00	59.85 -2.11 0.00	59.70 -2.04 0.00	56.28 -1.92 0.00	58.81 -1.88 0.00	61.26 -1.96 0.00	69.14 -1.92 0.00	69.77 -1.79 0.00	69.99 -1.79 0.00	69.35 -2.00 0.00	67.49 -2.09 0.00	59.81 -1.85 0.00	57.17 -1.83 0.00	59.61 -1.84 0.00	64.78 -2.14 0.00	67.47 -2.02 0.00	72.33 -1.78 0.00	87.10 -1.32 0.00	89.98 -1.09 0.00	87.18 -1.24 0.00	82.07 -1.42 0.00	70.80 -1.22 0.00	69.99 -1.57 0.00	69.78 -1.57 0.00
CLINTON_WT_PWR 323605	65.60 1.54 0.00	63.14 1.17 0.00	62.90 1.17 0.00	59.19 0.99 0.00	61.43 0.73 0.00	63.91 0.70 0.00	70.70 -0.35 0.00	70.41 -1.15 0.00	69.99 -1.79 0.00	69.77 -1.57 0.00	68.05 -1.53 0.00	60.06 -1.60 0.00	57.71 -1.30 0.00	59.98 -1.48 0.00	65.32 -1.61 0.00	67.68 -1.81 0.00	71.51 -2.60 0.00	84.35 -4.07 0.00	86.61 -4.46 0.00	84.62 -3.80 0.00	80.49 -3.00 0.00	70.22 -1.80 0.00	70.49 -1.07 0.00	71.35 0.00 0.00
CLINTON___LFGE 323618	66.88 2.82 0.00	64.38 2.41 0.00	64.14 2.41 0.00	60.29 2.09 0.00	62.64 1.94 0.00	65.24 2.02 0.00	72.05 0.99 0.00	71.70 0.14 0.00	71.21 -0.58 0.00	70.92 -0.43 0.00	69.09 -0.48 0.00	60.92 -0.74 0.00	58.59 -0.41 0.00	60.84 -0.61 0.00	66.32 -0.60 0.00	68.86 -0.63 0.00	72.77 -1.33 0.00	85.77 -2.65 0.00	88.15 -2.92 0.00	86.12 -2.30 0.00	82.07 -1.42 0.00	71.59 -0.43 0.00	71.93 0.36 0.00	72.92 1.57 0.00
COBBLENY_34_KV_TB1 80064	59.90 -4.16 0.00	57.93 -4.03 0.00	58.09 -3.64 0.00	54.71 -3.49 0.00	57.36 -3.34 0.00	59.80 -3.41 0.00	67.15 -3.91 0.00	66.19 -5.37 0.00	65.90 -5.89 0.00	64.56 -6.78 0.00	63.18 -6.40 0.00	56.48 -5.18 0.00	53.69 -5.31 0.00	56.23 -5.22 0.00	60.57 -6.36 0.00	63.37 -6.11 0.00	67.58 -6.52 0.00	85.09 -5.66 -2.33	87.89 -5.28 -2.11	82.32 -6.10 0.00	77.90 -5.59 0.00	69.21 -2.81 0.00	67.42 -4.15 0.00	67.50 -3.85 0.00
COFFEEN___115KV_TB3 355620	65.67 1.60 0.00	63.39 1.43 0.00	63.15 1.42 0.00	59.66 1.46 0.00	62.27 1.58 0.00	64.99 1.77 0.00	73.40 2.34 0.00	74.06 2.50 0.00	74.01 2.23 0.00	73.34 2.00 0.00	71.25 1.67 0.00	62.71 1.05 0.00	60.01 1.00 0.00	62.62 1.17 0.00	68.19 1.27 0.00	71.15 1.67 0.00	76.70 2.59 0.00	92.66 4.24 0.00	95.80 4.74 0.00	93.11 4.69 0.00	87.75 4.26 0.00	75.55 3.53 0.00	74.71 3.15 0.00	74.28 2.93 0.00
COLDSPRG_115KV_BK1 355956	61.83 -2.24 0.00	59.79 -2.17 0.00	59.88 -1.85 0.00	56.34 -1.86 0.00	59.06 -1.64 0.00	61.57 -1.64 0.00	69.57 -1.56 -0.08	68.99 -3.15 -0.58	68.92 -3.30 -0.43	66.71 -4.64 0.00	65.06 -4.52 0.00	58.08 -3.58 0.00	55.29 -3.72 0.00	57.83 -3.63 0.00	62.24 -4.68 0.00	65.25 -4.24 0.00	70.02 -4.22 -0.13	88.33 -2.65 -2.56	91.88 -2.00 -2.82	87.28 -2.92 -1.77	82.00 -2.67 -1.19	71.88 -0.50 -0.37	69.76 -1.93 -0.13	70.15 -1.43 -0.22
COLONIE_LFGE___ 323577	66.82 2.75 0.00	64.62 2.66 0.00	64.39 2.65 0.00	60.70 2.50 0.00	63.30 2.61 0.00	65.87 2.65 0.00	77.27 3.34 -2.87	96.38 3.72 -21.11	91.45 3.95 -15.72	74.98 3.64 0.00	73.06 3.48 0.00	64.68 3.02 0.00	61.84 2.83 0.00	64.40 2.95 0.00	70.20 3.28 0.00	73.17 3.68 0.00	83.39 4.37 -4.91	141.58 5.48 -47.67	158.14 5.74 -61.34	158.53 5.48 -64.63	131.68 5.01 -43.18	89.31 3.96 -13.33	79.91 3.72 -4.62	83.01 3.57 -8.09
COOPERNY_115KV_TB1 80082	65.03 0.96 0.00	62.89 0.93 0.00	62.60 0.86 0.00	58.96 0.76 0.00	61.42 0.73 0.00	64.10 0.89 0.00	72.79 1.49 -0.24	75.56 2.22 -1.79	75.70 2.58 -1.33	73.55 2.21 0.00	71.53 1.95 0.00	63.39 1.73 0.00	60.66 1.65 0.00	63.17 1.72 0.00	68.86 1.94 0.00	71.71 2.22 0.00	77.56 3.04 -0.42	101.83 4.16 -9.25	105.36 4.37 -9.92	98.05 4.16 -5.47	90.90 3.76 -3.66	75.96 2.81 -1.13	74.10 2.15 -0.39	74.11 2.07 -0.69
COPENHAGEN_WT_PWR 323753	64.97 0.90 0.00	62.71 0.75 0.00	62.48 0.74 0.00	59.02 0.81 0.00	61.55 0.85 0.00	64.23 1.01 0.00	72.40 1.35 0.00	73.13 1.57 0.00	73.08 1.29 0.00	72.41 1.07 0.00	70.48 0.90 0.00	62.10 0.43 0.00	59.42 0.42 0.00	62.00 0.55 0.00	67.46 0.53 0.00	70.32 0.84 0.00	75.66 1.56 0.00	91.25 2.83 0.00	94.34 3.27 0.00	91.78 3.36 0.00	86.41 2.92 0.00	74.32 2.30 0.00	73.71 2.14 0.00	73.42 2.07 0.00
CORNELL_____ 23752	63.94 -0.13 0.00	61.84 -0.12 0.00	61.67 -0.06 0.00	58.14 -0.06 0.00	60.76 0.06 0.00	63.41 0.19 0.00	71.80 0.64 -0.11	73.19 0.86 -0.78	73.16 0.79 -0.58	71.70 0.36 0.00	69.72 0.14 0.00	61.66 0.00 0.00	58.89 -0.12 0.00	61.45 0.00 0.00	66.86 -0.07 0.00	69.77 0.28 0.00	75.32 1.04 -0.18	94.11 2.39 -3.31	97.55 2.82 -3.67	93.19 2.39 -2.39	87.17 2.09 -1.59	74.60 2.09 -0.49	72.95 1.22 -0.17	72.72 1.07 -0.30

CORONA__69_KV_TB1 355595	67.14 3.08 0.00	64.87 2.91 0.00	64.39 2.65 0.00	60.65 2.44 0.00	63.06 2.37 0.00	65.87 2.66 0.00	84.58 3.98 -9.54	104.37 5.01 -27.81	101.33 5.60 -23.95	83.78 5.14 -7.30	75.08 4.66 -0.84	65.79 4.13 0.00	62.90 3.89 0.00	65.45 3.99 0.00	71.54 4.62 0.00	89.26 5.14 -14.63	110.24 6.22 -29.91	131.42 8.13 -34.86	137.16 8.56 -37.53	113.12 8.05 -16.66	111.82 7.35 -20.98	101.86 5.69 -24.15	101.80 4.79 -25.44	96.31 4.71 -20.25
CORTLAND__115KV_TB3 80093	63.56 -0.51 0.00	61.47 -0.50 0.00	61.30 -0.43 0.00	57.80 -0.41 0.00	60.39 -0.30 0.00	62.96 -0.25 0.00	71.21 0.07 -0.08	72.36 0.21 -0.58	72.37 0.14 -0.44	71.20 -0.14 0.00	69.30 -0.28 0.00	61.35 -0.31 0.00	58.59 -0.41 0.00	61.14 -0.31 0.00	66.45 -0.47 0.00	69.28 -0.21 0.00	74.61 0.37 -0.14	92.40 1.41 -2.56	95.62 1.73 -2.82	91.54 1.33 -1.79	85.77 1.09 -1.20	73.61 1.22 -0.37	72.12 0.43 -0.13	71.93 0.36 -0.22
COXSACKIE__GT 23611	68.88 4.81 0.00	66.73 4.77 0.00	66.55 4.82 0.00	62.75 4.54 0.00	65.31 4.61 0.00	68.09 4.87 0.00	77.09 4.97 -1.06	83.83 4.44 -7.83	82.28 4.66 -5.83	75.55 4.21 0.00	73.06 3.48 0.00	64.68 3.02 0.00	61.78 2.77 0.00	64.52 3.07 0.00	70.60 3.68 0.00	73.73 4.24 0.00	80.82 4.89 -1.82	117.98 6.54 -23.02	125.39 6.74 -27.58	118.94 6.54 -23.98	105.53 6.01 -16.02	81.58 4.61 -4.95	77.65 4.37 -1.71	79.56 5.21 -3.00
CPV_VALLEY__CC1 323721	65.03 0.96 0.00	62.89 0.93 0.00	62.53 0.80 0.00	58.96 0.75 0.00	61.37 0.67 0.00	64.04 0.82 0.00	72.89 1.56 -0.27	75.86 2.29 -2.01	76.01 2.73 -1.50	73.62 2.28 0.00	71.52 1.95 0.00	63.51 1.85 0.00	60.72 1.71 0.00	63.23 1.78 0.00	69.06 2.14 0.00	71.85 2.36 0.00	77.76 3.18 -0.47	103.04 4.33 -10.29	106.67 4.55 -11.06	98.92 4.33 -6.17	91.45 3.84 -4.12	75.74 2.45 -1.27	74.01 2.00 -0.44	73.83 1.71 -0.77
CPV_VALLEY__CC2 323722	65.03 0.96 0.00	62.89 0.93 0.00	62.53 0.80 0.00	58.96 0.75 0.00	61.37 0.67 0.00	64.04 0.82 0.00	72.89 1.56 -0.27	75.86 2.29 -2.01	76.01 2.73 -1.50	73.62 2.28 0.00	71.52 1.95 0.00	63.51 1.85 0.00	60.72 1.71 0.00	63.23 1.78 0.00	69.06 2.14 0.00	71.85 2.36 0.00	77.76 3.18 -0.47	103.04 4.33 -10.29	106.67 4.55 -11.06	98.92 4.33 -6.17	91.45 3.84 -4.12	75.74 2.45 -1.27	74.01 2.00 -0.44	73.83 1.71 -0.77
CRESCENT__HYD 24018	66.82 2.75 0.00	64.62 2.66 0.00	64.39 2.65 0.00	60.70 2.50 0.00	63.30 2.61 0.00	65.87 2.65 0.00	77.27 3.34 -2.87	96.38 3.72 -21.11	91.45 3.95 -15.72	74.98 3.64 0.00	73.06 3.48 0.00	64.68 3.02 0.00	61.84 2.83 0.00	64.40 2.95 0.00	70.20 3.28 0.00	73.17 3.68 0.00	83.39 4.37 -4.91	141.58 5.48 -47.67	158.14 5.74 -61.34	158.53 5.48 -64.63	131.68 5.01 -43.18	89.31 3.96 -13.33	79.91 3.72 -4.62	83.01 3.57 -8.09
CRICKET__VALLEY_CC1 323756	66.12 2.05 0.00	63.88 1.92 0.00	63.58 1.85 0.00	59.89 1.69 0.00	62.39 1.70 0.00	65.05 1.83 0.00	74.08 2.63 -0.39	77.88 3.43 -2.89	77.81 3.87 -2.15	74.77 3.42 0.00	72.64 3.06 0.00	64.62 2.96 0.00	61.78 2.77 0.00	64.34 2.89 0.00	70.20 3.28 0.00	73.03 3.54 0.00	79.23 4.45 -0.67	107.42 5.74 -13.25	111.57 6.01 -14.49	103.02 5.74 -8.85	94.58 5.18 -5.91	77.45 3.60 -1.83	75.34 3.15 -0.63	75.24 2.78 -1.11
CRICKET__VALLEY_CC2 323757	66.12 2.05 0.00	63.88 1.92 0.00	63.58 1.85 0.00	59.89 1.69 0.00	62.39 1.70 0.00	65.05 1.83 0.00	74.08 2.63 -0.39	77.88 3.43 -2.89	77.81 3.87 -2.15	74.77 3.42 0.00	72.64 3.06 0.00	64.62 2.96 0.00	61.78 2.77 0.00	64.34 2.89 0.00	70.20 3.28 0.00	73.03 3.54 0.00	79.23 4.45 -0.67	107.42 5.74 -13.25	111.57 6.01 -14.49	103.02 5.74 -8.85	94.58 5.18 -5.91	77.45 3.60 -1.83	75.34 3.15 -0.63	75.24 2.78 -1.11
CRICKET__VALLEY_CC3 323758	66.12 2.05 0.00	63.88 1.92 0.00	63.58 1.85 0.00	59.89 1.69 0.00	62.39 1.70 0.00	65.05 1.83 0.00	74.08 2.63 -0.39	77.88 3.43 -2.89	77.81 3.87 -2.15	74.77 3.42 0.00	72.64 3.06 0.00	64.62 2.96 0.00	61.78 2.77 0.00	64.34 2.89 0.00	70.20 3.28 0.00	73.03 3.54 0.00	79.23 4.45 -0.67	107.42 5.74 -13.25	111.57 6.01 -14.49	103.02 5.74 -8.85	94.58 5.18 -5.91	77.45 3.60 -1.83	75.34 3.15 -0.63	75.24 2.78 -1.11
CRUCIBLE__METL_DRP 24180	61.89 -2.18 0.00	59.85 -2.11 0.00	59.70 -2.04 0.00	56.28 -1.92 0.00	58.81 -1.88 0.00	61.26 -1.96 0.00	69.14 -1.92 0.00	69.77 -1.79 0.00	69.99 -1.79 0.00	69.34 -2.00 0.00	67.49 -2.09 0.00	59.81 -1.85 0.00	57.18 -1.83 0.00	59.61 -1.84 0.00	64.78 -2.14 0.00	67.47 -2.02 0.00	72.33 -1.78 0.00	87.09 -1.33 0.00	89.97 -1.09 0.00	87.01 -1.41 0.00	82.07 -1.42 0.00	71.16 -0.86 0.00	69.99 -1.57 0.00	69.64 -1.71 0.00
DAHOWA__HYDRO 323763	68.11 4.04 0.00	65.99 4.03 0.00	65.74 4.01 0.00	61.98 3.78 0.00	64.64 3.94 0.00	67.27 4.05 0.00	79.44 5.05 -3.33	101.46 5.37 -24.53	95.44 5.39 -18.26	76.33 4.99 0.00	74.24 4.66 0.00	65.48 3.82 0.00	62.54 3.54 0.00	65.20 3.75 0.00	71.14 4.22 0.00	74.42 4.93 0.00	85.82 6.00 -5.71	150.00 7.61 -53.97	168.88 7.83 -69.98	171.03 7.51 -75.10	140.68 7.01 -50.18	93.28 5.76 -15.49	82.45 5.51 -5.37	85.96 5.21 -9.41
DANC__LFGE 323619	63.62 -0.45 0.00	61.46 -0.50 0.00	61.24 -0.50 0.00	57.80 -0.40 0.00	60.33 -0.36 0.00	62.84 -0.38 0.00	70.77 -0.28 0.00	71.48 -0.07 0.00	71.50 -0.29 0.00	70.92 -0.43 0.00	69.09 -0.48 0.00	60.98 -0.68 0.00	58.30 -0.71 0.00	60.84 -0.61 0.00	66.12 -0.80 0.00	68.93 -0.56 0.00	74.03 -0.07 0.00	89.21 0.79 0.00	92.25 1.18 0.00	89.57 1.15 0.00	84.32 0.83 0.00	72.59 0.57 0.00	72.00 0.43 0.00	71.71 0.36 0.00
DANSKAMMER__1 23586	66.50 2.43 0.00	64.26 2.29 0.00	63.95 2.22 0.00	60.24 2.04 0.00	62.70 2.00 0.00	65.49 2.27 0.00	74.66 3.27 -0.33	77.91 3.93 -2.42	78.11 4.53 -1.80	75.12 3.78 0.00	72.92 3.34 0.00	64.80 3.14 0.00	62.01 3.01 0.00	64.58 3.13 0.00	70.60 3.68 0.00	73.52 4.03 0.00	79.86 5.19 -0.56	107.34 6.90 -12.02	111.22 7.19 -12.97	102.82 6.98 -7.41	94.71 6.26 -4.95	77.87 4.32 -1.53	75.89 3.79 -0.53	75.71 3.42 -0.93
DANSKAMMER__2 23589	66.50 2.43 0.00	64.26 2.29 0.00	63.95 2.22 0.00	60.24 2.04 0.00	62.70 2.00 0.00	65.49 2.27 0.00	74.66 3.27 -0.33	77.91 3.93 -2.42	78.11 4.53 -1.80	75.12 3.78 0.00	72.92 3.34 0.00	64.80 3.14 0.00	62.01 3.01 0.00	64.58 3.13 0.00	70.60 3.68 0.00	73.52 4.03 0.00	79.86 5.19 -0.56	107.34 6.90 -12.02	111.22 7.19 -12.97	102.82 6.98 -7.41	94.71 6.26 -4.95	77.87 4.32 -1.53	75.89 3.79 -0.53	75.71 3.42 -0.93
DANSKAMMER__3 23590	66.50 2.43 0.00	64.26 2.29 0.00	63.95 2.22 0.00	60.24 2.04 0.00	62.70 2.00 0.00	65.49 2.27 0.00	74.66 3.27 -0.33	77.91 3.93 -2.42	78.11 4.53 -1.80	75.12 3.78 0.00	72.92 3.34 0.00	64.80 3.14 0.00	62.01 3.01 0.00	64.58 3.13 0.00	70.60 3.68 0.00	73.52 4.03 0.00	79.86 5.19 -0.56	107.34 6.90 -12.02	111.22 7.19 -12.97	102.82 6.98 -7.41	94.71 6.26 -4.95	77.87 4.32 -1.53	75.89 3.79 -0.53	75.71 3.42 -0.93

DANSKAMMER___4 23591	66.50 2.43 0.00	64.26 2.29 0.00	63.95 2.22 0.00	60.24 2.04 0.00	62.70 2.00 0.00	65.49 2.27 0.00	74.66 3.27 -0.33	77.91 3.93 -2.42	78.11 4.53 -1.80	75.12 3.78 0.00	72.92 3.34 0.00	64.80 3.14 0.00	62.01 3.01 0.00	64.58 3.13 0.00	70.60 3.68 0.00	73.52 4.03 0.00	79.86 5.19 -0.56	107.34 6.90 -12.02	111.22 7.19 -12.97	102.82 6.98 -7.41	94.71 6.26 -4.95	77.87 4.32 -1.53	75.89 3.79 -0.53	75.71 3.42 -0.93
DANSKAMMER___DIESEL 23592	66.57 2.50 0.00	64.25 2.29 0.00	63.96 2.22 0.00	60.24 2.04 0.00	62.70 2.00 0.00	65.49 2.28 0.00	74.66 3.27 -0.33	77.91 3.94 -2.42	78.11 4.52 -1.80	75.12 3.78 0.00	72.92 3.34 0.00	64.81 3.14 0.00	62.01 3.01 0.00	64.59 3.13 0.00	70.54 3.61 0.00	73.45 3.96 0.00	79.86 5.19 -0.56	107.33 6.90 -12.02	111.23 7.19 -12.97	102.73 6.90 -7.41	94.70 6.26 -4.95	78.23 4.68 -1.53	75.89 3.79 -0.53	75.99 3.71 -0.93
DARBY___SOLAR 323810	67.78 3.71 0.00	65.62 3.65 0.00	65.37 3.64 0.00	61.69 3.49 0.00	64.28 3.58 0.00	66.95 3.73 0.00	78.95 4.62 -3.28	100.60 4.93 -24.11	94.76 5.02 -17.95	75.91 4.57 0.00	73.89 4.32 0.00	65.24 3.57 0.00	62.31 3.30 0.00	64.89 3.44 0.00	70.87 3.95 0.00	74.07 4.59 0.00	85.28 5.56 -5.61	148.69 7.08 -53.19	167.27 7.29 -68.91	169.21 6.98 -73.81	139.32 6.52 -49.31	92.57 5.33 -15.22	81.92 5.08 -5.28	85.38 4.78 -9.24
DASHVILLE___HYD 23610	65.93 1.86 0.00	63.76 1.80 0.00	63.40 1.67 0.00	59.72 1.51 0.00	62.21 1.52 0.00	64.92 1.71 0.00	73.38 1.85 -0.47	77.55 2.50 -3.49	77.40 3.02 -2.60	74.20 2.85 0.00	72.01 2.44 0.00	64.00 2.34 0.00	61.25 2.24 0.00	63.85 2.40 0.00	69.73 2.81 0.00	72.61 3.13 0.00	78.55 3.63 -0.81	107.63 5.04 -14.17	112.19 5.28 -15.84	104.05 4.95 -10.68	95.05 4.42 -7.13	77.39 3.17 -2.20	74.62 2.29 -0.76	74.90 2.21 -1.34
DEERFIELD_69_KV_DEERFIELD LD 355887	68.87 4.81 0.00	66.42 4.46 0.00	65.87 4.14 0.00	62.04 3.84 0.00	64.46 3.76 0.00	67.52 4.30 0.00	86.71 6.11 -9.54	106.66 7.30 -27.81	103.42 7.68 -23.95	85.63 6.99 -7.30	76.40 5.98 -0.84	66.78 5.12 0.00	63.72 4.72 0.00	66.31 4.85 0.00	72.74 5.82 0.00	90.44 6.32 -14.63	112.02 8.00 -29.91	133.98 10.70 -34.86	139.76 11.11 -37.58	114.89 9.81 -16.66	113.07 8.60 -20.98	102.79 6.63 -24.15	102.80 5.80 -25.44	97.59 5.99 -20.25
DELAWARE___LFGE 323621	65.35 1.28 0.00	63.39 1.43 0.00	63.09 1.36 0.00	59.48 1.28 0.00	62.03 1.34 0.00	64.67 1.45 0.00	73.45 1.92 -0.47	77.39 2.36 -3.48	76.96 2.58 -2.59	73.55 2.21 0.00	71.60 2.02 0.00	63.39 1.73 0.00	60.54 1.53 0.00	63.17 1.72 0.00	68.80 1.87 0.00	71.50 2.02 0.00	77.73 2.82 -0.81	103.24 4.07 -10.75	108.17 4.37 -12.73	103.13 4.07 -10.64	94.27 3.67 -7.11	77.17 2.95 -2.20	74.69 2.36 -0.76	74.97 2.28 -1.33
DERFIELD_115KV_TB7 355931	64.39 0.32 0.00	62.27 0.31 0.00	62.04 0.31 0.00	58.49 0.29 0.00	61.00 0.30 0.00	63.53 0.32 0.00	71.56 0.50 0.00	72.20 0.64 0.00	72.58 0.79 0.00	71.98 0.64 0.00	70.13 0.56 0.00	62.15 0.49 0.00	59.42 0.41 0.00	61.94 0.49 0.00	67.46 0.54 0.00	70.11 0.63 0.00	75.00 0.89 0.00	89.66 1.24 0.00	92.34 1.27 0.00	89.66 1.24 0.00	84.57 1.09 0.00	72.88 0.86 0.00	72.21 0.64 0.00	71.99 0.64 0.00
DOGLEVILLE___HYD 23807	66.31 2.24 0.00	63.94 1.98 0.00	63.52 1.79 0.00	59.71 1.51 0.00	62.21 1.52 0.00	64.99 1.77 0.00	73.40 2.34 0.00	73.91 2.36 0.00	74.15 2.37 0.00	73.19 1.85 0.00	71.11 1.53 0.00	62.77 1.11 0.00	59.71 0.71 0.00	62.19 0.74 0.00	67.79 0.87 0.00	70.53 1.04 0.00	75.88 1.78 0.00	91.16 2.74 0.00	94.34 3.27 0.00	91.87 3.44 0.00	86.74 3.25 0.00	75.12 3.09 0.00	74.86 3.29 0.00	74.71 3.35 0.00
DUNKIRK___115KV_TB_200 55889	60.61 -3.46 0.00	58.62 -3.35 0.00	58.77 -2.96 0.00	55.29 -2.91 0.00	57.96 -2.73 0.00	60.44 -2.78 0.00	67.93 -3.13 0.00	67.05 -4.51 0.00	66.76 -5.03 0.00	65.42 -5.92 0.00	63.87 -5.71 0.00	56.91 -4.75 0.00	54.11 -4.90 0.00	56.60 -4.85 0.00	60.97 -5.96 0.00	63.93 -5.56 0.00	68.33 -5.78 0.00	86.10 -4.60 -2.28	89.03 -4.10 -2.07	83.47 -4.95 0.00	79.06 -4.42 0.00	70.22 -1.80 0.00	68.35 -3.22 0.00	68.36 -3.00 0.00
DUNKIRK___1 23563	60.61 -3.46 0.00	58.62 -3.35 0.00	58.77 -2.96 0.00	55.29 -2.91 0.00	57.96 -2.73 0.00	60.44 -2.78 0.00	67.93 -3.13 0.00	67.05 -4.51 0.00	66.76 -5.03 0.00	65.42 -5.92 0.00	63.87 -5.71 0.00	56.91 -4.75 0.00	54.11 -4.90 0.00	56.60 -4.85 0.00	60.97 -5.96 0.00	63.93 -5.56 0.00	68.33 -5.78 0.00	86.10 -4.60 -2.28	89.03 -4.10 -2.07	83.47 -4.95 0.00	79.06 -4.42 0.00	70.22 -1.80 0.00	68.35 -3.22 0.00	68.36 -3.00 0.00
DUNKIRK___2 23564	60.61 -3.46 0.00	58.62 -3.35 0.00	58.77 -2.96 0.00	55.29 -2.91 0.00	57.96 -2.73 0.00	60.44 -2.78 0.00	67.93 -3.13 0.00	67.05 -4.51 0.00	66.76 -5.03 0.00	65.42 -5.92 0.00	63.87 -5.71 0.00	56.91 -4.75 0.00	54.11 -4.90 0.00	56.60 -4.85 0.00	60.97 -5.96 0.00	63.93 -5.56 0.00	68.33 -5.78 0.00	86.10 -4.60 -2.28	89.03 -4.10 -2.07	83.47 -4.95 0.00	79.06 -4.42 0.00	70.22 -1.80 0.00	68.35 -3.22 0.00	68.36 -3.00 0.00
DUNKIRK___3 23565	60.29 -3.78 0.00	58.24 -3.72 0.00	58.40 -3.33 0.00	54.94 -3.26 0.00	57.66 -3.03 0.00	60.12 -3.10 0.00	67.50 -3.55 0.00	66.55 -5.01 0.00	66.26 -5.53 0.00	65.06 -6.28 0.00	63.52 -6.05 0.00	56.60 -5.06 0.00	53.81 -5.19 0.00	56.35 -5.10 0.00	60.70 -6.22 0.00	63.58 -5.91 0.00	67.96 -6.15 0.00	85.55 -5.13 -2.25	88.37 -4.74 -2.04	82.94 -5.48 0.00	78.48 -5.01 0.00	69.72 -2.30 0.00	67.92 -3.65 0.00	67.93 -3.42 0.00
DUNKIRK___4 23566	60.29 -3.78 0.00	58.24 -3.72 0.00	58.40 -3.33 0.00	54.94 -3.26 0.00	57.66 -3.03 0.00	60.12 -3.10 0.00	67.50 -3.55 0.00	66.55 -5.01 0.00	66.26 -5.53 0.00	65.06 -6.28 0.00	63.52 -6.05 0.00	56.60 -5.06 0.00	53.81 -5.19 0.00	56.35 -5.10 0.00	60.70 -6.22 0.00	63.58 -5.91 0.00	67.96 -6.15 0.00	85.55 -5.13 -2.25	88.37 -4.74 -2.04	82.94 -5.48 0.00	78.48 -5.01 0.00	69.72 -2.30 0.00	67.92 -3.65 0.00	67.93 -3.42 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	66.18 2.11 0.00	63.88 1.92 0.00	63.52 1.79 0.00	59.77 1.57 0.00	62.21 1.52 0.00	65.05 1.83 0.00	74.29 2.91 -0.32	77.92 4.01 -2.35	78.06 4.52 -1.75	75.41 4.07 0.00	73.20 3.62 0.00	64.99 3.33 0.00	62.19 3.19 0.00	64.71 3.26 0.00	70.60 3.68 0.00	73.59 4.10 0.00	79.84 5.19 -0.55	107.22 6.90 -11.90	110.97 7.10 -12.80	102.35 6.72 -7.21	94.40 6.09 -4.82	78.04 4.54 -1.49	75.66 3.58 -0.52	75.68 3.42 -0.90
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	65.93 1.86 0.00	63.70 1.73 0.00	63.40 1.67 0.00	59.66 1.46 0.00	62.15 1.46 0.00	64.92 1.71 0.00	73.93 2.56 -0.32	77.18 3.29 -2.34	77.33 3.80 -1.74	74.55 3.21 0.00	72.36 2.78 0.00	64.31 2.65 0.00	61.48 2.48 0.00	64.09 2.64 0.00	69.93 3.01 0.00	72.82 3.34 0.00	79.10 4.45 -0.54	106.07 6.01 -11.64	109.81 6.19 -12.55	101.50 5.92 -7.15	93.61 5.34 -4.78	77.46 3.96 -1.48	75.15 3.08 -0.51	75.32 3.07 -0.90

E179THST_138_KV_TB4_REV_LBMP_J 345001	66.05 1.99 0.00	63.51 1.55 0.00	63.09 1.36 0.00	59.25 1.05 0.00	61.67 0.97 0.00	64.42 1.20 0.00	73.58 2.20 -0.32	77.34 3.43 -2.35	77.63 4.09 -1.75	75.05 3.71 0.00	72.78 3.20 0.00	64.74 3.08 0.00	61.95 2.95 0.00	64.46 3.01 0.00	70.27 3.35 0.00	73.24 3.75 0.00	79.69 5.04 -0.55	107.04 6.72 -11.90	110.88 7.01 -12.80	102.17 6.54 -7.21	94.15 5.84 -4.82	77.68 4.18 -1.49	75.30 3.22 -0.52	75.61 3.35 -0.90
E179THST_13_KV_LOAD 356214	66.31 2.24 0.00	63.76 1.80 0.00	63.34 1.61 0.00	59.48 1.28 0.00	61.91 1.21 0.00	64.61 1.39 0.00	73.86 2.49 -0.32	77.70 3.79 -2.35	77.99 4.45 -1.75	75.34 4.00 0.00	73.13 3.55 0.00	64.99 3.33 0.00	62.25 3.25 0.00	64.71 3.26 0.00	70.54 3.61 0.00	73.59 4.10 0.00	80.06 5.41 -0.55	107.48 7.16 -11.90	111.34 7.47 -12.80	102.70 7.07 -7.21	94.65 6.35 -4.82	78.04 4.54 -1.49	75.66 3.58 -0.52	75.89 3.64 -0.90
EAST HAMPTON___GT 23717	68.55 4.48 0.00	66.18 4.22 0.00	65.62 3.89 0.00	61.93 3.73 0.00	64.28 3.58 0.00	67.32 4.11 0.00	86.57 5.97 -9.54	106.52 7.15 -27.81	103.34 7.61 -23.95	85.42 6.78 -7.30	75.85 5.43 -0.84	66.29 4.63 0.00	63.19 4.19 0.00	65.75 4.30 0.00	72.21 5.29 0.00	89.96 5.84 -14.63	111.65 7.63 -29.91	133.53 10.25 -34.86	139.39 10.74 -37.58	114.54 9.47 -16.66	112.66 8.19 -20.98	102.00 5.83 -24.15	102.30 5.30 -25.44	97.17 5.57 -20.25
EAST RIVER___6 23660	65.67 2.24 0.64	63.32 1.98 0.62	62.94 1.79 0.59	59.53 1.63 0.30	61.72 1.52 0.49	64.40 1.89 0.71	73.14 3.20 1.11	76.62 4.44 -0.63	76.89 5.10 -0.01	74.51 4.71 1.54	73.68 4.10 0.00	65.55 3.89 0.00	62.66 3.66 0.00	65.20 3.75 0.00	71.21 4.29 0.00	74.14 4.66 0.00	80.58 5.93 -0.55	106.89 7.69 -10.78	110.28 7.83 -11.38	101.95 7.51 -6.02	94.20 6.76 -3.96	78.05 4.54 -1.49	75.94 3.86 -0.52	75.54 3.28 -0.90
EAST RIVER___7 23524	65.67 2.24 0.64	63.32 1.98 0.62	62.94 1.79 0.59	59.53 1.63 0.30	61.72 1.52 0.49	64.40 1.89 0.71	73.14 3.20 1.11	76.62 4.44 -0.63	76.89 5.10 -0.01	74.51 4.71 1.54	73.68 4.10 0.00	65.55 3.89 0.00	62.66 3.66 0.00	65.20 3.75 0.00	71.21 4.29 0.00	74.14 4.66 0.00	80.58 5.93 -0.55	106.89 7.69 -10.78	110.28 7.83 -11.38	101.95 7.51 -6.02	94.20 6.76 -3.96	78.05 4.54 -1.49	75.94 3.86 -0.52	75.54 3.28 -0.90
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	66.05 1.99 0.00	63.76 1.80 0.00	63.46 1.73 0.00	59.72 1.51 0.00	62.15 1.46 0.00	64.92 1.71 0.00	74.08 2.70 -0.32	77.70 3.79 -2.35	77.84 4.31 -1.75	75.19 3.85 0.00	72.99 3.41 0.00	64.81 3.14 0.00	62.01 3.01 0.00	64.52 3.07 0.00	70.40 3.48 0.00	73.38 3.89 0.00	79.62 4.97 -0.55	106.84 6.54 -11.87	110.67 6.83 -12.78	102.07 6.45 -7.19	94.14 5.84 -4.81	77.83 4.32 -1.48	75.52 3.44 -0.51	75.54 3.28 -0.90
EAST_HAMPTON___DIESEL 23722	68.49 4.42 0.00	66.05 4.09 0.00	65.50 3.77 0.00	61.81 3.61 0.00	64.22 3.52 0.00	67.20 3.99 0.00	86.43 5.83 -9.54	106.45 7.09 -27.81	103.27 7.54 -23.95	85.34 6.70 -7.30	75.70 5.29 -0.84	66.16 4.50 0.00	63.07 4.07 0.00	65.63 4.18 0.00	72.08 5.15 0.00	89.82 5.70 -14.63	111.50 7.48 -29.91	133.36 10.08 -34.86	139.21 10.56 -37.58	114.36 9.28 -16.66	112.49 8.02 -20.98	101.86 5.69 -24.15	102.16 5.16 -25.44	97.02 5.42 -20.25
EAST_POINT___SOLAR 323840	69.13 5.06 0.00	67.04 5.08 0.00	66.80 5.06 0.00	62.98 4.77 0.00	65.73 5.04 0.00	68.59 5.37 0.00	81.21 6.82 -3.33	102.97 6.94 -24.47	96.90 6.89 -18.22	76.76 5.42 0.00	73.68 4.10 0.00	64.13 2.47 0.00	60.77 1.77 0.00	63.60 2.15 0.00	69.33 2.41 0.00	73.24 3.75 0.00	86.47 6.67 -5.70	151.25 9.55 -53.28	170.48 10.11 -69.30	173.16 9.81 -74.92	142.73 9.18 -50.06	95.19 7.71 -15.45	84.15 7.23 -5.36	87.37 6.64 -9.38
EAST_PULASKI___ESR 323781	62.40 -1.67 0.00	60.29 -1.67 0.00	60.13 -1.61 0.00	56.69 -1.51 0.00	59.24 -1.46 0.00	61.45 -1.77 0.00	69.21 -1.85 0.00	69.91 -1.64 0.00	69.99 -1.79 0.00	69.42 -1.92 0.00	67.70 -1.88 0.00	59.87 -1.79 0.00	57.24 -1.77 0.00	59.73 -1.72 0.00	64.85 -2.08 0.00	67.61 -1.87 0.00	72.48 -1.63 0.00	87.27 -1.15 0.00	90.16 -0.91 0.00	87.45 -0.97 0.00	82.32 -1.17 0.00	70.94 -1.08 0.00	70.28 -1.29 0.00	69.99 -1.36 0.00
EAST_RIVER___1 323558	65.47 2.05 0.64	63.14 1.80 0.62	62.81 1.67 0.59	59.35 1.46 0.30	61.60 1.40 0.49	64.21 1.71 0.71	72.86 2.91 1.11	76.33 4.15 -0.63	76.53 4.74 -0.01	74.09 4.28 1.54	73.33 3.75 0.00	65.17 3.51 0.00	62.31 3.30 0.00	64.83 3.38 0.00	70.87 3.95 0.00	73.80 4.31 0.00	80.14 5.48 -0.55	106.36 7.16 -10.78	109.82 7.37 -11.38	101.52 7.08 -6.02	93.79 6.34 -3.96	77.68 4.18 -1.49	75.66 3.58 -0.52	75.25 3.00 -0.90
EAST_RIVER___2 323559	65.67 2.24 0.64	63.32 1.98 0.62	62.94 1.79 0.59	59.53 1.63 0.30	61.72 1.52 0.49	64.40 1.89 0.71	73.14 3.20 1.11	76.62 4.44 -0.63	76.89 5.10 -0.01	74.51 4.71 1.54	73.68 4.10 0.00	65.55 3.89 0.00	62.66 3.66 0.00	65.20 3.75 0.00	71.21 4.29 0.00	74.14 4.66 0.00	80.58 5.93 -0.55	106.89 7.69 -10.78	110.28 7.83 -11.38	101.95 7.51 -6.02	94.20 6.76 -3.96	78.05 4.54 -1.49	75.94 3.86 -0.52	75.54 3.28 -0.90
EAST___DELAWARE_HYD 23607	65.93 1.86 0.00	63.69 1.73 0.00	63.40 1.67 0.00	59.77 1.57 0.00	62.21 1.52 0.00	64.99 1.77 0.00	74.09 2.70 -0.33	77.36 3.36 -2.44	77.47 3.87 -1.81	74.34 3.00 0.00	72.15 2.58 0.00	64.00 2.34 0.00	61.19 2.18 0.00	63.79 2.33 0.00	69.73 2.81 0.00	72.69 3.20 0.00	79.19 4.52 -0.57	106.17 6.28 -11.47	110.11 6.56 -12.48	102.25 6.37 -7.46	94.23 5.76 -4.98	77.37 3.81 -1.54	75.32 3.22 -0.53	75.28 3.00 -0.93
EIGHT_POINT___WT_PWR 323820	60.23 -3.84 0.00	58.31 -3.66 0.00	58.34 -3.40 0.00	54.89 -3.32 0.00	57.36 -3.34 0.00	59.80 -3.41 0.00	67.95 -3.20 -0.09	68.29 -3.94 -0.67	67.83 -4.45 -0.50	66.06 -5.28 0.00	64.15 -5.43 0.00	56.73 -4.94 0.00	54.11 -4.90 0.00	56.60 -4.86 0.00	60.83 -6.09 0.00	64.56 -4.93 0.00	70.40 -3.86 -0.15	89.06 -2.30 -2.94	92.84 -1.46 -3.23	88.95 -1.50 -2.04	83.51 -1.34 -1.36	71.86 -0.58 -0.42	70.78 -0.93 -0.15	71.18 -0.43 -0.26
ELBRIDGE_115KV_TB2 80188	61.89 -2.18 0.00	59.85 -2.11 0.00	59.70 -2.04 0.00	56.28 -1.92 0.00	58.81 -1.88 0.00	61.26 -1.96 0.00	69.14 -1.92 0.00	69.70 -1.86 0.00	69.92 -1.87 0.00	69.20 -2.14 0.00	67.42 -2.16 0.00	59.75 -1.91 0.00	57.06 -1.95 0.00	59.55 -1.90 0.00	64.71 -2.21 0.00	67.40 -2.08 0.00	72.25 -1.85 0.00	88.52 -1.41 -1.52	91.26 -1.18 -1.38	86.92 -1.50 0.00	81.99 -1.50 0.00	71.08 -0.94 0.00	69.92 -1.65 0.00	69.64 -1.71 0.00
ELEC_TRO_TEK 24086	66.95 2.88 0.00	64.63 2.66 0.00	64.20 2.47 0.00	60.41 2.21 0.00	62.88 2.19 0.00	65.68 2.47 0.00	84.37 3.77 -9.54	104.16 4.79 -27.81	101.12 5.38 -23.95	83.56 4.92 -7.30	74.87 4.45 -0.84	65.67 4.01 0.00	62.78 3.78 0.00	65.32 3.87 0.00	71.41 4.48 0.00	89.05 4.93 -14.63	110.09 6.08 -29.91	131.24 7.96 -34.86	136.88 8.29 -37.53	112.86 7.78 -16.66	111.57 7.10 -20.98	101.64 5.47 -24.15	101.51 4.51 -25.44	95.95 4.35 -20.25

ELLENBURG_WT_PWR 323604	65.60 1.54 0.00	63.14 1.17 0.00	62.90 1.17 0.00	59.19 0.99 0.00	61.43 0.73 0.00	63.91 0.70 0.00	70.70 -0.35 0.00	70.41 -1.15 0.00	69.99 -1.79 0.00	69.77 -1.57 0.00	68.05 -1.53 0.00	60.06 -1.60 0.00	57.71 -1.30 0.00	59.98 -1.48 0.00	65.32 -1.61 0.00	67.68 -1.81 0.00	71.51 -2.60 0.00	84.35 -4.07 0.00	86.61 -4.46 0.00	84.62 -3.80 0.00	80.49 -3.00 0.00	70.22 -1.80 0.00	70.49 -1.07 0.00	71.35 0.00 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	59.39 -4.68 0.00	57.38 -4.59 0.00	57.60 -4.14 0.00	54.24 -3.96 0.00	56.87 -3.82 0.00	59.30 -3.92 0.00	66.44 -4.62 0.00	65.55 -6.01 0.00	65.25 -6.53 0.00	64.21 -7.13 0.00	62.83 -6.75 0.00	55.99 -5.67 0.00	53.22 -5.78 0.00	55.74 -5.71 0.00	60.03 -6.89 0.00	62.82 -6.67 0.00	66.92 -7.19 0.00	84.07 -6.54 -2.19	86.77 -6.28 -1.99	81.43 -6.99 0.00	77.06 -6.43 0.00	68.56 -3.46 0.00	66.77 -4.79 0.00	66.71 -4.64 0.00
EMPIRE_CC_1 323656	65.86 1.79 0.00	63.57 1.61 0.00	63.34 1.60 0.00	59.89 1.69 0.00	62.39 1.70 0.00	64.73 1.51 0.00	73.98 1.99 -0.93	80.86 2.43 -6.87	79.63 2.73 -5.11	73.84 2.50 0.00	72.08 2.50 0.00	64.00 2.34 0.00	61.19 2.18 0.00	63.73 2.28 0.00	69.40 2.48 0.00	72.19 2.71 0.00	78.82 3.11 -1.60	113.62 3.80 -21.41	120.28 3.91 -25.30	113.16 3.71 -21.03	100.79 3.25 -14.05	78.95 2.59 -4.34	75.64 2.57 -1.50	76.41 2.43 -2.63
EMPIRE_CC_2 323658	65.86 1.79 0.00	63.57 1.61 0.00	63.34 1.60 0.00	59.89 1.69 0.00	62.39 1.70 0.00	64.73 1.51 0.00	73.98 1.99 -0.93	80.86 2.43 -6.87	79.63 2.73 -5.11	73.84 2.50 0.00	72.08 2.50 0.00	64.00 2.34 0.00	61.19 2.18 0.00	63.73 2.28 0.00	69.40 2.48 0.00	72.19 2.71 0.00	78.82 3.11 -1.60	113.62 3.80 -21.41	120.28 3.91 -25.30	113.16 3.71 -21.03	100.79 3.25 -14.05	78.95 2.59 -4.34	75.64 2.57 -1.50	76.41 2.43 -2.63
ENORWICH_115KV_TB1 80156	67.21 3.14 0.00	64.94 2.97 0.00	64.70 2.96 0.00	60.94 2.74 0.00	63.67 2.97 0.00	66.69 3.48 0.00	75.82 4.55 -0.22	78.25 5.08 -1.62	78.09 5.10 -1.20	75.77 4.42 0.00	73.54 3.97 0.00	64.50 2.84 0.00	61.54 2.54 0.00	64.34 2.89 0.00	70.07 3.15 0.00	73.38 3.89 0.00	80.04 5.56 -0.38	102.76 8.58 -5.76	107.33 9.65 -6.61	102.56 9.20 -4.95	94.81 8.01 -3.30	80.10 7.06 -1.02	78.00 6.08 -0.35	77.97 5.99 -0.62
ERIE_ST__34_KV_TB1-2 80199	60.29 -3.78 0.00	58.31 -3.66 0.00	58.46 -3.27 0.00	55.00 -3.20 0.00	57.72 -2.97 0.00	60.12 -3.10 0.00	67.58 -3.48 0.00	66.40 -5.15 0.00	65.83 -5.96 0.00	64.99 -6.35 0.00	63.52 -6.05 0.00	56.67 -4.99 0.00	53.93 -5.07 0.00	56.47 -4.98 0.00	60.83 -6.09 0.00	63.72 -5.77 0.00	68.03 -6.08 0.00	85.49 -5.22 -2.28	88.31 -4.83 -2.07	82.85 -5.57 0.00	78.31 -5.18 0.00	69.43 -2.59 0.00	67.70 -3.86 0.00	68.00 -3.35 0.00
ERIE_WT_PWR 323693	59.97 -4.10 0.00	57.81 -4.15 0.00	57.96 -3.77 0.00	54.59 -3.61 0.00	57.24 -3.46 0.00	59.68 -3.54 0.00	66.93 -4.12 0.00	65.97 -5.58 0.00	65.61 -6.17 0.00	64.49 -6.85 0.00	63.11 -6.47 0.00	56.17 -5.49 0.00	53.46 -5.55 0.00	56.10 -5.35 0.00	60.03 -6.89 0.00	63.23 -6.25 0.00	67.36 -6.74 0.00	84.74 -5.92 -2.24	87.54 -5.56 -2.03	82.67 -5.75 0.00	77.64 -5.85 0.00	67.63 -4.40 0.00	67.27 -4.29 0.00	67.79 -3.57 0.00
ESPRGFLD_115KV_TB1 80157	66.50 2.43 0.00	64.50 2.54 0.00	64.26 2.53 0.00	60.53 2.33 0.00	63.25 2.55 0.00	66.00 2.78 0.00	77.14 3.69 -2.38	93.10 4.01 -17.54	89.01 4.16 -13.06	74.84 3.50 0.00	72.57 2.99 0.00	63.82 2.16 0.00	60.83 1.83 0.00	63.48 2.03 0.00	69.20 2.28 0.00	72.34 2.85 0.00	82.49 4.30 -4.08	133.95 6.28 -39.25	148.44 6.74 -50.63	148.39 6.28 -53.69	125.12 5.76 -35.87	87.99 4.90 -11.07	79.63 4.22 -3.84	81.93 3.85 -6.72
ETNA_115_KV_TB1_REV_LBMP_C 345029	63.88 -0.19 0.00	61.78 -0.19 0.00	61.61 -0.12 0.00	58.09 -0.12 0.00	60.70 0.00 0.00	63.34 0.13 0.00	71.73 0.57 -0.11	73.05 0.72 -0.78	73.01 0.65 -0.58	71.63 0.29 0.00	69.65 0.07 0.00	61.60 -0.06 0.00	58.77 -0.24 0.00	61.39 -0.06 0.00	66.72 -0.20 0.00	69.63 0.14 0.00	75.18 0.89 -0.18	93.94 2.21 -3.30	97.37 2.64 -3.67	93.02 2.21 -2.39	87.01 1.92 -1.60	74.46 1.94 -0.49	72.81 1.07 -0.17	72.58 0.93 -0.30
ETNA____115KV_TB2 80207	63.88 -0.19 0.00	61.78 -0.19 0.00	61.61 -0.12 0.00	58.09 -0.12 0.00	60.70 0.00 0.00	63.34 0.13 0.00	71.73 0.57 -0.11	73.05 0.72 -0.78	73.01 0.65 -0.58	71.63 0.29 0.00	69.65 0.07 0.00	61.60 -0.06 0.00	58.77 -0.24 0.00	61.39 -0.06 0.00	66.72 -0.20 0.00	69.63 0.14 0.00	75.18 0.89 -0.18	93.94 2.21 -3.30	97.37 2.64 -3.67	93.02 2.21 -2.39	87.01 1.92 -1.60	74.46 1.94 -0.49	72.81 1.07 -0.17	72.58 0.93 -0.30
EUCLID____115KV_TB2 356179	61.51 -2.56 0.00	59.48 -2.48 0.00	59.33 -2.41 0.00	55.93 -2.27 0.00	58.45 -2.25 0.00	60.94 -2.28 0.00	68.71 -2.34 0.00	69.27 -2.29 0.00	69.49 -2.30 0.00	68.85 -2.50 0.00	67.07 -2.50 0.00	59.44 -2.22 0.00	56.76 -2.24 0.00	59.24 -2.21 0.00	64.38 -2.54 0.00	67.06 -2.43 0.00	71.81 -2.30 0.00	86.39 -2.03 0.00	89.25 -1.82 0.00	86.30 -2.12 0.00	81.40 -2.09 0.00	70.51 -1.51 0.00	69.49 -2.08 0.00	69.14 -2.21 0.00
E_CANADA_CAP_HY 24051	67.85 3.78 0.00	65.80 3.84 0.00	65.56 3.83 0.00	61.81 3.61 0.00	64.52 3.83 0.00	67.32 4.11 0.00	79.41 5.26 -3.09	99.74 5.44 -22.75	94.11 5.39 -16.94	75.91 4.57 0.00	73.40 3.82 0.00	64.31 2.65 0.00	61.25 2.24 0.00	63.97 2.52 0.00	69.73 2.81 0.00	73.10 3.61 0.00	84.88 5.48 -5.29	145.81 7.61 -49.79	163.83 8.10 -64.66	165.84 7.78 -69.64	137.28 7.26 -46.53	92.44 6.05 -14.36	82.20 5.65 -4.98	85.21 5.14 -8.72
E_CANADA_MHWK_HY 24050	66.31 2.24 0.00	63.94 1.98 0.00	63.52 1.79 0.00	59.71 1.51 0.00	62.21 1.52 0.00	64.99 1.77 0.00	73.40 2.34 0.00	73.91 2.36 0.00	74.15 2.37 0.00	73.19 1.85 0.00	71.11 1.53 0.00	62.77 1.11 0.00	59.71 0.71 0.00	62.19 0.74 0.00	67.79 0.87 0.00	70.53 1.04 0.00	75.88 1.78 0.00	91.16 2.74 0.00	94.34 3.27 0.00	91.87 3.44 0.00	86.74 3.25 0.00	75.12 3.09 0.00	74.86 3.29 0.00	74.71 3.35 0.00
E_FISHKILL____LBMP 23776	65.99 1.92 0.00	63.76 1.80 0.00	63.40 1.67 0.00	59.72 1.51 0.00	62.15 1.46 0.00	64.92 1.71 0.00	73.94 2.56 -0.33	77.38 3.43 -2.39	77.45 3.88 -1.78	74.77 3.42 0.00	72.64 3.06 0.00	64.56 2.90 0.00	61.72 2.71 0.00	64.28 2.83 0.00	70.13 3.21 0.00	72.96 3.47 0.00	79.11 4.45 -0.56	106.47 5.92 -12.12	110.30 6.19 -13.04	101.59 5.84 -7.33	93.65 5.26 -4.90	77.49 3.96 -1.51	75.24 3.15 -0.52	75.34 3.07 -0.92
FALCON____SEABRD_CC1 323796	66.50 2.43 0.00	64.07 2.11 0.00	63.83 2.10 0.00	60.01 1.81 0.00	62.34 1.64 0.00	64.80 1.58 0.00	71.34 0.29 0.00	70.98 -0.57 0.00	70.57 -1.22 0.00	70.34 -1.00 0.00	68.54 -1.04 0.00	60.43 -1.23 0.00	58.12 -0.88 0.00	60.35 -1.10 0.00	65.78 -1.14 0.00	68.24 -1.25 0.00	72.11 -2.00 0.00	84.97 -3.45 0.00	87.33 -3.74 0.00	85.24 -3.18 0.00	81.24 -2.25 0.00	70.87 -1.16 0.00	71.21 -0.36 0.00	72.42 1.07 0.00

FALCON___SEABRD_CC2 323797	66.50 2.43 0.00	64.07 2.11 0.00	63.83 2.10 0.00	60.01 1.81 0.00	62.34 1.64 0.00	64.80 1.58 0.00	71.34 0.29 0.00	70.98 -0.57 0.00	70.57 -1.22 0.00	70.34 -1.00 0.00	68.54 -1.04 0.00	60.43 -1.23 0.00	58.12 -0.88 0.00	60.35 -1.10 0.00	65.78 -1.14 0.00	68.24 -1.25 0.00	72.11 -2.00 0.00	84.97 -3.45 0.00	87.33 -3.74 0.00	85.24 -3.18 0.00	81.24 -2.25 0.00	70.87 -1.16 0.00	71.21 -0.36 0.00	72.42 1.07 0.00
FAR ROCKAWAY___4 23548	67.66 3.59 0.00	65.31 3.35 0.00	64.88 3.15 0.00	61.05 2.85 0.00	63.49 2.79 0.00	66.32 3.10 0.00	85.15 4.55 -9.54	104.94 5.58 -27.81	101.91 6.17 -23.95	84.42 5.78 -7.30	75.70 5.29 -0.84	66.35 4.69 0.00	63.37 4.37 0.00	65.94 4.49 0.00	72.08 5.15 0.00	89.89 5.77 -14.63	110.91 6.89 -29.91	132.39 9.11 -34.86	138.16 9.56 -37.53	114.10 9.02 -16.66	112.74 8.27 -20.98	102.58 6.41 -24.15	102.51 5.51 -25.44	96.95 5.35 -20.25
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	66.12 2.05 0.00	63.76 1.80 0.00	63.40 1.67 0.00	59.60 1.40 0.00	62.09 1.40 0.00	64.92 1.71 0.00	74.22 2.84 -0.32	77.99 4.08 -2.35	78.21 4.67 -1.75	75.55 4.21 0.00	73.27 3.69 0.00	65.11 3.45 0.00	62.31 3.30 0.00	64.83 3.38 0.00	70.74 3.81 0.00	73.73 4.24 0.00	79.99 5.34 -0.55	107.39 7.07 -11.90	111.15 7.29 -12.80	102.52 6.90 -7.21	94.57 6.26 -4.82	78.12 4.61 -1.49	75.66 3.58 -0.52	75.75 3.50 -0.90
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	66.12 2.05 0.00	63.76 1.80 0.00	63.40 1.67 0.00	59.66 1.46 0.00	62.09 1.40 0.00	64.92 1.71 0.00	74.22 2.84 -0.32	77.99 4.08 -2.35	78.21 4.67 -1.75	75.55 4.21 0.00	73.27 3.69 0.00	65.11 3.45 0.00	62.31 3.30 0.00	64.83 3.38 0.00	70.74 3.81 0.00	73.73 4.24 0.00	79.99 5.34 -0.55	107.39 7.07 -11.90	111.24 7.38 -12.80	102.61 6.99 -7.21	94.57 6.26 -4.82	78.12 4.61 -1.49	75.73 3.65 -0.52	75.75 3.50 -0.90
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	66.12 2.05 0.00	63.76 1.80 0.00	63.40 1.67 0.00	59.60 1.40 0.00	62.03 1.34 0.00	64.92 1.71 0.00	74.22 2.84 -0.32	77.99 4.08 -2.35	78.21 4.67 -1.75	75.55 4.21 0.00	73.27 3.69 0.00	65.05 3.39 0.00	62.25 3.25 0.00	64.77 3.32 0.00	70.67 3.75 0.00	73.66 4.17 0.00	79.99 5.34 -0.55	107.30 6.99 -11.90	111.15 7.29 -12.80	102.52 6.90 -7.21	94.48 6.18 -4.82	78.04 4.54 -1.49	75.66 3.58 -0.52	75.68 3.42 -0.90
FARRAGUT___LBMP 323566	66.05 1.99 0.00	63.70 1.73 0.00	63.34 1.61 0.00	59.54 1.34 0.00	62.03 1.34 0.00	64.86 1.64 0.00	74.15 2.77 -0.32	77.92 4.01 -2.35	78.13 4.59 -1.75	75.48 4.14 0.00	73.20 3.62 0.00	64.99 3.33 0.00	62.19 3.19 0.00	64.71 3.26 0.00	70.60 3.68 0.00	73.59 4.10 0.00	79.92 5.26 -0.55	107.21 6.90 -11.90	111.06 7.19 -12.80	102.44 6.81 -7.21	94.40 6.09 -4.82	77.97 4.47 -1.49	75.59 3.51 -0.52	75.61 3.35 -0.90
FENNER___WINDPWR 24204	64.64 0.58 0.00	62.52 0.56 0.00	62.29 0.55 0.00	58.73 0.52 0.00	61.37 0.67 0.00	64.04 0.82 0.00	72.34 1.28 0.00	72.99 1.43 0.00	73.22 1.44 0.00	72.48 1.14 0.00	70.55 0.97 0.00	62.40 0.74 0.00	59.59 0.59 0.00	62.25 0.80 0.00	67.73 0.81 0.00	70.53 1.04 0.00	75.66 1.56 0.00	92.56 2.57 -1.58	95.41 2.91 -1.43	91.07 2.65 0.00	85.82 2.33 0.00	73.82 1.80 0.00	73.07 1.51 0.00	72.85 1.50 0.00
FIBERTEK___ENERGY 23856	61.89 -2.18 0.00	59.85 -2.11 0.00	59.70 -2.04 0.00	56.28 -1.92 0.00	58.81 -1.88 0.00	61.26 -1.96 0.00	69.14 -1.92 0.00	69.77 -1.79 0.00	69.99 -1.79 0.00	69.34 -2.00 0.00	67.49 -2.09 0.00	59.81 -1.85 0.00	57.18 -1.83 0.00	59.61 -1.84 0.00	64.78 -2.14 0.00	67.47 -2.02 0.00	72.33 -1.78 0.00	87.09 -1.33 0.00	89.97 -1.09 0.00	87.01 -1.41 0.00	82.07 -1.42 0.00	71.16 -0.86 0.00	69.99 -1.57 0.00	69.64 -1.71 0.00
FITZPATRICK____ 23598	60.99 -3.07 0.00	58.99 -2.97 0.00	58.83 -2.90 0.00	55.47 -2.73 0.00	57.91 -2.79 0.00	60.31 -2.91 0.00	67.93 -3.12 0.00	68.48 -3.07 0.00	68.63 -3.16 0.00	68.06 -3.28 0.00	66.31 -3.27 0.00	58.76 -2.90 0.00	56.17 -2.83 0.00	58.63 -2.83 0.00	63.71 -3.21 0.00	66.29 -3.20 0.00	70.92 -3.18 0.00	85.15 -3.27 0.00	87.88 -3.19 0.00	85.15 -3.27 0.00	80.23 -3.26 0.00	69.21 -2.81 0.00	68.63 -2.94 0.00	68.36 -2.99 0.00
FLOWRFLD_69_KV_BK1 356044	68.49 4.42 0.00	66.11 4.15 0.00	65.50 3.77 0.00	61.69 3.49 0.00	64.16 3.46 0.00	67.14 3.92 0.00	86.22 5.61 -9.54	106.16 6.80 -27.81	102.98 7.25 -23.95	85.28 6.63 -7.30	76.54 6.12 -0.84	66.96 5.30 0.00	63.96 4.96 0.00	66.55 5.10 0.00	72.95 6.02 0.00	90.58 6.46 -14.63	112.02 8.00 -29.91	133.71 10.43 -34.86	139.42 10.75 -37.61	115.07 9.99 -16.66	113.41 8.93 -20.98	103.15 6.99 -24.15	102.94 5.94 -25.44	97.45 5.85 -20.25
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	66.70 2.63 0.00	64.38 2.42 0.00	64.08 2.35 0.00	60.30 2.10 0.00	62.82 2.12 0.00	65.62 2.40 0.00	74.80 3.41 -0.33	78.06 4.08 -2.42	78.26 4.67 -1.81	75.27 3.92 0.00	73.06 3.48 0.00	64.93 3.27 0.00	62.07 3.07 0.00	64.71 3.26 0.00	70.67 3.75 0.00	73.59 4.10 0.00	80.01 5.34 -0.56	107.63 7.16 -12.05	111.54 7.47 -13.00	102.92 7.07 -7.42	94.88 6.43 -4.96	78.38 4.83 -1.53	76.03 3.94 -0.53	76.21 3.92 -0.93
FORT ORANGE____ 23900	66.18 2.11 0.00	64.07 2.11 0.00	63.83 2.10 0.00	60.24 2.04 0.00	62.76 2.06 0.00	65.30 2.08 0.00	74.32 1.84 -1.42	83.87 1.86 -10.45	81.65 2.08 -7.78	73.48 2.14 0.00	71.32 1.74 0.00	63.26 1.60 0.00	60.48 1.48 0.00	62.99 1.54 0.00	68.66 1.74 0.00	71.23 1.74 0.00	78.46 1.92 -2.43	118.85 2.30 -28.13	127.90 2.36 -34.47	122.63 2.21 -32.00	106.87 2.00 -21.38	80.14 1.51 -6.60	75.36 1.51 -2.29	77.79 2.43 -4.01
FORT_DRUM_COGEN 23780	65.29 1.22 0.00	63.02 1.05 0.00	62.72 0.99 0.00	59.31 1.11 0.00	61.85 1.15 0.00	64.55 1.33 0.00	72.83 1.78 0.00	73.49 1.93 0.00	73.44 1.65 0.00	72.84 1.50 0.00	70.83 1.25 0.00	62.34 0.68 0.00	59.71 0.71 0.00	62.25 0.80 0.00	67.79 0.87 0.00	70.67 1.18 0.00	76.03 1.93 0.00	91.60 3.18 0.00	94.71 3.64 0.00	92.13 3.71 0.00	86.83 3.34 0.00	74.76 2.74 0.00	74.07 2.50 0.00	73.71 2.35 0.00
FOX_HILLS___ESR 323835	65.86 1.79 0.00	63.39 1.43 0.00	62.97 1.23 0.00	59.13 0.93 0.00	61.55 0.85 0.00	64.42 1.20 0.00	73.58 2.20 -0.32	77.49 3.58 -2.35	77.78 4.24 -1.75	54.78 3.78 20.34	72.99 3.41 0.00	67.31 3.27 -2.39	64.85 3.13 -2.72	67.25 3.20 -2.61	57.96 3.41 12.38	73.38 3.89 0.00	92.72 5.34 -13.28	116.45 7.25 -20.78	121.01 7.56 -22.39	114.46 7.16 -18.88	109.26 6.35 -19.42	91.13 4.39 -14.72	75.37 3.29 -0.52	75.32 3.07 -0.90
FPL FAR_ROCK_GT1 24212	67.53 3.46 0.00	65.24 3.28 0.00	64.76 3.02 0.00	61.11 2.91 0.00	63.49 2.79 0.00	66.31 3.10 0.00	85.15 4.55 -9.54	104.95 5.59 -27.81	101.91 6.17 -23.95	84.42 5.78 -7.30	75.70 5.29 -0.84	66.34 4.68 0.00	63.37 4.37 0.00	65.94 4.48 0.00	72.15 5.22 0.00	89.88 5.76 -14.63	110.98 6.96 -29.91	132.39 9.11 -34.86	138.15 9.56 -37.53	114.19 9.11 -16.66	112.74 8.27 -20.98	102.22 6.05 -24.15	102.52 5.51 -25.44	96.59 4.99 -20.25

FPL FAR_ROCK_GT2 23815	67.53 3.46 0.00	65.24 3.28 0.00	64.76 3.02 0.00	61.11 2.91 0.00	63.49 2.79 0.00	66.31 3.10 0.00	85.15 4.55 -9.54	104.95 5.59 -27.81	101.91 6.17 -23.95	84.42 5.78 -7.30	75.70 5.29 -0.84	66.34 4.68 0.00	63.37 4.37 0.00	65.94 4.48 0.00	72.15 5.22 0.00	89.88 5.76 -14.63	110.98 6.96 -29.91	132.39 9.11 -34.86	138.15 9.56 -37.53	114.19 9.11 -16.66	112.74 8.27 -20.98	102.22 6.05 -24.15	102.52 5.51 -25.44	96.59 4.99 -20.25
FRANKLIN_FALL_HYD 24054	66.95 2.88 0.00	64.56 2.60 0.00	64.33 2.59 0.00	60.59 2.39 0.00	62.88 2.19 0.00	65.37 2.15 0.00	72.62 1.56 0.00	72.27 0.72 0.00	71.86 0.07 0.00	71.84 0.50 0.00	70.00 0.42 0.00	61.66 0.00 0.00	59.42 0.41 0.00	61.64 0.18 0.00	67.12 0.20 0.00	69.63 0.14 0.00	73.51 -0.59 0.00	86.47 -1.95 0.00	88.79 -2.28 0.00	87.01 -1.41 0.00	82.74 -0.75 0.00	71.66 -0.36 0.00	72.64 1.07 0.00	73.14 1.78 0.00
FREEPORT_EQUS_GT1 23764	67.21 3.14 0.00	64.87 2.91 0.00	64.39 2.65 0.00	60.76 2.56 0.00	63.19 2.49 0.00	66.00 2.78 0.00	84.79 4.19 -9.54	104.66 5.30 -27.81	101.55 5.81 -23.95	83.99 5.35 -7.30	75.28 4.87 -0.84	65.98 4.31 0.00	63.02 4.01 0.00	65.57 4.12 0.00	71.81 4.88 0.00	89.47 5.35 -14.63	110.61 6.59 -29.91	131.59 8.31 -34.86	137.34 8.74 -37.53	113.39 8.31 -16.66	112.24 7.77 -20.98	101.79 5.62 -24.15	102.01 5.01 -25.44	96.10 4.50 -20.25
FREEPORT___CT2 23818	67.21 3.14 0.00	64.87 2.91 0.00	64.39 2.65 0.00	60.76 2.56 0.00	63.19 2.49 0.00	66.00 2.78 0.00	84.79 4.19 -9.54	104.66 5.30 -27.81	101.55 5.81 -23.95	83.99 5.35 -7.30	75.28 4.87 -0.84	65.98 4.31 0.00	63.02 4.01 0.00	65.57 4.12 0.00	71.81 4.88 0.00	89.47 5.35 -14.63	110.61 6.59 -29.91	131.59 8.31 -34.86	137.34 8.74 -37.53	113.39 8.31 -16.66	112.24 7.77 -20.98	101.79 5.62 -24.15	102.01 5.01 -25.44	96.10 4.50 -20.25
FRESHKLS_33_KV_LOAD 356253	65.61 1.54 0.00	55.32 1.18 7.82	55.27 0.99 7.45	55.16 0.70 3.74	55.14 0.61 6.16	55.20 0.95 8.97	73.37 1.99 -0.32	77.20 3.29 -2.35	77.56 4.02 -1.75	54.57 3.57 20.34	57.96 3.20 14.82	56.71 3.02 7.97	54.77 2.95 7.19	56.72 2.95 7.68	57.76 3.21 12.38	73.17 3.68 0.00	92.50 5.11 -13.28	116.18 6.99 -20.78	120.83 7.38 -22.39	114.29 6.99 -18.88	109.09 6.18 -19.42	90.99 4.25 -14.72	75.16 3.08 -0.52	75.11 2.85 -0.90
FULTON COGEN____ 23766	61.70 -2.37 0.00	59.67 -2.29 0.00	59.51 -2.22 0.00	56.11 -2.10 0.00	58.63 -2.06 0.00	61.00 -2.21 0.00	68.85 -2.20 0.00	69.48 -2.08 0.00	69.63 -2.15 0.00	68.99 -2.35 0.00	67.21 -2.37 0.00	59.56 -2.10 0.00	56.94 -2.07 0.00	59.42 -2.03 0.00	64.58 -2.34 0.00	67.26 -2.22 0.00	72.11 -2.00 0.00	86.74 -1.68 0.00	89.61 -1.46 0.00	86.65 -1.77 0.00	81.74 -1.75 0.00	70.80 -1.22 0.00	69.71 -1.86 0.00	69.35 -2.00 0.00
FULTON___LFGE 323630	68.49 4.42 0.00	66.36 4.40 0.00	66.18 4.45 0.00	62.40 4.19 0.00	65.07 4.37 0.00	67.90 4.68 0.00	80.27 5.83 -3.38	102.47 6.01 -24.91	96.29 5.96 -18.54	76.55 5.21 0.00	74.10 4.52 0.00	64.99 3.33 0.00	61.89 2.89 0.00	64.58 3.13 0.00	70.47 3.54 0.00	73.94 4.45 0.00	86.13 6.23 -5.80	150.98 8.40 -54.16	170.37 8.83 -70.48	173.25 8.57 -76.25	142.45 8.02 -50.95	94.45 6.70 -15.73	83.32 6.30 -5.45	86.68 5.78 -9.55
G.F.CEMENT___DRP 24184	68.68 4.61 0.00	66.48 4.52 0.00	66.30 4.57 0.00	62.51 4.31 0.00	65.19 4.49 0.00	67.90 4.68 0.00	80.24 5.76 -3.43	102.89 6.08 -25.25	96.76 6.17 -18.80	77.12 5.78 0.00	75.00 5.43 0.00	66.04 4.38 0.00	63.02 4.01 0.00	65.69 4.24 0.00	71.74 4.82 0.00	75.12 5.63 0.00	86.65 6.67 -5.88	152.21 8.49 -55.30	171.61 8.74 -71.80	174.04 8.31 -77.31	142.99 7.85 -51.65	94.74 6.77 -15.95	83.46 6.37 -5.53	87.03 5.99 -9.68
GARDENVILLE___LBMP 24039	59.58 -4.48 0.00	57.62 -4.34 0.00	57.78 -3.95 0.00	54.42 -3.78 0.00	57.05 -3.64 0.00	59.49 -3.73 0.00	66.72 -4.33 0.00	65.76 -5.80 0.00	65.47 -6.32 0.00	64.35 -6.99 0.00	62.97 -6.61 0.00	56.11 -5.55 0.00	53.34 -5.66 0.00	55.86 -5.59 0.00	60.16 -6.76 0.00	63.02 -6.46 0.00	67.21 -6.89 0.00	84.46 -6.19 -2.23	87.26 -5.83 -2.02	81.79 -6.63 0.00	77.48 -6.01 0.00	68.85 -3.17 0.00	67.06 -4.51 0.00	67.07 -4.28 0.00
GARDNVLA_35_KV_LD 355827	59.84 -4.23 0.00	57.81 -4.15 0.00	58.03 -3.70 0.00	54.59 -3.61 0.00	57.30 -3.40 0.00	59.74 -3.48 0.00	67.01 -4.05 0.00	66.05 -5.51 0.00	65.68 -6.10 0.00	64.56 -6.78 0.00	63.18 -6.40 0.00	56.36 -5.30 0.00	53.58 -5.43 0.00	56.11 -5.35 0.00	60.43 -6.49 0.00	63.30 -6.18 0.00	67.44 -6.67 0.00	84.83 -5.84 -2.25	87.64 -5.46 -2.04	82.14 -6.28 0.00	77.81 -5.68 0.00	69.14 -2.88 0.00	67.34 -4.22 0.00	67.36 -4.00 0.00
GELCKHM___115KV_LOAD 80723	61.63 -2.43 0.00	59.67 -2.29 0.00	59.45 -2.28 0.00	56.05 -2.15 0.00	58.57 -2.12 0.00	61.07 -2.15 0.00	68.85 -2.20 0.00	69.48 -2.08 0.00	69.70 -2.08 0.00	69.06 -2.28 0.00	67.21 -2.37 0.00	59.63 -2.03 0.00	56.94 -2.07 0.00	59.42 -2.03 0.00	64.58 -2.34 0.00	67.19 -2.29 0.00	72.03 -2.07 0.00	86.65 -1.77 0.00	89.52 -1.55 0.00	86.56 -1.86 0.00	81.65 -1.84 0.00	70.80 -1.22 0.00	69.71 -1.86 0.00	69.35 -2.00 0.00
GENERAL___MILLS 23808	59.78 -4.29 0.00	57.75 -4.21 0.00	57.91 -3.83 0.00	54.54 -3.67 0.00	57.18 -3.52 0.00	59.61 -3.60 0.00	66.87 -4.19 0.00	65.90 -5.65 0.00	65.54 -6.25 0.00	64.42 -6.92 0.00	63.11 -6.47 0.00	56.23 -5.43 0.00	53.46 -5.55 0.00	56.04 -5.41 0.00	60.36 -6.56 0.00	63.16 -6.32 0.00	67.36 -6.74 0.00	84.65 -6.01 -2.24	87.45 -5.65 -2.03	82.05 -6.37 0.00	77.64 -5.84 0.00	69.00 -3.02 0.00	67.27 -4.29 0.00	67.21 -4.14 0.00
GE_PLASTICS___DRP 24183	65.73 1.67 0.00	63.63 1.67 0.00	63.40 1.67 0.00	59.77 1.57 0.00	62.27 1.58 0.00	64.80 1.58 0.00	74.07 1.85 -1.17	82.16 2.00 -8.60	80.48 2.30 -6.40	73.55 2.21 0.00	71.53 1.95 0.00	63.45 1.79 0.00	60.66 1.65 0.00	63.17 1.72 0.00	68.80 1.87 0.00	71.43 1.95 0.00	78.40 2.30 -2.00	116.02 2.83 -24.77	123.81 2.91 -29.83	117.48 2.74 -26.32	103.58 2.50 -17.58	79.54 2.09 -5.43	75.17 1.72 -1.88	76.72 2.07 -3.30
GILBOA___1 23756	65.22 1.15 0.00	63.51 1.55 0.00	63.28 1.54 0.00	59.66 1.46 0.00	62.15 1.45 0.00	64.55 1.33 0.00	72.89 1.64 -0.20	75.00 2.00 -1.45	75.16 2.30 -1.08	73.34 1.99 0.00	71.38 1.81 0.00	63.51 1.85 0.00	60.72 1.71 0.00	63.23 1.78 0.00	68.93 2.01 0.00	71.50 2.02 0.00	77.04 2.59 -0.34	101.97 3.54 -10.01	105.02 3.65 -10.31	96.39 3.54 -4.43	89.54 3.09 -2.96	75.17 2.24 -0.91	73.82 1.93 -0.32	73.69 1.78 -0.56
GILBOA___2 23757	65.22 1.15 0.00	63.51 1.55 0.00	63.28 1.54 0.00	59.66 1.46 0.00	62.15 1.45 0.00	64.55 1.33 0.00	72.89 1.64 -0.20	75.00 2.00 -1.45	75.16 2.30 -1.08	73.34 1.99 0.00	71.38 1.81 0.00	63.51 1.85 0.00	60.72 1.71 0.00	63.23 1.78 0.00	68.93 2.01 0.00	71.50 2.02 0.00	77.04 2.59 -0.34	101.97 3.54 -10.01	105.02 3.65 -10.31	96.39 3.54 -4.43	89.54 3.09 -2.96	75.17 2.24 -0.91	73.82 1.93 -0.32	73.69 1.78 -0.56

GILBOA___3 23758	65.22 1.15 0.00	63.51 1.55 0.00	63.28 1.54 0.00	59.66 1.46 0.00	62.15 1.45 0.00	64.55 1.33 0.00	72.89 1.64 -0.20	75.00 2.00 -1.45	75.16 2.30 -1.08	73.34 1.99 0.00	71.38 1.81 0.00	63.51 1.85 0.00	60.72 1.71 0.00	63.23 1.78 0.00	68.93 2.01 0.00	71.50 2.02 0.00	77.04 2.59 -0.34	101.97 3.54 -10.01	105.02 3.65 -10.31	96.39 3.54 -4.43	89.54 3.09 -2.96	75.17 2.24 -0.91	73.82 1.93 -0.32	73.69 1.78 -0.56
GILBOA___4 23759	65.22 1.15 0.00	63.51 1.55 0.00	63.28 1.54 0.00	59.66 1.46 0.00	62.15 1.45 0.00	64.55 1.33 0.00	72.89 1.64 -0.20	75.00 2.00 -1.45	75.16 2.30 -1.08	73.34 1.99 0.00	71.38 1.81 0.00	63.51 1.85 0.00	60.72 1.71 0.00	63.23 1.78 0.00	68.93 2.01 0.00	71.50 2.02 0.00	77.04 2.59 -0.34	101.97 3.54 -10.01	105.02 3.65 -10.31	96.39 3.54 -4.43	89.54 3.09 -2.96	75.17 2.24 -0.91	73.82 1.93 -0.32	73.69 1.78 -0.56
GILBOA___ 23599	65.22 1.15 0.00	63.51 1.55 0.00	63.28 1.54 0.00	59.66 1.46 0.00	62.15 1.46 0.00	64.55 1.33 0.00	72.89 1.63 -0.20	75.01 2.00 -1.45	75.16 2.30 -1.08	73.34 2.00 0.00	71.39 1.81 0.00	63.51 1.85 0.00	60.72 1.71 0.00	63.23 1.78 0.00	68.93 2.01 0.00	71.43 1.95 0.00	77.04 2.59 -0.34	101.87 3.45 -10.01	105.02 3.64 -10.31	96.30 3.45 -4.43	89.54 3.09 -2.96	75.38 2.45 -0.91	73.82 1.93 -0.32	73.83 1.93 -0.56
GINNA___ 23603	58.37 -5.70 0.00	56.32 -5.64 0.00	56.42 -5.31 0.00	53.14 -5.06 0.00	55.72 -4.98 0.00	58.10 -5.12 0.00	65.52 -5.54 0.00	65.69 -5.87 0.00	65.83 -5.96 0.00	64.99 -6.35 0.00	63.45 -6.12 0.00	56.17 -5.49 0.00	53.58 -5.43 0.00	56.04 -5.41 0.00	60.43 -6.49 0.00	63.37 -6.12 0.00	67.66 -6.45 0.00	83.80 -6.28 -1.66	86.55 -6.01 -1.50	82.05 -6.37 0.00	76.98 -6.51 0.00	66.62 -5.40 0.00	66.12 -5.44 0.00	65.93 -5.43 0.00
GLEN PARK___ 23778	65.60 1.54 0.00	63.26 1.30 0.00	63.03 1.30 0.00	59.54 1.34 0.00	62.15 1.45 0.00	64.86 1.64 0.00	73.26 2.21 0.00	73.91 2.36 0.00	73.87 2.08 0.00	73.19 1.85 0.00	71.18 1.60 0.00	62.59 0.93 0.00	59.89 0.89 0.00	62.50 1.04 0.00	68.06 1.14 0.00	71.01 1.53 0.00	76.55 2.44 0.00	92.40 3.98 0.00	95.62 4.55 0.00	93.02 4.59 0.00	87.58 4.09 0.00	75.19 3.17 0.00	74.57 3.01 0.00	74.21 2.86 0.00
GLENDALE_27_KV_LOAD 356172	66.31 2.24 0.00	63.82 1.86 0.00	63.46 1.73 0.00	59.60 1.40 0.00	62.03 1.34 0.00	64.92 1.71 0.00	74.29 2.91 -0.32	78.06 4.15 -2.35	78.35 4.81 -1.75	75.77 4.42 0.00	73.47 3.90 0.00	65.30 3.64 0.00	62.54 3.54 0.00	65.02 3.56 0.00	70.87 3.95 0.00	73.93 4.45 0.00	80.43 5.78 -0.55	108.01 7.69 -11.90	111.79 7.92 -12.80	103.14 7.52 -7.21	95.07 6.76 -4.82	78.40 4.90 -1.49	75.87 3.79 -0.52	75.89 3.64 -0.90
GLENWOOD_IC_1_G5 23712	67.27 3.20 0.00	64.94 2.97 0.00	64.51 2.78 0.00	60.71 2.50 0.00	63.12 2.43 0.00	65.75 2.53 0.00	84.44 3.84 -9.54	104.30 4.94 -27.81	101.26 5.53 -23.95	83.71 5.07 -7.30	75.01 4.59 -0.84	65.73 4.07 0.00	62.84 3.84 0.00	65.38 3.93 0.00	71.47 4.55 0.00	89.19 5.07 -14.63	110.24 6.22 -29.91	131.50 8.22 -34.86	137.25 8.65 -37.53	113.21 8.13 -16.66	111.82 7.35 -20.98	101.86 5.69 -24.15	101.73 4.72 -25.44	96.09 4.50 -20.25
GLENWOOD_IC_2_G1 23688	66.95 2.89 0.00	64.62 2.66 0.00	64.20 2.47 0.00	60.59 2.39 0.00	63.00 2.31 0.00	65.75 2.53 0.00	84.51 3.91 -9.54	104.37 5.01 -27.81	101.26 5.53 -23.95	83.71 5.07 -7.30	75.01 4.59 -0.84	65.79 4.13 0.00	62.84 3.83 0.00	65.39 3.94 0.00	71.54 4.61 0.00	89.19 5.07 -14.63	110.31 6.30 -29.91	131.41 8.13 -34.86	137.15 8.56 -37.53	113.21 8.13 -16.66	111.82 7.35 -20.98	101.42 5.25 -24.15	101.65 4.65 -25.44	95.73 4.14 -20.25
GLENWOOD_IC_3_G1 23689	66.95 2.89 0.00	64.62 2.66 0.00	64.20 2.47 0.00	60.59 2.39 0.00	63.00 2.31 0.00	65.75 2.53 0.00	84.51 3.91 -9.54	104.37 5.01 -27.81	101.26 5.53 -23.95	83.71 5.07 -7.30	75.01 4.59 -0.84	65.79 4.13 0.00	62.84 3.83 0.00	65.39 3.94 0.00	71.54 4.61 0.00	89.19 5.07 -14.63	110.31 6.30 -29.91	131.41 8.13 -34.86	137.15 8.56 -37.53	113.21 8.13 -16.66	111.82 7.35 -20.98	101.42 5.25 -24.15	101.65 4.65 -25.44	95.73 4.14 -20.25
GLENWOOD___4 23550	67.27 3.20 0.00	64.94 2.97 0.00	64.51 2.78 0.00	60.71 2.50 0.00	63.12 2.43 0.00	65.81 2.59 0.00	84.58 3.98 -9.54	104.44 5.08 -27.81	101.33 5.60 -23.95	83.78 5.14 -7.30	75.15 4.73 -0.84	65.85 4.19 0.00	62.90 3.89 0.00	65.45 3.99 0.00	71.54 4.62 0.00	89.26 5.14 -14.63	110.39 6.37 -29.91	131.59 8.31 -34.86	137.34 8.74 -37.53	113.30 8.22 -16.66	111.99 7.51 -20.98	101.93 5.76 -24.15	101.80 4.79 -25.44	96.16 4.57 -20.25
GLENWOOD___5 23614	67.27 3.20 0.00	64.94 2.97 0.00	64.51 2.78 0.00	60.71 2.50 0.00	63.12 2.43 0.00	65.81 2.59 0.00	84.58 3.98 -9.54	104.44 5.08 -27.81	101.33 5.60 -23.95	83.78 5.14 -7.30	75.15 4.73 -0.84	65.85 4.19 0.00	62.90 3.89 0.00	65.45 3.99 0.00	71.54 4.62 0.00	89.26 5.14 -14.63	110.39 6.37 -29.91	131.59 8.31 -34.86	137.34 8.74 -37.53	113.30 8.22 -16.66	111.99 7.51 -20.98	101.93 5.76 -24.15	101.80 4.79 -25.44	96.16 4.57 -20.25
GLOBAL GREEN_PORT_GT1 23814	68.94 4.87 0.00	66.48 4.52 0.00	65.93 4.20 0.00	62.22 4.01 0.00	64.64 3.94 0.00	67.64 4.42 0.00	86.92 6.32 -9.54	106.94 7.58 -27.81	103.77 8.04 -23.95	85.84 7.20 -7.30	76.40 5.98 -0.84	66.78 5.12 0.00	63.66 4.66 0.00	66.25 4.80 0.00	72.74 5.82 0.00	90.51 6.39 -14.63	112.24 8.22 -29.91	134.24 10.96 -34.86	140.03 11.38 -37.58	115.24 10.16 -16.66	113.32 8.85 -20.98	102.58 6.41 -24.15	102.87 5.87 -25.44	97.52 5.92 -20.25
GLOBE___DSASP 323697	57.98 -6.09 0.00	56.01 -5.95 0.00	56.24 -5.49 0.00	53.02 -5.18 0.00	55.60 -5.10 0.00	58.03 -5.18 0.00	64.38 -6.68 0.00	63.47 -8.09 0.00	63.24 -8.54 0.00	62.28 -9.06 0.00	61.09 -8.49 0.00	54.38 -7.28 0.00	51.69 -7.32 0.00	54.20 -7.25 0.00	58.36 -8.57 0.00	60.94 -8.55 0.00	64.69 -9.41 0.00	81.12 -9.37 -2.08	83.66 -9.29 -1.88	78.43 -9.99 0.00	74.31 -9.18 0.00	66.26 -5.76 0.00	64.62 -6.94 0.00	64.43 -6.92 0.00
GOETHSLN___LBMP 323567	55.44 1.54 10.16	55.50 1.36 7.82	55.44 1.17 7.46	55.44 0.99 3.75	55.44 0.91 6.17	55.44 1.20 8.98	55.44 2.27 17.89	56.26 3.51 18.80	54.63 4.09 21.25	54.70 3.71 20.35	54.16 3.20 18.62	53.82 2.96 10.80	51.82 2.83 10.02	53.78 2.89 10.56	54.57 3.28 15.63	53.32 3.68 19.85	42.42 4.82 36.50	48.00 6.37 46.79	47.96 6.65 49.76	42.38 6.28 52.32	38.52 5.59 50.56	45.83 4.03 30.22	51.17 3.08 23.47	55.52 2.93 18.76
GOLAH___69_KV_TB 1_2 80279	60.48 -3.59 0.00	58.49 -3.47 0.00	58.65 -3.09 0.00	55.23 -2.97 0.00	57.90 -2.79 0.00	60.50 -2.72 0.00	67.93 -3.13 0.00	67.76 -3.79 0.00	67.84 -3.95 0.00	66.78 -4.57 0.00	65.26 -4.31 0.00	57.84 -3.82 0.00	54.99 -4.01 0.00	57.46 -3.99 0.00	62.10 -4.82 0.00	64.90 -4.59 0.00	69.36 -4.74 0.00	86.08 -4.07 -1.73	89.08 -3.55 -1.56	83.82 -4.60 0.00	79.23 -4.26 0.00	69.72 -2.30 0.00	68.35 -3.22 0.00	68.00 -3.35 0.00

GOODYEAR_LAKE_HYD 323669	65.80 1.73 0.00	63.82 1.86 0.00	63.52 1.79 0.00	59.89 1.69 0.00	62.52 1.82 0.00	65.18 1.96 0.00	74.73 2.63 -1.04	82.31 3.08 -7.67	80.80 3.30 -5.71	74.20 2.85 0.00	72.15 2.57 0.00	63.76 2.10 0.00	60.83 1.83 0.00	63.48 2.03 0.00	69.13 2.21 0.00	71.99 2.50 0.00	79.45 3.56 -1.79	112.84 5.13 -19.29	120.60 5.46 -24.07	117.04 5.13 -23.49	103.78 4.59 -15.69	80.68 3.82 -4.85	76.39 3.15 -1.68	77.29 3.00 -2.94
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	63.17 -0.90 0.00	61.16 -0.81 0.00	60.99 -0.74 0.00	57.50 -0.70 0.00	60.09 -0.61 0.00	62.59 -0.63 0.00	70.78 -0.43 -0.15	72.06 -0.57 -1.08	72.09 -0.50 -0.80	70.56 -0.78 0.00	68.74 -0.83 0.00	60.80 -0.86 0.00	58.06 -0.94 0.00	60.59 -0.86 0.00	65.85 -1.07 0.00	68.58 -0.90 0.00	73.99 -0.37 -0.25	93.59 0.53 -4.64	97.02 0.82 -5.13	92.17 0.44 -3.30	85.95 0.25 -2.21	73.35 0.65 -0.68	71.66 -0.14 -0.24	71.69 -0.07 -0.41
GOUDEY___7 23579	63.17 -0.90 0.00	61.16 -0.81 0.00	60.99 -0.74 0.00	57.50 -0.70 0.00	60.09 -0.61 0.00	62.59 -0.63 0.00	70.78 -0.43 -0.15	72.06 -0.57 -1.08	72.09 -0.50 -0.80	70.56 -0.78 0.00	68.74 -0.83 0.00	60.80 -0.86 0.00	58.06 -0.94 0.00	60.59 -0.86 0.00	65.85 -1.07 0.00	68.58 -0.90 0.00	73.99 -0.37 -0.25	93.59 0.53 -4.64	97.02 0.82 -5.13	92.17 0.44 -3.30	85.95 0.25 -2.21	73.35 0.65 -0.68	71.66 -0.14 -0.24	71.69 -0.07 -0.41
GOUDEY___8 23580	63.17 -0.90 0.00	61.16 -0.81 0.00	60.99 -0.74 0.00	57.50 -0.70 0.00	60.09 -0.61 0.00	62.59 -0.63 0.00	70.78 -0.43 -0.15	72.06 -0.57 -1.08	72.09 -0.50 -0.80	70.56 -0.78 0.00	68.74 -0.83 0.00	60.80 -0.86 0.00	58.06 -0.94 0.00	60.59 -0.86 0.00	65.85 -1.07 0.00	68.58 -0.90 0.00	73.99 -0.37 -0.25	93.59 0.53 -4.64	97.02 0.82 -5.13	92.17 0.44 -3.30	85.95 0.25 -2.21	73.35 0.65 -0.68	71.66 -0.14 -0.24	71.69 -0.07 -0.41
GOWANUS_GT1_1 24077	66.12 2.05 0.00	63.70 1.73 0.00	63.28 1.54 0.00	59.42 1.22 0.00	61.85 1.15 0.00	64.73 1.52 0.00	74.01 2.63 -0.32	77.85 3.94 -2.35	78.13 4.59 -1.75	75.55 4.21 0.00	73.33 3.76 0.00	67.56 3.51 -2.39	65.15 3.42 -2.72	67.50 3.44 -2.61	70.74 3.81 0.00	73.73 4.24 0.00	93.09 5.71 -13.28	116.80 7.60 -20.78	121.38 7.92 -22.39	114.82 7.52 -18.88	109.59 6.68 -19.42	91.49 4.75 -14.72	75.73 3.65 -0.52	75.68 3.42 -0.90
GOWANUS_GT1_2 24078	66.12 2.05 0.00	63.70 1.73 0.00	63.28 1.54 0.00	59.42 1.22 0.00	61.85 1.15 0.00	64.73 1.52 0.00	74.01 2.63 -0.32	77.85 3.94 -2.35	78.13 4.59 -1.75	75.55 4.21 0.00	73.33 3.76 0.00	67.56 3.51 -2.39	65.15 3.42 -2.72	67.50 3.44 -2.61	70.74 3.81 0.00	73.73 4.24 0.00	93.09 5.71 -13.28	116.80 7.60 -20.78	121.38 7.92 -22.39	114.82 7.52 -18.88	109.59 6.68 -19.42	91.49 4.75 -14.72	75.73 3.65 -0.52	75.68 3.42 -0.90
GOWANUS_GT1_3 24079	66.12 2.05 0.00	63.70 1.73 0.00	63.28 1.54 0.00	59.42 1.22 0.00	61.85 1.15 0.00	64.73 1.52 0.00	74.01 2.63 -0.32	77.85 3.94 -2.35	78.13 4.59 -1.75	75.55 4.21 0.00	73.33 3.76 0.00	67.56 3.51 -2.39	65.15 3.42 -2.72	67.50 3.44 -2.61	70.74 3.81 0.00	73.73 4.24 0.00	93.09 5.71 -13.28	116.80 7.60 -20.78	121.38 7.92 -22.39	114.82 7.52 -18.88	109.59 6.68 -19.42	91.49 4.75 -14.72	75.73 3.65 -0.52	75.68 3.42 -0.90
GOWANUS_GT1_4 24080	66.12 2.05 0.00	63.70 1.73 0.00	63.28 1.54 0.00	59.42 1.22 0.00	61.85 1.15 0.00	64.73 1.52 0.00	74.01 2.63 -0.32	77.85 3.94 -2.35	78.13 4.59 -1.75	75.55 4.21 0.00	73.33 3.76 0.00	67.56 3.51 -2.39	65.15 3.42 -2.72	67.50 3.44 -2.61	70.74 3.81 0.00	73.73 4.24 0.00	93.09 5.71 -13.28	116.80 7.60 -20.78	121.38 7.92 -22.39	114.82 7.52 -18.88	109.59 6.68 -19.42	91.49 4.75 -14.72	75.73 3.65 -0.52	75.68 3.42 -0.90
GOWANUS_GT1_5 24084	66.12 2.05 0.00	63.70 1.73 0.00	63.28 1.54 0.00	59.42 1.22 0.00	61.85 1.15 0.00	64.73 1.52 0.00	74.01 2.63 -0.32	77.85 3.94 -2.35	78.13 4.59 -1.75	75.55 4.21 0.00	73.33 3.76 0.00	67.56 3.51 -2.39	65.15 3.42 -2.72	67.50 3.44 -2.61	70.74 3.81 0.00	73.73 4.24 0.00	93.09 5.71 -13.28	116.80 7.60 -20.78	121.38 7.92 -22.39	114.82 7.52 -18.88	109.59 6.68 -19.42	91.49 4.75 -14.72	75.73 3.65 -0.52	75.68 3.42 -0.90
GOWANUS_GT1_6 24111	66.12 2.05 0.00	63.70 1.73 0.00	63.28 1.54 0.00	59.42 1.22 0.00	61.85 1.15 0.00	64.73 1.52 0.00	74.01 2.63 -0.32	77.85 3.94 -2.35	78.13 4.59 -1.75	75.55 4.21 0.00	73.33 3.76 0.00	67.56 3.51 -2.39	65.15 3.42 -2.72	67.50 3.44 -2.61	70.74 3.81 0.00	73.73 4.24 0.00	93.09 5.71 -13.28	116.80 7.60 -20.78	121.38 7.92 -22.39	114.82 7.52 -18.88	109.59 6.68 -19.42	91.49 4.75 -14.72	75.73 3.65 -0.52	75.68 3.42 -0.90
GOWANUS_GT1_7 24112	66.12 2.05 0.00	63.70 1.73 0.00	63.28 1.54 0.00	59.42 1.22 0.00	61.85 1.15 0.00	64.73 1.52 0.00	74.01 2.63 -0.32	77.85 3.94 -2.35	78.13 4.59 -1.75	75.55 4.21 0.00	73.33 3.76 0.00	67.56 3.51 -2.39	65.15 3.42 -2.72	67.50 3.44 -2.61	70.74 3.81 0.00	73.73 4.24 0.00	93.09 5.71 -13.28	116.80 7.60 -20.78	121.38 7.92 -22.39	114.82 7.52 -18.88	109.59 6.68 -19.42	91.49 4.75 -14.72	75.73 3.65 -0.52	75.68 3.42 -0.90
GOWANUS_GT1_8 24113	66.12 2.05 0.00	63.70 1.73 0.00	63.28 1.54 0.00	59.42 1.22 0.00	61.85 1.15 0.00	64.73 1.52 0.00	74.01 2.63 -0.32	77.85 3.94 -2.35	78.13 4.59 -1.75	75.55 4.21 0.00	73.33 3.76 0.00	67.56 3.51 -2.39	65.15 3.42 -2.72	67.50 3.44 -2.61	70.74 3.81 0.00	73.73 4.24 0.00	93.09 5.71 -13.28	116.80 7.60 -20.78	121.38 7.92 -22.39	114.82 7.52 -18.88	109.59 6.68 -19.42	91.49 4.75 -14.72	75.73 3.65 -0.52	75.68 3.42 -0.90
GOWANUS_GT2_1 24114	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
GOWANUS_GT2_2 24115	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
GOWANUS_GT2_3 24116	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90

GOWANUS_GT2_4 24117	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
GOWANUS_GT2_5 24118	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
GOWANUS_GT2_6 24119	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
GOWANUS_GT2_7 24120	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
GOWANUS_GT2_8 24121	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
GOWANUS_GT3_1 24122	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
GOWANUS_GT3_2 24123	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
GOWANUS_GT3_3 24124	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
GOWANUS_GT3_4 24125	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
GOWANUS_GT3_5 24126	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
GOWANUS_GT3_6 24127	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
GOWANUS_GT3_7 24128	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
GOWANUS_GT3_8 24129	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
GOWANUS_GT4_1 24130	66.12 2.05 0.00	63.70 1.73 0.00	63.28 1.54 0.00	59.42 1.22 0.00	61.85 1.15 0.00	64.73 1.52 0.00	74.01 2.63 -0.32	77.85 3.94 -2.35	78.13 4.59 -1.75	75.55 4.21 0.00	73.33 3.76 0.00	67.56 3.51 -2.39	65.15 3.42 -2.72	67.50 3.44 -2.61	70.74 3.81 0.00	73.73 4.24 0.00	93.09 5.71 -13.28	116.80 7.60 -20.78	121.38 7.92 -22.39	114.82 7.52 -18.88	109.59 6.68 -19.42	91.49 4.75 -14.72	75.73 3.65 -0.52	75.68 3.42 -0.90
GOWANUS_GT4_2 24131	66.12 2.05 0.00	63.70 1.73 0.00	63.28 1.54 0.00	59.42 1.22 0.00	61.85 1.15 0.00	64.73 1.52 0.00	74.01 2.63 -0.32	77.85 3.94 -2.35	78.13 4.59 -1.75	75.55 4.21 0.00	73.33 3.76 0.00	67.56 3.51 -2.39	65.15 3.42 -2.72	67.50 3.44 -2.61	70.74 3.81 0.00	73.73 4.24 0.00	93.09 5.71 -13.28	116.80 7.60 -20.78	121.38 7.92 -22.39	114.82 7.52 -18.88	109.59 6.68 -19.42	91.49 4.75 -14.72	75.73 3.65 -0.52	75.68 3.42 -0.90

GOWANUS_GT4_3 24132	66.12 2.05 0.00	63.70 1.73 0.00	63.28 1.54 0.00	59.42 1.22 0.00	61.85 1.15 0.00	64.73 1.52 0.00	74.01 2.63 -0.32	77.85 3.94 -2.35	78.13 4.59 -1.75	75.55 4.21 0.00	73.33 3.76 0.00	67.56 3.51 -2.39	65.15 3.42 -2.72	67.50 3.44 -2.61	70.74 3.81 0.00	73.73 4.24 0.00	93.09 5.71 -13.28	116.80 7.60 -20.78	121.38 7.92 -22.39	114.82 7.52 -18.88	109.59 6.68 -19.42	91.49 4.75 -14.72	75.73 3.65 -0.52	75.68 3.42 -0.90
GOWANUS_GT4_4 24133	66.12 2.05 0.00	63.70 1.73 0.00	63.28 1.54 0.00	59.42 1.22 0.00	61.85 1.15 0.00	64.73 1.52 0.00	74.01 2.63 -0.32	77.85 3.94 -2.35	78.13 4.59 -1.75	75.55 4.21 0.00	73.33 3.76 0.00	67.56 3.51 -2.39	65.15 3.42 -2.72	67.50 3.44 -2.61	70.74 3.81 0.00	73.73 4.24 0.00	93.09 5.71 -13.28	116.80 7.60 -20.78	121.38 7.92 -22.39	114.82 7.52 -18.88	109.59 6.68 -19.42	91.49 4.75 -14.72	75.73 3.65 -0.52	75.68 3.42 -0.90
GOWANUS_GT4_5 24134	66.12 2.05 0.00	63.70 1.73 0.00	63.28 1.54 0.00	59.42 1.22 0.00	61.85 1.15 0.00	64.73 1.52 0.00	74.01 2.63 -0.32	77.85 3.94 -2.35	78.13 4.59 -1.75	75.55 4.21 0.00	73.33 3.76 0.00	67.56 3.51 -2.39	65.15 3.42 -2.72	67.50 3.44 -2.61	70.74 3.81 0.00	73.73 4.24 0.00	93.09 5.71 -13.28	116.80 7.60 -20.78	121.38 7.92 -22.39	114.82 7.52 -18.88	109.59 6.68 -19.42	91.49 4.75 -14.72	75.73 3.65 -0.52	75.68 3.42 -0.90
GOWANUS_GT4_6 24135	66.12 2.05 0.00	63.70 1.73 0.00	63.28 1.54 0.00	59.42 1.22 0.00	61.85 1.15 0.00	64.73 1.52 0.00	74.01 2.63 -0.32	77.85 3.94 -2.35	78.13 4.59 -1.75	75.55 4.21 0.00	73.33 3.76 0.00	67.56 3.51 -2.39	65.15 3.42 -2.72	67.50 3.44 -2.61	70.74 3.81 0.00	73.73 4.24 0.00	93.09 5.71 -13.28	116.80 7.60 -20.78	121.38 7.92 -22.39	114.82 7.52 -18.88	109.59 6.68 -19.42	91.49 4.75 -14.72	75.73 3.65 -0.52	75.68 3.42 -0.90
GOWANUS_GT4_7 24136	66.12 2.05 0.00	63.70 1.73 0.00	63.28 1.54 0.00	59.42 1.22 0.00	61.85 1.15 0.00	64.73 1.52 0.00	74.01 2.63 -0.32	77.85 3.94 -2.35	78.13 4.59 -1.75	75.55 4.21 0.00	73.33 3.76 0.00	67.56 3.51 -2.39	65.15 3.42 -2.72	67.50 3.44 -2.61	70.74 3.81 0.00	73.73 4.24 0.00	93.09 5.71 -13.28	116.80 7.60 -20.78	121.38 7.92 -22.39	114.82 7.52 -18.88	109.59 6.68 -19.42	91.49 4.75 -14.72	75.73 3.65 -0.52	75.68 3.42 -0.90
GOWANUS_GT4_8 24137	66.12 2.05 0.00	63.70 1.73 0.00	63.28 1.54 0.00	59.42 1.22 0.00	61.85 1.15 0.00	64.73 1.52 0.00	74.01 2.63 -0.32	77.85 3.94 -2.35	78.13 4.59 -1.75	75.55 4.21 0.00	73.33 3.76 0.00	67.56 3.51 -2.39	65.15 3.42 -2.72	67.50 3.44 -2.61	70.74 3.81 0.00	73.73 4.24 0.00	93.09 5.71 -13.28	116.80 7.60 -20.78	121.38 7.92 -22.39	114.82 7.52 -18.88	109.59 6.68 -19.42	91.49 4.75 -14.72	75.73 3.65 -0.52	75.68 3.42 -0.90
GREENBSH_115KV_TB3 55895	65.73 1.67 0.00	63.63 1.67 0.00	63.34 1.61 0.00	59.77 1.57 0.00	62.27 1.58 0.00	64.80 1.58 0.00	74.30 1.78 -1.47	84.20 1.86 -10.79	81.97 2.15 -8.03	73.55 2.21 0.00	71.46 1.88 0.00	63.39 1.73 0.00	60.60 1.59 0.00	63.11 1.66 0.00	68.66 1.74 0.00	71.15 1.67 0.00	78.54 1.93 -2.51	119.41 2.21 -28.78	128.68 2.28 -35.34	123.56 2.12 -33.02	107.47 1.92 -22.06	80.49 1.66 -6.81	75.29 1.36 -2.36	77.41 1.93 -4.14
GREENIDGE_115KV_TB5 80291	62.15 -1.92 0.00	60.10 -1.86 0.00	60.07 -1.67 0.00	56.57 -1.63 0.00	59.30 -1.40 0.00	61.89 -1.33 0.00	70.15 -0.99 -0.09	70.98 -1.22 -0.64	70.76 -1.51 -0.48	69.34 -2.00 0.00	67.35 -2.23 0.00	59.56 -2.10 0.00	56.76 -2.24 0.00	59.36 -2.09 0.00	64.38 -2.54 0.00	67.40 -2.08 0.00	72.85 -1.41 -0.15	91.16 -0.09 -2.83	94.09 -0.09 -3.12	90.22 -0.18 -1.97	84.64 -0.17 -1.32	73.08 0.65 -0.41	71.13 -0.57 -0.14	70.96 -0.64 -0.25
GREENIDGE___3 23582	62.15 -1.92 0.00	60.10 -1.86 0.00	60.07 -1.67 0.00	56.57 -1.63 0.00	59.30 -1.40 0.00	61.89 -1.33 0.00	70.15 -0.99 -0.09	70.98 -1.22 -0.64	70.76 -1.51 -0.48	69.34 -2.00 0.00	67.35 -2.23 0.00	59.56 -2.10 0.00	56.76 -2.24 0.00	59.36 -2.09 0.00	64.38 -2.54 0.00	67.40 -2.08 0.00	72.85 -1.41 -0.15	91.16 -0.09 -2.83	94.09 -0.09 -3.12	90.22 -0.18 -1.97	84.64 -0.17 -1.32	73.08 0.65 -0.41	71.13 -0.57 -0.14	70.96 -0.64 -0.25
GREENIDGE___4 23583	62.27 -1.79 0.00	60.10 -1.86 0.00	60.07 -1.66 0.00	56.57 -1.63 0.00	59.30 -1.39 0.00	61.89 -1.33 0.00	70.15 -0.99 -0.09	70.98 -1.22 -0.64	70.76 -1.51 -0.48	69.35 -2.00 0.00	67.35 -2.23 0.00	59.56 -2.10 0.00	56.76 -2.24 0.00	59.43 -2.03 0.00	64.24 -2.68 0.00	67.40 -2.08 0.00	72.85 -1.41 -0.15	91.16 -0.09 -2.83	94.18 0.00 -3.12	90.57 0.18 -1.97	84.56 -0.25 -1.32	72.36 -0.07 -0.41	71.13 -0.58 -0.14	71.24 -0.35 -0.25
GREENLWN_69_KV_BK 3 55738	67.40 3.33 0.00	65.06 3.10 0.00	64.57 2.84 0.00	60.82 2.62 0.00	63.25 2.55 0.00	66.06 2.84 0.00	84.87 4.26 -9.54	104.73 5.37 -27.81	101.69 5.96 -23.95	84.06 5.42 -7.30	75.36 4.94 -0.84	66.04 4.38 0.00	63.13 4.13 0.00	65.69 4.24 0.00	71.87 4.95 0.00	89.54 5.42 -14.63	110.76 6.74 -29.91	132.03 8.75 -34.86	137.87 9.29 -37.52	113.74 8.67 -16.66	112.32 7.85 -20.98	102.22 6.05 -24.15	102.01 5.01 -25.44	96.45 4.85 -20.25
GREENWD_138_KV_38B11_REV_LBMP_J 345004	66.12 2.05 0.00	63.70 1.73 0.00	63.28 1.54 0.00	59.42 1.22 0.00	61.85 1.15 0.00	64.73 1.52 0.00	74.01 2.63 -0.32	77.85 3.94 -2.35	78.13 4.59 -1.75	75.55 4.21 0.00	73.33 3.76 0.00	67.56 3.51 -2.39	65.15 3.42 -2.72	67.50 3.44 -2.61	70.74 3.81 0.00	73.73 4.24 0.00	93.09 5.71 -13.28	116.80 7.60 -20.78	121.38 7.92 -22.39	114.82 7.52 -18.88	109.59 6.68 -19.42	91.49 4.75 -14.72	75.73 3.65 -0.52	75.68 3.42 -0.90
GRISSOM___SOLAR 323813	68.30 4.23 0.00	66.18 4.22 0.00	65.99 4.26 0.00	62.22 4.01 0.00	64.88 4.18 0.00	67.64 4.42 0.00	80.04 5.55 -3.44	102.59 5.73 -25.30	96.30 5.67 -18.84	76.33 4.99 0.00	74.03 4.46 0.00	64.99 3.33 0.00	61.95 2.95 0.00	64.64 3.19 0.00	70.53 3.61 0.00	73.87 4.38 0.00	86.00 6.00 -5.89	151.43 8.05 -54.96	171.08 8.47 -71.54	174.12 8.22 -77.47	142.93 7.68 -51.76	94.34 6.34 -15.98	83.12 6.01 -5.54	86.55 5.49 -9.70
GROVEVILLE___HYD 323602	66.70 2.63 0.00	64.38 2.42 0.00	64.08 2.35 0.00	60.30 2.10 0.00	62.82 2.12 0.00	65.62 2.40 0.00	74.80 3.41 -0.33	78.06 4.08 -2.42	78.26 4.67 -1.81	75.27 3.92 0.00	73.06 3.48 0.00	64.93 3.27 0.00	62.07 3.07 0.00	64.71 3.26 0.00	70.67 3.75 0.00	73.59 4.10 0.00	80.01 5.34 -0.56	107.63 7.16 -12.05	111.54 7.47 -13.00	102.92 7.07 -7.42	94.88 6.43 -4.96	78.38 4.83 -1.53	76.03 3.94 -0.53	76.21 3.92 -0.93
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	61.89 -2.18 0.00	59.85 -2.11 0.00	59.70 -2.04 0.00	56.28 -1.92 0.00	58.81 -1.88 0.00	61.26 -1.96 0.00	69.14 -1.92 0.00	69.77 -1.79 0.00	69.99 -1.79 0.00	69.34 -2.00 0.00	67.49 -2.09 0.00	59.81 -1.85 0.00	57.18 -1.83 0.00	59.61 -1.84 0.00	64.78 -2.14 0.00	67.47 -2.02 0.00	72.33 -1.78 0.00	87.09 -1.33 0.00	89.97 -1.09 0.00	87.01 -1.41 0.00	82.07 -1.42 0.00	71.16 -0.86 0.00	69.99 -1.57 0.00	69.64 -1.71 0.00

HAMLTNNY_34_KV_TB 80303	62.21 -1.86 0.00	60.16 -1.80 0.00	60.07 -1.67 0.00	56.57 -1.63 0.00	59.18 -1.52 0.00	61.64 -1.58 0.00	69.64 -1.42 0.00	70.27 -1.29 0.00	70.42 -1.36 0.00	69.70 -1.64 0.00	67.84 -1.74 0.00	60.12 -1.54 0.00	57.41 -1.59 0.00	59.92 -1.54 0.00	65.12 -1.81 0.00	67.89 -1.60 0.00	72.77 -1.33 0.00	89.24 -0.71 -1.53	92.08 -0.36 -1.38	87.62 -0.80 0.00	82.65 -0.83 0.00	71.66 -0.36 0.00	70.49 -1.07 0.00	70.14 -1.21 0.00
HAMPSHIRE___PAPER_HYD 323593	65.35 1.28 0.00	63.08 1.12 0.00	62.85 1.11 0.00	59.37 1.16 0.00	61.66 0.97 0.00	64.10 0.88 0.00	71.77 0.71 0.00	71.92 0.36 0.00	71.72 -0.07 0.00	71.63 0.29 0.00	69.86 0.28 0.00	61.60 -0.06 0.00	59.30 0.30 0.00	61.51 0.06 0.00	66.99 0.07 0.00	69.35 -0.14 0.00	73.81 -0.30 0.00	87.89 -0.53 0.00	90.33 -0.73 0.00	88.24 -0.18 0.00	83.57 0.08 0.00	72.53 0.51 0.00	72.57 1.00 0.00	72.70 1.35 0.00
HARDSCRABBLE_WT_PWR 323673	65.60 1.54 0.00	63.26 1.30 0.00	62.85 1.11 0.00	59.08 0.87 0.00	61.55 0.85 0.00	64.29 1.07 0.00	72.55 1.49 0.00	73.13 1.57 0.00	73.30 1.51 0.00	72.41 1.07 0.00	70.34 0.77 0.00	62.10 0.43 0.00	59.12 0.12 0.00	61.57 0.12 0.00	67.12 0.20 0.00	69.84 0.35 0.00	75.07 0.96 0.00	90.19 1.77 0.00	93.25 2.18 0.00	90.81 2.39 0.00	85.82 2.33 0.00	74.26 2.24 0.00	74.00 2.43 0.00	73.85 2.50 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	65.93 1.86 0.00	63.63 1.67 0.00	63.34 1.61 0.00	59.60 1.40 0.00	62.09 1.40 0.00	64.86 1.64 0.00	73.91 2.56 -0.30	77.11 3.36 -2.20	77.30 3.88 -1.63	74.62 3.28 0.00	72.43 2.85 0.00	64.31 2.65 0.00	61.54 2.54 0.00	64.16 2.70 0.00	70.00 3.08 0.00	72.89 3.40 0.00	79.14 4.52 -0.51	105.68 6.10 -11.16	109.44 6.37 -11.99	101.24 6.10 -6.72	93.41 5.43 -4.49	77.44 4.03 -1.39	75.20 3.15 -0.48	75.26 3.07 -0.84
HARSNRAD_115KV_TB1 81005	58.24 -5.83 0.00	56.32 -5.64 0.00	56.55 -5.19 0.00	53.26 -4.95 0.00	55.84 -4.86 0.00	58.22 -4.99 0.00	65.23 -5.83 0.00	64.33 -7.23 0.00	64.11 -7.68 0.00	63.07 -8.28 0.00	61.78 -7.79 0.00	55.06 -6.60 0.00	52.28 -6.73 0.00	54.81 -6.64 0.00	59.03 -7.90 0.00	61.77 -7.71 0.00	65.66 -8.45 0.00	82.25 -8.22 -2.05	84.91 -8.01 -1.86	79.58 -8.84 0.00	75.47 -8.01 0.00	67.20 -4.83 0.00	65.55 -6.01 0.00	65.36 -5.99 0.00
HARZA MOOSE___RIVER 24016	65.35 1.28 0.00	63.14 1.18 0.00	62.91 1.17 0.00	59.42 1.22 0.00	61.97 1.27 0.00	64.67 1.45 0.00	72.83 1.78 0.00	73.49 1.93 0.00	73.44 1.65 0.00	72.84 1.50 0.00	70.90 1.32 0.00	62.59 0.92 0.00	59.89 0.89 0.00	62.43 0.98 0.00	67.99 1.07 0.00	70.74 1.25 0.00	76.03 1.93 0.00	91.34 2.92 0.00	94.25 3.19 0.00	91.60 3.18 0.00	86.41 2.92 0.00	74.47 2.45 0.00	73.86 2.29 0.00	73.56 2.21 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	61.70 -2.37 0.00	59.73 -2.23 0.00	59.57 -2.16 0.00	56.11 -2.10 0.00	58.69 -2.00 0.00	61.13 -2.09 0.00	69.00 -2.06 0.00	69.62 -1.93 0.00	69.78 -2.01 0.00	69.13 -2.21 0.00	67.35 -2.23 0.00	59.69 -1.97 0.00	57.00 -2.01 0.00	59.49 -1.97 0.00	64.65 -2.28 0.00	67.33 -2.15 0.00	72.18 -1.93 0.00	86.92 -1.50 0.00	89.70 -1.37 0.00	86.74 -1.68 0.00	81.82 -1.67 0.00	70.94 -1.08 0.00	69.78 -1.79 0.00	69.50 -1.86 0.00
HELLGATE_13_KV_LD 55870	65.99 1.92 0.00	63.57 1.61 0.00	63.15 1.42 0.00	59.37 1.16 0.00	61.79 1.09 0.00	64.61 1.39 0.00	73.86 2.49 -0.32	77.70 3.79 -2.35	77.99 4.45 -1.75	75.34 4.00 0.00	73.13 3.55 0.00	64.99 3.33 0.00	62.19 3.19 0.00	64.71 3.26 0.00	70.54 3.61 0.00	73.52 4.03 0.00	79.99 5.34 -0.55	107.39 7.07 -11.90	111.25 7.38 -12.80	102.52 6.90 -7.21	94.48 6.18 -4.82	77.97 4.47 -1.49	75.44 3.36 -0.52	75.61 3.35 -0.90
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	65.99 1.92 0.00	63.57 1.61 0.00	63.15 1.42 0.00	59.37 1.16 0.00	61.79 1.09 0.00	64.61 1.39 0.00	73.86 2.49 -0.32	77.70 3.79 -2.35	77.99 4.45 -1.75	75.34 4.00 0.00	73.13 3.55 0.00	64.99 3.33 0.00	62.19 3.19 0.00	64.71 3.26 0.00	70.54 3.61 0.00	73.52 4.03 0.00	79.99 5.34 -0.55	107.39 7.07 -11.90	111.25 7.38 -12.80	102.52 6.90 -7.21	94.48 6.18 -4.82	77.97 4.47 -1.49	75.44 3.36 -0.52	75.61 3.35 -0.90
HEMPSTEAD____ 23647	66.76 2.69 0.00	64.50 2.54 0.00	64.02 2.29 0.00	60.47 2.27 0.00	62.82 2.12 0.00	65.62 2.40 0.00	84.37 3.76 -9.54	104.16 4.79 -27.81	101.12 5.39 -23.95	83.56 4.92 -7.30	74.87 4.46 -0.84	65.61 3.95 0.00	62.66 3.66 0.00	65.20 3.75 0.00	71.41 4.48 0.00	89.05 4.93 -14.63	110.16 6.15 -29.91	131.24 7.96 -34.86	136.97 8.37 -37.53	113.04 7.96 -16.66	111.73 7.26 -20.98	101.28 5.11 -24.15	101.52 4.51 -25.44	95.59 3.99 -20.25
HEWLETT_69_KV_BK3 55828	67.34 3.27 0.00	65.06 3.10 0.00	64.57 2.84 0.00	60.82 2.62 0.00	63.25 2.55 0.00	66.06 2.84 0.00	84.87 4.26 -9.54	104.59 5.22 -27.81	101.55 5.81 -23.95	84.06 5.42 -7.30	75.36 4.94 -0.84	66.04 4.38 0.00	63.13 4.13 0.00	65.69 4.24 0.00	71.81 4.89 0.00	89.54 5.42 -14.63	110.54 6.52 -29.91	131.86 8.58 -34.86	137.61 9.02 -37.53	113.57 8.49 -16.66	112.24 7.76 -20.98	102.15 5.98 -24.15	102.16 5.15 -25.44	96.59 4.99 -20.25
HICKLING___1 23621	62.21 -1.86 0.00	60.16 -1.80 0.00	60.13 -1.61 0.00	56.63 -1.57 0.00	59.30 -1.40 0.00	61.83 -1.39 0.00	69.96 -1.21 -0.11	70.65 -1.72 -0.81	70.45 -1.94 -0.60	68.99 -2.35 0.00	67.14 -2.44 0.00	59.32 -2.34 0.00	56.59 -2.42 0.00	59.12 -2.34 0.00	64.05 -2.88 0.00	66.99 -2.50 0.00	72.44 -1.85 -0.19	91.38 -0.62 -3.58	94.82 -0.18 -3.93	90.19 -0.71 -2.47	84.47 -0.67 -1.65	72.96 0.43 -0.51	70.96 -0.79 -0.18	71.09 -0.57 -0.31
HICKLING___2 23622	62.21 -1.86 0.00	60.16 -1.80 0.00	60.13 -1.61 0.00	56.63 -1.57 0.00	59.30 -1.40 0.00	61.83 -1.39 0.00	69.96 -1.21 -0.11	70.65 -1.72 -0.81	70.45 -1.94 -0.60	68.99 -2.35 0.00	67.14 -2.44 0.00	59.32 -2.34 0.00	56.59 -2.42 0.00	59.12 -2.34 0.00	64.05 -2.88 0.00	66.99 -2.50 0.00	72.44 -1.85 -0.19	91.38 -0.62 -3.58	94.82 -0.18 -3.93	90.19 -0.71 -2.47	84.47 -0.67 -1.65	72.96 0.43 -0.51	70.96 -0.79 -0.18	71.09 -0.57 -0.31
HIGH FALLS___HY 23754	66.37 2.31 0.00	64.13 2.17 0.00	63.77 2.04 0.00	60.07 1.86 0.00	62.52 1.82 0.00	65.37 2.15 0.00	74.82 3.34 -0.42	78.76 4.08 -3.12	78.78 4.67 -2.33	74.98 3.64 0.00	72.78 3.20 0.00	64.62 2.96 0.00	61.84 2.83 0.00	64.46 3.01 0.00	70.47 3.55 0.00	73.45 3.96 0.00	80.24 5.41 -0.73	109.25 7.52 -13.31	113.65 7.83 -14.75	105.50 7.52 -9.57	96.64 6.76 -6.39	79.04 5.04 -1.97	76.19 3.94 -0.68	76.40 3.85 -1.20
HIGH_RIVER___SOLAR 323847	66.76 2.69 0.00	64.68 2.72 0.00	64.45 2.71 0.00	60.76 2.56 0.00	63.36 2.67 0.00	66.00 2.78 0.00	78.24 3.55 -3.63	102.08 3.79 -26.73	95.56 3.87 -19.90	74.63 3.28 0.00	72.50 2.92 0.00	63.88 2.22 0.00	60.95 1.94 0.00	63.48 2.02 0.00	69.26 2.34 0.00	72.41 2.92 0.00	84.55 4.22 -6.22	151.94 5.66 -57.85	172.29 5.83 -75.39	175.93 5.66 -81.84	143.43 5.26 -54.68	93.08 4.18 -16.88	81.35 3.93 -5.85	85.24 3.64 -10.25

HILLBURN___GT 23639	65.73 1.66 0.00	63.45 1.48 0.00	63.15 1.42 0.00	59.48 1.28 0.00	61.91 1.21 0.00	64.67 1.46 0.00	73.78 2.42 -0.30	77.15 3.36 -2.23	77.32 3.87 -1.66	74.70 3.35 0.00	72.50 2.92 0.00	64.44 2.78 0.00	61.60 2.59 0.00	64.15 2.70 0.00	70.07 3.15 0.00	72.96 3.47 0.00	79.15 4.52 -0.52	105.74 6.02 -11.31	109.50 6.28 -12.16	101.25 6.02 -6.82	93.39 5.35 -4.55	77.03 3.60 -1.41	75.06 3.01 -0.49	74.77 2.56 -0.85
HILLSIDE_115KV_TB1 80332	61.70 -2.37 0.00	59.73 -2.23 0.00	59.63 -2.10 0.00	56.22 -1.98 0.00	58.81 -1.88 0.00	61.26 -1.96 0.00	69.25 -1.92 -0.11	69.96 -2.43 -0.84	69.90 -2.51 -0.62	68.49 -2.85 0.00	66.72 -2.85 0.00	58.95 -2.71 0.00	56.23 -2.77 0.00	58.75 -2.70 0.00	63.71 -3.21 0.00	66.50 -2.99 0.00	71.78 -2.52 -0.19	90.53 -1.59 -3.71	93.87 -1.27 -4.08	89.22 -1.77 -2.56	83.45 -1.75 -1.71	71.90 -0.65 -0.53	70.10 -1.65 -0.18	70.32 -1.36 -0.32
HISHELDN_WT_PWR 323625	59.84 -4.23 0.00	57.62 -4.34 0.00	57.78 -3.95 0.00	54.42 -3.78 0.00	56.99 -3.70 0.00	59.36 -3.86 0.00	66.80 -4.34 -0.08	66.47 -5.65 -0.57	65.97 -6.25 -0.43	64.42 -6.92 0.00	62.90 -6.68 0.00	55.80 -5.86 0.00	53.10 -5.90 0.00	55.74 -5.71 0.00	59.76 -7.16 0.00	63.03 -6.46 0.00	67.64 -6.60 -0.13	85.21 -5.75 -2.53	88.57 -5.28 -2.79	84.78 -5.40 -1.75	79.24 -5.43 -1.17	68.35 -4.03 -0.36	67.62 -4.08 -0.13	68.15 -3.42 -0.22
HOLTSVILLE_IC_1 23690	68.04 3.97 0.00	65.62 3.65 0.00	65.06 3.33 0.00	61.40 3.20 0.00	63.85 3.15 0.00	66.76 3.54 0.00	85.79 5.18 -9.54	105.66 6.30 -27.81	102.56 6.82 -23.95	84.70 6.06 -7.30	75.91 5.50 -0.84	66.53 4.87 0.00	63.49 4.48 0.00	66.06 4.61 0.00	72.54 5.62 0.00	89.96 5.84 -14.63	111.28 7.27 -29.91	132.65 9.37 -34.86	138.12 9.47 -37.58	114.10 9.02 -16.66	112.49 8.02 -20.98	102.00 5.83 -24.15	102.16 5.16 -25.44	96.38 4.78 -20.25
HOLTSVILLE_IC_10 23699	68.36 4.29 0.00	65.99 4.03 0.00	65.37 3.64 0.00	61.75 3.55 0.00	64.15 3.46 0.00	67.14 3.92 0.00	86.21 5.61 -9.54	106.16 6.80 -27.81	102.98 7.25 -23.95	85.20 6.56 -7.30	76.40 5.98 -0.84	66.90 5.24 0.00	63.84 4.84 0.00	66.43 4.98 0.00	72.95 6.03 0.00	90.44 6.32 -14.63	111.87 7.85 -29.91	133.45 10.16 -34.86	139.03 10.38 -37.59	114.80 9.73 -16.66	113.07 8.60 -20.98	102.51 6.34 -24.15	102.66 5.65 -25.44	96.88 5.28 -20.25
HOLTSVILLE_IC_2 23691	68.04 3.97 0.00	65.62 3.65 0.00	65.06 3.33 0.00	61.40 3.20 0.00	63.85 3.15 0.00	66.76 3.54 0.00	85.79 5.18 -9.54	105.66 6.30 -27.81	102.56 6.82 -23.95	84.70 6.06 -7.30	75.91 5.50 -0.84	66.53 4.87 0.00	63.49 4.48 0.00	66.06 4.61 0.00	72.54 5.62 0.00	89.96 5.84 -14.63	111.28 7.27 -29.91	132.65 9.37 -34.86	138.12 9.47 -37.58	114.10 9.02 -16.66	112.49 8.02 -20.98	102.00 5.83 -24.15	102.16 5.16 -25.44	96.38 4.78 -20.25
HOLTSVILLE_IC_3 23692	68.04 3.97 0.00	65.62 3.65 0.00	65.06 3.33 0.00	61.40 3.20 0.00	63.85 3.15 0.00	66.76 3.54 0.00	85.79 5.18 -9.54	105.66 6.30 -27.81	102.56 6.82 -23.95	84.70 6.06 -7.30	75.91 5.50 -0.84	66.53 4.87 0.00	63.49 4.48 0.00	66.06 4.61 0.00	72.54 5.62 0.00	89.96 5.84 -14.63	111.28 7.27 -29.91	132.65 9.37 -34.86	138.12 9.47 -37.58	114.10 9.02 -16.66	112.49 8.02 -20.98	102.00 5.83 -24.15	102.16 5.16 -25.44	96.38 4.78 -20.25
HOLTSVILLE_IC_4 23693	68.04 3.97 0.00	65.62 3.65 0.00	65.06 3.33 0.00	61.40 3.20 0.00	63.85 3.15 0.00	66.76 3.54 0.00	85.79 5.18 -9.54	105.66 6.30 -27.81	102.56 6.82 -23.95	84.70 6.06 -7.30	75.91 5.50 -0.84	66.53 4.87 0.00	63.49 4.48 0.00	66.06 4.61 0.00	72.54 5.62 0.00	89.96 5.84 -14.63	111.28 7.27 -29.91	132.65 9.37 -34.86	138.12 9.47 -37.58	114.10 9.02 -16.66	112.49 8.02 -20.98	102.00 5.83 -24.15	102.16 5.16 -25.44	96.38 4.78 -20.25
HOLTSVILLE_IC_5 23694	68.04 3.97 0.00	65.62 3.65 0.00	65.06 3.33 0.00	61.40 3.20 0.00	63.85 3.15 0.00	66.76 3.54 0.00	85.79 5.18 -9.54	105.66 6.30 -27.81	102.56 6.82 -23.95	84.70 6.06 -7.30	75.91 5.50 -0.84	66.53 4.87 0.00	63.49 4.48 0.00	66.06 4.61 0.00	72.54 5.62 0.00	89.96 5.84 -14.63	111.28 7.27 -29.91	132.65 9.37 -34.86	138.12 9.47 -37.58	114.10 9.02 -16.66	112.49 8.02 -20.98	102.00 5.83 -24.15	102.16 5.16 -25.44	96.38 4.78 -20.25
HOLTSVILLE_IC_6 23695	68.36 4.29 0.00	65.99 4.03 0.00	65.37 3.64 0.00	61.75 3.55 0.00	64.15 3.46 0.00	67.14 3.92 0.00	86.21 5.61 -9.54	106.16 6.80 -27.81	102.98 7.25 -23.95	85.20 6.56 -7.30	76.40 5.98 -0.84	66.90 5.24 0.00	63.84 4.84 0.00	66.43 4.98 0.00	72.95 6.03 0.00	90.44 6.32 -14.63	111.87 7.85 -29.91	133.45 10.16 -34.86	139.03 10.38 -37.59	114.80 9.73 -16.66	113.07 8.60 -20.98	102.51 6.34 -24.15	102.66 5.65 -25.44	96.88 5.28 -20.25
HOLTSVILLE_IC_7 23696	68.36 4.29 0.00	65.99 4.03 0.00	65.37 3.64 0.00	61.75 3.55 0.00	64.15 3.46 0.00	67.14 3.92 0.00	86.21 5.61 -9.54	106.16 6.80 -27.81	102.98 7.25 -23.95	85.20 6.56 -7.30	76.40 5.98 -0.84	66.90 5.24 0.00	63.84 4.84 0.00	66.43 4.98 0.00	72.95 6.03 0.00	90.44 6.32 -14.63	111.87 7.85 -29.91	133.45 10.16 -34.86	139.03 10.38 -37.59	114.80 9.73 -16.66	113.07 8.60 -20.98	102.51 6.34 -24.15	102.66 5.65 -25.44	96.88 5.28 -20.25
HOLTSVILLE_IC_8 23697	68.36 4.29 0.00	65.99 4.03 0.00	65.37 3.64 0.00	61.75 3.55 0.00	64.15 3.46 0.00	67.14 3.92 0.00	86.21 5.61 -9.54	106.16 6.80 -27.81	102.98 7.25 -23.95	85.20 6.56 -7.30	76.40 5.98 -0.84	66.90 5.24 0.00	63.84 4.84 0.00	66.43 4.98 0.00	72.95 6.03 0.00	90.44 6.32 -14.63	111.87 7.85 -29.91	133.45 10.16 -34.86	139.03 10.38 -37.59	114.80 9.73 -16.66	113.07 8.60 -20.98	102.51 6.34 -24.15	102.66 5.65 -25.44	96.88 5.28 -20.25
HOLTSVILLE_IC_9 23698	68.36 4.29 0.00	65.99 4.03 0.00	65.37 3.64 0.00	61.75 3.55 0.00	64.15 3.46 0.00	67.14 3.92 0.00	86.21 5.61 -9.54	106.16 6.80 -27.81	102.98 7.25 -23.95	85.20 6.56 -7.30	76.40 5.98 -0.84	66.90 5.24 0.00	63.84 4.84 0.00	66.43 4.98 0.00	72.95 6.03 0.00	90.44 6.32 -14.63	111.87 7.85 -29.91	133.45 10.16 -34.86	139.03 10.38 -37.59	114.80 9.73 -16.66	113.07 8.60 -20.98	102.51 6.34 -24.15	102.66 5.65 -25.44	96.88 5.28 -20.25
HOMER_HL_115KV_TB2 355744	60.16 -3.91 0.00	58.18 -3.78 0.00	58.28 -3.46 0.00	54.89 -3.32 0.00	57.48 -3.22 0.00	59.87 -3.35 0.00	67.52 -3.62 -0.08	66.64 -5.51 -0.60	66.99 -5.24 -0.44	64.56 -6.78 0.00	63.04 -6.54 0.00	56.30 -5.36 0.00	53.58 -5.43 0.00	56.11 -5.35 0.00	60.43 -6.49 0.00	63.37 -6.11 0.00	68.17 -6.08 -0.14	85.68 -5.39 -2.65	88.97 -5.01 -2.92	84.59 -5.66 -1.83	79.37 -5.34 -1.22	69.45 -2.95 -0.38	67.55 -4.15 -0.13	68.37 -3.21 -0.23
HOWARD_WT_PWR 323690	60.35 -3.72 0.00	58.37 -3.60 0.00	58.40 -3.33 0.00	54.94 -3.26 0.00	57.42 -3.28 0.00	59.87 -3.35 0.00	68.02 -3.12 -0.09	68.44 -3.79 -0.68	67.91 -4.38 -0.50	66.14 -5.21 0.00	64.29 -5.29 0.00	56.79 -4.87 0.00	54.11 -4.90 0.00	56.66 -4.79 0.00	60.90 -6.02 0.00	64.62 -4.87 0.00	70.49 -3.78 -0.16	89.28 -2.12 -2.98	92.99 -1.36 -3.28	89.17 -1.32 -2.07	83.62 -1.25 -1.38	71.95 -0.50 -0.43	70.86 -0.86 -0.15	71.26 -0.35 -0.26

HQ_GEN_CEDARS 23644	65.86 1.79 0.00	63.51 1.55 0.00	63.28 1.54 0.00	59.95 1.75 0.00	62.03 1.34 0.00	64.48 1.26 0.00	71.84 0.78 0.00	71.70 0.14 0.00	71.50 -0.29 0.00	71.63 0.29 0.00	70.00 0.42 0.00	61.85 0.18 0.00	59.83 0.83 0.00	61.76 0.31 0.00	67.26 0.33 0.00	69.56 0.07 0.00	73.29 -0.82 0.00	86.30 -2.12 0.00	88.06 -3.01 0.00	86.56 -1.86 0.00	82.15 -1.34 0.00	71.01 -1.01 0.00	71.92 0.36 0.00	72.07 0.71 0.00
HQ_GEN_CEDARS_PROXY 323590	65.86 1.79 0.00	63.51 1.55 0.00	63.28 1.54 0.00	59.83 1.63 0.00	62.03 1.33 0.00	64.48 1.26 0.00	71.84 0.78 0.00	71.70 0.14 0.00	71.50 -0.29 0.00	71.63 0.29 0.00	70.00 0.42 0.00	61.85 0.19 0.00	59.83 0.83 0.00	61.70 0.25 0.00	67.26 0.34 0.00	69.56 0.07 0.00	73.29 -0.81 0.00	86.30 -2.12 0.00	87.97 -3.10 0.00	86.30 -2.12 0.00	82.15 -1.34 0.00	71.66 -0.36 0.00	72.00 0.43 0.00	72.21 0.86 0.00
HQ_GEN_IMPORT 323601	64.77 0.71 0.00	62.58 0.62 0.00	62.35 0.62 0.00	58.78 0.58 0.00	61.24 0.55 0.00	63.79 0.57 0.00	71.20 0.14 0.00	71.20 -0.36 0.00	71.21 -0.58 0.00	71.20 -0.14 0.00	69.65 0.07 0.00	61.66 0.00 0.00	59.12 0.12 0.00	61.45 0.00 0.00	66.99 0.07 0.00	71.20 -0.21 -1.92	71.22 -0.97 1.92	86.39 -2.03 0.00	88.70 -2.37 0.00	86.39 -2.03 0.00	81.90 -1.59 0.00	71.23 -0.79 0.00	71.21 -0.36 0.00	71.21 -0.14 0.00
HQ_GEN_WHEEL 23651	64.77 0.71 0.00	62.58 0.62 0.00	62.35 0.62 0.00	58.78 0.58 0.00	61.24 0.55 0.00	63.79 0.57 0.00	71.20 0.14 0.00	71.20 -0.36 0.00	71.21 -0.58 0.00	71.20 -0.14 0.00	69.65 0.07 0.00	61.66 0.00 0.00	59.12 0.12 0.00	61.45 0.00 0.00	66.99 0.07 0.00	71.20 -0.21 -1.92	71.22 -0.97 1.92	86.39 -2.03 0.00	88.70 -2.37 0.00	86.39 -2.03 0.00	81.90 -1.59 0.00	71.23 -0.79 0.00	71.21 -0.36 0.00	71.21 -0.14 0.00
HUDSON AVE_GT_3 23810	66.18 2.11 0.00	63.76 1.80 0.00	63.40 1.67 0.00	59.66 1.46 0.00	62.09 1.40 0.00	64.92 1.71 0.00	74.22 2.84 -0.32	77.99 4.08 -2.35	78.21 4.67 -1.75	75.62 4.28 0.00	73.33 3.76 0.00	65.11 3.45 0.00	62.31 3.30 0.00	64.83 3.38 0.00	70.74 3.81 0.00	73.73 4.24 0.00	80.06 5.41 -0.55	107.48 7.16 -11.90	111.24 7.38 -12.80	102.61 6.99 -7.21	94.65 6.35 -4.82	78.12 4.61 -1.49	75.73 3.65 -0.52	75.75 3.50 -0.90
HUDSON AVE_GT_4 23540	66.18 2.11 0.00	63.76 1.80 0.00	63.40 1.67 0.00	59.66 1.46 0.00	62.09 1.40 0.00	64.92 1.71 0.00	74.22 2.84 -0.32	77.99 4.08 -2.35	78.21 4.67 -1.75	75.62 4.28 0.00	73.33 3.76 0.00	65.11 3.45 0.00	62.31 3.30 0.00	64.83 3.38 0.00	70.74 3.81 0.00	73.73 4.24 0.00	80.06 5.41 -0.55	107.48 7.16 -11.90	111.24 7.38 -12.80	102.61 6.99 -7.21	94.65 6.35 -4.82	78.12 4.61 -1.49	75.73 3.65 -0.52	75.75 3.50 -0.90
HUDSON AVE_GT_5 23657	66.18 2.11 0.00	63.76 1.80 0.00	63.40 1.67 0.00	59.66 1.46 0.00	62.09 1.40 0.00	64.92 1.71 0.00	74.22 2.84 -0.32	77.99 4.08 -2.35	78.21 4.67 -1.75	75.62 4.28 0.00	73.33 3.76 0.00	65.11 3.45 0.00	62.31 3.30 0.00	64.83 3.38 0.00	70.74 3.81 0.00	73.73 4.24 0.00	80.06 5.41 -0.55	107.48 7.16 -11.90	111.24 7.38 -12.80	102.61 6.99 -7.21	94.65 6.35 -4.82	78.12 4.61 -1.49	75.73 3.65 -0.52	75.75 3.50 -0.90
HUDSON_AVE_10 24168	65.93 1.86 0.00	63.57 1.61 0.00	63.15 1.42 0.00	59.42 1.22 0.00	61.85 1.15 0.00	64.73 1.52 0.00	74.01 2.63 -0.32	77.77 3.86 -2.35	77.99 4.45 -1.75	75.34 4.00 0.00	73.13 3.55 0.00	64.93 3.27 0.00	62.13 3.13 0.00	64.65 3.20 0.00	70.54 3.61 0.00	73.52 4.03 0.00	79.84 5.19 -0.55	107.21 6.90 -11.90	110.97 7.10 -12.80	102.35 6.72 -7.21	94.40 6.09 -4.82	77.90 4.39 -1.49	75.52 3.44 -0.52	75.54 3.28 -0.90
HUDSON___115KV_TB 4 355613	67.40 3.33 0.00	65.31 3.35 0.00	65.07 3.33 0.00	61.40 3.20 0.00	63.97 3.28 0.00	66.57 3.35 0.00	75.56 3.27 -1.23	83.70 3.08 -9.07	81.77 3.23 -6.75	74.55 3.21 0.00	72.22 2.64 0.00	64.00 2.34 0.00	61.13 2.12 0.00	63.79 2.34 0.00	69.53 2.61 0.00	72.41 2.92 0.00	79.55 3.33 -2.11	118.03 4.16 -25.45	126.29 4.37 -30.85	120.34 4.16 -27.76	105.88 3.84 -18.55	80.99 3.24 -5.73	76.48 2.93 -1.98	78.54 3.71 -3.48
HUNTER MOUNT___DRP 323613	67.78 3.72 0.00	65.62 3.66 0.00	65.44 3.70 0.00	61.75 3.55 0.00	64.34 3.64 0.00	66.95 3.73 0.00	75.60 3.48 -1.06	82.54 3.15 -7.83	80.92 3.30 -5.83	74.70 3.35 0.00	72.36 2.78 0.00	64.07 2.40 0.00	61.25 2.24 0.00	63.91 2.46 0.00	69.73 2.81 0.00	72.61 3.13 0.00	79.34 3.41 -1.82	115.86 4.42 -23.02	123.30 4.64 -27.58	116.82 4.42 -23.98	103.60 4.09 -16.02	80.42 3.46 -4.95	76.29 3.01 -1.71	78.14 3.78 -3.00
HUNTINGTON_RES_REC 323705	67.98 3.91 0.00	65.55 3.59 0.00	65.00 3.27 0.00	61.34 3.14 0.00	63.79 3.09 0.00	66.69 3.47 0.00	85.65 5.05 -9.54	105.58 6.22 -27.81	102.48 6.75 -23.95	84.78 6.14 -7.30	75.98 5.57 -0.84	66.60 4.93 0.00	63.55 4.54 0.00	66.18 4.73 0.00	72.54 5.62 0.00	90.16 6.04 -14.63	111.58 7.56 -29.91	133.01 9.73 -34.86	138.93 10.20 -37.67	114.63 9.55 -16.66	113.07 8.60 -20.98	102.43 6.26 -24.15	102.59 5.59 -25.44	96.66 5.07 -20.25
HUNTLEY___63 23557	59.14 -4.93 0.00	57.19 -4.77 0.00	57.35 -4.38 0.00	54.01 -4.19 0.00	56.69 -4.01 0.00	59.11 -4.11 0.00	66.37 -4.69 0.00	65.47 -6.08 0.00	65.25 -6.53 0.00	64.14 -7.21 0.00	62.83 -6.75 0.00	55.99 -5.67 0.00	53.22 -5.78 0.00	55.74 -5.71 0.00	60.03 -6.89 0.00	62.75 -6.74 0.00	66.55 -7.56 0.00	83.47 -7.07 -2.13	86.16 -6.83 -1.93	80.46 -7.96 0.00	76.23 -7.26 0.00	67.84 -4.18 0.00	66.41 -5.15 0.00	66.22 -5.14 0.00
HUNTLEY___64 23558	59.14 -4.93 0.00	57.19 -4.77 0.00	57.35 -4.38 0.00	54.01 -4.19 0.00	56.69 -4.01 0.00	59.11 -4.11 0.00	66.37 -4.69 0.00	65.47 -6.08 0.00	65.25 -6.53 0.00	64.14 -7.21 0.00	62.83 -6.75 0.00	55.99 -5.67 0.00	53.22 -5.78 0.00	55.74 -5.71 0.00	60.03 -6.89 0.00	62.75 -6.74 0.00	66.55 -7.56 0.00	83.47 -7.07 -2.13	86.16 -6.83 -1.93	80.46 -7.96 0.00	76.23 -7.26 0.00	67.84 -4.18 0.00	66.41 -5.15 0.00	66.22 -5.14 0.00
HUNTLEY___65 23559	59.14 -4.93 0.00	57.19 -4.77 0.00	57.35 -4.38 0.00	54.01 -4.19 0.00	56.69 -4.01 0.00	59.11 -4.11 0.00	66.37 -4.69 0.00	65.47 -6.08 0.00	65.25 -6.53 0.00	64.14 -7.21 0.00	62.83 -6.75 0.00	55.99 -5.67 0.00	53.22 -5.78 0.00	55.74 -5.71 0.00	60.03 -6.89 0.00	62.75 -6.74 0.00	66.55 -7.56 0.00	83.47 -7.07 -2.13	86.16 -6.83 -1.93	80.46 -7.96 0.00	76.23 -7.26 0.00	67.84 -4.18 0.00	66.41 -5.15 0.00	66.22 -5.14 0.00
HUNTLEY___66 23560	59.14 -4.93 0.00	57.19 -4.77 0.00	57.35 -4.38 0.00	54.01 -4.19 0.00	56.69 -4.01 0.00	59.11 -4.11 0.00	66.37 -4.69 0.00	65.47 -6.08 0.00	65.25 -6.53 0.00	64.14 -7.21 0.00	62.83 -6.75 0.00	55.99 -5.67 0.00	53.22 -5.78 0.00	55.74 -5.71 0.00	60.03 -6.89 0.00	62.75 -6.74 0.00	66.55 -7.56 0.00	83.47 -7.07 -2.13	86.16 -6.83 -1.93	80.46 -7.96 0.00	76.23 -7.26 0.00	67.84 -4.18 0.00	66.41 -5.15 0.00	66.22 -5.14 0.00

HUNTLEY___67 23561	58.94 -5.13 0.00	56.94 -5.02 0.00	57.16 -4.57 0.00	53.84 -4.37 0.00	56.51 -4.19 0.00	58.92 -4.30 0.00	65.94 -5.12 0.00	64.97 -6.58 0.00	64.75 -7.04 0.00	63.71 -7.63 0.00	62.41 -7.17 0.00	55.62 -6.04 0.00	52.81 -6.20 0.00	55.37 -6.08 0.00	59.63 -7.29 0.00	62.40 -7.09 0.00	66.40 -7.71 0.00	83.33 -7.25 -2.16	86.01 -7.01 -1.95	80.64 -7.78 0.00	76.39 -7.10 0.00	67.99 -4.03 0.00	66.27 -5.30 0.00	66.14 -5.21 0.00
HUNTLEY___68 23562	58.94 -5.13 0.00	56.94 -5.02 0.00	57.16 -4.57 0.00	53.84 -4.37 0.00	56.51 -4.19 0.00	58.92 -4.30 0.00	65.94 -5.12 0.00	64.97 -6.58 0.00	64.75 -7.04 0.00	63.71 -7.63 0.00	62.41 -7.17 0.00	55.62 -6.04 0.00	52.81 -6.20 0.00	55.37 -6.08 0.00	59.63 -7.29 0.00	62.40 -7.09 0.00	66.40 -7.71 0.00	83.33 -7.25 -2.16	86.01 -7.01 -1.95	80.64 -7.78 0.00	76.39 -7.10 0.00	67.99 -4.03 0.00	66.27 -5.30 0.00	66.14 -5.21 0.00
HYLAND___LFG 323620	61.44 -2.63 0.00	59.11 -2.85 0.00	59.32 -2.41 0.00	55.81 -2.39 0.00	58.63 -2.06 0.00	61.19 -2.03 0.00	69.49 -1.56 0.00	69.55 -2.00 0.00	69.13 -2.65 0.00	67.63 -3.71 0.00	65.61 -3.96 0.00	57.71 -3.95 0.00	54.93 -4.07 0.00	57.52 -3.93 0.00	62.04 -4.88 0.00	65.87 -3.62 0.00	71.37 -2.74 0.00	89.98 -0.80 -2.36	93.38 0.18 -2.14	87.89 -0.53 0.00	82.24 -1.25 0.00	71.30 -0.72 0.00	70.56 -1.00 0.00	70.42 -0.93 0.00
INDECK___CORINTH 23802	68.55 4.48 0.00	66.43 4.46 0.00	66.18 4.45 0.00	62.40 4.19 0.00	65.07 4.37 0.00	67.77 4.55 0.00	80.15 5.61 -3.48	103.05 5.87 -25.63	96.82 5.96 -19.08	76.98 5.63 0.00	74.94 5.36 0.00	65.91 4.25 0.00	62.90 3.89 0.00	65.57 4.12 0.00	71.54 4.61 0.00	74.91 5.42 0.00	86.59 6.52 -5.97	152.63 8.22 -55.99	172.29 8.47 -72.75	175.00 8.13 -78.46	143.50 7.60 -52.42	94.61 6.41 -16.18	83.25 6.08 -5.61	86.89 5.71 -9.82
INDECK___ILION 23567	66.63 2.56 0.00	64.25 2.29 0.00	63.83 2.10 0.00	60.01 1.80 0.00	62.52 1.82 0.00	65.37 2.15 0.00	73.83 2.77 0.00	74.42 2.86 0.00	74.66 2.87 0.00	73.70 2.35 0.00	71.60 2.02 0.00	63.14 1.48 0.00	60.07 1.06 0.00	62.56 1.11 0.00	68.19 1.27 0.00	71.02 1.53 0.00	76.48 2.37 0.00	91.87 3.45 0.00	95.16 4.10 0.00	92.58 4.16 0.00	87.50 4.01 0.00	75.84 3.82 0.00	75.36 3.79 0.00	75.28 3.92 0.00
INDECK___OLEAN 23982	60.29 -3.78 0.00	58.18 -3.78 0.00	58.28 -3.46 0.00	54.89 -3.32 0.00	57.48 -3.22 0.00	59.87 -3.35 0.00	67.52 -3.62 -0.08	66.71 -5.44 -0.60	66.99 -5.24 -0.44	64.56 -6.78 0.00	63.11 -6.47 0.00	56.23 -5.43 0.00	53.58 -5.43 0.00	56.17 -5.29 0.00	60.30 -6.63 0.00	63.37 -6.12 0.00	68.17 -6.08 -0.14	85.77 -5.30 -2.65	88.97 -5.01 -2.92	85.04 -5.22 -1.83	79.37 -5.35 -1.22	68.30 -4.10 -0.38	67.47 -4.22 -0.13	68.65 -2.93 -0.23
INDECK___OSWEGO 23783	61.38 -2.69 0.00	59.36 -2.60 0.00	59.14 -2.59 0.00	55.76 -2.44 0.00	58.27 -2.43 0.00	60.18 -3.03 0.00	67.79 -3.27 0.00	68.41 -3.15 0.00	68.56 -3.23 0.00	67.99 -3.35 0.00	66.24 -3.34 0.00	58.76 -2.90 0.00	56.11 -2.89 0.00	58.56 -2.89 0.00	63.58 -3.34 0.00	66.22 -3.26 0.00	70.92 -3.18 0.00	85.32 -3.10 0.00	88.06 -3.00 0.00	85.32 -3.10 0.00	80.40 -3.09 0.00	69.28 -2.74 0.00	68.56 -3.00 0.00	68.36 -2.99 0.00
INDECK___YERKES 23781	59.39 -4.67 0.00	57.25 -4.71 0.00	57.41 -4.32 0.00	54.07 -4.13 0.00	56.75 -3.94 0.00	59.17 -4.05 0.00	66.44 -4.62 0.00	65.55 -6.01 0.00	65.25 -6.53 0.00	64.21 -7.13 0.00	62.90 -6.68 0.00	55.93 -5.73 0.00	53.28 -5.72 0.00	55.92 -5.53 0.00	59.76 -7.16 0.00	62.88 -6.60 0.00	66.55 -7.56 0.00	83.39 -7.16 -2.13	86.16 -6.83 -1.93	80.99 -7.43 0.00	76.06 -7.43 0.00	66.40 -5.62 0.00	66.41 -5.15 0.00	66.86 -4.49 0.00
INDIAN POINT_GT_1 24139	65.93 1.86 0.00	63.63 1.67 0.00	63.28 1.54 0.00	59.60 1.40 0.00	62.03 1.34 0.00	64.80 1.58 0.00	73.86 2.49 -0.32	77.39 3.51 -2.33	77.54 4.02 -1.73	74.91 3.57 0.00	72.71 3.13 0.00	64.56 2.90 0.00	61.78 2.77 0.00	64.28 2.83 0.00	70.13 3.21 0.00	73.10 3.61 0.00	79.32 4.67 -0.54	106.38 6.19 -11.77	110.20 6.47 -12.67	101.65 6.10 -7.13	93.76 5.51 -4.76	77.60 4.11 -1.47	75.30 3.22 -0.51	75.31 3.07 -0.89
INDIAN POINT_GT_2 23659	65.93 1.86 0.00	63.63 1.67 0.00	63.28 1.54 0.00	59.60 1.40 0.00	62.03 1.34 0.00	64.80 1.58 0.00	73.86 2.49 -0.32	77.39 3.51 -2.33	77.54 4.02 -1.73	74.91 3.57 0.00	72.71 3.13 0.00	64.56 2.90 0.00	61.78 2.77 0.00	64.28 2.83 0.00	70.13 3.21 0.00	73.10 3.61 0.00	79.32 4.67 -0.54	106.38 6.19 -11.77	110.20 6.47 -12.67	101.65 6.10 -7.13	93.76 5.51 -4.76	77.60 4.11 -1.47	75.30 3.22 -0.51	75.31 3.07 -0.89
INDIAN POINT_GT_3 24019	65.93 1.86 0.00	63.63 1.67 0.00	63.28 1.54 0.00	59.60 1.40 0.00	62.03 1.34 0.00	64.80 1.58 0.00	73.86 2.49 -0.32	77.39 3.51 -2.33	77.54 4.02 -1.73	74.91 3.57 0.00	72.71 3.13 0.00	64.56 2.90 0.00	61.78 2.77 0.00	64.28 2.83 0.00	70.13 3.21 0.00	73.10 3.61 0.00	79.32 4.67 -0.54	106.38 6.19 -11.77	110.20 6.47 -12.67	101.65 6.10 -7.13	93.76 5.51 -4.76	77.60 4.11 -1.47	75.30 3.22 -0.51	75.31 3.07 -0.89
INDIAN POINT___2 23530	65.73 1.66 0.00	63.45 1.48 0.00	63.09 1.36 0.00	59.43 1.22 0.00	61.91 1.21 0.00	64.67 1.46 0.00	73.71 2.34 -0.31	77.21 3.36 -2.29	77.37 3.87 -1.71	74.77 3.42 0.00	72.57 2.99 0.00	64.44 2.78 0.00	61.66 2.66 0.00	64.15 2.70 0.00	70.07 3.15 0.00	72.96 3.47 0.00	79.16 4.52 -0.53	105.95 5.92 -11.61	109.75 6.20 -12.48	101.36 5.92 -7.01	93.52 5.35 -4.69	77.00 3.53 -1.45	75.07 3.01 -0.50	74.80 2.56 -0.88
INDIAN POINT___3 23531	65.80 1.73 0.00	63.57 1.61 0.00	63.21 1.48 0.00	59.48 1.28 0.00	61.97 1.27 0.00	64.73 1.52 0.00	73.79 2.42 -0.32	77.25 3.36 -2.33	77.40 3.88 -1.74	74.77 3.42 0.00	72.64 3.06 0.00	64.50 2.84 0.00	61.66 2.66 0.00	64.22 2.77 0.00	70.07 3.15 0.00	72.96 3.47 0.00	79.17 4.52 -0.54	106.22 6.01 -11.78	110.03 6.28 -12.68	101.48 5.92 -7.14	93.60 5.34 -4.77	77.45 3.96 -1.47	75.15 3.08 -0.51	75.17 2.93 -0.89
INGHAM_C_115KV_TB7 356103	66.31 2.24 0.00	63.94 1.98 0.00	63.46 1.73 0.00	59.72 1.51 0.00	62.21 1.52 0.00	64.99 1.77 0.00	73.40 2.34 0.00	73.92 2.36 0.00	74.16 2.37 0.00	73.20 1.85 0.00	71.11 1.53 0.00	62.77 1.11 0.00	59.71 0.71 0.00	62.19 0.74 0.00	67.79 0.87 0.00	70.53 1.04 0.00	75.88 1.78 0.00	91.16 2.74 0.00	94.34 3.28 0.00	91.78 3.36 0.00	86.75 3.26 0.00	75.26 3.24 0.00	74.86 3.29 0.00	74.78 3.42 0.00
IP CORINTH___1 23988	68.55 4.48 0.00	66.36 4.40 0.00	66.18 4.44 0.00	62.39 4.19 0.00	65.07 4.37 0.00	67.77 4.55 0.00	80.15 5.61 -3.48	103.05 5.87 -25.63	96.83 5.96 -19.08	76.98 5.64 0.00	74.94 5.36 0.00	65.85 4.19 0.00	62.90 3.89 0.00	65.57 4.12 0.00	71.54 4.62 0.00	74.91 5.42 0.00	86.52 6.45 -5.97	152.63 8.22 -55.99	172.29 8.47 -72.75	174.92 8.05 -78.46	143.50 7.60 -52.42	94.76 6.55 -16.18	83.40 6.23 -5.61	87.03 5.85 -9.82

IP__TICONDEROGA 23804	70.67 6.60 0.00	68.41 6.44 0.00	68.28 6.54 0.00	64.37 6.17 0.00	67.13 6.43 0.00	69.92 6.70 0.00	82.75 8.24 -3.45	105.39 8.44 -25.39	99.16 8.47 -18.90	79.33 7.99 0.00	77.23 7.65 0.00	67.64 5.98 0.00	64.43 5.43 0.00	67.23 5.78 0.00	73.48 6.56 0.00	77.34 7.85 0.00	89.43 9.41 -5.91	155.73 11.76 -55.55	175.33 12.11 -72.15	177.65 11.49 -77.73	146.44 11.02 -51.93	97.42 9.36 -16.03	86.14 9.02 -5.56	89.51 8.42 -9.73
ISLIP_RES_REC 323679	68.62 4.55 0.00	66.23 4.27 0.00	65.62 3.89 0.00	61.98 3.78 0.00	64.40 3.70 0.00	67.39 4.17 0.00	86.50 5.89 -9.54	106.52 7.15 -27.81	103.42 7.68 -23.95	85.56 6.92 -7.30	76.75 6.33 -0.84	67.21 5.55 0.00	64.08 5.08 0.00	66.74 5.29 0.00	73.21 6.29 0.00	90.79 6.67 -14.63	112.31 8.30 -29.91	133.98 10.69 -34.86	139.57 10.92 -37.58	115.33 10.25 -16.66	113.58 9.10 -20.98	102.94 6.77 -24.15	103.08 6.08 -25.44	97.23 5.64 -20.25
JAMAICA__27_KV_LOAD 355505	66.05 1.99 0.00	63.63 1.67 0.00	63.21 1.48 0.00	59.42 1.22 0.00	61.91 1.21 0.00	64.86 1.64 0.00	74.29 2.91 -0.32	78.13 4.22 -2.35	78.35 4.81 -1.75	75.69 4.35 0.00	73.40 3.83 0.00	65.18 3.51 0.00	62.37 3.36 0.00	64.89 3.44 0.00	70.87 3.95 0.00	73.86 4.38 0.00	80.29 5.63 -0.55	107.83 7.52 -11.90	111.61 7.74 -12.80	103.06 7.43 -7.21	94.98 6.68 -4.82	78.40 4.90 -1.49	75.87 3.79 -0.52	75.75 3.50 -0.90
JANIS__SOLAR 323808	65.60 1.54 0.00	63.32 1.36 0.00	63.15 1.42 0.00	59.48 1.28 0.00	62.21 1.52 0.00	65.05 1.83 0.00	73.86 2.63 -0.17	75.80 3.00 -1.24	75.51 2.80 -0.92	73.56 2.21 0.00	71.32 1.74 0.00	62.77 1.11 0.00	59.89 0.89 0.00	62.62 1.16 0.00	68.13 1.21 0.00	71.43 1.94 0.00	77.65 3.26 -0.29	98.56 5.48 -4.65	102.63 6.28 -5.28	98.14 5.92 -3.80	91.03 5.01 -2.54	76.91 4.10 -0.78	75.41 3.58 -0.27	75.46 3.64 -0.48
JARVIS____ 23743	64.39 0.32 0.00	62.27 0.31 0.00	62.04 0.31 0.00	58.50 0.29 0.00	61.00 0.31 0.00	63.54 0.32 0.00	71.56 0.50 0.00	72.20 0.64 0.00	72.58 0.79 0.00	71.98 0.64 0.00	70.13 0.55 0.00	62.15 0.49 0.00	59.42 0.42 0.00	61.94 0.49 0.00	67.46 0.53 0.00	70.11 0.62 0.00	75.00 0.89 0.00	89.66 1.24 0.00	92.34 1.27 0.00	89.66 1.24 0.00	84.57 1.08 0.00	72.74 0.72 0.00	72.21 0.64 0.00	71.92 0.57 0.00
JENNISON__1 23625	65.99 1.92 0.00	63.88 1.92 0.00	63.65 1.91 0.00	59.95 1.75 0.00	62.58 1.88 0.00	65.43 2.21 0.00	74.31 2.98 -0.27	77.19 3.65 -1.99	77.07 3.80 -1.48	74.62 3.28 0.00	72.57 2.99 0.00	63.88 2.22 0.00	60.95 1.95 0.00	63.66 2.21 0.00	69.33 2.41 0.00	72.34 2.85 0.00	78.72 4.15 -0.46	101.64 6.37 -6.86	106.09 7.10 -7.92	101.14 6.63 -6.09	92.90 5.34 -4.07	78.03 4.75 -1.26	75.94 3.94 -0.44	76.04 3.92 -0.76
JENNISON__2 23626	65.99 1.92 0.00	63.88 1.92 0.00	63.65 1.91 0.00	59.95 1.75 0.00	62.58 1.88 0.00	65.43 2.21 0.00	74.31 2.98 -0.27	77.19 3.65 -1.99	77.07 3.80 -1.48	74.62 3.28 0.00	72.57 2.99 0.00	63.88 2.22 0.00	60.95 1.95 0.00	63.66 2.21 0.00	69.33 2.41 0.00	72.34 2.85 0.00	78.72 4.15 -0.46	101.64 6.37 -6.86	106.09 7.10 -7.92	101.14 6.63 -6.09	92.90 5.34 -4.07	78.03 4.75 -1.26	75.94 3.94 -0.44	76.04 3.92 -0.76
JERICHO_RISE_WT_PWR 323719	65.54 1.47 0.00	63.14 1.17 0.00	62.90 1.17 0.00	59.19 0.99 0.00	61.48 0.79 0.00	63.98 0.76 0.00	70.85 -0.21 0.00	70.55 -1.00 0.00	70.14 -1.65 0.00	70.06 -1.28 0.00	68.33 -1.25 0.00	60.30 -1.36 0.00	58.00 -1.00 0.00	60.22 -1.23 0.00	65.58 -1.34 0.00	67.96 -1.53 0.00	71.66 -2.44 0.00	84.44 -3.98 0.00	86.70 -4.37 0.00	84.71 -3.71 0.00	80.65 -2.84 0.00	70.44 -1.58 0.00	70.71 -0.86 0.00	71.35 0.00 0.00
KATONAH__115KV_46KV_TB4 355592	66.76 2.69 0.00	64.50 2.54 0.00	64.14 2.41 0.00	60.30 2.10 0.00	62.82 2.12 0.00	65.68 2.47 0.00	74.79 3.41 -0.33	78.32 4.36 -2.40	78.60 5.03 -1.79	75.69 4.35 0.00	73.47 3.90 0.00	65.24 3.58 0.00	62.43 3.42 0.00	64.95 3.50 0.00	70.94 4.02 0.00	74.00 4.52 0.00	80.37 5.71 -0.56	108.01 7.52 -12.07	112.08 8.01 -13.00	103.37 7.60 -7.34	95.24 6.85 -4.91	78.72 5.19 -1.51	76.46 4.37 -0.53	76.41 4.14 -0.92
KCE_NY_1 323755	67.78 3.71 0.00	65.62 3.65 0.00	65.37 3.64 0.00	61.64 3.43 0.00	64.28 3.58 0.00	66.88 3.67 0.00	79.01 4.55 -3.40	101.41 4.79 -25.06	95.39 4.95 -18.66	75.98 4.63 0.00	73.89 4.32 0.00	65.30 3.64 0.00	62.37 3.36 0.00	65.01 3.56 0.00	70.87 3.95 0.00	74.07 4.59 0.00	85.42 5.48 -5.83	150.34 6.98 -54.94	169.57 7.19 -71.31	172.03 6.90 -76.71	141.17 6.43 -51.25	93.10 5.25 -15.82	82.06 5.01 -5.48	85.67 4.71 -9.61
KCE_NY_6_ESR 323823	59.97 -4.10 0.00	57.81 -4.15 0.00	57.96 -3.77 0.00	54.59 -3.61 0.00	57.24 -3.46 0.00	59.68 -3.54 0.00	66.93 -4.12 0.00	65.97 -5.58 0.00	65.61 -6.17 0.00	64.49 -6.85 0.00	63.11 -6.47 0.00	56.17 -5.49 0.00	53.46 -5.55 0.00	56.10 -5.35 0.00	60.03 -6.89 0.00	63.23 -6.25 0.00	67.36 -6.74 0.00	84.74 -5.92 -2.24	87.54 -5.56 -2.03	82.67 -5.75 0.00	77.64 -5.85 0.00	67.63 -4.40 0.00	67.27 -4.29 0.00	67.79 -3.57 0.00
KEDC_PORT_JEFF_GT2 24210	68.36 4.29 0.00	65.93 3.97 0.00	65.37 3.64 0.00	61.69 3.49 0.00	64.09 3.40 0.00	67.07 3.86 0.00	86.15 5.55 -9.54	106.09 6.72 -27.81	103.06 7.33 -23.95	85.28 6.64 -7.30	76.47 6.05 -0.84	66.96 5.30 0.00	63.90 4.89 0.00	66.49 5.04 0.00	72.95 6.03 0.00	90.51 6.39 -14.63	112.02 8.01 -29.91	133.62 10.34 -34.86	139.22 10.56 -37.60	114.98 9.90 -16.66	113.24 8.76 -20.98	102.65 6.48 -24.15	102.80 5.79 -25.44	96.95 5.35 -20.25
KEDC_PORT_JEFF_GT3 24211	68.36 4.29 0.00	65.93 3.97 0.00	65.37 3.64 0.00	61.69 3.49 0.00	64.09 3.40 0.00	67.07 3.86 0.00	86.15 5.55 -9.54	106.09 6.72 -27.81	103.06 7.33 -23.95	85.28 6.64 -7.30	76.47 6.05 -0.84	66.96 5.30 0.00	63.90 4.89 0.00	66.49 5.04 0.00	72.95 6.03 0.00	90.51 6.39 -14.63	112.02 8.01 -29.91	133.62 10.34 -34.86	139.22 10.56 -37.60	114.98 9.90 -16.66	113.24 8.76 -20.98	102.65 6.48 -24.15	102.80 5.79 -25.44	96.95 5.35 -20.25
KEDC_GLWD_GT4 24219	66.88 2.82 0.00	64.62 2.66 0.00	64.14 2.41 0.00	60.76 2.56 0.00	63.13 2.43 0.00	65.75 2.53 0.00	84.44 3.83 -9.54	104.30 4.93 -27.81	101.26 5.53 -23.95	83.71 5.07 -7.30	75.01 4.59 -0.84	65.79 4.13 0.00	62.84 3.83 0.00	65.39 3.94 0.00	71.54 4.61 0.00	89.19 5.07 -14.63	110.31 6.30 -29.91	131.51 8.22 -34.86	137.25 8.66 -37.53	113.30 8.22 -16.66	111.90 7.43 -20.98	101.42 5.25 -24.15	101.65 4.65 -25.44	95.73 4.14 -20.25
KEDC_GLWD_GT5 24220	66.88 2.82 0.00	64.62 2.66 0.00	64.14 2.41 0.00	60.76 2.56 0.00	63.13 2.43 0.00	65.75 2.53 0.00	84.44 3.83 -9.54	104.30 4.93 -27.81	101.26 5.53 -23.95	83.71 5.07 -7.30	75.01 4.59 -0.84	65.79 4.13 0.00	62.84 3.83 0.00	65.39 3.94 0.00	71.54 4.61 0.00	89.19 5.07 -14.63	110.31 6.30 -29.91	131.51 8.22 -34.86	137.25 8.66 -37.53	113.30 8.22 -16.66	111.90 7.43 -20.98	101.42 5.25 -24.15	101.65 4.65 -25.44	95.73 4.14 -20.25

KENSICO____ 23655	66.05 1.99 0.00	63.76 1.80 0.00	63.46 1.73 0.00	59.72 1.51 0.00	62.15 1.46 0.00	64.92 1.71 0.00	74.08 2.70 -0.32	77.70 3.79 -2.35	77.84 4.31 -1.75	75.19 3.85 0.00	72.99 3.41 0.00	64.81 3.14 0.00	62.01 3.01 0.00	64.52 3.07 0.00	70.40 3.48 0.00	73.38 3.89 0.00	79.62 4.97 -0.55	106.84 6.54 -11.87	110.67 6.83 -12.78	102.07 6.45 -7.19	94.14 5.84 -4.81	77.83 4.32 -1.48	75.52 3.44 -0.51	75.54 3.28 -0.90
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	66.50 2.43 0.00	64.19 2.23 0.00	63.89 2.16 0.00	60.18 1.98 0.00	62.64 1.94 0.00	65.49 2.28 0.00	74.77 3.34 -0.37	78.30 4.01 -2.73	78.35 4.52 -2.04	74.98 3.64 0.00	72.71 3.13 0.00	64.56 2.90 0.00	61.78 2.77 0.00	64.40 2.95 0.00	70.40 3.48 0.00	73.38 3.89 0.00	80.00 5.26 -0.64	108.00 7.25 -12.33	112.14 7.56 -13.52	104.04 7.25 -8.37	95.59 6.51 -5.59	78.64 4.90 -1.73	76.03 3.86 -0.60	76.25 3.85 -1.05
KIAC_JFK_GT1 23816	65.41 1.35 0.00	63.02 1.05 0.00	62.66 0.93 0.00	58.90 0.70 0.00	61.30 0.61 0.00	64.23 1.01 0.00	73.58 2.20 -0.32	77.42 3.51 -2.35	77.63 4.09 -1.75	74.98 3.64 0.00	72.71 3.13 0.00	64.62 2.96 0.00	61.84 2.83 0.00	64.34 2.89 0.00	70.20 3.28 0.00	73.17 3.68 0.00	79.55 4.89 -0.55	106.86 6.54 -11.90	110.70 6.83 -12.80	102.08 6.45 -7.21	94.07 5.76 -4.82	77.61 4.11 -1.49	75.09 3.01 -0.52	75.04 2.78 -0.90
KIAC_JFK_GT2 23817	65.41 1.35 0.00	63.02 1.05 0.00	62.66 0.93 0.00	58.90 0.70 0.00	61.30 0.61 0.00	64.23 1.01 0.00	73.58 2.20 -0.32	77.42 3.51 -2.35	77.63 4.09 -1.75	74.98 3.64 0.00	72.71 3.13 0.00	64.62 2.96 0.00	61.84 2.83 0.00	64.34 2.89 0.00	70.20 3.28 0.00	73.17 3.68 0.00	79.55 4.89 -0.55	106.86 6.54 -11.90	110.70 6.83 -12.80	102.08 6.45 -7.21	94.07 5.76 -4.82	77.61 4.11 -1.49	75.09 3.01 -0.52	75.04 2.78 -0.90
KIAC_JFK____ 323774	65.35 1.28 0.00	63.01 1.05 0.00	62.60 0.86 0.00	58.90 0.70 0.00	61.30 0.61 0.00	64.23 1.01 0.00	73.58 2.21 -0.32	77.42 3.51 -2.35	77.63 4.09 -1.75	74.98 3.64 0.00	72.71 3.13 0.00	64.62 2.96 0.00	61.84 2.83 0.00	64.28 2.83 0.00	70.33 3.41 0.00	73.24 3.75 0.00	79.62 4.97 -0.55	106.86 6.54 -11.90	110.70 6.83 -12.80	102.17 6.54 -7.21	94.15 5.84 -4.82	77.25 3.74 -1.49	75.02 2.94 -0.52	74.54 2.28 -0.90
KINTIGH____ 23543	58.94 -5.13 0.00	56.94 -5.02 0.00	57.16 -4.57 0.00	53.84 -4.37 0.00	56.45 -4.25 0.00	58.92 -4.30 0.00	66.01 -5.05 0.00	65.47 -6.08 0.00	65.40 -6.39 0.00	64.49 -6.85 0.00	63.11 -6.47 0.00	56.11 -5.55 0.00	53.40 -5.61 0.00	55.92 -5.53 0.00	60.30 -6.63 0.00	63.02 -6.46 0.00	67.07 -7.04 0.00	83.58 -6.72 -1.88	86.21 -6.56 -1.70	81.08 -7.34 0.00	76.81 -6.68 0.00	67.99 -4.03 0.00	66.41 -5.15 0.00	66.07 -5.28 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	66.89 2.82 0.00	64.38 2.42 0.00	64.14 2.41 0.00	60.36 2.15 0.00	62.64 1.94 0.00	65.24 2.02 0.00	72.05 0.99 0.00	71.70 0.14 0.00	71.21 -0.57 0.00	70.91 -0.43 0.00	69.09 -0.49 0.00	60.92 -0.74 0.00	58.59 -0.41 0.00	60.84 -0.61 0.00	66.32 -0.60 0.00	68.86 -0.63 0.00	72.77 -1.33 0.00	85.77 -2.65 0.00	88.15 -2.91 0.00	86.30 -2.12 0.00	82.07 -1.42 0.00	71.01 -1.01 0.00	71.85 0.29 0.00	72.78 1.43 0.00
LACHUTE__HYDRO 323717	70.67 6.60 0.00	68.47 6.50 0.00	68.27 6.54 0.00	64.37 6.17 0.00	67.13 6.43 0.00	69.92 6.70 0.00	82.75 8.24 -3.45	105.38 8.44 -25.39	99.16 8.47 -18.90	79.33 7.99 0.00	77.23 7.65 0.00	67.64 5.98 0.00	64.43 5.42 0.00	67.23 5.77 0.00	73.41 6.49 0.00	77.41 7.92 0.00	89.50 9.49 -5.91	155.73 11.76 -55.55	175.33 12.11 -72.15	177.73 11.58 -77.73	146.36 10.93 -51.93	97.20 9.15 -16.03	86.00 8.87 -5.56	89.36 8.27 -9.73
LAWRNCV_115KV_TB1 80681	65.99 1.92 0.00	63.63 1.67 0.00	63.40 1.67 0.00	60.01 1.80 0.00	62.03 1.34 0.00	64.29 1.07 0.00	71.63 0.57 0.00	71.41 -0.14 0.00	71.21 -0.57 0.00	71.56 0.21 0.00	69.93 0.35 0.00	61.66 0.00 0.00	59.65 0.65 0.00	61.57 0.12 0.00	67.12 0.20 0.00	69.21 -0.28 0.00	72.85 -1.26 0.00	85.77 -2.65 0.00	87.61 -3.46 0.00	86.21 -2.21 0.00	81.74 -1.75 0.00	70.80 -1.22 0.00	72.00 0.43 0.00	72.28 0.93 0.00
LEDERLE____ 23769	65.86 1.79 0.00	63.63 1.67 0.00	63.28 1.54 0.00	59.54 1.34 0.00	62.03 1.34 0.00	64.80 1.58 0.00	73.92 2.56 -0.31	77.32 3.51 -2.25	77.48 4.02 -1.68	74.84 3.50 0.00	72.64 3.06 0.00	64.50 2.84 0.00	61.72 2.71 0.00	64.28 2.83 0.00	70.13 3.21 0.00	73.03 3.54 0.00	79.30 4.67 -0.52	106.04 6.19 -11.43	109.82 6.47 -12.29	101.51 6.19 -6.90	93.61 5.51 -4.61	77.55 4.11 -1.42	75.28 3.22 -0.49	75.28 3.07 -0.86
LIGHTRSE_115KV_TB6 355974	62.59 -1.47 0.00	60.54 -1.43 0.00	60.31 -1.42 0.00	56.92 -1.28 0.00	59.42 -1.27 0.00	61.76 -1.45 0.00	69.57 -1.49 0.00	70.27 -1.29 0.00	70.35 -1.44 0.00	69.77 -1.57 0.00	68.05 -1.53 0.00	60.18 -1.48 0.00	57.53 -1.48 0.00	60.04 -1.41 0.00	65.18 -1.74 0.00	67.89 -1.60 0.00	72.85 -1.26 0.00	87.71 -0.71 0.00	90.70 -0.36 0.00	87.80 -0.62 0.00	82.82 -0.67 0.00	71.66 -0.36 0.00	70.78 -0.79 0.00	70.35 -1.00 0.00
LINDEN COGEN____ 23786	55.38 1.47 10.16	55.38 1.24 7.82	55.38 1.11 7.46	55.44 0.99 3.75	55.38 0.85 6.17	55.44 1.20 8.98	55.44 2.27 17.89	56.26 3.51 18.80	54.63 4.09 21.25	54.63 3.64 20.35	54.09 3.13 18.62	53.82 2.96 10.80	51.82 2.83 10.02	53.78 2.89 10.56	54.63 3.34 15.63	53.32 3.68 19.85	42.42 4.81 36.50	48.00 6.37 46.79	47.87 6.56 49.76	42.38 6.28 52.32	38.52 5.59 50.56	45.33 3.53 30.22	50.96 2.87 23.47	54.94 2.35 18.76
LINDHRST_69_KV_BK1 356055	68.04 3.97 0.00	65.62 3.66 0.00	65.13 3.40 0.00	61.35 3.14 0.00	63.79 3.10 0.00	66.69 3.48 0.00	85.65 5.05 -9.54	105.52 6.15 -27.81	102.41 6.68 -23.95	84.78 6.14 -7.30	76.05 5.64 -0.84	66.59 4.93 0.00	63.61 4.60 0.00	66.18 4.73 0.00	72.48 5.55 0.00	90.16 6.05 -14.63	111.50 7.48 -29.91	133.01 9.73 -34.86	138.62 10.02 -37.53	114.63 9.55 -16.66	113.16 8.68 -20.98	102.94 6.77 -24.15	102.73 5.73 -25.44	97.09 5.49 -20.25
LIPA_MISC_IPP 23656	68.23 4.16 0.00	65.87 3.90 0.00	65.31 3.58 0.00	61.52 3.32 0.00	63.97 3.28 0.00	66.88 3.67 0.00	85.93 5.33 -9.54	105.87 6.51 -27.81	102.63 6.89 -23.95	84.92 6.28 -7.30	76.05 5.64 -0.84	66.53 4.87 0.00	63.49 4.48 0.00	66.12 4.67 0.00	72.48 5.55 0.00	90.03 5.91 -14.63	111.50 7.48 -29.91	133.01 9.73 -34.86	138.58 9.93 -37.58	114.10 9.02 -16.66	112.41 7.93 -20.98	102.29 6.12 -24.15	102.30 5.30 -25.44	96.81 5.21 -20.25
LISF__SOLAR 323691	68.30 4.23 0.00	65.87 3.91 0.00	65.31 3.58 0.00	61.64 3.43 0.00	64.03 3.34 0.00	67.01 3.79 0.00	86.07 5.47 -9.54	106.02 6.66 -27.81	102.84 7.11 -23.95	84.99 6.35 -7.30	76.12 5.71 -0.84	66.65 4.99 0.00	63.55 4.54 0.00	66.18 4.73 0.00	72.61 5.69 0.00	90.16 6.04 -14.63	111.65 7.63 -29.91	133.27 9.99 -34.86	138.85 10.20 -37.59	114.36 9.28 -16.66	112.57 8.10 -20.98	102.00 5.83 -24.15	102.37 5.37 -25.44	96.59 4.99 -20.25

LITTLE FALLS___HYD 24013	66.31 2.24 0.00	63.94 1.98 0.00	63.46 1.73 0.00	59.72 1.51 0.00	62.21 1.52 0.00	64.99 1.77 0.00	73.40 2.34 0.00	73.92 2.36 0.00	74.16 2.37 0.00	73.20 1.85 0.00	71.11 1.53 0.00	62.77 1.11 0.00	59.71 0.71 0.00	62.19 0.74 0.00	67.79 0.87 0.00	70.53 1.04 0.00	75.88 1.78 0.00	91.16 2.74 0.00	94.34 3.28 0.00	91.78 3.36 0.00	86.75 3.26 0.00	75.26 3.24 0.00	74.86 3.29 0.00	74.78 3.42 0.00
LITTLRIV_115KV_TB1 356100	66.82 2.75 0.00	64.38 2.42 0.00	64.14 2.41 0.00	60.76 2.56 0.00	62.82 2.12 0.00	65.18 1.96 0.00	72.62 1.56 0.00	72.41 0.86 0.00	72.15 0.36 0.00	72.48 1.14 0.00	70.76 1.18 0.00	62.34 0.68 0.00	60.24 1.24 0.00	62.25 0.80 0.00	67.86 0.94 0.00	70.04 0.56 0.00	73.81 -0.30 0.00	87.01 -1.41 0.00	88.88 -2.19 0.00	87.45 -0.97 0.00	82.90 -0.58 0.00	71.80 -0.22 0.00	73.00 1.43 0.00	73.28 1.93 0.00
LI_NEWBRDGE___DRP 323616	66.89 2.82 0.00	64.56 2.60 0.00	64.08 2.35 0.00	60.36 2.15 0.00	62.76 2.06 0.00	65.56 2.34 0.00	84.30 3.69 -9.54	104.08 4.72 -27.81	100.97 5.24 -23.95	83.42 4.78 -7.30	74.73 4.31 -0.84	65.55 3.88 0.00	62.60 3.60 0.00	65.20 3.75 0.00	71.27 4.35 0.00	88.91 4.79 -14.63	109.94 5.93 -29.91	130.97 7.69 -34.86	136.61 8.01 -37.53	112.68 7.60 -16.66	111.40 6.93 -20.98	101.43 5.26 -24.15	101.37 4.37 -25.44	95.81 4.21 -20.25
LOCKPORT_115KV_TB60_63_64 80432	58.37 -5.70 0.00	56.45 -5.51 0.00	56.67 -5.06 0.00	53.37 -4.83 0.00	56.02 -4.67 0.00	58.41 -4.80 0.00	65.44 -5.61 0.00	64.54 -7.01 0.00	64.32 -7.47 0.00	63.28 -8.06 0.00	61.99 -7.58 0.00	55.25 -6.41 0.00	52.45 -6.55 0.00	55.00 -6.45 0.00	59.23 -7.70 0.00	61.98 -7.50 0.00	65.88 -8.23 0.00	82.41 -8.05 -2.04	85.17 -7.74 -1.85	79.84 -8.58 0.00	75.64 -7.85 0.00	67.34 -4.68 0.00	65.70 -5.87 0.00	65.50 -5.85 0.00
LOCKPORT___CC1 323769	58.43 -5.64 0.00	56.32 -5.64 0.00	56.55 -5.19 0.00	53.26 -4.95 0.00	55.84 -4.86 0.00	58.22 -5.00 0.00	65.23 -5.83 0.00	64.33 -7.22 0.00	64.11 -7.68 0.00	63.07 -8.27 0.00	61.85 -7.73 0.00	54.94 -6.72 0.00	52.28 -6.73 0.00	54.94 -6.52 0.00	58.69 -8.23 0.00	61.77 -7.72 0.00	65.66 -8.45 0.00	82.25 -8.22 -2.05	84.91 -8.01 -1.86	80.29 -8.13 0.00	75.31 -8.18 0.00	65.75 -6.27 0.00	65.48 -6.08 0.00	65.86 -5.49 0.00
LOCKPORT___CC2 323770	58.43 -5.64 0.00	56.32 -5.64 0.00	56.55 -5.19 0.00	53.26 -4.95 0.00	55.84 -4.86 0.00	58.22 -5.00 0.00	65.23 -5.83 0.00	64.33 -7.22 0.00	64.11 -7.68 0.00	63.07 -8.27 0.00	61.85 -7.73 0.00	54.94 -6.72 0.00	52.28 -6.73 0.00	54.94 -6.52 0.00	58.69 -8.23 0.00	61.77 -7.72 0.00	65.66 -8.45 0.00	82.25 -8.22 -2.05	84.91 -8.01 -1.86	80.29 -8.13 0.00	75.31 -8.18 0.00	65.75 -6.27 0.00	65.48 -6.08 0.00	65.86 -5.49 0.00
LOCKPORT___CC3 323771	58.43 -5.64 0.00	56.32 -5.64 0.00	56.55 -5.19 0.00	53.26 -4.95 0.00	55.84 -4.86 0.00	58.22 -5.00 0.00	65.23 -5.83 0.00	64.33 -7.22 0.00	64.11 -7.68 0.00	63.07 -8.27 0.00	61.85 -7.73 0.00	54.94 -6.72 0.00	52.28 -6.73 0.00	54.94 -6.52 0.00	58.69 -8.23 0.00	61.77 -7.72 0.00	65.66 -8.45 0.00	82.25 -8.22 -2.05	84.91 -8.01 -1.86	80.29 -8.13 0.00	75.31 -8.18 0.00	65.75 -6.27 0.00	65.48 -6.08 0.00	65.86 -5.49 0.00
LONG_LAKE_PHOENIX 24014	61.70 -2.37 0.00	59.67 -2.29 0.00	59.51 -2.22 0.00	56.11 -2.10 0.00	58.63 -2.06 0.00	61.00 -2.21 0.00	68.85 -2.20 0.00	69.48 -2.08 0.00	69.63 -2.15 0.00	68.99 -2.35 0.00	67.21 -2.37 0.00	59.56 -2.10 0.00	56.94 -2.07 0.00	59.42 -2.03 0.00	64.58 -2.34 0.00	67.26 -2.22 0.00	72.11 -2.00 0.00	86.74 -1.68 0.00	89.61 -1.46 0.00	86.65 -1.77 0.00	81.74 -1.75 0.00	70.80 -1.22 0.00	69.71 -1.86 0.00	69.35 -2.00 0.00
LOVETT___3 23632	65.54 1.47 0.00	63.32 1.36 0.00	62.97 1.23 0.00	59.25 1.05 0.00	61.73 1.03 0.00	64.48 1.26 0.00	73.50 2.13 -0.31	76.90 3.08 -2.26	77.06 3.59 -1.69	74.48 3.14 0.00	72.29 2.71 0.00	64.19 2.53 0.00	61.42 2.42 0.00	63.97 2.52 0.00	69.80 2.88 0.00	72.68 3.20 0.00	78.86 4.22 -0.53	105.56 5.66 -11.48	109.33 5.92 -12.34	100.92 5.57 -6.93	93.13 5.01 -4.63	77.12 3.67 -1.43	74.85 2.79 -0.50	74.86 2.64 -0.87
LOVETT___4 23642	65.54 1.47 0.00	63.32 1.36 0.00	62.97 1.23 0.00	59.25 1.05 0.00	61.73 1.03 0.00	64.48 1.26 0.00	73.50 2.13 -0.31	76.90 3.08 -2.26	77.06 3.59 -1.69	74.48 3.14 0.00	72.29 2.71 0.00	64.19 2.53 0.00	61.42 2.42 0.00	63.97 2.52 0.00	69.80 2.88 0.00	72.68 3.20 0.00	78.86 4.22 -0.53	105.56 5.66 -11.48	109.33 5.92 -12.34	100.92 5.57 -6.93	93.13 5.01 -4.63	77.12 3.67 -1.43	74.85 2.79 -0.50	74.86 2.64 -0.87
LOVETT___5 23593	65.54 1.47 0.00	63.32 1.36 0.00	62.97 1.23 0.00	59.25 1.05 0.00	61.73 1.03 0.00	64.48 1.26 0.00	73.50 2.13 -0.31	76.90 3.08 -2.26	77.06 3.59 -1.69	74.48 3.14 0.00	72.29 2.71 0.00	64.19 2.53 0.00	61.42 2.42 0.00	63.97 2.52 0.00	69.80 2.88 0.00	72.68 3.20 0.00	78.86 4.22 -0.53	105.56 5.66 -11.48	109.33 5.92 -12.34	100.92 5.57 -6.93	93.13 5.01 -4.63	77.12 3.67 -1.43	74.85 2.79 -0.50	74.86 2.64 -0.87
LOWER RAQUET___HYD 24057	66.06 1.99 0.00	63.69 1.73 0.00	63.46 1.73 0.00	59.95 1.74 0.00	62.03 1.33 0.00	64.23 1.01 0.00	71.56 0.50 0.00	71.41 -0.14 0.00	71.14 -0.65 0.00	71.56 0.21 0.00	69.86 0.28 0.00	61.60 -0.06 0.00	59.59 0.59 0.00	61.51 0.06 0.00	67.06 0.13 0.00	69.07 -0.41 0.00	72.70 -1.41 0.00	85.68 -2.74 0.00	87.51 -3.55 0.00	85.85 -2.57 0.00	81.65 -1.84 0.00	71.44 -0.58 0.00	72.07 0.50 0.00	72.49 1.14 0.00
LOWER___HUDSON 24059	66.82 2.75 0.00	64.62 2.66 0.00	64.39 2.65 0.00	60.70 2.50 0.00	63.30 2.61 0.00	65.87 2.65 0.00	77.27 3.34 -2.87	96.38 3.72 -21.11	91.45 3.95 -15.72	74.98 3.64 0.00	73.06 3.48 0.00	64.68 3.02 0.00	61.84 2.83 0.00	64.40 2.95 0.00	70.20 3.28 0.00	73.17 3.68 0.00	83.39 4.37 -4.91	141.58 5.48 -47.67	158.14 5.74 -61.34	158.53 5.48 -64.63	131.68 5.01 -43.18	89.31 3.96 -13.33	79.91 3.72 -4.62	83.01 3.57 -8.09
LOWVILLE_115KV_TB2 356335	65.29 1.22 0.00	62.95 0.99 0.00	62.72 0.99 0.00	59.37 1.16 0.00	61.85 1.15 0.00	64.55 1.33 0.00	72.69 1.63 0.00	73.20 1.65 0.00	72.94 1.15 0.00	72.34 1.00 0.00	70.41 0.83 0.00	62.09 0.43 0.00	59.54 0.53 0.00	62.00 0.55 0.00	67.53 0.60 0.00	70.25 0.76 0.00	75.59 1.48 0.00	90.81 2.39 0.00	93.80 2.73 0.00	91.25 2.83 0.00	86.16 2.67 0.00	74.25 2.23 0.00	73.78 2.22 0.00	73.49 2.14 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	67.72 3.65 0.00	65.56 3.59 0.00	65.31 3.58 0.00	61.58 3.38 0.00	64.22 3.52 0.00	66.82 3.60 0.00	78.94 4.48 -3.40	101.34 4.72 -25.06	95.32 4.88 -18.66	75.91 4.57 0.00	73.89 4.31 0.00	65.24 3.58 0.00	62.31 3.30 0.00	64.95 3.50 0.00	70.87 3.95 0.00	74.00 4.52 0.00	85.35 5.41 -5.83	150.26 6.90 -54.94	169.48 7.10 -71.31	171.94 6.81 -76.71	141.09 6.35 -51.25	93.25 5.40 -15.82	82.06 5.01 -5.48	85.74 4.78 -9.61

LUTHERNY_35_KV_BK2 355980	67.78 3.72 0.00	65.62 3.66 0.00	65.37 3.64 0.00	61.64 3.43 0.00	64.28 3.58 0.00	66.88 3.67 0.00	79.01 4.55 -3.40	101.41 4.79 -25.06	95.40 4.95 -18.66	75.98 4.64 0.00	73.89 4.31 0.00	65.30 3.64 0.00	62.37 3.36 0.00	65.02 3.56 0.00	70.87 3.95 0.00	74.07 4.59 0.00	85.42 5.48 -5.83	150.26 6.90 -54.94	169.57 7.19 -71.31	171.94 6.81 -76.71	141.17 6.43 -51.25	93.32 5.47 -15.82	82.13 5.08 -5.48	85.81 4.85 -9.61
LWR___OSWEGATCHIE_HYD 23850	65.35 1.28 0.00	63.08 1.12 0.00	62.84 1.11 0.00	59.48 1.28 0.00	61.67 0.97 0.00	64.10 0.89 0.00	71.77 0.71 0.00	71.99 0.43 0.00	71.72 -0.07 0.00	71.63 0.29 0.00	69.86 0.28 0.00	61.60 -0.06 0.00	59.30 0.30 0.00	61.51 0.06 0.00	66.99 0.07 0.00	69.35 -0.14 0.00	73.81 -0.30 0.00	87.89 -0.53 0.00	90.34 -0.73 0.00	88.33 -0.09 0.00	83.57 0.08 0.00	72.24 0.22 0.00	72.57 1.00 0.00	72.64 1.28 0.00
LYONS_FALL_HYD 23570	65.35 1.28 0.00	63.14 1.17 0.00	62.90 1.17 0.00	59.37 1.16 0.00	61.97 1.28 0.00	64.67 1.46 0.00	72.83 1.78 0.00	73.49 1.93 0.00	73.44 1.65 0.00	72.84 1.50 0.00	70.90 1.32 0.00	62.59 0.93 0.00	59.89 0.89 0.00	62.43 0.98 0.00	67.99 1.07 0.00	70.74 1.25 0.00	76.03 1.92 0.00	91.33 2.91 0.00	94.25 3.19 0.00	91.60 3.18 0.00	86.41 2.92 0.00	74.39 2.37 0.00	73.86 2.29 0.00	73.64 2.28 0.00
MADISON___COUNTY_LFGE 323628	65.22 1.15 0.00	63.08 1.12 0.00	62.91 1.17 0.00	59.31 1.11 0.00	61.97 1.27 0.00	64.73 1.52 0.00	73.12 2.06 0.00	73.77 2.22 0.00	74.01 2.23 0.00	73.27 1.93 0.00	71.32 1.74 0.00	63.02 1.36 0.00	60.24 1.24 0.00	62.86 1.41 0.00	68.46 1.54 0.00	71.22 1.74 0.00	76.48 2.37 0.00	91.96 3.54 0.00	94.89 3.82 0.00	91.96 3.54 0.00	86.75 3.26 0.00	74.83 2.81 0.00	73.86 2.29 0.00	73.56 2.21 0.00
MALONE___115KV_TB1 356076	66.95 2.88 0.00	64.56 2.60 0.00	64.33 2.59 0.00	60.59 2.39 0.00	62.88 2.19 0.00	65.37 2.15 0.00	72.62 1.56 0.00	72.27 0.72 0.00	71.86 0.07 0.00	71.84 0.50 0.00	70.00 0.42 0.00	61.66 0.00 0.00	59.42 0.41 0.00	61.64 0.18 0.00	67.12 0.20 0.00	69.63 0.14 0.00	73.51 -0.59 0.00	86.47 -1.95 0.00	88.79 -2.28 0.00	87.01 -1.41 0.00	82.74 -0.75 0.00	71.66 -0.36 0.00	72.64 1.07 0.00	73.14 1.78 0.00
MAPLEWOD_115KV_TB3 80458	66.37 2.31 0.00	64.19 2.23 0.00	63.96 2.22 0.00	60.36 2.15 0.00	62.88 2.19 0.00	65.37 2.15 0.00	76.07 2.70 -2.32	91.61 3.01 -17.05	87.78 3.30 -12.69	74.48 3.14 0.00	72.50 2.92 0.00	64.31 2.65 0.00	61.48 2.48 0.00	64.03 2.58 0.00	69.73 2.81 0.00	72.54 3.06 0.00	81.63 3.56 -3.97	132.98 4.33 -40.22	146.63 4.46 -51.10	144.77 4.16 -52.20	122.20 3.84 -34.87	86.03 3.24 -10.77	78.16 2.86 -3.73	80.89 3.00 -6.54
MAPLE_RIDGE_WT_1 323574	64.26 0.19 0.00	62.09 0.12 0.00	61.79 0.06 0.00	58.32 0.12 0.00	60.82 0.12 0.00	63.41 0.19 0.00	70.99 -0.07 0.00	71.13 -0.43 0.00	71.07 -0.72 0.00	70.63 -0.71 0.00	68.81 -0.76 0.00	60.86 -0.80 0.00	58.30 -0.71 0.00	60.65 -0.80 0.00	66.19 -0.73 0.00	68.79 -0.69 0.00	73.22 -0.89 0.00	87.10 -1.32 0.00	89.61 -1.46 0.00	87.18 -1.24 0.00	82.49 -1.00 0.00	71.44 -0.58 0.00	71.21 -0.36 0.00	71.14 -0.21 0.00
MAPLE_RIDGE_WT_2 323611	64.26 0.19 0.00	62.09 0.12 0.00	61.79 0.06 0.00	58.32 0.12 0.00	60.82 0.12 0.00	63.41 0.19 0.00	70.99 -0.07 0.00	71.13 -0.43 0.00	71.07 -0.72 0.00	70.63 -0.71 0.00	68.81 -0.76 0.00	60.86 -0.80 0.00	58.30 -0.71 0.00	60.65 -0.80 0.00	66.19 -0.73 0.00	68.79 -0.69 0.00	73.22 -0.89 0.00	87.10 -1.32 0.00	89.61 -1.46 0.00	87.18 -1.24 0.00	82.49 -1.00 0.00	71.44 -0.58 0.00	71.21 -0.36 0.00	71.14 -0.21 0.00
MARBLE_RIVER_WT_PWR 323696	65.54 1.47 0.00	63.14 1.17 0.00	62.90 1.17 0.00	59.19 0.99 0.00	61.48 0.79 0.00	63.91 0.70 0.00	70.77 -0.28 0.00	70.48 -1.07 0.00	70.14 -1.65 0.00	69.92 -1.43 0.00	68.19 -1.39 0.00	60.24 -1.42 0.00	57.88 -1.12 0.00	60.10 -1.35 0.00	65.51 -1.41 0.00	67.89 -1.60 0.00	71.66 -2.44 0.00	84.53 -3.89 0.00	86.79 -4.28 0.00	84.71 -3.71 0.00	80.65 -2.84 0.00	70.37 -1.65 0.00	70.63 -0.93 0.00	71.42 0.07 0.00
MARSHVLE_115KV_TB1 80742	68.17 4.10 0.00	66.05 4.09 0.00	65.87 4.14 0.00	62.10 3.90 0.00	64.82 4.13 0.00	67.64 4.43 0.00	79.83 5.61 -3.16	100.62 5.80 -23.27	94.86 5.74 -17.33	76.19 4.85 0.00	73.68 4.11 0.00	64.50 2.84 0.00	61.36 2.36 0.00	64.09 2.64 0.00	69.93 3.01 0.00	73.31 3.82 0.00	85.38 5.85 -5.42	147.40 8.13 -50.85	165.70 8.56 -66.07	167.89 8.22 -71.25	138.86 7.76 -47.60	93.41 6.70 -14.70	82.81 6.15 -5.09	85.91 5.64 -8.92
MARSH_HILL_WT_PWR 323713	60.23 -3.84 0.00	58.31 -3.66 0.00	58.34 -3.40 0.00	54.89 -3.32 0.00	57.36 -3.34 0.00	59.80 -3.41 0.00	67.95 -3.20 -0.09	68.29 -3.94 -0.67	67.83 -4.45 -0.50	66.06 -5.28 0.00	64.15 -5.43 0.00	56.73 -4.94 0.00	54.11 -4.90 0.00	56.60 -4.86 0.00	60.77 -6.16 0.00	64.56 -4.93 0.00	70.40 -3.86 -0.15	89.06 -2.30 -2.94	92.84 -1.46 -3.23	88.95 -1.50 -2.04	83.51 -1.34 -1.36	71.86 -0.58 -0.42	70.78 -0.93 -0.15	71.18 -0.43 -0.26
MCINTYRE_115KV_TB2 80467	67.21 3.14 0.00	64.75 2.79 0.00	64.51 2.78 0.00	61.11 2.91 0.00	63.18 2.49 0.00	65.68 2.47 0.00	73.19 2.13 0.00	72.99 1.43 0.00	72.72 0.93 0.00	72.91 1.57 0.00	71.18 1.60 0.00	62.65 0.99 0.00	60.54 1.53 0.00	62.56 1.11 0.00	68.26 1.34 0.00	70.60 1.11 0.00	74.48 0.37 0.00	87.62 -0.80 0.00	89.52 -1.55 0.00	88.07 -0.35 0.00	83.57 0.08 0.00	72.24 0.22 0.00	73.43 1.86 0.00	73.64 2.28 0.00
MECO_____69_KV_BK1 80468	69.45 5.38 0.00	67.29 5.33 0.00	67.10 5.37 0.00	63.27 5.06 0.00	66.04 5.34 0.00	68.84 5.63 0.00	81.41 6.96 -3.39	103.62 7.08 -24.98	97.35 6.96 -18.60	77.48 6.14 0.00	75.14 5.57 0.00	65.85 4.19 0.00	62.72 3.72 0.00	65.45 3.99 0.00	71.47 4.55 0.00	75.05 5.56 0.00	87.33 7.41 -5.81	152.53 9.81 -54.30	172.02 10.29 -70.66	174.79 9.90 -76.47	144.01 9.43 -51.09	95.86 8.07 -15.77	84.62 7.59 -5.47	87.92 6.99 -9.58
MENANDS___115KV_TB5 355628	66.12 2.05 0.00	63.88 1.92 0.00	63.65 1.91 0.00	60.07 1.86 0.00	62.64 1.94 0.00	65.11 1.90 0.00	75.59 2.34 -2.19	90.25 2.58 -16.12	86.66 2.87 -12.00	74.20 2.85 0.00	72.15 2.57 0.00	64.00 2.34 0.00	61.25 2.24 0.00	63.79 2.34 0.00	69.40 2.48 0.00	72.06 2.57 0.00	80.82 2.96 -3.75	130.48 3.54 -38.53	143.47 3.64 -48.76	141.22 3.45 -49.36	119.64 3.17 -32.98	84.87 2.66 -10.18	77.46 2.36 -3.53	80.10 2.57 -6.18
MG INDUSTRY___DRP 24185	68.10 4.04 0.00	65.99 4.03 0.00	65.87 4.14 0.00	62.10 3.90 0.00	64.64 3.95 0.00	67.14 3.92 0.00	76.35 4.12 -1.17	84.07 3.86 -8.65	82.03 3.80 -6.44	74.98 3.64 0.00	72.71 3.13 0.00	64.31 2.65 0.00	61.42 2.42 0.00	64.09 2.64 0.00	69.87 2.94 0.00	72.89 3.40 0.00	80.12 4.00 -2.01	118.16 5.04 -24.70	126.15 5.28 -29.81	119.93 5.04 -26.47	106.02 4.84 -17.69	81.73 4.25 -5.46	77.54 4.08 -1.89	79.31 4.64 -3.31

MID___OSWEGATCHIE_HYD 23849	65.35 1.28 0.00	63.08 1.12 0.00	62.84 1.11 0.00	59.48 1.28 0.00	61.67 0.97 0.00	64.10 0.89 0.00	71.77 0.71 0.00	71.99 0.43 0.00	71.72 -0.07 0.00	71.63 0.29 0.00	69.86 0.28 0.00	61.60 -0.06 0.00	59.30 0.30 0.00	61.51 0.06 0.00	66.99 0.07 0.00	69.35 -0.14 0.00	73.81 -0.30 0.00	87.89 -0.53 0.00	90.34 -0.73 0.00	88.33 -0.09 0.00	83.57 0.08 0.00	72.24 0.22 0.00	72.57 1.00 0.00	72.64 1.28 0.00
MID___RAQUETTE_HYD 23851	66.05 1.99 0.00	63.70 1.73 0.00	63.46 1.73 0.00	60.07 1.86 0.00	62.03 1.34 0.00	64.23 1.01 0.00	71.56 0.50 0.00	71.41 -0.14 0.00	71.14 -0.65 0.00	71.56 0.21 0.00	69.86 0.28 0.00	61.60 -0.06 0.00	59.59 0.59 0.00	61.51 0.06 0.00	67.06 0.13 0.00	69.07 -0.42 0.00	72.70 -1.41 0.00	85.68 -2.74 0.00	87.51 -3.55 0.00	86.12 -2.30 0.00	81.65 -1.84 0.00	70.80 -1.22 0.00	72.07 0.50 0.00	72.42 1.07 0.00
MILLIKEN___1 23584	63.81 -0.26 0.00	61.71 -0.25 0.00	61.55 -0.19 0.00	58.03 -0.17 0.00	60.70 0.00 0.00	63.28 0.06 0.00	71.65 0.50 -0.10	72.90 0.64 -0.70	72.88 0.57 -0.52	71.56 0.21 0.00	69.58 0.00 0.00	61.54 -0.12 0.00	58.77 -0.24 0.00	61.33 -0.12 0.00	66.72 -0.20 0.00	69.63 0.14 0.00	75.08 0.82 -0.16	93.52 2.12 -2.98	96.92 2.55 -3.30	92.69 2.12 -2.15	86.76 1.84 -1.44	74.41 1.94 -0.44	72.72 1.00 -0.15	72.48 0.86 -0.27
MILLIKEN___2 23585	63.81 -0.26 0.00	61.71 -0.25 0.00	61.55 -0.19 0.00	58.03 -0.17 0.00	60.70 0.00 0.00	63.28 0.06 0.00	71.65 0.50 -0.10	72.90 0.64 -0.70	72.88 0.57 -0.52	71.56 0.21 0.00	69.58 0.00 0.00	61.54 -0.12 0.00	58.77 -0.24 0.00	61.33 -0.12 0.00	66.72 -0.20 0.00	69.63 0.14 0.00	75.08 0.82 -0.16	93.52 2.12 -2.98	96.92 2.55 -3.30	92.69 2.12 -2.15	86.76 1.84 -1.44	74.41 1.94 -0.44	72.72 1.00 -0.15	72.48 0.86 -0.27
MILLIKEN___DIESEL 23629	63.81 -0.26 0.00	61.71 -0.25 0.00	61.55 -0.19 0.00	58.03 -0.17 0.00	60.70 0.00 0.00	63.28 0.06 0.00	71.65 0.50 -0.10	72.90 0.64 -0.70	72.88 0.57 -0.52	71.56 0.21 0.00	69.58 0.00 0.00	61.54 -0.12 0.00	58.77 -0.24 0.00	61.33 -0.12 0.00	66.72 -0.20 0.00	69.63 0.14 0.00	75.08 0.82 -0.16	93.52 2.12 -2.98	96.92 2.55 -3.30	92.69 2.12 -2.15	86.76 1.84 -1.44	74.41 1.94 -0.44	72.72 1.00 -0.15	72.48 0.86 -0.27
MILLSEAT___LFGE 323607	59.97 -4.10 0.00	57.69 -4.27 0.00	57.96 -3.77 0.00	54.59 -3.61 0.00	57.36 -3.34 0.00	59.80 -3.41 0.00	67.22 -3.84 0.00	66.62 -4.94 0.00	66.40 -5.39 0.00	65.28 -6.06 0.00	63.94 -5.63 0.00	56.67 -4.99 0.00	53.93 -5.07 0.00	56.60 -4.86 0.00	60.63 -6.29 0.00	63.86 -5.63 0.00	68.03 -6.08 0.00	85.18 -5.22 -1.98	88.12 -4.74 -1.79	83.20 -5.22 0.00	77.98 -5.51 0.00	67.84 -4.18 0.00	67.56 -4.01 0.00	67.79 -3.57 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	65.99 1.92 0.00	63.70 1.73 0.00	63.34 1.61 0.00	59.66 1.46 0.00	62.09 1.40 0.00	64.86 1.64 0.00	74.00 2.63 -0.32	77.47 3.58 -2.34	77.69 4.16 -1.74	74.98 3.64 0.00	72.85 3.27 0.00	64.68 3.02 0.00	61.84 2.83 0.00	64.40 2.95 0.00	70.27 3.35 0.00	73.17 3.68 0.00	79.39 4.74 -0.54	106.53 6.28 -11.83	110.35 6.56 -12.73	101.78 6.19 -7.17	93.87 5.59 -4.79	77.68 4.18 -1.48	75.37 3.29 -0.51	75.39 3.14 -0.90
MILLWOOD_13_KV_LOAD 356217	66.12 2.05 0.00	63.82 1.86 0.00	63.52 1.79 0.00	59.72 1.51 0.00	62.21 1.52 0.00	64.99 1.77 0.00	74.15 2.77 -0.32	77.62 3.72 -2.34	77.84 4.31 -1.74	75.12 3.78 0.00	72.92 3.34 0.00	64.74 3.08 0.00	61.95 2.95 0.00	64.52 3.07 0.00	70.40 3.48 0.00	73.38 3.89 0.00	79.62 4.97 -0.54	106.79 6.54 -11.83	110.62 6.83 -12.73	102.13 6.54 -7.17	94.12 5.84 -4.79	77.82 4.32 -1.48	75.59 3.51 -0.51	75.60 3.35 -0.90
MODEL_CITY_ENERGY 24167	57.98 -6.09 0.00	55.89 -6.07 0.00	56.12 -5.62 0.00	52.85 -5.35 0.00	55.48 -5.22 0.00	57.84 -5.37 0.00	64.73 -6.32 0.00	63.83 -7.73 0.00	63.60 -8.19 0.00	62.56 -8.78 0.00	61.37 -8.21 0.00	54.51 -7.15 0.00	51.86 -7.14 0.00	54.51 -6.94 0.00	58.29 -8.63 0.00	61.29 -8.20 0.00	65.06 -9.04 0.00	81.47 -9.02 -2.07	84.11 -8.83 -1.88	79.58 -8.84 0.00	74.72 -8.77 0.00	65.18 -6.84 0.00	64.98 -6.58 0.00	65.36 -5.99 0.00
MODERN_LFGE___ 323580	57.98 -6.09 0.00	55.89 -6.07 0.00	56.12 -5.62 0.00	52.85 -5.35 0.00	55.48 -5.22 0.00	57.84 -5.37 0.00	64.73 -6.32 0.00	63.83 -7.73 0.00	63.60 -8.19 0.00	62.56 -8.78 0.00	61.37 -8.21 0.00	54.51 -7.15 0.00	51.86 -7.14 0.00	54.51 -6.94 0.00	58.29 -8.63 0.00	61.29 -8.20 0.00	65.06 -9.04 0.00	81.47 -9.02 -2.07	84.11 -8.83 -1.88	79.58 -8.84 0.00	74.72 -8.77 0.00	65.18 -6.84 0.00	64.98 -6.58 0.00	65.36 -5.99 0.00
MOHAWK_PAPER___DRP 24187	66.37 2.31 0.00	64.19 2.23 0.00	63.96 2.22 0.00	60.36 2.15 0.00	62.88 2.19 0.00	65.37 2.15 0.00	76.07 2.70 -2.32	91.61 3.01 -17.05	87.78 3.30 -12.69	74.48 3.14 0.00	72.50 2.92 0.00	64.31 2.65 0.00	61.48 2.48 0.00	64.03 2.58 0.00	69.73 2.81 0.00	72.54 3.06 0.00	81.63 3.56 -3.97	132.98 4.33 -40.22	146.63 4.46 -51.10	144.77 4.16 -52.20	122.20 3.84 -34.87	86.03 3.24 -10.77	78.16 2.86 -3.73	80.89 3.00 -6.54
MOHICAN___35_KV_115KV_LD 80490	68.68 4.61 0.00	66.48 4.52 0.00	66.30 4.57 0.00	62.51 4.31 0.00	65.19 4.49 0.00	67.90 4.68 0.00	80.24 5.76 -3.43	102.89 6.08 -25.25	96.76 6.17 -18.80	77.12 5.78 0.00	75.00 5.43 0.00	66.04 4.38 0.00	63.02 4.01 0.00	65.69 4.24 0.00	71.74 4.82 0.00	75.12 5.63 0.00	86.65 6.67 -5.88	152.21 8.49 -55.30	171.61 8.74 -71.80	174.04 8.31 -77.31	142.99 7.85 -51.65	94.74 6.77 -15.95	83.46 6.37 -5.53	87.03 5.99 -9.68
MONGAUP___HYD 23641	66.18 2.11 0.00	63.94 1.98 0.00	63.65 1.92 0.00	59.95 1.74 0.00	62.39 1.70 0.00	65.24 2.02 0.00	74.33 2.98 -0.29	77.19 3.51 -2.13	77.25 3.87 -1.59	74.41 3.07 0.00	72.15 2.58 0.00	64.06 2.40 0.00	61.25 2.24 0.00	63.85 2.39 0.00	69.86 2.94 0.00	72.82 3.34 0.00	79.27 4.67 -0.50	105.19 5.92 -10.85	108.83 6.10 -11.66	100.87 5.92 -6.52	93.27 5.42 -4.36	77.32 3.96 -1.35	75.40 3.36 -0.47	75.38 3.21 -0.82
MONTAUK___DIESEL 23721	68.68 4.61 0.00	66.24 4.28 0.00	65.68 3.95 0.00	61.87 3.67 0.00	64.28 3.58 0.00	67.33 4.11 0.00	86.57 5.97 -9.54	106.52 7.16 -27.81	103.27 7.54 -23.95	85.42 6.78 -7.30	75.84 5.43 -0.84	66.29 4.62 0.00	63.19 4.19 0.00	65.75 4.30 0.00	72.14 5.22 0.00	89.89 5.77 -14.63	111.58 7.56 -29.91	133.54 10.26 -34.86	139.40 10.75 -37.58	114.45 9.37 -16.66	112.66 8.18 -20.98	102.36 6.19 -24.15	102.37 5.37 -25.44	97.52 5.92 -20.25
MOONROAD_115KV_HARTFLD_TB1-2 355988	61.57 -2.50 0.00	59.55 -2.42 0.00	59.63 -2.10 0.00	56.11 -2.10 0.00	58.81 -1.88 0.00	61.32 -1.90 0.00	69.07 -1.99 0.00	68.19 -3.36 0.00	67.98 -3.80 0.00	66.42 -4.92 0.00	64.71 -4.87 0.00	57.65 -4.01 0.00	54.87 -4.13 0.00	57.40 -4.06 0.00	61.84 -5.09 0.00	64.83 -4.66 0.00	69.36 -4.74 0.00	87.58 -3.18 -2.35	90.73 -2.46 -2.13	85.06 -3.36 0.00	80.48 -3.01 0.00	71.37 -0.65 0.00	69.49 -2.08 0.00	69.57 -1.78 0.00

MORRIS_RIDGE___SOLAR 323848	60.48 -3.59 0.00	58.31 -3.66 0.00	58.40 -3.33 0.00	54.94 -3.26 0.00	57.54 -3.16 0.00	59.93 -3.29 0.00	67.66 -3.48 -0.09	67.69 -4.51 -0.64	67.24 -5.03 -0.48	65.57 -5.78 0.00	63.80 -5.77 0.00	56.48 -5.18 0.00	53.87 -5.13 0.00	56.41 -5.04 0.00	60.70 -6.22 0.00	64.00 -5.49 0.00	69.21 -5.04 -0.15	87.27 -3.98 -2.83	90.72 -3.46 -3.11	86.84 -3.54 -1.96	81.21 -3.59 -1.31	69.83 -2.59 -0.40	68.91 -2.79 -0.14	69.39 -2.21 -0.25
MORTIMER_115KV_TB3 55949	60.54 -3.52 0.00	58.49 -3.47 0.00	58.65 -3.09 0.00	55.23 -2.97 0.00	57.90 -2.79 0.00	60.44 -2.78 0.00	68.00 -3.06 0.00	68.05 -3.51 0.00	68.05 -3.73 0.00	67.13 -4.21 0.00	65.68 -3.90 0.00	58.21 -3.45 0.00	55.41 -3.60 0.00	57.95 -3.50 0.00	62.71 -4.22 0.00	65.53 -3.96 0.00	69.96 -4.15 0.00	86.68 -3.45 -1.71	89.52 -3.10 -1.55	84.35 -4.07 0.00	79.82 -3.67 0.00	70.00 -2.02 0.00	68.56 -3.01 0.00	68.14 -3.21 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	66.12 2.05 0.00	63.76 1.80 0.00	63.40 1.67 0.00	59.66 1.46 0.00	62.09 1.40 0.00	64.92 1.71 0.00	74.22 2.84 -0.32	77.92 4.01 -2.35	78.06 4.52 -1.75	75.48 4.14 0.00	73.20 3.62 0.00	64.99 3.33 0.00	62.19 3.19 0.00	64.71 3.26 0.00	70.60 3.68 0.00	73.59 4.10 0.00	79.92 5.26 -0.55	107.22 6.90 -11.90	111.06 7.19 -12.80	102.44 6.81 -7.21	94.40 6.09 -4.82	78.04 4.54 -1.49	75.66 3.58 -0.52	75.68 3.42 -0.90
MUNSVILLE_WIND_PWR 323609	67.59 3.52 0.00	65.18 3.22 0.00	64.94 3.21 0.00	61.17 2.97 0.00	63.91 3.21 0.00	66.95 3.73 0.00	76.18 4.90 -0.22	78.61 5.44 -1.62	78.44 5.45 -1.20	76.12 4.78 0.00	73.82 4.24 0.00	64.68 3.02 0.00	61.66 2.66 0.00	64.52 3.07 0.00	70.27 3.34 0.00	73.66 4.17 0.00	80.48 6.00 -0.38	103.29 9.11 -5.76	107.96 10.29 -6.61	103.44 10.08 -4.95	95.48 8.68 -3.30	80.10 7.06 -1.02	78.50 6.58 -0.35	78.61 6.64 -0.62
N SALMON___HYD 24042	66.95 2.89 0.00	64.56 2.60 0.00	64.32 2.59 0.00	60.53 2.33 0.00	62.88 2.18 0.00	65.37 2.15 0.00	72.62 1.56 0.00	72.27 0.72 0.00	71.86 0.07 0.00	71.85 0.50 0.00	70.00 0.42 0.00	61.66 0.00 0.00	59.42 0.42 0.00	61.64 0.18 0.00	67.12 0.20 0.00	69.56 0.07 0.00	73.44 -0.67 0.00	86.47 -1.95 0.00	88.79 -2.27 0.00	86.74 -1.68 0.00	82.74 -0.75 0.00	72.31 0.29 0.00	72.64 1.08 0.00	73.28 1.93 0.00
N.AKRON__115KV_KNAPP 355671	59.65 -4.42 0.00	57.56 -4.40 0.00	57.84 -3.89 0.00	54.48 -3.72 0.00	57.24 -3.46 0.00	59.68 -3.54 0.00	67.08 -3.98 0.00	66.40 -5.15 0.00	66.26 -5.53 0.00	65.06 -6.28 0.00	63.73 -5.84 0.00	56.60 -5.06 0.00	53.81 -5.19 0.00	56.35 -5.10 0.00	60.70 -6.22 0.00	63.65 -5.84 0.00	67.81 -6.30 0.00	84.84 -5.57 -1.99	87.77 -5.10 -1.81	82.14 -6.28 0.00	77.81 -5.68 0.00	69.07 -2.95 0.00	67.34 -4.22 0.00	67.07 -4.28 0.00
N.BELMOR_69_KV_BK1 55787	67.21 3.14 0.00	64.94 2.97 0.00	64.45 2.72 0.00	60.65 2.44 0.00	63.06 2.37 0.00	65.87 2.66 0.00	84.72 4.12 -9.54	104.51 5.15 -27.81	101.41 5.67 -23.95	83.85 5.21 -7.30	75.15 4.73 -0.84	65.85 4.19 0.00	62.96 3.95 0.00	65.51 4.06 0.00	71.67 4.75 0.00	89.33 5.21 -14.63	110.46 6.45 -29.91	131.59 8.31 -34.86	137.34 8.74 -37.53	113.30 8.22 -16.66	112.15 7.68 -20.98	102.07 5.91 -24.15	101.94 4.94 -25.44	96.31 4.71 -20.25
N.E_GEN_SANDY PD 24062	76.59 2.37 -10.15	75.15 2.29 -10.89	71.10 2.22 -7.15	71.72 2.09 -11.43	77.35 2.12 -14.53	93.39 2.21 -27.96	102.30 2.98 -28.26	126.50 3.58 -51.37	105.95 3.95 -30.22	97.56 3.57 -22.65	90.00 3.34 -17.08	83.31 3.08 -18.57	80.10 2.89 -18.21	80.00 3.01 -15.54	80.41 3.41 -10.08	91.60 3.61 -18.50	109.33 4.37 -30.85	136.40 5.66 -42.32	135.30 5.92 -38.32	121.95 5.66 -27.87	111.91 5.09 -23.33	102.93 3.74 -27.17	96.90 3.44 -21.90	87.75 3.21 -13.18
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	65.67 1.60 0.00	63.39 1.43 0.00	63.03 1.30 0.00	59.37 1.16 0.00	61.79 1.09 0.00	64.55 1.33 0.00	73.64 2.27 -0.31	77.03 3.22 -2.26	77.20 3.73 -1.68	74.55 3.21 0.00	72.43 2.85 0.00	64.31 2.65 0.00	61.48 2.48 0.00	64.03 2.58 0.00	69.87 2.94 0.00	72.82 3.34 0.00	79.00 4.37 -0.53	105.71 5.84 -11.46	109.49 6.10 -12.32	101.08 5.75 -6.92	93.29 5.18 -4.62	77.26 3.82 -1.43	74.99 2.93 -0.49	75.00 2.78 -0.87
N.QUEENS_27_KV_LOAD 356247	66.05 1.99 0.00	63.57 1.61 0.00	63.09 1.36 0.00	59.25 1.05 0.00	61.67 0.97 0.00	64.36 1.14 0.00	73.58 2.20 -0.32	77.49 3.58 -2.35	77.85 4.31 -1.75	75.19 3.85 0.00	73.06 3.48 0.00	64.93 3.27 0.00	62.19 3.19 0.00	64.65 3.20 0.00	70.47 3.55 0.00	73.52 4.03 0.00	79.84 5.19 -0.55	107.30 6.99 -11.90	111.06 7.19 -12.80	102.44 6.81 -7.21	94.40 6.09 -4.82	77.83 4.32 -1.49	75.37 3.29 -0.52	75.75 3.50 -0.90
N.TROY___115KV_TB1 355778	66.82 2.75 0.00	64.63 2.66 0.00	64.33 2.59 0.00	60.71 2.50 0.00	63.31 2.61 0.00	65.87 2.66 0.00	77.27 3.34 -2.87	96.39 3.72 -21.11	91.45 3.95 -15.72	74.98 3.64 0.00	73.06 3.48 0.00	64.68 3.02 0.00	61.84 2.83 0.00	64.40 2.95 0.00	70.20 3.28 0.00	73.10 3.61 0.00	83.39 4.37 -4.91	141.58 5.48 -47.67	158.14 5.74 -61.34	158.44 5.39 -64.63	131.68 5.01 -43.18	89.53 4.18 -13.33	79.98 3.79 -4.62	83.16 3.71 -8.09
NARROWS_GT1_1 24228	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
NARROWS_GT1_2 24229	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
NARROWS_GT1_3 24230	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
NARROWS_GT1_4 24231	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90

NARROWS_GT1_5 24232	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
NARROWS_GT1_6 24233	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
NARROWS_GT1_7 24234	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
NARROWS_GT1_8 24235	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
NARROWS_GT2_1 24236	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
NARROWS_GT2_2 24237	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
NARROWS_GT2_3 24238	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
NARROWS_GT2_4 24239	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
NARROWS_GT2_5 24240	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
NARROWS_GT2_6 24241	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
NARROWS_GT2_7 24242	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
NARROWS_GT2_8 24243	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	67.78 3.72 0.00	65.62 3.66 0.00	65.44 3.70 0.00	61.75 3.55 0.00	64.34 3.64 0.00	66.95 3.73 0.00	75.60 3.48 -1.06	82.54 3.15 -7.83	80.92 3.30 -5.83	74.70 3.35 0.00	72.36 2.78 0.00	64.07 2.40 0.00	61.25 2.24 0.00	63.91 2.46 0.00	69.73 2.81 0.00	72.61 3.13 0.00	79.34 3.41 -1.82	115.86 4.42 -23.02	123.30 4.64 -27.58	116.82 4.42 -23.98	103.60 4.09 -16.02	80.42 3.46 -4.95	76.29 3.01 -1.71	78.14 3.78 -3.00
NCHELSEA_115KV_TR2 355582	66.57 2.50 0.00	64.32 2.35 0.00	64.02 2.28 0.00	60.24 2.04 0.00	62.70 2.00 0.00	65.56 2.34 0.00	74.66 3.27 -0.33	77.99 4.01 -2.42	78.11 4.52 -1.80	75.19 3.85 0.00	72.99 3.41 0.00	64.81 3.14 0.00	62.01 3.01 0.00	64.65 3.20 0.00	70.54 3.61 0.00	73.52 4.03 0.00	79.86 5.19 -0.56	107.44 6.99 -12.03	111.33 7.29 -12.98	102.74 6.90 -7.42	94.71 6.26 -4.96	78.30 4.75 -1.53	75.96 3.86 -0.53	76.06 3.78 -0.93
NEG CAPITAL___MECHNVIL 23645	67.78 3.71 0.00	65.62 3.65 0.00	65.37 3.64 0.00	61.69 3.49 0.00	64.28 3.58 0.00	66.88 3.67 0.00	78.87 4.55 -3.26	100.41 4.87 -23.98	94.67 5.02 -17.86	76.05 4.71 0.00	74.03 4.46 0.00	65.42 3.76 0.00	62.48 3.48 0.00	65.14 3.69 0.00	71.01 4.08 0.00	74.21 4.73 0.00	85.32 5.63 -5.58	148.46 7.08 -52.97	167.04 7.37 -68.60	168.93 7.08 -73.43	139.15 6.59 -49.06	92.50 5.33 -15.15	81.90 5.08 -5.25	85.33 4.78 -9.20

NEG CENTRAL_HIGH_ACRES 23767	60.10 -3.97 0.00	57.94 -4.03 0.00	58.03 -3.70 0.00	54.65 -3.55 0.00	57.30 -3.40 0.00	59.80 -3.41 0.00	67.44 -3.62 0.00	67.62 -3.94 0.00	67.70 -4.09 0.00	66.85 -4.49 0.00	65.26 -4.31 0.00	57.78 -3.88 0.00	55.11 -3.90 0.00	57.64 -3.81 0.00	62.24 -4.69 0.00	65.18 -4.31 0.00	69.66 -4.44 0.00	86.19 -3.89 -1.66	89.02 -3.55 -1.51	84.53 -3.89 0.00	79.32 -4.17 0.00	68.64 -3.38 0.00	68.06 -3.51 0.00	67.93 -3.42 0.00
NEG CENTRAL___DRP 24199	62.21 -1.86 0.00	60.16 -1.80 0.00	60.07 -1.67 0.00	56.57 -1.63 0.00	59.24 -1.46 0.00	61.83 -1.39 0.00	69.92 -1.14 0.00	70.34 -1.22 0.00	70.42 -1.36 0.00	69.56 -1.78 0.00	67.70 -1.88 0.00	59.93 -1.73 0.00	57.18 -1.83 0.00	59.73 -1.72 0.00	64.78 -2.14 0.00	67.68 -1.81 0.00	72.77 -1.33 0.00	89.97 -0.27 -1.82	92.71 0.00 -1.65	87.98 -0.44 0.00	82.99 -0.50 0.00	72.16 0.14 0.00	70.71 -0.86 0.00	70.42 -0.93 0.00
NEG CENTRAL___INDECK 23768	60.61 -3.46 0.00	58.37 -3.60 0.00	58.52 -3.21 0.00	55.06 -3.14 0.00	57.78 -2.91 0.00	60.25 -2.97 0.00	68.29 -2.77 0.00	68.34 -3.22 0.00	68.05 -3.74 0.00	66.77 -4.57 0.00	64.98 -4.59 0.00	57.34 -4.32 0.00	54.64 -4.37 0.00	57.21 -4.24 0.00	61.57 -5.36 0.00	64.97 -4.52 0.00	70.10 -4.00 0.00	88.21 -2.57 -2.36	91.38 -1.82 -2.14	86.04 -2.38 0.00	80.65 -2.84 0.00	70.00 -2.02 0.00	69.35 -2.22 0.00	69.28 -2.07 0.00
NEG CENTRAL___SENECA 23627	62.27 -1.79 0.00	60.23 -1.73 0.00	60.19 -1.54 0.00	56.69 -1.51 0.00	59.42 -1.27 0.00	62.02 -1.20 0.00	70.20 -0.85 0.00	70.48 -1.07 0.00	70.49 -1.29 0.00	69.56 -1.78 0.00	67.70 -1.88 0.00	59.87 -1.79 0.00	57.06 -1.95 0.00	59.67 -1.78 0.00	64.65 -2.28 0.00	67.68 -1.81 0.00	72.85 -1.26 0.00	90.52 0.09 -2.01	93.25 0.36 -1.82	88.33 -0.09 0.00	83.32 -0.17 0.00	72.67 0.65 0.00	71.07 -0.50 0.00	70.71 -0.64 0.00
NEG CENTRAL___STATE_STREET 24147	62.53 -1.54 0.00	60.47 -1.49 0.00	60.31 -1.42 0.00	56.86 -1.34 0.00	59.48 -1.21 0.00	62.02 -1.20 0.00	70.13 -0.92 0.00	70.84 -0.72 0.00	71.00 -0.79 0.00	70.27 -1.07 0.00	68.39 -1.18 0.00	60.55 -1.11 0.00	57.77 -1.24 0.00	60.35 -1.11 0.00	65.52 -1.41 0.00	68.24 -1.25 0.00	73.37 -0.74 0.00	90.29 0.09 -1.79	93.14 0.46 -1.62	88.33 -0.09 0.00	83.32 -0.17 0.00	72.24 0.22 0.00	70.92 -0.64 0.00	70.57 -0.78 0.00
NEG MILLWOOD___DRP 24198	66.95 2.88 0.00	64.69 2.73 0.00	64.33 2.59 0.00	60.53 2.33 0.00	63.00 2.31 0.00	65.87 2.66 0.00	75.01 3.62 -0.33	78.41 4.44 -2.42	78.69 5.10 -1.80	75.69 4.35 0.00	73.47 3.90 0.00	65.24 3.58 0.00	62.43 3.42 0.00	65.02 3.56 0.00	70.94 4.02 0.00	74.00 4.52 0.00	80.45 5.78 -0.56	108.21 7.69 -12.10	112.30 8.20 -13.04	103.61 7.78 -7.41	95.45 7.01 -4.95	78.81 5.26 -1.53	76.53 4.44 -0.53	76.56 4.28 -0.93
NEG NORTH_FLCN_SEA 23793	66.50 2.43 0.00	64.07 2.11 0.00	63.83 2.10 0.00	60.07 1.86 0.00	62.33 1.64 0.00	64.80 1.58 0.00	71.34 0.28 0.00	70.98 -0.57 0.00	70.57 -1.22 0.00	70.34 -1.00 0.00	68.53 -1.04 0.00	60.43 -1.23 0.00	58.12 -0.89 0.00	60.35 -1.11 0.00	65.79 -1.14 0.00	68.24 -1.25 0.00	72.11 -2.00 0.00	84.97 -3.45 0.00	87.33 -3.73 0.00	85.50 -2.92 0.00	81.23 -2.25 0.00	70.22 -1.80 0.00	71.14 -0.43 0.00	72.35 1.00 0.00
NEG NORTH_KES_CHATEGAY 23792	65.80 1.73 0.00	63.39 1.43 0.00	63.15 1.42 0.00	59.42 1.22 0.00	61.73 1.03 0.00	64.17 0.95 0.00	71.13 0.07 0.00	70.77 -0.79 0.00	70.42 -1.36 0.00	70.20 -1.14 0.00	68.53 -1.04 0.00	60.43 -1.23 0.00	58.12 -0.89 0.00	60.35 -1.11 0.00	65.79 -1.14 0.00	68.17 -1.32 0.00	71.96 -2.15 0.00	84.79 -3.63 0.00	87.06 -4.01 0.00	85.33 -3.09 0.00	80.98 -2.50 0.00	70.00 -2.02 0.00	70.99 -0.57 0.00	71.50 0.14 0.00
NEG NORTH___ALICE_FALLS 23915	66.89 2.82 0.00	64.38 2.42 0.00	64.14 2.41 0.00	60.36 2.15 0.00	62.64 1.94 0.00	65.24 2.02 0.00	72.05 0.99 0.00	71.70 0.14 0.00	71.21 -0.57 0.00	70.91 -0.43 0.00	69.09 -0.49 0.00	60.92 -0.74 0.00	58.59 -0.41 0.00	60.84 -0.61 0.00	66.32 -0.60 0.00	68.86 -0.63 0.00	72.77 -1.33 0.00	85.77 -2.65 0.00	88.15 -2.91 0.00	86.30 -2.12 0.00	82.07 -1.42 0.00	71.01 -1.01 0.00	71.85 0.29 0.00	72.78 1.43 0.00
NEG NORTH___LWR_SARANAC 23913	66.89 2.82 0.00	64.38 2.42 0.00	64.14 2.41 0.00	60.36 2.15 0.00	62.64 1.94 0.00	65.24 2.02 0.00	72.05 0.99 0.00	71.70 0.14 0.00	71.21 -0.57 0.00	70.91 -0.43 0.00	69.09 -0.49 0.00	60.92 -0.74 0.00	58.59 -0.41 0.00	60.84 -0.61 0.00	66.32 -0.60 0.00	68.86 -0.63 0.00	72.77 -1.33 0.00	85.77 -2.65 0.00	88.15 -2.91 0.00	86.30 -2.12 0.00	82.07 -1.42 0.00	71.01 -1.01 0.00	71.85 0.29 0.00	72.78 1.43 0.00
NEG NORTH___PLATTSBURG 23628	66.88 2.82 0.00	64.38 2.41 0.00	64.14 2.41 0.00	60.29 2.09 0.00	62.64 1.94 0.00	65.24 2.02 0.00	72.05 0.99 0.00	71.70 0.14 0.00	71.21 -0.58 0.00	70.92 -0.43 0.00	69.09 -0.48 0.00	60.92 -0.74 0.00	58.59 -0.41 0.00	60.84 -0.61 0.00	66.32 -0.60 0.00	68.86 -0.63 0.00	72.77 -1.33 0.00	85.77 -2.65 0.00	88.15 -2.92 0.00	86.12 -2.30 0.00	82.07 -1.42 0.00	71.59 -0.43 0.00	71.93 0.36 0.00	72.92 1.57 0.00
NEG WEST_LEA_LOCKPORT 23791	58.24 -5.83 0.00	56.32 -5.64 0.00	56.55 -5.19 0.00	53.26 -4.95 0.00	55.84 -4.86 0.00	58.22 -4.99 0.00	65.23 -5.83 0.00	64.33 -7.23 0.00	64.11 -7.68 0.00	63.07 -8.28 0.00	61.78 -7.79 0.00	55.06 -6.60 0.00	52.28 -6.73 0.00	54.81 -6.64 0.00	59.03 -7.90 0.00	61.77 -7.71 0.00	65.66 -8.45 0.00	82.25 -8.22 -2.05	84.91 -8.01 -1.86	79.58 -8.84 0.00	75.47 -8.01 0.00	67.20 -4.83 0.00	65.55 -6.01 0.00	65.36 -5.99 0.00
NEG WEST___LANCASTR 23811	60.29 -3.78 0.00	58.24 -3.72 0.00	58.40 -3.33 0.00	55.00 -3.20 0.00	57.66 -3.03 0.00	60.06 -3.16 0.00	67.58 -3.55 -0.08	66.61 -5.51 -0.57	65.68 -6.53 -0.42	64.56 -6.78 0.00	63.11 -6.47 0.00	56.42 -5.24 0.00	53.63 -5.37 0.00	56.17 -5.28 0.00	60.57 -6.36 0.00	63.37 -6.11 0.00	67.94 -6.30 -0.13	85.37 -5.57 -2.52	88.64 -5.19 -2.77	84.24 -5.92 -1.74	79.14 -5.51 -1.16	69.43 -2.95 -0.36	67.47 -4.22 -0.12	68.29 -3.28 -0.22
NEG_PENN_ALLEGHNY 23528	63.30 -0.77 0.00	61.28 -0.68 0.00	61.12 -0.62 0.00	57.56 -0.64 0.00	60.15 -0.55 0.00	62.71 -0.51 0.00	70.92 -0.28 -0.15	72.36 -0.29 -1.09	72.31 -0.29 -0.81	70.77 -0.57 0.00	68.88 -0.70 0.00	60.98 -0.68 0.00	58.24 -0.77 0.00	60.78 -0.67 0.00	65.99 -0.94 0.00	68.79 -0.69 0.00	74.21 -0.15 -0.25	93.88 0.79 -4.66	97.41 1.18 -5.16	92.63 0.88 -3.32	86.21 0.50 -2.22	73.07 0.36 -0.69	71.80 0.00 -0.24	71.98 0.21 -0.42
NEG___GEN_MONROE 24207	60.48 -3.59 0.00	58.49 -3.47 0.00	58.65 -3.09 0.00	55.23 -2.97 0.00	57.90 -2.79 0.00	60.50 -2.72 0.00	67.93 -3.13 0.00	67.76 -3.79 0.00	67.84 -3.95 0.00	66.78 -4.57 0.00	65.26 -4.31 0.00	57.84 -3.82 0.00	54.99 -4.01 0.00	57.46 -3.99 0.00	62.10 -4.82 0.00	64.90 -4.59 0.00	69.36 -4.74 0.00	86.08 -4.07 -1.73	89.08 -3.55 -1.56	83.82 -4.60 0.00	79.23 -4.26 0.00	69.72 -2.30 0.00	68.35 -3.22 0.00	68.00 -3.35 0.00

NEPA__ENERGY 23901	60.29 -3.78 0.00	58.24 -3.72 0.00	58.40 -3.33 0.00	54.94 -3.26 0.00	57.66 -3.03 0.00	60.12 -3.10 0.00	67.50 -3.55 0.00	66.55 -5.01 0.00	66.26 -5.53 0.00	65.06 -6.28 0.00	63.52 -6.05 0.00	56.60 -5.06 0.00	53.81 -5.19 0.00	56.35 -5.10 0.00	60.70 -6.22 0.00	63.58 -5.91 0.00	67.96 -6.15 0.00	85.55 -5.13 -2.25	88.37 -4.74 -2.04	82.94 -5.48 0.00	78.48 -5.01 0.00	69.72 -2.30 0.00	67.92 -3.65 0.00	67.93 -3.42 0.00
NEVERSINK__HYD 23608	66.12 2.05 0.00	63.88 1.92 0.00	63.58 1.85 0.00	59.89 1.69 0.00	62.34 1.64 0.00	65.18 1.96 0.00	74.30 2.91 -0.33	77.55 3.58 -2.41	77.60 4.02 -1.80	74.56 3.21 0.00	72.29 2.71 0.00	64.19 2.53 0.00	61.37 2.36 0.00	63.97 2.52 0.00	69.94 3.01 0.00	72.89 3.40 0.00	79.42 4.75 -0.56	106.36 6.54 -11.40	110.30 6.83 -12.40	102.45 6.63 -7.39	94.44 6.01 -4.94	77.58 4.03 -1.52	75.53 3.44 -0.53	75.49 3.21 -0.93
NEWKRMKL_115KV_TB1 55635	65.86 1.79 0.00	63.76 1.80 0.00	63.52 1.79 0.00	59.89 1.69 0.00	62.46 1.76 0.00	64.92 1.71 0.00	75.08 2.06 -1.96	88.21 2.22 -14.44	85.05 2.51 -10.75	73.91 2.57 0.00	71.80 2.23 0.00	63.70 2.03 0.00	60.89 1.89 0.00	63.42 1.97 0.00	69.00 2.07 0.00	71.57 2.08 0.00	79.84 2.37 -3.36	126.63 2.74 -35.47	138.43 2.82 -44.54	135.19 2.56 -44.21	115.36 2.34 -29.54	83.16 2.02 -9.12	76.44 1.72 -3.16	79.10 2.21 -5.54
NEWTON__FALLS_HYD 23847	65.35 1.28 0.00	63.08 1.12 0.00	62.84 1.11 0.00	59.48 1.28 0.00	61.67 0.97 0.00	64.10 0.89 0.00	71.77 0.71 0.00	71.99 0.43 0.00	71.72 -0.07 0.00	71.63 0.29 0.00	69.86 0.28 0.00	61.60 -0.06 0.00	59.30 0.30 0.00	61.51 0.06 0.00	66.99 0.07 0.00	69.35 -0.14 0.00	73.81 -0.30 0.00	87.89 -0.53 0.00	90.34 -0.73 0.00	88.33 -0.09 0.00	83.57 0.08 0.00	72.24 0.22 0.00	72.57 1.00 0.00	72.64 1.28 0.00
NGRID_A1_DSASP 323792	58.24 -5.83 0.00	56.13 -5.83 0.00	56.36 -5.37 0.00	53.08 -5.12 0.00	55.72 -4.98 0.00	58.10 -5.12 0.00	64.45 -6.61 0.00	63.54 -8.01 0.00	63.39 -8.40 0.00	62.35 -8.99 0.00	61.23 -8.35 0.00	54.38 -7.28 0.00	51.74 -7.26 0.00	54.39 -7.06 0.00	58.16 -8.76 0.00	61.08 -8.41 0.00	64.84 -9.27 0.00	81.21 -9.28 -2.08	83.75 -9.19 -1.88	79.14 -9.28 0.00	74.39 -9.10 0.00	64.89 -7.13 0.00	64.77 -6.80 0.00	65.14 -6.21 0.00
NGRID_A2_DSASP 323793	58.24 -5.83 0.00	56.13 -5.83 0.00	56.36 -5.37 0.00	53.08 -5.12 0.00	55.72 -4.98 0.00	58.10 -5.12 0.00	64.45 -6.61 0.00	63.54 -8.01 0.00	63.39 -8.40 0.00	62.35 -8.99 0.00	61.23 -8.35 0.00	54.38 -7.28 0.00	51.74 -7.26 0.00	54.39 -7.06 0.00	58.16 -8.76 0.00	61.08 -8.41 0.00	64.84 -9.27 0.00	81.21 -9.28 -2.08	83.75 -9.19 -1.88	79.14 -9.28 0.00	74.39 -9.10 0.00	64.89 -7.13 0.00	64.77 -6.80 0.00	65.14 -6.21 0.00
NGRID_A4_DSASP 323807	58.24 -5.83 0.00	56.13 -5.83 0.00	56.36 -5.37 0.00	53.08 -5.12 0.00	55.72 -4.98 0.00	58.10 -5.12 0.00	64.45 -6.61 0.00	63.54 -8.01 0.00	63.39 -8.40 0.00	62.35 -8.99 0.00	61.23 -8.35 0.00	54.38 -7.28 0.00	51.74 -7.26 0.00	54.39 -7.06 0.00	58.16 -8.76 0.00	61.08 -8.41 0.00	64.84 -9.27 0.00	81.21 -9.28 -2.08	83.75 -9.19 -1.88	79.14 -9.28 0.00	74.39 -9.10 0.00	64.89 -7.13 0.00	64.77 -6.80 0.00	65.14 -6.21 0.00
NIAGARA_115E_LBMP 323715	57.66 -6.41 0.00	55.58 -6.38 0.00	55.81 -5.93 0.00	52.56 -5.64 0.00	55.17 -5.52 0.00	57.53 -5.69 0.00	64.31 -6.75 0.00	63.40 -8.16 0.00	63.10 -8.69 0.00	62.07 -9.27 0.00	60.95 -8.63 0.00	54.20 -7.46 0.00	51.57 -7.44 0.00	54.20 -7.25 0.00	57.89 -9.04 0.00	60.87 -8.62 0.00	64.62 -9.49 0.00	80.88 -9.64 -2.09	83.49 -9.47 -1.89	79.05 -9.37 0.00	74.22 -9.27 0.00	64.75 -7.27 0.00	64.56 -7.01 0.00	64.93 -6.42 0.00
NIAGARA_115W_LBMP 323714	58.18 -5.89 0.00	56.01 -5.95 0.00	56.24 -5.49 0.00	53.02 -5.18 0.00	55.60 -5.10 0.00	58.03 -5.18 0.00	64.38 -6.68 0.00	63.47 -8.09 0.00	63.24 -8.54 0.00	62.28 -9.06 0.00	61.09 -8.49 0.00	54.32 -7.34 0.00	51.69 -7.32 0.00	54.32 -7.13 0.00	58.02 -8.90 0.00	61.01 -8.48 0.00	64.69 -9.41 0.00	81.12 -9.37 -2.08	83.66 -9.29 -1.88	79.05 -9.37 0.00	74.22 -9.27 0.00	64.75 -7.27 0.00	64.63 -6.94 0.00	65.00 -6.35 0.00
NIAGARA_230_LBMP 323716	58.43 -5.64 0.00	56.26 -5.70 0.00	56.49 -5.25 0.00	53.20 -5.01 0.00	55.84 -4.86 0.00	58.22 -5.00 0.00	65.09 -5.97 0.00	64.19 -7.37 0.00	63.96 -7.82 0.00	63.00 -8.35 0.00	61.79 -7.79 0.00	54.88 -6.78 0.00	52.22 -6.78 0.00	54.88 -6.57 0.00	58.69 -8.23 0.00	61.71 -7.78 0.00	65.51 -8.60 0.00	81.99 -8.49 -2.06	84.55 -8.38 -1.86	80.02 -8.40 0.00	75.14 -8.35 0.00	65.54 -6.48 0.00	65.27 -6.30 0.00	65.64 -5.71 0.00
NIAGARA__115KV_198_GIBSON 55903	57.98 -6.09 0.00	56.01 -5.95 0.00	56.24 -5.49 0.00	53.02 -5.18 0.00	55.60 -5.10 0.00	58.03 -5.18 0.00	64.38 -6.68 0.00	63.47 -8.09 0.00	63.24 -8.54 0.00	62.28 -9.06 0.00	61.09 -8.49 0.00	54.38 -7.28 0.00	51.69 -7.32 0.00	54.20 -7.25 0.00	58.36 -8.57 0.00	60.94 -8.55 0.00	64.69 -9.41 0.00	81.12 -9.37 -2.08	83.66 -9.29 -1.88	78.43 -9.99 0.00	74.31 -9.18 0.00	66.26 -5.76 0.00	64.62 -6.94 0.00	64.43 -6.92 0.00
NIAGARA____ 23760	58.43 -5.64 0.00	56.26 -5.70 0.00	56.49 -5.25 0.00	53.20 -5.01 0.00	55.84 -4.86 0.00	58.22 -5.00 0.00	65.09 -5.97 0.00	64.19 -7.37 0.00	63.96 -7.82 0.00	63.00 -8.35 0.00	61.79 -7.79 0.00	54.88 -6.78 0.00	52.22 -6.78 0.00	54.88 -6.57 0.00	58.69 -8.23 0.00	61.71 -7.78 0.00	65.51 -8.60 0.00	82.00 -8.49 -2.07	84.57 -8.38 -1.88	80.02 -8.40 0.00	75.14 -8.35 0.00	65.54 -6.48 0.00	65.27 -6.30 0.00	65.64 -5.71 0.00
NINE_MILE_1 23575	60.99 -3.07 0.00	58.99 -2.97 0.00	58.83 -2.90 0.00	55.41 -2.79 0.00	57.91 -2.79 0.00	60.31 -2.91 0.00	67.93 -3.12 0.00	68.48 -3.07 0.00	68.63 -3.16 0.00	68.06 -3.28 0.00	66.31 -3.27 0.00	58.76 -2.90 0.00	56.17 -2.83 0.00	58.56 -2.89 0.00	63.64 -3.28 0.00	66.29 -3.20 0.00	70.92 -3.18 0.00	85.15 -3.27 0.00	87.88 -3.19 0.00	85.15 -3.27 0.00	80.23 -3.26 0.00	69.21 -2.81 0.00	68.56 -3.00 0.00	68.36 -2.99 0.00
NINE_MILE_2 23744	60.99 -3.07 0.00	58.99 -2.97 0.00	58.83 -2.90 0.00	55.47 -2.73 0.00	57.91 -2.79 0.00	60.31 -2.91 0.00	67.93 -3.12 0.00	68.48 -3.07 0.00	68.63 -3.16 0.00	68.06 -3.28 0.00	66.31 -3.27 0.00	58.76 -2.90 0.00	56.17 -2.83 0.00	58.56 -2.89 0.00	63.64 -3.28 0.00	66.29 -3.20 0.00	70.92 -3.18 0.00	85.15 -3.27 0.00	87.88 -3.19 0.00	85.15 -3.27 0.00	80.23 -3.26 0.00	69.21 -2.81 0.00	68.56 -3.00 0.00	68.36 -2.99 0.00
NM_CAPITAL__DRP 24208	65.99 1.92 0.00	63.82 1.86 0.00	63.52 1.79 0.00	59.95 1.75 0.00	62.52 1.82 0.00	64.99 1.77 0.00	75.27 2.20 -2.01	88.69 2.36 -14.77	85.44 2.66 -11.00	73.98 2.64 0.00	71.94 2.37 0.00	63.82 2.16 0.00	61.01 2.01 0.00	63.60 2.15 0.00	69.20 2.28 0.00	71.78 2.29 0.00	80.21 2.67 -3.44	127.57 3.09 -36.06	139.62 3.19 -45.36	136.64 3.01 -45.22	116.37 2.67 -30.21	83.72 2.38 -9.33	76.80 2.00 -3.23	79.37 2.35 -5.66

NM_CENTRAL___DRP 24181	61.76 -2.31 0.00	59.79 -2.17 0.00	59.63 -2.10 0.00	56.22 -1.98 0.00	58.75 -1.94 0.00	61.19 -2.02 0.00	69.07 -1.99 0.00	69.70 -1.86 0.00	69.92 -1.87 0.00	69.27 -2.07 0.00	67.49 -2.09 0.00	59.81 -1.85 0.00	57.12 -1.89 0.00	59.61 -1.84 0.00	64.78 -2.14 0.00	67.47 -2.02 0.00	72.33 -1.78 0.00	87.01 -1.41 0.00	89.88 -1.18 0.00	86.92 -1.50 0.00	81.99 -1.50 0.00	71.01 -1.01 0.00	69.92 -1.65 0.00	69.57 -1.78 0.00
NM_FRONTIER___DRP 24179	57.98 -6.09 0.00	56.01 -5.95 0.00	56.24 -5.49 0.00	53.02 -5.18 0.00	55.60 -5.10 0.00	58.03 -5.18 0.00	64.38 -6.68 0.00	63.47 -8.09 0.00	63.24 -8.54 0.00	62.28 -9.06 0.00	61.09 -8.49 0.00	54.38 -7.28 0.00	51.69 -7.32 0.00	54.20 -7.25 0.00	58.36 -8.57 0.00	60.94 -8.55 0.00	64.69 -9.41 0.00	81.12 -9.37 -2.08	83.66 -9.29 -1.88	78.43 -9.99 0.00	74.31 -9.18 0.00	66.26 -5.76 0.00	64.62 -6.94 0.00	64.43 -6.92 0.00
NM_ST_REGIS___HYD 24053	66.37 2.31 0.00	63.94 1.98 0.00	63.71 1.98 0.00	60.24 2.04 0.00	62.33 1.64 0.00	64.61 1.39 0.00	71.91 0.85 0.00	71.63 0.07 0.00	71.36 -0.43 0.00	71.63 0.29 0.00	69.93 0.35 0.00	61.60 -0.06 0.00	59.54 0.53 0.00	61.57 0.12 0.00	67.12 0.20 0.00	69.21 -0.28 0.00	72.92 -1.19 0.00	85.86 -2.56 0.00	87.79 -3.28 0.00	86.30 -2.12 0.00	81.90 -1.59 0.00	71.01 -1.01 0.00	72.21 0.64 0.00	72.64 1.28 0.00
NORTHPORT___1 23551	67.91 3.84 0.00	65.49 3.53 0.00	64.88 3.15 0.00	61.34 3.14 0.00	63.79 3.09 0.00	66.69 3.47 0.00	85.50 4.90 -9.54	105.30 5.94 -27.81	102.12 6.39 -23.95	84.35 5.71 -7.30	75.64 5.22 -0.84	66.41 4.75 0.00	63.43 4.43 0.00	66.00 4.55 0.00	72.41 5.49 0.00	89.82 5.70 -14.63	111.06 7.04 -29.91	131.77 8.49 -34.86	136.61 8.02 -37.53	113.65 8.57 -16.66	112.24 7.77 -20.98	102.08 5.91 -24.15	102.09 5.08 -25.44	96.23 4.64 -20.25
NORTHPORT___2 23552	67.91 3.84 0.00	65.49 3.53 0.00	64.88 3.15 0.00	61.34 3.14 0.00	63.79 3.09 0.00	66.69 3.47 0.00	85.50 4.90 -9.54	105.30 5.94 -27.81	102.12 6.39 -23.95	84.35 5.71 -7.30	75.64 5.22 -0.84	66.41 4.75 0.00	63.43 4.43 0.00	66.00 4.55 0.00	72.41 5.49 0.00	89.82 5.70 -14.63	111.06 7.04 -29.91	131.77 8.49 -34.86	136.61 8.02 -37.53	113.65 8.57 -16.66	112.24 7.77 -20.98	102.08 5.91 -24.15	102.09 5.08 -25.44	96.23 4.64 -20.25
NORTHPORT___3 23553	67.40 3.33 0.00	65.06 3.10 0.00	64.57 2.84 0.00	60.94 2.74 0.00	63.30 2.61 0.00	66.19 2.97 0.00	85.01 4.41 -9.54	104.87 5.51 -27.81	101.77 6.03 -23.95	84.13 5.49 -7.30	75.43 5.01 -0.84	66.16 4.50 0.00	63.13 4.13 0.00	65.75 4.30 0.00	72.01 5.08 0.00	89.61 5.49 -14.63	110.83 6.81 -29.91	132.12 8.84 -34.86	138.15 9.56 -37.52	113.83 8.76 -16.66	112.41 7.94 -20.98	101.86 5.69 -24.15	102.09 5.08 -25.44	96.10 4.50 -20.25
NORTHPORT___4 23650	67.40 3.33 0.00	65.06 3.10 0.00	64.57 2.84 0.00	60.94 2.74 0.00	63.30 2.61 0.00	66.19 2.97 0.00	85.01 4.41 -9.54	104.87 5.51 -27.81	101.77 6.03 -23.95	84.13 5.49 -7.30	75.43 5.01 -0.84	66.16 4.50 0.00	63.13 4.13 0.00	65.75 4.30 0.00	72.01 5.08 0.00	89.61 5.49 -14.63	110.83 6.81 -29.91	132.12 8.84 -34.86	138.15 9.56 -37.52	113.83 8.76 -16.66	112.41 7.94 -20.98	101.86 5.69 -24.15	102.09 5.08 -25.44	96.10 4.50 -20.25
NORTHPORT___IC 23718	67.98 3.91 0.00	65.62 3.66 0.00	65.00 3.27 0.00	61.29 3.08 0.00	63.79 3.10 0.00	66.69 3.48 0.00	85.51 4.90 -9.54	105.30 5.94 -27.81	101.98 6.25 -23.95	84.35 5.71 -7.30	75.63 5.22 -0.84	66.41 4.75 0.00	63.43 4.43 0.00	66.06 4.61 0.00	72.34 5.42 0.00	89.75 5.63 -14.63	111.06 7.04 -29.91	131.77 8.49 -34.86	136.61 8.01 -37.53	113.57 8.49 -16.66	112.32 7.85 -20.98	102.43 6.27 -24.15	102.09 5.08 -25.44	96.59 4.99 -20.25
NORTH___COUNTRY_ESR 323785	65.54 1.47 0.00	63.14 1.17 0.00	62.90 1.17 0.00	59.19 0.99 0.00	61.48 0.79 0.00	63.98 0.76 0.00	70.85 -0.21 0.00	70.55 -1.00 0.00	70.14 -1.65 0.00	70.06 -1.28 0.00	68.33 -1.25 0.00	60.30 -1.36 0.00	58.00 -1.00 0.00	60.22 -1.23 0.00	65.58 -1.34 0.00	67.96 -1.53 0.00	71.66 -2.44 0.00	84.44 -3.98 0.00	86.70 -4.37 0.00	84.71 -3.71 0.00	80.65 -2.84 0.00	70.44 -1.58 0.00	70.71 -0.86 0.00	71.35 0.00 0.00
NPX_GEN_1385_PROXY 323591	69.71 5.64 0.00	68.40 5.33 -1.11	66.24 4.50 0.00	64.00 4.77 -1.02	66.40 4.79 -0.91	74.00 5.24 -5.54	87.00 6.40 -9.54	106.66 7.30 -27.81	103.20 7.47 -23.95	84.92 6.28 -7.30	76.68 6.26 -0.84	67.83 6.17 0.00	64.73 5.72 0.00	67.41 5.96 0.00	74.28 7.36 0.00	91.00 6.88 -14.63	112.46 8.44 -29.91	133.71 10.43 -34.86	136.70 8.10 -37.53	115.68 10.61 -16.66	114.15 9.68 -20.98	103.66 7.49 -24.15	103.08 6.08 -25.44	97.31 5.71 -20.25
NPX_GEN_CSC 323557	68.36 4.29 0.00	65.93 3.97 0.00	65.37 3.64 0.00	61.69 3.49 0.00	64.15 3.46 0.00	67.07 3.86 0.00	86.21 5.61 -9.54	106.16 6.80 -27.81	102.98 7.25 -23.95	85.13 6.49 -7.30	76.19 5.77 -0.84	66.72 5.06 0.00	63.66 4.66 0.00	66.25 4.80 0.00	72.74 5.82 0.00	90.30 6.18 -14.63	111.80 7.78 -29.91	133.45 10.16 -34.86	139.03 10.38 -37.58	114.19 9.11 -16.66	112.32 7.85 -20.98	101.79 5.62 -24.15	102.30 5.30 -25.44	96.59 4.99 -20.25
NSINS_S___GLNS_FALLS 23858	68.75 4.68 0.00	66.48 4.52 0.00	66.30 4.57 0.00	62.51 4.31 0.00	65.25 4.55 0.00	67.90 4.68 0.00	80.33 5.83 -3.45	103.03 6.08 -25.39	96.87 6.17 -18.91	77.12 5.78 0.00	75.07 5.50 0.00	66.04 4.38 0.00	63.02 4.01 0.00	65.75 4.30 0.00	71.74 4.82 0.00	75.12 5.63 0.00	86.76 6.74 -5.91	152.47 8.49 -55.56	171.97 8.74 -72.16	174.48 8.31 -77.75	143.28 7.85 -51.94	94.83 6.77 -16.04	83.49 6.37 -5.56	87.08 5.99 -9.74
NUCOR_STEEL___DRP 24197	62.59 -1.47 0.00	60.54 -1.43 0.00	60.37 -1.36 0.00	56.92 -1.28 0.00	59.54 -1.15 0.00	62.02 -1.20 0.00	70.13 -0.92 0.00	70.70 -0.86 0.00	70.85 -0.93 0.00	70.13 -1.21 0.00	68.26 -1.32 0.00	60.43 -1.23 0.00	57.71 -1.30 0.00	60.22 -1.23 0.00	65.45 -1.47 0.00	68.24 -1.25 0.00	73.29 -0.82 0.00	90.05 -0.09 -1.71	92.89 0.27 -1.55	88.24 -0.18 0.00	83.24 -0.25 0.00	72.24 0.22 0.00	70.92 -0.64 0.00	70.64 -0.71 0.00
NUMBER_THREE_WT_PWR 323818	65.22 1.15 0.00	62.89 0.93 0.00	62.72 0.98 0.00	59.25 1.05 0.00	61.79 1.09 0.00	64.48 1.26 0.00	72.55 1.49 0.00	73.06 1.51 0.00	72.79 1.00 0.00	72.27 0.93 0.00	70.34 0.77 0.00	62.03 0.37 0.00	59.42 0.42 0.00	61.88 0.43 0.00	67.46 0.53 0.00	70.11 0.62 0.00	75.44 1.34 0.00	90.63 2.21 0.00	93.61 2.55 0.00	91.16 2.74 0.00	86.08 2.59 0.00	74.11 2.09 0.00	73.71 2.14 0.00	73.49 2.14 0.00
NYISO_LBMP_REFERENCE 24008	64.07 0.00 0.00	61.96 0.00 0.00	61.73 0.00 0.00	58.20 0.00 0.00	60.70 0.00 0.00	63.22 0.00 0.00	71.06 0.00 0.00	71.56 0.00 0.00	71.79 0.00 0.00	71.34 0.00 0.00	69.58 0.00 0.00	61.66 0.00 0.00	59.00 0.00 0.00	61.45 0.00 0.00	66.92 0.00 0.00	69.49 0.00 0.00	74.11 0.00 0.00	88.42 0.00 0.00	91.07 0.00 0.00	88.42 0.00 0.00	83.49 0.00 0.00	72.02 0.00 0.00	71.57 0.00 0.00	71.35 0.00 0.00

NYPA_BRENTWD____GT 24164	68.43 4.36 0.00	66.05 4.09 0.00	65.44 3.70 0.00	61.81 3.61 0.00	64.22 3.52 0.00	67.20 3.99 0.00	86.21 5.61 -9.54	106.09 6.72 -27.81	102.91 7.18 -23.95	85.13 6.49 -7.30	76.40 5.98 -0.84	66.96 5.30 0.00	63.90 4.89 0.00	66.55 5.10 0.00	73.01 6.09 0.00	90.51 6.39 -14.63	111.95 7.93 -29.91	133.18 9.90 -34.86	138.54 9.93 -37.54	114.98 9.90 -16.66	113.41 8.94 -20.98	102.87 6.70 -24.15	102.87 5.87 -25.44	97.02 5.42 -20.25
NYPA_GOWANUS____GT5 24156	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
NYPA_GOWANUS____GT6 24157	66.12 2.05 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.14 4.60 -1.75	75.55 4.21 0.00	73.26 3.69 0.00	67.68 3.64 -2.39	65.20 3.48 -2.72	67.56 3.50 -2.61	71.01 4.08 0.00	73.87 4.38 0.00	93.09 5.71 -13.28	116.80 7.61 -20.78	121.37 7.92 -22.39	114.91 7.61 -18.88	109.51 6.59 -19.42	90.99 4.25 -14.72	75.73 3.65 -0.52	75.25 3.00 -0.90
NYPA_HARLEM__RVR__GT1 24160	65.93 1.86 0.00	63.45 1.48 0.00	63.03 1.30 0.00	59.19 0.99 0.00	61.61 0.91 0.00	64.29 1.07 0.00	73.51 2.13 -0.32	77.34 3.43 -2.35	77.62 4.09 -1.74	75.04 3.71 0.01	72.84 3.27 0.01	64.92 3.27 0.01	62.06 3.07 0.01	64.58 3.13 0.01	70.53 3.61 0.01	73.44 3.96 0.01	79.76 5.11 -0.54	107.12 6.81 -11.89	110.87 7.01 -12.79	102.26 6.63 -7.20	94.14 5.84 -4.81	77.24 3.74 -1.48	75.45 3.36 -0.52	75.11 2.86 -0.90
NYPA_HARLEM__RVR__GT2 24161	65.93 1.86 0.00	63.45 1.48 0.00	63.03 1.30 0.00	59.19 0.99 0.00	61.61 0.91 0.00	64.29 1.07 0.00	73.51 2.13 -0.32	77.34 3.43 -2.35	77.62 4.09 -1.74	75.04 3.71 0.01	72.84 3.27 0.01	64.92 3.27 0.01	62.06 3.07 0.01	64.58 3.13 0.01	70.53 3.61 0.01	73.44 3.96 0.01	79.76 5.11 -0.54	107.12 6.81 -11.89	110.87 7.01 -12.79	102.26 6.63 -7.20	94.14 5.84 -4.81	77.24 3.74 -1.48	75.45 3.36 -0.52	75.11 2.86 -0.90
NYPA_KENT____GT 24152	66.06 1.99 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.48 1.28 0.00	61.85 1.15 0.00	64.73 1.51 0.00	73.93 2.55 -0.32	77.77 3.86 -2.35	78.07 4.53 -1.75	75.48 4.14 0.00	73.19 3.62 0.00	66.60 3.57 -1.37	63.92 3.36 -1.56	66.38 3.44 -1.49	70.87 3.95 0.00	73.80 4.31 0.00	87.50 5.56 -7.84	112.83 7.43 -16.98	117.01 7.65 -18.29	109.65 7.33 -13.89	103.10 6.43 -13.18	85.26 4.18 -9.06	75.59 3.51 -0.52	75.18 2.93 -0.90
NYPA_POUCH1____GT 24155	65.80 1.73 0.00	63.32 1.36 0.00	62.90 1.17 0.00	59.13 0.93 0.00	61.55 0.85 0.00	64.42 1.20 0.00	73.58 2.21 -0.32	77.49 3.58 -2.35	77.77 4.23 -1.75	54.78 3.78 20.34	72.85 3.27 0.00	67.37 3.33 -2.39	64.91 3.18 -2.72	67.31 3.25 -2.61	58.36 3.81 12.38	73.52 4.03 0.00	92.79 5.41 -13.28	116.45 7.25 -20.78	120.92 7.47 -22.39	114.46 7.16 -18.88	109.18 6.26 -19.42	90.70 3.96 -14.72	75.38 3.29 -0.52	74.90 2.64 -0.90
NYPA_VERNON____GT2 24162	66.06 1.99 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.48 1.28 0.00	61.91 1.21 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.07 4.53 -1.75	75.48 4.14 0.00	73.19 3.62 0.00	65.52 3.51 -0.35	62.76 3.36 -0.39	65.21 3.38 -0.38	70.87 3.95 0.00	73.73 4.24 0.00	81.98 5.48 -2.39	108.86 7.25 -13.19	112.73 7.47 -14.19	104.48 7.16 -8.90	96.69 6.26 -6.93	79.53 4.10 -3.41	75.59 3.51 -0.52	75.18 2.93 -0.90
NYPA_VERNON____GT3 24163	66.06 1.99 0.00	63.64 1.67 0.00	63.21 1.48 0.00	59.48 1.28 0.00	61.91 1.21 0.00	64.73 1.51 0.00	74.01 2.63 -0.32	77.84 3.93 -2.35	78.07 4.53 -1.75	75.48 4.14 0.00	73.19 3.62 0.00	65.52 3.51 -0.35	62.76 3.36 -0.39	65.21 3.38 -0.38	70.87 3.95 0.00	73.73 4.24 0.00	81.98 5.48 -2.39	108.86 7.25 -13.19	112.73 7.47 -14.19	104.48 7.16 -8.90	96.69 6.26 -6.93	79.53 4.10 -3.41	75.59 3.51 -0.52	75.18 2.93 -0.90
NYPA__ASTORIA_CC1 323568	65.93 1.86 0.00	63.51 1.55 0.00	63.09 1.36 0.00	59.37 1.16 0.00	61.79 1.09 0.00	64.61 1.39 0.00	73.86 2.49 -0.32	77.63 3.72 -2.35	77.92 4.38 -1.75	75.34 3.99 0.00	73.06 3.48 0.00	65.05 3.39 0.00	62.25 3.24 0.00	64.71 3.25 0.00	70.74 3.81 0.00	73.66 4.17 0.00	79.99 5.34 -0.55	107.39 7.08 -11.90	111.24 7.37 -12.80	102.61 6.98 -7.21	94.40 6.09 -4.82	77.47 3.96 -1.49	75.52 3.44 -0.52	75.11 2.86 -0.90
NYPA__ASTORIA_CC2 323569	65.93 1.86 0.00	63.51 1.55 0.00	63.09 1.36 0.00	59.37 1.16 0.00	61.79 1.09 0.00	64.61 1.39 0.00	73.86 2.49 -0.32	77.63 3.72 -2.35	77.92 4.38 -1.75	75.34 3.99 0.00	73.06 3.48 0.00	65.05 3.39 0.00	62.25 3.24 0.00	64.71 3.25 0.00	70.74 3.81 0.00	73.66 4.17 0.00	79.99 5.34 -0.55	107.39 7.08 -11.90	111.24 7.37 -12.80	102.61 6.98 -7.21	94.40 6.09 -4.82	77.47 3.96 -1.49	75.52 3.44 -0.52	75.11 2.86 -0.90
NYPA__HOLTSVILL 23794	68.04 3.97 0.00	65.62 3.65 0.00	65.06 3.33 0.00	61.40 3.20 0.00	63.85 3.15 0.00	66.76 3.54 0.00	85.79 5.18 -9.54	105.66 6.30 -27.81	102.56 6.82 -23.95	84.70 6.06 -7.30	75.91 5.50 -0.84	66.53 4.87 0.00	63.49 4.48 0.00	66.06 4.61 0.00	72.54 5.62 0.00	89.96 5.84 -14.63	111.28 7.27 -29.91	132.56 9.28 -34.86	138.03 9.38 -37.58	114.10 9.02 -16.66	112.41 7.94 -20.98	102.00 5.83 -24.15	102.16 5.16 -25.44	96.38 4.78 -20.25
NYPA__HELLGATE_GT1 24158	65.93 1.86 0.00	63.45 1.48 0.00	63.03 1.30 0.00	59.19 0.99 0.00	61.61 0.91 0.00	64.29 1.07 0.00	73.51 2.13 -0.32	77.34 3.43 -2.35	77.62 4.09 -1.74	75.04 3.71 0.01	72.84 3.27 0.01	64.92 3.27 0.01	62.06 3.07 0.01	64.58 3.13 0.01	70.53 3.61 0.01	73.44 3.96 0.01	79.76 5.11 -0.54	107.12 6.81 -11.89	110.87 7.01 -12.79	102.26 6.63 -7.20	94.14 5.84 -4.81	77.24 3.74 -1.48	75.45 3.36 -0.52	75.11 2.86 -0.90
NYPA__HELLGATE_GT2 24159	65.93 1.86 0.00	63.45 1.48 0.00	63.03 1.30 0.00	59.19 0.99 0.00	61.61 0.91 0.00	64.29 1.07 0.00	73.51 2.13 -0.32	77.34 3.43 -2.35	77.62 4.09 -1.74	75.04 3.71 0.01	72.84 3.27 0.01	64.92 3.27 0.01	62.06 3.07 0.01	64.58 3.13 0.01	70.53 3.61 0.01	73.44 3.96 0.01	79.76 5.11 -0.54	107.12 6.81 -11.89	110.87 7.01 -12.79	102.26 6.63 -7.20	94.14 5.84 -4.81	77.24 3.74 -1.48	75.45 3.36 -0.52	75.11 2.86 -0.90
NYS_BARGE__HYD 23848	58.56 -5.51 0.00	56.45 -5.51 0.00	56.67 -5.06 0.00	53.37 -4.83 0.00	56.02 -4.67 0.00	58.41 -4.81 0.00	65.44 -5.61 0.00	64.55 -7.01 0.00	64.32 -7.47 0.00	63.28 -8.06 0.00	62.06 -7.52 0.00	55.12 -6.54 0.00	52.45 -6.55 0.00	55.12 -6.33 0.00	58.89 -8.03 0.00	61.98 -7.51 0.00	65.88 -8.23 0.00	82.50 -7.96 -2.04	85.17 -7.74 -1.85	80.55 -7.87 0.00	75.56 -7.93 0.00	65.90 -6.12 0.00	65.70 -5.87 0.00	66.07 -5.28 0.00

OAK ORCHARD___HYD 24046	60.67 -3.40 0.00	58.49 -3.47 0.00	58.65 -3.08 0.00	55.24 -2.97 0.00	57.91 -2.79 0.00	60.44 -2.78 0.00	68.00 -3.05 0.00	68.05 -3.50 0.00	68.05 -3.74 0.00	67.13 -4.21 0.00	65.68 -3.89 0.00	58.15 -3.51 0.00	55.40 -3.60 0.00	58.01 -3.44 0.00	62.50 -4.42 0.00	65.53 -3.96 0.00	69.96 -4.15 0.00	86.68 -3.45 -1.71	89.52 -3.10 -1.55	84.97 -3.45 0.00	79.73 -3.76 0.00	69.06 -2.96 0.00	68.56 -3.00 0.00	68.50 -2.86 0.00
OAKDALE___35_KV_LOAD 356122	63.04 -1.03 0.00	61.09 -0.87 0.00	60.93 -0.80 0.00	57.39 -0.81 0.00	59.97 -0.73 0.00	62.46 -0.76 0.00	70.64 -0.57 -0.15	72.04 -0.64 -1.13	72.05 -0.57 -0.84	70.49 -0.86 0.00	68.60 -0.97 0.00	60.74 -0.92 0.00	58.00 -1.00 0.00	60.53 -0.92 0.00	65.79 -1.14 0.00	68.51 -0.97 0.00	73.85 -0.52 -0.26	93.51 0.35 -4.74	96.97 0.64 -5.26	92.13 0.27 -3.45	85.88 0.08 -2.30	73.24 0.50 -0.71	71.53 -0.29 -0.25	71.57 -0.21 -0.43
OCC_CHEM___DRP 24175	58.05 -6.02 0.00	56.14 -5.82 0.00	56.36 -5.37 0.00	53.08 -5.12 0.00	55.72 -4.98 0.00	58.10 -5.12 0.00	64.45 -6.61 0.00	63.54 -8.01 0.00	63.39 -8.40 0.00	62.35 -8.99 0.00	61.16 -8.42 0.00	54.51 -7.15 0.00	51.75 -7.26 0.00	54.26 -7.19 0.00	58.42 -8.50 0.00	61.08 -8.41 0.00	64.84 -9.26 0.00	81.21 -9.28 -2.08	83.75 -9.20 -1.88	78.52 -9.90 0.00	74.47 -9.02 0.00	66.40 -5.62 0.00	64.77 -6.80 0.00	64.57 -6.78 0.00
OH_GEN_PROXY 24063	58.43 -5.64 0.00	56.32 -5.64 0.00	56.55 -5.19 0.00	53.26 -4.95 0.00	55.90 -4.80 0.00	56.50 -4.93 1.79	65.16 -5.90 0.00	59.30 -7.22 5.03	63.73 -7.61 0.45	59.00 -8.13 4.21	62.00 -7.58 0.00	55.00 -6.66 0.00	52.34 -6.67 0.00	55.00 -6.45 0.00	58.89 -8.03 0.00	61.84 -7.64 0.00	65.73 -8.37 0.00	82.28 -8.22 -2.09	84.85 -8.11 -1.89	80.20 -8.22 0.00	75.31 -8.18 0.00	65.68 -6.34 0.00	65.41 -6.16 0.00	65.79 -5.57 0.00
OLIN_CORP_DRP 24177	57.66 -6.41 0.00	55.70 -6.26 0.00	55.93 -5.80 0.00	52.67 -5.53 0.00	55.29 -5.40 0.00	57.65 -5.56 0.00	64.45 -6.61 0.00	63.54 -8.01 0.00	63.32 -8.47 0.00	62.28 -9.06 0.00	61.02 -8.56 0.00	54.45 -7.21 0.00	51.69 -7.32 0.00	54.20 -7.25 0.00	58.36 -8.57 0.00	61.01 -8.48 0.00	64.84 -9.26 0.00	81.15 -9.37 -2.10	83.68 -9.29 -1.91	78.61 -9.81 0.00	74.47 -9.02 0.00	66.40 -5.62 0.00	64.77 -6.80 0.00	64.57 -6.78 0.00
OLIN_CORP_DSASP 323712	58.24 -5.83 0.00	56.13 -5.83 0.00	56.36 -5.37 0.00	53.08 -5.12 0.00	55.72 -4.98 0.00	58.10 -5.12 0.00	64.45 -6.61 0.00	63.54 -8.01 0.00	63.39 -8.40 0.00	62.35 -8.99 0.00	61.23 -8.35 0.00	54.38 -7.28 0.00	51.74 -7.26 0.00	54.39 -7.06 0.00	58.16 -8.76 0.00	61.08 -8.41 0.00	64.84 -9.27 0.00	81.21 -9.28 -2.08	83.75 -9.19 -1.88	79.14 -9.28 0.00	74.39 -9.10 0.00	64.89 -7.13 0.00	64.77 -6.80 0.00	65.14 -6.21 0.00
ONEIDA_HERK_LFGE 323681	65.42 1.35 0.00	63.20 1.24 0.00	62.97 1.23 0.00	59.43 1.22 0.00	62.03 1.33 0.00	64.73 1.51 0.00	72.98 1.92 0.00	73.63 2.08 0.00	73.73 1.94 0.00	73.13 1.78 0.00	71.18 1.60 0.00	62.83 1.17 0.00	60.12 1.12 0.00	62.68 1.23 0.00	68.26 1.34 0.00	71.01 1.53 0.00	76.26 2.15 0.00	91.60 3.18 0.00	94.53 3.46 0.00	91.87 3.44 0.00	86.58 3.09 0.00	74.47 2.45 0.00	73.92 2.36 0.00	73.64 2.28 0.00
ONEIDA___115KV_TB4 55905	65.22 1.15 0.00	63.08 1.12 0.00	62.91 1.17 0.00	59.31 1.11 0.00	61.97 1.27 0.00	64.73 1.52 0.00	73.12 2.06 0.00	73.77 2.22 0.00	74.01 2.23 0.00	73.27 1.93 0.00	71.32 1.74 0.00	63.02 1.36 0.00	60.24 1.24 0.00	62.86 1.41 0.00	68.46 1.54 0.00	71.22 1.74 0.00	76.48 2.37 0.00	91.96 3.54 0.00	94.89 3.82 0.00	91.96 3.54 0.00	86.75 3.26 0.00	74.83 2.81 0.00	73.86 2.29 0.00	73.56 2.21 0.00
ONONDAGA_REF_OCCRA 23987	62.15 -1.92 0.00	60.16 -1.80 0.00	59.94 -1.79 0.00	56.51 -1.69 0.00	59.06 -1.64 0.00	61.57 -1.64 0.00	69.49 -1.56 0.00	70.12 -1.43 0.00	70.35 -1.44 0.00	69.70 -1.64 0.00	67.84 -1.74 0.00	60.12 -1.54 0.00	57.41 -1.59 0.00	59.92 -1.54 0.00	65.12 -1.81 0.00	67.82 -1.67 0.00	72.77 -1.33 0.00	89.14 -0.80 -1.52	91.90 -0.55 -1.38	87.54 -0.88 0.00	82.57 -0.92 0.00	71.52 -0.50 0.00	70.35 -1.22 0.00	70.00 -1.36 0.00
ONONDAGA___COGEN 23986	61.89 -2.18 0.00	59.85 -2.11 0.00	59.70 -2.04 0.00	56.28 -1.92 0.00	58.81 -1.88 0.00	61.26 -1.96 0.00	69.14 -1.92 0.00	69.77 -1.79 0.00	69.99 -1.79 0.00	69.34 -2.00 0.00	67.49 -2.09 0.00	59.81 -1.85 0.00	57.18 -1.83 0.00	59.61 -1.84 0.00	64.78 -2.14 0.00	67.47 -2.02 0.00	72.33 -1.78 0.00	87.09 -1.33 0.00	89.97 -1.09 0.00	87.01 -1.41 0.00	82.07 -1.42 0.00	71.16 -0.86 0.00	69.99 -1.57 0.00	69.64 -1.71 0.00
ONTARIO___LFGE 23819	62.34 -1.73 0.00	60.23 -1.73 0.00	60.19 -1.54 0.00	56.69 -1.51 0.00	59.42 -1.28 0.00	62.01 -1.20 0.00	70.21 -0.85 0.00	70.48 -1.07 0.00	70.50 -1.29 0.00	69.56 -1.78 0.00	67.70 -1.88 0.00	59.81 -1.85 0.00	57.06 -1.95 0.00	59.67 -1.78 0.00	64.58 -2.34 0.00	67.68 -1.81 0.00	72.85 -1.26 0.00	90.52 0.09 -2.01	93.25 0.37 -1.82	88.69 0.27 0.00	83.32 -0.17 0.00	71.95 -0.07 0.00	71.07 -0.50 0.00	71.00 -0.35 0.00
ORANGEVILLE_WT_PWR 323706	60.03 -4.03 0.00	57.75 -4.22 0.00	57.91 -3.83 0.00	54.48 -3.73 0.00	57.06 -3.64 0.00	59.49 -3.73 0.00	66.95 -4.19 -0.08	66.78 -5.37 -0.59	66.20 -6.03 -0.44	64.56 -6.78 0.00	63.03 -6.54 0.00	55.86 -5.80 0.00	53.22 -5.78 0.00	55.80 -5.65 0.00	59.90 -7.03 0.00	63.16 -6.32 0.00	68.02 -6.22 -0.14	85.74 -5.30 -2.62	89.12 -4.83 -2.88	85.28 -4.95 -1.81	79.77 -4.93 -1.21	68.72 -3.67 -0.37	67.97 -3.72 -0.13	68.51 -3.07 -0.23
ORANGEVILLE___ESR 323794	60.03 -4.03 0.00	57.75 -4.22 0.00	57.91 -3.83 0.00	54.48 -3.73 0.00	57.06 -3.64 0.00	59.49 -3.73 0.00	66.95 -4.19 -0.08	66.78 -5.37 -0.59	66.20 -6.03 -0.44	64.56 -6.78 0.00	63.03 -6.54 0.00	55.86 -5.80 0.00	53.22 -5.78 0.00	55.80 -5.65 0.00	59.90 -7.03 0.00	63.16 -6.32 0.00	68.02 -6.22 -0.14	85.74 -5.30 -2.62	89.12 -4.83 -2.88	85.28 -4.95 -1.81	79.77 -4.93 -1.21	68.72 -3.67 -0.37	67.97 -3.72 -0.13	68.51 -3.07 -0.23
OSWEGATCHIE___HYD 24044	65.35 1.28 0.00	63.08 1.12 0.00	62.85 1.11 0.00	59.37 1.16 0.00	61.66 0.97 0.00	64.10 0.88 0.00	71.77 0.71 0.00	71.92 0.36 0.00	71.72 -0.07 0.00	71.63 0.29 0.00	69.86 0.28 0.00	61.60 -0.06 0.00	59.30 0.30 0.00	61.51 0.06 0.00	66.99 0.07 0.00	69.35 -0.14 0.00	73.81 -0.30 0.00	87.89 -0.53 0.00	90.33 -0.73 0.00	88.24 -0.18 0.00	83.57 0.08 0.00	72.53 0.51 0.00	72.57 1.00 0.00	72.70 1.35 0.00
OSWEGO___5 23606	61.44 -2.63 0.00	59.42 -2.54 0.00	59.26 -2.47 0.00	55.87 -2.33 0.00	58.33 -2.37 0.00	60.75 -2.47 0.00	68.43 -2.63 0.00	68.98 -2.57 0.00	69.21 -2.58 0.00	68.56 -2.78 0.00	66.79 -2.79 0.00	59.19 -2.47 0.00	56.58 -2.42 0.00	59.05 -2.40 0.00	64.11 -2.81 0.00	66.78 -2.71 0.00	71.44 -2.66 0.00	85.85 -2.57 0.00	88.61 -2.45 0.00	85.85 -2.57 0.00	80.90 -2.59 0.00	69.71 -2.31 0.00	69.13 -2.43 0.00	68.93 -2.43 0.00

OSWEGO___6 23613	61.44 -2.63 0.00	59.42 -2.54 0.00	59.26 -2.47 0.00	55.87 -2.33 0.00	58.33 -2.37 0.00	60.75 -2.47 0.00	68.43 -2.63 0.00	68.98 -2.57 0.00	69.21 -2.58 0.00	68.56 -2.78 0.00	66.79 -2.79 0.00	59.19 -2.47 0.00	56.58 -2.42 0.00	59.05 -2.40 0.00	64.11 -2.81 0.00	66.78 -2.71 0.00	71.44 -2.66 0.00	85.85 -2.57 0.00	88.61 -2.45 0.00	85.85 -2.57 0.00	80.90 -2.59 0.00	69.71 -2.31 0.00	69.13 -2.43 0.00	68.93 -2.43 0.00
OUTOKUMPU-AB___DRP 24206	59.14 -4.93 0.00	57.19 -4.77 0.00	57.35 -4.38 0.00	54.01 -4.19 0.00	56.69 -4.01 0.00	59.11 -4.11 0.00	66.37 -4.69 0.00	65.47 -6.08 0.00	65.25 -6.53 0.00	64.14 -7.21 0.00	62.83 -6.75 0.00	55.99 -5.67 0.00	53.22 -5.78 0.00	55.74 -5.71 0.00	60.03 -6.89 0.00	62.75 -6.74 0.00	66.55 -7.56 0.00	83.47 -7.07 -2.13	86.16 -6.83 -1.93	80.46 -7.96 0.00	76.23 -7.26 0.00	67.84 -4.18 0.00	66.41 -5.15 0.00	66.22 -5.14 0.00
OXBOW___BTM 323836	58.62 -5.45 0.00	56.51 -5.45 0.00	56.73 -5.00 0.00	53.43 -4.77 0.00	56.02 -4.67 0.00	58.41 -4.81 0.00	65.23 -5.83 0.00	64.40 -7.15 0.00	64.11 -7.68 0.00	63.07 -8.27 0.00	61.85 -7.73 0.00	55.00 -6.66 0.00	52.34 -6.67 0.00	55.00 -6.45 0.00	58.76 -8.17 0.00	61.77 -7.72 0.00	65.51 -8.60 0.00	82.21 -8.31 -2.10	84.87 -8.11 -1.90	79.93 -8.49 0.00	75.06 -8.43 0.00	65.47 -6.55 0.00	65.41 -6.16 0.00	65.79 -5.57 0.00
OXBOW____ 24026	58.43 -5.64 0.00	56.51 -5.45 0.00	56.73 -5.00 0.00	53.43 -4.77 0.00	56.02 -4.67 0.00	58.41 -4.80 0.00	65.23 -5.83 0.00	64.33 -7.23 0.00	64.18 -7.61 0.00	63.07 -8.28 0.00	61.85 -7.72 0.00	55.12 -6.54 0.00	52.40 -6.61 0.00	54.88 -6.58 0.00	59.09 -7.83 0.00	61.77 -7.71 0.00	65.51 -8.60 0.00	82.12 -8.40 -2.10	84.77 -8.20 -1.90	79.31 -9.11 0.00	75.14 -8.35 0.00	66.98 -5.04 0.00	65.41 -6.15 0.00	65.22 -6.14 0.00
OXY_CHEM_DSASP 323612	58.05 -6.02 0.00	56.14 -5.82 0.00	56.36 -5.37 0.00	53.08 -5.12 0.00	55.72 -4.98 0.00	58.10 -5.12 0.00	64.45 -6.61 0.00	63.54 -8.01 0.00	63.39 -8.40 0.00	62.35 -8.99 0.00	61.16 -8.42 0.00	54.51 -7.15 0.00	51.75 -7.26 0.00	54.26 -7.19 0.00	58.42 -8.50 0.00	61.08 -8.41 0.00	64.84 -9.26 0.00	81.21 -9.28 -2.08	83.75 -9.20 -1.88	78.52 -9.90 0.00	74.47 -9.02 0.00	66.40 -5.62 0.00	64.77 -6.80 0.00	64.57 -6.78 0.00
OZONE_PARK_ESR 323760	66.57 2.50 0.00	64.13 2.17 0.00	63.77 2.04 0.00	59.95 1.75 0.00	62.40 1.70 0.00	65.30 2.09 0.00	74.72 3.34 -0.32	78.49 4.58 -2.35	78.71 5.17 -1.75	76.05 4.71 0.00	73.75 4.17 0.00	65.55 3.88 0.00	62.66 3.66 0.00	65.26 3.81 0.00	71.21 4.28 0.00	74.21 4.73 0.00	80.58 5.93 -0.55	108.10 7.78 -11.90	111.97 8.10 -12.80	103.32 7.69 -7.21	95.23 6.93 -4.82	78.69 5.19 -1.49	76.23 4.15 -0.52	76.25 4.00 -0.90
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	58.05 -6.02 0.00	56.14 -5.82 0.00	56.36 -5.37 0.00	53.08 -5.12 0.00	55.72 -4.98 0.00	58.10 -5.12 0.00	64.45 -6.61 0.00	63.54 -8.01 0.00	63.39 -8.40 0.00	62.35 -8.99 0.00	61.16 -8.42 0.00	54.51 -7.15 0.00	51.75 -7.26 0.00	54.26 -7.19 0.00	58.42 -8.50 0.00	61.08 -8.41 0.00	64.84 -9.26 0.00	81.21 -9.28 -2.08	83.75 -9.20 -1.88	78.52 -9.90 0.00	74.47 -9.02 0.00	66.40 -5.62 0.00	64.77 -6.80 0.00	64.57 -6.78 0.00
PACKARD__115KV_DUPONT_184 80571	58.05 -6.02 0.00	56.14 -5.82 0.00	56.36 -5.37 0.00	53.08 -5.12 0.00	55.72 -4.98 0.00	58.10 -5.12 0.00	64.45 -6.61 0.00	63.54 -8.01 0.00	63.39 -8.40 0.00	62.35 -8.99 0.00	61.16 -8.42 0.00	54.51 -7.15 0.00	51.75 -7.26 0.00	54.26 -7.19 0.00	58.42 -8.50 0.00	61.08 -8.41 0.00	64.84 -9.26 0.00	81.21 -9.28 -2.08	83.75 -9.20 -1.88	78.52 -9.90 0.00	74.47 -9.02 0.00	66.40 -5.62 0.00	64.77 -6.80 0.00	64.57 -6.78 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	66.05 1.99 0.00	63.51 1.55 0.00	63.09 1.36 0.00	59.25 1.05 0.00	61.67 0.97 0.00	64.36 1.14 0.00	73.58 2.20 -0.32	77.34 3.43 -2.35	77.63 4.09 -1.75	74.98 3.64 0.00	72.78 3.20 0.00	64.68 3.02 0.00	61.95 2.95 0.00	64.40 2.95 0.00	70.20 3.28 0.00	73.24 3.75 0.00	79.62 4.97 -0.55	107.04 6.72 -11.90	110.79 6.92 -12.80	102.17 6.54 -7.21	94.15 5.84 -4.82	77.61 4.11 -1.49	75.23 3.15 -0.52	75.61 3.35 -0.90
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	66.57 2.50 0.00	64.07 2.11 0.00	63.58 1.85 0.00	59.72 1.51 0.00	62.15 1.46 0.00	64.92 1.71 0.00	74.15 2.77 -0.32	77.92 4.01 -2.35	78.21 4.67 -1.75	75.55 4.21 0.00	73.33 3.76 0.00	65.18 3.51 0.00	62.37 3.36 0.00	64.83 3.38 0.00	70.67 3.75 0.00	73.66 4.17 0.00	80.14 5.48 -0.55	107.66 7.34 -11.90	111.52 7.65 -12.80	102.88 7.25 -7.21	94.82 6.51 -4.82	78.19 4.68 -1.49	75.80 3.72 -0.52	76.18 3.92 -0.90
PATROON__115KV_TB1 80586	65.99 1.92 0.00	63.88 1.92 0.00	63.65 1.91 0.00	60.01 1.80 0.00	62.58 1.88 0.00	65.05 1.83 0.00	75.53 2.27 -2.19	90.07 2.36 -16.15	86.47 2.66 -12.03	74.05 2.71 0.00	71.94 2.37 0.00	63.82 2.16 0.00	61.01 2.01 0.00	63.54 2.09 0.00	69.13 2.21 0.00	71.71 2.22 0.00	80.46 2.59 -3.76	130.03 3.01 -38.60	143.02 3.10 -48.86	140.70 2.83 -49.45	119.12 2.59 -33.04	84.53 2.30 -10.20	77.03 1.93 -3.54	79.90 2.35 -6.19
PATTRSNVILLE__SOLAR 323815	66.56 2.50 0.00	64.50 2.54 0.00	64.26 2.53 0.00	60.59 2.39 0.00	63.19 2.49 0.00	65.81 2.59 0.00	78.00 3.27 -3.67	102.07 3.51 -27.00	95.48 3.59 -20.11	74.48 3.14 0.00	72.43 2.85 0.00	63.94 2.28 0.00	61.07 2.06 0.00	63.66 2.21 0.00	69.40 2.48 0.00	72.47 2.99 0.00	84.39 4.00 -6.29	152.04 5.22 -58.40	172.65 5.46 -76.12	176.31 5.22 -82.68	143.57 4.84 -55.24	92.96 3.89 -17.05	81.13 3.65 -5.91	85.06 3.35 -10.35
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	60.16 -3.91 0.00	58.18 -3.78 0.00	58.34 -3.40 0.00	54.89 -3.32 0.00	57.60 -3.10 0.00	59.99 -3.22 0.00	67.43 -3.62 0.00	66.19 -5.37 0.00	65.54 -6.25 0.00	64.71 -6.63 0.00	63.32 -6.26 0.00	56.48 -5.18 0.00	53.75 -5.25 0.00	56.29 -5.16 0.00	60.63 -6.29 0.00	63.51 -5.98 0.00	67.81 -6.30 0.00	85.25 -5.48 -2.31	88.06 -5.10 -2.09	82.58 -5.84 0.00	78.06 -5.43 0.00	69.21 -2.81 0.00	67.49 -4.08 0.00	67.86 -3.50 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	66.95 2.88 0.00	64.69 2.73 0.00	64.33 2.59 0.00	60.53 2.33 0.00	63.00 2.31 0.00	65.87 2.66 0.00	75.01 3.62 -0.33	78.41 4.44 -2.42	78.69 5.10 -1.80	75.69 4.35 0.00	73.47 3.90 0.00	65.24 3.58 0.00	62.43 3.42 0.00	65.02 3.56 0.00	70.94 4.02 0.00	74.00 4.52 0.00	80.45 5.78 -0.56	108.21 7.69 -12.10	112.30 8.20 -13.04	103.61 7.78 -7.41	95.45 7.01 -4.95	78.81 5.26 -1.53	76.53 4.44 -0.53	76.56 4.28 -0.93
PEEKSKILL____ 23653	65.86 1.79 0.00	63.64 1.67 0.00	63.28 1.54 0.00	59.60 1.39 0.00	62.03 1.33 0.00	64.80 1.58 0.00	73.86 2.49 -0.32	77.39 3.51 -2.33	77.54 4.02 -1.73	74.91 3.57 0.00	72.71 3.13 0.00	64.56 2.90 0.00	61.78 2.77 0.00	64.28 2.83 0.00	70.20 3.28 0.00	73.10 3.61 0.00	79.32 4.67 -0.54	106.38 6.19 -11.78	110.20 6.47 -12.67	101.74 6.19 -7.13	93.76 5.51 -4.76	77.23 3.74 -1.47	75.22 3.15 -0.51	74.96 2.71 -0.89

PGE MADISON___WINDPWR 24146	67.59 3.52 0.00	65.18 3.22 0.00	64.94 3.21 0.00	61.17 2.97 0.00	63.91 3.21 0.00	66.95 3.73 0.00	76.18 4.90 -0.22	78.61 5.44 -1.62	78.44 5.45 -1.20	76.12 4.78 0.00	73.82 4.24 0.00	64.68 3.02 0.00	61.66 2.66 0.00	64.52 3.07 0.00	70.27 3.34 0.00	73.66 4.17 0.00	80.48 6.00 -0.38	103.29 9.11 -5.76	107.96 10.29 -6.61	103.44 10.08 -4.95	95.48 8.68 -3.30	80.10 7.06 -1.02	78.50 6.58 -0.35	78.61 6.64 -0.62
PIERCEFIELD___HYD 23852	66.05 1.99 0.00	63.70 1.73 0.00	63.46 1.73 0.00	60.07 1.86 0.00	62.03 1.34 0.00	64.23 1.01 0.00	71.56 0.50 0.00	71.41 -0.14 0.00	71.14 -0.65 0.00	71.56 0.21 0.00	69.86 0.28 0.00	61.60 -0.06 0.00	59.59 0.59 0.00	61.51 0.06 0.00	67.06 0.13 0.00	69.07 -0.42 0.00	72.70 -1.41 0.00	85.68 -2.74 0.00	87.51 -3.55 0.00	86.12 -2.30 0.00	81.65 -1.84 0.00	70.80 -1.22 0.00	72.07 0.50 0.00	72.42 1.07 0.00
PINELAWN_CC_1 323563	67.59 3.52 0.00	65.24 3.28 0.00	64.76 3.02 0.00	61.11 2.91 0.00	63.55 2.85 0.00	66.38 3.16 0.00	85.29 4.69 -9.54	105.23 5.87 -27.81	102.12 6.39 -23.95	84.42 5.78 -7.30	75.70 5.29 -0.84	66.34 4.68 0.00	63.31 4.31 0.00	65.94 4.48 0.00	72.21 5.29 0.00	89.88 5.76 -14.63	111.20 7.19 -29.91	132.56 9.28 -34.86	138.25 9.65 -37.53	114.27 9.20 -16.66	112.74 8.27 -20.98	102.22 6.05 -24.15	102.37 5.37 -25.44	96.38 4.78 -20.25
PJM_GEN_HTP_PROXY 323702	66.06 1.99 0.00	63.76 1.80 0.00	63.40 1.67 0.00	59.66 1.46 0.00	62.09 1.40 0.00	64.93 1.71 0.00	74.22 2.85 -0.32	77.99 4.08 -2.35	78.20 4.66 -1.75	75.55 4.21 0.00	73.19 3.62 0.00	65.05 3.39 0.00	62.19 3.18 0.00	64.71 3.25 0.00	70.74 3.81 0.00	73.59 4.10 0.00	79.92 5.26 -0.55	107.22 6.90 -11.90	110.97 7.11 -12.80	102.44 6.81 -7.21	94.48 6.18 -4.82	77.61 4.10 -1.49	75.59 3.51 -0.52	75.25 3.00 -0.90
PJM_GEN_KEystone 24065	44.62 -1.54 17.91	43.00 -1.55 17.42	41.96 -1.48 18.29	43.03 -1.45 13.72	43.90 -1.46 15.34	47.70 -1.39 14.13	56.69 -1.21 13.16	64.12 -1.29 6.15	54.40 -1.01 16.38	51.67 -1.28 18.39	53.00 -1.39 15.19	55.30 -1.36 5.00	54.04 -1.42 3.55	56.01 -1.35 4.09	57.31 -1.67 7.94	59.40 -1.39 8.70	61.30 -0.89 11.92	74.00 0.00 14.42	74.80 0.18 16.45	66.92 0.00 21.50	63.33 -0.42 19.74	61.90 -0.72 9.40	58.70 -1.00 11.86	52.25 -0.93 18.17
PJM_GEN_NEPTUNE_PROXY 323594	66.70 2.63 0.00	64.38 2.41 0.00	63.95 2.22 0.00	60.29 2.09 0.00	62.70 2.00 0.00	65.56 2.34 0.00	79.90 3.62 -5.22	92.14 4.72 -15.86	90.56 5.24 -13.53	79.92 4.71 -3.87	74.27 4.24 -0.44	65.48 3.82 0.00	62.54 3.54 0.00	65.14 3.69 0.00	71.27 4.35 0.00	81.98 4.73 -7.77	96.17 5.93 -16.13	120.19 7.69 -24.08	124.91 7.92 -25.92	108.25 7.61 -12.22	103.73 6.85 -13.40	90.36 4.83 -13.51	89.53 4.22 -13.74	86.30 3.78 -11.17
PJM_GEN_VFT_PROXY 323633	55.38 1.47 10.16	55.38 1.24 7.82	55.38 1.11 7.46	55.44 0.99 3.75	55.38 0.85 6.17	55.44 1.20 8.98	55.44 2.27 17.89	56.26 3.51 18.80	54.63 4.09 21.25	54.63 3.64 20.35	54.09 3.13 18.62	53.82 2.96 10.80	51.82 2.83 10.02	53.78 2.89 10.56	54.63 3.34 15.63	53.32 3.68 19.85	42.42 4.81 36.50	48.00 6.37 46.79	47.87 6.56 49.76	42.38 6.28 52.32	38.52 5.59 50.56	45.33 3.53 30.22	50.96 2.87 23.47	54.94 2.35 18.76
PLATSBURG_115KV_PMLD1 355749	66.44 2.37 0.00	64.01 2.04 0.00	63.77 2.04 0.00	60.01 1.80 0.00	62.27 1.58 0.00	64.80 1.58 0.00	71.41 0.36 0.00	71.06 -0.50 0.00	70.64 -1.15 0.00	70.41 -0.93 0.00	68.60 -0.97 0.00	60.49 -1.17 0.00	58.18 -0.83 0.00	60.41 -1.04 0.00	65.85 -1.07 0.00	68.31 -1.18 0.00	72.18 -1.93 0.00	85.06 -3.36 0.00	87.42 -3.64 0.00	85.59 -2.83 0.00	81.32 -2.17 0.00	70.29 -1.73 0.00	71.21 -0.36 0.00	72.28 0.93 0.00
PLEASANTVLY___LBMP 24000	65.99 1.92 0.00	63.76 1.80 0.00	63.46 1.73 0.00	59.72 1.51 0.00	62.21 1.52 0.00	64.92 1.71 0.00	73.95 2.56 -0.34	77.48 3.43 -2.49	77.52 3.88 -1.85	74.77 3.42 0.00	72.64 3.06 0.00	64.56 2.90 0.00	61.72 2.71 0.00	64.28 2.83 0.00	70.13 3.21 0.00	72.96 3.47 0.00	79.13 4.45 -0.58	106.71 5.84 -12.46	110.59 6.10 -13.42	101.78 5.75 -7.62	93.75 5.18 -5.09	77.55 3.96 -1.57	75.26 3.15 -0.54	75.37 3.07 -0.95
PLSNTVLE_13_KV_13.8KVDIST 80602	66.18 2.11 0.00	63.88 1.92 0.00	63.52 1.79 0.00	59.83 1.63 0.00	62.27 1.58 0.00	65.05 1.83 0.00	74.22 2.84 -0.32	77.79 3.86 -2.37	77.93 4.38 -1.76	75.27 3.92 0.00	73.13 3.55 0.00	64.93 3.27 0.00	62.07 3.07 0.00	64.65 3.20 0.00	70.54 3.61 0.00	73.45 3.96 0.00	79.70 5.04 -0.55	107.12 6.72 -11.98	110.97 7.01 -12.89	102.30 6.63 -7.25	94.26 5.93 -4.85	77.98 4.47 -1.50	75.66 3.58 -0.52	75.69 3.42 -0.91
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	66.18 2.11 0.00	63.88 1.92 0.00	63.52 1.79 0.00	59.83 1.63 0.00	62.27 1.58 0.00	65.05 1.83 0.00	74.22 2.84 -0.32	77.79 3.86 -2.37	77.93 4.38 -1.76	75.27 3.92 0.00	73.13 3.55 0.00	64.93 3.27 0.00	62.07 3.07 0.00	64.65 3.20 0.00	70.54 3.61 0.00	73.45 3.96 0.00	79.70 5.04 -0.55	107.12 6.72 -11.98	110.97 7.01 -12.89	102.30 6.63 -7.25	94.26 5.93 -4.85	77.98 4.47 -1.50	75.66 3.58 -0.52	75.69 3.42 -0.91
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	66.50 2.43 0.00	64.25 2.29 0.00	63.96 2.22 0.00	60.18 1.98 0.00	62.70 2.00 0.00	65.49 2.28 0.00	74.61 3.20 -0.36	78.14 3.94 -2.64	78.21 4.45 -1.97	75.12 3.78 0.00	72.92 3.34 0.00	64.81 3.14 0.00	62.01 3.01 0.00	64.59 3.13 0.00	70.47 3.55 0.00	73.45 3.96 0.00	79.76 5.04 -0.62	107.72 6.72 -12.58	111.75 7.01 -13.67	103.24 6.72 -8.10	94.91 6.01 -5.41	78.30 4.61 -1.67	75.87 3.72 -0.58	76.01 3.64 -1.01
POLETTI___ 23519	57.58 1.79 8.28	55.52 1.55 7.99	55.58 1.42 7.57	55.46 1.16 3.91	55.52 1.15 6.33	55.52 1.45 9.15	55.52 2.56 18.09	55.52 3.79 19.83	55.52 4.38 20.65	55.52 3.92 19.74	72.97 3.41 0.02	64.79 3.14 0.02	62.00 3.01 0.02	64.57 3.13 0.02	70.39 3.48 0.02	73.36 3.89 0.02	79.68 5.04 -0.53	92.66 6.72 2.48	92.53 6.92 5.45	86.95 6.54 8.01	83.10 5.84 6.24	77.74 4.25 -1.47	75.37 3.29 -0.52	75.54 3.28 -0.90
POMONA___ESR 323819	65.60 1.54 0.00	63.39 1.43 0.00	63.03 1.30 0.00	59.37 1.16 0.00	61.79 1.09 0.00	64.55 1.33 0.00	73.64 2.27 -0.31	77.04 3.22 -2.26	77.20 3.73 -1.68	74.56 3.21 0.00	72.43 2.85 0.00	64.31 2.65 0.00	61.48 2.48 0.00	64.03 2.58 0.00	69.94 3.01 0.00	72.82 3.34 0.00	79.00 4.37 -0.53	105.71 5.83 -11.46	109.49 6.10 -12.32	101.17 5.83 -6.92	93.29 5.18 -4.62	76.90 3.46 -1.43	74.93 2.87 -0.49	74.65 2.43 -0.87
PORT_JEFF_3 23555	68.30 4.23 0.00	65.87 3.91 0.00	65.31 3.58 0.00	61.64 3.43 0.00	64.03 3.34 0.00	67.01 3.79 0.00	86.07 5.47 -9.54	105.94 6.58 -27.81	102.77 7.04 -23.95	84.99 6.35 -7.30	76.19 5.77 -0.84	66.72 5.06 0.00	63.66 4.66 0.00	66.31 4.85 0.00	72.74 5.82 0.00	90.24 6.12 -14.63	111.65 7.63 -29.91	133.10 9.81 -34.86	138.67 10.02 -37.59	114.54 9.47 -16.66	112.90 8.43 -20.98	102.29 6.12 -24.15	102.52 5.51 -25.44	96.66 5.07 -20.25

PORT_JEFF_4 23616	68.30 4.23 0.00	65.87 3.91 0.00	65.31 3.58 0.00	61.64 3.43 0.00	64.03 3.34 0.00	67.01 3.79 0.00	86.07 5.47 -9.54	105.94 6.58 -27.81	103.13 7.40 -23.95	85.34 6.70 -7.30	76.47 6.05 -0.84	67.02 5.36 0.00	63.90 4.89 0.00	66.55 5.10 0.00	73.01 6.09 0.00	90.58 6.46 -14.63	112.02 8.01 -29.91	133.71 10.43 -34.86	139.31 10.65 -37.60	115.07 9.99 -16.66	113.32 8.85 -20.98	102.72 6.55 -24.15	102.87 5.87 -25.44	97.02 5.42 -20.25
PORT_JEFF_IC 23713	68.43 4.36 0.00	66.05 4.09 0.00	65.44 3.70 0.00	61.64 3.43 0.00	64.10 3.40 0.00	67.07 3.86 0.00	86.14 5.54 -9.54	106.09 6.73 -27.81	102.98 7.25 -23.95	85.28 6.63 -7.30	76.47 6.05 -0.84	66.96 5.30 0.00	63.90 4.90 0.00	66.49 5.04 0.00	72.88 5.96 0.00	90.51 6.39 -14.63	111.95 7.93 -29.91	133.63 10.35 -34.86	139.23 10.56 -37.60	114.89 9.81 -16.66	113.32 8.85 -20.98	103.01 6.84 -24.15	102.87 5.87 -25.44	97.31 5.71 -20.25
PPL_PILGRIM_ST_GT1 24216	68.43 4.36 0.00	66.05 4.09 0.00	65.44 3.70 0.00	61.81 3.61 0.00	64.22 3.52 0.00	67.20 3.99 0.00	86.21 5.61 -9.54	106.09 6.72 -27.81	102.91 7.18 -23.95	85.13 6.49 -7.30	76.40 5.98 -0.84	66.96 5.30 0.00	63.90 4.89 0.00	66.55 5.10 0.00	73.01 6.09 0.00	90.51 6.39 -14.63	111.95 7.93 -29.91	133.18 9.90 -34.86	138.54 9.93 -37.54	114.98 9.90 -16.66	113.41 8.94 -20.98	102.87 6.70 -24.15	102.87 5.87 -25.44	97.02 5.42 -20.25
PPL_PILGRIM_ST_GT2 24217	68.43 4.36 0.00	66.05 4.09 0.00	65.44 3.70 0.00	61.81 3.61 0.00	64.22 3.52 0.00	67.20 3.99 0.00	86.21 5.61 -9.54	106.09 6.72 -27.81	102.91 7.18 -23.95	85.13 6.49 -7.30	76.40 5.98 -0.84	66.96 5.30 0.00	63.90 4.89 0.00	66.55 5.10 0.00	73.01 6.09 0.00	90.51 6.39 -14.63	111.95 7.93 -29.91	133.18 9.90 -34.86	138.54 9.93 -37.54	114.98 9.90 -16.66	113.41 8.94 -20.98	102.87 6.70 -24.15	102.87 5.87 -25.44	97.02 5.42 -20.25
PPL_SHRM_GT3 24213	68.43 4.36 0.00	65.99 4.03 0.00	65.44 3.70 0.00	61.75 3.55 0.00	64.15 3.46 0.00	67.14 3.92 0.00	86.29 5.69 -9.54	106.23 6.87 -27.81	103.06 7.33 -23.95	85.13 6.49 -7.30	76.26 5.85 -0.84	66.72 5.06 0.00	63.66 4.66 0.00	66.25 4.80 0.00	72.74 5.82 0.00	90.30 6.18 -14.63	111.80 7.78 -29.91	133.45 10.16 -34.86	139.12 10.47 -37.59	114.27 9.20 -16.66	112.32 7.85 -20.98	101.86 5.69 -24.15	102.37 5.37 -25.44	96.59 4.99 -20.25
PPL_SHRM_GT4 24214	68.43 4.36 0.00	65.99 4.03 0.00	65.44 3.70 0.00	61.75 3.55 0.00	64.15 3.46 0.00	67.14 3.92 0.00	86.29 5.69 -9.54	106.23 6.87 -27.81	103.06 7.33 -23.95	85.13 6.49 -7.30	76.26 5.85 -0.84	66.72 5.06 0.00	63.66 4.66 0.00	66.25 4.80 0.00	72.74 5.82 0.00	90.30 6.18 -14.63	111.80 7.78 -29.91	133.45 10.16 -34.86	139.12 10.47 -37.59	114.27 9.20 -16.66	112.32 7.85 -20.98	101.86 5.69 -24.15	102.37 5.37 -25.44	96.59 4.99 -20.25
PROJECT___ORANGE 1 24174	61.83 -2.24 0.00	59.79 -2.17 0.00	59.63 -2.10 0.00	56.22 -1.98 0.00	58.75 -1.94 0.00	61.26 -1.96 0.00	69.14 -1.92 0.00	69.77 -1.79 0.00	69.92 -1.87 0.00	69.27 -2.07 0.00	67.49 -2.09 0.00	59.81 -1.85 0.00	57.12 -1.89 0.00	59.61 -1.84 0.00	64.78 -2.14 0.00	67.47 -2.02 0.00	72.33 -1.78 0.00	87.09 -1.33 0.00	89.97 -1.09 0.00	86.92 -1.50 0.00	81.99 -1.50 0.00	71.08 -0.94 0.00	69.92 -1.65 0.00	69.57 -1.78 0.00
PROJECT___ORANGE 2 24166	61.83 -2.24 0.00	59.79 -2.17 0.00	59.63 -2.10 0.00	56.22 -1.98 0.00	58.75 -1.94 0.00	61.26 -1.96 0.00	69.14 -1.92 0.00	69.77 -1.79 0.00	69.92 -1.87 0.00	69.27 -2.07 0.00	67.49 -2.09 0.00	59.81 -1.85 0.00	57.12 -1.89 0.00	59.61 -1.84 0.00	64.78 -2.14 0.00	67.47 -2.02 0.00	72.33 -1.78 0.00	87.09 -1.33 0.00	89.97 -1.09 0.00	86.92 -1.50 0.00	81.99 -1.50 0.00	71.08 -0.94 0.00	69.92 -1.65 0.00	69.57 -1.78 0.00
PUCKETT___SOLAR 323809	64.33 0.26 0.00	62.27 0.31 0.00	62.11 0.37 0.00	58.50 0.29 0.00	61.12 0.43 0.00	63.72 0.50 0.00	72.24 0.99 -0.19	74.14 1.22 -1.37	73.95 1.15 -1.02	72.13 0.79 0.00	70.07 0.49 0.00	61.85 0.19 0.00	59.06 0.06 0.00	61.70 0.25 0.00	67.06 0.13 0.00	70.04 0.55 0.00	75.83 1.40 -0.32	96.60 2.83 -5.35	100.46 3.37 -6.02	95.70 3.09 -4.19	88.62 2.33 -2.80	74.75 1.87 -0.86	73.30 1.43 -0.30	73.44 1.57 -0.52
PYRITES___HYD 24023	67.14 3.08 0.00	64.69 2.73 0.00	64.45 2.72 0.00	61.05 2.85 0.00	63.18 2.49 0.00	65.62 2.40 0.00	73.19 2.13 0.00	72.92 1.36 0.00	72.65 0.86 0.00	72.91 1.57 0.00	71.18 1.60 0.00	62.65 0.99 0.00	60.60 1.59 0.00	62.56 1.11 0.00	68.26 1.34 0.00	70.46 0.97 0.00	74.40 0.30 0.00	87.71 -0.71 0.00	89.70 -1.37 0.00	88.15 -0.27 0.00	83.57 0.08 0.00	72.31 0.29 0.00	73.50 1.93 0.00	73.78 2.43 0.00
QUAKERRD_115KV_BK1 80622	59.65 -4.42 0.00	57.62 -4.34 0.00	57.72 -4.01 0.00	54.36 -3.84 0.00	56.99 -3.70 0.00	59.49 -3.73 0.00	66.94 -4.12 0.00	67.12 -4.44 0.00	67.19 -4.59 0.00	66.35 -4.99 0.00	64.85 -4.73 0.00	57.47 -4.19 0.00	54.76 -4.25 0.00	57.21 -4.24 0.00	61.97 -4.95 0.00	64.69 -4.79 0.00	69.14 -4.97 0.00	85.48 -4.60 -1.66	88.29 -4.28 -1.50	83.29 -5.13 0.00	78.73 -4.76 0.00	68.85 -3.17 0.00	67.56 -4.01 0.00	67.14 -4.21 0.00
QUEENSBRY_115KV_TB8 356137	68.81 4.74 0.00	66.61 4.65 0.00	66.42 4.69 0.00	62.63 4.42 0.00	65.31 4.61 0.00	68.02 4.80 0.00	80.49 5.97 -3.47	103.30 6.23 -25.52	97.10 6.32 -19.00	77.26 5.92 0.00	75.21 5.64 0.00	66.16 4.50 0.00	63.13 4.13 0.00	65.81 4.36 0.00	71.81 4.89 0.00	75.25 5.77 0.00	86.94 6.89 -5.94	152.88 8.67 -55.79	172.47 8.92 -72.48	175.13 8.58 -78.13	143.79 8.10 -52.20	95.12 6.99 -16.12	83.74 6.58 -5.59	87.27 6.14 -9.78
RAMAPO___LBMP 323565	65.54 1.47 0.00	63.26 1.30 0.00	62.91 1.17 0.00	59.25 1.05 0.00	61.67 0.97 0.00	64.42 1.20 0.00	73.42 2.06 -0.31	76.81 3.01 -2.25	76.98 3.52 -1.68	74.41 3.07 0.00	72.22 2.64 0.00	64.13 2.47 0.00	61.36 2.36 0.00	63.91 2.46 0.00	69.73 2.81 0.00	72.61 3.13 0.00	78.71 4.08 -0.52	105.32 5.48 -11.42	109.08 5.74 -12.28	100.70 5.39 -6.89	92.93 4.84 -4.60	76.97 3.53 -1.42	74.78 2.72 -0.49	74.78 2.57 -0.86
RANKINE____ 23646	59.78 -4.29 0.00	57.75 -4.21 0.00	57.91 -3.83 0.00	54.54 -3.67 0.00	57.18 -3.52 0.00	59.61 -3.60 0.00	66.87 -4.19 0.00	65.90 -5.65 0.00	65.54 -6.25 0.00	64.42 -6.92 0.00	63.11 -6.47 0.00	56.23 -5.43 0.00	53.46 -5.55 0.00	56.04 -5.41 0.00	60.36 -6.56 0.00	63.16 -6.32 0.00	67.36 -6.74 0.00	84.65 -6.01 -2.24	87.45 -5.65 -2.03	82.05 -6.37 0.00	77.64 -5.84 0.00	69.00 -3.02 0.00	67.27 -4.29 0.00	67.21 -4.14 0.00
RAVENSWOOD_GT2_1 24244	66.05 1.99 0.00	63.76 1.80 0.00	63.34 1.61 0.00	59.60 1.40 0.00	62.03 1.34 0.00	64.86 1.64 0.00	74.15 2.77 -0.32	77.85 3.94 -2.35	78.06 4.52 -1.75	75.41 4.07 0.00	73.20 3.62 0.00	64.99 3.33 0.00	62.19 3.19 0.00	64.71 3.26 0.00	70.60 3.68 0.00	73.59 4.10 0.00	79.92 5.26 -0.55	107.22 6.90 -11.90	111.06 7.19 -12.80	102.44 6.81 -7.21	94.40 6.09 -4.82	77.97 4.47 -1.49	75.59 3.51 -0.52	75.68 3.42 -0.90

RAVENSWOOD_GT2_2 24245	66.05 1.99 0.00	63.76 1.80 0.00	63.34 1.61 0.00	59.60 1.40 0.00	62.03 1.34 0.00	64.86 1.64 0.00	74.15 2.77 -0.32	77.85 3.94 -2.35	78.06 4.52 -1.75	75.41 4.07 0.00	73.20 3.62 0.00	64.99 3.33 0.00	62.19 3.19 0.00	64.71 3.26 0.00	70.60 3.68 0.00	73.59 4.10 0.00	79.92 5.26 -0.55	107.22 6.90 -11.90	111.06 7.19 -12.80	102.44 6.81 -7.21	94.40 6.09 -4.82	77.97 4.47 -1.49	75.59 3.51 -0.52	75.68 3.42 -0.90
RAVENSWOOD_GT2_3 24246	66.12 2.05 0.00	63.76 1.80 0.00	63.40 1.67 0.00	59.60 1.40 0.00	62.03 1.34 0.00	64.92 1.71 0.00	74.15 2.77 -0.32	77.92 4.01 -2.35	78.13 4.59 -1.75	75.48 4.14 0.00	73.20 3.62 0.00	65.05 3.39 0.00	62.25 3.25 0.00	64.77 3.32 0.00	70.60 3.68 0.00	73.59 4.10 0.00	79.92 5.26 -0.55	107.30 6.99 -11.90	111.06 7.19 -12.80	102.44 6.81 -7.21	94.48 6.18 -4.82	78.04 4.54 -1.49	75.66 3.58 -0.52	75.68 3.42 -0.90
RAVENSWOOD_GT2_4 24247	66.12 2.05 0.00	63.76 1.80 0.00	63.40 1.67 0.00	59.60 1.40 0.00	62.03 1.34 0.00	64.92 1.71 0.00	74.15 2.77 -0.32	77.92 4.01 -2.35	78.13 4.59 -1.75	75.48 4.14 0.00	73.20 3.62 0.00	65.05 3.39 0.00	62.25 3.25 0.00	64.77 3.32 0.00	70.60 3.68 0.00	73.59 4.10 0.00	79.92 5.26 -0.55	107.30 6.99 -11.90	111.06 7.19 -12.80	102.44 6.81 -7.21	94.48 6.18 -4.82	78.04 4.54 -1.49	75.66 3.58 -0.52	75.68 3.42 -0.90
RAVENSWOOD_GT3_1 24248	66.12 2.05 0.00	63.76 1.80 0.00	63.34 1.61 0.00	59.60 1.40 0.00	62.03 1.34 0.00	64.86 1.64 0.00	74.15 2.77 -0.32	77.85 3.94 -2.35	78.06 4.52 -1.75	75.48 4.14 0.00	73.20 3.62 0.00	64.99 3.33 0.00	62.19 3.19 0.00	64.71 3.26 0.00	70.60 3.68 0.00	73.59 4.10 0.00	79.92 5.26 -0.55	107.30 6.99 -11.90	111.06 7.19 -12.80	102.44 6.81 -7.21	94.40 6.09 -4.82	77.97 4.47 -1.49	75.59 3.51 -0.52	75.68 3.42 -0.90
RAVENSWOOD_GT3_2 24249	66.12 2.05 0.00	63.76 1.80 0.00	63.34 1.61 0.00	59.60 1.40 0.00	62.03 1.34 0.00	64.86 1.64 0.00	74.15 2.77 -0.32	77.85 3.94 -2.35	78.06 4.52 -1.75	75.48 4.14 0.00	73.20 3.62 0.00	64.99 3.33 0.00	62.19 3.19 0.00	64.71 3.26 0.00	70.60 3.68 0.00	73.59 4.10 0.00	79.92 5.26 -0.55	107.30 6.99 -11.90	111.06 7.19 -12.80	102.44 6.81 -7.21	94.40 6.09 -4.82	77.97 4.47 -1.49	75.59 3.51 -0.52	75.68 3.42 -0.90
RAVENSWOOD_GT3_3 24250	66.18 2.11 0.00	63.82 1.86 0.00	63.40 1.67 0.00	59.66 1.46 0.00	62.09 1.40 0.00	64.92 1.71 0.00	74.22 2.84 -0.32	77.99 4.08 -2.35	78.21 4.67 -1.75	75.55 4.21 0.00	73.27 3.69 0.00	65.11 3.45 0.00	62.31 3.30 0.00	64.83 3.38 0.00	70.67 3.75 0.00	73.66 4.17 0.00	79.99 5.34 -0.55	107.39 7.07 -11.90	111.15 7.29 -12.80	102.61 6.99 -7.21	94.57 6.26 -4.82	78.12 4.61 -1.49	75.73 3.65 -0.52	75.75 3.50 -0.90
RAVENSWOOD_GT3_4 24251	66.18 2.11 0.00	63.82 1.86 0.00	63.40 1.67 0.00	59.66 1.46 0.00	62.09 1.40 0.00	64.92 1.71 0.00	74.22 2.84 -0.32	77.99 4.08 -2.35	78.21 4.67 -1.75	75.55 4.21 0.00	73.27 3.69 0.00	65.11 3.45 0.00	62.31 3.30 0.00	64.83 3.38 0.00	70.67 3.75 0.00	73.66 4.17 0.00	79.99 5.34 -0.55	107.39 7.07 -11.90	111.15 7.29 -12.80	102.61 6.99 -7.21	94.57 6.26 -4.82	78.12 4.61 -1.49	75.73 3.65 -0.52	75.75 3.50 -0.90
RAVENSWOOD_GT_1 23729	66.12 2.05 0.00	63.63 1.67 0.00	63.28 1.54 0.00	59.42 1.22 0.00	61.91 1.21 0.00	64.73 1.52 0.00	74.01 2.63 -0.32	77.85 3.94 -2.35	78.06 4.52 -1.75	75.48 4.14 0.00	73.20 3.62 0.00	65.46 3.45 -0.35	62.70 3.30 -0.39	65.15 3.32 -0.38	70.60 3.68 0.00	73.66 4.17 0.00	81.91 5.41 -2.39	108.86 7.25 -13.19	112.73 7.47 -14.19	104.39 7.07 -8.90	96.77 6.35 -6.93	80.04 4.61 -3.41	75.59 3.51 -0.52	75.68 3.42 -0.90
RAVENSWOOD_GT_10 24258	66.12 2.05 0.00	63.76 1.80 0.00	63.34 1.61 0.00	59.60 1.40 0.00	62.03 1.34 0.00	64.92 1.71 0.00	74.15 2.77 -0.32	77.85 3.94 -2.35	78.06 4.52 -1.75	75.48 4.14 0.00	73.20 3.62 0.00	64.99 3.33 0.00	62.19 3.19 0.00	64.71 3.26 0.00	70.60 3.68 0.00	73.59 4.10 0.00	79.92 5.26 -0.55	107.22 6.90 -11.90	111.06 7.19 -12.80	102.44 6.81 -7.21	94.40 6.09 -4.82	77.97 4.47 -1.49	75.59 3.51 -0.52	75.68 3.42 -0.90
RAVENSWOOD_GT_11 24259	66.12 2.05 0.00	63.76 1.80 0.00	63.34 1.61 0.00	59.60 1.40 0.00	62.03 1.34 0.00	64.92 1.71 0.00	74.15 2.77 -0.32	77.85 3.94 -2.35	78.06 4.52 -1.75	75.48 4.14 0.00	73.20 3.62 0.00	64.99 3.33 0.00	62.19 3.19 0.00	64.71 3.26 0.00	70.60 3.68 0.00	73.59 4.10 0.00	79.92 5.26 -0.55	107.22 6.90 -11.90	111.06 7.19 -12.80	102.44 6.81 -7.21	94.40 6.09 -4.82	77.97 4.47 -1.49	75.59 3.51 -0.52	75.68 3.42 -0.90
RAVENSWOOD_GT_4 24252	66.12 2.05 0.00	63.76 1.80 0.00	63.40 1.67 0.00	59.66 1.46 0.00	62.09 1.40 0.00	64.92 1.71 0.00	74.22 2.84 -0.32	77.92 4.01 -2.35	78.13 4.59 -1.75	75.48 4.14 0.00	73.20 3.62 0.00	65.25 3.33 -0.26	62.49 3.19 -0.30	65.00 3.26 -0.29	70.60 3.68 0.00	73.59 4.10 0.00	81.32 5.26 -1.95	108.20 6.90 -12.88	112.12 7.19 -13.86	103.73 6.81 -8.50	96.01 6.09 -6.43	79.43 4.47 -2.95	75.66 3.58 -0.52	75.68 3.42 -0.90
RAVENSWOOD_GT_5 24254	66.12 2.05 0.00	63.76 1.80 0.00	63.40 1.67 0.00	59.66 1.46 0.00	62.09 1.40 0.00	64.92 1.71 0.00	74.22 2.84 -0.32	77.92 4.01 -2.35	78.13 4.59 -1.75	75.48 4.14 0.00	73.20 3.62 0.00	65.25 3.33 -0.26	62.49 3.19 -0.30	65.00 3.26 -0.29	70.60 3.68 0.00	73.59 4.10 0.00	81.32 5.26 -1.95	108.20 6.90 -12.88	112.12 7.19 -13.86	103.73 6.81 -8.50	96.01 6.09 -6.43	79.43 4.47 -2.95	75.66 3.58 -0.52	75.68 3.42 -0.90
RAVENSWOOD_GT_6 24253	66.12 2.05 0.00	63.76 1.80 0.00	63.40 1.67 0.00	59.66 1.46 0.00	62.09 1.40 0.00	64.92 1.71 0.00	74.22 2.84 -0.32	77.92 4.01 -2.35	78.13 4.59 -1.75	75.48 4.14 0.00	73.20 3.62 0.00	65.25 3.33 -0.26	62.49 3.19 -0.30	65.00 3.26 -0.29	70.60 3.68 0.00	73.59 4.10 0.00	81.32 5.26 -1.95	108.20 6.90 -12.88	112.12 7.19 -13.86	103.73 6.81 -8.50	96.01 6.09 -6.43	79.43 4.47 -2.95	75.66 3.58 -0.52	75.68 3.42 -0.90
RAVENSWOOD_GT_7 24255	66.12 2.05 0.00	63.76 1.80 0.00	63.40 1.67 0.00	59.66 1.46 0.00	62.09 1.40 0.00	64.92 1.71 0.00	74.22 2.84 -0.32	77.92 4.01 -2.35	78.13 4.59 -1.75	75.48 4.14 0.00	73.20 3.62 0.00	65.25 3.33 -0.26	62.49 3.19 -0.30	65.00 3.26 -0.29	70.60 3.68 0.00	73.59 4.10 0.00	81.32 5.26 -1.95	108.20 6.90 -12.88	112.12 7.19 -13.86	103.73 6.81 -8.50	96.01 6.09 -6.43	79.43 4.47 -2.95	75.66 3.58 -0.52	75.68 3.42 -0.90
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	66.12 2.05 0.00	63.76 1.80 0.00	63.34 1.61 0.00	59.60 1.40 0.00	62.03 1.34 0.00	64.92 1.71 0.00	74.15 2.77 -0.32	77.85 3.94 -2.35	78.06 4.52 -1.75	75.48 4.14 0.00	73.20 3.62 0.00	64.99 3.33 0.00	62.19 3.19 0.00	64.71 3.26 0.00	70.60 3.68 0.00	73.59 4.10 0.00	79.92 5.26 -0.55	107.22 6.90 -11.90	111.06 7.19 -12.80	102.44 6.81 -7.21	94.40 6.09 -4.82	77.97 4.47 -1.49	75.59 3.51 -0.52	75.68 3.42 -0.90

RAVENSWOOD_GT_9 24257	66.12 2.05 0.00	63.76 1.80 0.00	63.34 1.61 0.00	59.60 1.40 0.00	62.03 1.34 0.00	64.92 1.71 0.00	74.15 2.77 -0.32	77.85 3.94 -2.35	78.06 4.52 -1.75	75.48 4.14 0.00	73.20 3.62 0.00	64.99 3.33 0.00	62.19 3.19 0.00	64.71 3.26 0.00	70.60 3.68 0.00	73.59 4.10 0.00	79.92 5.26 -0.55	107.22 6.90 -11.90	111.06 7.19 -12.80	102.44 6.81 -7.21	94.40 6.09 -4.82	77.97 4.47 -1.49	75.59 3.51 -0.52	75.68 3.42 -0.90
RAVENSWOOD___1 23533	65.99 1.92 0.00	63.57 1.61 0.00	63.21 1.48 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.67 1.46 0.00	73.93 2.55 -0.32	77.77 3.86 -2.35	78.07 4.53 -1.75	75.41 4.06 0.00	73.12 3.55 0.00	65.17 3.51 0.00	62.31 3.30 0.00	64.83 3.38 0.00	70.80 3.88 0.00	73.73 4.24 0.00	80.14 5.48 -0.55	107.48 7.16 -11.90	111.34 7.47 -12.80	102.70 7.08 -7.21	94.48 6.18 -4.82	77.54 4.03 -1.49	75.52 3.44 -0.52	75.18 2.93 -0.90
RAVENSWOOD___2 23534	65.99 1.92 0.00	63.57 1.61 0.00	63.15 1.42 0.00	59.43 1.22 0.00	61.85 1.15 0.00	64.67 1.46 0.00	73.93 2.55 -0.32	77.70 3.79 -2.35	77.99 4.45 -1.75	75.41 4.06 0.00	73.12 3.55 0.00	65.11 3.45 0.00	62.31 3.30 0.00	64.77 3.32 0.00	70.80 3.88 0.00	73.73 4.24 0.00	80.06 5.41 -0.55	107.48 7.16 -11.90	111.24 7.37 -12.80	102.70 7.08 -7.21	94.48 6.18 -4.82	77.54 4.03 -1.49	75.52 3.44 -0.52	75.11 2.86 -0.90
RAVENSWOOD___3 23535	66.06 1.99 0.00	63.69 1.73 0.00	63.34 1.60 0.00	59.60 1.39 0.00	62.03 1.33 0.00	64.86 1.64 0.00	74.15 2.77 -0.32	77.84 3.93 -2.35	78.07 4.53 -1.75	75.48 4.14 0.00	73.19 3.62 0.00	65.05 3.39 0.00	62.25 3.24 0.00	64.71 3.25 0.00	70.74 3.81 0.00	73.66 4.17 0.00	79.99 5.34 -0.55	107.30 6.98 -11.90	111.06 7.19 -12.80	102.53 6.90 -7.21	94.48 6.18 -4.82	77.61 4.10 -1.49	75.59 3.51 -0.52	75.18 2.93 -0.90
RAVENSWOOD___4 23820	65.93 1.86 0.00	63.57 1.61 0.00	63.15 1.42 0.00	59.43 1.22 0.00	61.79 1.09 0.00	64.67 1.46 0.00	73.93 2.55 -0.32	77.70 3.79 -2.35	77.99 4.45 -1.75	75.34 3.99 0.00	73.06 3.48 0.00	64.77 3.45 0.34	61.92 3.30 0.39	64.40 3.32 0.37	70.80 3.88 0.00	73.73 4.24 0.00	78.24 5.41 1.27	106.21 7.16 -10.63	109.87 7.37 -11.43	101.04 7.08 -5.54	92.40 6.18 -2.73	75.65 4.03 0.40	75.52 3.44 -0.52	75.11 2.86 -0.90
RCPL_TRUST___DRP 24196	66.25 2.18 0.00	63.94 1.98 0.00	63.52 1.79 0.00	59.77 1.57 0.00	62.21 1.52 0.00	65.11 1.90 0.00	74.36 2.98 -0.32	78.13 4.22 -2.35	78.35 4.81 -1.75	75.77 4.42 0.00	73.40 3.83 0.00	65.18 3.51 0.00	62.37 3.36 0.00	64.95 3.50 0.00	70.87 3.95 0.00	73.80 4.31 0.00	79.99 5.34 -0.55	107.39 7.07 -11.90	111.15 7.29 -12.80	102.52 6.90 -7.21	94.57 6.26 -4.82	78.12 4.61 -1.49	75.80 3.72 -0.52	75.82 3.57 -0.90
RED___ROCHESTER 323720	61.12 -2.95 0.00	58.87 -3.10 0.00	59.02 -2.71 0.00	55.58 -2.62 0.00	58.27 -2.43 0.00	60.82 -2.40 0.00	68.50 -2.56 0.00	68.55 -3.00 0.00	68.63 -3.16 0.00	67.71 -3.64 0.00	66.24 -3.34 0.00	58.58 -3.08 0.00	55.88 -3.13 0.00	58.50 -2.95 0.00	62.97 -3.95 0.00	66.08 -3.40 0.00	70.55 -3.56 0.00	87.38 -2.74 -1.70	90.34 -2.27 -1.54	85.59 -2.83 0.00	80.40 -3.09 0.00	69.65 -2.37 0.00	69.13 -2.43 0.00	69.00 -2.35 0.00
REGAN___SOLAR 323812	68.94 4.87 0.00	66.86 4.89 0.00	66.67 4.94 0.00	62.86 4.66 0.00	65.55 4.86 0.00	68.34 5.12 0.00	80.89 6.40 -3.43	103.31 6.51 -25.24	97.04 6.46 -18.79	77.05 5.71 0.00	74.73 5.15 0.00	65.55 3.89 0.00	62.48 3.48 0.00	65.20 3.75 0.00	71.14 4.22 0.00	74.70 5.21 0.00	86.87 6.89 -5.88	152.36 9.11 -54.83	172.00 9.56 -71.37	174.98 9.28 -77.28	143.80 8.68 -51.63	95.16 7.20 -15.94	83.96 6.87 -5.52	87.38 6.35 -9.68
RENSSELAER___COGEN 23796	65.73 1.66 0.00	63.64 1.67 0.00	63.40 1.67 0.00	59.77 1.57 0.00	62.27 1.58 0.00	64.80 1.58 0.00	74.30 1.78 -1.47	84.20 1.86 -10.79	81.97 2.15 -8.03	73.56 2.21 0.00	71.46 1.88 0.00	63.38 1.72 0.00	60.60 1.59 0.00	63.11 1.66 0.00	68.73 1.81 0.00	71.23 1.74 0.00	78.54 1.92 -2.51	119.41 2.21 -28.78	128.68 2.28 -35.34	123.56 2.12 -33.02	107.47 1.92 -22.06	80.27 1.44 -6.81	75.36 1.43 -2.36	77.41 1.93 -4.14
REPUBLIC_115KV_BARTNBRK 55605	71.05 6.98 0.00	68.78 6.82 0.00	68.65 6.91 0.00	64.72 6.52 0.00	67.49 6.80 0.00	70.30 7.08 0.00	83.25 8.74 -3.45	105.96 9.02 -25.39	99.66 8.97 -18.90	79.83 8.49 0.00	77.72 8.14 0.00	68.07 6.41 0.00	64.79 5.78 0.00	67.66 6.21 0.00	73.88 6.96 0.00	77.90 8.41 0.00	89.95 9.93 -5.91	156.44 12.47 -55.55	175.97 12.75 -72.15	178.35 12.20 -77.73	147.03 11.60 -51.93	97.92 9.87 -16.03	86.64 9.52 -5.56	89.93 8.85 -9.73
REVERE_CPFR_DRP 24186	65.93 1.86 0.00	63.76 1.80 0.00	63.52 1.79 0.00	59.89 1.69 0.00	62.58 1.88 0.00	65.43 2.21 0.00	73.83 2.77 0.00	74.56 3.01 0.00	74.80 3.02 0.00	74.05 2.71 0.00	72.08 2.50 0.00	63.57 1.91 0.00	60.77 1.77 0.00	63.48 2.03 0.00	69.13 2.21 0.00	71.92 2.43 0.00	77.37 3.26 0.00	93.02 4.60 0.00	96.08 5.01 0.00	93.11 4.69 0.00	87.83 4.34 0.00	75.69 3.67 0.00	74.79 3.22 0.00	74.49 3.14 0.00
REYNOLDS_115KV_TB3 80639	66.18 2.11 0.00	63.94 1.98 0.00	63.65 1.91 0.00	60.12 1.92 0.00	62.70 2.00 0.00	65.11 1.90 0.00	75.62 2.42 -2.14	90.11 2.79 -15.76	86.61 3.09 -11.74	74.27 2.93 0.00	72.36 2.78 0.00	64.19 2.53 0.00	61.36 2.36 0.00	63.97 2.52 0.00	69.67 2.74 0.00	72.41 2.92 0.00	81.11 3.33 -3.67	130.42 4.16 -37.84	143.18 4.28 -47.83	140.66 3.98 -48.26	119.41 3.67 -32.24	85.07 3.10 -9.95	77.74 2.72 -3.45	80.25 2.85 -6.04
RIVERBAY____ 323610	66.57 2.50 0.00	64.07 2.11 0.00	63.58 1.85 0.00	59.72 1.51 0.00	62.15 1.46 0.00	64.92 1.71 0.00	74.15 2.77 -0.32	77.92 4.01 -2.35	78.21 4.67 -1.75	75.55 4.21 0.00	73.33 3.76 0.00	65.18 3.51 0.00	62.37 3.36 0.00	64.83 3.38 0.00	70.67 3.75 0.00	73.66 4.17 0.00	80.14 5.48 -0.55	107.66 7.34 -11.90	111.52 7.65 -12.80	102.88 7.25 -7.21	94.82 6.51 -4.82	78.19 4.68 -1.49	75.80 3.72 -0.52	76.18 3.92 -0.90
RIVERSDE_115KV_TB3 55908	65.99 1.92 0.00	63.82 1.86 0.00	63.52 1.79 0.00	59.95 1.75 0.00	62.52 1.82 0.00	64.99 1.77 0.00	75.27 2.20 -2.01	88.69 2.36 -14.77	85.44 2.66 -11.00	73.98 2.64 0.00	71.94 2.37 0.00	63.82 2.16 0.00	61.01 2.01 0.00	63.60 2.15 0.00	69.20 2.28 0.00	71.78 2.29 0.00	80.21 2.67 -3.44	127.57 3.09 -36.06	139.62 3.19 -45.36	136.64 3.01 -45.22	116.37 2.67 -30.21	83.72 2.38 -9.33	76.80 2.00 -3.23	79.37 2.35 -5.66
ROARING___BROOK_WT_PWR 323790	64.26 0.19 0.00	62.09 0.12 0.00	61.79 0.06 0.00	58.32 0.12 0.00	60.82 0.12 0.00	63.41 0.19 0.00	70.99 -0.07 0.00	71.13 -0.43 0.00	71.07 -0.72 0.00	70.63 -0.71 0.00	68.81 -0.76 0.00	60.86 -0.80 0.00	58.30 -0.71 0.00	60.65 -0.80 0.00	66.19 -0.73 0.00	68.79 -0.69 0.00	73.22 -0.89 0.00	87.10 -1.32 0.00	89.61 -1.46 0.00	87.18 -1.24 0.00	82.49 -1.00 0.00	71.44 -0.58 0.00	71.21 -0.36 0.00	71.14 -0.21 0.00

ROCHESRG_115KV_T4 355643	60.35 -3.72 0.00	58.31 -3.66 0.00	58.40 -3.33 0.00	55.00 -3.20 0.00	57.66 -3.03 0.00	60.18 -3.03 0.00	67.72 -3.34 0.00	67.69 -3.86 0.00	67.69 -4.09 0.00	66.85 -4.49 0.00	65.33 -4.24 0.00	57.96 -3.70 0.00	55.17 -3.84 0.00	57.70 -3.75 0.00	62.37 -4.55 0.00	65.18 -4.31 0.00	69.59 -4.52 0.00	86.13 -3.98 -1.69	88.96 -3.64 -1.53	83.91 -4.51 0.00	79.40 -4.09 0.00	69.64 -2.38 0.00	68.27 -3.29 0.00	67.86 -3.50 0.00
ROCHESTER_9_IC 23652	60.67 -3.40 0.00	58.62 -3.35 0.00	58.71 -3.02 0.00	55.29 -2.91 0.00	58.03 -2.67 0.00	60.56 -2.66 0.00	68.14 -2.91 0.00	68.19 -3.36 0.00	68.20 -3.59 0.00	67.35 -4.00 0.00	65.82 -3.76 0.00	58.33 -3.33 0.00	55.52 -3.48 0.00	58.07 -3.38 0.00	62.84 -4.08 0.00	65.67 -3.82 0.00	70.10 -4.00 0.00	86.85 -3.27 -1.70	89.69 -2.91 -1.54	84.53 -3.89 0.00	79.98 -3.51 0.00	70.15 -1.87 0.00	68.70 -2.86 0.00	68.28 -3.07 0.00
ROCKVIEW_13_KV_LD 356306	66.31 2.24 0.00	64.01 2.04 0.00	63.65 1.91 0.00	59.89 1.69 0.00	62.33 1.64 0.00	65.18 1.96 0.00	74.43 3.06 -0.32	78.13 4.22 -2.35	78.28 4.74 -1.75	75.62 4.28 0.00	73.40 3.83 0.00	65.18 3.51 0.00	62.37 3.36 0.00	64.89 3.44 0.00	70.80 3.88 0.00	73.80 4.31 0.00	80.14 5.48 -0.55	107.57 7.25 -11.90	111.43 7.56 -12.80	102.79 7.16 -7.21	94.73 6.43 -4.82	78.33 4.83 -1.49	75.95 3.86 -0.52	75.89 3.64 -0.90
ROME____115KV_TB2 80656	65.93 1.86 0.00	63.76 1.80 0.00	63.52 1.79 0.00	59.89 1.69 0.00	62.58 1.88 0.00	65.43 2.21 0.00	73.83 2.77 0.00	74.56 3.01 0.00	74.80 3.02 0.00	74.05 2.71 0.00	72.08 2.50 0.00	63.57 1.91 0.00	60.77 1.77 0.00	63.48 2.03 0.00	69.13 2.21 0.00	71.92 2.43 0.00	77.37 3.26 0.00	93.02 4.60 0.00	96.08 5.01 0.00	93.11 4.69 0.00	87.83 4.34 0.00	75.69 3.67 0.00	74.79 3.22 0.00	74.49 3.14 0.00
ROSETON___1 23587	65.80 1.73 0.00	63.57 1.61 0.00	63.28 1.54 0.00	59.60 1.39 0.00	62.03 1.33 0.00	64.80 1.58 0.00	73.71 2.34 -0.31	77.06 3.22 -2.28	77.14 3.66 -1.70	74.56 3.21 0.00	72.43 2.85 0.00	64.37 2.71 0.00	61.54 2.54 0.00	64.09 2.64 0.00	69.94 3.01 0.00	72.75 3.27 0.00	78.86 4.22 -0.53	105.84 5.66 -11.76	109.51 5.83 -12.61	101.06 5.66 -6.98	93.16 5.01 -4.66	76.85 3.39 -1.44	75.00 2.94 -0.50	74.79 2.56 -0.87
ROSETON___2 23588	65.80 1.73 0.00	63.57 1.61 0.00	63.28 1.54 0.00	59.60 1.39 0.00	62.03 1.33 0.00	64.80 1.58 0.00	73.71 2.34 -0.31	77.06 3.22 -2.28	77.14 3.66 -1.70	74.56 3.21 0.00	72.43 2.85 0.00	64.37 2.71 0.00	61.54 2.54 0.00	64.09 2.64 0.00	69.94 3.01 0.00	72.75 3.27 0.00	78.86 4.22 -0.53	105.84 5.66 -11.76	109.51 5.83 -12.61	101.06 5.66 -6.98	93.16 5.01 -4.66	76.85 3.39 -1.44	75.00 2.94 -0.50	74.79 2.56 -0.87
ROTRRDAM_115KV_TB3 80664	65.99 1.92 0.00	63.88 1.92 0.00	63.65 1.91 0.00	60.01 1.80 0.00	62.58 1.88 0.00	65.11 1.90 0.00	77.23 2.42 -3.76	101.96 2.72 -27.68	95.27 2.87 -20.61	73.91 2.57 0.00	71.94 2.37 0.00	63.70 2.03 0.00	60.89 1.89 0.00	63.48 2.03 0.00	69.20 2.28 0.00	72.06 2.57 0.00	83.74 3.19 -6.44	152.35 4.16 -59.77	173.38 4.37 -77.95	177.33 4.16 -84.75	143.95 3.84 -56.62	92.67 3.17 -17.48	80.42 2.79 -6.06	84.68 2.71 -10.61
RUSSELL___1 23602	60.99 -3.08 0.00	58.86 -3.10 0.00	59.02 -2.72 0.00	55.58 -2.62 0.00	58.27 -2.43 0.00	60.88 -2.34 0.00	68.50 -2.56 0.00	68.55 -3.01 0.00	68.63 -3.16 0.00	67.70 -3.64 0.00	66.24 -3.34 0.00	58.64 -3.02 0.00	55.88 -3.13 0.00	58.44 -3.01 0.00	63.18 -3.75 0.00	66.08 -3.40 0.00	70.55 -3.56 0.00	87.38 -2.74 -1.70	90.33 -2.28 -1.54	84.97 -3.45 0.00	80.48 -3.01 0.00	70.58 -1.44 0.00	69.13 -2.43 0.00	68.64 -2.71 0.00
RUSSELL___2 23532	60.99 -3.08 0.00	58.86 -3.10 0.00	59.02 -2.72 0.00	55.58 -2.62 0.00	58.27 -2.43 0.00	60.88 -2.34 0.00	68.50 -2.56 0.00	68.55 -3.01 0.00	68.63 -3.16 0.00	67.70 -3.64 0.00	66.24 -3.34 0.00	58.64 -3.02 0.00	55.88 -3.13 0.00	58.44 -3.01 0.00	63.18 -3.75 0.00	66.08 -3.40 0.00	70.55 -3.56 0.00	87.38 -2.74 -1.70	90.33 -2.28 -1.54	84.97 -3.45 0.00	80.48 -3.01 0.00	70.58 -1.44 0.00	69.13 -2.43 0.00	68.64 -2.71 0.00
RUSSELL___3 23549	60.99 -3.08 0.00	58.86 -3.10 0.00	59.02 -2.72 0.00	55.58 -2.62 0.00	58.27 -2.43 0.00	60.88 -2.34 0.00	68.50 -2.56 0.00	68.55 -3.01 0.00	68.63 -3.16 0.00	67.70 -3.64 0.00	66.24 -3.34 0.00	58.64 -3.02 0.00	55.88 -3.13 0.00	58.44 -3.01 0.00	63.18 -3.75 0.00	66.08 -3.40 0.00	70.55 -3.56 0.00	87.38 -2.74 -1.70	90.33 -2.28 -1.54	84.97 -3.45 0.00	80.48 -3.01 0.00	70.58 -1.44 0.00	69.13 -2.43 0.00	68.64 -2.71 0.00
RUSSELL___4 23556	60.99 -3.08 0.00	58.86 -3.10 0.00	59.02 -2.72 0.00	55.58 -2.62 0.00	58.27 -2.43 0.00	60.88 -2.34 0.00	68.50 -2.56 0.00	68.55 -3.01 0.00	68.63 -3.16 0.00	67.70 -3.64 0.00	66.24 -3.34 0.00	58.64 -3.02 0.00	55.88 -3.13 0.00	58.44 -3.01 0.00	63.18 -3.75 0.00	66.08 -3.40 0.00	70.55 -3.56 0.00	87.38 -2.74 -1.70	90.33 -2.28 -1.54	84.97 -3.45 0.00	80.48 -3.01 0.00	70.58 -1.44 0.00	69.13 -2.43 0.00	68.64 -2.71 0.00
RUSSELL___STATION 23914	60.99 -3.08 0.00	58.86 -3.10 0.00	59.02 -2.72 0.00	55.58 -2.62 0.00	58.27 -2.43 0.00	60.88 -2.34 0.00	68.50 -2.56 0.00	68.55 -3.01 0.00	68.63 -3.16 0.00	67.70 -3.64 0.00	66.24 -3.34 0.00	58.64 -3.02 0.00	55.88 -3.13 0.00	58.44 -3.01 0.00	63.18 -3.75 0.00	66.08 -3.40 0.00	70.55 -3.56 0.00	87.38 -2.74 -1.70	90.33 -2.28 -1.54	84.97 -3.45 0.00	80.48 -3.01 0.00	70.58 -1.44 0.00	69.13 -2.43 0.00	68.64 -2.71 0.00
S SALMON___HYD 24043	62.60 -1.47 0.00	60.54 -1.42 0.00	60.32 -1.42 0.00	56.92 -1.28 0.00	59.42 -1.28 0.00	61.77 -1.45 0.00	69.56 -1.50 0.00	70.27 -1.29 0.00	70.35 -1.44 0.00	69.77 -1.57 0.00	68.05 -1.53 0.00	60.18 -1.48 0.00	57.53 -1.47 0.00	60.04 -1.41 0.00	65.12 -1.80 0.00	67.89 -1.60 0.00	72.85 -1.26 0.00	87.71 -0.71 0.00	90.70 -0.36 0.00	87.98 -0.44 0.00	82.82 -0.67 0.00	71.37 -0.65 0.00	70.78 -0.79 0.00	70.50 -0.85 0.00
S.PERRY__115KV_TB1 80734	60.48 -3.59 0.00	58.37 -3.59 0.00	58.40 -3.33 0.00	55.06 -3.14 0.00	57.78 -2.91 0.00	60.25 -2.97 0.00	68.29 -2.77 0.00	68.34 -3.22 0.00	68.05 -3.73 0.00	66.78 -4.57 0.00	64.92 -4.66 0.00	57.41 -4.25 0.00	54.64 -4.37 0.00	57.15 -4.30 0.00	61.77 -5.15 0.00	64.97 -4.52 0.00	70.10 -4.00 0.00	88.13 -2.65 -2.36	91.38 -1.82 -2.14	85.33 -3.09 0.00	80.82 -2.67 0.00	71.01 -1.01 0.00	69.35 -2.22 0.00	68.86 -2.50 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	59.07 -5.00 0.00	57.13 -4.83 0.00	57.29 -4.44 0.00	53.95 -4.25 0.00	56.63 -4.07 0.00	59.05 -4.17 0.00	66.08 -4.97 0.00	65.19 -6.37 0.00	64.97 -6.82 0.00	63.85 -7.49 0.00	62.55 -7.03 0.00	55.74 -5.92 0.00	52.99 -6.02 0.00	55.55 -5.90 0.00	59.83 -7.09 0.00	62.54 -6.95 0.00	66.55 -7.56 0.00	83.59 -6.99 -2.16	86.28 -6.74 -1.95	80.90 -7.52 0.00	76.64 -6.85 0.00	68.13 -3.89 0.00	66.41 -5.15 0.00	66.29 -5.07 0.00

SAWYER___23_KV_LOAD 55526	59.07 -5.00 0.00	57.13 -4.83 0.00	57.29 -4.44 0.00	53.95 -4.25 0.00	56.63 -4.07 0.00	59.05 -4.17 0.00	66.08 -4.97 0.00	65.19 -6.37 0.00	64.97 -6.82 0.00	63.85 -7.49 0.00	62.55 -7.03 0.00	55.74 -5.92 0.00	52.99 -6.02 0.00	55.55 -5.90 0.00	59.83 -7.09 0.00	62.54 -6.95 0.00	66.55 -7.56 0.00	83.59 -6.99 -2.16	86.28 -6.74 -1.95	80.90 -7.52 0.00	76.64 -6.85 0.00	68.13 -3.89 0.00	66.41 -5.15 0.00	66.29 -5.07 0.00
SELKIRK___I 23801	68.11 4.04 0.00	66.05 4.09 0.00	65.87 4.14 0.00	62.10 3.90 0.00	64.64 3.94 0.00	67.14 3.92 0.00	76.35 4.12 -1.17	84.06 3.86 -8.65	82.03 3.80 -6.44	74.98 3.64 0.00	72.71 3.13 0.00	64.31 2.65 0.00	61.48 2.48 0.00	64.09 2.64 0.00	69.94 3.01 0.00	72.89 3.40 0.00	80.12 4.00 -2.01	118.16 5.04 -24.70	126.15 5.28 -29.81	120.02 5.13 -26.47	106.01 4.84 -17.69	81.51 4.03 -5.46	77.61 4.15 -1.89	79.30 4.64 -3.31
SELKIRK___II 23799	65.73 1.66 0.00	63.64 1.67 0.00	63.40 1.67 0.00	59.77 1.57 0.00	62.27 1.58 0.00	64.80 1.58 0.00	74.07 1.84 -1.17	82.15 2.00 -8.60	80.48 2.30 -6.40	73.56 2.21 0.00	71.52 1.95 0.00	63.45 1.79 0.00	60.65 1.65 0.00	63.17 1.72 0.00	68.86 1.94 0.00	71.43 1.94 0.00	78.41 2.30 -2.00	116.02 2.83 -24.77	123.81 2.91 -29.83	117.57 2.83 -26.32	103.57 2.50 -17.58	79.32 1.87 -5.43	75.24 1.79 -1.88	76.64 2.00 -3.30
SENECA OSWGO___HYD 24041	61.76 -2.30 0.00	59.73 -2.23 0.00	59.51 -2.22 0.00	56.11 -2.09 0.00	58.63 -2.06 0.00	61.00 -2.21 0.00	68.85 -2.20 0.00	69.48 -2.08 0.00	69.64 -2.15 0.00	68.99 -2.35 0.00	67.21 -2.37 0.00	59.56 -2.10 0.00	56.94 -2.07 0.00	59.43 -2.03 0.00	64.52 -2.41 0.00	67.26 -2.23 0.00	72.11 -2.00 0.00	86.74 -1.68 0.00	89.61 -1.46 0.00	86.83 -1.59 0.00	81.73 -1.76 0.00	70.44 -1.58 0.00	69.70 -1.86 0.00	69.43 -1.92 0.00
SENECA___115KV_TB3 355854	59.84 -4.23 0.00	57.87 -4.09 0.00	58.03 -3.70 0.00	54.65 -3.55 0.00	57.30 -3.40 0.00	59.74 -3.48 0.00	67.01 -4.05 0.00	66.05 -5.51 0.00	65.68 -6.10 0.00	64.56 -6.78 0.00	63.18 -6.40 0.00	56.36 -5.30 0.00	53.58 -5.43 0.00	56.11 -5.35 0.00	60.43 -6.49 0.00	63.30 -6.18 0.00	67.51 -6.60 0.00	84.83 -5.84 -2.24	87.63 -5.46 -2.03	82.14 -6.28 0.00	77.81 -5.68 0.00	69.14 -2.88 0.00	67.34 -4.22 0.00	67.36 -4.00 0.00
SENECA___ENERGY 23797	61.82 -2.24 0.00	59.73 -2.23 0.00	59.63 -2.10 0.00	56.22 -1.98 0.00	58.81 -1.88 0.00	61.38 -1.84 0.00	69.43 -1.63 0.00	69.91 -1.64 0.00	69.99 -1.79 0.00	69.13 -2.21 0.00	67.28 -2.29 0.00	59.56 -2.10 0.00	56.82 -2.18 0.00	59.36 -2.09 0.00	64.31 -2.61 0.00	67.26 -2.23 0.00	72.26 -1.85 0.00	89.25 -0.97 -1.80	91.97 -0.73 -1.63	87.54 -0.88 0.00	82.24 -1.25 0.00	71.01 -1.01 0.00	70.20 -1.36 0.00	70.07 -1.28 0.00
SHOEMAKER___GT 23640	65.48 1.41 0.00	63.26 1.30 0.00	62.97 1.23 0.00	59.31 1.10 0.00	61.79 1.09 0.00	64.48 1.26 0.00	73.33 1.99 -0.29	76.34 2.65 -2.13	76.46 3.08 -1.59	73.91 2.56 0.00	71.80 2.23 0.00	63.76 2.10 0.00	60.95 1.94 0.00	63.48 2.02 0.00	69.33 2.41 0.00	72.19 2.71 0.00	78.23 3.63 -0.50	104.22 4.95 -10.85	107.82 5.10 -11.66	99.89 4.95 -6.52	92.27 4.42 -4.36	76.32 2.95 -1.35	74.54 2.50 -0.47	74.38 2.21 -0.82
SHOEMAKR_138KV_BK 111 55601	65.41 1.35 0.00	63.26 1.30 0.00	62.97 1.23 0.00	59.25 1.05 0.00	61.73 1.03 0.00	64.42 1.20 0.00	73.33 1.99 -0.29	76.32 2.65 -2.12	76.45 3.09 -1.58	73.91 2.57 0.00	71.80 2.23 0.00	63.76 2.10 0.00	60.95 1.95 0.00	63.54 2.09 0.00	69.33 2.41 0.00	72.13 2.64 0.00	78.23 3.63 -0.49	104.06 4.86 -10.77	107.74 5.10 -11.58	99.76 4.86 -6.48	92.16 4.34 -4.33	76.60 3.24 -1.34	74.53 2.50 -0.46	74.59 2.43 -0.81
SHOREHAM_IC_1 23715	68.43 4.36 0.00	65.99 4.03 0.00	65.44 3.70 0.00	61.75 3.55 0.00	64.15 3.46 0.00	67.14 3.92 0.00	86.29 5.69 -9.54	106.23 6.87 -27.81	103.06 7.33 -23.95	85.13 6.49 -7.30	76.26 5.85 -0.84	66.72 5.06 0.00	63.66 4.66 0.00	66.25 4.80 0.00	72.74 5.82 0.00	90.30 6.18 -14.63	111.80 7.78 -29.91	133.45 10.16 -34.86	139.12 10.47 -37.59	114.27 9.20 -16.66	112.32 7.85 -20.98	101.86 5.69 -24.15	102.37 5.37 -25.44	96.59 4.99 -20.25
SHOREHAM_IC_2 23716	68.43 4.36 0.00	65.99 4.03 0.00	65.44 3.70 0.00	61.75 3.55 0.00	64.15 3.46 0.00	67.14 3.92 0.00	86.29 5.69 -9.54	106.23 6.87 -27.81	103.06 7.33 -23.95	85.13 6.49 -7.30	76.26 5.85 -0.84	66.72 5.06 0.00	63.66 4.66 0.00	66.25 4.80 0.00	72.74 5.82 0.00	90.30 6.18 -14.63	111.80 7.78 -29.91	133.45 10.16 -34.86	139.12 10.47 -37.59	114.27 9.20 -16.66	112.32 7.85 -20.98	101.86 5.69 -24.15	102.37 5.37 -25.44	96.59 4.99 -20.25
SISSONVILLE____ 23735	66.05 1.99 0.00	63.70 1.73 0.00	63.46 1.73 0.00	60.07 1.86 0.00	62.03 1.34 0.00	64.23 1.01 0.00	71.56 0.50 0.00	71.41 -0.14 0.00	71.14 -0.65 0.00	71.56 0.21 0.00	69.86 0.28 0.00	61.60 -0.06 0.00	59.59 0.59 0.00	61.51 0.06 0.00	67.06 0.13 0.00	69.07 -0.42 0.00	72.70 -1.41 0.00	85.68 -2.74 0.00	87.51 -3.55 0.00	86.12 -2.30 0.00	81.65 -1.84 0.00	70.80 -1.22 0.00	72.07 0.50 0.00	72.42 1.07 0.00
SITHE_IND_GS1 24169	60.93 -3.14 0.00	58.93 -3.03 0.00	58.71 -3.02 0.00	55.35 -2.85 0.00	57.84 -2.85 0.00	60.25 -2.97 0.00	67.86 -3.20 0.00	68.34 -3.22 0.00	68.56 -3.23 0.00	67.99 -3.35 0.00	66.24 -3.34 0.00	58.70 -2.96 0.00	56.11 -2.89 0.00	58.50 -2.95 0.00	63.58 -3.34 0.00	66.22 -3.26 0.00	70.85 -3.26 0.00	85.06 -3.36 0.00	87.79 -3.27 0.00	85.06 -3.36 0.00	80.15 -3.34 0.00	69.06 -2.96 0.00	68.49 -3.08 0.00	68.29 -3.07 0.00
SITHE_IND_GS2 24170	60.93 -3.14 0.00	58.93 -3.03 0.00	58.71 -3.02 0.00	55.35 -2.85 0.00	57.84 -2.85 0.00	60.25 -2.97 0.00	67.86 -3.20 0.00	68.34 -3.22 0.00	68.56 -3.23 0.00	67.99 -3.35 0.00	66.24 -3.34 0.00	58.70 -2.96 0.00	56.11 -2.89 0.00	58.50 -2.95 0.00	63.58 -3.34 0.00	66.22 -3.26 0.00	70.85 -3.26 0.00	85.06 -3.36 0.00	87.79 -3.27 0.00	85.06 -3.36 0.00	80.15 -3.34 0.00	69.06 -2.96 0.00	68.49 -3.08 0.00	68.29 -3.07 0.00
SITHE_IND_GS3 24171	60.93 -3.14 0.00	58.93 -3.03 0.00	58.71 -3.02 0.00	55.35 -2.85 0.00	57.84 -2.85 0.00	60.25 -2.97 0.00	67.86 -3.20 0.00	68.34 -3.22 0.00	68.56 -3.23 0.00	67.99 -3.35 0.00	66.24 -3.34 0.00	58.70 -2.96 0.00	56.11 -2.89 0.00	58.50 -2.95 0.00	63.58 -3.34 0.00	66.22 -3.26 0.00	70.85 -3.26 0.00	85.06 -3.36 0.00	87.79 -3.27 0.00	85.06 -3.36 0.00	80.15 -3.34 0.00	69.06 -2.96 0.00	68.49 -3.08 0.00	68.29 -3.07 0.00
SITHE_IND_GS4 24172	60.93 -3.14 0.00	58.93 -3.03 0.00	58.71 -3.02 0.00	55.35 -2.85 0.00	57.84 -2.85 0.00	60.25 -2.97 0.00	67.86 -3.20 0.00	68.34 -3.22 0.00	68.56 -3.23 0.00	67.99 -3.35 0.00	66.24 -3.34 0.00	58.70 -2.96 0.00	56.11 -2.89 0.00	58.50 -2.95 0.00	63.58 -3.34 0.00	66.22 -3.26 0.00	70.85 -3.26 0.00	85.06 -3.36 0.00	87.79 -3.27 0.00	85.06 -3.36 0.00	80.15 -3.34 0.00	69.06 -2.96 0.00	68.49 -3.08 0.00	68.29 -3.07 0.00

SITHE____BATAVIA 24024	60.61 -3.46 0.00	58.31 -3.66 0.00	58.59 -3.15 0.00	55.17 -3.03 0.00	57.97 -2.73 0.00	60.50 -2.72 0.00	68.08 -2.98 0.00	67.62 -3.94 0.00	67.48 -4.31 0.00	66.28 -5.06 0.00	64.92 -4.66 0.00	57.41 -4.25 0.00	54.64 -4.37 0.00	57.33 -4.12 0.00	61.50 -5.42 0.00	64.76 -4.73 0.00	69.06 -5.04 0.00	86.47 -3.89 -1.94	89.45 -3.37 -1.75	84.53 -3.89 0.00	79.14 -4.35 0.00	68.78 -3.24 0.00	68.42 -3.15 0.00	68.57 -2.78 0.00
SITHE____INDEPEND 23800	60.87 -3.20 0.00	58.93 -3.04 0.00	58.71 -3.02 0.00	55.35 -2.85 0.00	57.84 -2.85 0.00	60.25 -2.97 0.00	67.86 -3.20 0.00	68.34 -3.22 0.00	68.56 -3.23 0.00	67.99 -3.35 0.00	66.24 -3.34 0.00	58.70 -2.96 0.00	56.11 -2.89 0.00	58.50 -2.95 0.00	63.64 -3.28 0.00	66.22 -3.27 0.00	70.85 -3.26 0.00	85.06 -3.36 0.00	87.79 -3.28 0.00	84.88 -3.54 0.00	80.15 -3.34 0.00	69.36 -2.66 0.00	68.49 -3.08 0.00	68.21 -3.14 0.00
SITHE____MASSENA 23902	65.80 1.73 0.00	63.51 1.55 0.00	63.28 1.54 0.00	59.77 1.57 0.00	62.03 1.33 0.00	64.55 1.33 0.00	71.91 0.86 0.00	71.70 0.14 0.00	71.57 -0.21 0.00	71.63 0.29 0.00	70.07 0.49 0.00	61.85 0.19 0.00	59.71 0.71 0.00	61.76 0.31 0.00	67.33 0.40 0.00	69.63 0.14 0.00	73.37 -0.74 0.00	86.39 -2.03 0.00	88.24 -2.82 0.00	86.47 -1.95 0.00	82.24 -1.25 0.00	71.73 -0.29 0.00	71.93 0.36 0.00	72.14 0.79 0.00
SITHE____OGDNSBRG 24021	66.95 2.88 0.00	64.56 2.60 0.00	64.33 2.59 0.00	60.94 2.74 0.00	63.06 2.37 0.00	65.56 2.34 0.00	73.05 1.99 0.00	72.84 1.29 0.00	72.58 0.79 0.00	72.70 1.36 0.00	71.04 1.46 0.00	62.52 0.86 0.00	60.42 1.42 0.00	62.43 0.98 0.00	68.13 1.20 0.00	70.46 0.97 0.00	74.33 0.22 0.00	87.45 -0.97 0.00	89.43 -1.64 0.00	87.89 -0.53 0.00	83.41 -0.08 0.00	72.09 0.07 0.00	73.21 1.65 0.00	73.42 2.07 0.00
SITHE____STERLING 23777	65.22 1.15 0.00	63.08 1.12 0.00	62.90 1.17 0.00	59.31 1.10 0.00	61.97 1.28 0.00	64.73 1.51 0.00	73.12 2.06 0.00	73.78 2.22 0.00	74.01 2.23 0.00	73.27 1.93 0.00	71.32 1.74 0.00	63.02 1.35 0.00	60.25 1.24 0.00	62.87 1.41 0.00	68.39 1.47 0.00	71.23 1.74 0.00	76.48 2.37 0.00	91.96 3.54 0.00	94.89 3.82 0.00	92.05 3.63 0.00	86.74 3.25 0.00	74.54 2.52 0.00	73.86 2.29 0.00	73.57 2.21 0.00
SLEIGHT__34_KV_TB1 80719	61.12 -2.95 0.00	59.05 -2.91 0.00	59.08 -2.65 0.00	55.64 -2.56 0.00	58.33 -2.37 0.00	60.88 -2.34 0.00	68.71 -2.34 0.00	69.05 -2.50 0.00	69.13 -2.66 0.00	68.35 -3.00 0.00	66.66 -2.92 0.00	59.07 -2.59 0.00	56.29 -2.71 0.00	58.81 -2.64 0.00	63.71 -3.21 0.00	66.57 -2.92 0.00	71.29 -2.82 0.00	88.06 -2.03 -1.67	90.94 -1.64 -1.51	85.94 -2.48 0.00	81.15 -2.34 0.00	70.87 -1.15 0.00	69.42 -2.15 0.00	68.93 -2.43 0.00
SOUTH CAIRO____GT 23612	68.55 4.48 0.00	66.36 4.40 0.00	66.18 4.44 0.00	62.45 4.25 0.00	65.01 4.31 0.00	67.71 4.49 0.00	76.60 4.48 -1.06	83.40 4.01 -7.83	81.85 4.24 -5.83	75.27 3.92 0.00	72.85 3.27 0.00	64.44 2.77 0.00	61.60 2.60 0.00	64.34 2.89 0.00	70.27 3.35 0.00	73.31 3.82 0.00	80.38 4.45 -1.82	117.27 5.84 -23.02	124.75 6.10 -27.58	118.24 5.84 -23.98	104.94 5.43 -16.02	81.43 4.47 -4.95	77.15 3.86 -1.71	79.14 4.78 -3.00
SOUTH HAMPTN____IC 23720	68.68 4.62 0.00	66.23 4.27 0.00	65.69 3.95 0.00	61.98 3.78 0.00	64.40 3.70 0.00	67.45 4.24 0.00	86.64 6.04 -9.54	106.59 7.22 -27.81	103.42 7.68 -23.95	85.49 6.85 -7.30	76.40 5.98 -0.84	66.84 5.18 0.00	63.78 4.78 0.00	66.37 4.92 0.00	72.88 5.95 0.00	90.44 6.32 -14.63	112.10 8.08 -29.91	133.89 10.61 -34.86	139.57 10.92 -37.58	114.89 9.81 -16.66	112.99 8.52 -20.98	102.29 6.12 -24.15	102.73 5.73 -25.44	97.09 5.49 -20.25
SOUTHDOW_115KV_TB1 355954	62.08 -1.99 0.00	60.04 -1.92 0.00	60.13 -1.61 0.00	56.57 -1.63 0.00	59.36 -1.34 0.00	61.89 -1.33 0.00	69.93 -1.21 -0.08	69.41 -2.72 -0.57	69.27 -2.94 -0.42	67.13 -4.21 0.00	65.47 -4.11 0.00	58.39 -3.27 0.00	55.58 -3.42 0.00	58.13 -3.32 0.00	62.57 -4.35 0.00	65.53 -3.96 0.00	70.31 -3.93 -0.13	88.74 -2.21 -2.53	92.30 -1.55 -2.78	87.69 -2.48 -1.75	82.40 -2.25 -1.17	72.38 0.00 -0.36	70.19 -1.50 -0.13	70.43 -1.14 -0.22
SOUTHOLD_69_KV_BK 2 55809	69.00 4.93 0.00	66.55 4.59 0.00	65.99 4.26 0.00	62.16 3.96 0.00	64.64 3.95 0.00	67.64 4.43 0.00	86.93 6.32 -9.54	106.95 7.58 -27.81	103.63 7.90 -23.95	85.85 7.21 -7.30	76.40 5.98 -0.84	66.78 5.12 0.00	63.67 4.66 0.00	66.24 4.79 0.00	72.68 5.76 0.00	90.44 6.32 -14.63	112.17 8.15 -29.91	134.25 10.96 -34.86	140.03 11.38 -37.58	115.16 10.08 -16.66	113.32 8.85 -20.98	102.94 6.77 -24.15	102.94 5.94 -25.44	97.88 6.28 -20.25
SOUTHOLD____IC 23719	68.94 4.87 0.00	66.48 4.52 0.00	65.93 4.20 0.00	62.22 4.01 0.00	64.64 3.94 0.00	67.64 4.42 0.00	86.92 6.32 -9.54	106.94 7.58 -27.81	103.77 8.04 -23.95	85.84 7.20 -7.30	76.40 5.98 -0.84	66.78 5.12 0.00	63.66 4.66 0.00	66.25 4.80 0.00	72.74 5.82 0.00	90.51 6.39 -14.63	112.24 8.22 -29.91	134.24 10.96 -34.86	140.03 11.38 -37.58	115.24 10.16 -16.66	113.32 8.85 -20.98	102.58 6.41 -24.15	102.87 5.87 -25.44	97.52 5.92 -20.25
SOUTH_FORK_WT_PWR 323839	68.49 4.42 0.00	66.05 4.09 0.00	65.50 3.77 0.00	61.81 3.61 0.00	64.22 3.52 0.00	67.20 3.99 0.00	86.43 5.83 -9.54	106.45 7.09 -27.81	103.27 7.54 -23.95	85.34 6.70 -7.30	75.70 5.29 -0.84	66.16 4.50 0.00	63.07 4.07 0.00	65.63 4.18 0.00	72.08 5.15 0.00	89.82 5.70 -14.63	111.50 7.48 -29.91	133.36 10.08 -34.86	139.21 10.56 -37.58	114.36 9.28 -16.66	112.49 8.02 -20.98	101.86 5.69 -24.15	102.16 5.16 -25.44	97.02 5.42 -20.25
SPIERFLS_115KV_TB 1 80737	68.55 4.48 0.00	66.36 4.40 0.00	66.18 4.44 0.00	62.39 4.19 0.00	65.07 4.37 0.00	67.77 4.55 0.00	80.15 5.61 -3.48	103.05 5.87 -25.63	96.83 5.96 -19.08	76.98 5.64 0.00	74.94 5.36 0.00	65.85 4.19 0.00	62.90 3.89 0.00	65.57 4.12 0.00	71.54 4.62 0.00	74.91 5.42 0.00	86.52 6.45 -5.97	152.63 8.22 -55.99	172.29 8.47 -72.75	174.92 8.05 -78.46	143.50 7.60 -52.42	94.76 6.55 -16.18	83.40 6.23 -5.61	87.03 5.85 -9.82
ST LAWRENCE____ 23600	64.90 0.83 0.00	62.64 0.68 0.00	62.41 0.68 0.00	58.84 0.64 0.00	61.30 0.61 0.00	63.79 0.57 0.00	71.13 0.07 0.00	70.98 -0.57 0.00	70.93 -0.86 0.00	70.92 -0.43 0.00	69.37 -0.21 0.00	61.35 -0.31 0.00	58.95 -0.06 0.00	61.21 -0.24 0.00	66.72 -0.20 0.00	69.00 -0.48 0.00	72.77 -1.33 0.00	85.85 -2.57 0.00	88.06 -3.00 0.00	85.85 -2.57 0.00	81.48 -2.00 0.00	71.01 -1.01 0.00	71.07 -0.50 0.00	71.21 -0.14 0.00
STATE_CA_115KV_115_LB 55624	65.99 1.92 0.00	63.88 1.92 0.00	63.58 1.85 0.00	60.01 1.80 0.00	62.52 1.82 0.00	65.05 1.83 0.00	75.50 2.20 -2.24	90.37 2.36 -16.45	86.69 2.66 -12.25	74.05 2.71 0.00	71.94 2.37 0.00	63.82 2.16 0.00	61.01 2.01 0.00	63.54 2.09 0.00	69.13 2.21 0.00	71.71 2.22 0.00	80.53 2.59 -3.83	130.58 3.01 -39.15	143.78 3.10 -49.61	141.62 2.83 -50.37	119.73 2.59 -33.66	84.64 2.23 -10.39	77.10 1.93 -3.60	80.02 2.35 -6.31

STATE_ST_34_KV_LOAD 55959	62.53 -1.54 0.00	60.47 -1.49 0.00	60.31 -1.42 0.00	56.86 -1.34 0.00	59.48 -1.21 0.00	62.02 -1.20 0.00	70.13 -0.92 0.00	70.84 -0.72 0.00	71.00 -0.79 0.00	70.27 -1.07 0.00	68.39 -1.18 0.00	60.55 -1.11 0.00	57.77 -1.24 0.00	60.35 -1.11 0.00	65.52 -1.41 0.00	68.24 -1.25 0.00	73.37 -0.74 0.00	90.29 0.09 -1.79	93.14 0.46 -1.62	88.33 -0.09 0.00	83.32 -0.17 0.00	72.24 0.22 0.00	70.92 -0.64 0.00	70.57 -0.78 0.00
STATION_5_MISC_HYD 23604	60.80 -3.27 0.00	58.61 -3.35 0.00	58.71 -3.02 0.00	55.35 -2.85 0.00	58.03 -2.67 0.00	60.56 -2.65 0.00	68.14 -2.92 0.00	68.19 -3.36 0.00	68.20 -3.59 0.00	67.35 -3.99 0.00	65.82 -3.76 0.00	58.27 -3.39 0.00	55.52 -3.48 0.00	58.13 -3.32 0.00	62.64 -4.28 0.00	65.67 -3.82 0.00	70.10 -4.00 0.00	86.85 -3.27 -1.70	89.69 -2.92 -1.54	85.06 -3.36 0.00	79.90 -3.59 0.00	69.21 -2.81 0.00	68.70 -2.86 0.00	68.57 -2.78 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	61.76 -2.31 0.00	59.61 -2.35 0.00	59.70 -2.04 0.00	56.22 -1.98 0.00	58.94 -1.76 0.00	61.57 -1.64 0.00	69.49 -1.56 0.00	69.77 -1.79 0.00	69.85 -1.94 0.00	68.92 -2.43 0.00	67.28 -2.30 0.00	59.50 -2.16 0.00	56.70 -2.30 0.00	59.30 -2.15 0.00	64.18 -2.74 0.00	67.12 -2.36 0.00	71.96 -2.15 0.00	88.98 -1.15 -1.71	91.88 -0.73 -1.55	86.74 -1.68 0.00	81.99 -1.50 0.00	71.59 -0.43 0.00	70.13 -1.43 0.00	69.71 -1.64 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	60.42 -3.65 0.00	58.37 -3.59 0.00	58.46 -3.27 0.00	55.12 -3.08 0.00	57.78 -2.91 0.00	60.31 -2.91 0.00	67.86 -3.20 0.00	67.98 -3.58 0.00	68.05 -3.73 0.00	67.13 -4.21 0.00	65.61 -3.97 0.00	58.15 -3.51 0.00	55.41 -3.60 0.00	57.95 -3.50 0.00	62.64 -4.28 0.00	65.53 -3.96 0.00	69.96 -4.15 0.00	86.57 -3.54 -1.69	89.50 -3.10 -1.53	84.26 -4.16 0.00	79.73 -3.76 0.00	69.86 -2.16 0.00	68.49 -3.08 0.00	68.00 -3.35 0.00
STA_56___34_KV_BUS2 355983	60.42 -3.65 0.00	58.37 -3.59 0.00	58.46 -3.27 0.00	55.12 -3.08 0.00	57.78 -2.91 0.00	60.31 -2.91 0.00	67.86 -3.20 0.00	67.98 -3.58 0.00	68.05 -3.73 0.00	67.13 -4.21 0.00	65.61 -3.97 0.00	58.15 -3.51 0.00	55.41 -3.60 0.00	57.95 -3.50 0.00	62.64 -4.28 0.00	65.53 -3.96 0.00	69.96 -4.15 0.00	86.57 -3.54 -1.69	89.50 -3.10 -1.53	84.26 -4.16 0.00	79.73 -3.76 0.00	69.86 -2.16 0.00	68.49 -3.08 0.00	68.00 -3.35 0.00
STA_67___115KV_BK2 355882	60.54 -3.52 0.00	58.49 -3.47 0.00	58.58 -3.15 0.00	55.18 -3.03 0.00	57.90 -2.79 0.00	60.37 -2.84 0.00	67.93 -3.13 0.00	67.98 -3.58 0.00	67.98 -3.80 0.00	67.13 -4.21 0.00	65.61 -3.97 0.00	58.15 -3.51 0.00	55.41 -3.60 0.00	57.95 0.00	62.64 -4.28 0.00	65.46 -4.03 0.00	69.88 -4.22 0.00	86.58 -3.54 -1.70	89.42 -3.19 -1.54	84.26 -4.16 0.00	79.73 -3.76 0.00	69.93 -2.09 0.00	68.56 -3.01 0.00	68.07 -3.28 0.00
STA_7___115KV_9TRANS 80674	60.99 -3.08 0.00	58.86 -3.10 0.00	59.02 -2.72 0.00	55.58 -2.62 0.00	58.27 -2.43 0.00	60.88 -2.34 0.00	68.50 -2.56 0.00	68.55 -3.01 0.00	68.63 -3.16 0.00	67.70 -3.64 0.00	66.24 -3.34 0.00	58.64 -3.02 0.00	55.88 -3.13 0.00	58.44 -3.01 0.00	63.18 -3.75 0.00	66.08 -3.40 0.00	70.55 -3.56 0.00	87.38 -2.74 -1.70	90.33 -2.28 -1.54	84.97 -3.45 0.00	80.48 -3.01 0.00	70.58 -1.44 0.00	69.13 -2.43 0.00	68.64 -2.71 0.00
STA_82___115KV_TB1 80780	60.54 -3.52 0.00	58.49 -3.47 0.00	58.58 -3.15 0.00	55.23 -2.97 0.00	57.90 -2.79 0.00	60.44 -2.78 0.00	68.00 -3.06 0.00	67.98 -3.58 0.00	68.05 -3.73 0.00	67.13 -4.21 0.00	65.61 -3.97 0.00	58.21 -3.45 0.00	55.41 -3.60 0.00	57.95 0.00	62.64 -4.28 0.00	65.53 -3.96 0.00	69.96 -4.15 0.00	86.59 -3.54 -1.71	89.52 -3.10 -1.55	84.26 -4.16 0.00	79.73 -3.76 0.00	70.00 -2.02 0.00	68.56 -3.01 0.00	68.07 -3.28 0.00
STEEL___WIND 323596	59.97 -4.10 0.00	57.81 -4.15 0.00	57.96 -3.77 0.00	54.59 -3.61 0.00	57.24 -3.46 0.00	59.68 -3.54 0.00	66.93 -4.12 0.00	65.97 -5.58 0.00	65.61 -6.17 0.00	64.49 -6.85 0.00	63.11 -6.47 0.00	56.17 -5.49 0.00	53.46 -5.55 0.00	56.10 -5.35 0.00	60.03 -6.89 0.00	63.23 -6.25 0.00	67.36 -6.74 0.00	84.74 -5.92 -2.24	87.54 -5.56 -2.03	82.67 -5.75 0.00	77.64 -5.85 0.00	67.63 -4.40 0.00	67.27 -4.29 0.00	67.79 -3.57 0.00
STEPHTWN_115KV_BK_2 55603	66.70 2.63 0.00	64.50 2.54 0.00	64.26 2.53 0.00	60.65 2.44 0.00	63.18 2.49 0.00	65.75 2.53 0.00	75.51 2.98 -1.47	85.42 3.08 -10.79	83.12 3.30 -8.03	74.77 3.42 0.00	72.64 3.06 0.00	64.31 2.65 0.00	61.42 2.42 0.00	64.03 2.58 0.00	69.67 2.74 0.00	72.41 2.92 0.00	79.95 3.33 -2.51	121.09 3.89 -28.78	130.41 4.01 -35.34	125.24 3.80 -33.02	109.06 3.51 -22.06	81.86 3.02 -6.81	76.65 2.72 -2.36	78.63 3.14 -4.14
STEUBEN_REC_LFGE 323667	60.74 -3.33 0.00	58.80 -3.16 0.00	58.83 -2.90 0.00	55.35 -2.85 0.00	57.90 -2.79 0.00	60.37 -2.84 0.00	68.67 -2.49 -0.10	69.04 -3.22 -0.71	68.58 -3.73 -0.53	66.85 -4.49 0.00	64.92 -4.66 0.00	57.41 -4.25 0.00	54.64 -4.37 0.00	57.15 -4.30 0.00	61.64 -5.29 0.00	65.11 -4.38 0.00	71.01 -3.26 -0.16	90.03 -1.50 -3.12	93.77 -0.73 -3.43	89.44 -1.15 -2.17	84.19 -0.75 -1.45	73.48 1.01 -0.45	71.22 -0.50 -0.16	71.27 -0.36 -0.27
STILLWATER___SOLAR 323814	67.65 3.59 0.00	65.49 3.53 0.00	65.25 3.52 0.00	61.58 3.37 0.00	64.15 3.46 0.00	66.82 3.60 0.00	78.81 4.41 -3.34	100.87 4.72 -24.59	94.91 4.81 -18.31	75.84 4.50 0.00	73.75 4.17 0.00	65.17 3.51 0.00	62.25 3.24 0.00	64.89 3.44 0.00	70.80 3.88 0.00	73.94 4.45 0.00	85.24 5.41 -5.73	149.32 6.81 -54.09	168.22 7.01 -70.14	170.53 6.81 -75.30	140.06 6.26 -50.31	92.67 5.11 -15.53	81.82 4.87 -5.38	85.42 4.64 -9.43
STONY___BROOK 24151	68.36 4.29 0.00	65.93 3.97 0.00	65.37 3.64 0.00	61.69 3.49 0.00	64.15 3.46 0.00	67.07 3.86 0.00	86.15 5.55 -9.54	106.09 6.72 -27.81	103.06 7.33 -23.95	85.28 6.64 -7.30	76.47 6.05 -0.84	66.96 5.30 0.00	63.90 4.89 0.00	66.55 5.10 0.00	73.01 6.09 0.00	90.58 6.46 -14.63	112.02 8.01 -29.91	133.71 10.43 -34.86	139.32 10.65 -37.60	115.07 9.99 -16.66	113.41 8.94 -20.98	102.72 6.55 -24.15	102.87 5.87 -25.44	97.02 5.42 -20.25
STURGEON_POOL_HYD 23609	65.99 1.92 0.00	63.76 1.80 0.00	63.46 1.73 0.00	59.72 1.51 0.00	62.21 1.52 0.00	64.92 1.71 0.00	73.86 2.34 -0.46	78.00 3.08 -3.37	77.88 3.59 -2.51	74.48 3.14 0.00	72.29 2.71 0.00	64.25 2.59 0.00	61.48 2.48 0.00	64.09 2.64 0.00	69.93 3.01 0.00	72.82 3.34 0.00	79.11 4.22 -0.78	108.19 5.84 -13.93	112.59 6.01 -15.51	104.48 5.75 -10.31	95.55 5.18 -6.89	77.89 3.75 -2.13	75.17 2.86 -0.74	75.35 2.71 -1.29
ST_LAW_115_BK7_LBMP 345037	65.03 0.96 0.00	62.77 0.80 0.00	62.53 0.80 0.00	58.96 0.75 0.00	61.37 0.67 0.00	63.85 0.63 0.00	71.13 0.07 0.00	70.98 -0.57 0.00	70.85 -0.94 0.00	70.92 -0.43 0.00	69.44 -0.14 0.00	61.35 -0.31 0.00	59.00 0.00 0.00	61.21 -0.24 0.00	66.72 -0.20 0.00	69.00 -0.48 0.00	72.70 -1.41 0.00	85.68 -2.74 0.00	87.88 -3.19 0.00	85.68 -2.74 0.00	81.48 -2.00 0.00	70.94 -1.08 0.00	71.07 -0.50 0.00	71.21 -0.14 0.00

ST_LAW_115_BK8_LBMP 345038	65.03 0.96 0.00	62.77 0.80 0.00	62.53 0.80 0.00	58.96 0.75 0.00	61.37 0.67 0.00	63.85 0.63 0.00	71.13 0.07 0.00	70.98 -0.57 0.00	70.85 -0.94 0.00	70.92 -0.43 0.00	69.44 -0.14 0.00	61.35 -0.31 0.00	59.00 0.00 0.00	61.21 -0.24 0.00	66.72 -0.20 0.00	69.00 -0.48 0.00	72.70 -1.41 0.00	85.68 -2.74 0.00	87.88 -3.19 0.00	85.68 -2.74 0.00	81.48 -2.00 0.00	70.94 -1.08 0.00	71.07 -0.50 0.00	71.21 -0.14 0.00
ST_LAW_230_BK5_LBMP 345035	64.90 0.83 0.00	62.64 0.68 0.00	62.41 0.68 0.00	58.84 0.64 0.00	61.30 0.61 0.00	63.79 0.57 0.00	71.13 0.07 0.00	70.98 -0.57 0.00	70.93 -0.86 0.00	70.92 -0.43 0.00	69.37 -0.21 0.00	61.35 -0.31 0.00	58.95 -0.06 0.00	61.21 -0.24 0.00	66.72 -0.20 0.00	69.00 -0.48 0.00	72.77 -1.33 0.00	85.85 -2.57 0.00	88.06 -3.00 0.00	85.85 -2.57 0.00	81.48 -2.00 0.00	71.01 -1.01 0.00	71.07 -0.50 0.00	71.21 -0.14 0.00
ST_LAW_230_BK6_LBMP 345036	64.90 0.83 0.00	62.64 0.68 0.00	62.41 0.68 0.00	58.84 0.64 0.00	61.30 0.61 0.00	63.79 0.57 0.00	71.13 0.07 0.00	70.98 -0.57 0.00	70.93 -0.86 0.00	70.92 -0.43 0.00	69.37 -0.21 0.00	61.35 -0.31 0.00	58.95 -0.06 0.00	61.21 -0.24 0.00	66.72 -0.20 0.00	69.00 -0.48 0.00	72.77 -1.33 0.00	85.85 -2.57 0.00	88.06 -3.00 0.00	85.85 -2.57 0.00	81.48 -2.00 0.00	71.01 -1.01 0.00	71.07 -0.50 0.00	71.21 -0.14 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	65.54 1.47 0.00	63.32 1.36 0.00	63.03 1.30 0.00	59.31 1.11 0.00	61.79 1.09 0.00	64.48 1.26 0.00	73.49 2.13 -0.30	76.67 2.93 -2.18	76.79 3.37 -1.62	74.20 2.85 0.00	72.08 2.50 0.00	64.00 2.34 0.00	61.25 2.24 0.00	63.79 2.34 0.00	69.60 2.68 0.00	72.48 2.99 0.00	78.54 3.93 -0.51	104.82 5.31 -11.09	108.55 5.56 -11.92	100.41 5.31 -6.68	92.71 4.76 -4.46	76.86 3.46 -1.38	74.76 2.72 -0.48	74.76 2.57 -0.84
SWANROAD_115KV_TB1 355699	57.60 -6.47 0.00	55.64 -6.32 0.00	55.87 -5.86 0.00	52.67 -5.53 0.00	55.23 -5.46 0.00	57.65 -5.56 0.00	64.45 -6.61 0.00	63.47 -8.09 0.00	63.24 -8.54 0.00	62.21 -9.13 0.00	61.02 -8.56 0.00	54.38 -7.28 0.00	51.63 -7.38 0.00	54.14 -7.31 0.00	58.29 -8.63 0.00	60.94 -8.55 0.00	64.77 -9.34 0.00	81.04 -9.46 0.00	83.66 -9.29 0.00	78.61 -9.81 0.00	74.47 -9.02 0.00	66.33 -5.69 0.00	64.70 -6.87 0.00	64.50 -6.85 0.00
SYNERGY___BIOGAS 323694	60.61 -3.46 0.00	58.31 -3.66 0.00	58.59 -3.15 0.00	55.17 -3.03 0.00	57.97 -2.73 0.00	60.50 -2.72 0.00	68.08 -2.98 0.00	67.62 -3.94 0.00	67.48 -4.31 0.00	66.28 -5.06 0.00	64.92 -4.66 0.00	57.41 -4.25 0.00	54.64 -4.37 0.00	57.33 -4.12 0.00	61.50 -5.42 0.00	64.76 -4.73 0.00	69.06 -5.04 0.00	86.47 -3.89 -1.94	89.45 -3.37 -1.75	84.53 -3.89 0.00	79.14 -4.35 0.00	68.78 -3.24 0.00	68.42 -3.15 0.00	68.57 -2.78 0.00
SYRACUSE___ENERGY_ST1 323597	61.89 -2.18 0.00	59.85 -2.11 0.00	59.70 -2.04 0.00	56.28 -1.92 0.00	58.81 -1.88 0.00	61.26 -1.96 0.00	69.14 -1.92 0.00	69.77 -1.79 0.00	69.99 -1.79 0.00	69.34 -2.00 0.00	67.49 -2.09 0.00	59.81 -1.85 0.00	57.18 -1.83 0.00	59.61 -1.84 0.00	64.78 -2.14 0.00	67.47 -2.02 0.00	72.33 -1.78 0.00	87.09 -1.33 0.00	89.97 -1.09 0.00	87.01 -1.41 0.00	82.07 -1.42 0.00	71.16 -0.86 0.00	69.99 -1.57 0.00	69.64 -1.71 0.00
SYRACUSE___ENERGY_ST2 323598	61.89 -2.18 0.00	59.85 -2.11 0.00	59.70 -2.04 0.00	56.28 -1.92 0.00	58.81 -1.88 0.00	61.26 -1.96 0.00	69.14 -1.92 0.00	69.77 -1.79 0.00	69.99 -1.79 0.00	69.34 -2.00 0.00	67.49 -2.09 0.00	59.81 -1.85 0.00	57.18 -1.83 0.00	59.61 -1.84 0.00	64.78 -2.14 0.00	67.47 -2.02 0.00	72.33 -1.78 0.00	87.09 -1.33 0.00	89.97 -1.09 0.00	87.01 -1.41 0.00	82.07 -1.42 0.00	71.16 -0.86 0.00	69.99 -1.57 0.00	69.64 -1.71 0.00
SYRACUSE___POWER 24017	62.08 -1.99 0.00	60.10 -1.86 0.00	59.88 -1.85 0.00	56.46 -1.75 0.00	59.00 -1.70 0.00	61.51 -1.71 0.00	69.42 -1.63 0.00	70.05 -1.50 0.00	70.28 -1.51 0.00	69.63 -1.71 0.00	67.77 -1.81 0.00	60.06 -1.60 0.00	57.35 -1.65 0.00	59.85 -1.60 0.00	65.05 -1.87 0.00	67.75 -1.74 0.00	72.70 -1.41 0.00	89.01 -0.88 -1.47	91.76 -0.64 -1.34	87.36 -1.06 0.00	82.40 -1.09 0.00	71.44 -0.58 0.00	70.28 -1.29 0.00	69.93 -1.43 0.00
TALLMAN___138KV_BK151 55660	65.61 1.54 0.00	63.39 1.43 0.00	63.03 1.30 0.00	59.31 1.11 0.00	61.79 1.09 0.00	64.55 1.33 0.00	73.57 2.20 -0.30	77.02 3.22 -2.24	77.19 3.73 -1.67	74.55 3.21 0.00	72.36 2.78 0.00	64.31 2.65 0.00	61.48 2.48 0.00	64.03 2.58 0.00	69.87 2.94 0.00	72.75 3.27 0.00	78.93 4.30 -0.52	105.56 5.75 -11.39	109.32 6.01 -12.25	101.04 5.75 -6.87	93.17 5.09 -4.59	77.18 3.75 -1.42	74.92 2.86 -0.49	75.00 2.78 -0.86
TEALLAVE_115KV_TB7 355573	61.76 -2.31 0.00	59.79 -2.17 0.00	59.63 -2.10 0.00	56.22 -1.98 0.00	58.75 -1.94 0.00	61.19 -2.02 0.00	69.07 -1.99 0.00	69.70 -1.86 0.00	69.92 -1.87 0.00	69.27 -2.07 0.00	67.49 -2.09 0.00	59.81 -1.85 0.00	57.12 -1.89 0.00	59.61 -1.84 0.00	64.78 -2.14 0.00	67.47 -2.02 0.00	72.33 -1.78 0.00	87.01 -1.41 0.00	89.88 -1.18 0.00	86.92 -1.50 0.00	81.99 -1.50 0.00	71.01 -1.01 0.00	69.92 -1.65 0.00	69.57 -1.78 0.00
TELGRAPH_34_KV_EAST 80808	59.26 -4.81 0.00	57.25 -4.71 0.00	57.47 -4.26 0.00	54.13 -4.07 0.00	56.81 -3.88 0.00	59.30 -3.92 0.00	66.51 -4.55 0.00	65.83 -5.72 0.00	65.68 -6.10 0.00	64.64 -6.71 0.00	63.25 -6.33 0.00	56.23 -5.43 0.00	53.46 -5.55 0.00	55.98 -5.47 0.00	60.36 -6.56 0.00	63.16 -6.32 0.00	67.21 -6.89 0.00	84.13 -6.28 -1.99	86.95 -5.92 -1.80	81.43 -6.99 0.00	77.23 -6.26 0.00	68.49 -3.53 0.00	66.84 -4.72 0.00	66.57 -4.78 0.00
TEMPLE___115KV_TB 2 55572	61.83 -2.24 0.00	59.79 -2.17 0.00	59.63 -2.10 0.00	56.22 -1.98 0.00	58.75 -1.94 0.00	61.26 -1.96 0.00	69.14 -1.92 0.00	69.77 -1.79 0.00	69.92 -1.87 0.00	69.27 -2.07 0.00	67.49 -2.09 0.00	59.81 -1.85 0.00	57.12 -1.89 0.00	59.61 -1.84 0.00	64.78 -2.14 0.00	67.47 -2.02 0.00	72.33 -1.78 0.00	87.09 -1.33 0.00	89.97 -1.09 0.00	86.92 -1.50 0.00	81.99 -1.50 0.00	71.08 -0.94 0.00	69.92 -1.65 0.00	69.57 -1.78 0.00
TIANA____69_KV_BK 1 55817	68.75 4.68 0.00	66.36 4.40 0.00	65.75 4.01 0.00	61.93 3.72 0.00	64.40 3.70 0.00	67.39 4.17 0.00	86.57 5.97 -9.54	106.52 7.16 -27.81	103.27 7.54 -23.95	85.49 6.85 -7.30	76.47 6.05 -0.84	66.90 5.24 0.00	63.84 4.84 0.00	66.43 4.98 0.00	72.81 5.89 0.00	90.51 6.39 -14.63	112.09 8.08 -29.91	133.89 10.61 -34.86	139.58 10.93 -37.58	114.80 9.73 -16.66	112.99 8.52 -20.98	102.72 6.55 -24.15	102.80 5.80 -25.44	97.45 5.85 -20.25
TILDEN___115KV_TB1 80814	62.08 -1.99 0.00	60.10 -1.86 0.00	59.88 -1.85 0.00	56.46 -1.75 0.00	59.00 -1.70 0.00	61.51 -1.71 0.00	69.42 -1.63 0.00	70.05 -1.50 0.00	70.28 -1.51 0.00	69.63 -1.71 0.00	67.77 -1.81 0.00	60.06 -1.60 0.00	57.35 -1.65 0.00	59.85 -1.60 0.00	65.05 -1.87 0.00	67.75 -1.74 0.00	72.70 -1.41 0.00	89.01 -0.88 -1.47	91.76 -0.64 -1.34	87.36 -1.06 0.00	82.40 -1.09 0.00	71.44 -0.58 0.00	70.28 -1.29 0.00	69.93 -1.43 0.00

TRIGEN___CC 323695	66.95 2.88 0.00	64.63 2.66 0.00	64.20 2.47 0.00	60.41 2.21 0.00	62.88 2.19 0.00	65.68 2.47 0.00	84.37 3.77 -9.54	104.16 4.79 -27.81	101.12 5.38 -23.95	83.56 4.92 -7.30	74.87 4.45 -0.84	65.67 4.01 0.00	62.78 3.78 0.00	65.32 3.87 0.00	71.41 4.48 0.00	89.05 4.93 -14.63	110.09 6.08 -29.91	131.24 7.96 -34.86	136.88 8.29 -37.53	112.86 7.78 -16.66	111.57 7.10 -20.98	101.64 5.47 -24.15	101.51 4.51 -25.44	95.95 4.35 -20.25
TRINITY___115KV___4 BK 55933	65.93 1.86 0.00	63.76 1.80 0.00	63.52 1.79 0.00	59.95 1.75 0.00	62.46 1.76 0.00	64.92 1.71 0.00	74.91 2.13 -1.72	86.54 2.29 -12.69	83.75 2.51 -9.45	73.91 2.57 0.00	71.87 2.30 0.00	63.70 2.03 0.00	60.95 1.95 0.00	63.48 2.03 0.00	69.06 2.14 0.00	71.64 2.15 0.00	79.51 2.45 -2.95	123.51 2.83 -32.26	134.12 2.91 -40.14	130.01 2.74 -38.85	111.95 2.50 -25.96	82.19 2.16 -8.01	76.20 1.86 -2.78	78.43 2.21 -4.87
UNION___PROCESSING_DRP 323587	60.54 -3.52 0.00	58.49 -3.47 0.00	58.65 -3.09 0.00	55.23 -2.97 0.00	57.90 -2.79 0.00	60.44 -2.78 0.00	68.00 -3.06 0.00	68.05 -3.51 0.00	68.05 -3.73 0.00	67.13 -4.21 0.00	65.68 -3.90 0.00	58.21 -3.45 0.00	55.41 -3.60 0.00	57.95 -3.50 0.00	62.71 -4.22 0.00	65.53 -3.96 0.00	69.96 -4.15 0.00	86.68 -3.45 -1.71	89.52 -3.10 -1.55	84.35 -4.07 0.00	79.82 -3.67 0.00	70.00 -2.02 0.00	68.56 -3.01 0.00	68.14 -3.21 0.00
UPPER HUDSON___HYD 24058	68.55 4.48 0.00	66.43 4.46 0.00	66.18 4.45 0.00	62.40 4.19 0.00	65.07 4.37 0.00	67.77 4.55 0.00	80.15 5.61 -3.48	103.05 5.87 -25.63	96.82 5.96 -19.08	76.98 5.63 0.00	74.94 5.36 0.00	65.91 4.25 0.00	62.90 3.89 0.00	65.57 4.12 0.00	71.54 4.61 0.00	74.91 5.42 0.00	86.59 6.52 -5.97	152.63 8.22 -55.99	172.29 8.47 -72.75	175.00 8.13 -78.46	143.50 7.60 -52.42	94.61 6.41 -16.18	83.25 6.08 -5.61	86.89 5.71 -9.82
UPPER RAQUET___HYD 24056	66.06 1.99 0.00	63.69 1.73 0.00	63.46 1.73 0.00	59.95 1.74 0.00	62.03 1.33 0.00	64.23 1.01 0.00	71.56 0.50 0.00	71.41 -0.14 0.00	71.14 -0.65 0.00	71.56 0.21 0.00	69.86 0.28 0.00	61.60 -0.06 0.00	59.59 0.59 0.00	61.51 0.06 0.00	67.06 0.13 0.00	69.07 -0.41 0.00	72.70 -1.41 0.00	85.68 -2.74 0.00	87.51 -3.55 0.00	85.85 -2.57 0.00	81.65 -1.84 0.00	71.44 -0.58 0.00	72.07 0.50 0.00	72.49 1.14 0.00
VALLEY44_115KV_TB2 355964	60.29 -3.78 0.00	58.31 -3.66 0.00	58.46 -3.27 0.00	55.00 -3.20 0.00	57.66 -3.03 0.00	60.06 -3.16 0.00	67.66 -3.48 -0.08	66.85 -5.30 -0.59	67.13 -5.10 -0.44	64.71 -6.63 0.00	63.25 -6.33 0.00	56.48 -5.18 0.00	53.81 -5.19 0.00	56.29 -5.16 0.00	60.70 -6.22 0.00	63.58 -5.91 0.00	68.24 -6.00 -0.14	85.83 -5.22 -2.63	89.13 -4.83 -2.89	84.76 -5.48 -1.82	79.53 -5.18 -1.21	69.59 -2.81 -0.37	67.69 -4.01 -0.13	68.44 -3.14 -0.23
VALLEY___115KV_TB 1-4 80826	65.41 1.35 0.00	63.14 1.18 0.00	62.72 0.99 0.00	59.08 0.87 0.00	61.55 0.85 0.00	64.23 1.01 0.00	72.48 1.42 0.00	73.06 1.50 0.00	73.29 1.51 0.00	72.48 1.14 0.00	70.48 0.90 0.00	62.28 0.62 0.00	59.36 0.35 0.00	61.82 0.37 0.00	67.39 0.47 0.00	70.04 0.56 0.00	75.22 1.11 0.00	90.28 1.86 0.00	93.34 2.28 0.00	90.72 2.30 0.00	85.74 2.25 0.00	74.18 2.16 0.00	73.71 2.15 0.00	73.64 2.28 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	67.08 3.01 0.00	65.06 3.10 0.00	64.82 3.09 0.00	61.05 2.85 0.00	63.73 3.03 0.00	66.44 3.22 0.00	75.58 4.05 -0.47	79.54 4.51 -3.48	79.26 4.88 -2.59	75.84 4.49 0.00	73.82 4.24 0.00	65.11 3.45 0.00	62.19 3.19 0.00	64.83 3.38 0.00	70.60 3.68 0.00	73.45 3.96 0.00	79.95 5.04 -0.81	106.07 6.90 -10.75	111.26 7.47 -12.73	106.23 7.16 -10.64	97.20 6.60 -7.11	79.69 5.47 -2.20	77.19 4.87 -0.76	77.47 4.78 -1.33
VISCHER___FERRY HYD 24020	66.82 2.75 0.00	64.62 2.66 0.00	64.39 2.65 0.00	60.70 2.50 0.00	63.30 2.61 0.00	65.87 2.65 0.00	77.27 3.34 -2.87	96.38 3.72 -21.11	91.45 3.95 -15.72	74.98 3.64 0.00	73.06 3.48 0.00	64.68 3.02 0.00	61.84 2.83 0.00	64.40 2.95 0.00	70.20 3.28 0.00	73.17 3.68 0.00	83.39 4.37 -4.91	141.58 5.48 -47.67	158.14 5.74 -61.34	158.53 5.48 -64.63	131.68 5.01 -43.18	89.31 3.96 -13.33	79.91 3.72 -4.62	83.01 3.57 -8.09
V_A_10_SYNC_DSASP 323832	59.07 -5.00 0.00	57.00 -4.96 0.00	57.17 -4.57 0.00	53.84 -4.37 0.00	56.45 -4.25 0.00	58.92 -4.30 0.00	66.01 -5.04 0.00	65.47 -6.08 0.00	65.40 -6.39 0.00	64.49 -6.85 0.00	63.18 -6.40 0.00	56.05 -5.61 0.00	53.34 -5.66 0.00	55.98 -5.47 0.00	60.10 -6.83 0.00	63.03 -6.46 0.00	67.06 -7.04 0.00	83.58 -6.72 -1.88	86.21 -6.56 -1.70	81.70 -6.72 0.00	76.73 -6.76 0.00	66.69 -5.33 0.00	66.41 -5.15 0.00	66.50 -4.85 0.00
V_CMM_10_SYNC_DSASP 323787	65.35 1.28 0.00	63.08 1.12 0.00	62.85 1.11 0.00	59.25 1.05 0.00	61.66 0.97 0.00	64.23 1.01 0.00	71.56 0.50 0.00	71.34 -0.21 0.00	71.21 -0.58 0.00	71.27 -0.07 0.00	69.72 0.14 0.00	61.60 -0.06 0.00	59.24 0.24 0.00	61.51 0.06 0.00	66.99 0.07 0.00	69.35 -0.14 0.00	73.07 -1.04 0.00	86.04 -2.38 0.00	88.24 -2.82 0.00	86.12 -2.30 0.00	81.82 -1.67 0.00	71.37 -0.65 0.00	71.49 -0.07 0.00	71.64 0.29 0.00
V_CMP_10_SYNC_DSASP 323788	66.44 2.37 0.00	64.00 2.04 0.00	63.77 2.03 0.00	59.95 1.74 0.00	62.27 1.58 0.00	64.80 1.58 0.00	71.41 0.36 0.00	71.06 -0.50 0.00	70.64 -1.15 0.00	70.41 -0.93 0.00	68.60 -0.97 0.00	60.49 -1.17 0.00	58.18 -0.83 0.00	60.41 -1.05 0.00	65.85 -1.07 0.00	68.31 -1.18 0.00	72.18 -1.93 0.00	85.06 -3.36 0.00	87.42 -3.65 0.00	85.32 -3.10 0.00	81.32 -2.17 0.00	70.94 -1.08 0.00	71.28 -0.29 0.00	72.35 1.00 0.00
V_D_10_SYNC_DSASP 323841	65.80 1.73 0.00	63.51 1.55 0.00	63.28 1.54 0.00	59.71 1.51 0.00	62.03 1.33 0.00	64.55 1.33 0.00	71.91 0.86 0.00	71.70 0.14 0.00	71.57 -0.21 0.00	71.63 0.29 0.00	70.07 0.49 0.00	61.85 0.19 0.00	59.71 0.71 0.00	61.76 0.31 0.00	67.33 0.40 0.00	69.63 0.14 0.00	73.37 -0.74 0.00	86.39 -2.03 0.00	88.34 -2.73 0.00	86.47 -1.95 0.00	82.24 -1.25 0.00	71.73 -0.29 0.00	71.93 0.36 0.00	72.14 0.79 0.00
V_E_10_SYNC_DSASP 323830	67.59 3.52 0.00	65.18 3.22 0.00	64.94 3.21 0.00	61.17 2.97 0.00	63.91 3.21 0.00	66.95 3.73 0.00	76.18 4.90 -0.22	78.61 5.44 -1.62	78.44 5.45 -1.20	76.12 4.78 0.00	73.82 4.24 0.00	64.68 3.02 0.00	61.66 2.66 0.00	64.52 3.07 0.00	70.27 3.34 0.00	73.66 4.17 0.00	80.48 6.00 -0.38	103.29 9.11 -5.76	107.96 10.29 -6.61	103.44 10.08 -4.95	95.48 8.68 -3.30	80.10 7.06 -1.02	78.50 6.58 -0.35	78.61 6.64 -0.62
V_F_30_NSYNC___DSASP 323816	67.72 3.65 0.00	65.55 3.59 0.00	65.31 3.58 0.00	61.64 3.43 0.00	64.22 3.52 0.00	66.82 3.60 0.00	78.94 4.48 -3.40	101.41 4.79 -25.06	95.33 4.88 -18.66	75.91 4.57 0.00	73.89 4.32 0.00	65.24 3.57 0.00	62.31 3.30 0.00	64.95 3.50 0.00	70.87 3.95 0.00	74.00 4.51 0.00	85.35 5.41 -5.83	150.26 6.90 -54.94	169.49 7.11 -71.31	171.94 6.81 -76.71	141.09 6.34 -51.25	93.03 5.19 -15.82	81.98 4.93 -5.48	85.67 4.71 -9.61

V_F_30_SYNC_DSASP 323786	65.99 1.92 0.00	63.88 1.92 0.00	63.65 1.91 0.00	60.01 1.80 0.00	62.58 1.88 0.00	65.05 1.83 0.00	75.53 2.27 -2.19	90.07 2.36 -16.15	86.47 2.66 -12.03	74.05 2.71 0.00	71.94 2.37 0.00	63.82 2.16 0.00	61.01 2.01 0.00	63.54 2.09 0.00	69.13 2.21 0.00	71.71 2.22 0.00	80.46 2.59 -3.76	130.03 3.01 -38.60	143.02 3.10 -48.86	140.70 2.83 -49.45	119.12 2.59 -33.04	84.53 2.30 -10.20	77.03 1.93 -3.54	79.90 2.35 -6.19
V_XM_10_SYNC_DSASP 323789	66.44 2.37 0.00	64.00 2.04 0.00	63.77 2.03 0.00	59.95 1.74 0.00	62.27 1.58 0.00	64.80 1.58 0.00	71.41 0.36 0.00	71.06 -0.50 0.00	70.64 -1.15 0.00	70.41 -0.93 0.00	68.60 -0.97 0.00	60.49 -1.17 0.00	58.18 -0.83 0.00	60.41 -1.05 0.00	65.85 -1.07 0.00	68.31 -1.18 0.00	72.18 -1.93 0.00	85.06 -3.36 0.00	87.42 -3.65 0.00	85.32 -3.10 0.00	81.32 -2.17 0.00	70.94 -1.08 0.00	71.28 -0.29 0.00	72.35 1.00 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	65.80 1.73 0.00	63.57 1.61 0.00	63.21 1.48 0.00	59.48 1.28 0.00	61.97 1.27 0.00	64.73 1.52 0.00	73.85 2.49 -0.31	77.25 3.43 -2.26	77.42 3.95 -1.68	74.77 3.42 0.00	72.57 2.99 0.00	64.44 2.77 0.00	61.66 2.66 0.00	64.22 2.77 0.00	70.07 3.15 0.00	72.96 3.47 0.00	79.23 4.59 -0.53	105.98 6.10 -11.46	109.76 6.37 -12.32	101.35 6.01 -6.92	93.54 5.43 -4.62	77.48 4.03 -1.43	75.21 3.15 -0.49	75.22 3.00 -0.87
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	66.57 2.50 0.00	64.19 2.23 0.00	63.83 2.10 0.00	60.07 1.86 0.00	62.52 1.82 0.00	65.43 2.21 0.00	74.79 3.41 -0.32	78.63 4.72 -2.35	78.85 5.31 -1.75	76.27 4.92 0.00	73.89 4.31 0.00	65.61 3.95 0.00	62.72 3.72 0.00	65.32 3.87 0.00	71.27 4.35 0.00	74.28 4.79 0.00	80.43 5.78 -0.55	107.92 7.60 -11.90	111.61 7.74 -12.80	102.97 7.34 -7.21	94.98 6.68 -4.82	78.40 4.90 -1.49	76.23 4.15 -0.52	76.25 4.00 -0.90
W50THST__13_KV_LOAD 356117	66.63 2.56 0.00	64.25 2.29 0.00	63.89 2.16 0.00	60.12 1.92 0.00	62.58 1.88 0.00	65.49 2.28 0.00	74.86 3.48 -0.32	78.70 4.79 -2.35	78.92 5.38 -1.75	76.27 4.92 0.00	73.96 4.38 0.00	65.67 4.01 0.00	62.78 3.78 0.00	65.38 3.93 0.00	71.34 4.42 0.00	74.35 4.86 0.00	80.51 5.85 -0.55	107.92 7.60 -11.90	111.70 7.83 -12.80	103.05 7.43 -7.21	94.98 6.68 -4.82	78.48 4.97 -1.49	76.30 4.22 -0.52	76.32 4.07 -0.90
WADING RIVER_IC_1 23522	68.36 4.29 0.00	65.99 4.03 0.00	65.37 3.64 0.00	61.75 3.55 0.00	64.15 3.46 0.00	67.14 3.92 0.00	86.21 5.61 -9.54	106.16 6.80 -27.81	102.98 7.25 -23.95	85.13 6.49 -7.30	76.26 5.85 -0.84	66.72 5.06 0.00	63.66 4.66 0.00	66.25 4.80 0.00	72.74 5.82 0.00	90.30 6.18 -14.63	111.80 7.78 -29.91	133.53 10.25 -34.86	139.12 10.47 -37.58	114.19 9.11 -16.66	112.32 7.85 -20.98	101.79 5.62 -24.15	102.30 5.30 -25.44	96.59 4.99 -20.25
WADING RIVER_IC_2 23547	68.36 4.29 0.00	65.99 4.03 0.00	65.37 3.64 0.00	61.75 3.55 0.00	64.15 3.46 0.00	67.14 3.92 0.00	86.21 5.61 -9.54	106.16 6.80 -27.81	102.98 7.25 -23.95	85.13 6.49 -7.30	76.26 5.85 -0.84	66.72 5.06 0.00	63.66 4.66 0.00	66.25 4.80 0.00	72.74 5.82 0.00	90.30 6.18 -14.63	111.80 7.78 -29.91	133.53 10.25 -34.86	139.12 10.47 -37.58	114.19 9.11 -16.66	112.32 7.85 -20.98	101.79 5.62 -24.15	102.30 5.30 -25.44	96.59 4.99 -20.25
WADING RIVER_IC_3 23601	68.36 4.29 0.00	65.99 4.03 0.00	65.37 3.64 0.00	61.75 3.55 0.00	64.15 3.46 0.00	67.14 3.92 0.00	86.21 5.61 -9.54	106.16 6.80 -27.81	102.98 7.25 -23.95	85.13 6.49 -7.30	76.26 5.85 -0.84	66.72 5.06 0.00	63.66 4.66 0.00	66.25 4.80 0.00	72.74 5.82 0.00	90.30 6.18 -14.63	111.80 7.78 -29.91	133.53 10.25 -34.86	139.12 10.47 -37.58	114.19 9.11 -16.66	112.32 7.85 -20.98	101.79 5.62 -24.15	102.30 5.30 -25.44	96.59 4.99 -20.25
WALDENNY_12_KV_BK2 80841	59.71 -4.36 0.00	57.75 -4.21 0.00	57.91 -3.83 0.00	54.54 -3.67 0.00	57.18 -3.52 0.00	59.61 -3.60 0.00	66.94 -4.12 0.00	65.97 -5.58 0.00	65.61 -6.17 0.00	64.49 -6.85 0.00	63.18 -6.40 0.00	56.36 -5.30 0.00	53.58 -5.43 0.00	56.11 -5.35 0.00	60.36 -6.56 0.00	63.23 -6.25 0.00	67.36 -6.74 0.00	84.72 -5.92 -2.23	87.44 -5.65 -2.02	82.05 -6.37 0.00	77.64 -5.84 0.00	69.00 -3.02 0.00	67.27 -4.29 0.00	67.21 -4.14 0.00
WALDEN__HYDRO 24148	65.99 1.92 0.00	63.76 1.80 0.00	63.40 1.67 0.00	59.72 1.51 0.00	62.15 1.46 0.00	64.92 1.71 0.00	74.00 2.63 -0.32	77.26 3.36 -2.34	77.33 3.80 -1.74	74.55 3.21 0.00	72.43 2.85 0.00	64.31 2.65 0.00	61.48 2.48 0.00	64.09 2.64 0.00	69.93 3.01 0.00	72.89 3.40 0.00	79.10 4.45 -0.54	106.07 6.01 -11.64	109.90 6.28 -12.55	101.59 6.01 -7.15	93.70 5.43 -4.78	77.53 4.03 -1.48	75.23 3.15 -0.51	75.32 3.07 -0.90
WARRENSBURG____ 23737	68.55 4.48 0.00	66.43 4.46 0.00	66.18 4.45 0.00	62.40 4.19 0.00	65.07 4.37 0.00	67.77 4.55 0.00	80.15 5.61 -3.48	103.05 5.87 -25.63	96.82 5.96 -19.08	76.98 5.63 0.00	74.94 5.36 0.00	65.91 4.25 0.00	62.90 3.89 0.00	65.57 4.12 0.00	71.54 4.61 0.00	74.91 5.42 0.00	86.59 6.52 -5.97	152.63 8.22 -55.99	172.29 8.47 -72.75	175.00 8.13 -78.46	143.50 7.60 -52.42	94.61 6.41 -16.18	83.25 6.08 -5.61	86.89 5.71 -9.82
WATERSIDE____6 8 9 23538	65.99 1.92 0.00	63.57 1.61 0.00	63.15 1.42 0.00	59.37 1.16 0.00	61.79 1.09 0.00	64.67 1.45 0.00	73.94 2.56 -0.32	77.70 3.79 -2.35	77.99 4.45 -1.75	75.34 4.00 0.00	73.13 3.55 0.00	64.65 3.33 0.34	61.86 3.25 0.39	64.34 3.26 0.37	70.54 3.61 0.00	73.52 4.03 0.00	78.25 5.41 1.27	106.21 7.16 -10.63	109.88 7.38 -11.43	100.95 6.99 -5.54	92.48 6.26 -2.73	76.16 4.54 0.40	75.52 3.44 -0.52	75.54 3.28 -0.90
WATKINRD_115KV_LN8_ILLION 55919	66.63 2.56 0.00	64.25 2.29 0.00	63.83 2.10 0.00	60.01 1.80 0.00	62.52 1.82 0.00	65.37 2.15 0.00	73.83 2.77 0.00	74.42 2.86 0.00	74.66 2.87 0.00	73.70 2.35 0.00	71.60 2.02 0.00	63.14 1.48 0.00	60.07 1.06 0.00	62.56 1.11 0.00	68.19 1.27 0.00	71.02 1.53 0.00	76.48 2.37 0.00	91.87 3.45 0.00	95.16 4.10 0.00	92.58 4.16 0.00	87.50 4.01 0.00	75.84 3.82 0.00	75.36 3.79 0.00	75.28 3.92 0.00
WATSON__69_KV_BK 1 55734	68.81 4.74 0.00	66.42 4.46 0.00	65.81 4.07 0.00	62.04 3.84 0.00	64.46 3.76 0.00	67.45 4.24 0.00	86.57 5.97 -9.54	106.52 7.16 -27.81	103.27 7.54 -23.95	85.56 6.92 -7.30	76.82 6.40 -0.84	67.27 5.61 0.00	64.20 5.19 0.00	66.86 5.41 0.00	73.28 6.36 0.00	90.93 6.81 -14.63	112.39 8.37 -29.91	134.07 10.79 -34.86	139.64 11.02 -37.56	115.60 10.52 -16.66	113.99 9.52 -20.98	103.73 7.56 -24.15	103.45 6.44 -25.44	97.81 6.21 -20.25
WDELAWARE__HYD 323627	65.93 1.86 0.00	63.69 1.73 0.00	63.40 1.67 0.00	59.71 1.51 0.00	62.15 1.45 0.00	64.99 1.77 0.00	74.09 2.70 -0.33	77.35 3.36 -2.43	77.47 3.87 -1.81	74.34 3.00 0.00	72.08 2.50 0.00	64.00 2.34 0.00	61.19 2.18 0.00	63.79 2.33 0.00	69.73 2.81 0.00	72.69 3.20 0.00	79.19 4.52 -0.57	106.16 6.28 -11.46	110.10 6.56 -12.47	102.23 6.37 -7.44	94.14 5.68 -4.97	77.37 3.81 -1.54	75.32 3.22 -0.53	75.28 3.00 -0.93

WEST BABYLON___IC 23714	68.36 4.29 0.00	65.99 4.03 0.00	65.44 3.70 0.00	61.64 3.43 0.00	64.10 3.40 0.00	67.01 3.79 0.00	86.07 5.47 -9.54	105.95 6.58 -27.81	102.77 7.04 -23.95	85.13 6.49 -7.30	76.33 5.91 -0.84	66.90 5.24 0.00	63.84 4.84 0.00	66.49 5.04 0.00	72.81 5.89 0.00	90.51 6.39 -14.63	111.95 7.93 -29.91	133.54 10.26 -34.86	139.17 10.56 -37.54	115.16 10.08 -16.66	113.66 9.18 -20.98	103.37 7.20 -24.15	103.09 6.08 -25.44	97.45 5.85 -20.25
WEST CANADA___HYD 24049	64.39 0.32 0.00	62.27 0.31 0.00	62.04 0.31 0.00	58.50 0.29 0.00	61.00 0.31 0.00	63.54 0.32 0.00	71.56 0.50 0.00	72.20 0.64 0.00	72.58 0.79 0.00	71.98 0.64 0.00	70.13 0.55 0.00	62.15 0.49 0.00	59.42 0.42 0.00	61.94 0.49 0.00	67.46 0.53 0.00	70.11 0.62 0.00	75.00 0.89 0.00	89.66 1.24 0.00	92.34 1.27 0.00	89.66 1.24 0.00	84.57 1.08 0.00	72.74 0.72 0.00	72.21 0.64 0.00	71.92 0.57 0.00
WESTERN_NY_WIND 24143	60.29 -3.78 0.00	58.24 -3.72 0.00	58.52 -3.21 0.00	55.06 -3.14 0.00	57.84 -2.85 0.00	60.37 -2.84 0.00	67.93 -3.13 0.00	67.41 -4.15 0.00	67.26 -4.52 0.00	66.13 -5.21 0.00	64.71 -4.87 0.00	57.41 -4.25 0.00	54.52 -4.48 0.00	57.15 -4.30 0.00	61.57 -5.35 0.00	64.62 -4.86 0.00	68.92 -5.19 0.00	86.22 -4.16 -1.96	89.20 -3.64 -1.77	83.47 -4.95 0.00	79.06 -4.42 0.00	70.00 -2.02 0.00	68.27 -3.29 0.00	67.93 -3.42 0.00
WESTOVER___LESR 323668	63.17 -0.90 0.00	61.16 -0.81 0.00	60.99 -0.74 0.00	57.50 -0.70 0.00	60.09 -0.61 0.00	62.59 -0.63 0.00	70.78 -0.43 -0.15	72.06 -0.57 -1.08	72.09 -0.50 -0.80	70.56 -0.78 0.00	68.74 -0.83 0.00	60.80 -0.86 0.00	58.06 -0.94 0.00	60.59 -0.86 0.00	65.85 -1.07 0.00	68.58 -0.90 0.00	73.99 -0.37 -0.25	93.59 0.53 -4.64	97.02 0.82 -5.13	92.17 0.44 -3.30	85.95 0.25 -2.21	73.35 0.65 -0.68	71.66 -0.14 -0.24	71.69 -0.07 -0.41
WETHRSFD_WT_PWR 323626	60.03 -4.03 0.00	57.81 -4.15 0.00	57.91 -3.83 0.00	54.54 -3.66 0.00	57.12 -3.58 0.00	59.49 -3.73 0.00	67.02 -4.12 -0.08	66.86 -5.29 -0.60	66.27 -5.96 -0.44	64.63 -6.71 0.00	63.03 -6.54 0.00	55.86 -5.80 0.00	53.22 -5.78 0.00	55.80 -5.65 0.00	59.96 -6.96 0.00	63.23 -6.25 0.00	68.09 -6.15 -0.14	85.84 -5.22 -2.64	89.23 -4.74 -2.90	85.47 -4.78 -1.83	79.95 -4.76 -1.22	68.87 -3.53 -0.38	68.12 -3.58 -0.13	68.59 -2.99 -0.23
WHAVSTOR_138KV_BK127 55557	65.54 1.47 0.00	63.26 1.30 0.00	62.97 1.23 0.00	59.25 1.05 0.00	61.67 0.97 0.00	64.42 1.20 0.00	73.50 2.13 -0.31	76.90 3.08 -2.26	77.06 3.59 -1.68	74.48 3.14 0.00	72.29 2.71 0.00	64.19 2.53 0.00	61.42 2.42 0.00	63.97 2.52 0.00	69.80 2.88 0.00	72.68 3.20 0.00	78.86 4.22 -0.53	105.55 5.66 -11.47	109.23 5.83 -12.34	100.92 5.57 -6.93	93.13 5.01 -4.63	77.05 3.60 -1.43	74.85 2.79 -0.50	74.86 2.64 -0.87
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	65.54 1.47 0.00	63.26 1.30 0.00	62.97 1.23 0.00	59.25 1.05 0.00	61.67 0.97 0.00	64.42 1.20 0.00	73.50 2.13 -0.31	76.90 3.08 -2.26	77.06 3.59 -1.68	74.48 3.14 0.00	72.29 2.71 0.00	64.19 2.53 0.00	61.42 2.42 0.00	63.97 2.52 0.00	69.80 2.88 0.00	72.68 3.20 0.00	78.86 4.22 -0.53	105.55 5.66 -11.47	109.23 5.83 -12.34	100.92 5.57 -6.93	93.13 5.01 -4.63	77.05 3.60 -1.43	74.85 2.79 -0.50	74.86 2.64 -0.87
WHITEHAL_115KV_TB1 80871	69.00 4.93 0.00	66.79 4.83 0.00	66.67 4.94 0.00	62.80 4.60 0.00	65.55 4.86 0.00	68.27 5.06 0.00	80.83 6.32 -3.45	103.53 6.58 -25.39	97.30 6.60 -18.90	77.55 6.21 0.00	75.42 5.84 0.00	66.22 4.56 0.00	63.13 4.13 0.00	65.88 4.42 0.00	71.94 5.02 0.00	75.53 6.05 0.00	87.35 7.34 -5.91	153.26 9.28 -55.55	172.78 9.56 -72.15	175.26 9.11 -77.73	144.02 8.60 -51.93	95.40 7.35 -16.03	84.07 6.94 -5.56	87.58 6.49 -9.73
WHITEPLN_13_KV_LOAD 356215	66.82 2.75 0.00	64.44 2.48 0.00	64.08 2.35 0.00	60.30 2.10 0.00	62.76 2.06 0.00	65.62 2.40 0.00	74.93 3.55 -0.32	78.77 4.87 -2.35	78.92 5.38 -1.75	76.19 4.85 0.00	74.03 4.45 0.00	65.67 4.01 0.00	62.78 3.78 0.00	65.38 3.93 0.00	71.34 4.42 0.00	74.35 4.86 0.00	80.95 6.30 -0.55	108.52 8.22 -11.87	112.49 8.65 -12.78	103.75 8.13 -7.19	95.64 7.35 -4.81	79.05 5.55 -1.48	76.66 4.58 -0.51	76.46 4.21 -0.90
WM_FLOYD_69_KV_BK2 356380	68.49 4.42 0.00	66.05 4.09 0.00	65.50 3.77 0.00	61.69 3.49 0.00	64.16 3.46 0.00	67.14 3.92 0.00	86.22 5.61 -9.54	106.16 6.80 -27.81	102.91 7.18 -23.95	85.13 6.49 -7.30	76.26 5.84 -0.84	66.72 5.06 0.00	63.67 4.66 0.00	66.31 4.85 0.00	72.68 5.76 0.00	90.30 6.18 -14.63	111.80 7.78 -29.91	133.45 10.17 -34.86	139.03 10.38 -37.59	114.54 9.46 -16.66	112.82 8.35 -20.98	102.58 6.41 -24.15	102.59 5.58 -25.44	97.16 5.57 -20.25
WOODARD___115KV_TB2 355635	61.76 -2.31 0.00	59.73 -2.23 0.00	59.57 -2.16 0.00	56.17 -2.04 0.00	58.69 -2.00 0.00	61.13 -2.09 0.00	69.00 -2.06 0.00	69.62 -1.93 0.00	69.78 -2.01 0.00	69.13 -2.21 0.00	67.35 -2.23 0.00	59.69 -1.97 0.00	57.06 -1.95 0.00	59.55 -1.90 0.00	64.71 -2.21 0.00	67.33 -2.15 0.00	72.18 -1.93 0.00	86.83 -1.59 0.00	89.70 -1.37 0.00	86.74 -1.68 0.00	81.82 -1.67 0.00	70.87 -1.15 0.00	69.78 -1.79 0.00	69.43 -1.93 0.00
YORK___WARBASSE 23770	66.12 2.05 0.00	63.70 1.73 0.00	63.28 1.54 0.00	59.42 1.22 0.00	61.85 1.15 0.00	64.73 1.52 0.00	74.01 2.63 -0.32	77.85 3.94 -2.35	78.13 4.59 -1.75	75.55 4.21 0.00	73.33 3.76 0.00	67.56 3.51 -2.39	65.15 3.42 -2.72	67.50 3.44 -2.61	70.74 3.81 0.00	73.73 4.24 0.00	93.09 5.71 -13.28	116.80 7.60 -20.78	121.38 7.92 -22.39	114.82 7.52 -18.88	109.59 6.68 -19.42	91.49 4.75 -14.72	75.73 3.65 -0.52	75.68 3.42 -0.90