

# Day Ahead Market Generator LBMP

		--- LBMP \$						--- Marginal Cost of Losses						--- Marginal Cost of Congestion												06/04/2025		
Generator Data																												
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1	24138	23.94	21.08	18.04	17.95	18.15	21.41	26.10	31.64	30.70	29.55	32.20	33.75	35.68	39.02	41.48	43.48	48.18	57.54	63.50	60.87	59.98	49.49	42.32	37.31			
		1.33	1.22	1.05	0.96	0.99	1.42	2.22	2.53	2.38	2.49	2.71	2.81	2.91	3.31	3.53	3.18	3.61	4.11	4.87	4.56	3.66	2.22	2.36	2.41			
		-9.69	-8.11	-6.33	-6.98	-6.83	-5.66	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	2.31	0.79	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00			
74TH STREET_GT_1	24260	23.97	21.10	18.07	17.98	18.18	21.45	26.14	31.69	30.79	29.60	32.27	33.85	35.78	39.10	42.12	43.61	48.27	57.65	63.62	61.04	60.15	49.59	42.48	37.45			
		1.36	1.24	1.08	0.99	1.02	1.46	2.27	2.59	2.46	2.54	2.77	2.91	3.01	3.38	3.53	3.30	3.70	4.22	4.98	4.73	3.83	2.32	2.52	2.55			
		-9.69	-8.11	-6.33	-6.98	-6.83	-5.66	0.00	0.00	0.00	0.00	-0.02	-0.02	-0.02	2.30	0.16	-0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00			
74TH STREET_GT_2	24261	23.97	21.10	18.07	17.98	18.18	21.45	26.14	31.69	30.79	29.60	32.27	33.85	35.78	39.10	42.12	43.61	48.27	57.65	63.62	61.04	60.15	49.59	42.48	37.45			
		1.36	1.24	1.08	0.99	1.02	1.46	2.27	2.59	2.46	2.54	2.77	2.91	3.01	3.38	3.53	3.30	3.70	4.22	4.98	4.73	3.83	2.32	2.52	2.55			
		-9.69	-8.11	-6.33	-6.98	-6.83	-5.66	0.00	0.00	0.00	0.00	-0.02	-0.02	-0.02	2.30	0.16	-0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00			
ADK HUDSON___FALLS	24011	27.99	24.52	24.35	19.50	19.65	28.86	35.89	36.25	30.22	28.68	31.16	32.69	33.80	36.75	38.15	41.82	46.26	56.00	62.15	62.68	59.70	56.58	42.20	36.93			
		1.02	0.90	0.83	0.77	0.78	1.18	1.81	1.92	1.90	1.62	1.68	1.76	1.05	1.29	1.43	1.53	1.69	2.56	3.52	3.72	3.38	2.79	2.24	2.02			
		-14.05	-11.87	-12.85	-8.72	-8.53	-13.35	-10.20	-5.22	0.00	0.00	0.00	0.00	0.00	2.56	2.03	0.00	0.00	0.00	0.00	-2.65	0.00	-6.51	0.01	0.00			
ADK RESOURCE___RCVRY	23798	27.96	24.47	24.16	19.52	19.69	28.62	35.52	36.13	30.30	28.74	31.19	32.81	33.86	36.82	38.23	41.94	46.53	56.47	62.67	62.90	60.03	56.68	42.36	37.04			
		1.07	0.94	0.86	0.79	0.83	1.22	1.91	2.04	1.98	1.68	1.71	1.89	1.11	1.37	1.51	1.65	1.96	3.04	4.04	4.06	3.72	3.17	2.40	2.13			
		-13.97	-11.79	-12.63	-8.73	-8.54	-13.07	-9.74	-4.99	0.00	0.00	0.00	0.00	0.00	2.56	2.03	0.00	0.00	0.00	0.00	-2.53	0.00	-6.23	0.01	0.00			
ADK S GLENS___FALLS	24028	27.99	24.52	24.35	19.50	19.65	28.86	35.89	36.25	30.22	28.68	31.16	32.69	33.80	36.75	38.15	41.82	46.26	56.00	62.15	62.68	59.70	56.58	42.20	36.93			
		1.02	0.90	0.83	0.77	0.78	1.18	1.81	1.92	1.90	1.62	1.68	1.76	1.05	1.29	1.43	1.53	1.69	2.56	3.52	3.72	3.38	2.79	2.24	2.02			
		-14.05	-11.87	-12.85	-8.72	-8.53	-13.35	-10.20	-5.22	0.00	0.00	0.00	0.00	0.00	2.56	2.03	0.00	0.00	0.00	0.00	-2.65	0.00	-6.51	0.01	0.00			
ADK_NYS___DAM	23527	29.53	26.12	28.28	19.50	19.68	33.89	44.48	41.29	30.79	29.11	31.34	32.81	34.68	37.68	39.01	42.30	46.80	57.11	63.50	66.08	60.71	62.04	42.88	37.56			
		1.49	1.36	1.22	1.14	1.18	1.63	2.51	2.91	2.46	2.06	1.86	1.89	1.93	2.17	2.25	2.01	2.23	3.68	4.86	5.07	4.40	3.50	2.92	2.65			
		-15.12	-13.01	-16.40	-8.35	-8.17	-17.92	-18.10	-9.27	0.00	0.00	0.00	0.00	0.00	2.50	1.98	0.00	0.00	0.00	0.00	-4.70	0.00	-11.26	0.01	0.00			
AIR_PRODUCTS___DRP	24190	24.24	20.99	16.82	18.80	18.95	19.37	20.73	27.63	28.58	27.28	29.72	31.17	32.91	35.72	36.89	40.33	44.52	53.32	58.92	55.88	56.32	42.84	39.84	34.94			
		0.32	0.29	0.29	0.30	0.31	0.39	0.48	0.38	0.25	0.22	0.24	0.25	0.16	0.19	0.12	0.04	-0.04	-0.11	0.29	0.51	0.00	-0.24	-0.12	0.03			
		-10.99	-8.95	-5.87	-8.49	-8.31	-4.65	3.62	1.85	0.00	0.00	0.00	0.00	0.00	2.49	1.97	0.00	0.00	0.00	0.00	0.94	0.00	4.20	0.01	0.00			
AKWESSNE_115KV_BK	355683	11.98	9.36	9.94	9.80	10.11	14.00	23.61	28.99	28.24	27.09	29.57	31.05	32.95	37.46	38.32	40.49	44.70	53.75	58.46	55.86	56.15	47.32	39.97	34.70			
		-0.27	-0.25	-0.22	-0.21	-0.22	-0.32	-0.26	-0.12	-0.08	0.03	0.09	0.12	0.20	0.23	0.19	0.20	0.13	0.32	-0.18	-0.45	-0.17	0.05	0.00	-0.21			
		0.67	2.14	0.50	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR	323833	24.44	21.20	17.41	18.72	18.88	20.23	22.32	28.55	28.72	27.33	29.69	31.17	32.91	35.74	37.03	40.53	44.75	53.91	59.86	57.10	57.44	45.34	40.64	35.64			
		0.49	0.43	0.42	0.38	0.39	0.62	0.84	0.67	0.40	0.27	0.21	0.25	0.16	0.19	0.23	0.24	0.18	0.48	1.23	1.41	1.13	0.90	0.68	0.73			
		-11.03	-9.02	-6.33	-8.34	-8.16	-5.28	2.39	1.22	0.00	0.00	0.00	0.00	0.00	2.46	1.95	0.00	0.00	0.00	0.00	0.62	0.00	2.84	0.01	0.00			
ALBANY_2_SOLAR	323834	24.43	21.21	17.41	18.73	18.88	20.23	22.32	28.55	28.69	27.30	29.69	31.17	32.91	35.74	37.03	40.53	44.75	53.91	59.86	57.10	57.39	45.34	40.64	35.64			
		0.48	0.43	0.41	0.38	0.39	0.62	0.84	0.67	0.37	0.24	0.21	0.25	0.16	0.19	0.23	0.24	0.18	0.48	1.23	1.41	1.07	0.90	0.68	0.73			
		-11.03	-9.03	-6.34	-8.34	-8.16	-5.29	2.39	1.22	0.00	0.00	0.00	0.00	0.00	2.46	1.95	0.00	0.00	0.00	0.00	0.62	0.00	2.83	0.01	0.00			
ALBANY___1	23571	24.24	20.99	16.82	18.80	18.95	19.37	20.73	27.63	28.58	27.28	29.72	31.17	32.91	35.72	36.89	40.33	44.52	53.32	58.92	55.88	56.32	42.84	39.84	34.94			
		0.32	0.29	0.29	0.30	0.31	0.39	0.48	0.38	0.25	0.22	0.24	0.25	0.16	0.19	0.12	0.04	-0.04	-0.11	0.29	0.51	0.00	-0.24	-0.12	0.03			
		-10.99	-8.95	-5.87	-8.49	-8.31	-4.65	3.62	1.85	0.00	0.00	0.00	0.00	0.00	2.49	1.97	0.00	0.00	0.00	0.00	0.94	0.00	4.20	0.01	0.00			

ALBANY___2 23572	24.24 0.32 -10.99	20.99 0.29 -8.95	16.82 0.29 -5.87	18.80 0.30 -8.49	18.95 0.31 -8.31	19.37 0.39 -4.65	20.73 0.48 3.62	27.63 0.38 1.85	28.58 0.25 0.00	27.28 0.22 0.00	29.72 0.24 0.00	31.17 0.25 0.00	32.91 0.16 0.00	35.72 0.19 2.49	36.89 0.12 1.97	40.33 0.04 0.00	44.52 -0.04 0.00	53.32 -0.11 0.00	58.92 0.29 0.00	55.88 0.51 0.94	56.32 0.00 0.00	42.84 -0.24 4.20	39.84 -0.12 0.01	34.94 0.03 0.00
ALBANY___3 23573	24.24 0.32 -10.99	20.99 0.29 -8.95	16.82 0.29 -5.87	18.80 0.30 -8.49	18.95 0.31 -8.31	19.37 0.39 -4.65	20.73 0.48 3.62	27.63 0.38 1.85	28.58 0.25 0.00	27.28 0.22 0.00	29.72 0.24 0.00	31.17 0.25 0.00	32.91 0.16 0.00	35.72 0.19 2.49	36.89 0.12 1.97	40.33 0.04 0.00	44.52 -0.04 0.00	53.32 -0.11 0.00	58.92 0.29 0.00	55.88 0.51 0.94	56.32 0.00 0.00	42.84 -0.24 4.20	39.84 -0.12 0.01	34.94 0.03 0.00
ALBANY___4 23574	24.24 0.32 -10.99	20.99 0.29 -8.95	16.82 0.29 -5.87	18.80 0.30 -8.49	18.95 0.31 -8.31	19.37 0.39 -4.65	20.73 0.48 3.62	27.63 0.38 1.85	28.58 0.25 0.00	27.28 0.22 0.00	29.72 0.24 0.00	31.17 0.25 0.00	32.91 0.16 0.00	35.72 0.19 2.49	36.89 0.12 1.97	40.33 0.04 0.00	44.52 -0.04 0.00	53.32 -0.11 0.00	58.92 0.29 0.00	55.88 0.51 0.94	56.32 0.00 0.00	42.84 -0.24 4.20	39.84 -0.12 0.01	34.94 0.03 0.00
ALBANY___LFGE 323615	24.53 0.44 -11.17	21.24 0.39 -9.11	17.20 0.39 -6.14	18.94 0.37 -8.56	19.09 0.38 -8.38	19.80 0.50 -4.97	21.35 0.67 3.19	28.08 0.61 1.63	28.80 0.48 0.00	27.49 0.43 0.00	29.92 0.44 0.00	31.45 0.53 0.00	33.17 0.42 0.00	36.04 0.53 2.51	37.26 0.50 1.99	40.73 0.44 0.00	45.06 0.49 0.00	54.12 0.69 0.00	59.86 1.23 0.00	56.67 1.18 0.83	57.05 0.73 0.00	43.83 0.38 3.83	40.32 0.36 0.01	35.36 0.45 0.00
ALCOA_PA_115KV_PL-6C 55860	12.01 -0.27 0.64	9.46 -0.25 2.04	9.95 -0.23 0.48	9.79 -0.22 0.00	10.11 -0.22 0.00	14.00 -0.32 0.01	23.61 -0.26 0.00	29.02 -0.09 0.00	28.29 -0.03 0.00	27.11 0.05 0.00	29.63 0.15 0.00	31.11 0.19 0.00	33.01 0.26 0.00	37.55 0.34 0.81	38.41 0.31 0.64	40.57 0.28 0.00	44.84 0.27 0.00	53.86 0.43 0.00	58.57 -0.06 0.00	55.98 -0.34 0.00	56.26 -0.06 0.00	47.42 0.14 0.00	40.13 0.16 0.00	34.77 -0.14 0.00
ALCOA_RYNLDS___DRP 24188	12.01 -0.27 0.64	9.46 -0.25 2.04	9.95 -0.23 0.48	9.79 -0.22 0.00	10.11 -0.22 0.00	14.00 -0.32 0.01	23.61 -0.26 0.00	29.02 -0.09 0.00	28.29 -0.03 0.00	27.11 0.05 0.00	29.63 0.15 0.00	31.11 0.19 0.00	33.01 0.26 0.00	37.55 0.34 0.81	38.41 0.31 0.64	40.57 0.28 0.00	44.84 0.27 0.00	53.86 0.43 0.00	58.57 -0.06 0.00	55.98 0.00 0.00	56.26 -0.06 0.00	47.42 0.14 0.00	40.13 0.16 0.00	34.77 -0.14 0.00
ALCOA___DSASP 323711	12.01 -0.27 0.64	9.46 -0.25 2.04	9.95 -0.23 0.48	9.79 -0.22 0.00	10.10 -0.23 0.00	14.00 -0.32 0.01	23.61 -0.26 0.00	29.02 -0.09 0.00	28.29 -0.03 0.00	27.11 0.05 0.00	29.63 0.15 0.00	31.11 0.19 0.00	33.01 0.26 0.00	37.54 0.34 0.81	38.41 0.31 0.64	40.57 0.28 0.00	44.84 0.27 0.00	53.70 0.27 0.00	58.40 -0.23 0.00	55.98 -0.34 0.00	56.32 0.00 0.00	47.42 0.14 0.00	40.13 0.16 0.00	34.77 -0.14 0.00
ALLEGHENY___COGEN 23514	14.78 0.14 -1.72	14.04 0.09 -2.20	11.87 0.05 -1.15	11.08 0.07 -1.00	11.37 0.06 -0.98	15.26 0.11 -0.82	23.68 -0.19 0.00	45.65 -1.31 -17.85	40.18 -1.50 -13.36	27.10 -1.89 -1.94	39.05 -2.09 -11.66	35.23 -2.07 -6.38	49.78 -2.16 -19.19	55.14 -2.32 -19.45	54.16 -2.36 -17.77	63.16 -1.81 -24.68	54.01 -1.69 -11.13	52.41 -1.02 0.00	59.28 0.65 0.00	58.28 1.97 0.00	59.30 2.98 0.00	49.25 1.99 0.01	40.88 0.92 0.01	37.04 2.13 0.00
ALTAMONT_115KV_TB 2 55880	24.80 0.47 -11.41	21.52 0.42 -9.35	17.96 0.38 -6.91	18.86 0.36 -8.49	19.01 0.37 -8.31	20.82 0.53 -5.96	23.10 0.72 1.49	29.04 0.70 0.76	28.92 0.59 0.00	27.60 0.54 0.00	30.04 0.56 0.00	31.51 0.59 0.00	33.27 0.52 0.00	36.15 0.61 2.48	37.40 0.62 1.96	40.85 0.56 0.00	45.15 0.58 0.00	54.07 0.64 0.00	59.80 1.17 0.00	57.22 1.30 0.39	57.22 0.90 0.00	45.95 0.52 1.85	40.48 0.52 0.01	35.50 0.59 0.00
ALTONA_WT_PWR 323606	11.89 -0.34 0.69	9.21 -0.33 2.20	9.82 -0.33 0.51	9.70 -0.31 0.00	10.01 -0.32 0.00	13.87 -0.44 0.02	23.40 -0.48 0.00	28.78 -0.32 0.00	28.15 -0.17 0.00	27.11 0.05 0.00	29.69 0.21 0.00	31.17 0.25 0.00	33.11 0.36 0.00	37.67 0.42 0.77	38.49 0.35 0.61	40.57 0.28 0.00	44.84 0.27 0.00	53.86 0.43 0.00	58.69 0.06 0.00	56.26 -0.06 0.00	56.43 0.11 0.00	47.28 0.00 0.00	39.81 -0.16 0.00	34.49 -0.42 0.00
AMERICAN_REF_FUEL 24010	13.76 -0.67 -1.51	13.18 -0.61 -2.05	11.07 -0.61 -1.02	10.30 -0.55 -0.85	10.61 -0.55 -0.83	14.22 -0.80 -0.69	21.87 -2.01 0.00	22.75 -2.01 4.34	23.33 -1.76 3.24	24.62 -1.97 0.47	24.53 -2.15 2.80	27.24 -2.17 1.52	25.96 -2.16 4.62	27.81 -2.28 7.92	29.50 -2.40 6.85	32.47 -2.14 5.69	39.63 -2.36 2.57	49.85 -3.58 0.00	55.52 -3.11 0.00	54.17 -2.14 0.00	54.91 -1.41 0.00	45.80 -1.47 0.01	38.32 -1.64 0.01	34.24 -0.66 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	13.91 -0.72 -1.71	13.24 -0.70 -2.20	11.11 -0.70 -1.15	10.36 -0.64 -1.00	10.68 -0.62 -0.98	14.29 -0.86 -0.82	22.06 -1.82 0.00	23.79 -1.80 3.51	24.36 -1.50 2.46	25.16 -1.54 0.36	25.83 -1.50 2.14	28.36 -1.39 1.17	27.81 -1.41 3.53	29.82 -1.56 6.64	31.43 -1.63 5.70	34.10 -1.61 4.58	40.81 -1.69 2.07	52.25 -1.18 0.00	58.22 -0.41 0.00	56.82 0.51 0.00	57.27 0.96 0.00	47.51 0.24 0.01	39.52 -0.44 0.01	35.15 0.25 0.00
ARTHUR KILL_GT_1 23520	24.14 1.52 -9.70	21.24 1.37 -8.12	18.19 1.19 -6.33	18.09 1.09 -6.99	18.29 1.13 -6.84	21.62 1.62 -5.67	26.31 2.44 0.00	31.84 2.74 0.00	30.84 2.52 0.00	29.77 2.71 0.00	32.47 2.98 -0.02	34.07 3.12 -0.02	36.01 3.24 -0.02	39.14 3.42 2.30	41.24 2.94 0.45	43.45 3.14 -0.02	48.09 3.52 0.00	57.38 3.95 0.00	63.38 4.75 0.00	60.65 4.34 0.00	59.75 3.44 0.00	49.21 1.94 0.01	42.52 2.56 0.01	37.77 2.86 0.00
ARTHUR_KILL_2 23512	24.10 1.49 -9.70	21.21 1.34 -8.12	18.14 1.14 -6.33	18.07 1.07 -6.99	18.27 1.11 -6.84	21.57 1.58 -5.67	26.26 2.39 0.00	31.75 2.65 0.00	30.76 2.44 0.00	29.68 2.62 0.00	32.30 2.80 -0.02	33.95 3.00 -0.03	35.69 2.91 -0.03	39.14 3.42 2.30	40.31 2.01 0.45	43.29 2.98 -0.02	47.95 3.39 0.00	57.60 4.17 0.00	63.67 5.04 0.00	60.59 4.28 0.00	59.47 3.15 0.00	48.92 1.65 0.01	42.36 2.40 0.01	37.67 2.76 -0.01
ARTHUR_KILL_3 23513	23.80 1.19 -9.69	20.98 1.12 -8.11	17.92 0.93 -6.33	17.87 0.88 -6.98	18.07 0.91 -6.83	21.28 1.29 -5.66	25.83 1.96 0.00	31.32 2.21 0.00	30.39 2.07 0.00	29.25 2.19 0.00	31.79 2.30 -0.01	33.38 2.44 -0.02	35.39 2.62 -0.02	38.60 2.89 2.30	41.47 3.18 0.46	43.00 2.70 -0.01	47.60 3.03 0.00	57.17 3.74 0.00	63.15 4.51 0.00	60.20 3.88 0.00	59.13 2.81 0.01	48.87 1.61 0.02	41.87 1.92 0.02	36.96 2.06 0.00

ARTHUR_KILL_COGEN 323718	24.14 1.52 -9.70	21.24 1.37 -8.12	18.16 1.16 -6.33	18.09 1.09 -6.99	18.29 1.13 -6.84	21.62 1.62 -5.67	26.31 2.44 0.00	31.84 2.73 0.00	30.84 2.52 0.00	29.76 2.71 0.00	32.39 2.89 -0.02	34.04 3.09 -0.03	35.79 3.01 -0.03	39.25 3.54 2.30	40.46 2.17 0.45	43.45 3.14 -0.02	48.09 3.52 0.00	57.81 4.38 0.00	63.91 5.28 0.00	60.82 4.51 0.00	59.75 3.44 0.00	49.07 1.80 0.01	42.52 2.56 0.01	37.81 2.90 -0.01
ASHOKAN____ 23654	23.77 0.49 -10.36	20.74 0.43 -8.56	17.18 0.31 -6.21	18.02 0.30 -7.71	18.21 0.33 -7.55	21.58 1.95 -5.30	25.46 3.13 1.54	31.72 3.40 0.79	29.77 1.44 0.00	28.36 1.30 0.00	30.84 1.36 0.00	32.47 1.55 0.00	34.42 1.67 0.00	37.63 2.01 2.40	39.06 2.21 1.90	42.46 2.17 0.00	47.24 2.67 0.00	57.28 3.85 0.00	63.67 5.04 0.00	60.81 4.90 0.40	60.54 4.23 0.00	51.05 5.81 2.05	42.60 2.64 0.01	37.73 2.83 0.00
ASTORIA_EAST_ENERGY_CC1 323581	23.91 1.29 -9.70	21.10 1.23 -8.12	18.04 1.05 -6.33	17.98 0.98 -6.99	18.18 1.01 -6.84	21.46 1.46 -5.67	25.88 2.01 0.00	31.34 2.24 0.01	30.44 2.13 0.01	29.43 2.38 0.01	31.99 2.50 -0.01	33.63 2.69 -0.01	35.55 2.78 -0.01	38.94 3.23 2.31	41.36 3.06 0.45	43.16 2.86 -0.01	47.63 3.07 0.01	57.06 3.64 0.01	63.08 4.45 0.01	60.19 3.88 0.01	59.18 2.87 0.01	48.63 1.37 0.02	42.20 2.24 0.01	37.39 2.48 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	23.91 1.29 -9.70	21.10 1.23 -8.12	18.04 1.05 -6.33	17.98 0.98 -6.99	18.18 1.01 -6.84	21.46 1.46 -5.67	25.88 2.01 0.00	31.34 2.24 0.01	30.44 2.13 0.01	29.43 2.38 0.01	31.99 2.50 -0.01	33.63 2.69 -0.01	35.55 2.78 -0.01	38.94 3.23 2.31	41.36 3.06 0.45	43.16 2.86 -0.01	47.63 3.07 0.01	57.06 3.64 0.01	63.08 4.45 0.01	60.19 3.88 0.01	59.18 2.87 0.01	48.63 1.37 0.02	42.20 2.24 0.01	37.39 2.48 -0.01
ASTORIA_GT2_1 24094	23.92 1.31 -9.70	21.11 1.24 -8.12	18.08 1.08 -6.33	17.98 0.98 -6.99	18.18 1.01 -6.84	21.47 1.48 -5.67	25.88 2.01 0.00	31.35 2.24 0.00	30.47 2.15 0.00	29.47 2.41 0.00	32.09 2.59 -0.02	33.68 2.75 -0.01	35.61 2.85 -0.01	38.87 3.16 2.30	41.47 3.18 0.45	43.21 2.90 -0.02	47.60 3.03 0.00	56.79 3.37 0.01	62.73 4.10 0.01	60.13 3.83 0.01	59.30 2.98 0.01	48.68 1.42 0.02	42.20 2.24 0.01	37.43 2.51 -0.01
ASTORIA_GT2_2 24095	23.92 1.31 -9.70	21.11 1.24 -8.12	18.08 1.08 -6.33	17.98 0.98 -6.99	18.18 1.01 -6.84	21.47 1.48 -5.67	25.88 2.01 0.00	31.35 2.24 0.00	30.47 2.15 0.00	29.47 2.41 0.00	32.09 2.59 -0.02	33.68 2.75 -0.01	35.61 2.85 -0.01	38.87 3.16 2.30	41.47 3.18 0.45	43.21 2.90 -0.02	47.60 3.03 0.00	56.79 3.37 0.01	62.73 4.10 0.01	60.13 3.83 0.01	59.30 2.98 0.01	48.68 1.42 0.02	42.20 2.24 0.01	37.43 2.51 -0.01
ASTORIA_GT2_3 24096	23.92 1.31 -9.70	21.11 1.24 -8.12	18.08 1.08 -6.33	17.98 0.98 -6.99	18.18 1.01 -6.84	21.47 1.48 -5.67	25.88 2.01 0.00	31.35 2.24 0.00	30.47 2.15 0.00	29.47 2.41 0.00	32.09 2.59 -0.02	33.68 2.75 -0.01	35.61 2.85 -0.01	38.87 3.16 2.30	41.47 3.18 0.45	43.21 2.90 -0.02	47.60 3.03 0.00	56.79 3.37 0.01	62.73 4.10 0.01	60.13 3.83 0.01	59.30 2.98 0.01	48.68 1.42 0.02	42.20 2.24 0.01	37.43 2.51 -0.01
ASTORIA_GT2_4 24097	23.92 1.31 -9.70	21.11 1.24 -8.12	18.08 1.08 -6.33	17.98 0.98 -6.99	18.18 1.01 -6.84	21.47 1.48 -5.67	25.88 2.01 0.00	31.35 2.24 0.00	30.47 2.15 0.00	29.47 2.41 0.00	32.09 2.59 -0.02	33.68 2.75 -0.01	35.61 2.85 -0.01	38.87 3.16 2.30	41.47 3.18 0.45	43.21 2.90 -0.02	47.60 3.03 0.00	56.79 3.37 0.01	62.73 4.10 0.01	60.13 3.83 0.01	59.30 2.98 0.01	48.68 1.42 0.02	42.20 2.24 0.01	37.43 2.51 -0.01
ASTORIA_GT3_1 24098	23.92 1.31 -9.70	21.11 1.24 -8.12	18.08 1.08 -6.33	17.98 0.98 -6.99	18.18 1.01 -6.84	21.47 1.48 -5.67	25.88 2.01 0.00	31.35 2.24 0.00	30.47 2.15 0.00	29.47 2.41 0.00	32.09 2.59 -0.02	33.68 2.75 -0.01	35.61 2.85 -0.01	38.87 3.16 2.30	41.47 3.18 0.45	43.21 2.90 -0.02	47.60 3.03 0.00	56.79 3.37 0.01	62.73 4.10 0.01	60.13 3.83 0.01	59.30 2.98 0.01	48.68 1.42 0.02	42.20 2.24 0.01	37.43 2.51 -0.01
ASTORIA_GT3_2 24099	23.92 1.31 -9.70	21.11 1.24 -8.12	18.08 1.08 -6.33	17.98 0.98 -6.99	18.18 1.01 -6.84	21.47 1.48 -5.67	25.88 2.01 0.00	31.35 2.24 0.00	30.47 2.15 0.00	29.47 2.41 0.00	32.09 2.59 -0.02	33.68 2.75 -0.01	35.61 2.85 -0.01	38.87 3.16 2.30	41.47 3.18 0.45	43.21 2.90 -0.02	47.60 3.03 0.00	56.79 3.37 0.01	62.73 4.10 0.01	60.13 3.83 0.01	59.30 2.98 0.01	48.68 1.42 0.02	42.20 2.24 0.01	37.43 2.51 -0.01
ASTORIA_GT3_3 24100	23.92 1.31 -9.70	21.11 1.24 -8.12	18.08 1.08 -6.33	17.98 0.98 -6.99	18.18 1.01 -6.84	21.47 1.48 -5.67	25.88 2.01 0.00	31.35 2.24 0.00	30.47 2.15 0.00	29.47 2.41 0.00	32.09 2.59 -0.02	33.68 2.75 -0.01	35.61 2.85 -0.01	38.87 3.16 2.30	41.47 3.18 0.45	43.21 2.90 -0.02	47.60 3.03 0.00	56.79 3.37 0.01	62.73 4.10 0.01	60.13 3.83 0.01	59.30 2.98 0.01	48.68 1.42 0.02	42.20 2.24 0.01	37.43 2.51 -0.01
ASTORIA_GT3_4 24101	23.92 1.31 -9.70	21.11 1.24 -8.12	18.08 1.08 -6.33	17.98 0.98 -6.99	18.18 1.01 -6.84	21.47 1.48 -5.67	25.88 2.01 0.00	31.35 2.24 0.00	30.47 2.15 0.00	29.47 2.41 0.00	32.09 2.59 -0.02	33.68 2.75 -0.01	35.61 2.85 -0.01	38.87 3.16 2.30	41.47 3.18 0.45	43.21 2.90 -0.02	47.60 3.03 0.00	56.79 3.37 0.01	62.73 4.10 0.01	60.13 3.83 0.01	59.30 2.98 0.01	48.68 1.42 0.02	42.20 2.24 0.01	37.43 2.51 -0.01
ASTORIA_GT4_1 24102	23.92 1.31 -9.70	21.11 1.24 -8.12	18.08 1.08 -6.33	17.98 0.98 -6.99	18.18 1.01 -6.84	21.47 1.48 -5.67	25.88 2.01 0.00	31.35 2.24 0.00	30.47 2.15 0.00	29.47 2.41 0.00	32.09 2.59 -0.02	33.68 2.75 -0.01	35.61 2.85 -0.01	38.87 3.16 2.30	41.47 3.18 0.45	43.21 2.90 -0.02	47.60 3.03 0.00	56.79 3.37 0.01	62.73 4.10 0.01	60.13 3.83 0.01	59.30 2.98 0.01	48.68 1.42 0.02	42.20 2.24 0.01	37.43 2.51 -0.01
ASTORIA_GT4_2 24103	23.92 1.31 -9.70	21.11 1.24 -8.12	18.08 1.08 -6.33	17.98 0.98 -6.99	18.18 1.01 -6.84	21.47 1.48 -5.67	25.88 2.01 0.00	31.35 2.24 0.00	30.47 2.15 0.00	29.47 2.41 0.00	32.09 2.59 -0.02	33.68 2.75 -0.01	35.61 2.85 -0.01	38.87 3.16 2.30	41.47 3.18 0.45	43.21 2.90 -0.02	47.60 3.03 0.00	56.79 3.37 0.01	62.73 4.10 0.01	60.13 3.83 0.01	59.30 2.98 0.01	48.68 1.42 0.02	42.20 2.24 0.01	37.43 2.51 -0.01
ASTORIA_GT4_3 24104	23.92 1.31 -9.70	21.11 1.24 -8.12	18.08 1.08 -6.33	17.98 0.98 -6.99	18.18 1.01 -6.84	21.47 1.48 -5.67	25.88 2.01 0.00	31.35 2.24 0.00	30.47 2.15 0.00	29.47 2.41 0.00	32.09 2.59 -0.02	33.68 2.75 -0.01	35.61 2.85 -0.01	38.87 3.16 2.30	41.47 3.18 0.45	43.21 2.90 -0.02	47.60 3.03 0.00	56.79 3.37 0.01	62.73 4.10 0.01	60.13 3.83 0.01	59.30 2.98 0.01	48.68 1.42 0.02	42.20 2.24 0.01	37.43 2.51 -0.01

ASTORIA_GT4_4 24105	23.92 1.31 -9.70	21.11 1.24 -8.12	18.08 1.08 -6.33	17.98 0.98 -6.99	18.18 1.01 -6.84	21.47 1.48 -5.67	25.88 2.01 0.00	31.35 2.24 0.00	30.47 2.15 0.00	29.47 2.41 0.00	32.09 2.59 -0.02	33.68 2.75 -0.01	35.61 2.85 -0.01	38.87 3.16 2.30	41.47 3.18 0.45	43.21 2.90 -0.02	47.60 3.03 0.00	56.79 3.37 0.01	62.73 4.10 0.01	60.13 3.83 0.01	59.30 2.98 0.01	48.68 1.42 0.02	42.20 2.24 0.01	37.43 2.51 -0.01
ASTORIA_GT_1 23523	23.94 1.32 -9.70	21.14 1.27 -8.12	18.09 1.09 -6.33	18.00 1.00 -6.99	18.19 1.02 -6.84	21.49 1.49 -5.67	25.93 2.05 0.00	31.40 2.30 0.00	30.53 2.21 0.00	29.52 2.46 0.00	32.15 2.65 -0.02	33.75 2.81 -0.01	35.67 2.91 -0.01	38.99 3.27 2.30	41.55 3.25 0.45	43.29 2.98 -0.02	47.73 3.16 0.00	56.90 3.47 0.01	62.84 4.22 0.01	60.30 4.00 0.01	59.41 3.10 0.01	48.77 1.51 0.02	42.28 2.32 0.01	37.50 2.58 -0.01
ASTORIA_GT_10 24110	23.94 1.32 -9.70	21.09 1.22 -8.12	18.05 1.06 -6.33	17.97 0.97 -6.99	18.17 1.00 -6.84	21.43 1.43 -5.67	26.00 2.12 0.00	31.49 2.39 0.00	30.56 2.24 0.00	29.44 2.38 0.00	32.09 2.59 -0.02	33.64 2.69 -0.02	35.59 2.82 -0.02	38.83 3.12 2.30	41.69 3.10 0.16	43.21 2.90 -0.02	47.69 3.12 0.00	56.84 3.42 0.01	62.73 4.10 0.01	60.13 3.83 0.01	59.24 2.93 0.01	48.87 1.61 0.02	42.08 2.12 0.01	37.28 2.37 0.00
ASTORIA_GT_11 24225	23.94 1.32 -9.70	21.09 1.22 -8.12	18.05 1.06 -6.33	17.97 0.97 -6.99	18.17 1.00 -6.84	21.43 1.43 -5.67	26.00 2.12 0.00	31.49 2.39 0.00	30.56 2.24 0.00	29.44 2.38 0.00	32.09 2.59 -0.02	33.64 2.69 -0.02	35.59 2.82 -0.02	38.83 3.12 2.30	41.69 3.10 0.16	43.21 2.90 -0.02	47.69 3.12 0.00	56.84 3.42 0.01	62.73 4.10 0.01	60.13 3.83 0.01	59.24 2.93 0.01	48.87 1.61 0.02	42.08 2.12 0.01	37.28 2.37 0.00
ASTORIA_GT_12 24226	23.94 1.32 -9.70	21.09 1.22 -8.12	18.05 1.06 -6.33	17.97 0.97 -6.99	18.17 1.00 -6.84	21.43 1.43 -5.67	26.00 2.12 0.00	31.49 2.39 0.00	30.56 2.24 0.00	29.44 2.38 0.00	32.09 2.59 -0.02	33.64 2.69 -0.02	35.59 2.82 -0.02	38.83 3.12 2.30	41.69 3.10 0.16	43.21 2.90 -0.02	47.69 3.12 0.00	56.84 3.42 0.01	62.73 4.10 0.01	60.13 3.83 0.01	59.24 2.93 0.01	48.87 1.61 0.02	42.08 2.12 0.01	37.28 2.37 0.00
ASTORIA_GT_13 24227	23.94 1.32 -9.70	21.09 1.22 -8.12	18.05 1.06 -6.33	17.97 0.97 -6.99	18.17 1.00 -6.84	21.43 1.43 -5.67	26.00 2.12 0.00	31.49 2.39 0.00	30.56 2.24 0.00	29.44 2.38 0.00	32.09 2.59 -0.02	33.64 2.69 -0.02	35.59 2.82 -0.02	38.83 3.12 2.30	41.69 3.10 0.16	43.21 2.90 -0.02	47.69 3.12 0.00	56.84 3.42 0.01	62.73 4.10 0.01	60.13 3.83 0.01	59.24 2.93 0.01	48.87 1.61 0.02	42.08 2.12 0.01	37.28 2.37 0.00
ASTORIA_GT_5 24106	23.94 1.32 -9.70	21.14 1.27 -8.12	18.09 1.09 -6.33	18.00 1.00 -6.99	18.19 1.02 -6.84	21.49 1.49 -5.67	25.93 2.05 0.00	31.40 2.30 0.00	30.53 2.21 0.00	29.52 2.46 0.00	32.15 2.65 -0.02	33.75 2.81 -0.01	35.67 2.91 -0.01	38.99 3.27 2.30	41.55 3.25 0.45	43.29 2.98 -0.02	47.73 3.16 0.00	56.90 3.47 0.01	62.84 4.22 0.01	60.30 4.00 0.01	59.41 3.10 0.01	48.77 1.51 0.02	42.28 2.32 0.01	37.50 2.58 -0.01
ASTORIA_GT_7 24107	23.94 1.32 -9.70	21.14 1.27 -8.12	18.09 1.09 -6.33	18.00 1.00 -6.99	18.19 1.02 -6.84	21.49 1.49 -5.67	25.93 2.05 0.00	31.40 2.30 0.00	30.53 2.21 0.00	29.52 2.46 0.00	32.15 2.65 -0.02	33.75 2.81 -0.01	35.67 2.91 -0.01	38.99 3.27 2.30	41.55 3.25 0.45	43.29 2.98 -0.02	47.73 3.16 0.00	56.90 3.47 0.01	62.84 4.22 0.01	60.30 4.00 0.01	59.41 3.10 0.01	48.77 1.51 0.02	42.28 2.32 0.01	37.50 2.58 -0.01
ASTORIA_GT_8 24108	23.94 1.32 -9.70	21.14 1.27 -8.12	18.09 1.09 -6.33	18.00 1.00 -6.99	18.19 1.02 -6.84	21.49 1.49 -5.67	25.93 2.05 0.00	31.40 2.30 0.00	30.53 2.21 0.00	29.52 2.46 0.00	32.15 2.65 -0.02	33.75 2.81 -0.01	35.67 2.91 -0.01	38.99 3.27 2.30	41.55 3.25 0.45	43.29 2.98 -0.02	47.73 3.16 0.00	56.90 3.47 0.01	62.84 4.22 0.01	60.30 4.00 0.01	59.41 3.10 0.01	48.77 1.51 0.02	42.28 2.32 0.01	37.50 2.58 -0.01
ASTORIA___2 24149	23.92 1.30 -9.70	21.11 1.24 -8.12	18.04 1.05 -6.33	17.98 0.98 -6.99	18.18 1.01 -6.84	21.47 1.48 -5.67	25.88 2.01 0.00	31.37 2.27 0.01	30.47 2.15 0.01	29.43 2.38 0.01	31.99 2.50 -0.01	33.66 2.72 -0.01	35.58 2.82 -0.01	38.94 3.23 2.31	41.36 3.06 0.45	43.20 2.90 -0.01	47.63 3.07 0.01	57.11 3.68 0.01	63.14 4.51 0.01	60.19 3.88 0.01	59.18 2.87 0.01	48.63 1.37 0.02	42.20 2.24 0.01	37.43 2.51 -0.01
ASTORIA___3 23516	23.94 1.32 -9.70	21.09 1.22 -8.12	18.02 1.02 -6.33	17.97 0.97 -6.99	18.17 1.00 -6.84	21.43 1.43 -5.67	26.00 2.12 0.00	31.49 2.39 0.00	30.56 2.24 0.00	29.44 2.38 0.00	32.00 2.50 -0.02	33.60 2.66 -0.02	35.52 2.75 -0.02	38.87 3.15 2.30	41.61 3.02 0.16	43.17 2.86 -0.02	47.73 3.16 0.00	57.22 3.79 0.01	63.20 4.58 0.01	60.25 3.94 0.01	59.18 2.87 0.01	48.82 1.56 0.02	42.08 2.12 0.01	37.28 2.37 0.00
ASTORIA___4 23517	23.94 1.32 -9.70	21.09 1.22 -8.12	18.05 1.06 -6.33	17.97 0.97 -6.99	18.17 1.00 -6.84	21.43 1.43 -5.67	26.00 2.12 0.00	31.49 2.39 0.00	30.56 2.24 0.00	29.44 2.38 0.00	32.09 2.59 -0.02	33.64 2.69 -0.02	35.59 2.82 -0.02	38.83 3.12 2.30	41.69 3.10 0.16	43.21 2.90 -0.02	47.69 3.12 0.00	56.84 3.42 0.01	62.73 4.10 0.01	60.13 3.83 0.01	59.24 2.93 0.01	48.82 1.56 0.02	42.08 2.12 0.01	37.28 2.37 0.00
ASTORIA___5 23518	23.94 1.32 -9.70	21.09 1.22 -8.12	18.02 1.02 -6.33	17.97 0.97 -6.99	18.17 1.00 -6.84	21.43 1.43 -5.67	26.00 2.12 0.00	31.49 2.39 0.00	30.56 2.24 0.00	29.44 2.38 0.00	32.00 2.50 -0.02	33.60 2.66 -0.02	35.52 2.75 -0.02	38.87 3.15 2.30	41.61 3.02 0.16	43.17 2.86 -0.02	47.73 3.16 0.00	57.22 3.79 0.01	63.20 4.58 0.01	60.25 3.94 0.01	59.18 2.87 0.01	48.82 1.56 0.02	42.08 2.12 0.01	37.28 2.37 0.00
AST_ENERGY_2_CC3 323677	23.86 1.25 -9.69	21.01 1.15 -8.11	17.96 0.97 -6.33	17.91 0.92 -6.98	18.10 0.94 -6.83	21.34 1.35 -5.66	25.93 2.05 0.00	28.19 2.30 3.21	28.19 2.15 2.28	28.19 2.24 1.11	29.51 2.39 2.36	29.51 2.54 3.95	29.51 2.69 5.93	29.51 3.00 11.51	29.51 3.18 12.42	29.51 2.82 13.60	30.01 3.16 17.72	41.34 3.90 15.99	47.34 4.75 16.04	44.38 4.11 16.04	43.37 3.04 15.99	33.01 1.80 16.06	33.49 2.04 8.52	29.51 2.16 7.56
AST_ENERGY_2_CC4 323678	23.86 1.25 -9.69	21.01 1.15 -8.11	17.96 0.97 -6.33	17.91 0.92 -6.98	18.10 0.94 -6.83	21.34 1.35 -5.66	25.93 2.05 0.00	28.19 2.30 3.21	28.19 2.15 2.28	28.19 2.24 1.11	29.51 2.39 2.36	29.51 2.54 3.95	29.51 2.69 5.93	29.51 3.00 11.51	29.51 3.18 12.42	29.51 2.82 13.60	30.01 3.16 17.72	41.34 3.90 15.99	47.34 4.75 16.04	44.38 4.11 16.04	43.37 3.04 15.99	33.01 1.80 16.06	33.49 2.04 8.52	29.51 2.16 7.56

ATHENS_STG_1 23668	24.23 0.66 -10.65	21.18 0.60 -8.84	18.14 0.52 -6.95	18.20 0.49 -7.70	18.38 0.52 -7.54	21.29 0.72 -6.24	24.90 1.03 0.00	30.18 1.08 0.00	29.26 0.93 0.00	27.98 0.92 0.00	30.42 0.94 0.00	31.94 1.02 0.00	33.77 1.02 0.00	36.75 1.14 2.41	38.04 1.20 1.91	41.33 1.05 0.00	45.73 1.16 0.00	54.92 1.49 0.00	60.68 2.05 0.00	58.23 1.92 0.00	57.67 1.35 0.00	48.12 0.85 0.01	40.88 0.92 0.01	35.92 1.01 0.00
ATHENS_STG_2 23670	24.23 0.66 -10.65	21.18 0.60 -8.84	18.14 0.52 -6.95	18.20 0.49 -7.70	18.38 0.52 -7.54	21.29 0.72 -6.24	24.90 1.03 0.00	30.18 1.08 0.00	29.26 0.93 0.00	27.98 0.92 0.00	30.42 0.94 0.00	31.94 1.02 0.00	33.77 1.02 0.00	36.75 1.14 2.41	38.04 1.20 1.91	41.33 1.05 0.00	45.73 1.16 0.00	54.92 1.49 0.00	60.68 2.05 0.00	58.23 1.92 0.00	57.67 1.35 0.00	48.12 0.85 0.01	40.88 0.92 0.01	35.92 1.01 0.00
ATHENS_STG_3 23677	24.23 0.66 -10.65	21.18 0.60 -8.84	18.14 0.52 -6.95	18.20 0.49 -7.70	18.38 0.52 -7.54	21.29 0.72 -6.24	24.90 1.03 0.00	30.18 1.08 0.00	29.26 0.93 0.00	27.98 0.92 0.00	30.42 0.94 0.00	31.94 1.02 0.00	33.77 1.02 0.00	36.75 1.14 2.41	38.04 1.20 1.91	41.33 1.05 0.00	45.73 1.16 0.00	54.92 1.49 0.00	60.68 2.05 0.00	58.23 1.92 0.00	57.67 1.35 0.00	48.12 0.85 0.01	40.88 0.92 0.01	35.92 1.01 0.00
AUBURN___LFGE 323710	14.28 0.13 -1.23	13.67 0.11 -1.82	11.57 0.07 -0.83	10.71 0.06 -0.65	11.02 0.06 -0.63	14.98 0.11 -0.53	23.80 -0.07 0.00	30.20 -0.06 -1.16	29.21 0.00 -0.89	27.05 -0.14 -0.13	30.08 -0.18 -0.78	31.19 -0.15 -0.42	33.93 -0.10 -1.28	38.65 -0.04 -0.67	39.44 0.00 -0.69	43.18 1.25 -1.64	46.87 1.56 -0.74	55.57 2.14 0.00	60.16 1.52 0.00	58.06 1.75 0.00	58.06 1.75 0.00	48.50 1.23 0.01	40.68 0.72 0.01	35.60 0.70 0.00
BABYLON_RES_REC 323704	25.87 1.50 -11.45	21.24 1.37 -8.13	18.18 1.17 -6.34	18.11 1.11 -7.00	18.33 1.16 -6.85	22.52 1.68 -6.51	27.44 2.53 -1.04	32.00 2.88 -0.01	30.97 2.63 -0.01	29.67 2.60 -0.01	32.15 2.62 -0.05	33.76 2.78 -0.05	39.68 3.01 -3.91	40.99 3.23 0.26	42.86 3.26 -0.86	46.12 2.50 -3.34	49.31 2.58 -2.16	56.58 2.83 -0.32	61.80 3.76 0.58	59.54 3.44 0.21	58.63 2.31 0.00	49.94 1.56 -1.10	43.91 1.88 -2.06	39.61 2.51 -2.19
BALL_HILL_WT_PWR 323825	14.07 -0.50 -1.65	13.42 -0.48 -2.15	11.27 -0.50 -1.11	10.52 -0.44 -0.95	10.82 -0.43 -0.93	14.49 -0.62 -0.78	22.40 -1.48 0.00	23.24 -1.43 4.44	23.99 -1.22 3.12	25.25 -1.35 0.45	25.38 -1.39 2.72	28.14 -1.30 1.48	26.97 -1.31 4.47	28.88 -1.41 7.73	30.56 -1.51 6.67	32.59 -1.61 6.08	40.13 -1.69 2.75	51.93 -1.50 0.00	57.87 -0.76 0.00	56.43 0.11 0.00	57.00 0.68 0.00	47.41 0.14 0.01	39.56 -0.40 0.01	35.22 0.31 0.00
BARON_WINDS___WT_PWR 323822	14.69 -0.44 -2.21	13.89 -0.42 -2.57	11.72 -0.42 -1.47	11.00 -0.38 -1.37	11.31 -0.36 -1.34	14.96 -0.49 -1.12	22.78 -1.10 0.00	-4.82 -1.31 32.61	2.84 -1.19 24.30	22.18 -1.35 3.53	6.86 -1.41 21.20	17.94 -1.39 11.59	-3.65 -1.51 34.89	-6.00 -1.67 42.34	-0.81 -1.70 37.86	-6.00 -1.53 44.76	22.82 -1.56 20.19	52.52 -0.91 0.00	58.46 -0.18 0.00	57.10 0.79 0.00	57.50 1.18 0.00	47.88 0.61 0.01	40.00 0.04 0.01	35.22 0.31 0.00
BARRETT_IC_1 23704	25.57 1.33 -11.31	21.12 1.24 -8.13	18.06 1.06 -6.34	18.04 1.04 -7.00	18.25 1.07 -6.85	22.24 1.46 -6.45	27.05 2.22 -0.96	31.71 2.59 -0.02	30.79 2.46 -0.01	29.48 2.41 -0.02	32.33 2.48 -0.37	33.90 2.60 -0.38	74.02 2.88 -38.39	59.20 3.19 -17.99	65.81 3.14 -23.93	75.70 2.70 -32.71	68.58 2.90 -21.12	67.00 3.47 -10.10	67.00 4.40 -3.97	67.00 3.88 -6.80	67.53 3.38 -7.83	63.76 2.18 -14.30	63.29 2.36 -20.96	58.98 2.48 -21.59
BARRETT_IC_10 23701	25.57 1.33 -11.31	21.12 1.24 -8.13	18.06 1.06 -6.34	18.04 1.04 -7.00	18.25 1.07 -6.85	22.24 1.46 -6.45	27.05 2.22 -0.96	31.71 2.59 -0.02	30.79 2.46 -0.01	29.48 2.41 -0.02	32.33 2.48 -0.37	33.90 2.60 -0.38	74.02 2.88 -38.39	59.20 3.19 -17.99	65.81 3.14 -23.93	75.70 2.70 -32.71	68.58 2.90 -21.12	67.00 3.47 -10.10	67.00 4.40 -3.97	67.00 3.88 -6.80	67.53 3.38 -7.83	63.76 2.18 -14.30	63.29 2.36 -20.96	58.98 2.48 -21.59
BARRETT_IC_11 23702	25.57 1.33 -11.31	21.12 1.24 -8.13	18.06 1.06 -6.34	18.04 1.04 -7.00	18.25 1.07 -6.85	22.24 1.46 -6.45	27.05 2.22 -0.96	31.71 2.59 -0.02	30.79 2.46 -0.01	29.48 2.41 -0.02	32.33 2.48 -0.37	33.90 2.60 -0.38	74.02 2.88 -38.39	59.20 3.19 -17.99	65.81 3.14 -23.93	75.70 2.70 -32.71	68.58 2.90 -21.12	67.00 3.47 -10.10	67.00 4.40 -3.97	67.00 3.88 -6.80	67.53 3.38 -7.83	63.76 2.18 -14.30	63.29 2.36 -20.96	58.98 2.48 -21.59
BARRETT_IC_12 23703	25.57 1.33 -11.31	21.12 1.24 -8.13	18.06 1.06 -6.34	18.04 1.04 -7.00	18.25 1.07 -6.85	22.24 1.46 -6.45	27.05 2.22 -0.96	31.71 2.59 -0.02	30.79 2.46 -0.01	29.48 2.41 -0.02	32.33 2.48 -0.37	33.90 2.60 -0.38	74.02 2.88 -38.39	59.20 3.19 -17.99	65.81 3.14 -23.93	75.70 2.70 -32.71	68.58 2.90 -21.12	67.00 3.47 -10.10	67.00 4.40 -3.97	67.00 3.88 -6.80	67.53 3.38 -7.83	63.76 2.18 -14.30	63.29 2.36 -20.96	58.98 2.48 -21.59
BARRETT_IC_2 23705	25.57 1.33 -11.31	21.12 1.24 -8.13	18.06 1.06 -6.34	18.04 1.04 -7.00	18.25 1.07 -6.85	22.24 1.46 -6.45	27.05 2.22 -0.96	31.71 2.59 -0.02	30.79 2.46 -0.01	29.48 2.41 -0.02	32.33 2.48 -0.37	33.90 2.60 -0.38	74.02 2.88 -38.39	59.20 3.19 -17.99	65.81 3.14 -23.93	75.70 2.70 -32.71	68.58 2.90 -21.12	67.00 3.47 -10.10	67.00 4.40 -3.97	67.00 3.88 -6.80	67.53 3.38 -7.83	63.76 2.18 -14.30	63.29 2.36 -20.96	58.98 2.48 -21.59
BARRETT_IC_3 23706	25.57 1.33 -11.31	21.12 1.24 -8.13	18.06 1.06 -6.34	18.04 1.04 -7.00	18.25 1.07 -6.85	22.24 1.46 -6.45	27.05 2.22 -0.96	31.71 2.59 -0.02	30.79 2.46 -0.01	29.48 2.41 -0.02	32.33 2.48 -0.37	33.90 2.60 -0.38	74.02 2.88 -38.39	59.20 3.19 -17.99	65.81 3.14 -23.93	75.70 2.70 -32.71	68.58 2.90 -21.12	67.00 3.47 -10.10	67.00 4.40 -3.97	67.00 3.88 -6.80	67.53 3.38 -7.83	63.76 2.18 -14.30	63.29 2.36 -20.96	58.98 2.48 -21.59
BARRETT_IC_4 23707	25.57 1.33 -11.31	21.12 1.24 -8.13	18.06 1.06 -6.34	18.04 1.04 -7.00	18.25 1.07 -6.85	22.24 1.46 -6.45	27.05 2.22 -0.96	31.71 2.59 -0.02	30.79 2.46 -0.01	29.48 2.41 -0.02	32.33 2.48 -0.37	33.90 2.60 -0.38	74.02 2.88 -38.39	59.20 3.19 -17.99	65.81 3.14 -23.93	75.70 2.70 -32.71	68.58 2.90 -21.12	67.00 3.47 -10.10	67.00 4.40 -3.97	67.00 3.88 -6.80	67.53 3.38 -7.83	63.76 2.18 -14.30	63.29 2.36 -20.96	58.98 2.48 -21.59
BARRETT_IC_5 23708	25.57 1.33 -11.31	21.12 1.24 -8.13	18.06 1.06 -6.34	18.04 1.04 -7.00	18.25 1.07 -6.85	22.24 1.46 -6.45	27.05 2.22 -0.96	31.71 2.59 -0.02	30.79 2.46 -0.01	29.48 2.41 -0.02	32.33 2.48 -0.37	33.90 2.60 -0.38	74.02 2.88 -38.39	59.20 3.19 -17.99	65.81 3.14 -23.93	75.70 2.70 -32.71	68.58 2.90 -21.12	67.00 3.47 -10.10	67.00 4.40 -3.97	67.00 3.88 -6.80	67.53 3.38 -7.83	63.76 2.18 -14.30	63.29 2.36 -20.96	58.98 2.48 -21.59

BARRETT_IC_6 23709	25.57 1.33 -11.31	21.12 1.24 -8.13	18.06 1.06 -6.34	18.04 1.04 -7.00	18.25 1.07 -6.85	22.24 1.46 -6.45	27.05 2.22 -0.96	31.71 2.59 -0.02	30.79 2.46 -0.01	29.48 2.41 -0.02	32.33 2.48 -0.37	33.90 2.60 -0.38	74.02 2.88 -38.39	59.20 3.19 -17.99	65.81 3.14 -23.93	75.70 2.70 -32.71	68.58 2.90 -21.12	67.00 3.47 -10.10	67.00 4.40 -3.97	67.00 3.88 -6.80	67.53 3.38 -7.83	63.76 2.18 -14.30	63.29 2.36 -20.96	58.98 2.48 -21.59
BARRETT_IC_7 23710	25.57 1.33 -11.31	21.12 1.24 -8.13	18.08 1.08 -6.34	18.04 1.04 -7.00	18.25 1.07 -6.85	22.24 1.46 -6.45	27.05 2.22 -0.96	31.70 2.59 -0.01	30.80 2.46 -0.01	29.50 2.44 -0.01	32.39 2.54 -0.37	33.93 2.63 -0.38	73.99 2.85 -38.39	59.20 3.19 -17.99	65.81 3.14 -23.93	75.74 2.74 -32.71	68.58 2.90 -21.12	66.73 3.21 -10.10	66.65 4.05 -3.97	67.00 3.89 -6.80	67.59 3.44 -7.83	63.76 2.17 -14.30	63.33 2.40 -20.96	59.08 2.58 -21.59
BARRETT_IC_8 23711	25.57 1.33 -11.31	21.12 1.24 -8.13	18.06 1.06 -6.34	18.04 1.04 -7.00	18.25 1.07 -6.85	22.24 1.46 -6.45	27.05 2.22 -0.96	31.71 2.59 -0.02	30.79 2.46 -0.01	29.48 2.41 -0.02	32.33 2.48 -0.37	33.90 2.60 -0.38	74.02 2.88 -38.39	59.20 3.19 -17.99	65.81 3.14 -23.93	75.70 2.70 -32.71	68.58 2.90 -21.12	67.00 3.47 -10.10	67.00 4.40 -3.97	67.00 3.88 -6.80	67.53 3.38 -7.83	63.76 2.18 -14.30	63.29 2.36 -20.96	58.98 2.48 -21.59
BARRETT_IC_9 23700	25.57 1.33 -11.31	21.12 1.24 -8.13	18.06 1.06 -6.34	18.04 1.04 -7.00	18.25 1.07 -6.85	22.24 1.46 -6.45	27.05 2.22 -0.96	31.71 2.59 -0.02	30.79 2.46 -0.01	29.48 2.41 -0.02	32.33 2.48 -0.37	33.90 2.60 -0.38	74.02 2.88 -38.39	59.20 3.19 -17.99	65.81 3.14 -23.93	75.70 2.70 -32.71	68.58 2.90 -21.12	67.00 3.47 -10.10	67.00 4.40 -3.97	67.00 3.88 -6.80	67.53 3.38 -7.83	63.76 2.18 -14.30	63.29 2.36 -20.96	58.98 2.48 -21.59
BARRETT___1 23545	25.57 1.33 -11.31	21.12 1.24 -8.13	18.06 1.06 -6.34	18.04 1.04 -7.00	18.25 1.07 -6.85	22.24 1.46 -6.45	27.05 2.22 -0.96	31.71 2.59 -0.02	30.79 2.46 -0.01	29.48 2.41 -0.02	32.33 2.48 -0.37	33.90 2.60 -0.38	74.02 2.88 -38.39	59.20 3.19 -17.99	65.81 3.14 -23.93	75.70 2.70 -32.71	68.58 2.90 -21.12	67.00 3.47 -10.10	67.00 4.40 -3.97	67.00 3.88 -6.80	67.53 3.38 -7.83	63.76 2.18 -14.30	63.29 2.36 -20.96	58.98 2.48 -21.59
BARRETT___2 23546	25.57 1.33 -11.31	21.12 1.24 -8.13	18.06 1.06 -6.34	18.04 1.04 -7.00	18.25 1.07 -6.85	22.24 1.46 -6.45	27.05 2.22 -0.96	31.71 2.59 -0.02	30.79 2.46 -0.01	29.48 2.41 -0.02	32.33 2.48 -0.37	33.90 2.60 -0.38	74.02 2.88 -38.39	59.20 3.19 -17.99	65.81 3.14 -23.93	75.70 2.70 -32.71	68.58 2.90 -21.12	67.00 3.47 -10.10	67.00 4.40 -3.97	67.00 3.88 -6.80	67.53 3.38 -7.83	63.76 2.18 -14.30	63.29 2.36 -20.96	58.98 2.48 -21.59
BATAVIA___115KV_TB1 55881	14.24 -0.05 -1.37	13.62 -0.07 -1.94	11.45 -0.14 -0.92	10.68 -0.07 -0.74	10.93 -0.12 -0.73	14.80 -0.14 -0.61	23.14 -0.74 0.00	25.46 -0.55 3.10	25.63 -0.40 2.30	25.99 -0.73 0.33	26.66 -0.83 2.00	29.03 -0.80 1.09	28.97 -0.49 3.29	31.38 -0.27 6.37	32.91 -0.39 5.45	36.31 0.16 4.13	43.06 0.36 1.87	53.54 0.11 0.00	59.98 1.35 0.00	58.17 1.86 0.00	58.97 2.65 0.00	49.01 1.75 0.01	40.72 0.76 0.01	36.16 1.26 0.00
BAYONEEC___CTG1 323682	23.86 1.25 -9.69	21.02 1.16 -8.11	17.96 0.97 -6.33	17.91 0.92 -6.98	18.11 0.95 -6.83	21.35 1.36 -5.66	25.95 2.08 0.00	31.46 2.36 0.00	30.50 2.18 0.00	29.36 2.30 0.00	31.94 2.45 -0.01	33.51 2.57 -0.02	35.52 2.75 -0.02	38.76 3.04 2.30	41.54 3.26 0.46	43.16 2.86 -0.01	47.78 3.21 0.00	57.44 4.01 0.00	63.44 4.81 0.00	60.48 4.17 0.00	59.47 3.15 0.00	49.11 1.84 0.01	42.08 2.12 0.01	37.14 2.24 0.00
BAYONEEC___CTG10 323750	23.86 1.25 -9.69	21.02 1.16 -8.11	17.96 0.97 -6.33	17.91 0.92 -6.98	18.11 0.95 -6.83	21.35 1.36 -5.66	25.95 2.08 0.00	31.46 2.36 0.00	30.50 2.18 0.00	29.36 2.30 0.00	31.94 2.45 -0.01	33.51 2.57 -0.02	35.52 2.75 -0.02	38.76 3.04 2.30	41.54 3.26 0.46	43.16 2.86 -0.01	47.78 3.21 0.00	57.44 4.01 0.00	63.44 4.81 0.00	60.48 4.17 0.00	59.47 3.15 0.00	49.11 1.84 0.01	42.08 2.12 0.01	37.14 2.24 0.00
BAYONEEC___CTG2 323683	23.86 1.25 -9.69	21.02 1.16 -8.11	17.96 0.97 -6.33	17.91 0.92 -6.98	18.11 0.95 -6.83	21.35 1.36 -5.66	25.95 2.08 0.00	31.46 2.36 0.00	30.50 2.18 0.00	29.36 2.30 0.00	31.94 2.45 -0.01	33.51 2.57 -0.02	35.52 2.75 -0.02	38.76 3.04 2.30	41.54 3.26 0.46	43.16 2.86 -0.01	47.78 3.21 0.00	57.44 4.01 0.00	63.44 4.81 0.00	60.48 4.17 0.00	59.47 3.15 0.00	49.11 1.84 0.01	42.08 2.12 0.01	37.14 2.24 0.00
BAYONEEC___CTG3 323684	23.86 1.25 -9.69	21.02 1.16 -8.11	17.96 0.97 -6.33	17.91 0.92 -6.98	18.11 0.95 -6.83	21.35 1.36 -5.66	25.95 2.08 0.00	31.46 2.36 0.00	30.50 2.18 0.00	29.36 2.30 0.00	31.94 2.45 -0.01	33.51 2.57 -0.02	35.52 2.75 -0.02	38.76 3.04 2.30	41.54 3.26 0.46	43.16 2.86 -0.01	47.78 3.21 0.00	57.44 4.01 0.00	63.44 4.81 0.00	60.48 4.17 0.00	59.47 3.15 0.00	49.11 1.84 0.01	42.08 2.12 0.01	37.14 2.24 0.00
BAYONEEC___CTG4 323685	23.86 1.25 -9.69	21.02 1.16 -8.11	17.96 0.97 -6.33	17.91 0.92 -6.98	18.11 0.95 -6.83	21.35 1.36 -5.66	25.95 2.08 0.00	31.46 2.36 0.00	30.50 2.18 0.00	29.36 2.30 0.00	31.94 2.45 -0.01	33.51 2.57 -0.02	35.52 2.75 -0.02	38.76 3.04 2.30	41.54 3.26 0.46	43.16 2.86 -0.01	47.78 3.21 0.00	57.44 4.01 0.00	63.44 4.81 0.00	60.48 4.17 0.00	59.47 3.15 0.00	49.11 1.84 0.01	42.08 2.12 0.01	37.14 2.24 0.00
BAYONEEC___CTG5 323686	23.86 1.25 -9.69	21.02 1.16 -8.11	17.96 0.97 -6.33	17.91 0.92 -6.98	18.11 0.95 -6.83	21.35 1.36 -5.66	25.95 2.08 0.00	31.46 2.36 0.00	30.50 2.18 0.00	29.36 2.30 0.00	31.94 2.45 -0.01	33.51 2.57 -0.02	35.52 2.75 -0.02	38.76 3.04 2.30	41.54 3.26 0.46	43.16 2.86 -0.01	47.78 3.21 0.00	57.44 4.01 0.00	63.44 4.81 0.00	60.48 4.17 0.00	59.47 3.15 0.00	49.11 1.84 0.01	42.08 2.12 0.01	37.14 2.24 0.00
BAYONEEC___CTG6 323687	23.86 1.25 -9.69	21.02 1.16 -8.11	17.96 0.97 -6.33	17.91 0.92 -6.98	18.11 0.95 -6.83	21.35 1.36 -5.66	25.95 2.08 0.00	31.46 2.36 0.00	30.50 2.18 0.00	29.36 2.30 0.00	31.94 2.45 -0.01	33.51 2.57 -0.02	35.52 2.75 -0.02	38.76 3.04 2.30	41.54 3.26 0.46	43.16 2.86 -0.01	47.78 3.21 0.00	57.44 4.01 0.00	63.44 4.81 0.00	60.48 4.17 0.00	59.47 3.15 0.00	49.11 1.84 0.01	42.08 2.12 0.01	37.14 2.24 0.00
BAYONEEC___CTG7 323688	23.86 1.25 -9.69	21.02 1.16 -8.11	17.96 0.97 -6.33	17.91 0.92 -6.98	18.11 0.95 -6.83	21.35 1.36 -5.66	25.95 2.08 0.00	31.46 2.36 0.00	30.50 2.18 0.00	29.36 2.30 0.00	31.94 2.45 -0.01	33.51 2.57 -0.02	35.52 2.75 -0.02	38.76 3.04 2.30	41.54 3.26 0.46	43.16 2.86 -0.01	47.78 3.21 0.00	57.44 4.01 0.00	63.44 4.81 0.00	60.48 4.17 0.00	59.47 3.15 0.00	49.11 1.84 0.01	42.08 2.12 0.01	37.14 2.24 0.00

BAYONEEC___CTG8 323689	23.86 1.25 -9.69	21.02 1.16 -8.11	17.96 0.97 -6.33	17.91 0.92 -6.98	18.11 0.95 -6.83	21.35 1.36 -5.66	25.95 2.08 0.00	31.46 2.36 0.00	30.50 2.18 0.00	29.36 2.30 0.00	31.94 2.45 -0.01	33.51 2.57 -0.02	35.52 2.75 -0.02	38.76 3.04 2.30	41.54 3.26 0.46	43.16 2.86 -0.01	47.78 3.21 0.00	57.44 4.01 0.00	63.44 4.81 0.00	60.48 4.17 0.00	59.47 3.15 0.00	49.11 1.84 0.01	42.08 2.12 0.01	37.14 2.24 0.00
BAYONEEC___CTG9 323749	23.86 1.25 -9.69	21.02 1.16 -8.11	17.96 0.97 -6.33	17.91 0.92 -6.98	18.11 0.95 -6.83	21.35 1.36 -5.66	25.95 2.08 0.00	31.46 2.36 0.00	30.50 2.18 0.00	29.36 2.30 0.00	31.94 2.45 -0.01	33.51 2.57 -0.02	35.52 2.75 -0.02	38.76 3.04 2.30	41.54 3.26 0.46	43.16 2.86 -0.01	47.78 3.21 0.00	57.44 4.01 0.00	63.44 4.81 0.00	60.48 4.17 0.00	59.47 3.15 0.00	49.11 1.84 0.01	42.08 2.12 0.01	37.14 2.24 0.00
BEACON___LESR 323632	24.30 0.49 -10.89	21.03 0.43 -8.85	16.72 0.43 -5.62	18.88 0.39 -8.49	19.04 0.41 -8.30	19.24 0.56 -4.35	20.56 0.79 4.10	27.73 0.73 2.10	29.00 0.68 0.00	27.68 0.62 0.00	30.10 0.62 0.00	31.57 0.65 0.00	33.31 0.56 0.00	36.21 0.69 2.49	37.43 0.66 1.97	40.93 0.64 0.00	45.28 0.71 0.00	54.44 1.01 0.00	60.27 1.64 0.00	56.77 1.52 1.06	57.39 1.07 0.00	43.22 0.66 4.73	40.52 0.56 0.01	35.50 0.59 0.00
BEAVER RIVER___HYD 24048	13.12 -0.06 -0.26	12.50 -0.07 -0.83	10.80 -0.05 -0.19	9.91 -0.10 0.00	10.24 -0.08 0.00	14.36 0.03 -0.01	23.73 -0.14 0.00	28.78 -0.32 0.00	27.93 -0.40 0.00	26.36 -0.70 0.00	29.01 -0.47 0.00	30.49 -0.43 0.00	32.32 -0.43 0.00	36.07 -0.38 1.57	36.92 -0.58 1.24	39.85 -0.44 0.00	44.61 0.04 0.00	53.81 0.38 0.00	59.98 1.35 0.00	58.23 1.92 0.00	58.34 2.02 0.00	48.74 1.47 0.01	40.76 0.80 0.01	35.46 0.56 0.00
BEEBEE_GT_13 23619	14.06 -0.04 -1.17	13.49 -0.05 -1.79	11.36 -0.10 -0.80	10.55 -0.05 -0.59	10.83 -0.08 -0.58	14.71 -0.11 -0.49	23.18 -0.69 0.00	27.36 -0.84 0.90	26.98 -0.68 0.66	26.12 -0.84 0.10	27.93 -0.97 0.57	29.65 -0.96 0.31	31.02 -0.79 0.94	33.72 -0.61 3.68	34.97 -0.74 3.04	38.87 -0.20 1.21	43.98 -0.04 0.55	53.11 -0.32 0.00	59.04 0.41 0.00	57.10 0.79 0.00	57.61 1.30 0.00	48.02 0.76 0.01	40.08 0.12 0.01	35.43 0.52 0.00
BENSHRST_27_KV_BENSHRST_1 355998	24.08 1.46 -9.70	21.19 1.33 -8.12	18.15 1.15 -6.33	18.05 1.05 -6.99	18.25 1.08 -6.84	21.55 1.55 -5.67	26.24 2.36 0.00	31.78 2.68 0.00	30.81 2.49 0.00	29.74 2.68 0.00	32.41 2.92 -0.02	34.04 3.09 -0.02	36.01 3.24 -0.02	39.29 3.57 2.30	41.96 3.37 0.16	43.65 3.34 -0.02	48.31 3.74 0.00	57.65 4.22 0.00	63.67 5.04 0.00	60.93 4.62 0.00	60.04 3.72 0.00	49.44 2.17 0.01	42.60 2.64 0.01	37.73 2.83 0.00
BETHLEHEM___GRP 23843	24.24 0.32 -10.99	20.99 0.29 -8.95	16.82 0.29 -5.87	18.80 0.30 -8.49	18.95 0.31 -8.31	19.37 0.39 -4.65	20.73 0.48 3.62	27.63 0.38 1.85	28.58 0.25 0.00	27.28 0.22 0.00	29.72 0.24 0.00	31.17 0.25 0.00	32.91 0.16 0.00	35.72 0.19 2.49	36.89 0.12 1.97	40.33 0.04 0.00	44.52 -0.04 0.00	53.32 -0.11 0.00	58.92 0.29 0.00	55.88 0.51 0.94	56.32 0.00 0.00	42.84 -0.24 4.20	39.84 -0.12 0.01	34.94 0.03 0.00
BETHLEHEM___GS1 323560	24.24 0.32 -10.99	20.99 0.29 -8.95	16.85 0.32 -5.87	18.80 0.30 -8.49	18.95 0.31 -8.31	19.37 0.39 -4.65	20.73 0.48 3.62	27.60 0.35 1.85	28.55 0.23 0.00	27.27 0.22 0.00	29.66 0.18 0.00	31.17 0.25 0.00	32.91 0.16 0.00	35.72 0.19 2.49	36.89 0.12 1.97	40.29 0.00 0.00	44.52 -0.04 0.00	53.48 0.05 0.00	59.10 0.47 0.00	55.82 0.45 0.94	56.26 -0.06 0.00	42.84 -0.24 4.20	39.84 -0.12 0.01	34.94 0.03 0.00
BETHLEHEM___GS2 323561	24.24 0.32 -10.99	20.99 0.29 -8.95	16.85 0.32 -5.87	18.80 0.30 -8.49	18.95 0.31 -8.31	19.37 0.39 -4.65	20.73 0.48 3.62	27.60 0.35 1.85	28.55 0.23 0.00	27.27 0.22 0.00	29.66 0.18 0.00	31.17 0.25 0.00	32.91 0.16 0.00	35.72 0.19 2.49	36.89 0.12 1.97	40.29 0.00 0.00	44.52 -0.04 0.00	53.48 0.05 0.00	59.10 0.47 0.00	55.82 0.45 0.94	56.26 -0.06 0.00	42.84 -0.24 4.20	39.84 -0.12 0.01	34.94 0.03 0.00
BETHLEHEM___GS3 323562	24.24 0.32 -10.99	20.99 0.29 -8.95	16.85 0.32 -5.87	18.80 0.30 -8.49	18.95 0.31 -8.31	19.37 0.39 -4.65	20.73 0.48 3.62	27.60 0.35 1.85	28.55 0.23 0.00	27.27 0.22 0.00	29.66 0.18 0.00	31.17 0.25 0.00	32.91 0.16 0.00	35.72 0.19 2.49	36.89 0.12 1.97	40.29 0.00 0.00	44.52 -0.04 0.00	53.48 0.05 0.00	59.10 0.47 0.00	55.82 0.45 0.94	56.26 -0.06 0.00	42.84 -0.24 4.20	39.84 -0.12 0.01	34.94 0.03 0.00
BETHLEHEM___STEEL 23779	14.05 -0.50 -1.63	13.40 -0.48 -2.14	11.25 -0.51 -1.09	10.50 -0.44 -0.94	10.78 -0.46 -0.92	14.47 -0.63 -0.77	22.35 -1.53 0.00	22.24 -1.63 5.23	22.93 -1.44 3.95	24.89 -1.60 0.57	24.30 -1.74 3.44	27.31 -1.73 1.88	25.41 -1.67 5.67	27.09 -1.82 9.10	28.98 -1.86 7.91	31.25 -1.81 7.22	39.44 -1.87 3.26	51.61 -1.82 0.00	57.63 -1.00 0.00	56.09 -0.23 0.00	56.66 0.34 0.00	47.27 0.00 0.01	39.44 -0.52 0.01	35.12 0.21 0.00
BETHLHEM_115KV_TB1 79974	24.31 0.35 -11.04	21.06 0.32 -8.99	16.97 0.31 -6.00	18.80 0.31 -8.49	18.95 0.32 -8.31	19.55 0.40 -4.81	21.06 0.53 3.34	27.83 0.44 1.71	28.63 0.31 0.00	27.33 0.27 0.00	29.77 0.29 0.00	31.26 0.34 0.00	32.98 0.23 0.00	35.80 0.27 2.49	37.01 0.23 1.97	40.41 0.12 0.00	44.61 0.04 0.00	53.48 0.05 0.00	59.10 0.47 0.00	56.06 0.62 0.87	56.49 0.17 0.00	43.29 -0.09 3.89	39.96 0.00 0.01	35.05 0.14 0.00
BETHPAGE_CC_5 323564	25.93 1.46 -11.55	21.21 1.34 -8.13	18.15 1.14 -6.34	18.09 1.09 -7.00	18.31 1.14 -6.85	22.51 1.62 -6.56	27.43 2.46 -1.10	31.82 2.71 -0.01	30.83 2.49 -0.01	29.56 2.49 -0.01	32.08 2.54 -0.06	33.68 2.69 -0.06	40.96 2.88 -5.33	41.66 3.15 -0.49	43.70 3.14 -1.82	47.53 2.70 -4.54	50.44 2.94 -2.93	57.65 3.47 -0.75	62.61 4.34 0.36	60.36 3.94 -0.11	59.65 2.98 -0.35	50.83 1.89 -1.65	44.93 2.12 -2.84	40.26 2.37 -2.98
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	14.05 -0.53 -1.65	13.39 -0.51 -2.15	11.24 -0.53 -1.11	10.49 -0.47 -0.95	10.77 -0.49 -0.93	14.45 -0.66 -0.78	22.37 -1.50 0.00	22.58 -1.60 4.92	23.23 -1.39 3.71	24.98 -1.54 0.54	24.57 -1.68 3.23	27.49 -1.67 1.76	25.79 -1.64 5.32	27.53 -1.79 8.70	29.38 -1.82 7.55	31.70 -1.81 6.78	39.64 -1.87 3.06	51.83 -1.60 0.00	57.87 -0.76 0.00	56.31 0.00 0.00	56.83 0.51 0.00	47.41 0.14 0.01	39.56 -0.40 0.01	35.19 0.28 0.00
BINGHAMTON___COGEN 23790	16.21 0.12 -3.18	15.15 0.11 -3.30	12.84 0.07 -2.10	12.16 0.06 -2.09	12.44 0.06 -2.05	16.15 0.11 -1.70	23.85 -0.02 0.00	29.10 0.00 0.00	28.27 -0.06 0.00	26.87 -0.19 0.00	29.27 -0.21 0.00	30.74 -0.19 0.00	32.59 -0.16 0.00	35.34 -0.11 2.56	36.60 -0.12 2.03	40.41 0.12 0.00	44.84 0.27 0.00	53.91 0.48 0.00	59.69 1.06 0.00	57.66 1.35 0.00	57.67 1.35 0.00	48.12 0.85 0.01	40.48 0.52 0.01	35.53 0.63 0.00

BIXINCNT_115KV_LOAD 355685	13.82 -0.85 -1.76	13.17 -0.81 -2.23	11.02 -0.82 -1.17	10.31 -0.73 -1.03	10.58 -0.75 -1.01	14.17 -1.00 -0.84	22.04 -1.84 0.00	23.92 -1.95 3.23	24.28 -1.67 2.37	25.01 -1.70 0.34	25.64 -1.77 2.07	27.94 -1.86 1.13	27.28 -2.06 3.40	29.05 -2.47 6.49	30.70 -2.48 5.56	33.42 -2.54 4.33	39.94 -2.67 1.95	51.45 -1.98 0.00	57.69 -0.94 0.00	56.37 0.06 0.00	56.94 0.62 0.00	47.36 0.09 0.01	39.36 -0.60 0.01	35.01 0.10 0.00
BLACK RIVER___HYD 24047	13.54 0.16 -0.47	12.95 0.14 -1.07	11.13 0.14 -0.33	10.20 0.07 -0.13	10.54 0.09 -0.12	14.76 0.31 -0.11	24.09 0.21 0.00	29.16 0.06 0.00	28.27 -0.06 0.00	26.60 -0.46 0.00	29.21 -0.27 0.00	30.74 -0.18 0.00	32.55 -0.20 0.00	36.79 -0.08 1.15	37.68 -0.15 0.91	40.33 0.04 0.00	45.06 0.49 0.00	54.44 1.01 0.00	60.92 2.28 0.00	59.35 3.04 0.00	59.58 3.27 0.00	49.73 2.46 0.01	41.52 1.56 0.01	36.13 1.22 0.00
BLACKRVR_115KV_TB2 79977	13.54 0.16 -0.47	12.95 0.14 -1.07	11.13 0.14 -0.33	10.20 0.07 -0.13	10.54 0.09 -0.12	14.76 0.32 -0.11	24.09 0.21 0.00	29.16 0.06 0.00	28.27 -0.06 0.00	26.57 -0.49 0.00	29.19 -0.29 0.00	30.71 -0.22 0.00	32.55 -0.20 0.00	36.79 -0.08 1.15	37.68 -0.15 0.91	40.33 0.04 0.00	45.06 0.49 0.00	54.39 0.96 0.00	60.86 2.23 0.00	59.35 3.04 0.00	59.58 3.27 0.00	49.73 2.46 0.01	41.52 1.56 0.01	36.13 1.22 0.00
BLDWN_LI_69_KV_BK4 356085	26.13 1.43 -11.77	21.20 1.33 -8.13	18.17 1.16 -6.34	18.09 1.09 -7.00	18.30 1.13 -6.85	22.58 1.58 -6.67	27.51 2.41 -1.23	31.88 2.76 -0.01	30.94 2.61 -0.01	29.64 2.57 -0.01	32.37 2.74 -0.15	33.95 2.88 -0.15	50.47 3.08 -14.64	46.85 3.42 -5.42	50.27 3.45 -8.08	55.87 3.10 -12.48	56.01 3.39 -8.06	60.98 3.69 -3.86	64.73 4.57 -1.52	63.36 4.45 -2.60	63.07 3.77 -2.98	55.32 2.60 -5.44	50.62 2.68 -7.97	45.96 2.83 -8.22
BLISS_WT_PWR 323608	13.73 -0.94 -1.76	13.08 -0.89 -2.23	10.94 -0.90 -1.17	10.24 -0.80 -1.03	10.53 -0.81 -1.01	14.08 -1.09 -0.84	21.87 -2.01 0.00	23.75 -2.12 3.23	24.14 -1.81 2.37	24.90 -1.81 0.34	25.56 -1.86 2.07	27.91 -1.89 1.13	27.09 -2.26 3.40	28.83 -2.70 6.49	30.43 -2.75 5.56	33.34 -2.70 4.25	39.71 -2.94 1.92	51.35 -2.08 0.00	57.52 -1.12 0.00	56.43 0.11 0.00	57.05 0.73 0.00	47.27 0.00 0.01	39.32 -0.64 0.01	34.91 0.00 0.00
BLUESTONE___WT_PWR 323821	16.83 0.49 -3.41	15.66 0.43 -3.48	13.30 0.38 -2.25	12.60 0.32 -2.27	12.90 0.35 -2.22	16.81 0.63 -1.85	24.69 0.81 0.00	30.84 0.93 -0.80	29.76 0.88 -0.56	27.68 0.54 -0.08	30.67 0.71 -0.49	32.02 0.84 -0.27	34.43 0.88 -0.80	37.66 1.22 1.57	39.00 1.39 1.15	43.23 1.77 -1.17	47.32 2.23 -0.53	56.58 3.15 0.00	62.97 4.34 0.00	60.82 4.51 0.00	60.71 4.40 0.00	50.49 3.22 0.01	42.28 2.32 0.01	37.00 2.09 0.00
BLUE_CIRC_CHEM_DRP 24182	24.42 0.43 -11.07	21.19 0.39 -9.06	17.44 0.38 -6.39	18.71 0.34 -8.36	18.86 0.35 -8.18	20.19 0.52 -5.34	22.25 0.69 2.32	28.50 0.58 1.19	28.72 0.40 0.00	27.36 0.30 0.00	29.77 0.29 0.00	31.23 0.31 0.00	32.98 0.23 0.00	35.82 0.27 2.46	37.07 0.27 1.95	40.53 0.24 0.00	44.70 0.13 0.00	53.59 0.16 0.00	59.33 0.70 0.00	56.78 1.07 0.60	56.99 0.68 0.00	44.95 0.43 2.76	40.36 0.40 0.01	35.39 0.49 0.00
BOC_GAS_DRP 24189	24.64 0.41 -11.30	21.37 0.38 -9.25	17.74 0.35 -6.72	18.78 0.32 -8.46	18.93 0.33 -8.28	20.54 0.47 -5.74	22.69 0.62 1.81	28.76 0.58 0.93	28.80 0.48 0.00	27.52 0.46 0.00	29.98 0.50 0.00	31.45 0.53 0.00	33.21 0.46 0.00	36.04 0.49 2.47	37.29 0.50 1.96	40.73 0.44 0.00	44.97 0.40 0.00	53.80 0.37 0.00	59.39 0.76 0.00	56.74 0.90 0.47	56.83 0.51 0.00	45.31 0.19 2.16	40.24 0.28 0.01	35.29 0.38 0.00
BOONVILLE_115KV_TB1 79983	13.65 0.26 -0.47	13.46 0.23 -1.48	11.22 0.21 -0.35	10.17 0.16 0.00	10.50 0.18 0.00	14.71 0.37 -0.01	24.26 0.38 0.00	29.42 0.32 0.00	28.58 0.25 0.00	27.03 -0.03 0.00	29.63 0.15 0.00	31.11 0.19 0.00	32.95 0.20 0.00	36.05 0.38 2.35	37.20 0.31 1.86	40.73 0.44 0.00	45.46 0.89 0.00	54.61 1.18 0.00	60.74 2.11 0.00	58.79 2.48 0.00	58.74 2.42 0.00	49.06 1.80 0.01	41.16 1.20 0.01	35.95 1.05 0.00
BORALEX_4TH_BRANCH 23824	29.53 1.49 -15.12	26.12 1.36 -13.01	28.29 1.23 -16.40	19.50 1.14 -8.35	19.68 1.18 -8.17	33.89 1.63 -17.92	44.48 2.51 -18.10	41.29 2.91 -9.27	30.87 2.55 0.00	29.12 2.06 0.00	31.46 1.98 0.00	32.90 1.98 0.00	34.78 2.03 0.00	37.76 2.24 2.50	39.09 2.32 1.98	42.42 2.14 0.00	46.93 2.36 0.00	56.96 3.53 0.00	63.38 4.75 0.00	66.19 5.18 -4.70	60.88 4.56 0.00	62.04 3.50 -11.26	43.00 3.04 0.01	37.66 2.76 0.00
BOWLINE___1 23526	23.47 1.10 -9.45	20.68 1.00 -7.94	17.69 0.85 -6.17	17.62 0.81 -6.81	17.83 0.84 -6.66	21.04 1.19 -5.52	25.69 1.81 0.00	31.11 2.01 0.00	30.16 1.84 0.00	28.95 1.89 0.00	31.46 1.98 0.00	33.03 2.10 0.00	34.98 2.23 0.00	38.19 2.47 2.30	39.45 2.52 1.82	42.46 2.17 0.00	47.06 2.49 0.00	56.58 3.15 0.00	62.56 3.93 0.00	59.86 3.55 0.00	58.91 2.59 0.00	48.83 1.56 0.01	41.60 1.64 0.01	36.65 1.74 0.00
BOWLINE___2 23595	23.47 1.10 -9.45	20.68 1.00 -7.94	17.69 0.85 -6.17	17.62 0.81 -6.81	17.83 0.84 -6.66	21.04 1.19 -5.52	25.69 1.81 0.00	31.11 2.01 0.00	30.16 1.84 0.00	28.95 1.89 0.00	31.46 1.98 0.00	33.03 2.10 0.00	34.98 2.23 0.00	38.16 2.44 2.30	39.41 2.48 1.82	42.42 2.13 0.00	47.02 2.45 0.00	56.53 3.10 0.00	62.50 3.87 0.00	59.75 3.44 0.00	58.79 2.48 0.00	48.74 1.47 0.01	41.56 1.60 0.01	36.62 1.71 0.00
BRADY___115KV_TB2 356060	12.11 -0.25 0.57	9.73 -0.21 1.81	10.04 -0.20 0.42	9.81 -0.20 0.00	10.13 -0.20 0.00	14.07 -0.24 0.01	23.76 -0.12 0.00	29.16 0.06 0.00	28.38 0.06 0.00	27.14 0.08 0.00	29.69 0.21 0.00	31.14 0.22 0.00	33.08 0.33 0.00	37.56 0.42 0.87	38.48 0.43 0.69	40.69 0.40 0.00	45.01 0.45 0.00	54.18 0.75 0.00	59.10 0.47 0.00	56.65 0.34 0.00	57.05 0.73 0.00	48.08 0.80 0.00	40.61 0.64 0.00	35.08 0.17 0.00
BRANSCOMB___SOLAR 323811	28.62 0.94 -14.75	25.15 0.83 -12.57	26.13 0.76 -14.71	19.38 0.70 -8.67	19.54 0.73 -8.48	31.10 1.06 -15.71	39.57 1.60 -14.09	37.98 1.66 -7.22	29.71 1.39 0.00	28.20 1.14 0.00	30.54 1.06 0.00	32.10 1.17 0.00	33.63 0.88 0.00	36.53 1.06 2.55	37.85 1.12 2.02	41.50 1.21 0.00	46.04 1.47 0.00	55.73 2.30 0.00	61.85 3.22 0.00	63.29 3.32 -3.66	59.30 2.98 0.00	58.62 2.46 -8.88	41.92 1.96 0.01	36.72 1.81 0.00
BRDGHMPT_69_KV_BK1 55812	25.94 1.73 -11.29	21.44 1.57 -8.13	18.42 1.42 -6.34	18.27 1.27 -7.00	18.49 1.32 -6.85	22.84 2.08 -6.44	27.80 2.98 -0.94	32.52 3.41 -0.01	31.22 2.89 -0.01	29.99 2.92 -0.01	32.46 2.95 -0.03	33.95 3.00 -0.03	37.89 3.01 -2.13	39.93 3.12 1.20	41.57 3.18 0.35	44.84 2.74 -1.81	48.82 3.08 -1.17	62.11 3.37 -5.31	69.56 4.10 -6.82	67.36 4.62 -6.43	64.47 2.53 -5.62	51.98 1.70 -3.00	43.28 1.84 -1.47	38.60 2.51 -1.18



BRENTWOD_69_KV_W. BRTWOOD 56703	25.82 1.58 -11.32	21.32 1.44 -8.13	18.27 1.27 -6.34	18.17 1.17 -7.00	18.38 1.21 -6.85	22.57 1.79 -6.45	27.51 2.67 -0.96	32.17 3.06 -0.01	31.11 2.78 -0.01	29.80 2.73 -0.01	32.43 2.92 -0.03	33.96 3.00 -0.03	38.33 3.21 -2.37	40.29 3.35 1.07	41.89 3.33 0.19	45.17 2.86 -2.02	48.91 3.03 -1.31	56.07 3.26 0.62	61.25 4.10 1.48	59.43 4.28 1.17	58.47 3.04 0.89	49.49 1.94 -0.28	43.35 2.20 -1.18	39.02 2.79 -1.32
BRISTLHL_115KV_TB1 79998	13.60 -0.08 -0.75	13.11 -0.07 -1.43	11.11 -0.07 -0.52	10.22 -0.08 -0.29	10.53 -0.08 -0.29	14.48 -0.10 -0.25	23.42 -0.45 0.00	28.52 -0.58 0.00	27.76 -0.57 0.00	26.44 -0.62 0.00	28.74 -0.74 0.00	30.18 -0.74 0.00	32.00 -0.75 0.00	37.41 -0.84 -0.23	38.11 -0.81 -0.18	39.56 -0.73 0.00	43.81 -0.76 0.00	52.47 -0.96 0.00	58.10 -0.53 0.00	56.03 -0.28 0.00	55.98 -0.34 0.00	46.85 -0.43 0.00	39.45 -0.52 0.00	34.56 -0.35 0.00
BROOKHAVEN___DRP 24191	25.72 1.51 -11.29	21.26 1.39 -8.13	18.23 1.23 -6.34	18.11 1.11 -7.00	18.32 1.15 -6.85	22.57 1.81 -6.43	27.35 2.53 -0.94	31.97 2.85 -0.01	30.74 2.41 -0.01	29.45 2.38 -0.01	31.90 2.39 -0.03	33.43 2.47 -0.03	37.35 2.49 -2.11	39.35 2.55 1.21	40.98 2.60 0.37	44.22 2.14 -1.80	48.00 2.27 -1.16	60.76 2.24 -5.09	68.26 3.11 -6.52	66.07 3.60 -6.15	63.55 1.86 -5.37	51.21 1.04 -2.89	42.86 1.44 -1.45	38.14 2.06 -1.17
BROOKLYN_NAVY_YARD 23515	23.86 1.25 -9.69	21.01 1.15 -8.11	17.95 0.96 -6.33	17.90 0.91 -6.98	18.10 0.94 -6.83	21.34 1.35 -5.66	25.98 2.10 0.00	31.46 2.36 0.00	30.50 2.18 0.00	29.33 2.27 0.00	31.94 2.45 -0.01	33.54 2.60 -0.02	35.52 2.75 -0.02	38.79 3.08 2.30	41.54 3.26 0.46	43.20 2.90 -0.01	47.82 3.25 0.00	57.49 4.06 0.00	63.50 4.86 0.00	60.54 4.23 0.00	59.53 3.21 0.00	49.16 1.89 0.01	42.08 2.12 0.01	37.11 2.20 0.00
BROOKLYN___ARMY_DRP 323595	24.03 1.41 -9.70	21.16 1.29 -8.12	18.11 1.11 -6.33	18.02 1.02 -6.99	18.21 1.04 -6.84	21.50 1.50 -5.67	26.14 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.63 2.57 0.00	32.30 2.80 -0.02	33.88 2.94 -0.02	35.85 3.08 -0.02	39.06 3.35 2.30	41.73 3.14 0.16	43.45 3.14 -0.02	48.04 3.48 0.00	57.33 3.90 0.00	63.26 4.63 0.00	60.59 4.28 0.00	59.70 3.38 0.00	49.16 1.89 0.01	42.40 2.44 0.01	37.56 2.65 0.00
BROOME_2_LFGE 323671	16.21 0.12 -3.18	15.15 0.11 -3.30	12.84 0.08 -2.10	12.16 0.06 -2.09	12.45 0.07 -2.05	16.15 0.11 -1.70	23.85 -0.02 0.00	29.10 0.00 0.00	28.29 -0.03 0.00	26.87 -0.19 0.00	29.28 -0.20 0.00	30.77 -0.15 0.00	32.59 -0.16 0.00	35.34 -0.11 2.56	36.60 -0.12 2.03	41.48 0.16 -1.04	45.30 0.27 -0.47	54.07 0.64 0.00	59.80 1.17 0.00	57.77 1.46 0.00	57.73 1.41 0.00	48.17 0.90 0.01	40.48 0.52 0.01	35.57 0.66 0.00
BROOME___LFGE 323600	16.21 0.12 -3.18	15.15 0.11 -3.30	12.84 0.08 -2.10	12.16 0.06 -2.09	12.45 0.07 -2.05	16.15 0.11 -1.70	23.85 -0.02 0.00	29.10 0.00 0.00	28.29 -0.03 0.00	26.87 -0.19 0.00	29.28 -0.20 0.00	30.77 -0.15 0.00	32.59 -0.16 0.00	35.34 -0.11 2.56	36.60 -0.12 2.03	41.48 0.16 -1.04	45.30 0.27 -0.47	54.07 0.64 0.00	59.80 1.17 0.00	57.77 1.46 0.00	57.73 1.41 0.00	48.17 0.90 0.01	40.48 0.52 0.01	35.57 0.66 0.00
BROWNFLS_115KV_TB_3_5 80003	12.69 -0.30 -0.06	11.66 -0.28 -0.20	10.47 -0.25 -0.05	9.74 -0.27 0.00	10.06 -0.27 0.00	14.09 -0.24 0.00	23.40 -0.48 0.00	28.49 -0.61 0.00	27.67 -0.65 0.00	26.22 -0.84 0.00	28.80 -0.68 0.00	30.27 -0.65 0.00	32.10 -0.66 0.00	35.97 -0.65 1.40	36.82 -0.81 1.11	39.56 -0.73 0.00	44.17 -0.40 0.00	53.22 -0.21 0.00	58.98 0.35 0.00	57.10 0.79 0.00	57.28 0.96 0.00	47.93 0.66 0.01	40.16 0.20 0.01	34.84 -0.07 0.00
BROWNSV1_27_KV_LOAD 356125	23.97 1.36 -9.69	21.12 1.26 -8.11	18.07 1.08 -6.33	17.98 0.99 -6.98	18.17 1.01 -6.83	21.45 1.46 -5.66	26.14 2.27 0.00	31.69 2.59 0.00	30.76 2.44 0.00	29.60 2.54 0.00	32.26 2.77 -0.01	33.85 2.91 -0.02	35.78 3.01 -0.02	39.10 3.38 2.30	41.85 3.56 0.46	43.61 3.30 -0.01	48.27 3.70 0.00	57.71 4.27 0.00	63.67 5.04 0.00	61.10 4.79 0.00	60.20 3.89 0.00	49.63 2.36 0.01	42.52 2.56 0.01	37.45 2.55 0.00
BURROWS___LYONSDAL 23803	13.52 0.17 -0.43	13.25 0.15 -1.35	11.12 0.14 -0.32	10.10 0.09 0.00	10.43 0.10 0.00	14.61 0.27 -0.01	24.09 0.21 0.00	29.22 0.12 0.00	28.38 0.06 0.00	26.84 -0.22 0.00	29.45 -0.03 0.00	30.95 0.03 0.00	32.78 0.03 0.00	35.97 0.15 2.20	37.05 0.04 1.74	40.45 0.16 0.00	45.19 0.62 0.00	54.39 0.96 0.00	60.51 1.88 0.00	58.62 2.31 0.00	58.63 2.31 0.00	48.92 1.65 0.01	41.04 1.08 0.01	35.81 0.91 0.00
CAITHNESS_CC_1 323624	25.71 1.50 -11.29	21.23 1.36 -8.12	18.19 1.18 -6.34	18.10 1.10 -7.00	18.32 1.15 -6.84	22.53 1.76 -6.43	27.32 2.51 -0.94	31.94 2.82 -0.01	30.74 2.41 -0.01	29.48 2.41 -0.01	31.87 2.36 -0.03	33.43 2.47 -0.03	37.37 2.52 -2.09	39.41 2.62 1.22	41.12 2.75 0.38	44.37 2.30 -1.78	48.04 2.32 -1.15	60.81 2.51 -4.86	68.36 3.52 -6.21	65.67 3.49 -5.87	63.20 1.75 -5.13	51.05 0.99 -2.78	42.80 1.40 -1.43	38.02 1.95 -1.16
CALPINE BETH_PAGE_GT4 24209	26.04 1.45 -11.67	21.20 1.33 -8.13	18.17 1.16 -6.34	18.09 1.09 -7.00	18.30 1.13 -6.85	22.56 1.60 -6.62	27.48 2.44 -1.17	31.85 2.74 -0.01	30.88 2.55 -0.01	29.62 2.54 -0.01	32.21 2.65 -0.08	33.75 2.75 -0.08	42.43 2.82 -6.86	42.40 3.08 -1.30	44.70 3.10 -2.86	48.88 2.74 -5.85	51.29 2.94 -3.78	58.50 3.26 -1.81	63.34 3.99 -0.72	61.48 3.94 -1.22	60.86 3.15 -1.39	51.80 1.99 -2.53	45.89 2.20 -3.72	41.23 2.48 -3.85
CALPINE_BETH_PAGE_GT_4 323586	26.04 1.45 -11.67	21.20 1.33 -8.13	18.15 1.14 -6.34	18.09 1.09 -7.00	18.30 1.13 -6.85	22.56 1.60 -6.62	27.48 2.44 -1.17	31.85 2.73 -0.01	30.88 2.55 -0.01	29.61 2.54 -0.01	32.12 2.56 -0.08	33.72 2.72 -0.08	42.46 2.85 -6.86	42.43 3.12 -1.30	44.74 3.14 -2.86	48.84 2.70 -5.85	51.33 2.99 -3.78	58.82 3.58 -1.81	63.75 4.40 -0.72	61.54 4.00 -1.22	60.80 3.10 -1.39	51.80 1.99 -2.54	45.85 2.16 -3.72	41.13 2.37 -3.85
CALPINE_BP_GT1 23823	26.04 1.45 -11.67	21.20 1.33 -8.13	18.15 1.14 -6.34	18.09 1.09 -7.00	18.30 1.13 -6.85	22.56 1.60 -6.62	27.48 2.44 -1.17	31.85 2.73 -0.01	30.88 2.55 -0.01	29.61 2.54 -0.01	32.12 2.56 -0.08	33.72 2.72 -0.08	42.46 2.85 -6.86	42.43 3.12 -1.30	44.74 3.14 -2.86	48.84 2.70 -5.85	51.33 2.99 -3.78	58.82 3.58 -1.81	63.75 4.40 -0.72	61.54 4.00 -1.22	60.80 3.10 -1.39	51.80 1.99 -2.54	45.85 2.16 -3.72	41.13 2.37 -3.85
CALSPAN___DRP 24200	14.05 -0.50 -1.63	13.40 -0.48 -2.14	11.25 -0.51 -1.09	10.50 -0.44 -0.94	10.78 -0.46 -0.92	14.47 -0.63 -0.77	22.35 -1.53 0.00	22.24 -1.63 5.23	22.93 -1.44 3.95	24.89 -1.60 0.57	24.30 -1.74 3.44	27.31 -1.73 1.88	25.41 -1.67 5.67	27.09 -1.82 9.10	28.98 -1.86 7.91	31.25 -1.81 7.22	39.44 -1.87 3.26	51.61 -1.82 0.00	57.63 -1.00 0.00	56.09 -0.23 0.00	56.66 0.34 0.00	47.27 0.00 0.01	39.44 -0.52 0.01	35.12 0.21 0.00

CALVERTON___SOLAR 323806	25.75 1.54 -11.29	21.27 1.40 -8.12	18.22 1.22 -6.34	18.13 1.13 -7.00	18.35 1.18 -6.84	22.61 1.85 -6.44	27.40 2.58 -0.94	32.02 2.91 -0.01	30.74 2.41 -0.01	29.48 2.41 -0.01	31.84 2.33 -0.03	33.39 2.44 -0.03	37.39 2.52 -2.12	39.43 2.62 1.21	41.18 2.79 0.36	44.43 2.34 -1.80	48.14 2.41 -1.17	61.27 2.67 -5.17	69.07 3.81 -6.63	66.40 3.83 -6.26	63.64 1.86 -5.46	51.34 1.13 -2.93	42.87 1.44 -1.46	38.07 1.99 -1.18
CANDIGU_WT_PWR 323617	14.69 -0.44 -2.21	13.89 -0.42 -2.57	11.72 -0.42 -1.47	11.00 -0.38 -1.37	11.31 -0.36 -1.34	14.96 -0.49 -1.12	22.78 -1.10 0.00	-4.82 -1.31 32.61	2.84 -1.19 24.30	22.18 -1.35 3.53	6.86 -1.41 21.20	17.94 -1.39 11.59	-3.65 -1.51 34.89	-6.00 -1.67 42.34	-0.81 -1.70 37.86	-6.00 -1.53 44.76	22.82 -1.56 20.19	52.52 -0.91 0.00	58.46 -0.18 0.00	57.10 0.79 0.00	57.50 1.18 0.00	47.88 0.61 0.01	40.00 0.04 0.01	35.22 0.31 0.00
CARR STREET_E_SYR 24060	13.91 0.09 -0.90	13.42 0.07 -1.61	11.35 0.06 -0.62	10.43 0.04 -0.38	10.75 0.05 -0.37	14.71 0.06 -0.32	23.68 -0.19 0.00	28.87 -0.23 0.00	28.13 -0.20 0.00	26.76 -0.30 0.00	29.19 -0.29 0.00	30.61 -0.31 0.00	32.45 -0.30 0.00	36.05 -0.26 1.70	37.13 -0.27 1.35	40.37 0.08 0.00	44.70 0.13 0.00	53.48 0.05 0.00	58.81 0.18 0.00	56.71 0.40 0.00	56.66 0.34 0.00	47.32 0.05 0.01	39.80 -0.16 0.01	34.87 -0.03 0.00
CARTHAGE___PAPER 23857	13.22 0.01 -0.28	12.64 0.00 -0.89	10.88 0.01 -0.21	9.97 -0.04 0.00	10.31 -0.02 0.00	14.47 0.13 -0.01	23.88 0.00 0.00	28.93 -0.17 0.00	28.04 -0.28 0.00	26.44 -0.62 0.00	29.07 -0.41 0.00	30.58 -0.34 0.00	32.39 -0.36 0.00	36.40 -0.31 1.31	37.28 -0.43 1.04	40.01 -0.28 0.00	44.75 0.18 0.00	54.02 0.59 0.00	60.33 1.70 0.00	58.68 2.36 0.00	58.86 2.54 0.00	49.17 1.89 0.01	41.08 1.12 0.01	35.71 0.80 0.00
CASSADAGA_WT_PWR 323784	13.87 -0.77 -1.72	13.18 -0.78 -2.21	11.04 -0.78 -1.15	10.31 -0.70 -1.01	10.64 -0.67 -0.99	14.24 -0.92 -0.82	22.08 -1.79 0.00	24.06 -1.78 3.27	24.71 -1.39 2.22	25.33 -1.41 0.32	26.16 -1.39 1.94	28.57 -1.30 1.06	28.22 -1.34 3.19	30.29 -1.48 6.25	31.81 -1.59 5.34	34.63 -1.53 4.13	41.06 -1.65 1.86	52.57 -0.86 0.00	58.57 -0.06 0.00	57.10 0.79 0.00	57.56 1.24 0.00	47.69 0.42 0.01	39.68 -0.28 0.01	35.36 0.45 0.00
CE_DUNWOOD___DRP 24194	23.76 1.16 -9.67	20.92 1.07 -8.10	17.92 0.94 -6.32	17.84 0.86 -6.97	18.04 0.89 -6.82	21.26 1.28 -5.65	25.83 1.96 0.00	31.29 2.18 0.00	30.36 2.04 0.00	29.14 2.08 0.00	31.75 2.27 0.00	33.27 2.35 0.00	35.17 2.42 0.00	38.44 2.74 2.31	39.79 2.83 1.79	42.83 2.54 0.00	47.42 2.85 0.00	56.74 3.31 0.00	62.74 4.10 0.00	60.26 3.94 0.00	59.42 3.10 0.00	49.11 1.84 0.01	41.92 1.96 0.01	36.90 1.99 0.00
CE_MILLWOOD___DRP 24193	23.70 1.14 -9.64	20.87 1.05 -8.08	17.88 0.92 -6.30	17.80 0.84 -6.95	18.00 0.87 -6.80	21.21 1.25 -5.63	25.79 1.91 0.00	31.23 2.12 0.00	30.30 1.98 0.00	29.06 2.00 0.00	31.66 2.18 0.00	33.21 2.29 0.00	35.11 2.36 0.00	38.33 2.62 2.31	39.67 2.71 1.79	42.75 2.46 0.00	47.33 2.76 0.00	56.64 3.21 0.00	62.56 3.93 0.00	60.14 3.83 0.00	59.30 2.98 0.00	49.06 1.80 0.01	41.84 1.88 0.01	36.86 1.95 0.00
CE_NYC2_DRP 24202	23.94 1.32 -9.70	21.09 1.22 -8.12	18.07 1.07 -6.33	17.97 0.97 -6.99	18.17 1.00 -6.84	21.43 1.43 -5.67	26.02 2.15 0.00	31.52 2.42 0.00	30.59 2.27 0.00	29.47 2.41 0.00	32.12 2.62 -0.02	33.67 2.72 -0.02	35.62 2.85 -0.02	38.87 3.16 2.30	41.73 3.14 0.16	43.25 2.94 -0.02	47.78 3.21 0.00	57.01 3.58 0.00	62.90 4.28 0.01	60.30 4.00 0.01	59.35 3.04 0.01	48.96 1.70 0.02	42.16 2.20 0.01	37.31 2.41 0.00
CE_NYC_DRP 24195	23.89 1.28 -9.69	21.03 1.17 -8.11	18.01 1.02 -6.33	17.92 0.93 -6.98	18.12 0.96 -6.83	21.37 1.38 -5.66	26.00 2.12 0.00	31.49 2.39 0.00	30.56 2.24 0.00	29.41 2.35 0.00	32.06 2.56 -0.01	33.60 2.66 -0.02	35.52 2.75 -0.02	38.79 3.08 2.30	41.48 3.25 0.52	43.24 2.94 -0.01	47.91 3.34 0.00	57.17 3.74 0.00	63.15 4.51 0.00	60.54 4.22 0.00	59.64 3.32 0.00	49.25 1.99 0.01	42.16 2.20 0.01	37.17 2.27 0.00
CHAFFEE___LFGE 323603	14.12 -0.49 -1.69	13.45 -0.48 -2.18	11.30 -0.50 -1.13	10.54 -0.45 -0.98	10.86 -0.43 -0.96	14.50 -0.63 -0.80	22.40 -1.48 0.00	23.31 -1.57 4.22	23.81 -1.36 3.15	25.06 -1.54 0.46	25.11 -1.62 2.75	27.85 -1.58 1.50	26.66 -1.57 4.52	28.56 -1.67 7.78	30.24 -1.78 6.72	32.98 -1.65 5.65	40.23 -1.78 2.55	51.99 -1.44 0.00	57.93 -0.70 0.00	56.48 0.17 0.00	57.11 0.79 0.00	47.46 0.19 0.01	39.64 -0.32 0.01	35.25 0.35 0.00
CHATEAUG_35_KV_LOAD 355732	11.87 -0.36 0.69	9.19 -0.35 2.20	9.81 -0.34 0.51	9.68 -0.33 0.00	10.00 -0.33 0.00	13.84 -0.47 0.02	23.35 -0.53 0.00	28.70 -0.41 0.00	28.04 -0.28 0.00	26.98 -0.08 0.00	29.54 0.06 0.00	31.02 0.09 0.00	32.95 0.20 0.00	37.48 0.23 0.77	38.29 0.15 0.61	40.41 0.12 0.00	44.66 0.09 0.00	53.75 0.32 0.00	58.63 0.00 0.00	56.09 -0.23 0.00	56.21 -0.11 0.00	47.18 -0.09 0.00	39.73 -0.24 0.00	34.42 -0.49 0.00
CHATEAUG_WT_PWR 323614	11.85 -0.38 0.69	9.18 -0.36 2.20	9.80 -0.35 0.51	9.67 -0.34 0.00	9.98 -0.35 0.00	13.83 -0.49 0.02	23.33 -0.55 0.00	28.67 -0.44 0.00	28.01 -0.31 0.00	26.98 -0.08 0.00	29.51 0.03 0.00	31.02 0.09 0.00	32.95 0.20 0.00	37.44 0.19 0.77	38.29 0.16 0.61	40.37 0.08 0.00	44.61 0.04 0.00	53.59 0.16 0.00	58.40 -0.23 0.00	55.92 -0.39 0.00	56.09 -0.22 0.00	47.04 -0.24 0.00	39.65 -0.32 0.00	34.35 -0.56 0.00
CHAT_HIGH_FALL_HYD 323578	11.87 -0.36 0.69	9.19 -0.35 2.20	9.81 -0.34 0.51	9.68 -0.33 0.00	10.00 -0.33 0.00	13.84 -0.47 0.02	23.35 -0.53 0.00	28.70 -0.41 0.00	28.04 -0.28 0.00	26.98 -0.08 0.00	29.54 0.06 0.00	31.02 0.09 0.00	32.95 0.20 0.00	37.48 0.23 0.77	38.29 0.15 0.61	40.41 0.12 0.00	44.66 0.09 0.00	53.75 0.32 0.00	58.63 0.00 0.00	56.09 -0.23 0.00	56.21 -0.11 0.00	47.18 -0.09 0.00	39.73 -0.24 0.00	34.42 -0.49 0.00
CHAUTAUQUA___LFGE 323629	14.09 -0.52 -1.68	13.42 -0.50 -2.18	11.27 -0.52 -1.13	10.51 -0.47 -0.98	10.83 -0.45 -0.96	14.48 -0.64 -0.80	22.40 -1.48 0.00	23.60 -1.45 4.05	24.14 -1.19 3.00	25.33 -1.30 0.43	25.57 -1.30 2.61	28.29 -1.21 1.43	27.24 -1.21 4.30	29.20 -1.29 7.53	30.86 -1.39 6.50	33.28 -1.41 5.60	40.57 -1.47 2.53	52.36 -1.07 0.00	58.34 -0.29 0.00	56.93 0.62 0.00	57.44 1.13 0.00	47.69 0.42 0.01	39.76 -0.20 0.01	35.39 0.49 0.00
CHERRYST_13_KV_LD 356241	23.91 1.31 -9.69	21.07 1.21 -8.11	18.04 1.05 -6.33	17.95 0.96 -6.98	18.14 0.98 -6.83	21.41 1.42 -5.66	26.07 2.20 0.00	31.58 2.47 0.00	30.67 2.35 0.00	29.52 2.46 0.00	32.18 2.68 -0.01	33.72 2.78 -0.02	35.65 2.88 -0.02	38.98 3.27 2.30	41.64 3.41 0.51	43.44 3.14 -0.01	48.09 3.52 0.00	57.44 4.01 0.00	63.38 4.75 0.00	60.76 4.45 0.00	59.87 3.55 0.00	49.40 2.13 0.01	42.28 2.32 0.01	37.28 2.37 0.00

CHESTROR_138KV_BK263 355645	22.93 0.97 -9.04	20.25 0.88 -7.63	17.35 0.78 -5.90	17.22 0.72 -6.50	17.43 0.74 -6.36	20.64 1.05 -5.27	25.45 1.58 0.00	30.82 1.72 0.00	29.91 1.59 0.00	28.63 1.57 0.00	31.19 1.71 0.00	32.72 1.79 0.00	34.58 1.83 0.00	37.81 2.05 2.26	39.09 2.13 1.79	42.18 1.89 0.00	46.75 2.18 0.00	56.00 2.56 0.00	61.86 3.22 0.00	59.52 3.21 0.00	58.80 2.48 0.00	48.73 1.47 0.01	41.48 1.52 0.01	36.51 1.61 0.00
CH_MIDHUDSON___DRP 24192	23.81 1.14 -9.75	20.95 1.05 -8.16	17.92 0.89 -6.37	17.88 0.84 -7.03	18.07 0.87 -6.88	21.25 1.22 -5.70	25.71 1.84 0.00	31.08 1.98 0.00	30.13 1.81 0.00	28.82 1.76 0.00	31.40 1.92 0.00	32.90 1.98 0.00	34.81 2.06 0.00	38.01 2.32 2.33	39.34 2.44 1.85	42.50 2.22 0.00	47.24 2.67 0.00	56.64 3.21 0.00	62.74 4.10 0.00	60.26 3.94 0.00	59.58 3.27 0.00	49.30 2.03 0.01	41.96 2.00 0.01	36.93 2.02 0.00
CH_MISC_IPPS 23765	23.70 1.16 -9.62	20.87 1.07 -8.06	17.85 0.91 -6.28	17.80 0.86 -6.93	18.01 0.90 -6.78	21.19 1.25 -5.62	25.79 1.91 0.00	31.17 2.07 0.00	30.28 1.95 0.00	28.95 1.89 0.00	31.49 2.01 0.00	33.09 2.16 0.00	35.08 2.33 0.00	38.37 2.66 2.30	39.71 2.79 1.83	42.87 2.58 0.00	47.46 2.90 0.00	57.22 3.79 0.00	63.38 4.75 0.00	60.71 4.40 0.00	59.87 3.55 0.00	49.54 2.27 0.01	42.08 2.12 0.01	37.11 2.20 0.00
CH_RES_BVR_FALLS 23983	10.62 -0.18 2.12	5.37 -0.16 6.21	8.96 -0.15 1.55	9.69 -0.15 0.16	10.01 -0.15 0.16	13.96 -0.20 0.17	23.56 -0.31 0.00	28.76 -0.35 0.00	28.07 -0.26 0.00	26.87 -0.19 0.00	29.30 -0.18 0.00	30.77 -0.15 0.00	32.62 -0.13 0.00	35.85 -0.15 2.01	36.96 -0.19 1.59	40.09 -0.20 0.00	44.30 -0.27 0.00	53.16 -0.27 0.00	58.40 -0.23 0.00	56.09 -0.22 0.00	56.09 -0.22 0.00	47.04 -0.24 0.01	39.68 -0.28 0.01	34.63 -0.28 0.00
CH_RES_NIAGARA 23895	13.88 -0.54 -1.50	13.29 -0.49 -2.04	11.14 -0.53 -1.01	10.39 -0.45 -0.84	10.67 -0.48 -0.82	14.34 -0.67 -0.69	21.73 -2.15 0.00	22.79 -2.07 4.24	23.30 -1.87 3.15	24.14 -2.46 0.46	24.43 -2.30 2.75	27.07 -2.35 1.50	25.97 -2.26 4.52	27.80 -2.39 7.82	29.51 -2.48 6.75	32.18 -2.30 5.81	39.59 -2.36 2.62	49.42 -4.01 0.00	55.05 -3.58 0.00	53.67 -2.65 0.00	54.35 -1.97 0.00	45.47 -1.80 0.01	38.04 -1.92 0.01	34.00 -0.91 0.00
CH_RES_SYRACUSE 23985	13.96 0.12 -0.92	13.42 0.09 -1.58	11.37 0.08 -0.63	10.48 0.06 -0.41	10.80 0.07 -0.40	14.76 0.09 -0.34	23.76 -0.12 0.00	28.96 -0.14 0.00	28.21 -0.11 0.00	26.84 -0.22 0.00	29.28 -0.20 0.00	30.71 -0.21 0.00	32.52 -0.23 0.00	37.31 -0.19 0.52	38.18 -0.15 0.41	41.14 0.85 0.00	45.59 1.03 0.00	54.82 1.39 0.00	59.39 0.76 0.00	57.27 0.96 0.00	57.22 0.90 0.00	47.84 0.57 0.01	40.21 0.24 0.01	35.22 0.31 0.00
CLINTON_WT_PWR 323605	11.85 -0.38 0.69	9.18 -0.36 2.20	9.80 -0.35 0.51	9.67 -0.34 0.00	9.98 -0.35 0.00	13.83 -0.49 0.02	23.33 -0.55 0.00	28.67 -0.44 0.00	28.01 -0.31 0.00	26.98 -0.08 0.00	29.51 0.03 0.00	31.02 0.09 0.00	32.95 0.20 0.00	37.44 0.19 0.77	38.29 0.16 0.61	40.37 0.08 0.00	44.61 0.04 0.00	53.59 0.16 0.00	58.40 -0.23 0.00	55.92 -0.39 0.00	56.09 -0.22 0.00	47.04 -0.24 0.00	39.65 -0.32 0.00	34.35 -0.56 0.00
CLINTON___LFGE 323618	12.01 -0.22 0.69	9.33 -0.21 2.20	9.92 -0.23 0.51	9.78 -0.23 0.00	10.10 -0.23 0.00	13.97 -0.34 0.02	23.61 -0.26 0.00	29.08 -0.03 0.00	28.44 0.11 0.00	27.41 0.35 0.00	30.04 0.56 0.00	31.57 0.65 0.00	33.60 0.85 0.00	38.23 0.99 0.77	39.11 0.97 0.61	41.22 0.93 0.00	45.55 0.98 0.00	54.87 1.44 0.00	59.86 1.23 0.00	57.27 0.96 0.00	57.50 1.18 0.00	48.03 0.75 0.00	40.41 0.44 0.00	34.94 0.03 0.00
COBBLENY_34_KV_TB1 80064	14.12 -0.49 -1.69	13.45 -0.48 -2.18	11.29 -0.51 -1.13	10.54 -0.45 -0.98	10.82 -0.46 -0.96	14.50 -0.63 -0.80	22.40 -1.48 0.00	23.31 -1.57 4.22	23.78 -1.39 3.15	25.06 -1.54 0.46	25.08 -1.65 2.75	27.79 -1.64 1.50	26.66 -1.57 4.52	28.56 -1.67 7.78	30.28 -1.74 6.72	32.84 -1.69 5.76	40.23 -1.74 2.60	51.88 -1.55 0.00	57.93 -0.70 0.00	56.37 0.06 0.00	56.88 0.56 0.00	47.45 0.19 0.01	39.56 -0.40 0.01	35.22 0.31 0.00
COFFEEN___115KV_TB3 355620	13.63 0.23 -0.48	13.04 0.21 -1.08	11.20 0.20 -0.34	10.26 0.12 -0.13	10.60 0.14 -0.13	14.85 0.40 -0.12	24.21 0.33 0.00	29.28 0.17 0.00	28.38 0.06 0.00	26.68 -0.38 0.00	29.27 -0.21 0.00	30.80 -0.12 0.00	32.65 -0.10 0.00	36.93 0.04 1.12	37.82 -0.04 0.89	40.49 0.20 0.00	45.28 0.71 0.00	54.66 1.23 0.00	61.33 2.70 0.00	59.86 3.55 0.00	60.15 3.83 0.00	50.20 2.93 0.01	41.84 1.88 0.01	36.41 1.50 0.00
COLDSPRG_115KV_BK1 355956	14.13 -0.58 -1.79	13.42 -0.59 -2.26	11.26 -0.60 -1.20	10.52 -0.54 -1.06	10.82 -0.54 -1.03	14.49 -0.70 -0.86	22.66 -1.22 0.00	25.91 -1.16 2.03	26.21 -0.91 1.21	25.91 -0.97 0.18	27.49 -0.94 1.05	29.39 -0.96 0.57	30.07 -0.95 1.73	32.39 -1.06 4.57	33.79 -1.12 3.83	36.85 -1.25 2.19	42.11 -1.47 0.99	53.06 -0.37 0.00	59.22 0.59 0.00	57.61 1.30 0.00	58.01 1.69 0.00	48.31 1.04 0.01	40.16 0.20 0.01	35.85 0.94 0.00
COLONIE_LFGE___ 323577	29.99 0.85 -16.21	26.52 0.76 -14.01	29.93 0.69 -18.58	19.22 0.65 -8.56	19.38 0.67 -8.38	35.87 0.95 -20.60	47.45 1.41 -22.16	41.97 1.51 -11.35	29.60 1.28 0.00	28.14 1.08 0.00	30.48 1.00 0.00	31.98 1.05 0.00	33.73 0.98 0.00	36.63 1.14 2.53	37.94 1.20 2.01	41.41 1.13 0.00	45.86 1.29 0.00	55.46 2.03 0.00	61.45 2.81 0.00	64.94 2.87 -5.75	58.68 2.36 0.00	63.70 1.84 -14.58	41.48 1.52 0.01	36.37 1.47 0.00
COOPERNY_115KV_TB1 80082	20.05 0.50 -6.62	18.02 0.47 -5.81	15.43 0.43 -4.33	15.10 0.40 -4.69	15.33 0.41 -4.59	18.68 0.54 -3.81	24.64 0.76 0.00	29.86 0.76 0.00	29.06 0.74 0.00	27.76 0.70 0.00	30.25 0.77 0.00	31.70 0.77 0.00	33.54 0.79 0.00	36.84 0.87 2.05	38.05 0.93 1.62	41.46 1.17 0.00	45.91 1.34 0.00	54.98 1.55 0.00	60.68 2.05 0.00	58.40 2.08 0.00	57.95 1.63 0.00	48.26 0.99 0.01	40.96 1.00 0.01	35.95 1.05 0.00
COPENHAGEN_WT_PWR 323753	13.56 0.14 -0.50	12.98 0.13 -1.10	11.14 0.13 -0.35	10.21 0.06 -0.15	10.55 0.08 -0.14	14.73 0.27 -0.12	24.02 0.14 0.00	29.10 0.00 0.00	28.24 -0.08 0.00	26.57 -0.49 0.00	29.19 -0.29 0.00	30.68 -0.25 0.00	32.52 -0.23 0.00	36.79 -0.15 1.07	37.67 -0.23 0.85	40.29 0.00 0.00	44.92 0.35 0.00	54.23 0.80 0.00	60.68 2.05 0.00	59.02 2.70 0.00	59.25 2.93 0.00	49.50 2.22 0.01	41.36 1.40 0.01	36.02 1.12 0.00
CORNELL_____ 23752	15.60 0.30 -2.38	14.70 0.26 -2.70	12.47 0.22 -1.58	11.70 0.19 -1.50	11.99 0.20 -1.47	15.87 0.32 -1.22	24.16 0.29 0.00	31.75 0.38 -2.27	30.46 0.40 -1.74	27.50 0.19 -0.25	31.17 0.18 -1.52	31.94 0.19 -0.83	35.51 0.26 -2.50	39.06 0.38 -0.67	40.01 0.43 -0.84	44.34 0.85 -3.21	47.22 1.20 -1.45	55.19 1.76 0.00	60.92 2.29 0.00	58.90 2.59 0.00	58.91 2.59 0.00	49.16 1.89 0.01	41.24 1.28 0.01	36.06 1.15 0.00

CORONA__69_KV_TB1 355595	26.87 1.41 -12.54	21.19 1.32 -8.13	18.15 1.14 -6.35	18.09 1.08 -7.00	18.29 1.12 -6.85	22.92 1.55 -7.04	27.92 2.36 -1.68	31.86 2.74 -0.02	30.94 2.61 -0.02	29.65 2.57 -0.02	32.50 2.74 -0.28	34.05 2.84 -0.28	63.07 3.08 -27.24	53.55 3.46 -12.08	58.82 3.49 -16.59	66.65 3.14 -23.22	62.94 3.39 -14.99	64.50 3.90 -7.17	66.26 4.81 -2.82	65.77 4.62 -4.84	65.98 4.11 -5.55	60.15 2.74 -10.13	57.62 2.80 -14.85	53.11 2.90 -15.31
CORTLAND__115KV_TB3 80093	15.65 0.21 -2.52	14.74 0.19 -2.80	12.48 0.15 -1.67	11.74 0.13 -1.60	12.03 0.13 -1.57	15.85 0.21 -1.30	24.02 0.14 0.00	30.46 0.17 -1.18	29.39 0.17 -0.90	27.19 0.00 -0.13	30.26 0.00 -0.78	31.35 0.00 -0.43	34.07 0.03 -1.29	37.18 0.11 0.95	38.31 0.15 0.59	42.34 0.40 -1.65	45.94 0.62 -0.75	54.45 1.02 0.00	60.16 1.52 0.00	58.12 1.80 0.00	58.06 1.75 0.00	48.50 1.23 0.01	40.76 0.80 0.01	35.71 0.80 0.00
COXSACKIE__GT 23611	24.19 0.57 -10.70	21.03 0.50 -8.78	17.27 0.45 -6.16	18.50 0.42 -8.07	18.69 0.47 -7.90	20.52 1.05 -5.14	23.23 1.62 2.27	29.48 1.54 1.16	29.17 0.85 0.00	27.65 0.59 0.00	30.04 0.56 0.00	31.57 0.65 0.00	33.34 0.59 0.00	36.38 0.80 2.44	37.75 0.93 1.93	41.30 1.01 0.00	45.73 1.16 0.00	55.46 2.03 0.00	61.80 3.16 0.00	59.10 3.38 0.59	59.36 3.04 0.00	47.58 3.07 2.77	41.64 1.68 0.01	36.65 1.74 0.00
CPV_VALLEY__CC1 323721	19.75 0.40 -6.43	17.77 0.36 -5.67	15.24 0.36 -4.21	14.90 0.34 -4.55	15.14 0.36 -4.45	18.44 0.42 -3.69	24.45 0.57 0.00	29.57 0.46 0.00	28.80 0.48 0.00	27.52 0.46 0.00	29.95 0.47 0.00	31.39 0.46 0.00	33.21 0.46 0.00	36.47 0.49 2.03	37.68 0.54 1.61	41.98 1.69 0.00	46.53 1.96 0.00	55.94 2.51 0.00	61.85 3.22 0.00	59.18 2.87 0.00	58.34 2.02 0.00	48.40 1.13 0.01	41.20 1.24 0.01	36.27 1.36 0.00
CPV_VALLEY__CC2 323722	19.75 0.40 -6.43	17.77 0.36 -5.67	15.24 0.36 -4.21	14.90 0.34 -4.55	15.14 0.36 -4.45	18.44 0.42 -3.69	24.45 0.57 0.00	29.57 0.46 0.00	28.80 0.48 0.00	27.52 0.46 0.00	29.95 0.47 0.00	31.39 0.46 0.00	33.21 0.46 0.00	36.47 0.49 2.03	37.68 0.54 1.61	41.98 1.69 0.00	46.53 1.96 0.00	55.94 2.51 0.00	61.85 3.22 0.00	59.18 2.87 0.00	58.34 2.02 0.00	48.40 1.13 0.01	41.20 1.24 0.01	36.27 1.36 0.00
CRESCENT__HYD 24018	29.99 0.85 -16.21	26.52 0.76 -14.01	29.93 0.69 -18.58	19.22 0.65 -8.56	19.38 0.67 -8.38	35.87 0.95 -20.60	47.45 1.41 -22.16	41.97 1.51 -11.35	29.60 1.28 0.00	28.14 1.08 0.00	30.48 1.00 0.00	31.98 1.05 0.00	33.73 0.98 0.00	36.63 1.14 2.53	37.94 1.20 2.01	41.41 1.13 0.00	45.86 1.29 0.00	55.46 2.03 0.00	61.45 2.81 0.00	64.94 2.87 -5.75	58.68 2.36 0.00	63.70 1.84 -14.58	41.48 1.52 0.01	36.37 1.47 0.00
CRICKET__VALLEY_CC1 323756	24.39 1.12 -10.35	21.44 1.03 -8.66	18.76 0.90 -7.20	18.14 0.84 -7.29	18.33 0.87 -7.14	22.22 1.22 -6.67	26.92 1.81 -1.23	31.68 1.95 -0.63	30.05 1.73 0.00	28.68 1.62 0.00	31.07 1.59 0.00	32.56 1.64 0.00	34.48 1.73 0.00	37.60 1.94 2.35	38.90 2.01 1.87	41.98 1.69 0.00	46.48 1.92 0.00	56.15 2.72 0.00	62.21 3.58 0.00	60.01 3.38 -0.32	58.86 2.54 0.00	48.92 1.65 0.01	41.56 1.60 0.01	36.55 1.64 0.00
CRICKET__VALLEY_CC2 323757	24.39 1.12 -10.35	21.44 1.03 -8.66	18.76 0.90 -7.20	18.14 0.84 -7.29	18.33 0.87 -7.14	22.22 1.22 -6.67	26.92 1.81 -1.23	31.68 1.95 -0.63	30.05 1.73 0.00	28.68 1.62 0.00	31.07 1.59 0.00	32.56 1.64 0.00	34.48 1.73 0.00	37.60 1.94 2.35	38.90 2.01 1.87	41.98 1.69 0.00	46.48 1.92 0.00	56.15 2.72 0.00	62.21 3.58 0.00	60.01 3.38 -0.32	58.86 2.54 0.00	48.92 1.65 0.01	41.56 1.60 0.01	36.55 1.64 0.00
CRICKET__VALLEY_CC3 323758	24.39 1.12 -10.35	21.44 1.03 -8.66	18.76 0.90 -7.20	18.14 0.84 -7.29	18.33 0.87 -7.14	22.22 1.22 -6.67	26.92 1.81 -1.23	31.68 1.95 -0.63	30.05 1.73 0.00	28.68 1.62 0.00	31.07 1.59 0.00	32.56 1.64 0.00	34.48 1.73 0.00	37.60 1.94 2.35	38.90 2.01 1.87	41.98 1.69 0.00	46.48 1.92 0.00	56.15 2.72 0.00	62.21 3.58 0.00	60.01 3.38 -0.32	58.86 2.54 0.00	48.92 1.65 0.01	41.56 1.60 0.01	36.55 1.64 0.00
CRUCIBLE__METL_DRP 24180	13.96 0.12 -0.92	13.42 0.09 -1.58	11.37 0.07 -0.63	10.48 0.06 -0.41	10.79 0.06 -0.40	14.76 0.09 -0.34	23.76 -0.12 0.00	28.96 -0.15 0.00	28.21 -0.11 0.00	26.84 -0.22 0.00	29.21 -0.27 0.00	30.65 -0.28 0.00	32.52 -0.23 0.00	37.31 -0.19 0.52	38.18 -0.15 0.41	41.09 0.81 0.00	45.64 1.07 0.00	54.71 1.28 0.00	59.33 0.70 0.00	57.21 0.90 0.00	57.22 0.90 0.00	47.84 0.57 0.01	40.20 0.24 0.01	35.22 0.31 0.00
DAHOWA__HYDRO 323763	28.39 0.98 -14.49	24.92 0.87 -12.30	25.45 0.79 -14.00	19.43 0.73 -8.69	19.59 0.76 -8.50	30.24 1.10 -14.81	38.18 1.70 -12.61	37.34 1.78 -6.46	29.88 1.56 0.00	28.36 1.30 0.00	30.75 1.27 0.00	32.28 1.36 0.00	33.70 0.95 0.00	36.60 1.14 2.55	38.00 1.28 2.02	41.62 1.33 0.00	46.17 1.60 0.00	55.94 2.51 0.00	62.09 3.46 0.00	63.13 3.55 -3.27	59.53 3.21 0.00	57.90 2.65 -7.98	42.08 2.12 0.01	36.82 1.92 0.00
DANC__LFGE 323619	13.60 0.08 -0.60	13.06 0.07 -1.24	11.15 0.06 -0.42	10.23 0.02 -0.21	10.57 0.04 -0.20	14.65 0.14 -0.17	23.80 -0.07 0.00	28.87 -0.23 0.00	28.07 -0.26 0.00	26.52 -0.54 0.00	29.04 -0.44 0.00	30.55 -0.37 0.00	32.36 -0.39 0.00	36.88 -0.34 0.79	37.73 -0.39 0.63	40.05 -0.24 0.00	44.52 -0.04 0.00	53.59 0.16 0.00	59.69 1.06 0.00	57.89 1.57 0.00	58.07 1.75 0.00	48.55 1.28 0.00	40.72 0.76 0.00	35.53 0.63 0.00
DANSKAMMER__1 23586	23.70 1.16 -9.62	20.87 1.07 -8.06	17.85 0.91 -6.28	17.80 0.86 -6.93	18.01 0.90 -6.78	21.19 1.25 -5.62	25.79 1.91 0.00	31.17 2.07 0.00	30.28 1.95 0.00	28.95 1.89 0.00	31.49 2.01 0.00	33.09 2.16 0.00	35.08 2.33 0.00	38.37 2.66 2.30	39.71 2.79 1.83	42.87 2.58 0.00	47.46 2.90 0.00	57.22 3.79 0.00	63.38 4.75 0.00	60.71 4.40 0.00	59.87 3.55 0.00	49.54 2.27 0.01	42.08 2.12 0.01	37.11 2.20 0.00
DANSKAMMER__2 23589	23.70 1.16 -9.62	20.87 1.07 -8.06	17.85 0.91 -6.28	17.80 0.86 -6.93	18.01 0.90 -6.78	21.19 1.25 -5.62	25.79 1.91 0.00	31.17 2.07 0.00	30.28 1.95 0.00	28.95 1.89 0.00	31.49 2.01 0.00	33.09 2.16 0.00	35.08 2.33 0.00	38.37 2.66 2.30	39.71 2.79 1.83	42.87 2.58 0.00	47.46 2.90 0.00	57.22 3.79 0.00	63.38 4.75 0.00	60.71 4.40 0.00	59.87 3.55 0.00	49.54 2.27 0.01	42.08 2.12 0.01	37.11 2.20 0.00
DANSKAMMER__3 23590	23.70 1.16 -9.62	20.87 1.07 -8.06	17.85 0.91 -6.28	17.80 0.86 -6.93	18.01 0.90 -6.78	21.19 1.25 -5.62	25.79 1.91 0.00	31.17 2.07 0.00	30.28 1.95 0.00	28.95 1.89 0.00	31.49 2.01 0.00	33.09 2.16 0.00	35.08 2.33 0.00	38.37 2.66 2.30	39.71 2.79 1.83	42.87 2.58 0.00	47.46 2.90 0.00	57.22 3.79 0.00	63.38 4.75 0.00	60.71 4.40 0.00	59.87 3.55 0.00	49.54 2.27 0.01	42.08 2.12 0.01	37.11 2.20 0.00

DANSKAMMER___4 23591	23.70 1.16 -9.62	20.87 1.07 -8.06	17.85 0.91 -6.28	17.80 0.86 -6.93	18.01 0.90 -6.78	21.19 1.25 -5.62	25.79 1.91 0.00	31.17 2.07 0.00	30.28 1.95 0.00	28.95 1.89 0.00	31.49 2.01 0.00	33.09 2.16 0.00	35.08 2.33 0.00	38.37 2.66 2.30	39.71 2.79 1.83	42.87 2.58 0.00	47.46 2.90 0.00	57.22 3.79 0.00	63.38 4.75 0.00	60.71 4.40 0.00	59.87 3.55 0.00	49.54 2.27 0.01	42.08 2.12 0.01	37.11 2.20 0.00
DANSKAMMER___DIESEL 23592	23.70 1.16 -9.62	20.87 1.07 -8.06	17.85 0.91 -6.28	17.80 0.86 -6.93	18.00 0.89 -6.78	21.19 1.25 -5.62	25.79 1.91 0.00	31.17 2.07 0.00	30.28 1.95 0.00	28.95 1.89 0.00	31.54 2.06 0.00	33.12 2.20 0.00	35.04 2.29 0.00	38.37 2.66 2.30	39.71 2.79 1.83	42.87 2.58 0.00	47.47 2.90 0.00	56.96 3.53 0.00	63.09 4.46 0.00	60.59 4.28 0.00	59.92 3.60 0.00	49.54 2.27 0.01	42.12 2.16 0.01	37.10 2.20 0.00
DARBY___SOLAR 323810	28.61 0.94 -14.74	25.13 0.83 -12.56	26.10 0.76 -14.68	19.38 0.70 -8.67	19.53 0.72 -8.48	31.06 1.06 -15.67	39.49 1.60 -14.02	37.94 1.66 -7.18	29.65 1.33 0.00	28.11 1.05 0.00	30.45 0.97 0.00	31.98 1.05 0.00	33.57 0.82 0.00	36.46 0.99 2.55	37.81 1.08 2.02	41.50 1.21 0.00	46.04 1.47 0.00	55.78 2.35 0.00	61.91 3.28 0.00	63.33 3.38 -3.64	59.30 2.98 0.00	58.57 2.46 -8.83	41.92 1.96 0.01	36.72 1.81 0.00
DASHVILLE___HYD 23610	23.78 1.12 -9.73	20.93 1.03 -8.15	18.10 1.08 -6.35	17.82 0.80 -7.02	18.04 0.85 -6.87	21.51 1.49 -5.69	26.19 2.32 0.00	31.61 2.50 0.00	30.33 2.01 0.00	29.01 1.95 0.00	31.60 2.12 0.00	33.21 2.29 0.00	35.17 2.42 0.00	38.51 2.81 2.32	39.89 2.98 1.84	43.07 2.78 0.00	47.82 3.25 0.00	57.49 4.06 0.00	63.67 5.04 0.00	61.94 5.63 0.00	60.49 4.17 0.00	49.95 3.31 0.64	42.44 2.48 0.01	37.49 2.58 0.00
DELAWARE___LFGE 323621	17.53 0.48 -4.13	16.20 0.43 -4.02	13.78 0.39 -2.72	13.16 0.35 -2.81	13.43 0.36 -2.75	17.15 0.54 -2.28	24.59 0.72 0.00	29.83 0.73 0.00	28.97 0.65 0.00	27.57 0.51 0.00	30.07 0.59 0.00	31.54 0.62 0.00	33.37 0.62 0.00	36.24 0.76 2.54	37.59 0.85 2.01	41.30 1.01 0.00	45.77 1.20 0.00	54.87 1.44 0.00	60.74 2.11 0.00	58.62 2.31 0.00	58.35 2.03 0.00	48.69 1.42 0.01	41.16 1.20 0.01	36.13 1.22 0.00
DERFIELD_115KV_TB7 355931	13.46 0.22 -0.32	13.68 0.20 -1.73	11.10 0.17 -0.26	9.94 0.16 0.22	10.27 0.17 0.22	14.41 0.24 0.17	24.09 0.21 0.00	29.22 0.12 0.00	28.41 0.08 0.00	27.09 0.03 0.00	29.51 0.03 0.00	30.95 0.03 0.00	32.75 0.00 0.00	35.01 0.00 3.01	36.40 0.04 2.38	40.33 0.04 0.00	44.61 0.04 0.00	53.43 0.00 0.00	59.16 0.53 0.00	57.05 0.73 0.00	56.83 0.51 0.00	47.50 0.24 0.02	40.12 0.16 0.02	35.19 0.28 0.00
DOGLEVILLE___HYD 23807	13.11 -0.13 -0.32	13.36 -0.12 -1.73	10.82 -0.11 -0.26	9.67 -0.11 0.22	9.99 -0.11 0.22	14.08 -0.09 0.17	23.59 -0.29 0.00	28.64 -0.47 0.00	27.93 -0.40 0.00	26.68 -0.38 0.00	29.13 -0.35 0.00	30.58 -0.34 0.00	32.32 -0.43 0.00	34.55 -0.46 3.01	35.90 -0.46 2.38	39.72 -0.56 0.00	44.03 -0.53 0.00	52.84 -0.59 0.00	58.69 0.06 0.00	56.65 0.34 0.00	56.37 0.06 0.00	47.12 -0.14 0.02	39.76 -0.20 0.02	34.84 -0.07 0.00
DUNKIRK__115KV_TB_200 55889	14.11 -0.49 -1.68	13.44 -0.48 -2.17	11.28 -0.51 -1.13	10.53 -0.45 -0.97	10.82 -0.45 -0.95	14.52 -0.60 -0.80	22.44 -1.43 0.00	23.58 -1.40 4.13	24.09 -1.16 3.07	25.34 -1.27 0.45	25.51 -1.30 2.68	28.19 -1.27 1.46	27.13 -1.21 4.41	29.07 -1.29 7.65	30.78 -1.36 6.61	33.18 -1.49 5.62	40.56 -1.47 2.54	52.20 -1.23 0.00	58.28 -0.35 0.00	56.71 0.39 0.00	57.22 0.90 0.00	47.69 0.43 0.01	39.72 -0.24 0.01	35.32 0.42 0.00
DUNKIRK___1 23563	14.11 -0.49 -1.68	13.44 -0.48 -2.17	11.28 -0.51 -1.13	10.53 -0.45 -0.97	10.82 -0.45 -0.95	14.52 -0.60 -0.80	22.44 -1.43 0.00	23.58 -1.40 4.13	24.09 -1.16 3.07	25.34 -1.27 0.45	25.51 -1.30 2.68	28.19 -1.27 1.46	27.13 -1.21 4.41	29.07 -1.29 7.65	30.78 -1.36 6.61	33.18 -1.49 5.62	40.56 -1.47 2.54	52.20 -1.23 0.00	58.28 -0.35 0.00	56.71 0.39 0.00	57.22 0.90 0.00	47.69 0.43 0.01	39.72 -0.24 0.01	35.32 0.42 0.00
DUNKIRK___2 23564	14.11 -0.49 -1.68	13.44 -0.48 -2.17	11.28 -0.51 -1.13	10.53 -0.45 -0.97	10.82 -0.45 -0.95	14.52 -0.60 -0.80	22.44 -1.43 0.00	23.58 -1.40 4.13	24.09 -1.16 3.07	25.34 -1.27 0.45	25.51 -1.30 2.68	28.19 -1.27 1.46	27.13 -1.21 4.41	29.07 -1.29 7.65	30.78 -1.36 6.61	33.18 -1.49 5.62	40.56 -1.47 2.54	52.20 -1.23 0.00	58.28 -0.35 0.00	56.71 0.39 0.00	57.22 0.90 0.00	47.69 0.43 0.01	39.72 -0.24 0.01	35.32 0.42 0.00
DUNKIRK___3 23565	14.10 -0.49 -1.67	13.44 -0.47 -2.17	11.28 -0.50 -1.12	10.53 -0.44 -0.96	10.82 -0.45 -0.94	14.52 -0.60 -0.79	22.44 -1.43 0.00	23.38 -1.43 4.30	24.02 -1.19 3.12	25.28 -1.33 0.45	25.38 -1.39 2.72	28.08 -1.36 1.48	26.97 -1.31 4.47	28.88 -1.41 7.73	30.60 -1.47 6.67	33.01 -1.57 5.71	40.39 -1.60 2.58	51.99 -1.44 0.00	58.05 -0.59 0.00	56.48 0.17 0.00	56.94 0.62 0.00	47.50 0.24 0.01	39.60 -0.36 0.01	35.22 0.31 0.00
DUNKIRK___4 23566	14.10 -0.49 -1.67	13.44 -0.47 -2.17	11.28 -0.50 -1.12	10.53 -0.44 -0.96	10.82 -0.45 -0.94	14.52 -0.60 -0.79	22.44 -1.43 0.00	23.38 -1.43 4.30	24.02 -1.19 3.12	25.28 -1.33 0.45	25.38 -1.39 2.72	28.08 -1.36 1.48	26.97 -1.31 4.47	28.88 -1.41 7.73	30.60 -1.47 6.67	33.01 -1.57 5.71	40.39 -1.60 2.58	51.99 -1.44 0.00	58.05 -0.59 0.00	56.48 0.17 0.00	56.94 0.62 0.00	47.50 0.24 0.01	39.60 -0.36 0.01	35.22 0.31 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.80 1.19 -9.69	20.95 1.09 -8.11	17.94 0.95 -6.33	17.86 0.87 -6.98	18.06 0.90 -6.83	21.29 1.30 -5.66	25.88 2.01 0.00	31.37 2.27 0.00	30.45 2.12 0.00	29.22 2.16 0.00	31.84 2.36 0.00	33.40 2.47 0.00	35.30 2.55 0.00	38.55 2.85 2.32	39.90 2.98 1.84	42.99 2.70 0.00	47.60 3.03 0.00	56.90 3.47 0.00	62.91 4.28 0.00	60.37 4.05 0.00	59.53 3.21 0.00	49.21 1.94 0.01	42.00 2.04 0.01	36.97 2.06 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	23.39 1.10 -9.37	20.63 1.01 -7.87	17.65 0.86 -6.12	17.56 0.81 -6.75	17.76 0.84 -6.60	20.97 1.18 -5.47	25.67 1.79 0.00	31.05 1.95 0.00	30.16 1.84 0.00	28.87 1.81 0.00	31.46 1.98 0.00	33.00 2.07 0.00	34.91 2.16 0.00	38.20 2.47 2.29	39.49 2.56 1.81	42.58 2.30 0.00	47.15 2.58 0.00	56.53 3.10 0.00	62.56 3.93 0.00	60.14 3.83 0.00	59.42 3.10 0.00	49.16 1.89 0.01	41.84 1.88 0.01	36.86 1.95 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	23.96 1.34 -9.70	21.12 1.26 -8.12	18.08 1.08 -6.33	17.99 0.99 -6.99	18.19 1.02 -6.84	21.46 1.46 -5.67	25.93 2.05 0.00	31.37 2.27 0.00	30.45 2.12 0.00	29.36 2.30 0.00	31.97 2.48 -0.02	33.53 2.60 -0.01	35.44 2.69 -0.01	38.72 3.00 2.30	39.96 2.98 1.77	43.04 2.74 -0.02	47.55 2.99 0.00	56.68 3.26 0.01	62.61 3.99 0.01	60.08 3.77 0.01	59.18 2.87 0.01	48.68 1.42 0.02	42.20 2.24 0.01	37.43 2.51 -0.01

E179THST_13_KV_LOAD 356214	24.01 1.40 -9.70	21.17 1.30 -8.12	18.12 1.12 -6.33	18.03 1.03 -6.99	18.23 1.06 -6.84	21.52 1.52 -5.67	26.02 2.15 0.00	31.52 2.42 0.00	30.59 2.27 0.00	29.49 2.44 0.00	32.12 2.62 -0.02	33.68 2.75 -0.01	35.64 2.88 -0.01	38.91 3.19 2.30	40.19 3.22 1.77	43.29 2.98 -0.02	47.82 3.25 0.00	57.06 3.63 0.01	63.02 4.40 0.01	60.42 4.11 0.01	59.52 3.21 0.01	48.96 1.70 0.02	42.40 2.44 0.01	37.64 2.72 -0.01
EAST HAMPTON___GT 23717	26.01 1.80 -11.29	21.50 1.63 -8.12	18.45 1.45 -6.34	18.31 1.31 -7.00	18.55 1.37 -6.84	22.93 2.16 -6.44	27.94 3.13 -0.94	32.69 3.58 -0.01	31.39 3.06 -0.01	30.18 3.11 -0.01	32.57 3.07 -0.03	34.04 3.09 -0.03	37.99 3.11 -2.13	39.97 3.15 1.20	41.69 3.29 0.35	44.96 2.86 -1.81	48.73 2.99 -1.17	62.33 3.58 -5.32	69.80 4.34 -6.83	67.03 4.28 -6.44	64.03 2.09 -5.62	51.70 1.42 -3.00	43.05 1.60 -1.48	38.39 2.30 -1.18
EAST RIVER___6 23660	23.89 1.28 -9.69	21.03 1.17 -8.11	17.98 0.99 -6.33	17.92 0.93 -6.98	18.12 0.96 -6.83	21.37 1.38 -5.66	26.00 2.12 0.00	31.49 2.39 0.00	30.53 2.21 0.00	29.39 2.33 0.00	31.97 2.48 -0.01	33.57 2.63 -0.02	35.55 2.78 -0.02	38.83 3.12 2.30	41.55 3.29 0.49	43.24 2.94 -0.01	47.91 3.34 0.00	57.55 4.11 0.00	63.56 4.93 0.00	60.59 4.28 0.00	59.53 3.21 0.00	49.21 1.94 0.01	42.16 2.20 0.01	37.21 2.30 0.00
EAST RIVER___7 23524	23.89 1.28 -9.69	21.03 1.17 -8.11	17.98 0.99 -6.33	17.92 0.93 -6.98	18.12 0.96 -6.83	21.37 1.38 -5.66	26.00 2.12 0.00	31.49 2.39 0.00	30.53 2.21 0.00	29.39 2.33 0.00	31.97 2.48 -0.01	33.57 2.63 -0.02	35.55 2.78 -0.02	38.83 3.12 2.30	41.55 3.29 0.49	43.24 2.94 -0.01	47.91 3.34 0.00	57.55 4.11 0.00	63.56 4.93 0.00	60.59 4.28 0.00	59.53 3.21 0.00	49.21 1.94 0.01	42.16 2.20 0.01	37.21 2.30 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.76 1.16 -9.67	20.92 1.07 -8.10	17.92 0.94 -6.32	17.84 0.86 -6.97	18.04 0.89 -6.82	21.26 1.28 -5.65	25.83 1.96 0.00	31.29 2.18 0.00	30.36 2.04 0.00	29.14 2.08 0.00	31.75 2.27 0.00	33.27 2.35 0.00	35.17 2.42 0.00	38.44 2.74 2.31	39.79 2.83 1.79	42.83 2.54 0.00	47.42 2.85 0.00	56.74 3.31 0.00	62.74 4.10 0.00	60.26 3.94 0.00	59.42 3.10 0.00	49.11 1.84 0.01	41.92 1.96 0.01	36.90 1.99 0.00
EAST_HAMPTON___DIESEL 23722	26.01 1.80 -11.29	21.49 1.62 -8.12	18.44 1.44 -6.34	18.31 1.31 -7.00	18.55 1.37 -6.84	22.93 2.16 -6.44	27.94 3.13 -0.94	32.69 3.58 -0.01	31.39 3.06 -0.01	30.18 3.11 -0.01	32.55 3.04 -0.03	34.01 3.06 -0.03	37.96 3.08 -2.13	39.89 3.08 1.20	41.65 3.26 0.35	44.88 2.78 -1.81	48.64 2.90 -1.17	62.22 3.47 -5.32	69.69 4.22 -6.83	66.86 4.11 -6.44	63.86 1.92 -5.62	51.56 1.28 -3.00	42.97 1.52 -1.48	38.36 2.27 -1.18
EAST_POINT___SOLAR 323840	27.41 1.03 -13.45	23.71 0.90 -11.06	20.90 0.80 -9.44	20.26 0.74 -9.51	20.41 0.77 -9.31	24.35 1.18 -8.84	27.17 1.46 -1.84	30.86 0.81 -0.94	28.63 0.31 0.00	27.17 0.11 0.00	29.42 -0.06 0.00	30.61 -0.31 0.00	32.39 -0.36 0.00	35.10 -0.34 2.57	36.52 -0.19 2.04	40.29 0.00 0.00	44.97 0.40 0.00	54.82 1.39 0.00	61.91 3.28 0.00	61.92 5.12 -0.48	61.95 5.63 0.00	53.25 4.58 -1.39	43.52 3.56 0.01	37.94 3.04 0.00
EAST_PULASKI___ESR 323781	13.64 0.03 -0.69	13.11 0.01 -1.36	11.16 0.01 -0.48	10.25 -0.01 -0.26	10.58 0.00 -0.25	14.58 0.03 -0.22	23.61 -0.26 0.00	28.70 -0.41 0.00	27.93 -0.40 0.00	26.49 -0.57 0.00	28.95 -0.53 0.00	30.40 -0.53 0.00	32.22 -0.53 0.00	37.48 -0.53 0.00	38.17 -0.58 0.00	39.85 -0.44 0.00	44.04 -0.53 0.00	52.90 -0.53 0.00	58.75 0.12 0.00	56.76 0.45 0.00	56.88 0.56 0.00	47.61 0.33 0.00	40.09 0.12 0.00	35.05 0.14 0.00
EAST_RIVER___1 323558	23.89 1.28 -9.69	21.03 1.17 -8.11	17.97 0.98 -6.33	17.92 0.93 -6.98	18.12 0.96 -6.83	21.37 1.38 -5.66	26.00 2.12 0.00	31.49 2.39 0.00	30.56 2.24 0.00	29.39 2.33 0.00	31.97 2.48 -0.01	33.57 2.63 -0.02	35.55 2.78 -0.02	38.83 3.12 2.30	41.52 3.29 0.52	43.24 2.94 -0.01	47.91 3.34 0.00	57.55 4.11 0.00	63.56 4.93 0.00	60.65 4.34 0.00	59.58 3.27 0.00	49.26 1.99 0.01	42.16 2.20 0.01	37.17 2.27 0.00
EAST_RIVER___2 323559	23.89 1.28 -9.69	21.03 1.17 -8.11	17.98 0.99 -6.33	17.92 0.93 -6.98	18.12 0.96 -6.83	21.37 1.38 -5.66	26.00 2.12 0.00	31.49 2.39 0.00	30.53 2.21 0.00	29.39 2.33 0.00	31.97 2.48 -0.01	33.57 2.63 -0.02	35.55 2.78 -0.02	38.83 3.12 2.30	41.55 3.29 0.49	43.24 2.94 -0.01	47.91 3.34 0.00	57.55 4.11 0.00	63.56 4.93 0.00	60.59 4.28 0.00	59.53 3.21 0.00	49.21 1.94 0.01	42.16 2.20 0.01	37.21 2.30 0.00
EAST___DELAWARE_HYD 23607	22.44 1.02 -8.50	19.88 0.92 -7.22	17.01 0.79 -5.56	16.84 0.74 -6.10	17.07 0.77 -5.97	20.33 1.06 -4.94	25.50 1.62 0.00	30.79 1.69 0.00	29.94 1.61 0.00	28.60 1.54 0.00	31.10 1.62 0.00	32.69 1.76 0.00	34.81 2.06 0.00	38.23 2.44 2.22	39.58 2.60 1.76	42.91 2.62 0.00	47.69 3.12 0.00	57.55 4.11 0.00	63.79 5.16 0.00	61.16 4.84 0.00	60.49 4.17 0.00	50.01 2.74 0.01	42.36 2.40 0.01	37.35 2.44 0.00
EIGHT_POINT___WT_PWR 323820	14.43 -0.57 -2.08	13.67 -0.55 -2.47	11.52 -0.53 -1.38	10.79 -0.49 -1.27	11.11 -0.46 -1.25	14.78 -0.59 -1.04	22.66 -1.22 0.00	45.51 -1.40 -17.80	40.43 -1.27 -13.38	27.59 -1.41 -1.94	39.77 -1.39 -11.68	35.95 -1.36 -6.38	50.46 -1.51 -19.22	55.85 -1.71 -19.55	54.82 -1.78 -17.86	63.38 -1.57 -24.66	54.17 -1.52 -11.12	52.79 -0.64 0.00	58.93 0.29 0.00	57.61 1.30 0.00	58.12 1.80 0.00	48.31 1.04 0.01	40.24 0.28 0.01	35.39 0.49 0.00
ELBRIDGE_115KV_TB2 80188	13.90 0.01 -0.96	13.37 0.01 -1.61	11.31 -0.01 -0.66	10.44 -0.01 -0.45	10.75 -0.01 -0.44	14.69 -0.01 -0.37	23.59 -0.29 0.00	28.73 -0.38 0.00	27.98 -0.34 0.00	26.63 -0.43 0.00	28.98 -0.50 0.00	30.40 -0.53 0.00	32.26 -0.49 0.00	37.23 -0.53 0.25	38.01 -0.54 0.20	41.25 0.97 0.00	45.82 1.25 0.00	55.03 1.60 0.00	58.92 0.29 0.00	56.88 0.56 0.00	56.88 0.56 0.00	47.55 0.28 0.01	39.96 0.00 0.01	35.05 0.14 0.00
ELEC_TRO_TEK 24086	26.75 1.33 -12.50	21.11 1.23 -8.13	18.08 1.07 -6.35	18.03 1.02 -7.00	18.22 1.04 -6.85	22.83 1.48 -7.02	27.75 2.22 -1.66	31.65 2.53 -0.02	30.75 2.41 -0.02	29.46 2.38 -0.02	32.20 2.56 -0.16	33.74 2.66 -0.16	50.09 2.85 -14.49	46.50 3.16 -5.33	49.97 3.18 -8.04	55.46 2.82 -12.35	55.53 2.99 -7.97	60.67 3.42 -3.82	64.36 4.22 -1.51	62.95 4.05 -2.58	62.75 3.49 -2.94	54.92 2.27 -5.37	50.25 2.40 -7.88	45.58 2.55 -8.13
ELLENBURG_WT_PWR 323604	11.85 -0.38 0.69	9.18 -0.36 2.20	9.80 -0.35 0.51	9.67 -0.34 0.00	9.98 -0.35 0.00	13.83 -0.49 0.02	23.33 -0.55 0.00	28.67 -0.44 0.00	28.01 -0.31 0.00	26.98 -0.08 0.00	29.51 0.03 0.00	31.02 0.09 0.00	32.95 0.20 0.00	37.44 0.19 0.77	38.29 0.16 0.61	40.37 0.08 0.00	44.61 0.04 0.00	53.59 0.16 0.00	58.40 -0.23 0.00	55.92 -0.39 0.00	56.09 -0.22 0.00	47.04 -0.24 0.00	39.65 -0.32 0.00	34.35 -0.56 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	14.01 -0.49 -1.58	13.39 -0.46 -2.10	11.23 -0.49 -1.06	10.48 -0.42 -0.90	10.76 -0.44 -0.88	14.45 -0.62 -0.74	22.30 -1.58 0.00	22.75 -1.72 4.64	23.31 -1.53 3.48	24.82 -1.73 0.51	24.59 -1.86 3.04	27.41 -1.86 1.66	25.95 -1.80 5.00	27.77 -1.90 8.35	29.54 -1.98 7.23	32.03 -1.85 6.40	39.76 -1.92 2.89	51.29 -2.14 0.00	57.22 -1.41 0.00	55.69 -0.62 0.00	56.26 -0.06 0.00	46.98 -0.28 0.01	39.20 -0.76 0.01	34.94 0.03 0.00
EMPIRE_CC_1 323656	24.46 0.49 -11.05	21.24 0.43 -9.06	17.61 0.41 -6.55	18.66 0.38 -8.28	18.82 0.39 -8.10	20.44 0.54 -5.57	22.75 0.72 1.84	28.83 0.67 0.94	28.89 0.57 0.00	27.57 0.51 0.00	29.95 0.47 0.00	31.45 0.53 0.00	33.01 0.26 0.00	35.84 0.27 2.44	37.08 0.27 1.94	40.45 0.16 0.00	44.70 0.13 0.00	53.65 0.21 0.00	59.28 0.65 0.00	56.46 0.62 0.48	56.49 0.17 0.00	45.09 0.00 2.19	40.04 0.08 0.01	35.18 0.28 0.00
EMPIRE_CC_2 323658	24.46 0.49 -11.05	21.24 0.43 -9.06	17.61 0.41 -6.55	18.66 0.38 -8.28	18.82 0.39 -8.10	20.44 0.54 -5.57	22.75 0.72 1.84	28.83 0.67 0.94	28.89 0.57 0.00	27.57 0.51 0.00	29.95 0.47 0.00	31.45 0.53 0.00	33.01 0.26 0.00	35.84 0.27 2.44	37.08 0.27 1.94	40.45 0.16 0.00	44.70 0.13 0.00	53.65 0.21 0.00	59.28 0.65 0.00	56.46 0.62 0.48	56.49 0.17 0.00	45.09 0.00 2.19	40.04 0.08 0.01	35.18 0.28 0.00
ENORWICH_115KV_TB1 80156	16.68 0.66 -3.10	15.56 0.58 -3.24	13.23 0.52 -2.05	12.47 0.43 -2.03	12.77 0.45 -1.99	16.84 0.86 -1.65	25.00 1.12 0.00	31.50 1.25 -1.15	30.32 1.16 -0.84	27.83 0.65 -0.12	31.07 0.85 -0.73	32.25 0.93 -0.40	35.00 1.05 -1.20	38.48 1.48 1.01	39.80 1.70 0.66	44.09 2.26 -1.55	48.21 2.94 -0.70	57.49 4.06 0.00	64.20 5.57 0.00	62.28 5.97 0.00	62.34 6.03 0.00	51.85 4.59 0.01	43.24 3.28 0.01	37.77 2.86 0.00
ERIE_ST__34_KV_TB1-2 80199	13.96 -0.62 -1.65	13.30 -0.60 -2.16	11.15 -0.62 -1.11	10.41 -0.55 -0.95	10.69 -0.57 -0.93	14.34 -0.77 -0.78	22.44 -1.43 0.00	22.97 -1.48 4.65	23.56 -1.27 3.49	25.12 -1.43 0.51	24.88 -1.56 3.04	27.72 -1.55 1.66	26.20 -1.54 5.01	27.96 -1.71 8.34	29.78 -1.74 7.23	32.08 -1.85 6.36	39.83 -1.87 2.87	52.26 -1.18 0.00	58.34 -0.29 0.00	56.71 0.39 0.00	57.16 0.84 0.00	47.69 0.43 0.01	39.72 -0.24 0.01	35.29 0.38 0.00
ERIE_WT_PWR 323693	14.05 -0.50 -1.63	13.40 -0.48 -2.14	11.27 -0.49 -1.09	10.50 -0.44 -0.94	10.81 -0.43 -0.92	14.47 -0.63 -0.77	22.35 -1.53 0.00	22.24 -1.63 5.23	22.96 -1.42 3.95	24.89 -1.60 0.57	24.33 -1.71 3.44	27.37 -1.67 1.88	25.38 -1.70 5.67	27.09 -1.82 9.10	28.94 -1.90 7.91	31.43 -1.77 7.09	39.46 -1.92 3.20	51.72 -1.71 0.00	57.63 -1.00 0.00	56.26 -0.06 0.00	56.88 0.56 0.00	47.32 0.05 0.01	39.52 -0.44 0.01	35.18 0.28 0.00
ESPRGFLD_115KV_TB1 80157	14.12 0.76 -0.44	13.72 0.67 -1.30	12.06 0.60 -0.80	10.39 0.53 0.15	10.73 0.55 0.15	15.91 0.87 -0.70	26.42 1.22 -1.32	30.92 1.14 -0.68	29.29 0.96 0.00	27.76 0.70 0.00	30.28 0.80 0.00	31.70 0.77 0.00	33.60 0.85 0.00	36.56 1.10 2.56	37.96 1.24 2.03	41.82 1.53 0.00	46.53 1.96 0.00	56.05 2.62 0.00	62.50 3.87 0.00	61.11 4.45 -0.34	60.71 4.39 0.00	51.72 3.45 -0.99	42.68 2.72 0.01	37.28 2.37 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	15.59 0.28 -2.38	14.69 0.25 -2.70	12.46 0.21 -1.58	11.69 0.18 -1.50	11.98 0.19 -1.47	15.85 0.30 -1.22	24.14 0.26 0.00	31.37 0.35 -1.92	30.13 0.34 -1.47	27.41 0.14 -0.21	30.91 0.15 -1.28	31.75 0.12 -0.70	35.05 0.20 -2.11	38.59 0.34 -0.23	39.58 0.39 -0.44	43.80 0.81 -2.71	46.90 1.11 -1.22	55.09 1.66 0.00	60.74 2.11 0.00	58.79 2.48 0.00	58.74 2.42 0.00	49.06 1.80 0.01	41.12 1.16 0.01	36.02 1.12 0.00
ETNA____115KV_TB2 80207	15.59 0.28 -2.38	14.69 0.25 -2.70	12.46 0.21 -1.58	11.69 0.18 -1.50	11.98 0.19 -1.47	15.85 0.30 -1.22	24.14 0.26 0.00	31.37 0.35 -1.92	30.13 0.34 -1.47	27.41 0.14 -0.21	30.91 0.15 -1.28	31.75 0.12 -0.70	35.05 0.20 -2.11	38.59 0.34 -0.23	39.58 0.39 -0.44	43.80 0.81 -2.71	46.90 1.11 -1.22	55.09 1.66 0.00	60.74 2.11 0.00	58.79 2.48 0.00	58.74 2.42 0.00	49.06 1.80 0.01	41.12 1.16 0.01	36.02 1.12 0.00
EUCLID___115KV_TB2 356179	13.82 0.05 -0.84	13.34 0.05 -1.55	11.28 0.03 -0.58	10.37 0.02 -0.35	10.69 0.02 -0.34	14.65 0.03 -0.29	23.64 -0.24 0.00	28.78 -0.32 0.00	28.04 -0.28 0.00	26.71 -0.35 0.00	29.07 -0.41 0.00	30.49 -0.43 0.00	32.36 -0.39 0.00	36.11 -0.38 1.52	37.15 -0.39 1.21	40.21 -0.08 0.00	44.57 0.00 0.00	53.32 -0.11 0.00	58.69 0.06 0.00	56.65 0.34 0.00	56.60 0.28 0.00	47.32 0.05 0.01	39.76 -0.20 0.01	34.87 -0.03 0.00
E_CANADA_CAP_HY 24051	27.82 0.98 -13.92	24.01 0.86 -11.40	21.12 0.76 -9.70	20.58 0.69 -9.88	20.73 0.73 -9.67	24.49 1.10 -9.06	27.16 1.58 -1.71	31.26 1.28 -0.88	29.31 0.99 0.00	27.76 0.70 0.00	30.16 0.68 0.00	31.54 0.62 0.00	33.40 0.65 0.00	36.32 0.88 2.57	37.76 1.05 2.04	41.58 1.29 0.00	46.30 1.74 0.00	56.21 2.78 0.00	62.91 4.28 0.00	61.88 5.12 -0.44	61.44 5.12 0.00	52.78 4.21 -1.29	43.24 3.28 0.01	37.73 2.83 0.00
E_CANADA_MHWK_HY 24050	13.11 -0.13 -0.32	13.36 -0.12 -1.73	10.82 -0.11 -0.26	9.67 -0.11 0.22	9.99 -0.11 0.22	14.08 -0.09 0.17	23.59 -0.29 0.00	28.64 -0.47 0.00	27.93 -0.40 0.00	26.68 -0.38 0.00	29.13 -0.35 0.00	30.58 -0.34 0.00	32.32 -0.43 0.00	34.55 -0.45 3.01	35.90 -0.46 2.38	39.72 -0.56 0.00	44.04 -0.53 0.00	52.95 -0.48 0.00	58.81 0.18 0.00	56.65 0.34 0.00	56.37 0.06 0.00	47.12 -0.14 0.01	39.72 -0.24 0.01	34.84 -0.07 0.00
E_FISHKILL___LBMP 23776	23.83 1.07 -9.84	20.96 0.99 -8.23	17.95 0.86 -6.42	17.90 0.80 -7.10	18.10 0.83 -6.94	21.26 1.18 -5.75	25.64 1.77 0.00	31.05 1.95 0.00	30.11 1.78 0.00	28.84 1.79 0.00	31.40 1.92 0.00	32.90 1.98 0.00	34.78 2.03 0.00	37.97 2.28 2.33	39.27 2.36 1.85	42.38 2.09 0.00	46.93 2.36 0.00	56.21 2.78 0.00	62.15 3.52 0.00	59.80 3.49 0.00	59.02 2.70 0.00	48.92 1.65 0.01	41.68 1.72 0.01	36.69 1.78 0.00
FALCON___SEABRD_CC1 323796	11.96 -0.27 0.69	9.27 -0.27 2.20	9.88 -0.27 0.51	9.75 -0.26 0.00	10.06 -0.27 0.00	13.94 -0.37 0.02	23.52 -0.36 0.00	28.93 -0.17 0.00	28.29 -0.03 0.00	27.25 0.19 0.00	29.84 0.36 0.00	31.36 0.43 0.00	33.31 0.56 0.00	37.89 0.65 0.77	38.76 0.62 0.61	40.85 0.56 0.00	45.10 0.54 0.00	54.23 0.80 0.00	59.10 0.47 0.00	56.60 0.28 0.00	56.77 0.45 0.00	47.56 0.29 0.00	40.05 0.08 0.00	34.70 -0.21 0.00
FALCON___SEABRD_CC2 323797	11.96 -0.27 0.69	9.27 -0.27 2.20	9.88 -0.27 0.51	9.75 -0.26 0.00	10.06 -0.27 0.00	13.94 -0.37 0.02	23.52 -0.36 0.00	28.93 -0.17 0.00	28.29 -0.03 0.00	27.25 0.19 0.00	29.84 0.36 0.00	31.36 0.43 0.00	33.31 0.56 0.00	37.89 0.65 0.77	38.76 0.62 0.61	40.85 0.56 0.00	45.10 0.54 0.00	54.23 0.80 0.00	59.10 0.47 0.00	56.60 0.28 0.00	56.77 0.45 0.00	47.56 0.29 0.00	40.05 0.08 0.00	34.70 -0.21 0.00

FAR ROCKAWAY___4 23548	26.70 1.51 -12.26	21.27 1.40 -8.13	18.24 1.23 -6.34	18.17 1.16 -7.00	18.37 1.19 -6.85	22.90 1.66 -6.91	27.95 2.55 -1.52	32.06 2.94 -0.02	31.14 2.80 -0.01	29.86 2.79 -0.02	32.77 3.01 -0.28	34.30 3.09 -0.28	64.21 3.41 -28.06	54.37 3.84 -12.51	59.73 3.87 -17.10	67.78 3.59 -23.91	63.88 3.88 -15.43	65.36 4.54 -7.39	67.05 5.51 -2.91	66.59 5.29 -4.98	66.82 4.79 -5.71	61.03 3.31 -10.44	58.51 3.24 -15.30	53.92 3.25 -15.77
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	23.89 1.28 -9.69	21.04 1.19 -8.11	18.01 1.02 -6.33	17.93 0.94 -6.98	18.12 0.96 -6.83	21.37 1.38 -5.66	26.00 2.12 0.00	31.49 2.39 0.00	30.59 2.27 0.00	29.41 2.35 0.00	32.06 2.56 -0.01	33.63 2.69 -0.02	35.55 2.78 -0.02	38.83 3.12 2.30	41.54 3.25 0.46	43.28 2.98 -0.01	47.91 3.34 0.00	57.22 3.79 0.00	63.15 4.51 0.00	60.59 4.28 0.00	59.70 3.38 0.00	49.25 1.99 0.01	42.20 2.24 0.01	37.21 2.30 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	23.89 1.28 -9.69	21.04 1.19 -8.11	18.01 1.02 -6.33	17.93 0.94 -6.98	18.12 0.96 -6.83	21.38 1.39 -5.66	26.00 2.12 0.00	31.49 2.39 0.00	30.59 2.27 0.00	29.41 2.35 0.00	32.06 2.56 -0.01	33.63 2.69 -0.02	35.55 2.78 -0.02	38.83 3.12 2.30	41.54 3.25 0.46	43.28 2.98 -0.01	47.91 3.34 0.00	57.22 3.79 0.00	63.15 4.51 0.00	60.59 4.28 0.00	59.70 3.38 0.00	49.25 1.99 0.01	42.20 2.24 0.01	37.21 2.30 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	23.88 1.27 -9.69	21.03 1.17 -8.11	18.01 1.02 -6.33	17.92 0.93 -6.98	18.12 0.96 -6.83	21.37 1.38 -5.66	26.00 2.12 0.00	31.49 2.39 0.00	30.56 2.24 0.00	29.41 2.35 0.00	32.06 2.56 -0.01	33.60 2.66 -0.02	35.52 2.75 -0.02	38.79 3.08 2.30	41.54 3.25 0.46	43.24 2.94 -0.01	47.87 3.30 0.00	57.17 3.74 0.00	63.09 4.46 0.00	60.54 4.22 0.00	59.64 3.32 0.00	49.21 1.94 0.01	42.16 2.20 0.01	37.17 2.27 0.00
FARRAGUT___LBMP 323566	23.88 1.27 -9.69	21.03 1.17 -8.11	18.00 1.01 -6.33	17.92 0.93 -6.98	18.11 0.95 -6.83	21.35 1.36 -5.66	25.98 2.10 0.00	31.46 2.36 0.00	30.53 2.21 0.00	29.39 2.33 0.00	32.03 2.54 -0.01	33.57 2.63 -0.02	35.49 2.72 -0.02	38.75 3.04 2.30	41.50 3.22 0.46	43.20 2.90 -0.01	47.82 3.25 0.00	57.12 3.69 0.00	63.03 4.40 0.00	60.48 4.17 0.00	59.58 3.27 0.00	49.16 1.89 0.01	42.12 2.16 0.01	37.14 2.23 0.00
FENNER___WINDPWR 24204	13.88 0.48 -0.48	13.70 0.42 -1.53	11.42 0.39 -0.36	10.34 0.33 0.00	10.68 0.35 0.00	14.93 0.59 -0.01	24.59 0.72 0.00	29.86 0.76 0.00	29.03 0.71 0.00	27.49 0.43 0.00	30.04 0.56 0.00	31.54 0.62 0.00	33.40 0.65 0.00	36.65 0.91 2.27	37.92 0.97 1.80	41.54 1.25 0.00	46.17 1.60 0.00	54.92 2.17 0.00	60.80 2.42 0.00	58.73 2.31 0.00	58.63 2.31 0.00	48.97 1.70 0.01	41.12 1.16 0.01	35.99 1.08 0.00
FIBERTEK___ENERGY 23856	13.96 0.12 -0.92	13.42 0.09 -1.58	11.37 0.07 -0.63	10.48 0.06 -0.41	10.79 0.06 -0.40	14.76 0.09 -0.34	23.76 -0.12 0.00	28.96 -0.15 0.00	28.21 -0.11 0.00	26.84 -0.22 0.00	29.21 -0.27 0.00	30.65 -0.28 0.00	32.52 -0.23 0.00	37.31 -0.19 0.52	38.18 -0.15 0.41	41.09 0.81 0.00	45.64 1.07 0.00	54.71 1.28 0.00	59.33 0.70 0.00	57.21 0.90 0.00	57.22 0.90 0.00	47.84 0.57 0.01	40.20 0.24 0.01	35.22 0.31 0.00
FITZPATRICK___ 23598	13.30 -0.19 -0.58	12.86 -0.18 -1.29	10.90 -0.17 -0.41	10.01 -0.16 -0.16	10.32 -0.17 -0.16	14.24 -0.23 -0.14	23.23 -0.64 0.00	28.23 -0.87 0.00	27.50 -0.82 0.00	26.22 -0.84 0.00	28.54 -0.94 0.00	29.90 -1.02 0.00	31.67 -1.08 0.00	28.24 -1.22 8.56	30.72 -1.24 6.78	39.08 -1.21 0.00	43.23 -1.34 0.00	51.88 -1.55 0.00	57.40 -1.23 0.00	55.24 -1.07 0.00	55.25 -1.07 0.00	46.20 -1.04 0.04	38.93 -1.00 0.04	34.17 -0.73 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	23.75 1.18 -9.66	20.92 1.08 -8.09	17.89 0.92 -6.31	17.83 0.86 -6.96	18.04 0.90 -6.81	21.23 1.26 -5.64	25.81 1.93 0.00	31.20 2.10 0.00	30.30 1.98 0.00	28.98 1.92 0.00	31.57 2.09 0.00	33.15 2.23 0.00	35.08 2.33 0.00	38.37 2.66 2.31	39.75 2.83 1.83	42.91 2.62 0.00	47.55 2.99 0.00	57.06 3.63 0.00	63.15 4.51 0.00	60.71 4.39 0.00	60.04 3.72 0.00	49.63 2.36 0.01	42.16 2.20 0.01	37.17 2.27 0.00
FORT ORANGE___ 23900	24.23 0.43 -10.88	20.97 0.38 -8.85	16.75 0.38 -5.70	18.80 0.35 -8.45	18.96 0.37 -8.27	19.31 0.53 -4.45	20.74 0.74 3.88	27.76 0.64 1.99	28.83 0.51 0.00	27.49 0.43 0.00	29.89 0.41 0.00	31.36 0.43 0.00	33.08 0.33 0.00	35.95 0.42 2.48	37.17 0.39 1.97	40.61 0.32 0.00	44.88 0.31 0.00	53.96 0.53 0.00	59.74 1.11 0.00	56.43 1.13 1.01	57.00 0.68 0.00	43.22 0.42 4.48	40.28 0.32 0.01	35.33 0.42 0.00
FORT_DRUM_COGEN 23780	13.51 0.13 -0.45	12.91 0.12 -1.05	11.10 0.12 -0.32	10.18 0.05 -0.12	10.52 0.07 -0.12	14.72 0.29 -0.10	24.04 0.17 0.00	29.13 0.03 0.00	28.24 -0.08 0.00	26.57 -0.49 0.00	29.16 -0.32 0.00	30.68 -0.25 0.00	32.52 -0.23 0.00	36.72 -0.11 1.18	37.62 -0.19 0.94	40.25 -0.04 0.00	45.01 0.45 0.00	54.29 0.85 0.00	60.74 2.11 0.00	59.19 2.87 0.00	59.42 3.10 0.00	49.64 2.36 0.01	41.44 1.48 0.01	36.06 1.15 0.00
FOX_HILLS___ESR 323835	24.08 1.46 -9.70	21.19 1.33 -8.12	18.14 1.14 -6.33	18.05 1.05 -6.99	18.24 1.07 -6.84	21.55 1.55 -5.67	26.22 2.34 0.00	31.72 2.62 0.00	30.76 2.44 0.00	29.68 2.62 0.00	32.36 2.86 -0.02	33.94 3.00 -0.02	35.92 3.14 -0.02	39.10 3.38 2.30	41.61 3.02 0.16	43.41 3.10 -0.02	48.04 3.48 0.00	57.33 3.90 0.00	63.26 4.63 0.00	60.59 4.28 0.00	59.64 3.32 0.00	49.16 1.89 0.01	42.44 2.48 0.01	37.63 2.72 0.00
FPL_FAR_ROCK_GT1 24212	26.70 1.51 -12.26	21.28 1.40 -8.14	18.21 1.19 -6.35	18.17 1.16 -7.00	18.38 1.20 -6.86	22.90 1.66 -6.91	27.95 2.56 -1.52	32.09 2.97 -0.02	31.14 2.80 -0.01	29.84 2.76 -0.02	32.68 2.92 -0.28	34.27 3.06 -0.28	64.21 3.41 -28.06	54.36 3.84 -12.51	59.73 3.87 -17.10	67.70 3.50 -23.91	63.93 3.92 -15.43	65.68 4.86 -7.39	67.40 5.86 -2.91	66.64 5.35 -4.98	66.76 4.73 -5.71	61.03 3.31 -10.44	58.51 3.24 -15.30	53.82 3.14 -15.77
FPL_FAR_ROCK_GT2 23815	26.70 1.51 -12.26	21.28 1.40 -8.14	18.21 1.19 -6.35	18.17 1.16 -7.00	18.38 1.20 -6.86	22.90 1.66 -6.91	27.95 2.56 -1.52	32.09 2.97 -0.02	31.14 2.80 -0.01	29.84 2.76 -0.02	32.68 2.92 -0.28	34.27 3.06 -0.28	64.21 3.41 -28.06	54.36 3.84 -12.51	59.73 3.87 -17.10	67.70 3.50 -23.91	63.93 3.92 -15.43	65.68 4.86 -7.39	67.40 5.86 -2.91	66.64 5.35 -4.98	66.76 4.73 -5.71	61.03 3.31 -10.44	58.51 3.24 -15.30	53.82 3.14 -15.77
FRANKLIN_FALL_HYD 24054	11.96 -0.27 0.69	9.27 -0.27 2.20	9.87 -0.28 0.51	9.74 -0.27 0.00	10.06 -0.27 0.00	13.93 -0.39 0.02	23.52 -0.36 0.00	28.96 -0.15 0.00	28.32 0.00 0.00	27.30 0.24 0.00	29.92 0.44 0.00	31.45 0.53 0.00	33.44 0.69 0.00	38.05 0.80 0.77	38.91 0.77 0.61	41.01 0.73 0.00	45.28 0.71 0.00	54.61 1.18 0.00	59.57 0.94 0.00	56.88 0.56 0.00	57.05 0.73 0.00	47.75 0.47 0.00	40.17 0.20 0.00	34.80 -0.10 0.00



FREEPORT_EQUS_GT1 23764	26.18	21.20	18.14	18.09	18.30	22.62	27.55	31.88	30.91	29.65	32.29	33.86	47.54	45.30	48.31	53.29	54.40	60.47	64.71	62.79	62.30	54.18	48.94	44.17
	1.43	1.33	1.13	1.09	1.13	1.59	2.41	2.77	2.58	2.57	2.68	2.81	3.08	3.42	3.45	3.02	3.39	3.95	4.86	4.40	3.61	2.55	2.60	2.69
	-11.83	-8.13	-6.34	-7.00	-6.85	-6.70	-1.26	-0.01	-0.01	-0.01	-0.12	-0.12	-11.71	-3.86	-6.12	-9.98	-6.45	-3.09	-1.22	-2.08	-2.38	-4.34	-6.37	-6.57
FREEPORT___CT2 23818	26.18	21.20	18.14	18.09	18.30	22.62	27.55	31.88	30.91	29.65	32.29	33.86	47.54	45.30	48.31	53.29	54.40	60.47	64.71	62.79	62.30	54.18	48.94	44.17
	1.43	1.33	1.13	1.09	1.13	1.59	2.41	2.77	2.58	2.57	2.68	2.81	3.08	3.42	3.45	3.02	3.39	3.95	4.86	4.40	3.61	2.55	2.60	2.69
	-11.83	-8.13	-6.34	-7.00	-6.85	-6.70	-1.26	-0.01	-0.01	-0.01	-0.12	-0.12	-11.71	-3.86	-6.12	-9.98	-6.45	-3.09	-1.22	-2.08	-2.38	-4.34	-6.37	-6.57
FRESHKLS_33_KV_LOAD 356253	24.14	21.24	18.19	18.09	18.29	21.62	26.31	31.84	30.84	29.77	32.47	34.07	36.01	39.14	41.24	43.45	48.09	57.38	63.38	60.65	59.75	49.21	42.52	37.77
	1.52	1.37	1.19	1.09	1.13	1.62	2.44	2.74	2.52	2.71	2.98	3.12	3.24	3.42	2.94	3.14	3.52	3.95	4.75	4.34	3.44	1.94	2.56	2.86
	-9.70	-8.12	-6.33	-6.99	-6.84	-5.67	0.00	0.00	0.00	0.00	-0.02	-0.02	-0.02	2.30	0.45	-0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00
FULTON COGEN____ 23766	13.60	13.11	11.11	10.22	10.53	14.48	23.42	28.52	27.76	26.44	28.74	30.18	32.00	37.41	38.11	39.56	43.81	52.47	58.10	56.03	55.98	46.85	39.45	34.56
	-0.08	-0.07	-0.07	-0.08	-0.08	-0.10	-0.45	-0.58	-0.57	-0.62	-0.74	-0.74	-0.75	-0.84	-0.81	-0.73	-0.76	-0.96	-0.53	-0.28	-0.34	-0.43	-0.52	-0.35
	-0.75	-1.43	-0.52	-0.29	-0.29	-0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	-0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FULTON___LFGE 323630	27.23	23.56	20.79	20.12	20.27	24.21	27.33	31.46	29.46	27.92	30.30	31.76	33.53	36.47	37.91	41.74	46.53	56.42	63.09	61.87	61.39	52.71	43.12	37.63
	0.97	0.85	0.75	0.69	0.72	1.09	1.58	1.40	1.13	0.87	0.82	0.84	0.78	1.03	1.20	1.45	1.96	2.99	4.45	5.07	5.07	4.02	3.16	2.72
	-13.33	-10.97	-9.37	-9.42	-9.22	-8.79	-1.87	-0.96	0.00	0.00	0.00	0.00	0.00	2.57	2.04	0.00	0.00	0.00	0.00	-0.49	0.00	-1.41	0.01	0.00
G.F.CEMENT___DRP 24184	27.99	24.52	24.35	19.50	19.65	28.86	35.89	36.25	30.22	28.68	31.16	32.69	33.80	36.75	38.15	41.82	46.26	56.00	62.15	62.68	59.70	56.58	42.20	36.93
	1.02	0.90	0.83	0.77	0.78	1.18	1.81	1.92	1.90	1.62	1.68	1.76	1.05	1.29	1.43	1.53	1.69	2.56	3.52	3.72	3.38	2.79	2.24	2.02
	-14.05	-11.87	-12.85	-8.72	-8.53	-13.35	-10.20	-5.22	0.00	0.00	0.00	0.00	0.00	2.56	2.03	0.00	0.00	0.00	0.00	-2.65	0.00	-6.51	0.01	0.00
GARDENVILLE___LBMP 24039	14.05	13.39	11.24	10.50	10.78	14.44	22.25	16.91	18.96	24.19	20.81	25.32	19.71	20.63	23.10	23.95	36.08	51.35	57.40	55.86	56.49	47.12	39.32	34.91
	-0.56	-0.53	-0.55	-0.48	-0.51	-0.69	-1.62	-1.75	-1.56	-1.73	-1.86	-1.89	-1.83	-1.98	-2.05	-1.97	-2.01	-2.08	-1.23	-0.45	0.17	-0.14	-0.64	0.00
	-1.68	-2.18	-1.13	-0.98	-0.96	-0.80	0.00	10.45	7.81	1.13	6.81	3.72	11.21	15.41	13.59	14.36	6.48	0.00	0.00	0.00	0.00	0.01	0.01	0.00
GARDNVLA_35_KV_LD 355827	14.08	13.43	11.27	10.53	10.80	14.50	22.40	22.54	23.17	24.95	24.52	27.45	25.75	27.52	29.34	31.74	39.71	51.77	57.81	56.26	56.83	47.41	39.56	35.19
	-0.48	-0.46	-0.49	-0.42	-0.44	-0.60	-1.48	-1.60	-1.42	-1.57	-1.71	-1.70	-1.64	-1.75	-1.82	-1.73	-1.78	-1.66	-0.82	-0.06	0.51	0.14	-0.40	0.28
	-1.63	-2.14	-1.10	-0.94	-0.92	-0.77	0.00	4.96	3.74	0.54	3.25	1.78	5.36	8.74	7.59	6.82	3.08	0.00	0.00	0.00	0.00	0.01	0.01	0.00
GELCKHM___115KV_LOAD 80723	13.87	13.36	11.31	10.41	10.72	14.70	23.68	28.84	28.10	26.76	29.13	30.55	32.42	36.60	37.55	40.53	44.97	53.91	58.98	56.88	56.83	47.51	39.92	35.01
	0.08	0.06	0.04	0.03	0.03	0.06	-0.19	-0.26	-0.23	-0.30	-0.35	-0.37	-0.33	-0.30	-0.31	0.24	0.40	0.48	0.35	0.56	0.51	0.24	-0.04	0.10
	-0.87	-1.56	-0.60	-0.37	-0.36	-0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.12	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00
GENERAL___MILLS 23808	14.05	13.40	11.25	10.50	10.78	14.47	22.35	22.24	22.93	24.89	24.30	27.31	25.41	27.09	28.98	31.25	39.44	51.61	57.63	56.09	56.66	47.27	39.44	35.12
	-0.50	-0.48	-0.51	-0.44	-0.46	-0.63	-1.53	-1.63	-1.44	-1.60	-1.74	-1.73	-1.67	-1.82	-1.86	-1.81	-1.87	-1.82	-1.00	-0.23	0.34	0.00	-0.52	0.21
	-1.63	-2.14	-1.09	-0.94	-0.92	-0.77	0.00	5.23	3.95	0.57	3.44	1.88	5.67	9.10	7.91	7.22	3.26	0.00	0.00	0.00	0.00	0.01	0.01	0.00
GE_PLASTICS___DRP 24183	24.46	21.20	17.33	18.79	18.94	20.03	21.88	28.33	28.80	27.49	29.95	31.39	33.14	36.00	37.25	40.65	44.61	53.43	59.04	56.25	56.43	44.09	39.96	35.08
	0.41	0.36	0.36	0.33	0.34	0.49	0.64	0.58	0.48	0.43	0.47	0.46	0.39	0.46	0.46	0.36	0.04	0.00	0.41	0.62	0.11	-0.09	0.00	0.17
	-11.13	-9.09	-6.31	-8.45	-8.27	-5.22	2.64	1.35	0.00	0.00	0.00	0.00	0.00	2.48	1.96	0.00	0.00	0.00	0.00	0.69	0.00	3.10	0.01	0.00
GILBOA___1 23756	22.69	20.02	17.12	17.05	17.24	20.29	24.66	29.89	29.03	27.71	30.13	31.64	33.44	36.35	37.61	41.09	45.46	54.34	60.10	57.72	57.27	47.93	40.72	35.74
	0.52	0.47	0.42	0.39	0.40	0.57	0.79	0.79	0.71	0.65	0.65	0.71	0.69	0.80	0.81	0.81	0.89	0.91	1.47	1.41	0.96	0.66	0.76	0.84
	-9.25	-7.81	-6.04	-6.65	-6.51	-5.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.46	1.95	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00
GILBOA___2 23757	22.69	20.02	17.12	17.05	17.24	20.29	24.66	29.89	29.03	27.71	30.13	31.64	33.44	36.35	37.61	41.09	45.46	54.34	60.10	57.72	57.27	47.93	40.72	35.74
	0.52	0.47	0.42	0.39	0.40	0.57	0.79	0.79	0.71	0.65	0.65	0.71	0.69	0.80	0.81	0.81	0.89	0.91	1.47	1.41	0.96	0.66	0.76	0.84
	-9.25	-7.81	-6.04	-6.65	-6.51	-5.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.46	1.95	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00
GILBOA___3 23758	22.69	20.02	17.12	17.05	17.24	20.29	24.66	29.89	29.03	27.71	30.13	31.64	33.44	36.35	37.61	41.09	45.46	54.34	60.10	57.72	57.27	47.93	40.72	35.74
	0.52	0.47	0.42	0.39	0.40	0.57	0.79	0.79	0.71	0.65	0.65	0.71	0.69	0.80	0.81	0.81	0.89	0.91	1.47	1.41	0.96	0.66	0.76	0.84
	-9.25	-7.81	-6.04	-6.65	-6.51	-5.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.46	1.95	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00
GILBOA___4 23759	22.69	20.02	17.12	17.05	17.24	20.29	24.66	29.89	29.03	27.71	30.13	31.64	33.44	36.35	37.61	41.09	45.46	54.34	60.10	57.72	57.27	47.93	40.72	35.74
	0.52	0.47	0.42	0.39	0.40	0.57	0.79	0.79	0.71	0.65	0.65	0.71	0.69	0.80	0.81	0.81	0.89	0.91	1.47	1.41	0.96	0.66	0.76	0.84
	-9.25	-7.81	-6.04	-6.65	-6.51	-5.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.46	1.95	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00

GILBOA____ 23599	22.69 0.52 -9.25	20.02 0.47 -7.81	17.12 0.42 -6.04	17.05 0.39 -6.65	17.24 0.40 -6.51	20.29 0.57 -5.39	24.66 0.79 0.00	29.89 0.79 0.00	29.03 0.71 0.00	27.71 0.65 0.00	30.19 0.71 0.00	31.63 0.71 0.00	33.44 0.69 0.00	36.35 0.80 2.46	37.61 0.81 1.95	41.09 0.81 0.00	45.46 0.89 0.00	54.18 0.75 0.00	59.92 1.29 0.00	57.72 1.41 0.00	57.33 1.01 0.00	47.88 0.61 0.01	40.72 0.76 0.01	35.74 0.84 0.00
GINNA____ 23603	13.43 -0.61 -1.11	12.93 -0.56 -1.75	10.88 -0.54 -0.76	10.06 -0.49 -0.55	10.34 -0.53 -0.54	14.05 -0.73 -0.45	22.25 -1.62 0.00	26.19 -1.98 0.93	25.86 -1.78 0.68	25.07 -1.89 0.10	26.79 -2.09 0.59	28.43 -2.17 0.32	29.68 -2.10 0.98	32.13 -2.17 3.72	33.35 -2.32 3.07	37.28 -1.81 1.20	42.11 -1.92 0.54	51.08 -2.35 0.00	56.70 -1.93 0.00	54.68 -1.63 0.00	55.13 -1.19 0.00	45.90 -1.37 0.01	38.36 -1.60 0.01	33.86 -1.05 0.00
GLEN PARK____ 23778	13.60 0.21 -0.47	13.00 0.18 -1.08	11.17 0.17 -0.34	10.24 0.10 -0.13	10.58 0.12 -0.13	14.82 0.37 -0.11	24.16 0.29 0.00	29.22 0.12 0.00	28.35 0.03 0.00	26.63 -0.43 0.00	29.24 -0.24 0.00	30.77 -0.15 0.00	32.62 -0.13 0.00	36.85 -0.04 1.13	37.78 -0.08 0.89	40.41 0.12 0.00	45.19 0.62 0.00	54.60 1.17 0.00	61.21 2.58 0.00	59.69 3.38 0.00	59.98 3.66 0.00	50.02 2.74 0.01	41.77 1.80 0.01	36.30 1.40 0.00
GLENDALE_27_KV_LOAD 356172	23.99 1.37 -9.70	21.14 1.27 -8.12	18.10 1.10 -6.33	18.01 1.01 -6.99	18.20 1.03 -6.84	21.49 1.49 -5.67	26.12 2.24 0.00	31.64 2.53 0.00	30.73 2.41 0.00	29.60 2.54 0.00	32.27 2.77 -0.02	33.85 2.91 -0.02	35.78 3.01 -0.02	39.10 3.38 2.30	41.96 3.37 0.16	43.49 3.18 -0.02	48.09 3.52 0.00	57.38 3.95 0.00	63.32 4.69 0.00	60.71 4.39 0.00	59.75 3.44 0.00	49.25 1.99 0.01	42.36 2.40 0.01	37.49 2.58 0.00
GLENWOOD_IC_1_G5 23712	26.71 1.34 -12.44	21.11 1.23 -8.13	18.09 1.08 -6.35	18.01 1.00 -7.00	18.21 1.03 -6.85	22.80 1.48 -7.00	27.74 2.24 -1.62	31.68 2.56 -0.02	30.77 2.44 -0.02	29.51 2.44 -0.02	32.24 2.65 -0.11	33.79 2.75 -0.11	45.31 2.72 -9.84	43.93 3.04 -2.87	46.78 3.10 -4.93	51.46 2.78 -8.39	53.06 3.08 -5.42	59.56 3.53 -2.60	63.94 4.28 -1.03	62.18 4.11 -1.75	61.69 3.38 -1.99	53.05 2.13 -3.64	47.55 2.24 -5.34	42.73 2.30 -5.52
GLENWOOD_IC_2_G1 23688	24.00 1.27 -9.81	21.02 1.16 -8.12	17.98 0.99 -6.33	17.93 0.94 -6.99	18.13 0.97 -6.84	21.44 1.39 -5.72	26.07 2.12 -0.07	31.49 2.39 0.00	30.56 2.24 0.00	29.33 2.27 0.00	31.87 2.39 0.00	33.43 2.50 0.00	35.70 2.69 -0.26	38.84 3.00 2.18	40.06 3.06 1.75	43.21 2.70 -0.23	47.75 3.03 -0.15	57.29 3.79 -0.07	63.29 4.63 -0.03	60.53 4.17 -0.05	59.64 3.27 -0.05	49.45 2.08 -0.09	42.26 2.16 -0.13	37.32 2.27 -0.15
GLENWOOD_IC_3_G1 23689	24.00 1.27 -9.81	21.02 1.16 -8.12	17.98 0.99 -6.33	17.93 0.94 -6.99	18.13 0.97 -6.84	21.44 1.39 -5.72	26.07 2.12 -0.07	31.49 2.39 0.00	30.56 2.24 0.00	29.33 2.27 0.00	31.87 2.39 0.00	33.43 2.50 0.00	35.70 2.69 -0.26	38.84 3.00 2.18	40.06 3.06 1.75	43.21 2.70 -0.23	47.75 3.03 -0.15	57.29 3.79 -0.07	63.29 4.63 -0.03	60.53 4.17 -0.05	59.64 3.27 -0.05	49.45 2.08 -0.09	42.26 2.16 -0.13	37.32 2.27 -0.15
GLENWOOD____4 23550	26.71 1.34 -12.44	21.11 1.23 -8.13	18.09 1.08 -6.35	18.01 1.00 -7.00	18.21 1.03 -6.85	22.80 1.48 -7.00	27.74 2.24 -1.62	31.68 2.56 -0.02	30.77 2.44 -0.02	29.51 2.44 -0.02	32.24 2.65 -0.11	33.79 2.75 -0.11	45.38 2.78 -9.84	44.00 3.12 -2.87	46.85 3.18 -4.93	51.58 2.90 -8.39	53.15 3.16 -5.42	59.66 3.63 -2.60	64.12 4.46 -1.03	62.35 4.28 -1.75	61.86 3.55 -1.99	53.14 2.22 -3.64	47.63 2.32 -5.34	42.83 2.41 -5.52
GLENWOOD____5 23614	26.71 1.34 -12.44	21.11 1.23 -8.13	18.09 1.08 -6.35	18.01 1.00 -7.00	18.21 1.03 -6.85	22.80 1.48 -7.00	27.74 2.24 -1.62	31.68 2.56 -0.02	30.77 2.44 -0.02	29.51 2.44 -0.02	32.24 2.65 -0.11	33.79 2.75 -0.11	45.38 2.78 -9.84	44.00 3.12 -2.87	46.85 3.18 -4.93	51.58 2.90 -8.39	53.15 3.16 -5.42	59.66 3.63 -2.60	64.12 4.46 -1.03	62.35 4.28 -1.75	61.86 3.55 -1.99	53.14 2.22 -3.64	47.63 2.32 -5.34	42.83 2.41 -5.52
GLOBAL GREEN_PORT_GT1 23814	26.02 1.81 -11.29	21.51 1.64 -8.12	18.45 1.45 -6.34	18.32 1.32 -7.00	18.56 1.38 -6.84	22.93 2.16 -6.44	27.97 3.15 -0.94	32.72 3.61 -0.01	31.42 3.09 -0.01	30.18 3.11 -0.01	32.60 3.09 -0.03	34.11 3.16 -0.03	38.09 3.21 -2.13	40.16 3.35 1.20	41.92 3.53 0.35	45.25 3.14 -1.82	49.04 3.30 -1.17	62.72 3.95 -5.33	70.41 4.93 -6.85	67.62 4.84 -6.46	64.55 2.59 -5.64	52.13 1.84 -3.01	43.37 1.92 -1.48	38.60 2.51 -1.18
GLOBE____DSASP 323697	13.86 -0.56 -1.50	13.28 -0.51 -2.04	11.13 -0.54 -1.01	10.38 -0.46 -0.84	10.66 -0.49 -0.82	14.33 -0.69 -0.68	21.68 -2.20 0.00	22.78 -2.10 4.22	23.32 -1.87 3.13	24.09 -2.52 0.45	24.42 -2.33 2.73	27.08 -2.35 1.50	25.99 -2.26 4.50	27.79 -2.43 7.79	29.50 -2.52 6.73	32.16 -2.34 5.79	39.55 -2.41 2.61	49.26 -4.17 0.00	54.94 -3.69 0.00	53.50 -2.82 0.00	54.18 -2.14 0.00	45.37 -1.89 0.01	37.92 -2.04 0.01	33.89 -1.01 0.00
GOETHSLN____LBMP 323567	23.80 1.19 -9.69	20.97 1.12 -8.11	17.95 0.96 -6.33	17.87 0.88 -6.98	18.06 0.90 -6.83	21.28 1.29 -5.66	25.83 1.96 0.00	31.29 2.18 0.00	30.39 2.07 0.00	29.25 2.19 0.00	31.88 2.39 -0.01	33.41 2.47 -0.02	35.32 2.55 -0.02	38.56 2.85 2.30	41.31 3.02 0.46	43.00 2.70 -0.01	47.60 3.03 0.00	56.80 3.37 0.00	62.68 4.05 0.00	60.14 3.83 0.00	59.18 2.87 0.01	48.87 1.61 0.02	41.87 1.92 0.02	36.93 2.02 0.00
GOLAH____69_KV_TB 1_2 80279	14.10 -0.01 -1.19	13.54 -0.01 -1.80	11.39 -0.09 -0.81	10.56 -0.05 -0.61	10.84 -0.08 -0.59	14.74 -0.09 -0.50	23.23 -0.64 0.00	27.38 -0.73 0.99	26.95 -0.65 0.72	26.12 -0.84 0.11	27.91 -0.94 0.63	29.68 -0.90 0.34	31.02 -0.69 1.04	33.72 -0.53 3.76	34.98 -0.66 3.11	38.89 -0.08 1.32	43.97 0.00 0.60	53.22 -0.21 0.00	59.33 0.70 0.00	57.50 1.18 0.00	58.06 1.75 0.00	48.45 1.18 0.01	40.40 0.44 0.01	35.85 0.94 0.00
GOODYEAR_LAKE_HYD 323669	16.50 0.58 -2.99	15.44 0.53 -3.16	13.11 0.47 -1.98	12.37 0.41 -1.95	12.67 0.43 -1.91	16.59 0.67 -1.59	24.81 0.93 0.00	30.04 0.93 0.00	29.17 0.85 0.00	27.71 0.65 0.00	30.25 0.77 0.00	31.70 0.77 0.00	33.57 0.82 0.00	36.50 1.03 2.54	37.89 1.16 2.02	41.70 1.41 0.00	46.26 1.69 0.00	55.51 2.08 0.00	61.62 2.99 0.00	59.58 3.27 0.00	59.36 3.04 0.00	49.54 2.27 0.01	41.80 1.84 0.01	36.62 1.71 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	16.21 0.13 -3.16	15.14 0.11 -3.29	12.84 0.09 -2.09	12.15 0.07 -2.08	12.43 0.07 -2.03	16.15 0.13 -1.69	23.88 0.00 0.00	29.86 0.03 -0.73	28.29 -0.03 0.00	26.87 -0.19 0.00	29.30 -0.18 0.00	30.74 -0.19 0.00	32.59 -0.16 0.00	35.34 -0.11 2.56	36.64 -0.08 2.03	40.41 0.12 0.00	44.79 0.22 0.00	53.91 0.48 0.00	59.69 1.06 0.00	57.72 1.41 0.00	57.73 1.41 0.00	48.16 0.90 0.01	40.52 0.56 0.01	35.60 0.70 0.00

GOUDEY___7 23579	16.21 0.13 -3.16	15.14 0.11 -3.29	12.84 0.09 -2.09	12.15 0.07 -2.08	12.43 0.07 -2.03	16.15 0.13 -1.69	23.88 0.00 0.00	29.86 0.03 -0.73	28.29 -0.03 0.00	26.87 -0.19 0.00	29.30 -0.18 0.00	30.74 -0.19 0.00	32.59 -0.16 0.00	35.34 -0.11 2.56	36.64 -0.08 2.03	40.41 0.12 0.00	44.79 0.22 0.00	53.91 0.48 0.00	59.69 1.06 0.00	57.72 1.41 0.00	57.73 1.41 0.00	48.16 0.90 0.01	40.52 0.56 0.01	35.60 0.70 0.00
GOUDEY___8 23580	16.21 0.13 -3.16	15.14 0.11 -3.29	12.84 0.09 -2.09	12.15 0.07 -2.08	12.43 0.07 -2.03	16.15 0.13 -1.69	23.88 0.00 0.00	29.86 0.03 -0.73	28.29 -0.03 0.00	26.87 -0.19 0.00	29.30 -0.18 0.00	30.74 -0.19 0.00	32.59 -0.16 0.00	35.34 -0.11 2.56	36.64 -0.08 2.03	40.41 0.12 0.00	44.79 0.22 0.00	53.91 0.48 0.00	59.69 1.06 0.00	57.72 1.41 0.00	57.73 1.41 0.00	48.16 0.90 0.01	40.52 0.56 0.01	35.60 0.70 0.00
GOWANUS_GT1_1 24077	24.03 1.41 -9.70	21.16 1.29 -8.12	18.11 1.11 -6.33	18.02 1.02 -6.99	18.21 1.04 -6.84	21.50 1.50 -5.67	26.14 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.63 2.57 0.00	32.30 2.80 -0.02	33.88 2.94 -0.02	35.85 3.08 -0.02	39.06 3.35 2.30	41.73 3.14 0.16	43.45 3.14 -0.02	48.04 3.48 0.00	57.33 3.90 0.00	63.26 4.63 0.00	60.59 4.28 0.00	59.70 3.38 0.00	49.16 1.89 0.01	42.40 2.44 0.01	37.56 2.65 0.00
GOWANUS_GT1_2 24078	24.03 1.41 -9.70	21.16 1.29 -8.12	18.11 1.11 -6.33	18.02 1.02 -6.99	18.21 1.04 -6.84	21.50 1.50 -5.67	26.14 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.63 2.57 0.00	32.30 2.80 -0.02	33.88 2.94 -0.02	35.85 3.08 -0.02	39.06 3.35 2.30	41.73 3.14 0.16	43.45 3.14 -0.02	48.04 3.48 0.00	57.33 3.90 0.00	63.26 4.63 0.00	60.59 4.28 0.00	59.70 3.38 0.00	49.16 1.89 0.01	42.40 2.44 0.01	37.56 2.65 0.00
GOWANUS_GT1_3 24079	24.03 1.41 -9.70	21.16 1.29 -8.12	18.11 1.11 -6.33	18.02 1.02 -6.99	18.21 1.04 -6.84	21.50 1.50 -5.67	26.14 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.63 2.57 0.00	32.30 2.80 -0.02	33.88 2.94 -0.02	35.85 3.08 -0.02	39.06 3.35 2.30	41.73 3.14 0.16	43.45 3.14 -0.02	48.04 3.48 0.00	57.33 3.90 0.00	63.26 4.63 0.00	60.59 4.28 0.00	59.70 3.38 0.00	49.16 1.89 0.01	42.40 2.44 0.01	37.56 2.65 0.00
GOWANUS_GT1_4 24080	24.03 1.41 -9.70	21.16 1.29 -8.12	18.11 1.11 -6.33	18.02 1.02 -6.99	18.21 1.04 -6.84	21.50 1.50 -5.67	26.14 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.63 2.57 0.00	32.30 2.80 -0.02	33.88 2.94 -0.02	35.85 3.08 -0.02	39.06 3.35 2.30	41.73 3.14 0.16	43.45 3.14 -0.02	48.04 3.48 0.00	57.33 3.90 0.00	63.26 4.63 0.00	60.59 4.28 0.00	59.70 3.38 0.00	49.16 1.89 0.01	42.40 2.44 0.01	37.56 2.65 0.00
GOWANUS_GT1_5 24084	24.03 1.41 -9.70	21.16 1.29 -8.12	18.11 1.11 -6.33	18.02 1.02 -6.99	18.21 1.04 -6.84	21.50 1.50 -5.67	26.14 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.63 2.57 0.00	32.30 2.80 -0.02	33.88 2.94 -0.02	35.85 3.08 -0.02	39.06 3.35 2.30	41.73 3.14 0.16	43.45 3.14 -0.02	48.04 3.48 0.00	57.33 3.90 0.00	63.26 4.63 0.00	60.59 4.28 0.00	59.70 3.38 0.00	49.16 1.89 0.01	42.40 2.44 0.01	37.56 2.65 0.00
GOWANUS_GT1_6 24111	24.03 1.41 -9.70	21.16 1.29 -8.12	18.11 1.11 -6.33	18.02 1.02 -6.99	18.21 1.04 -6.84	21.50 1.50 -5.67	26.14 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.63 2.57 0.00	32.30 2.80 -0.02	33.88 2.94 -0.02	35.85 3.08 -0.02	39.06 3.35 2.30	41.73 3.14 0.16	43.45 3.14 -0.02	48.04 3.48 0.00	57.33 3.90 0.00	63.26 4.63 0.00	60.59 4.28 0.00	59.70 3.38 0.00	49.16 1.89 0.01	42.40 2.44 0.01	37.56 2.65 0.00
GOWANUS_GT1_7 24112	24.03 1.41 -9.70	21.16 1.29 -8.12	18.11 1.11 -6.33	18.02 1.02 -6.99	18.21 1.04 -6.84	21.50 1.50 -5.67	26.14 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.63 2.57 0.00	32.30 2.80 -0.02	33.88 2.94 -0.02	35.85 3.08 -0.02	39.06 3.35 2.30	41.73 3.14 0.16	43.45 3.14 -0.02	48.04 3.48 0.00	57.33 3.90 0.00	63.26 4.63 0.00	60.59 4.28 0.00	59.70 3.38 0.00	49.16 1.89 0.01	42.40 2.44 0.01	37.56 2.65 0.00
GOWANUS_GT1_8 24113	24.03 1.41 -9.70	21.16 1.29 -8.12	18.11 1.11 -6.33	18.02 1.02 -6.99	18.21 1.04 -6.84	21.50 1.50 -5.67	26.14 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.63 2.57 0.00	32.30 2.80 -0.02	33.88 2.94 -0.02	35.85 3.08 -0.02	39.06 3.35 2.30	41.73 3.14 0.16	43.45 3.14 -0.02	48.04 3.48 0.00	57.33 3.90 0.00	63.26 4.63 0.00	60.59 4.28 0.00	59.70 3.38 0.00	49.16 1.89 0.01	42.40 2.44 0.01	37.56 2.65 0.00
GOWANUS_GT2_1 24114	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.02	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.56 2.65 -0.01
GOWANUS_GT2_2 24115	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.02	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.56 2.65 -0.01
GOWANUS_GT2_3 24116	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.02	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.56 2.65 -0.01
GOWANUS_GT2_4 24117	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.02	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.56 2.65 -0.01
GOWANUS_GT2_5 24118	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.02	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.56 2.65 -0.01

GOWANUS_GT2_6 24119	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.02	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.56 2.65 -0.01
GOWANUS_GT2_7 24120	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.02	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.56 2.65 -0.01
GOWANUS_GT2_8 24121	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.02	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.56 2.65 -0.01
GOWANUS_GT3_1 24122	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.03	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.57 2.65 -0.01
GOWANUS_GT3_2 24123	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.03	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.57 2.65 -0.01
GOWANUS_GT3_3 24124	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.03	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.57 2.65 -0.01
GOWANUS_GT3_4 24125	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.03	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.57 2.65 -0.01
GOWANUS_GT3_5 24126	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.03	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.57 2.65 -0.01
GOWANUS_GT3_6 24127	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.03	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.57 2.65 -0.01
GOWANUS_GT3_7 24128	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.03	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.57 2.65 -0.01
GOWANUS_GT3_8 24129	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.03	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.57 2.65 -0.01
GOWANUS_GT4_1 24130	24.03 1.41 -9.70	21.16 1.29 -8.12	18.11 1.11 -6.33	18.02 1.02 -6.99	18.21 1.04 -6.84	21.50 1.50 -5.67	26.14 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.63 2.57 0.00	32.30 2.80 -0.02	33.88 2.94 -0.02	35.85 3.08 -0.02	39.06 3.35 2.30	41.73 3.14 0.16	43.45 3.14 -0.02	48.04 3.48 0.00	57.33 3.90 0.00	63.26 4.63 0.00	60.59 4.28 0.00	59.70 3.38 0.00	49.16 1.89 0.01	42.40 2.44 0.01	37.56 2.65 0.00
GOWANUS_GT4_2 24131	24.03 1.41 -9.70	21.16 1.29 -8.12	18.11 1.11 -6.33	18.02 1.02 -6.99	18.21 1.04 -6.84	21.50 1.50 -5.67	26.14 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.63 2.57 0.00	32.30 2.80 -0.02	33.88 2.94 -0.02	35.85 3.08 -0.02	39.06 3.35 2.30	41.73 3.14 0.16	43.45 3.14 -0.02	48.04 3.48 0.00	57.33 3.90 0.00	63.26 4.63 0.00	60.59 4.28 0.00	59.70 3.38 0.00	49.16 1.89 0.01	42.40 2.44 0.01	37.56 2.65 0.00
GOWANUS_GT4_3 24132	24.03 1.41 -9.70	21.16 1.29 -8.12	18.11 1.11 -6.33	18.02 1.02 -6.99	18.21 1.04 -6.84	21.50 1.50 -5.67	26.14 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.63 2.57 0.00	32.30 2.80 -0.02	33.88 2.94 -0.02	35.85 3.08 -0.02	39.06 3.35 2.30	41.73 3.14 0.16	43.45 3.14 -0.02	48.04 3.48 0.00	57.33 3.90 0.00	63.26 4.63 0.00	60.59 4.28 0.00	59.70 3.38 0.00	49.16 1.89 0.01	42.40 2.44 0.01	37.56 2.65 0.00
GOWANUS_GT4_4 24133	24.03 1.41 -9.70	21.16 1.29 -8.12	18.11 1.11 -6.33	18.02 1.02 -6.99	18.21 1.04 -6.84	21.50 1.50 -5.67	26.14 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.63 2.57 0.00	32.30 2.80 -0.02	33.88 2.94 -0.02	35.85 3.08 -0.02	39.06 3.35 2.30	41.73 3.14 0.16	43.45 3.14 -0.02	48.04 3.48 0.00	57.33 3.90 0.00	63.26 4.63 0.00	60.59 4.28 0.00	59.70 3.38 0.00	49.16 1.89 0.01	42.40 2.44 0.01	37.56 2.65 0.00

GOWANUS_GT4_5 24134	24.03 1.41 -9.70	21.16 1.29 -8.12	18.11 1.11 -6.33	18.02 1.02 -6.99	18.21 1.04 -6.84	21.50 1.50 -5.67	26.14 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.63 2.57 0.00	32.30 2.80 -0.02	33.88 2.94 -0.02	35.85 3.08 -0.02	39.06 3.35 2.30	41.73 3.14 0.16	43.45 3.14 -0.02	48.04 3.48 0.00	57.33 3.90 0.00	63.26 4.63 0.00	60.59 4.28 0.00	59.70 3.38 0.00	49.16 1.89 0.01	42.40 2.44 0.01	37.56 2.65 0.00
GOWANUS_GT4_6 24135	24.03 1.41 -9.70	21.16 1.29 -8.12	18.11 1.11 -6.33	18.02 1.02 -6.99	18.21 1.04 -6.84	21.50 1.50 -5.67	26.14 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.63 2.57 0.00	32.30 2.80 -0.02	33.88 2.94 -0.02	35.85 3.08 -0.02	39.06 3.35 2.30	41.73 3.14 0.16	43.45 3.14 -0.02	48.04 3.48 0.00	57.33 3.90 0.00	63.26 4.63 0.00	60.59 4.28 0.00	59.70 3.38 0.00	49.16 1.89 0.01	42.40 2.44 0.01	37.56 2.65 0.00
GOWANUS_GT4_7 24136	24.03 1.41 -9.70	21.16 1.29 -8.12	18.11 1.11 -6.33	18.02 1.02 -6.99	18.21 1.04 -6.84	21.50 1.50 -5.67	26.14 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.63 2.57 0.00	32.30 2.80 -0.02	33.88 2.94 -0.02	35.85 3.08 -0.02	39.06 3.35 2.30	41.73 3.14 0.16	43.45 3.14 -0.02	48.04 3.48 0.00	57.33 3.90 0.00	63.26 4.63 0.00	60.59 4.28 0.00	59.70 3.38 0.00	49.16 1.89 0.01	42.40 2.44 0.01	37.56 2.65 0.00
GOWANUS_GT4_8 24137	24.03 1.41 -9.70	21.16 1.29 -8.12	18.11 1.11 -6.33	18.02 1.02 -6.99	18.21 1.04 -6.84	21.50 1.50 -5.67	26.14 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.63 2.57 0.00	32.30 2.80 -0.02	33.88 2.94 -0.02	35.85 3.08 -0.02	39.06 3.35 2.30	41.73 3.14 0.16	43.45 3.14 -0.02	48.04 3.48 0.00	57.33 3.90 0.00	63.26 4.63 0.00	60.59 4.28 0.00	59.70 3.38 0.00	49.16 1.89 0.01	42.40 2.44 0.01	37.56 2.65 0.00
GREATVR_69_KV_BK1 356245	25.94 1.68 -11.33	21.41 1.54 -8.13	18.37 1.37 -6.34	18.24 1.24 -7.00	18.45 1.28 -6.85	22.71 1.92 -6.46	27.71 2.87 -0.97	32.40 3.29 -0.01	31.31 2.97 -0.01	29.99 2.92 -0.01	32.58 3.07 -0.03	34.14 3.19 -0.03	38.78 3.34 -2.69	40.65 3.54 0.90	42.38 3.60 -0.03	45.77 3.18 -2.30	49.53 3.48 -1.48	60.77 3.79 -3.54	67.54 4.69 -4.22	65.30 4.90 -4.09	63.44 3.49 -3.63	51.90 2.32 -2.31	44.10 2.48 -1.65	39.34 2.93 -1.50
GREENBSH_115KV_TB3 55895	24.20 0.39 -10.89	20.93 0.34 -8.85	16.62 0.33 -5.62	18.82 0.33 -8.49	18.97 0.34 -8.30	19.12 0.44 -4.35	20.35 0.57 4.10	27.50 0.49 2.10	28.75 0.42 0.00	27.44 0.38 0.00	29.89 0.41 0.00	31.29 0.37 0.00	33.01 0.26 0.00	35.83 0.30 2.49	37.05 0.27 1.97	40.49 0.20 0.00	44.66 0.09 0.00	53.54 0.11 0.00	59.16 0.53 0.00	55.98 0.73 1.06	56.54 0.23 0.00	42.51 -0.05 4.73	40.00 0.04 0.01	35.08 0.17 0.00
GREENDGE_115KV_TB5 80291	15.09 0.09 -2.08	14.27 0.06 -2.47	12.08 0.03 -1.38	11.29 0.01 -1.27	11.60 0.03 -1.25	15.47 0.10 -1.04	23.83 -0.05 0.00	38.33 0.09 -9.14	35.40 0.14 -6.93	27.93 -0.14 -1.01	35.44 -0.09 -6.05	34.14 -0.09 -3.31	42.61 -0.10 -9.96	47.21 -0.23 -9.42	47.24 -0.19 -8.69	53.36 0.28 -12.79	51.00 0.67 -5.77	54.93 1.50 0.00	60.74 2.11 0.00	58.96 2.65 0.00	59.08 2.76 0.00	49.21 1.94 0.01	41.40 1.44 0.01	36.20 1.29 0.00
GREENIDGE___3 23582	15.09 0.09 -2.08	14.27 0.06 -2.47	12.08 0.03 -1.38	11.29 0.01 -1.27	11.60 0.03 -1.25	15.47 0.10 -1.04	23.83 -0.05 0.00	38.33 0.09 -9.14	35.40 0.14 -6.93	27.93 -0.14 -1.01	35.44 -0.09 -6.05	34.14 -0.09 -3.31	42.61 -0.10 -9.96	47.21 -0.23 -9.42	47.24 -0.19 -8.69	53.36 0.28 -12.79	51.00 0.67 -5.77	54.93 1.50 0.00	60.74 2.11 0.00	58.96 2.65 0.00	59.08 2.76 0.00	49.21 1.94 0.01	41.40 1.44 0.01	36.20 1.29 0.00
GREENIDGE___4 23583	15.09 0.09 -2.08	14.27 0.06 -2.47	12.08 0.03 -1.38	11.29 0.01 -1.27	11.61 0.04 -1.25	15.47 0.10 -1.04	23.83 -0.05 0.00	38.33 0.09 -9.14	35.40 0.14 -6.93	27.93 -0.13 -1.01	35.44 -0.09 -6.05	34.23 0.00 -3.31	42.61 -0.10 -9.96	47.21 -0.23 -9.42	47.24 -0.19 -8.69	53.39 0.36 -12.74	50.98 0.67 -5.75	55.09 1.66 0.00	60.80 2.17 0.00	59.02 2.70 0.00	59.13 2.81 0.00	49.26 1.99 0.01	41.44 1.48 0.01	36.27 1.36 0.00
GREENLWN_69_KV_BK 3 55738	26.05 1.77 -11.36	21.48 1.61 -8.13	18.43 1.43 -6.34	18.30 1.30 -7.00	18.51 1.34 -6.85	22.79 1.99 -6.47	27.87 3.01 -0.98	32.61 3.49 -0.01	31.56 3.23 -0.01	30.26 3.19 -0.01	30.73 1.21 -0.04	32.82 1.86 -0.04	35.94 1.11 -2.07	37.77 0.99 1.23	39.41 1.05 0.38	42.62 0.56 -1.77	46.70 0.98 -1.15	40.99 -0.05 12.39	41.57 0.70 17.77	41.49 1.30 16.12	41.66 -0.90 13.75	40.58 -1.37 5.33	39.80 -0.36 -0.19	36.48 0.42 -1.15
GREENWD_138_KV_38B11_REV_LBMP_J 345004	24.03 1.41 -9.70	21.16 1.29 -8.12	18.11 1.11 -6.33	18.02 1.02 -6.99	18.21 1.04 -6.84	21.50 1.50 -5.67	26.14 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.63 2.57 0.00	32.30 2.80 -0.02	33.88 2.94 -0.02	35.85 3.08 -0.02	39.06 3.35 2.30	41.73 3.14 0.16	43.45 3.14 -0.02	48.04 3.48 0.00	57.33 3.90 0.00	63.26 4.63 0.00	60.59 4.28 0.00	59.70 3.38 0.00	49.16 1.89 0.01	42.40 2.44 0.01	37.56 2.65 0.00
GRISSOM___SOLAR 323813	27.08 0.93 -13.23	23.45 0.81 -10.89	20.69 0.71 -9.32	20.00 0.66 -9.34	20.15 0.69 -9.14	24.11 1.05 -8.74	27.31 1.53 -1.90	31.48 1.40 -0.98	29.48 1.16 0.00	27.95 0.89 0.00	30.36 0.88 0.00	31.79 0.86 0.00	33.60 0.85 0.00	36.51 1.06 2.57	37.91 1.20 2.04	41.74 1.45 0.00	46.48 1.92 0.00	56.31 2.88 0.00	62.86 4.22 0.00	61.54 4.73 -0.49	60.99 4.67 0.00	52.41 3.69 -1.44	42.88 2.92 0.01	37.42 2.51 0.00
GROVEVILLE___HYD 323602	23.75 1.18 -9.66	20.92 1.08 -8.09	17.89 0.92 -6.31	17.83 0.86 -6.96	18.04 0.90 -6.81	21.23 1.26 -5.64	25.81 1.93 0.00	31.20 2.10 0.00	30.30 1.98 0.00	28.98 1.92 0.00	31.57 2.09 0.00	33.15 2.23 0.00	35.08 2.33 0.00	38.37 2.66 2.31	39.75 2.83 1.83	42.91 2.62 0.00	47.55 2.99 0.00	57.06 3.63 0.00	63.15 4.51 0.00	60.71 4.39 0.00	60.04 3.72 0.00	49.63 2.36 0.01	42.16 2.20 0.01	37.17 2.27 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	13.96 0.12 -0.92	13.42 0.09 -1.58	11.37 0.07 -0.63	10.48 0.06 -0.41	10.79 0.06 -0.40	14.76 0.09 -0.34	23.76 -0.12 0.00	28.96 -0.15 0.00	28.21 -0.11 0.00	26.84 -0.22 0.00	29.21 -0.27 0.00	30.65 -0.28 0.00	32.52 -0.23 0.00	37.31 -0.19 0.52	38.18 -0.15 0.41	41.09 0.81 0.00	45.64 1.07 0.00	54.71 1.28 0.00	59.33 0.70 0.00	57.21 0.90 0.00	57.22 0.90 0.00	47.84 0.57 0.01	40.20 0.24 0.01	35.22 0.31 0.00
HAMLTNNY_34_KV_TB 80303	14.01 0.10 -0.98	13.47 0.09 -1.63	11.40 0.06 -0.67	10.53 0.06 -0.46	10.83 0.05 -0.45	14.80 0.09 -0.38	23.73 -0.14 0.00	28.96 -0.15 0.00	28.21 -0.11 0.00	26.84 -0.22 0.00	29.19 -0.29 0.00	30.65 -0.28 0.00	32.55 -0.20 0.00	37.44 -0.11 0.46	38.27 -0.12 0.36	41.62 1.33 0.00	46.22 1.65 0.00	55.51 2.08 0.00	59.75 1.11 0.00	57.61 1.30 0.00	57.67 1.35 0.00	48.17 0.90 0.01	40.40 0.44 0.01	35.43 0.52 0.00

HAMPSHIRE___PAPER_HYD 323593	12.69 -0.30 -0.06	11.66 -0.28 -0.20	10.47 -0.24 -0.05	9.74 -0.27 0.00	10.06 -0.27 0.00	14.09 -0.24 0.00	23.40 -0.48 0.00	28.49 -0.61 0.00	27.67 -0.65 0.00	26.22 -0.84 0.00	28.80 -0.68 0.00	30.27 -0.65 0.00	32.10 -0.65 0.00	35.96 -0.65 1.40	36.82 -0.82 1.11	39.56 -0.72 0.00	44.17 -0.40 0.00	53.22 -0.21 0.00	58.99 0.35 0.00	57.10 0.79 0.00	57.27 0.96 0.00	47.93 0.66 0.01	40.17 0.20 0.01	34.84 -0.07 0.00
HARDSCRABBLE_WT_PWR 323673	13.11 -0.13 -0.32	13.36 -0.12 -1.73	10.82 -0.11 -0.26	9.67 -0.11 0.22	9.99 -0.11 0.22	14.08 -0.09 0.17	23.59 -0.29 0.00	28.67 -0.44 0.00	27.98 -0.34 0.00	26.74 -0.32 0.00	29.19 -0.29 0.00	30.64 -0.28 0.00	32.39 -0.36 0.00	34.63 -0.38 3.01	35.98 -0.39 2.38	39.81 -0.48 0.00	44.08 -0.49 0.00	53.06 -0.37 0.00	58.87 0.24 0.00	56.71 0.40 0.00	56.43 0.11 0.00	47.17 -0.09 0.01	39.76 -0.20 0.01	34.87 -0.03 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	23.15 1.07 -9.15	20.44 0.99 -7.71	17.51 0.86 -5.98	17.38 0.79 -6.59	17.59 0.82 -6.44	20.83 1.16 -5.34	25.67 1.79 0.00	31.05 1.95 0.00	30.13 1.81 0.00	28.84 1.79 0.00	31.43 1.95 0.00	32.96 2.04 0.00	34.88 2.13 0.00	38.18 2.43 2.27	39.47 2.52 1.80	42.54 2.26 0.00	47.20 2.63 0.00	56.58 3.15 0.00	62.56 3.93 0.00	60.09 3.77 0.00	59.36 3.04 0.00	49.11 1.84 0.01	41.80 1.84 0.01	36.83 1.92 0.00
HARSNRAD_115KV_TB1 81005	13.88 -0.52 -1.48	13.29 -0.48 -2.02	11.14 -0.52 -0.99	10.39 -0.44 -0.82	10.66 -0.48 -0.80	14.36 -0.64 -0.67	22.13 -1.74 0.00	22.71 -1.78 4.62	23.30 -1.59 3.44	24.75 -1.81 0.50	24.49 -2.00 2.99	27.29 -2.01 1.63	25.93 -1.90 4.92	27.79 -1.98 8.25	29.55 -2.05 7.15	32.23 -1.85 6.21	39.89 -1.87 2.80	50.65 -2.78 0.00	56.58 -2.05 0.00	55.07 -1.24 0.00	55.76 -0.56 0.00	46.56 -0.71 0.01	38.88 -1.08 0.01	34.66 -0.24 0.00
HARZA MOOSE___RIVER 24016	13.52 0.17 -0.43	13.25 0.15 -1.35	11.12 0.14 -0.32	10.10 0.09 0.00	10.43 0.10 0.00	14.61 0.27 -0.01	24.09 0.21 0.00	29.22 0.12 0.00	28.38 0.06 0.00	26.84 -0.22 0.00	29.45 -0.03 0.00	30.95 0.03 0.00	32.78 0.03 0.00	35.97 0.15 2.20	37.05 0.04 1.74	40.45 0.16 0.00	45.19 0.62 0.00	54.39 0.96 0.00	60.51 1.88 0.00	58.62 2.31 0.00	58.63 2.31 0.00	48.92 1.65 0.01	41.04 1.08 0.01	35.81 0.91 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	13.92 0.09 -0.91	13.43 0.07 -1.61	11.34 0.05 -0.62	10.44 0.04 -0.39	10.75 0.04 -0.38	14.71 0.06 -0.33	23.68 -0.19 0.00	28.87 -0.23 0.00	28.12 -0.20 0.00	26.76 -0.30 0.00	29.16 -0.32 0.00	30.58 -0.34 0.00	32.46 -0.29 0.00	36.02 -0.27 1.73	37.11 -0.27 1.37	40.29 0.00 0.00	44.70 0.13 0.00	53.48 0.05 0.00	58.87 0.23 0.00	56.76 0.45 0.00	56.71 0.39 0.00	47.41 0.14 0.01	39.84 -0.12 0.01	34.94 0.03 0.00
HELLGATE_13_KV_LD 55870	24.00 1.38 -9.70	21.15 1.28 -8.12	18.11 1.11 -6.33	18.01 1.01 -6.99	18.21 1.04 -6.84	21.49 1.49 -5.67	26.12 2.24 0.00	31.61 2.50 0.00	30.70 2.38 0.00	29.58 2.52 0.00	32.24 2.74 -0.02	33.82 2.88 -0.02	35.75 2.98 -0.02	39.06 3.35 2.30	41.92 3.33 0.16	43.45 3.14 -0.02	47.96 3.39 0.00	57.22 3.79 0.01	63.14 4.51 0.01	60.53 4.22 0.01	59.63 3.32 0.01	49.10 1.84 0.02	42.32 2.36 0.01	37.46 2.55 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	24.00 1.38 -9.70	21.15 1.28 -8.12	18.11 1.11 -6.33	18.01 1.01 -6.99	18.21 1.04 -6.84	21.49 1.49 -5.67	26.12 2.24 0.00	31.61 2.50 0.00	30.70 2.38 0.00	29.58 2.52 0.00	32.24 2.74 -0.02	33.82 2.88 -0.02	35.75 2.98 -0.02	39.06 3.35 2.30	41.92 3.33 0.16	43.45 3.14 -0.02	47.96 3.39 0.00	57.22 3.79 0.01	63.14 4.51 0.01	60.53 4.22 0.01	59.63 3.32 0.01	49.10 1.84 0.02	42.32 2.36 0.01	37.46 2.55 0.00
HEMPSTEAD____ 23647	26.32 1.33 -12.07	21.10 1.22 -8.13	18.05 1.05 -6.34	18.01 1.00 -7.00	18.21 1.03 -6.85	22.62 1.48 -6.81	27.52 2.24 -1.40	31.65 2.53 -0.02	30.68 2.35 -0.01	29.46 2.38 -0.02	32.07 2.48 -0.11	33.63 2.60 -0.11	45.61 2.78 -10.08	44.09 3.08 -3.00	46.90 3.10 -5.05	51.58 2.70 -8.59	53.10 2.99 -5.55	59.72 3.64 -2.66	64.20 4.51 -1.05	62.17 4.06 -1.80	61.57 3.21 -2.04	53.09 2.08 -3.73	47.65 2.20 -5.48	42.93 2.37 -5.65
HICKLING___1 23621	15.35 -0.06 -2.49	14.46 -0.07 -2.78	12.22 -0.10 -1.65	11.49 -0.10 -1.58	11.78 -0.09 -1.55	15.53 -0.09 -1.29	23.49 -0.38 0.00	32.63 -0.32 -3.85	31.21 -0.20 -3.08	27.10 -0.41 -0.45	31.79 -0.38 -2.69	32.02 -0.37 -1.47	36.85 -0.33 -4.43	40.37 -0.30 -2.66	41.13 -0.27 -2.65	45.81 -0.16 -5.68	47.18 0.04 -2.56	54.18 0.75 0.00	60.27 1.64 0.00	58.57 2.25 0.00	58.80 2.48 0.00	49.06 1.80 0.01	41.00 1.04 0.01	35.99 1.08 0.00
HICKLING___2 23622	15.35 -0.06 -2.49	14.46 -0.07 -2.78	12.22 -0.10 -1.65	11.49 -0.10 -1.58	11.78 -0.09 -1.55	15.53 -0.09 -1.29	23.49 -0.38 0.00	32.63 -0.32 -3.85	31.21 -0.20 -3.08	27.10 -0.41 -0.45	31.79 -0.38 -2.69	32.02 -0.37 -1.47	36.85 -0.33 -4.43	40.37 -0.30 -2.66	41.13 -0.27 -2.65	45.81 -0.16 -5.68	47.18 0.04 -2.56	54.18 0.75 0.00	60.27 1.64 0.00	58.57 2.25 0.00	58.80 2.48 0.00	49.06 1.80 0.01	41.00 1.04 0.01	35.99 1.08 0.00
HIGH FALLS___HY 23754	23.60 1.24 -9.44	20.80 1.13 -7.93	17.70 0.87 -6.16	17.69 0.89 -6.80	17.92 0.94 -6.65	21.04 1.20 -5.51	25.76 1.89 0.00	31.08 1.98 0.00	30.30 1.98 0.00	29.01 1.95 0.00	31.63 2.15 0.00	33.21 2.29 0.00	35.24 2.49 0.00	38.61 2.89 2.29	40.03 3.10 1.82	43.27 2.98 0.00	48.13 3.57 0.00	57.81 4.38 0.00	64.03 5.39 0.00	61.27 4.96 0.00	60.82 4.51 0.00	49.56 2.74 0.46	42.56 2.60 0.01	37.56 2.65 0.00
HIGH_RIVER___SOLAR 323847	26.47 0.71 -12.84	22.99 0.63 -10.61	20.32 0.55 -9.10	19.56 0.52 -9.03	19.70 0.54 -8.84	23.67 0.79 -8.56	26.99 1.10 -2.01	31.09 0.96 -1.03	29.00 0.68 0.00	27.49 0.43 0.00	29.86 0.38 0.00	31.23 0.31 0.00	32.95 0.20 0.00	35.74 0.30 2.57	37.09 0.39 2.04	40.73 0.44 0.00	45.33 0.76 0.00	54.87 1.44 0.00	61.21 2.58 0.00	59.93 3.10 -0.52	59.25 2.93 0.00	51.02 2.22 -1.52	41.76 1.80 0.01	36.55 1.64 0.00
HILLBURN___GT 23639	23.34 1.12 -9.29	20.58 1.02 -7.82	17.61 0.87 -6.07	17.52 0.82 -6.69	17.73 0.86 -6.55	20.97 1.22 -5.42	25.74 1.86 0.00	31.17 2.07 0.00	30.25 1.93 0.00	29.01 1.95 0.00	31.54 2.06 0.00	33.12 2.20 0.00	35.08 2.33 0.00	38.32 2.59 2.28	39.61 2.67 1.81	42.62 2.34 0.00	47.24 2.67 0.00	56.80 3.37 0.00	62.79 4.16 0.00	60.03 3.72 0.00	59.13 2.81 0.00	48.97 1.70 0.01	41.72 1.76 0.01	36.75 1.85 0.00
HILLSIDE_115KV_TB1 80332	15.35 -0.19 -2.62	14.44 -0.19 -2.88	12.20 -0.20 -1.74	11.49 -0.19 -1.68	11.78 -0.19 -1.64	15.47 -0.23 -1.37	23.28 -0.60 0.00	31.07 -0.61 -2.58	30.00 -0.48 -2.16	26.72 -0.65 -0.31	30.69 -0.68 -1.89	31.28 -0.68 -1.03	35.17 -0.69 -3.11	38.38 -0.76 -1.13	39.29 -0.74 -1.28	43.47 -0.81 -3.99	45.65 -0.71 -1.80	53.11 -0.32 0.00	58.92 0.29 0.00	57.16 0.84 0.00	57.33 1.01 0.00	47.83 0.57 0.01	40.08 0.12 0.01	35.29 0.38 0.00

HISHELDN_WT_PWR 323625	14.06 -0.66 -1.80	13.38 -0.62 -2.26	11.26 -0.61 -1.20	10.52 -0.55 -1.06	10.82 -0.55 -1.04	14.44 -0.76 -0.87	22.13 -1.74 0.00	9.80 -1.98 17.32	13.57 -1.84 12.92	23.18 -2.00 1.87	16.12 -2.09 11.27	22.66 -2.10 6.16	12.04 -2.16 18.55	11.83 -2.43 23.75	15.12 -2.52 21.11	14.22 -2.34 23.73	31.41 -2.45 10.70	51.24 -2.19 0.00	57.22 -1.41 0.00	55.98 -0.34 0.00	56.60 0.28 0.00	47.13 -0.14 0.01	39.32 -0.64 0.01	34.73 -0.17 0.00
HOLTSVILLE_IC_1 23690	25.72 1.51 -11.29	21.24 1.37 -8.12	18.20 1.19 -6.34	18.11 1.11 -7.00	18.33 1.16 -6.84	22.51 1.75 -6.43	27.35 2.53 -0.94	32.00 2.88 -0.01	30.85 2.52 -0.01	29.59 2.52 -0.01	32.01 2.50 -0.03	33.58 2.63 -0.03	37.50 2.69 -2.06	39.59 2.81 1.24	41.29 2.94 0.40	44.51 2.46 -1.76	48.20 2.49 -1.14	60.59 2.67 -4.49	67.97 3.64 -5.70	65.20 3.49 -5.40	62.96 1.92 -4.72	50.97 1.09 -2.60	42.91 1.56 -1.38	38.15 2.09 -1.15
HOLTSVILLE_IC_10 23699	25.81 1.59 -11.30	21.31 1.44 -8.12	18.26 1.26 -6.34	18.17 1.17 -7.00	18.38 1.21 -6.85	22.61 1.83 -6.44	27.50 2.67 -0.95	32.17 3.06 -0.01	30.99 2.66 -0.01	29.72 2.65 -0.01	32.10 2.59 -0.03	33.70 2.75 -0.03	37.91 2.82 -2.35	39.89 2.97 1.09	41.68 3.14 0.21	45.07 2.78 -2.00	48.63 2.76 -1.29	64.25 2.94 -7.88	72.96 3.99 -10.34	69.82 3.83 -9.67	66.87 2.14 -8.41	52.82 1.28 -4.26	43.46 1.72 -1.77	38.41 2.20 -1.31
HOLTSVILLE_IC_2 23691	25.72 1.51 -11.29	21.24 1.37 -8.12	18.20 1.19 -6.34	18.11 1.11 -7.00	18.33 1.16 -6.84	22.51 1.75 -6.43	27.35 2.53 -0.94	32.00 2.88 -0.01	30.85 2.52 -0.01	29.59 2.52 -0.01	32.01 2.50 -0.03	33.58 2.63 -0.03	37.50 2.69 -2.06	39.59 2.81 1.24	41.29 2.94 0.40	44.51 2.46 -1.76	48.20 2.49 -1.14	60.59 2.67 -4.49	67.97 3.64 -5.70	65.20 3.49 -5.40	62.96 1.92 -4.72	50.97 1.09 -2.60	42.91 1.56 -1.38	38.15 2.09 -1.15
HOLTSVILLE_IC_3 23692	25.72 1.51 -11.29	21.24 1.37 -8.12	18.20 1.19 -6.34	18.11 1.11 -7.00	18.33 1.16 -6.84	22.51 1.75 -6.43	27.35 2.53 -0.94	32.00 2.88 -0.01	30.85 2.52 -0.01	29.59 2.52 -0.01	32.01 2.50 -0.03	33.58 2.63 -0.03	37.50 2.69 -2.06	39.59 2.81 1.24	41.29 2.94 0.40	44.51 2.46 -1.76	48.20 2.49 -1.14	60.59 2.67 -4.49	67.97 3.64 -5.70	65.20 3.49 -5.40	62.96 1.92 -4.72	50.97 1.09 -2.60	42.91 1.56 -1.38	38.15 2.09 -1.15
HOLTSVILLE_IC_4 23693	25.72 1.51 -11.29	21.24 1.37 -8.12	18.20 1.19 -6.34	18.11 1.11 -7.00	18.33 1.16 -6.84	22.51 1.75 -6.43	27.35 2.53 -0.94	32.00 2.88 -0.01	30.85 2.52 -0.01	29.59 2.52 -0.01	32.01 2.50 -0.03	33.58 2.63 -0.03	37.50 2.69 -2.06	39.59 2.81 1.24	41.29 2.94 0.40	44.51 2.46 -1.76	48.20 2.49 -1.14	60.59 2.67 -4.49	67.97 3.64 -5.70	65.20 3.49 -5.40	62.96 1.92 -4.72	50.97 1.09 -2.60	42.91 1.56 -1.38	38.15 2.09 -1.15
HOLTSVILLE_IC_5 23694	25.72 1.51 -11.29	21.24 1.37 -8.12	18.20 1.19 -6.34	18.11 1.11 -7.00	18.33 1.16 -6.84	22.51 1.75 -6.43	27.35 2.53 -0.94	32.00 2.88 -0.01	30.85 2.52 -0.01	29.59 2.52 -0.01	32.01 2.50 -0.03	33.58 2.63 -0.03	37.50 2.69 -2.06	39.59 2.81 1.24	41.29 2.94 0.40	44.51 2.46 -1.76	48.20 2.49 -1.14	60.59 2.67 -4.49	67.97 3.64 -5.70	65.20 3.49 -5.40	62.96 1.92 -4.72	50.97 1.09 -2.60	42.91 1.56 -1.38	38.15 2.09 -1.15
HOLTSVILLE_IC_6 23695	25.81 1.59 -11.30	21.31 1.44 -8.12	18.26 1.26 -6.34	18.17 1.17 -7.00	18.38 1.21 -6.85	22.61 1.83 -6.44	27.50 2.67 -0.95	32.17 3.06 -0.01	30.99 2.66 -0.01	29.72 2.65 -0.01	32.10 2.59 -0.03	33.70 2.75 -0.03	37.91 2.82 -2.35	39.89 2.97 1.09	41.68 3.14 0.21	45.07 2.78 -2.00	48.63 2.76 -1.29	64.25 2.94 -7.88	72.96 3.99 -10.34	69.82 3.83 -9.67	66.87 2.14 -8.41	52.82 1.28 -4.26	43.46 1.72 -1.77	38.41 2.20 -1.31
HOLTSVILLE_IC_7 23696	25.81 1.59 -11.30	21.31 1.44 -8.12	18.26 1.26 -6.34	18.17 1.17 -7.00	18.38 1.21 -6.85	22.61 1.83 -6.44	27.50 2.67 -0.95	32.17 3.06 -0.01	30.99 2.66 -0.01	29.72 2.65 -0.01	32.10 2.59 -0.03	33.70 2.75 -0.03	37.91 2.82 -2.35	39.89 2.97 1.09	41.68 3.14 0.21	45.07 2.78 -2.00	48.63 2.76 -1.29	64.25 2.94 -7.88	72.96 3.99 -10.34	69.82 3.83 -9.67	66.87 2.14 -8.41	52.82 1.28 -4.26	43.46 1.72 -1.77	38.41 2.20 -1.31
HOLTSVILLE_IC_8 23697	25.81 1.59 -11.30	21.31 1.44 -8.12	18.26 1.26 -6.34	18.17 1.17 -7.00	18.38 1.21 -6.85	22.61 1.83 -6.44	27.50 2.67 -0.95	32.17 3.06 -0.01	30.99 2.66 -0.01	29.72 2.65 -0.01	32.10 2.59 -0.03	33.70 2.75 -0.03	37.91 2.82 -2.35	39.89 2.97 1.09	41.68 3.14 0.21	45.07 2.78 -2.00	48.63 2.76 -1.29	64.25 2.94 -7.88	72.96 3.99 -10.34	69.82 3.83 -9.67	66.87 2.14 -8.41	52.82 1.28 -4.26	43.46 1.72 -1.77	38.41 2.20 -1.31
HOLTSVILLE_IC_9 23698	25.81 1.59 -11.30	21.31 1.44 -8.12	18.26 1.26 -6.34	18.17 1.17 -7.00	18.38 1.21 -6.85	22.61 1.83 -6.44	27.50 2.67 -0.95	32.17 3.06 -0.01	30.99 2.66 -0.01	29.72 2.65 -0.01	32.10 2.59 -0.03	33.70 2.75 -0.03	37.91 2.82 -2.35	39.89 2.97 1.09	41.68 3.14 0.21	45.07 2.78 -2.00	48.63 2.76 -1.29	64.25 2.94 -7.88	72.96 3.99 -10.34	69.82 3.83 -9.67	66.87 2.14 -8.41	52.82 1.28 -4.26	43.46 1.72 -1.77	38.41 2.20 -1.31
HOMER_HL_115KV_TB2 355744	14.02 -0.75 -1.85	13.34 -0.70 -2.30	11.21 -0.69 -1.23	10.47 -0.63 -1.10	10.75 -0.65 -1.08	14.35 -0.87 -0.90	22.56 -1.31 0.00	26.83 -1.31 0.96	26.58 -1.16 0.58	25.68 -1.30 0.08	27.56 -1.42 0.50	29.20 -1.45 0.27	30.38 -1.54 0.83	32.63 -1.86 3.53	33.88 -1.98 2.90	36.96 -2.30 1.03	41.25 -2.85 0.47	51.77 -1.66 0.00	57.69 -0.94 0.00	56.14 -0.17 0.00	56.54 0.23 0.00	47.12 -0.14 0.01	39.36 -0.60 0.01	35.19 0.28 0.00
HOWARD_WT_PWR 323690	14.47 -0.57 -2.11	13.68 -0.56 -2.50	11.53 -0.54 -1.41	10.80 -0.50 -1.30	11.12 -0.47 -1.27	14.79 -0.60 -1.06	22.66 -1.22 0.00	44.12 -1.40 -16.42	39.46 -1.22 -12.35	27.50 -1.35 -1.79	38.93 -1.33 -10.78	35.49 -1.33 -5.89	49.02 -1.47 -17.74	54.22 -1.67 -17.88	53.40 -1.70 -16.35	61.54 -1.49 -22.75	53.36 -1.47 -10.26	52.90 -0.53 0.00	59.04 0.41 0.00	57.72 1.41 0.00	58.17 1.86 0.00	48.36 1.09 0.01	40.24 0.28 0.01	35.43 0.52 0.00
HQ_GEN_CEDARS 23644	11.99 -0.31 0.62	9.49 -0.28 1.97	9.95 -0.26 0.46	9.77 -0.24 0.00	10.08 -0.25 0.00	13.97 -0.34 0.01	23.57 -0.31 0.00	29.02 -0.09 0.00	28.27 -0.06 0.00	27.09 0.03 0.00	29.60 0.12 0.00	31.08 0.15 0.00	33.01 0.26 0.00	37.49 0.30 0.83	38.36 0.27 0.66	40.53 0.24 0.00	44.79 0.22 0.00	53.75 0.32 0.00	58.46 -0.18 0.00	55.92 -0.39 0.00	56.21 -0.11 0.00	47.37 0.09 0.00	40.09 0.12 0.00	34.70 -0.21 0.00
HQ_GEN_CEDARS_PROXY 323590	11.99 -0.31 0.62	9.49 -0.28 1.97	9.95 -0.26 0.46	9.77 -0.24 0.00	10.08 -0.25 0.00	13.97 -0.34 0.01	23.46 -0.31 0.11	29.12 -0.09 -0.11	28.27 -0.06 0.00	27.09 0.03 0.00	29.60 0.12 0.00	31.08 0.16 0.00	33.01 0.26 0.00	37.49 0.30 0.83	38.36 0.27 0.66	40.53 0.24 0.00	44.79 0.22 0.00	53.59 0.16 0.00	58.28 -0.35 0.00	55.86 -0.45 0.00	55.91 -0.11 0.30	47.67 0.09 -0.29	40.13 0.16 0.00	34.70 -0.21 0.00

HQ_GEN_IMPORT 323601	12.27 -0.22 0.44	10.16 -0.20 1.39	10.16 -0.18 0.32	9.85 -0.16 0.00	10.15 -0.18 0.00	10.16 -0.23 3.94	27.51 -0.19 -3.82	29.12 -0.09 -0.11	28.27 -0.06 0.00	27.03 -0.03 0.00	29.48 0.00 0.00	30.95 0.03 0.00	32.82 0.07 0.00	37.64 0.08 0.45	38.43 0.04 0.36	40.33 0.04 0.00	44.57 0.00 0.00	55.74 -0.05 -2.36	55.74 -0.53 2.36	55.75 -0.56 0.00	55.74 -0.28 0.30	47.53 -0.05 -0.30	39.93 -0.04 0.00	34.70 -0.21 0.00
HQ_GEN_WHEEL 23651	12.27 -0.22 0.44	10.16 -0.20 1.39	10.16 -0.18 0.32	9.85 -0.16 0.00	10.15 -0.18 0.00	10.16 -0.23 3.94	27.51 -0.19 -3.82	29.12 -0.09 -0.11	28.27 -0.06 0.00	27.03 -0.03 0.00	29.48 0.00 0.00	30.95 0.03 0.00	32.82 0.07 0.00	37.64 0.08 0.45	38.43 0.04 0.36	40.33 0.04 0.00	44.57 0.00 0.00	55.74 -0.05 -2.36	55.74 -0.53 2.36	55.75 -0.56 0.00	55.74 -0.28 0.30	47.53 -0.05 -0.30	39.93 -0.04 0.00	34.70 -0.21 0.00
HUDSON AVE_GT_3 23810	23.89 1.28 -9.69	21.04 1.19 -8.11	18.01 1.02 -6.33	17.93 0.94 -6.98	18.12 0.96 -6.83	21.38 1.39 -5.66	26.00 2.12 0.00	31.52 2.42 0.00	30.59 2.27 0.00	29.41 2.35 0.00	32.09 2.59 -0.01	33.63 2.69 -0.02	35.55 2.78 -0.02	38.83 3.12 2.30	41.58 3.29 0.46	43.28 2.98 -0.01	47.91 3.34 0.00	57.22 3.79 0.00	63.20 4.57 0.00	60.59 4.28 0.00	59.70 3.38 0.00	49.25 1.99 0.01	42.20 2.24 0.01	37.21 2.30 0.00
HUDSON AVE_GT_4 23540	23.89 1.28 -9.69	21.04 1.19 -8.11	18.01 1.02 -6.33	17.93 0.94 -6.98	18.12 0.96 -6.83	21.38 1.39 -5.66	26.00 2.12 0.00	31.52 2.42 0.00	30.59 2.27 0.00	29.41 2.35 0.00	32.09 2.59 -0.01	33.63 2.69 -0.02	35.55 2.78 -0.02	38.83 3.12 2.30	41.58 3.29 0.46	43.28 2.98 -0.01	47.91 3.34 0.00	57.22 3.79 0.00	63.20 4.57 0.00	60.59 4.28 0.00	59.70 3.38 0.00	49.25 1.99 0.01	42.20 2.24 0.01	37.21 2.30 0.00
HUDSON AVE_GT_5 23657	23.89 1.28 -9.69	21.04 1.19 -8.11	18.01 1.02 -6.33	17.93 0.94 -6.98	18.12 0.96 -6.83	21.38 1.39 -5.66	26.00 2.12 0.00	31.52 2.42 0.00	30.59 2.27 0.00	29.41 2.35 0.00	32.09 2.59 -0.01	33.63 2.69 -0.02	35.55 2.78 -0.02	38.83 3.12 2.30	41.58 3.29 0.46	43.28 2.98 -0.01	47.91 3.34 0.00	57.22 3.79 0.00	63.20 4.57 0.00	60.59 4.28 0.00	59.70 3.38 0.00	49.25 1.99 0.01	42.20 2.24 0.01	37.21 2.30 0.00
HUDSON_AVE_10 24168	23.86 1.25 -9.69	21.02 1.16 -8.11	17.99 1.00 -6.33	17.90 0.91 -6.98	18.10 0.94 -6.83	21.34 1.35 -5.66	25.98 2.10 0.00	31.46 2.36 0.00	30.53 2.21 0.00	29.33 2.27 0.00	32.03 2.54 -0.01	33.57 2.63 -0.02	35.49 2.72 -0.02	38.75 3.04 2.30	41.50 3.22 0.46	43.20 2.90 -0.01	47.82 3.25 0.00	57.12 3.69 0.00	63.09 4.46 0.00	60.48 4.17 0.00	59.58 3.27 0.00	49.21 1.94 0.01	42.12 2.16 0.01	37.10 2.20 0.00
HUDSON___115KV_TB 4 355613	24.28 0.50 -10.85	21.06 0.45 -8.87	17.25 0.57 -6.02	18.68 0.39 -8.29	18.85 0.41 -8.11	20.00 0.77 -4.90	22.07 1.15 2.95	28.67 1.08 1.51	29.03 0.71 0.00	27.63 0.57 0.00	30.04 0.56 0.00	31.51 0.59 0.00	33.24 0.49 0.00	36.20 0.65 2.46	37.49 0.70 1.95	41.01 0.73 0.00	45.33 0.76 0.00	54.55 1.12 0.00	60.57 1.93 0.00	58.31 2.76 0.77	58.18 1.86 0.00	45.45 1.65 3.48	40.96 1.00 0.01	35.95 1.05 0.00
HUNTER MOUNT___DRP 323613	24.08 0.47 -10.70	20.92 0.40 -8.78	17.49 0.66 -6.16	18.43 0.35 -8.07	18.60 0.37 -7.90	20.39 0.92 -5.14	23.01 1.41 2.27	29.31 1.37 1.16	29.03 0.71 0.00	27.57 0.51 0.00	29.98 0.50 0.00	31.45 0.53 0.00	33.21 0.46 0.00	36.23 0.65 2.44	37.51 0.70 1.93	41.01 0.73 0.00	45.33 0.76 0.00	54.66 1.23 0.00	60.74 2.11 0.00	59.22 3.49 0.59	58.46 2.14 0.00	46.78 2.27 2.77	41.16 1.20 0.01	36.16 1.26 0.00
HUNTINGTON_RES_REC 323705	25.95 1.71 -11.32	21.42 1.55 -8.12	18.35 1.34 -6.34	18.25 1.25 -7.00	18.47 1.30 -6.85	22.72 1.93 -6.45	27.73 2.89 -0.96	32.46 3.35 -0.01	31.33 3.00 -0.01	30.07 3.00 -0.01	31.25 1.74 -0.03	33.15 2.20 -0.03	35.90 1.90 -1.25	38.25 1.90 1.66	41.50 2.09 -0.66	45.81 2.42 -3.11	48.22 1.65 -2.00	96.38 1.44 -41.51	117.70 2.35 -56.73	110.82 2.19 -52.32	101.74 0.34 -45.08	67.35 -0.28 -20.35	39.38 0.52 1.11	36.72 1.12 -0.70
HUNTLEY___63 23557	14.04 -0.41 -1.53	13.41 -0.40 -2.06	11.25 -0.44 -1.03	10.50 -0.37 -0.86	10.78 -0.39 -0.84	14.49 -0.54 -0.70	22.20 -1.67 0.00	22.94 -1.63 4.54	23.52 -1.42 3.39	24.78 -1.79 0.49	24.76 -1.77 2.95	27.55 -1.76 1.61	26.25 -1.64 4.86	28.15 -1.67 8.19	29.92 -1.74 7.09	32.57 -1.53 6.19	40.26 -1.52 2.79	51.08 -2.35 0.00	56.93 -1.70 0.00	55.47 -0.84 0.00	56.04 -0.28 0.00	46.89 -0.38 0.01	39.12 -0.84 0.01	34.91 0.00 0.00
HUNTLEY___64 23558	14.04 -0.41 -1.53	13.41 -0.40 -2.06	11.25 -0.44 -1.03	10.50 -0.37 -0.86	10.78 -0.39 -0.84	14.49 -0.54 -0.70	22.20 -1.67 0.00	22.94 -1.63 4.54	23.52 -1.42 3.39	24.78 -1.79 0.49	24.76 -1.77 2.95	27.55 -1.76 1.61	26.25 -1.64 4.86	28.15 -1.67 8.19	29.92 -1.74 7.09	32.57 -1.53 6.19	40.26 -1.52 2.79	51.08 -2.35 0.00	56.93 -1.70 0.00	55.47 -0.84 0.00	56.04 -0.28 0.00	46.89 -0.38 0.01	39.12 -0.84 0.01	34.91 0.00 0.00
HUNTLEY___65 23559	14.04 -0.41 -1.53	13.41 -0.40 -2.06	11.25 -0.44 -1.03	10.50 -0.37 -0.86	10.78 -0.39 -0.84	14.49 -0.54 -0.70	22.20 -1.67 0.00	22.94 -1.63 4.54	23.52 -1.42 3.39	24.78 -1.79 0.49	24.76 -1.77 2.95	27.55 -1.76 1.61	26.25 -1.64 4.86	28.15 -1.67 8.19	29.92 -1.74 7.09	32.57 -1.53 6.19	40.26 -1.52 2.79	51.08 -2.35 0.00	56.93 -1.70 0.00	55.47 -0.84 0.00	56.04 -0.28 0.00	46.89 -0.38 0.01	39.12 -0.84 0.01	34.91 0.00 0.00
HUNTLEY___66 23560	14.04 -0.41 -1.53	13.41 -0.40 -2.06	11.25 -0.44 -1.03	10.50 -0.37 -0.86	10.78 -0.39 -0.84	14.49 -0.54 -0.70	22.20 -1.67 0.00	22.94 -1.63 4.54	23.52 -1.42 3.39	24.78 -1.79 0.49	24.76 -1.77 2.95	27.55 -1.76 1.61	26.25 -1.64 4.86	28.15 -1.67 8.19	29.92 -1.74 7.09	32.57 -1.53 6.19	40.26 -1.52 2.79	51.08 -2.35 0.00	56.93 -1.70 0.00	55.47 -0.84 0.00	56.04 -0.28 0.00	46.89 -0.38 0.01	39.12 -0.84 0.01	34.91 0.00 0.00
HUNTLEY___67 23561	13.97 -0.50 -1.55	13.35 -0.47 -2.08	11.19 -0.51 -1.04	10.45 -0.43 -0.88	10.73 -0.45 -0.86	14.42 -0.63 -0.72	22.18 -1.70 0.00	22.74 -1.89 4.47	23.35 -1.70 3.27	24.66 -1.92 0.47	24.53 -2.09 2.85	27.26 -2.10 1.56	26.02 -2.03 4.70	27.83 -2.17 8.01	29.57 -2.25 6.93	32.19 -2.05 6.04	39.70 -2.14 2.72	50.81 -2.62 0.00	56.70 -1.93 0.00	55.19 -1.13 0.00	55.81 -0.51 0.00	46.65 -0.61 0.01	38.96 -1.00 0.01	34.73 -0.17 0.00
HUNTLEY___68 23562	13.97 -0.50 -1.55	13.35 -0.47 -2.08	11.19 -0.51 -1.04	10.45 -0.43 -0.88	10.73 -0.45 -0.86	14.42 -0.63 -0.72	22.18 -1.70 0.00	22.74 -1.89 4.47	23.35 -1.70 3.27	24.66 -1.92 0.47	24.53 -2.09 2.85	27.26 -2.10 1.56	26.02 -2.03 4.70	27.83 -2.17 8.01	29.57 -2.25 6.93	32.19 -2.05 6.04	39.70 -2.14 2.72	50.81 -2.62 0.00	56.70 -1.93 0.00	55.19 -1.13 0.00	55.81 -0.51 0.00	46.65 -0.61 0.01	38.96 -1.00 0.01	34.73 -0.17 0.00



HYLAND___LFGE 323620	14.82 0.18 -1.72	14.08 0.13 -2.20	11.89 0.08 -1.15	11.11 0.10 -1.00	11.40 0.09 -0.98	15.31 0.16 -0.82	23.76 -0.12 0.00	45.68 -1.28 -17.85	40.13 -1.56 -13.36	27.02 -1.97 -1.94	38.90 -2.24 -11.66	35.10 -2.19 -6.38	49.62 -2.32 -19.19	54.95 -2.51 -19.45	53.96 -2.56 -17.77	63.00 -1.97 -24.68	53.87 -1.83 -11.13	52.41 -1.02 0.00	59.45 0.82 0.00	58.57 2.25 0.00	59.64 3.32 0.00	49.54 2.27 0.01	41.12 1.16 0.01	37.17 2.27 0.00
INDECK___CORINTH 23802	27.72 0.97 -13.82	24.24 0.85 -11.65	23.70 0.79 -12.25	19.47 0.73 -8.74	19.63 0.75 -8.55	28.04 1.12 -12.59	34.54 1.72 -8.95	35.52 1.83 -4.58	30.11 1.79 0.00	28.57 1.51 0.00	31.01 1.53 0.00	32.62 1.70 0.00	33.44 0.69 0.00	36.25 0.80 2.56	37.64 0.93 2.03	41.30 1.01 0.00	45.68 1.11 0.00	55.35 1.92 0.00	61.33 2.70 0.00	61.39 2.76 -2.32	58.68 2.36 0.00	55.16 2.13 -5.75	41.56 1.60 0.01	36.37 1.47 0.00
INDECK___ILION 23567	13.32 0.08 -0.32	13.55 0.07 -1.73	10.99 0.06 -0.26	9.83 0.05 0.22	10.16 0.05 0.22	14.28 0.11 0.17	23.90 0.02 0.00	29.02 -0.09 0.00	28.24 -0.08 0.00	26.95 -0.11 0.00	29.39 -0.09 0.00	30.83 -0.09 0.00	32.62 -0.13 0.00	34.86 -0.15 3.01	36.25 -0.12 2.38	40.13 -0.16 0.00	44.43 -0.13 0.00	53.32 -0.11 0.00	59.10 0.47 0.00	56.99 0.68 0.00	56.77 0.45 0.00	47.45 0.19 0.02	40.04 0.08 0.02	35.08 0.17 0.00
INDECK___OLEAN 23982	14.02 -0.75 -1.85	13.34 -0.70 -2.30	11.19 -0.70 -1.23	10.47 -0.63 -1.10	10.78 -0.62 -1.08	14.35 -0.87 -0.90	22.56 -1.31 0.00	26.83 -1.31 0.96	26.61 -1.13 0.58	25.68 -1.30 0.08	27.56 -1.41 0.50	29.32 -1.33 0.27	30.38 -1.54 0.83	32.63 -1.86 3.53	33.88 -1.97 2.90	37.03 -2.26 1.00	41.26 -2.85 0.45	51.93 -1.50 0.00	57.75 -0.88 0.00	56.37 0.06 0.00	56.72 0.40 0.00	47.17 -0.09 0.01	39.40 -0.56 0.01	35.25 0.35 0.00
INDECK___OSWEGO 23783	13.51 -0.12 -0.71	13.02 -0.11 -1.38	11.06 -0.10 -0.49	10.17 -0.10 -0.27	10.49 -0.10 -0.26	14.41 -0.14 -0.23	23.37 -0.50 0.00	28.41 -0.70 0.00	27.67 -0.65 0.00	26.33 -0.73 0.00	28.69 -0.79 0.00	30.06 -0.87 0.00	31.83 -0.92 0.00	37.94 -1.02 -0.95	38.45 -1.04 -0.75	39.28 -1.01 0.00	43.14 -1.43 0.00	51.72 -1.71 0.00	57.40 -1.23 0.00	55.30 -1.01 0.00	55.31 -1.01 0.00	46.34 -0.95 0.00	39.33 -0.64 0.00	34.45 -0.45 0.00
INDECK___YERKES 23781	14.05 -0.40 -1.53	13.42 -0.39 -2.06	11.29 -0.41 -1.03	10.51 -0.36 -0.86	10.82 -0.35 -0.84	14.51 -0.53 -0.70	22.23 -1.65 0.00	22.94 -1.63 4.54	23.55 -1.39 3.39	24.81 -1.76 0.49	24.85 -1.68 2.95	27.64 -1.67 1.61	26.29 -1.60 4.86	28.19 -1.63 8.19	29.92 -1.74 7.09	32.76 -1.41 6.11	40.25 -1.56 2.76	51.19 -2.24 0.00	56.93 -1.70 0.00	55.64 -0.67 0.00	56.37 0.06 0.00	46.94 -0.33 0.01	39.24 -0.72 0.01	34.98 0.07 0.00
INDIAN POINT_GT_1 24139	23.67 1.14 -9.61	20.84 1.05 -8.05	17.86 0.92 -6.27	17.77 0.84 -6.93	17.97 0.87 -6.78	21.19 1.25 -5.61	25.76 1.89 0.00	31.23 2.12 0.00	30.30 1.98 0.00	29.06 2.00 0.00	31.66 2.18 0.00	33.18 2.26 0.00	35.08 2.33 0.00	38.33 2.62 2.31	39.67 2.71 1.79	42.71 2.42 0.00	47.33 2.76 0.00	56.58 3.15 0.00	62.56 3.93 0.00	60.09 3.77 0.00	59.30 2.98 0.00	49.06 1.80 0.01	41.84 1.88 0.01	36.83 1.92 0.00
INDIAN POINT_GT_2 23659	23.67 1.14 -9.61	20.84 1.05 -8.05	17.86 0.92 -6.27	17.77 0.84 -6.93	17.97 0.87 -6.78	21.19 1.25 -5.61	25.76 1.89 0.00	31.23 2.12 0.00	30.30 1.98 0.00	29.06 2.00 0.00	31.66 2.18 0.00	33.18 2.26 0.00	35.08 2.33 0.00	38.33 2.62 2.31	39.67 2.71 1.79	42.71 2.42 0.00	47.33 2.76 0.00	56.58 3.15 0.00	62.56 3.93 0.00	60.09 3.77 0.00	59.30 2.98 0.00	49.06 1.80 0.01	41.84 1.88 0.01	36.83 1.92 0.00
INDIAN POINT_GT_3 24019	23.67 1.14 -9.61	20.84 1.05 -8.05	17.86 0.92 -6.27	17.77 0.84 -6.93	17.97 0.87 -6.78	21.19 1.25 -5.61	25.76 1.89 0.00	31.23 2.12 0.00	30.30 1.98 0.00	29.06 2.00 0.00	31.66 2.18 0.00	33.18 2.26 0.00	35.08 2.33 0.00	38.33 2.62 2.31	39.67 2.71 1.79	42.71 2.42 0.00	47.33 2.76 0.00	56.58 3.15 0.00	62.56 3.93 0.00	60.09 3.77 0.00	59.30 2.98 0.00	49.06 1.80 0.01	41.84 1.88 0.01	36.83 1.92 0.00
INDIAN POINT___2 23530	23.55 1.12 -9.50	20.74 1.02 -7.97	17.74 0.87 -6.21	17.67 0.82 -6.85	17.88 0.86 -6.70	21.09 1.22 -5.55	25.74 1.86 0.00	31.17 2.07 0.00	30.22 1.90 0.00	29.01 1.95 0.00	31.54 2.06 0.00	33.09 2.16 0.00	35.04 2.29 0.00	38.26 2.55 2.30	39.63 2.67 1.79	42.62 2.34 0.00	47.20 2.63 0.00	56.74 3.31 0.00	62.79 4.16 0.00	60.03 3.72 0.00	59.08 2.76 0.00	48.92 1.65 0.01	41.72 1.76 0.01	36.75 1.85 0.00
INDIAN POINT___3 23531	23.66 1.12 -9.61	20.84 1.03 -8.06	17.84 0.90 -6.28	17.76 0.83 -6.93	17.95 0.85 -6.78	21.16 1.22 -5.61	25.74 1.86 0.00	31.17 2.07 0.00	30.25 1.93 0.00	29.01 1.95 0.00	31.60 2.12 0.00	33.12 2.20 0.00	35.01 2.26 0.00	38.22 2.51 2.31	39.55 2.60 1.79	42.58 2.30 0.00	47.20 2.63 0.00	56.48 3.05 0.00	62.38 3.75 0.00	59.97 3.66 0.00	59.13 2.82 0.00	48.92 1.65 0.01	41.76 1.80 0.01	36.76 1.85 0.00
INGHAM_C_115KV_TB7 356103	13.11 -0.13 -0.32	13.36 -0.12 -1.73	10.82 -0.11 -0.26	9.67 -0.11 0.22	9.99 -0.11 0.22	14.08 -0.09 0.17	23.59 -0.29 0.00	28.64 -0.47 0.00	27.93 -0.40 0.00	26.68 -0.38 0.00	29.13 -0.35 0.00	30.58 -0.34 0.00	32.32 -0.43 0.00	34.55 -0.46 3.01	35.90 -0.46 2.38	39.72 -0.56 0.00	44.03 -0.53 0.00	52.84 -0.59 0.00	58.69 0.06 0.00	56.65 0.34 0.00	56.37 0.06 0.00	47.12 -0.14 0.02	39.76 -0.20 0.02	34.84 -0.07 0.00
IP CORINTH___1 23988	27.72 0.97 -13.82	24.24 0.85 -11.65	23.71 0.80 -12.25	19.47 0.73 -8.74	19.63 0.75 -8.55	28.04 1.12 -12.59	34.54 1.72 -8.95	35.52 1.83 -4.58	30.11 1.78 0.00	28.57 1.52 0.00	31.07 1.59 0.00	32.59 1.67 0.00	33.60 0.85 0.00	36.48 1.03 2.56	37.88 1.16 2.03	41.58 1.29 0.00	45.91 1.34 0.00	55.51 2.08 0.00	61.50 2.87 0.00	61.73 3.10 -2.32	59.08 2.76 0.00	55.35 2.32 -5.75	41.80 1.84 0.01	36.62 1.71 0.00
IP___TICONDEROGA 23804	28.28 1.40 -13.97	24.74 1.21 -11.79	24.39 1.10 -12.63	19.73 1.00 -8.73	19.90 1.03 -8.54	28.99 1.59 -13.07	36.14 2.53 -9.74	36.77 2.68 -4.99	30.98 2.66 0.00	29.28 2.22 0.00	31.84 2.36 0.00	33.43 2.50 0.00	34.58 1.83 0.00	37.81 2.36 2.56	39.31 2.60 2.03	43.19 2.90 0.00	48.18 3.61 0.00	58.67 5.24 0.00	65.37 6.74 0.00	65.82 6.98 -2.53	62.96 6.65 0.00	58.90 5.39 -6.23	44.12 4.16 0.01	38.43 3.53 0.00
ISLIP_RES_REC 323679	25.87 1.64 -11.31	21.36 1.49 -8.12	18.30 1.30 -6.34	18.20 1.20 -7.00	18.42 1.25 -6.85	22.68 1.91 -6.44	27.62 2.79 -0.95	32.32 3.20 -0.01	31.14 2.80 -0.01	29.86 2.79 -0.01	32.28 2.77 -0.03	33.89 2.94 -0.03	38.18 3.01 -2.42	40.16 3.19 1.05	42.00 3.41 0.16	45.41 3.06 -2.06	49.02 3.12 -1.33	63.80 3.37 -7.00	72.18 4.45 -9.10	69.13 4.28 -8.54	66.35 2.59 -7.44	52.75 1.61 -3.86	43.68 1.96 -1.75	38.66 2.41 -1.35

JAMAICA__27_KV_LOAD 355505	23.93 1.32 -9.69	21.08 1.22 -8.11	18.04 1.05 -6.33	17.95 0.96 -6.98	18.14 0.98 -6.83	21.42 1.43 -5.66	26.12 2.24 0.00	31.67 2.56 0.00	30.67 2.35 0.00	29.41 2.35 0.00	32.26 2.77 -0.01	33.76 2.81 -0.02	35.68 2.91 -0.02	39.02 3.31 2.30	41.78 3.49 0.46	43.52 3.22 -0.01	48.18 3.61 0.00	57.60 4.17 0.00	63.62 4.98 0.00	60.93 4.62 0.00	60.04 3.72 0.00	49.59 2.32 0.01	42.44 2.48 0.01	37.35 2.44 0.00
JANIS__SOLAR 323808	16.18 0.48 -2.78	15.15 0.41 -3.00	12.87 0.36 -1.84	12.10 0.30 -1.79	12.41 0.33 -1.76	16.36 0.57 -1.46	24.57 0.69 0.00	31.35 0.76 -1.49	30.10 0.65 -1.12	27.44 0.22 -0.16	30.72 0.26 -0.98	31.74 0.28 -0.54	34.69 0.33 -1.61	38.13 0.57 0.45	39.28 0.70 0.16	43.74 1.29 -2.16	47.37 1.83 -0.97	56.26 2.83 0.00	62.56 3.93 0.00	60.71 4.40 0.00	60.77 4.45 0.00	50.63 3.36 0.01	42.28 2.32 0.01	36.93 2.02 0.00
JARVIS____ 23743	13.46 0.22 -0.32	13.68 0.20 -1.73	11.10 0.17 -0.26	9.94 0.16 0.22	10.27 0.16 0.22	14.41 0.24 0.17	24.09 0.21 0.00	29.22 0.12 0.00	28.41 0.09 0.00	27.09 0.03 0.00	29.51 0.03 0.00	30.95 0.03 0.00	32.75 0.00 0.00	35.01 0.00 3.01	36.40 0.04 2.38	40.29 0.00 0.00	44.61 0.04 0.00	53.54 0.11 0.00	59.28 0.65 0.00	57.04 0.73 0.00	56.77 0.45 0.00	47.50 0.24 0.01	40.12 0.16 0.01	35.18 0.28 0.00
JENNISON____1 23625	16.83 0.49 -3.41	15.66 0.43 -3.48	13.31 0.39 -2.25	12.61 0.33 -2.27	12.90 0.35 -2.22	16.81 0.63 -1.85	24.69 0.81 0.00	30.81 0.90 -0.80	29.70 0.82 -0.56	27.63 0.49 -0.08	30.59 0.62 -0.49	31.87 0.68 -0.27	34.30 0.75 -0.80	37.51 1.06 1.57	38.84 1.24 1.15	42.89 1.57 -1.03	47.08 2.05 -0.46	56.21 2.78 0.00	62.56 3.93 0.00	60.54 4.22 0.00	60.49 4.17 0.00	50.34 3.07 0.01	42.16 2.20 0.01	36.93 2.02 0.00
JENNISON____2 23626	16.83 0.49 -3.41	15.66 0.43 -3.48	13.31 0.39 -2.25	12.61 0.33 -2.27	12.90 0.35 -2.22	16.81 0.63 -1.85	24.69 0.81 0.00	30.81 0.90 -0.80	29.70 0.82 -0.56	27.63 0.49 -0.08	30.59 0.62 -0.49	31.87 0.68 -0.27	34.30 0.75 -0.80	37.51 1.06 1.57	38.84 1.24 1.15	42.89 1.57 -1.03	47.08 2.05 -0.46	56.21 2.78 0.00	62.56 3.93 0.00	60.54 4.22 0.00	60.49 4.17 0.00	50.34 3.07 0.01	42.16 2.20 0.01	36.93 2.02 0.00
JERICOHO_RISE_WT_PWR 323719	11.84 -0.39 0.69	9.16 -0.38 2.20	9.79 -0.36 0.51	9.67 -0.34 0.00	9.98 -0.35 0.00	13.83 -0.49 0.02	23.33 -0.55 0.00	28.67 -0.44 0.00	28.01 -0.31 0.00	26.95 -0.11 0.00	29.51 0.03 0.00	30.99 0.06 0.00	32.91 0.16 0.00	37.40 0.15 0.77	38.26 0.12 0.61	40.33 0.04 0.00	44.57 0.00 0.00	53.54 0.11 0.00	58.34 -0.29 0.00	55.86 -0.45 0.00	56.04 -0.28 0.00	47.04 -0.24 0.00	39.65 -0.32 0.00	34.35 -0.56 0.00
KATONAH__115KV_46KV_TB4 355592	23.87 1.16 -9.78	21.01 1.08 -8.19	17.99 0.94 -6.39	17.94 0.88 -7.06	18.14 0.91 -6.90	21.34 1.29 -5.72	25.83 1.96 0.00	31.32 2.21 0.00	30.42 2.10 0.00	29.17 2.11 0.00	31.78 2.30 0.00	33.34 2.41 0.00	35.24 2.49 0.00	38.54 2.85 2.32	39.85 2.94 1.84	42.99 2.70 0.00	47.64 3.08 0.00	57.01 3.58 0.00	63.15 4.51 0.00	60.59 4.28 0.00	59.87 3.55 0.00	49.49 2.22 0.01	42.12 2.16 0.01	37.04 2.13 0.00
KCE_NY_1 323755	28.01 0.92 -14.17	24.54 0.81 -11.99	24.55 0.73 -13.16	19.39 0.67 -8.71	19.55 0.70 -8.53	29.09 1.02 -13.75	36.25 1.53 -10.85	36.26 1.60 -5.56	29.74 1.42 0.00	28.25 1.19 0.00	30.66 1.18 0.00	32.19 1.27 0.00	33.80 1.05 0.00	36.71 1.25 2.56	38.08 1.36 2.03	41.74 1.45 0.00	46.30 1.74 0.00	56.05 2.62 0.00	62.15 3.52 0.00	62.68 3.55 -2.82	59.47 3.15 0.00	56.74 2.55 -6.91	42.00 2.04 0.01	36.75 1.85 0.00
KCE_NY_6_ESR 323823	14.05 -0.50 -1.63	13.40 -0.48 -2.14	11.27 -0.49 -1.09	10.50 -0.44 -0.94	10.81 -0.43 -0.92	14.47 -0.63 -0.77	22.35 -1.53 0.00	22.24 -1.63 5.23	22.96 -1.42 3.95	24.89 -1.60 0.57	24.33 -1.71 3.44	27.37 -1.67 1.88	25.38 -1.70 5.67	27.09 -1.82 9.10	28.94 -1.90 7.91	31.43 -1.77 7.09	39.46 -1.92 3.20	51.72 -1.71 0.00	57.63 -1.00 0.00	56.26 -0.06 0.00	56.88 0.56 0.00	47.32 0.05 0.01	39.52 -0.44 0.01	35.18 0.28 0.00
KEDC PORT_JEFF_GT2 24210	25.81 1.59 -11.30	21.31 1.44 -8.12	18.26 1.26 -6.34	18.17 1.17 -7.00	18.38 1.21 -6.85	22.60 1.83 -6.44	27.50 2.67 -0.95	32.17 3.06 -0.01	30.99 2.66 -0.01	29.72 2.65 -0.01	32.01 2.50 -0.03	33.64 2.69 -0.03	37.84 2.72 -2.37	39.79 2.85 1.07	41.58 3.02 0.19	45.01 2.70 -2.02	48.46 2.58 -1.31	65.86 2.30 -10.13	75.37 3.28 -13.46	72.00 3.15 -12.54	68.65 1.46 -10.87	53.26 0.66 -5.32	43.44 1.52 -1.95	38.29 2.06 -1.32
KEDC PORT_JEFF_GT3 24211	25.81 1.59 -11.30	21.31 1.44 -8.12	18.26 1.26 -6.34	18.17 1.17 -7.00	18.38 1.21 -6.85	22.60 1.83 -6.44	27.50 2.67 -0.95	32.17 3.06 -0.01	30.99 2.66 -0.01	29.72 2.65 -0.01	32.01 2.50 -0.03	33.64 2.69 -0.03	37.84 2.72 -2.37	39.79 2.85 1.07	41.58 3.02 0.19	45.01 2.70 -2.02	48.46 2.58 -1.31	65.86 2.30 -10.13	75.37 3.28 -13.46	72.00 3.15 -12.54	68.65 1.46 -10.87	53.26 0.66 -5.32	43.44 1.52 -1.95	38.29 2.06 -1.32
KEDC_GLWD_GT4 24219	26.71 1.34 -12.44	21.11 1.23 -8.13	18.07 1.06 -6.35	18.01 1.00 -7.00	18.21 1.03 -6.85	22.80 1.48 -7.00	27.74 2.24 -1.62	31.68 2.56 -0.02	30.74 2.41 -0.02	29.51 2.44 -0.02	32.15 2.56 -0.11	33.76 2.72 -0.11	45.31 2.72 -9.84	43.93 3.04 -2.87	46.78 3.10 -4.93	51.42 2.74 -8.39	53.06 3.07 -5.42	59.88 3.85 -2.60	64.35 4.69 -1.03	62.24 4.17 -1.75	61.63 3.32 -1.99	53.05 2.13 -3.64	47.51 2.20 -5.35	42.80 2.37 -5.52
KEDC_GLWD_GT5 24220	26.71 1.34 -12.44	21.11 1.23 -8.13	18.07 1.06 -6.35	18.01 1.00 -7.00	18.21 1.03 -6.85	22.80 1.48 -7.00	27.74 2.24 -1.62	31.68 2.56 -0.02	30.74 2.41 -0.02	29.51 2.44 -0.02	32.15 2.56 -0.11	33.76 2.72 -0.11	45.31 2.72 -9.84	43.93 3.04 -2.87	46.78 3.10 -4.93	51.42 2.74 -8.39	53.06 3.07 -5.42	59.88 3.85 -2.60	64.35 4.69 -1.03	62.24 4.17 -1.75	61.63 3.32 -1.99	53.05 2.13 -3.64	47.51 2.20 -5.35	42.80 2.37 -5.52
KENSICO____ 23655	23.76 1.16 -9.67	20.92 1.07 -8.10	17.92 0.94 -6.32	17.84 0.86 -6.97	18.04 0.89 -6.82	21.26 1.28 -5.65	25.83 1.96 0.00	31.29 2.18 0.00	30.36 2.04 0.00	29.14 2.08 0.00	31.75 2.27 0.00	33.27 2.35 0.00	35.17 2.42 0.00	38.44 2.74 2.31	39.79 2.83 1.79	42.83 2.54 0.00	47.42 2.85 0.00	56.74 3.31 0.00	62.74 4.10 0.00	60.26 3.94 0.00	59.42 3.10 0.00	49.11 1.84 0.01	41.92 1.96 0.01	36.90 1.99 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	23.12 1.18 -9.02	20.43 1.07 -7.61	17.43 0.87 -5.89	17.34 0.85 -6.49	17.56 0.89 -6.35	20.79 1.20 -5.26	25.74 1.86 0.00	31.05 1.95 0.00	30.22 1.90 0.00	28.87 1.81 0.00	31.48 2.00 0.00	33.06 2.13 0.00	35.11 2.36 0.00	38.49 2.74 2.26	39.86 2.91 1.79	43.11 2.82 0.00	47.91 3.34 0.00	57.60 4.17 0.00	63.85 5.22 0.00	61.27 4.96 0.00	60.71 4.39 0.00	50.06 2.79 0.01	42.52 2.56 0.01	37.49 2.58 0.00

KLAC_JFK_GT1 23816	23.86 1.25 -9.69	21.01 1.15 -8.11	17.98 0.99 -6.33	17.90 0.91 -6.98	18.09 0.93 -6.83	21.34 1.35 -5.66	26.00 2.12 0.00	31.49 2.39 0.00	30.50 2.18 0.00	29.28 2.22 0.00	32.12 2.62 -0.01	33.48 2.54 -0.02	35.39 2.62 -0.02	38.64 2.93 2.30	41.39 3.10 0.46	43.12 2.82 -0.01	47.73 3.16 0.00	57.06 3.63 0.00	62.97 4.34 0.00	60.37 4.05 0.00	59.47 3.15 0.00	49.11 1.84 0.01	42.00 2.04 0.01	37.00 2.09 0.00
KIAC_JFK_GT2 23817	23.86 1.25 -9.69	21.01 1.15 -8.11	17.98 0.99 -6.33	17.90 0.91 -6.98	18.09 0.93 -6.83	21.34 1.35 -5.66	26.00 2.12 0.00	31.49 2.39 0.00	30.50 2.18 0.00	29.28 2.22 0.00	32.12 2.62 -0.01	33.48 2.54 -0.02	35.39 2.62 -0.02	38.64 2.93 2.30	41.39 3.10 0.46	43.12 2.82 -0.01	47.73 3.16 0.00	57.06 3.63 0.00	62.97 4.34 0.00	60.37 4.05 0.00	59.47 3.15 0.00	49.11 1.84 0.01	42.00 2.04 0.01	37.00 2.09 0.00
KIAC_JFK____ 323774	23.86 1.25 -9.69	21.01 1.15 -8.11	17.95 0.96 -6.33	17.90 0.91 -6.98	18.09 0.93 -6.83	21.34 1.35 -5.66	26.00 2.12 0.00	31.49 2.39 0.00	30.50 2.18 0.00	29.28 2.22 0.00	31.97 2.48 -0.01	33.42 2.47 -0.02	35.42 2.65 -0.02	38.68 2.97 2.30	41.47 3.18 0.46	43.12 2.82 -0.01	47.64 3.07 0.00	57.38 3.95 0.00	63.44 4.81 0.00	60.42 4.11 0.00	59.36 3.04 0.00	49.07 1.80 0.01	42.00 2.04 0.01	36.96 2.06 0.00
KINTIGH__24_KV_GSU 356498	13.92 -0.34 -1.34	13.37 -0.29 -1.92	11.25 -0.32 -0.90	10.44 -0.28 -0.72	10.75 -0.28 -0.70	14.49 -0.43 -0.59	22.42 -1.46 0.00	24.56 -1.69 2.85	24.74 -1.47 2.10	25.05 -1.70 0.31	25.81 -1.83 1.84	28.06 -1.85 1.01	27.79 -1.93 3.03	29.88 -1.98 6.15	31.40 -2.09 5.25	34.71 -1.69 3.89	40.98 -1.83 1.75	50.81 -2.62 0.00	56.52 -2.11 0.00	54.96 -1.35 0.00	55.87 -0.45 0.00	46.56 -0.71 0.01	39.00 -0.96 0.01	34.73 -0.17 0.00
KINTIGH____ 23543	13.92 -0.34 -1.34	13.37 -0.29 -1.92	11.23 -0.34 -0.90	10.44 -0.28 -0.72	10.72 -0.31 -0.70	14.49 -0.43 -0.59	22.42 -1.46 0.00	24.56 -1.69 2.85	24.72 -1.50 2.10	25.05 -1.70 0.31	25.75 -1.89 1.84	28.03 -1.89 1.01	27.83 -1.90 3.03	29.92 -1.94 6.15	31.48 -2.01 5.25	34.68 -1.69 3.91	41.07 -1.74 1.76	50.81 -2.62 0.00	56.58 -2.05 0.00	54.96 -1.35 0.00	55.76 -0.56 0.00	46.56 -0.71 0.02	38.96 -1.00 0.02	34.66 -0.24 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	12.01 -0.22 0.69	9.32 -0.22 2.20	9.92 -0.23 0.51	9.78 -0.23 0.00	10.10 -0.23 0.00	13.97 -0.34 0.02	23.61 -0.26 0.00	29.08 -0.03 0.00	28.44 0.11 0.00	27.41 0.35 0.00	30.04 0.56 0.00	31.57 0.65 0.00	33.60 0.85 0.00	38.24 0.99 0.77	39.07 0.93 0.61	41.21 0.93 0.00	45.55 0.98 0.00	55.03 1.60 0.00	60.04 1.41 0.00	57.33 1.01 0.00	57.44 1.13 0.00	48.03 0.76 0.00	40.41 0.44 0.00	34.94 0.03 0.00
LACHUTE__HYDRO 323717	28.29 1.40 -13.97	24.74 1.21 -11.79	24.39 1.10 -12.63	19.73 1.00 -8.73	19.91 1.04 -8.54	28.99 1.59 -13.07	36.14 2.53 -9.74	36.77 2.68 -4.99	30.98 2.66 0.00	29.28 2.22 0.00	31.75 2.27 0.00	33.49 2.57 0.00	34.55 1.80 0.00	37.81 2.36 2.56	39.27 2.56 2.03	43.19 2.90 0.00	48.22 3.66 0.00	58.82 5.39 0.00	65.49 6.86 0.00	65.82 6.98 -2.53	62.96 6.64 0.00	59.04 5.53 -6.23	44.12 4.16 0.01	38.43 3.52 0.00
LAWRNCV__115KV_TB1 80681	11.87 -0.63 0.42	9.83 -0.58 1.34	9.83 -0.52 0.31	9.51 -0.50 0.00	9.82 -0.51 0.00	13.65 -0.67 0.01	23.04 -0.84 0.00	28.32 -0.79 0.00	27.59 -0.74 0.00	26.38 -0.68 0.00	28.89 -0.59 0.00	30.34 -0.59 0.00	32.23 -0.52 0.00	36.45 -0.57 1.00	37.34 -0.62 0.79	39.60 -0.68 0.00	43.86 -0.71 0.00	52.74 -0.69 0.00	57.46 -1.17 0.00	55.02 -1.30 0.00	55.36 -0.96 0.00	46.61 -0.66 0.01	39.41 -0.56 0.01	34.00 -0.91 0.00
LEDERLE____ 23769	23.48 1.15 -9.41	20.71 1.06 -7.91	17.73 0.92 -6.15	17.63 0.85 -6.78	17.84 0.88 -6.63	21.07 1.25 -5.49	25.81 1.93 0.00	31.23 2.12 0.00	30.30 1.98 0.00	29.06 2.00 0.00	31.66 2.18 0.00	33.21 2.29 0.00	35.14 2.39 0.00	38.39 2.66 2.29	39.68 2.75 1.82	42.75 2.46 0.00	47.33 2.76 0.00	56.69 3.26 0.00	62.62 3.99 0.00	60.20 3.89 0.00	59.36 3.04 0.00	49.11 1.84 0.01	41.88 1.92 0.01	36.90 1.99 0.00
LIGHTHSE__115KV_TB6 355974	13.66 0.05 -0.68	13.14 0.05 -1.35	11.17 0.03 -0.48	10.27 0.01 -0.25	10.60 0.02 -0.25	14.60 0.06 -0.21	23.66 -0.21 0.00	28.75 -0.35 0.00	27.95 -0.37 0.00	26.52 -0.54 0.00	28.95 -0.53 0.00	30.46 -0.46 0.00	32.29 -0.46 0.00	36.99 -0.46 0.57	37.83 -0.46 0.45	39.93 -0.36 0.00	44.26 -0.31 0.00	53.11 -0.32 0.00	58.98 0.35 0.00	57.10 0.79 0.00	57.22 0.90 0.00	47.89 0.61 0.00	40.25 0.28 0.00	35.19 0.28 0.00
LINDEN COGEN____ 23786	23.80 1.19 -9.69	20.96 1.10 -8.11	17.92 0.93 -6.33	17.87 0.88 -6.98	18.06 0.90 -6.83	21.28 1.29 -5.66	25.83 1.96 0.00	31.29 2.18 0.00	30.36 2.04 0.00	29.22 2.17 0.00	31.79 2.30 -0.01	33.38 2.44 -0.02	35.39 2.62 -0.02	38.57 2.85 2.30	41.47 3.18 0.46	42.96 2.66 -0.01	47.60 3.03 0.00	57.11 3.68 0.00	63.09 4.45 0.00	60.14 3.83 0.00	59.13 2.81 0.01	48.82 1.56 0.02	41.83 1.88 0.02	36.93 2.02 0.00
LINDHRST_69_KV_BK1 356055	25.96 1.56 -11.48	21.30 1.43 -8.13	18.26 1.26 -6.34	18.17 1.17 -7.00	18.37 1.20 -6.85	22.61 1.75 -6.53	27.58 2.65 -1.05	32.14 3.03 -0.01	31.11 2.78 -0.01	29.83 2.76 -0.01	32.45 2.92 -0.05	34.00 3.03 -0.05	40.01 3.24 -4.01	41.31 3.50 0.21	43.20 3.53 -0.93	46.81 3.10 -3.42	50.12 3.34 -2.21	58.18 3.69 -1.06	63.63 4.57 -0.42	61.65 4.62 -0.72	60.73 3.60 -0.81	51.16 2.41 -1.47	44.66 2.52 -2.17	40.05 2.90 -2.24
LIPA_MISC_IPP 23656	25.72 1.51 -11.29	21.26 1.39 -8.13	18.23 1.23 -6.34	18.11 1.11 -7.00	18.32 1.15 -6.85	22.57 1.81 -6.43	27.35 2.53 -0.94	31.97 2.85 -0.01	30.74 2.41 -0.01	29.45 2.38 -0.01	31.90 2.39 -0.03	33.43 2.47 -0.03	37.35 2.49 -2.11	39.35 2.55 1.21	40.98 2.60 0.37	44.22 2.14 -1.80	48.00 2.27 -1.16	60.76 2.24 -5.09	68.26 3.11 -6.52	66.07 3.60 -6.15	63.55 1.86 -5.37	51.21 1.04 -2.89	42.86 1.44 -1.45	38.14 2.06 -1.17
LISF__SOLAR 323691	25.75 1.54 -11.29	21.27 1.40 -8.12	18.22 1.22 -6.34	18.12 1.12 -7.00	18.34 1.17 -6.85	22.60 1.83 -6.44	27.40 2.58 -0.94	32.02 2.91 -0.01	30.74 2.41 -0.01	29.48 2.41 -0.01	31.87 2.36 -0.03	33.43 2.47 -0.03	37.43 2.52 -2.16	39.45 2.62 1.19	41.21 2.79 0.33	44.47 2.34 -1.84	48.16 2.41 -1.19	61.81 2.67 -5.71	69.75 3.76 -7.37	67.02 3.77 -6.93	64.28 1.92 -6.05	51.66 1.18 -3.19	42.97 1.48 -1.52	38.10 1.99 -1.20
LITTLE FALLS__HYD 24013	13.11 -0.13 -0.32	13.36 -0.12 -1.73	10.82 -0.11 -0.26	9.67 -0.11 0.22	9.99 -0.11 0.22	14.08 -0.09 0.17	23.59 -0.29 0.00	28.64 -0.47 0.00	27.93 -0.40 0.00	26.68 -0.38 0.00	29.13 -0.35 0.00	30.58 -0.34 0.00	32.32 -0.43 0.00	34.55 -0.46 3.01	35.90 -0.46 2.38	39.72 -0.56 0.00	44.03 -0.53 0.00	52.84 -0.59 0.00	58.69 0.06 0.00	56.65 0.34 0.00	56.37 0.06 0.00	47.12 -0.14 0.02	39.76 -0.20 0.02	34.84 -0.07 0.00

LITTLRIV_115KV_TB1 356100	12.05 -0.48 0.40	10.05 -0.43 1.26	9.98 -0.39 0.29	9.62 -0.39 0.00	9.93 -0.39 0.00	13.85 -0.47 0.01	23.42 -0.45 0.00	28.75 -0.35 0.00	27.98 -0.34 0.00	26.68 -0.38 0.00	29.24 -0.24 0.00	30.71 -0.22 0.00	32.62 -0.13 0.00	36.92 -0.08 1.02	37.86 -0.08 0.81	40.17 -0.12 0.00	44.52 -0.04 0.00	53.64 0.21 0.00	58.57 -0.06 0.00	56.20 -0.11 0.00	56.66 0.34 0.00	47.70 0.43 0.01	40.21 0.24 0.01	34.66 -0.24 0.00
LI_NEWBRDGE___DRP 323616	25.40 1.31 -11.17	21.08 1.21 -8.12	18.05 1.05 -6.34	18.00 1.00 -6.99	18.19 1.02 -6.84	22.17 1.46 -6.38	26.94 2.20 -0.87	31.59 2.47 -0.01	30.68 2.35 -0.01	29.40 2.33 -0.01	31.97 2.48 -0.01	33.50 2.57 -0.01	35.88 2.75 -0.38	38.89 3.00 2.13	40.20 2.98 1.53	43.23 2.62 -0.33	47.54 2.76 -0.21	56.58 3.05 -0.11	62.49 3.81 -0.05	60.10 3.72 -0.07	59.48 3.10 -0.07	49.34 1.94 -0.12	42.31 2.16 -0.18	37.52 2.41 -0.20
LOCKPORT_115KV_TB60_63_64 80432	13.87 -0.52 -1.46	13.27 -0.48 -2.01	11.13 -0.52 -0.98	10.38 -0.44 -0.81	10.65 -0.48 -0.79	14.34 -0.66 -0.66	22.16 -1.72 0.00	23.20 -1.72 4.19	23.67 -1.53 3.12	24.85 -1.76 0.45	24.86 -1.92 2.71	27.53 -1.92 1.47	26.49 -1.80 4.46	28.43 -1.86 7.73	30.14 -1.94 6.67	33.00 -1.69 5.60	40.30 -1.74 2.53	50.71 -2.72 0.00	56.64 -1.99 0.00	55.13 -1.18 0.00	55.81 -0.51 0.00	46.60 -0.66 0.01	38.88 -1.08 0.01	34.70 -0.21 0.00
LOCKPORT___CC1 323769	13.88 -0.52 -1.48	13.28 -0.48 -2.02	11.16 -0.50 -0.99	10.39 -0.44 -0.82	10.69 -0.44 -0.80	14.36 -0.64 -0.67	22.13 -1.74 0.00	22.68 -1.80 4.62	23.30 -1.59 3.44	24.75 -1.81 0.50	24.55 -1.95 2.99	27.35 -1.95 1.63	25.93 -1.90 4.92	27.78 -1.98 8.25	29.51 -2.09 7.15	32.36 -1.77 6.16	39.87 -1.92 2.78	50.71 -2.72 0.00	56.52 -2.11 0.00	55.13 -1.19 0.00	55.93 -0.39 0.00	46.56 -0.71 0.01	38.96 -1.00 0.01	34.73 -0.17 0.00
LOCKPORT___CC2 323770	13.88 -0.52 -1.48	13.28 -0.48 -2.02	11.16 -0.50 -0.99	10.39 -0.44 -0.82	10.69 -0.44 -0.80	14.36 -0.64 -0.67	22.13 -1.74 0.00	22.68 -1.80 4.62	23.30 -1.59 3.44	24.75 -1.81 0.50	24.55 -1.95 2.99	27.35 -1.95 1.63	25.93 -1.90 4.92	27.78 -1.98 8.25	29.51 -2.09 7.15	32.36 -1.77 6.16	39.87 -1.92 2.78	50.71 -2.72 0.00	56.52 -2.11 0.00	55.13 -1.19 0.00	55.93 -0.39 0.00	46.56 -0.71 0.01	38.96 -1.00 0.01	34.73 -0.17 0.00
LOCKPORT___CC3 323771	13.88 -0.52 -1.48	13.28 -0.48 -2.02	11.16 -0.50 -0.99	10.39 -0.44 -0.82	10.69 -0.44 -0.80	14.36 -0.64 -0.67	22.13 -1.74 0.00	22.68 -1.80 4.62	23.30 -1.59 3.44	24.75 -1.81 0.50	24.55 -1.95 2.99	27.35 -1.95 1.63	25.93 -1.90 4.92	27.78 -1.98 8.25	29.51 -2.09 7.15	32.36 -1.77 6.16	39.87 -1.92 2.78	50.71 -2.72 0.00	56.52 -2.11 0.00	55.13 -1.19 0.00	55.93 -0.39 0.00	46.56 -0.71 0.01	38.96 -1.00 0.01	34.73 -0.17 0.00
LOCUSVLY_69_KV_BK2 55797	26.46 1.41 -12.13	21.18 1.30 -8.13	18.15 1.14 -6.34	18.07 1.06 -7.00	18.27 1.09 -6.85	22.74 1.56 -6.84	27.70 2.39 -1.44	31.83 2.71 -0.02	30.91 2.58 -0.01	29.65 2.57 -0.02	32.34 2.77 -0.09	33.92 2.91 -0.09	43.67 3.01 -7.91	43.25 3.38 -1.85	45.80 3.45 -3.60	50.17 3.14 -6.74	52.36 3.43 -4.36	59.42 3.90 -2.09	64.21 4.75 -0.83	62.34 4.62 -1.41	61.75 3.83 -1.60	52.71 2.51 -2.92	46.82 2.56 -4.29	41.99 2.65 -4.43
LONG_LAKE_PHOENIX 24014	13.60 -0.08 -0.75	13.11 -0.07 -1.43	11.11 -0.07 -0.52	10.22 -0.08 -0.29	10.53 -0.08 -0.29	14.48 -0.10 -0.25	23.42 -0.45 0.00	28.52 -0.58 0.00	27.76 -0.57 0.00	26.44 -0.62 0.00	28.74 -0.74 0.00	30.18 -0.74 0.00	32.00 -0.75 0.00	37.41 -0.84 -0.23	38.11 -0.81 -0.18	39.56 -0.73 0.00	43.81 -0.76 0.00	52.47 -0.96 0.00	58.10 -0.53 0.00	56.03 -0.28 0.00	55.98 -0.34 0.00	46.85 -0.43 0.00	39.45 -0.52 0.00	34.56 -0.35 0.00
LOVETT___3 23632	23.50 1.11 -9.47	20.71 1.02 -7.95	17.73 0.89 -6.18	17.65 0.82 -6.82	17.84 0.84 -6.67	21.06 1.20 -5.53	25.71 1.84 0.00	31.14 2.04 0.00	30.22 1.90 0.00	28.98 1.92 0.00	31.57 2.09 0.00	33.12 2.20 0.00	35.01 2.26 0.00	38.23 2.51 2.30	39.48 2.56 1.82	42.54 2.26 0.00	47.11 2.54 0.00	56.37 2.94 0.00	62.27 3.64 0.00	59.80 3.49 0.00	59.02 2.70 0.00	48.83 1.56 0.01	41.64 1.68 0.01	36.69 1.78 0.00
LOVETT___4 23642	23.50 1.11 -9.47	20.71 1.02 -7.95	17.73 0.89 -6.18	17.65 0.82 -6.82	17.84 0.84 -6.67	21.06 1.20 -5.53	25.71 1.84 0.00	31.14 2.04 0.00	30.22 1.90 0.00	28.98 1.92 0.00	31.57 2.09 0.00	33.12 2.20 0.00	35.01 2.26 0.00	38.23 2.51 2.30	39.48 2.56 1.82	42.54 2.26 0.00	47.11 2.54 0.00	56.37 2.94 0.00	62.27 3.64 0.00	59.80 3.49 0.00	59.02 2.70 0.00	48.83 1.56 0.01	41.64 1.68 0.01	36.69 1.78 0.00
LOVETT___5 23593	23.50 1.11 -9.47	20.71 1.02 -7.95	17.73 0.89 -6.18	17.65 0.82 -6.82	17.84 0.84 -6.67	21.06 1.20 -5.53	25.71 1.84 0.00	31.14 2.04 0.00	30.22 1.90 0.00	28.98 1.92 0.00	31.57 2.09 0.00	33.12 2.20 0.00	35.01 2.26 0.00	38.23 2.51 2.30	39.48 2.56 1.82	42.54 2.26 0.00	47.11 2.54 0.00	56.37 2.94 0.00	62.27 3.64 0.00	59.80 3.49 0.00	59.02 2.70 0.00	48.83 1.56 0.01	41.64 1.68 0.01	36.69 1.78 0.00
LOWER RAQUET___HYD 24057	11.84 -0.72 0.36	9.95 -0.66 1.14	9.80 -0.60 0.27	9.42 -0.58 0.00	9.73 -0.60 0.00	13.55 -0.77 0.01	22.87 -1.00 0.00	28.11 -0.99 0.00	27.36 -0.96 0.00	26.17 -0.89 0.00	28.65 -0.83 0.00	30.09 -0.83 0.00	31.96 -0.79 0.00	36.09 -0.87 1.05	36.98 -0.93 0.83	39.32 -0.97 0.00	43.59 -0.98 0.00	52.20 -1.23 0.00	56.93 -1.70 0.00	54.74 -1.58 0.00	55.13 -1.19 0.00	46.38 -0.90 0.00	39.17 -0.80 0.00	33.79 -1.12 0.00
LOWER___HUDSON 24059	29.99 0.85 -16.21	26.52 0.76 -14.01	29.93 0.69 -18.58	19.22 0.65 -8.56	19.38 0.67 -8.38	35.87 0.95 -20.60	47.45 1.41 -22.16	41.97 1.51 -11.35	29.60 1.28 0.00	28.14 1.08 0.00	30.48 1.00 0.00	31.98 1.05 0.00	33.73 0.98 0.00	36.63 1.14 2.53	37.94 1.20 2.01	41.41 1.13 0.00	45.86 1.29 0.00	55.46 2.03 0.00	61.45 2.81 0.00	64.94 2.87 -5.75	58.68 2.36 0.00	63.70 1.84 -14.58	41.48 1.52 0.01	36.37 1.47 0.00
LOWVILLE_115KV_TB2 356335	13.29 0.03 -0.34	12.84 0.01 -1.08	10.94 0.02 -0.25	9.98 -0.03 0.00	10.31 -0.02 0.00	14.47 0.13 -0.01	23.88 0.00 0.00	28.93 -0.17 0.00	28.07 -0.25 0.00	26.52 -0.54 0.00	29.21 -0.27 0.00	30.71 -0.22 0.00	32.52 -0.23 0.00	35.99 -0.15 1.88	36.87 -0.39 1.49	40.05 -0.24 0.00	44.92 0.36 0.00	54.13 0.69 0.00	60.33 1.70 0.00	58.57 2.25 0.00	58.63 2.31 0.00	48.92 1.65 0.01	40.96 1.00 0.01	35.67 0.77 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	27.99 0.90 -14.17	24.53 0.80 -11.99	24.56 0.74 -13.16	19.39 0.67 -8.71	19.54 0.69 -8.53	29.09 1.02 -13.75	36.25 1.53 -10.85	36.26 1.60 -5.56	29.74 1.42 0.00	28.25 1.19 0.00	30.69 1.21 0.00	32.19 1.27 0.00	33.80 1.05 0.00	36.71 1.25 2.56	38.08 1.36 2.03	41.74 1.45 0.00	46.26 1.69 0.00	55.84 2.40 0.00	61.91 3.28 0.00	62.62 3.49 -2.82	59.47 3.15 0.00	56.64 2.46 -6.91	42.00 2.04 0.01	36.76 1.85 0.00

LUTHERNY_35_KV_BK2 355980	28.01 0.92 -14.17	24.54 0.81 -11.99	24.56 0.74 -13.16	19.39 0.67 -8.71	19.54 0.69 -8.53	29.09 1.02 -13.75	36.25 1.53 -10.85	36.26 1.60 -5.56	29.77 1.44 0.00	28.25 1.19 0.00	30.72 1.24 0.00	32.19 1.27 0.00	33.80 1.05 0.00	36.71 1.25 2.56	38.08 1.36 2.03	41.78 1.49 0.00	46.31 1.74 0.00	55.89 2.46 0.00	61.97 3.34 0.00	62.68 3.55 -2.82	59.53 3.21 0.00	56.69 2.51 -6.91	42.04 2.08 0.01	36.79 1.88 0.00
LWR___OSWEGATCHIE_HYD 23850	12.69 -0.30 -0.06	11.66 -0.28 -0.20	10.47 -0.25 -0.05	9.74 -0.27 0.00	10.06 -0.27 0.00	14.09 -0.24 0.00	23.40 -0.48 0.00	28.49 -0.61 0.00	27.67 -0.65 0.00	26.22 -0.84 0.00	28.80 -0.68 0.00	30.27 -0.65 0.00	32.10 -0.66 0.00	35.97 -0.65 1.40	36.82 -0.81 1.11	39.56 -0.73 0.00	44.17 -0.40 0.00	53.22 -0.21 0.00	58.98 0.35 0.00	57.10 0.79 0.00	57.28 0.96 0.00	47.93 0.66 0.01	40.16 0.20 0.01	34.84 -0.07 0.00
LYONS_FALL_HYD 23570	13.52 0.17 -0.43	13.25 0.15 -1.35	11.12 0.14 -0.32	10.10 0.09 0.00	10.43 0.10 0.00	14.61 0.27 -0.01	24.09 0.21 0.00	29.22 0.12 0.00	28.38 0.06 0.00	26.84 -0.22 0.00	29.48 0.00 0.00	30.95 0.03 0.00	32.78 0.03 0.00	35.97 0.15 2.20	37.05 0.04 1.74	40.49 0.20 0.00	45.19 0.62 0.00	54.44 1.01 0.00	60.56 1.93 0.00	58.62 2.31 0.00	58.63 2.31 0.00	48.92 1.65 0.01	41.04 1.08 0.01	35.81 0.91 0.00
MADISON___COUNTY_LFGE 323628	13.87 0.47 -0.48	13.69 0.41 -1.53	11.40 0.37 -0.36	10.33 0.32 0.00	10.66 0.33 0.00	14.91 0.57 -0.01	24.57 0.69 0.00	29.80 0.70 0.00	28.97 0.65 0.00	27.44 0.38 0.00	29.98 0.50 0.00	31.48 0.56 0.00	33.34 0.59 0.00	36.58 0.84 2.27	37.84 0.89 1.80	41.42 1.13 0.00	46.08 1.52 0.00	55.14 1.71 0.00	61.21 2.58 0.00	59.19 2.87 0.00	59.13 2.82 0.00	49.39 2.13 0.01	41.44 1.48 0.01	36.23 1.33 0.00
MALONE___115KV_TB1 356076	11.96 -0.27 0.69	9.27 -0.27 2.20	9.87 -0.28 0.51	9.74 -0.27 0.00	10.06 -0.27 0.00	13.93 -0.39 0.02	23.52 -0.36 0.00	28.96 -0.15 0.00	28.32 0.00 0.00	27.30 0.24 0.00	29.92 0.44 0.00	31.45 0.53 0.00	33.44 0.69 0.00	38.05 0.80 0.77	38.91 0.77 0.61	41.01 0.73 0.00	45.28 0.71 0.00	54.61 1.18 0.00	59.57 0.94 0.00	56.88 0.56 0.00	57.05 0.73 0.00	47.75 0.47 0.00	40.17 0.20 0.00	34.80 -0.10 0.00
MAPLEWOD_115KV_TB3 80458	24.46 0.54 -10.99	21.16 0.48 -8.94	16.83 0.45 -5.72	18.98 0.42 -8.55	19.13 0.43 -8.37	19.38 0.60 -4.45	20.69 0.84 4.02	27.86 0.81 2.06	29.03 0.71 0.00	27.71 0.65 0.00	30.16 0.68 0.00	31.63 0.71 0.00	33.34 0.59 0.00	36.23 0.72 2.51	37.49 0.74 1.99	41.01 0.73 0.00	45.37 0.80 0.00	54.39 0.96 0.00	60.16 1.52 0.00	56.96 1.69 1.04	57.56 1.24 0.00	43.32 0.76 4.72	40.68 0.72 0.01	35.64 0.73 0.00
MAPLE_RIDGE_WT_1 323574	10.58 -0.22 2.12	5.38 -0.21 6.15	8.92 -0.19 1.55	9.65 -0.18 0.18	9.97 -0.19 0.17	13.90 -0.24 0.19	23.45 -0.43 0.00	28.61 -0.49 0.00	27.93 -0.40 0.00	26.76 -0.30 0.00	29.24 -0.24 0.00	30.71 -0.21 0.00	32.52 -0.23 0.00	35.54 -0.26 2.21	36.68 -0.31 1.75	39.92 -0.36 0.00	44.17 -0.40 0.00	53.06 -0.37 0.00	58.40 -0.23 0.00	56.14 -0.17 0.00	56.04 -0.28 0.00	46.89 -0.38 0.01	39.56 -0.40 0.01	34.52 -0.38 0.00
MAPLE_RIDGE_WT_2 323611	10.58 -0.22 2.12	5.38 -0.21 6.15	8.92 -0.19 1.55	9.65 -0.18 0.18	9.97 -0.19 0.17	13.90 -0.24 0.19	23.45 -0.43 0.00	28.61 -0.49 0.00	27.93 -0.40 0.00	26.76 -0.30 0.00	29.24 -0.24 0.00	30.71 -0.21 0.00	32.52 -0.23 0.00	35.54 -0.26 2.21	36.68 -0.31 1.75	39.92 -0.36 0.00	44.17 -0.40 0.00	53.06 -0.37 0.00	58.40 -0.23 0.00	56.14 -0.17 0.00	56.04 -0.28 0.00	46.89 -0.38 0.01	39.56 -0.40 0.01	34.52 -0.38 0.00
MARBLE_RIVER_WT_PWR 323696	11.84 -0.39 0.69	9.16 -0.38 2.20	9.79 -0.36 0.51	9.66 -0.35 0.00	9.98 -0.35 0.00	13.81 -0.50 0.02	23.33 -0.55 0.00	28.67 -0.44 0.00	28.04 -0.28 0.00	26.98 -0.08 0.00	29.54 0.06 0.00	31.02 0.09 0.00	32.95 0.20 0.00	37.48 0.23 0.77	38.29 0.16 0.61	40.37 0.08 0.00	44.61 0.04 0.00	53.59 0.16 0.00	58.40 -0.23 0.00	55.92 -0.39 0.00	56.09 -0.22 0.00	47.09 -0.19 0.00	39.65 -0.32 0.00	34.35 -0.56 0.00
MARSHVLE_115KV_TB1 80742	27.69 1.00 -13.78	23.91 0.87 -11.30	21.06 0.78 -9.62	20.49 0.71 -9.77	20.62 0.73 -9.56	24.44 1.12 -8.99	27.20 1.58 -1.75	31.28 1.28 -0.90	29.31 0.99 0.00	27.76 0.70 0.00	30.19 0.71 0.00	31.48 0.56 0.00	33.37 0.62 0.00	36.28 0.84 2.57	37.68 0.97 2.04	41.54 1.25 0.00	46.26 1.69 0.00	56.05 2.62 0.00	62.79 4.16 0.00	61.95 5.18 -0.45	61.67 5.35 0.00	52.85 4.26 -1.32	43.32 3.36 0.01	37.77 2.86 0.00
MARSH_HILL_WT_PWR 323713	14.43 -0.57 -2.08	13.67 -0.55 -2.47	11.52 -0.53 -1.38	10.79 -0.49 -1.27	11.11 -0.46 -1.25	14.78 -0.59 -1.04	22.66 -1.22 0.00	45.52 -1.40 -17.81	40.43 -1.27 -13.38	27.59 -1.41 -1.94	39.78 -1.39 -11.68	35.95 -1.36 -6.39	50.47 -1.51 -19.22	55.86 -1.71 -19.56	54.83 -1.78 -17.86	63.38 -1.57 -24.67	54.18 -1.52 -11.12	52.79 -0.64 0.00	58.93 0.29 0.00	57.61 1.30 0.00	58.12 1.80 0.00	48.31 1.04 0.01	40.24 0.28 0.01	35.39 0.49 0.00
MCINTYRE_115KV_TB2 80467	12.20 -0.25 0.48	9.99 -0.22 1.53	10.12 -0.19 0.36	9.81 -0.20 0.00	10.13 -0.20 0.00	14.10 -0.21 0.01	23.88 0.00 0.00	29.31 0.20 0.00	28.49 0.17 0.00	27.19 0.14 0.00	29.75 0.27 0.00	31.23 0.31 0.00	33.18 0.43 0.00	37.60 0.53 0.95	38.58 0.58 0.75	40.81 0.52 0.00	45.24 0.67 0.00	54.55 1.12 0.00	59.51 0.88 0.00	57.16 0.84 0.00	57.67 1.35 0.00	48.60 1.32 0.01	41.01 1.04 0.01	35.36 0.45 0.00
MECO_____69_KV_BK1 80468	27.34 1.10 -13.32	23.67 0.96 -10.96	20.89 0.86 -9.36	20.20 0.79 -9.41	20.35 0.82 -9.20	24.36 1.25 -8.78	27.62 1.86 -1.88	31.84 1.78 -0.96	29.85 1.53 0.00	28.25 1.19 0.00	30.69 1.21 0.00	32.10 1.18 0.00	33.93 1.18 0.00	36.97 1.52 2.57	38.41 1.70 2.04	42.34 2.05 0.00	47.24 2.67 0.00	57.33 3.90 0.00	64.08 5.45 0.00	62.88 6.08 -0.49	62.34 6.03 0.00	53.38 4.68 -1.42	43.72 3.76 0.01	38.08 3.18 0.00
MENANDS___115KV_TB5 355628	24.33 0.48 -10.93	21.05 0.42 -8.88	16.67 0.39 -5.61	18.92 0.38 -8.54	19.07 0.39 -8.35	19.17 0.53 -4.31	20.39 0.74 4.23	27.61 0.67 2.17	28.89 0.57 0.00	27.57 0.51 0.00	30.04 0.56 0.00	31.51 0.59 0.00	33.21 0.46 0.00	36.04 0.53 2.50	37.30 0.54 1.99	40.77 0.48 0.00	45.06 0.49 0.00	54.02 0.59 0.00	59.69 1.06 0.00	56.45 1.24 1.10	57.05 0.73 0.00	42.73 0.38 4.93	40.32 0.36 0.01	35.39 0.49 0.00
MG INDUSTRY___DRP 24185	24.42 0.43 -11.07	21.19 0.39 -9.06	17.44 0.38 -6.39	18.71 0.34 -8.36	18.86 0.35 -8.18	20.19 0.52 -5.34	22.25 0.69 2.32	28.50 0.58 1.19	28.72 0.40 0.00	27.36 0.30 0.00	29.77 0.29 0.00	31.23 0.31 0.00	32.98 0.23 0.00	35.82 0.27 2.46	37.07 0.27 1.95	40.53 0.24 0.00	44.70 0.13 0.00	53.59 0.16 0.00	59.33 0.70 0.00	56.78 1.07 0.60	56.99 0.68 0.00	44.95 0.43 2.76	40.36 0.40 0.01	35.39 0.49 0.00

MID___OSWEGATCHIE_HYD 23849	12.69 -0.30 -0.06	11.66 -0.28 -0.20	10.47 -0.25 -0.05	9.74 -0.27 0.00	10.06 -0.27 0.00	14.09 -0.24 0.00	23.40 -0.48 0.00	28.49 -0.61 0.00	27.67 -0.65 0.00	26.22 -0.84 0.00	28.80 -0.68 0.00	30.27 -0.65 0.00	32.10 -0.66 0.00	35.97 -0.65 1.40	36.82 -0.81 1.11	39.56 -0.73 0.00	44.17 -0.40 0.00	53.22 -0.21 0.00	58.98 0.35 0.00	57.10 0.79 0.00	57.28 0.96 0.00	47.93 0.66 0.01	40.16 0.20 0.01	34.84 -0.07 0.00
MID___RAQUETTE_HYD 23851	11.84 -0.72 0.36	9.95 -0.66 1.14	9.80 -0.60 0.27	9.43 -0.58 0.00	9.74 -0.59 0.00	13.55 -0.77 0.01	22.87 -1.00 0.00	28.11 -0.99 0.00	27.36 -0.96 0.00	26.17 -0.89 0.00	28.68 -0.80 0.00	30.12 -0.80 0.00	31.96 -0.79 0.00	36.09 -0.87 1.05	36.98 -0.93 0.83	39.32 -0.97 0.00	43.59 -0.98 0.00	52.42 -1.02 0.00	57.11 -1.52 0.00	54.74 -1.58 0.00	55.08 -1.24 0.00	46.42 -0.85 0.01	39.17 -0.80 0.01	33.79 -1.12 0.00
MILLIKEN___1 23584	15.32 0.28 -2.12	14.50 0.26 -2.50	12.29 0.21 -1.41	11.49 0.18 -1.30	11.80 0.20 -1.28	15.69 0.30 -1.06	24.14 0.26 0.00	31.09 0.35 -1.64	29.95 0.37 -1.26	27.38 0.14 -0.18	30.72 0.15 -1.10	31.65 0.12 -0.60	34.79 0.23 -1.81	38.56 0.34 -0.20	39.52 0.39 -0.38	43.57 0.97 -2.32	46.95 1.34 -1.05	55.30 1.87 0.00	60.80 2.17 0.00	58.79 2.48 0.00	58.80 2.48 0.00	49.11 1.84 0.01	41.16 1.20 0.01	36.02 1.12 0.00
MILLIKEN___2 23585	15.32 0.28 -2.12	14.50 0.26 -2.50	12.29 0.21 -1.41	11.49 0.18 -1.30	11.80 0.20 -1.28	15.69 0.30 -1.06	24.14 0.26 0.00	31.09 0.35 -1.64	29.95 0.37 -1.26	27.38 0.14 -0.18	30.72 0.15 -1.10	31.65 0.12 -0.60	34.79 0.23 -1.81	38.56 0.34 -0.20	39.52 0.39 -0.38	43.57 0.97 -2.32	46.95 1.34 -1.05	55.30 1.87 0.00	60.80 2.17 0.00	58.79 2.48 0.00	58.80 2.48 0.00	49.11 1.84 0.01	41.16 1.20 0.01	36.02 1.12 0.00
MILLIKEN___DIESEL 23629	15.32 0.28 -2.12	14.50 0.26 -2.50	12.29 0.21 -1.41	11.49 0.18 -1.30	11.80 0.20 -1.28	15.69 0.30 -1.06	24.14 0.26 0.00	31.09 0.35 -1.64	29.95 0.37 -1.26	27.38 0.14 -0.18	30.72 0.15 -1.10	31.65 0.12 -0.60	34.79 0.23 -1.81	38.56 0.34 -0.20	39.52 0.39 -0.38	43.57 0.97 -2.32	46.95 1.34 -1.05	55.30 1.87 0.00	60.80 2.17 0.00	58.79 2.48 0.00	58.80 2.48 0.00	49.11 1.84 0.01	41.16 1.20 0.01	36.02 1.12 0.00
MILLSEAT___LFGE 323607	14.12 -0.19 -1.40	13.51 -0.20 -1.96	11.37 -0.23 -0.94	10.58 -0.19 -0.76	10.87 -0.21 -0.75	14.65 -0.30 -0.62	22.85 -1.03 0.00	24.85 -0.84 3.41	25.13 -0.65 2.54	25.72 -0.97 0.37	26.24 -1.03 2.20	28.71 -1.02 1.20	28.30 -0.82 3.63	30.60 -0.65 6.77	32.12 -0.82 5.81	35.58 -0.20 4.50	42.27 -0.27 2.04	52.79 -0.64 0.00	58.99 0.35 0.00	57.44 1.13 0.00	58.23 1.92 0.00	48.36 1.09 0.01	40.28 0.32 0.01	35.81 0.91 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	23.70 1.14 -9.64	20.87 1.05 -8.08	17.88 0.92 -6.30	17.80 0.84 -6.95	18.00 0.87 -6.80	21.21 1.25 -5.63	25.79 1.91 0.00	31.23 2.12 0.00	30.30 1.98 0.00	29.06 2.00 0.00	31.66 2.18 0.00	33.21 2.29 0.00	35.11 2.36 0.00	38.33 2.62 2.31	39.67 2.71 1.79	42.75 2.46 0.00	47.33 2.76 0.00	56.64 3.21 0.00	62.56 3.93 0.00	60.14 3.83 0.00	59.30 2.98 0.00	49.06 1.80 0.01	41.84 1.88 0.01	36.86 1.95 0.00
MILLWOOD_13_KV_LOAD 356217	23.73 1.16 -9.64	20.89 1.07 -8.08	17.90 0.94 -6.30	17.83 0.87 -6.95	18.03 0.90 -6.80	21.24 1.28 -5.63	25.83 1.96 0.00	31.32 2.21 0.00	30.39 2.07 0.00	29.14 2.08 0.00	31.78 2.30 0.00	33.31 2.38 0.00	35.21 2.46 0.00	38.48 2.78 2.31	39.82 2.87 1.79	42.91 2.62 0.00	47.51 2.94 0.00	56.85 3.42 0.00	62.85 4.22 0.00	60.37 4.05 0.00	59.58 3.27 0.00	49.25 1.99 0.01	42.00 2.04 0.01	36.97 2.06 0.00
MODEL_CITY_ENERGY 24167	13.78 -0.63 -1.49	13.20 -0.58 -2.03	11.08 -0.59 -1.00	10.32 -0.52 -0.83	10.61 -0.53 -0.81	14.24 -0.77 -0.68	21.94 -1.93 0.00	22.94 -1.89 4.27	23.47 -1.67 3.18	24.70 -1.89 0.46	24.67 -2.06 2.75	27.36 -2.07 1.49	26.18 -2.03 4.54	28.06 -2.13 7.82	29.74 -2.25 6.76	32.78 -1.93 5.57	39.91 -2.14 2.52	50.12 -3.31 0.00	55.82 -2.81 0.00	54.46 -1.86 0.00	55.25 -1.07 0.00	46.04 -1.23 0.01	38.52 -1.44 0.01	34.38 -0.52 0.00
MODERN_LFGE___ 323580	13.78 -0.63 -1.49	13.20 -0.58 -2.03	11.08 -0.59 -1.00	10.32 -0.52 -0.83	10.61 -0.53 -0.81	14.24 -0.77 -0.68	21.94 -1.93 0.00	22.94 -1.89 4.27	23.47 -1.67 3.18	24.70 -1.89 0.46	24.67 -2.06 2.75	27.36 -2.07 1.49	26.18 -2.03 4.54	28.06 -2.13 7.82	29.74 -2.25 6.76	32.78 -1.93 5.57	39.91 -2.14 2.52	50.12 -3.31 0.00	55.82 -2.81 0.00	54.46 -1.86 0.00	55.25 -1.07 0.00	46.04 -1.23 0.01	38.52 -1.44 0.01	34.38 -0.52 0.00
MOHAWK_PAPER___DRP 24187	24.46 0.54 -10.99	21.16 0.48 -8.94	16.83 0.45 -5.72	18.98 0.42 -8.55	19.13 0.43 -8.37	19.38 0.60 -4.45	20.69 0.84 4.02	27.86 0.81 2.06	29.03 0.71 0.00	27.71 0.65 0.00	30.16 0.68 0.00	31.63 0.71 0.00	33.34 0.59 0.00	36.23 0.72 2.51	37.49 0.74 1.99	41.01 0.73 0.00	45.37 0.80 0.00	54.39 0.96 0.00	60.16 1.52 0.00	56.96 1.69 1.04	57.56 1.24 0.00	43.32 0.76 4.72	40.68 0.72 0.01	35.64 0.73 0.00
MOHICAN___35_KV_115KV_LD 80490	27.99 1.02 -14.05	24.52 0.90 -11.87	24.35 0.83 -12.85	19.50 0.77 -8.72	19.65 0.78 -8.53	28.86 1.18 -13.35	35.89 1.81 -10.20	36.25 1.92 -5.22	30.22 1.90 0.00	28.68 1.62 0.00	31.16 1.68 0.00	32.69 1.76 0.00	33.80 1.05 0.00	36.75 1.29 2.56	38.15 1.43 2.03	41.82 1.53 0.00	46.26 1.69 0.00	56.00 2.56 0.00	62.15 3.52 0.00	62.68 3.72 -2.65	59.70 3.38 0.00	56.58 2.79 -6.51	42.20 2.24 0.01	36.93 2.02 0.00
MONGAUP___HYD 23641	22.70 0.93 -8.84	20.07 0.85 -7.48	17.17 0.73 -5.78	17.04 0.68 -6.35	17.27 0.72 -6.22	20.48 1.00 -5.15	25.41 1.53 0.00	30.50 1.40 0.00	29.54 1.22 0.00	28.25 1.19 0.00	30.69 1.21 0.00	32.22 1.30 0.00	34.13 1.38 0.00	37.33 1.56 2.24	38.64 1.67 1.78	41.82 1.53 0.00	46.48 1.92 0.00	55.62 2.19 0.00	61.62 2.99 0.00	59.18 2.87 0.00	58.51 2.19 0.00	48.50 1.23 0.01	41.48 1.52 0.01	36.79 1.88 0.00
MONTAUK___DIESEL 23721	26.01 1.80 -11.29	21.50 1.63 -8.13	18.47 1.47 -6.34	18.31 1.31 -7.00	18.55 1.37 -6.85	22.93 2.16 -6.44	27.95 3.13 -0.94	32.69 3.58 -0.01	31.39 3.06 -0.01	30.18 3.11 -0.01	32.63 3.12 -0.03	34.08 3.12 -0.03	37.96 3.08 -2.13	39.93 3.12 1.20	41.53 3.14 0.35	44.76 2.66 -1.81	48.73 2.99 -1.17	62.06 3.31 -5.32	69.28 3.81 -6.83	66.98 4.22 -6.44	64.08 2.14 -5.62	51.70 1.42 -3.00	43.08 1.64 -1.47	38.57 2.48 -1.18
MOONROAD_115KV_HARTFLD_TB1-2 355988	13.87 -0.78 -1.72	13.18 -0.78 -2.21	11.04 -0.78 -1.15	10.31 -0.70 -1.01	10.61 -0.70 -0.99	14.24 -0.92 -0.82	22.09 -1.79 0.00	24.06 -1.78 3.27	24.68 -1.42 2.22	25.30 -1.43 0.32	26.16 -1.39 1.94	28.51 -1.36 1.06	28.22 -1.34 3.19	30.25 -1.52 6.25	31.86 -1.55 5.34	34.66 -1.57 4.06	41.09 -1.65 1.83	52.42 -1.02 0.00	58.51 -0.12 0.00	56.93 0.62 0.00	57.33 1.01 0.00	47.69 0.43 0.01	39.64 -0.32 0.01	35.29 0.38 0.00

MORRIS_RIDGE___SOLAR 323848	14.38 -0.54 -2.00	13.63 -0.53 -2.42	11.49 -0.51 -1.34	10.75 -0.47 -1.22	11.06 -0.45 -1.19	14.71 -0.62 -0.99	22.47 -1.41 0.00	-0.68 -1.72 28.07	5.74 -1.67 20.91	22.21 -1.81 3.03	9.35 -1.89 18.25	19.03 -1.92 9.98	0.69 -2.03 30.03	-1.08 -2.28 36.81	3.55 -2.32 32.87	-0.35 -2.14 38.50	24.98 -2.23 17.37	51.77 -1.66 0.00	57.75 -0.88 0.00	56.65 0.34 0.00	57.22 0.90 0.00	47.60 0.33 0.01	39.76 -0.20 0.01	35.05 0.14 0.00
MORTIMER_115KV_TB3 55949	14.03 -0.06 -1.18	13.47 -0.07 -1.80	11.36 -0.11 -0.80	10.53 -0.07 -0.60	10.81 -0.10 -0.59	14.69 -0.13 -0.49	23.14 -0.74 0.00	27.37 -0.87 0.86	26.96 -0.74 0.62	26.08 -0.89 0.09	27.91 -1.03 0.54	29.61 -1.02 0.30	31.01 -0.85 0.89	33.70 -0.72 3.59	34.97 -0.81 2.96	38.83 -0.32 1.14	43.88 -0.18 0.51	53.00 -0.43 0.00	58.87 0.23 0.00	56.93 0.62 0.00	57.44 1.13 0.00	47.88 0.61 0.01	39.96 0.00 0.01	35.36 0.45 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	23.88 1.27 -9.69	21.02 1.16 -8.11	18.00 1.01 -6.33	17.92 0.93 -6.98	18.11 0.95 -6.83	21.35 1.36 -5.66	25.98 2.10 0.00	31.46 2.36 0.00	30.53 2.21 0.00	29.36 2.30 0.00	32.00 2.51 -0.02	33.55 2.60 -0.02	35.46 2.69 -0.02	38.76 3.04 2.30	41.98 3.14 -0.09	43.17 2.86 -0.02	47.78 3.21 0.00	57.12 3.69 0.00	63.03 4.40 0.00	60.48 4.17 0.00	59.58 3.27 0.00	49.21 1.94 0.01	42.12 2.16 0.01	37.14 2.23 0.00
MUNSVILLE_WIND_PWR 323609	16.70 0.68 -3.10	15.58 0.60 -3.24	13.24 0.53 -2.05	12.48 0.44 -2.03	12.79 0.48 -1.99	16.89 0.90 -1.65	25.07 1.19 0.00	31.59 1.34 -1.15	30.41 1.24 -0.84	27.91 0.73 -0.12	31.15 0.94 -0.73	32.44 1.11 -0.40	35.13 1.18 -1.20	38.67 1.67 1.01	39.99 1.90 0.66	44.45 2.50 -1.66	48.53 3.21 -0.75	57.97 4.54 0.00	64.73 6.10 0.00	62.73 6.42 0.00	62.79 6.47 0.00	52.14 4.87 0.01	43.44 3.48 0.01	37.94 3.04 0.00
N SALMON___HYD 24042	11.96 -0.27 0.69	9.27 -0.27 2.20	9.87 -0.28 0.51	9.74 -0.27 0.00	10.06 -0.27 0.00	13.93 -0.39 0.02	23.52 -0.36 0.00	28.96 -0.14 0.00	28.32 0.00 0.00	27.30 0.24 0.00	29.92 0.44 0.00	31.45 0.53 0.00	33.44 0.69 0.00	38.05 0.80 0.77	38.91 0.77 0.61	41.01 0.73 0.00	45.28 0.71 0.00	54.44 1.01 0.00	59.45 0.82 0.00	56.88 0.56 0.00	57.11 0.79 0.00	47.75 0.47 0.00	40.21 0.24 0.00	34.77 -0.14 0.00
N.AKRON__115KV_KNAPP 355671	14.11 -0.23 -1.42	13.49 -0.23 -1.98	11.33 -0.29 -0.95	10.56 -0.22 -0.78	10.83 -0.26 -0.76	14.62 -0.34 -0.64	22.75 -1.12 0.00	24.46 -0.99 3.66	24.78 -0.82 2.72	25.56 -1.11 0.39	25.88 -1.24 2.36	28.40 -1.24 1.28	27.88 -0.98 3.89	30.07 -0.87 7.07	31.70 -0.97 6.08	34.88 -0.52 4.88	41.96 -0.40 2.21	52.47 -0.96 0.00	58.69 0.06 0.00	57.05 0.73 0.00	57.78 1.46 0.00	48.12 0.85 0.01	40.04 0.08 0.01	35.60 0.70 0.00
N.E_GEN_SANDY PD 24062	26.00 1.30 -11.77	22.90 1.20 -9.96	21.60 1.06 -9.88	20.90 0.99 -9.90	22.40 1.02 -11.05	25.70 1.43 -9.94	32.00 2.15 -5.97	34.74 2.41 -3.22	30.39 2.07 0.00	28.90 1.84 0.00	31.22 1.74 0.00	32.72 1.79 0.00	34.62 1.87 0.00	37.70 2.09 2.40	39.01 2.17 1.91	42.14 1.85 0.00	46.66 2.10 0.00	56.58 3.15 0.00	62.79 4.16 0.00	62.00 4.11 -1.58	59.34 3.32 0.30	52.90 2.41 -3.21	42.12 2.16 0.01	37.00 2.09 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	23.48 1.12 -9.43	20.69 1.02 -7.92	17.72 0.90 -6.16	17.62 0.82 -6.79	17.82 0.85 -6.65	21.05 1.22 -5.51	25.74 1.86 0.00	31.17 2.07 0.00	30.25 1.93 0.00	29.01 1.95 0.00	31.60 2.12 0.00	33.12 2.20 0.00	35.04 2.29 0.00	38.27 2.55 2.29	39.53 2.60 1.82	42.58 2.30 0.00	47.20 2.63 0.00	56.48 3.05 0.00	62.44 3.81 0.00	59.97 3.66 0.00	59.13 2.82 0.00	48.92 1.65 0.01	41.72 1.76 0.01	36.76 1.85 0.00
N.QUEENS_27_KV_LOAD 356247	23.94 1.32 -9.70	21.14 1.27 -8.12	18.09 1.09 -6.33	18.00 1.00 -6.99	18.19 1.02 -6.84	21.49 1.49 -5.67	25.93 2.05 0.00	31.40 2.30 0.00	30.53 2.21 0.00	29.52 2.46 0.00	32.15 2.65 -0.02	33.75 2.81 -0.01	35.67 2.91 -0.01	38.99 3.27 2.30	41.55 3.25 0.45	43.29 2.98 -0.02	47.73 3.16 0.00	56.90 3.47 0.01	62.84 4.22 0.01	60.30 4.00 0.01	59.41 3.10 0.01	48.77 1.51 0.02	42.28 2.32 0.01	37.50 2.58 -0.01
N.TROY___115KV_TB1 355778	29.99 0.85 -16.21	26.52 0.76 -14.01	29.93 0.69 -18.58	19.22 0.65 -8.56	19.38 0.67 -8.38	35.87 0.95 -20.60	47.45 1.41 -22.16	41.97 1.51 -11.35	29.63 1.30 0.00	28.14 1.08 0.00	30.57 1.09 0.00	32.04 1.11 0.00	33.77 1.02 0.00	36.63 1.14 2.53	37.94 1.20 2.01	41.46 1.17 0.00	45.91 1.34 0.00	55.30 1.87 0.00	61.33 2.70 0.00	64.99 2.93 -5.75	58.80 2.48 0.00	63.65 1.80 -14.58	41.52 1.56 0.01	36.41 1.50 0.00
NARROWS_GT1_1 24228	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.02	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.56 2.65 -0.01
NARROWS_GT1_2 24229	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.02	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.56 2.65 -0.01
NARROWS_GT1_3 24230	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.02	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.56 2.65 -0.01
NARROWS_GT1_4 24231	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.02	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.56 2.65 -0.01
NARROWS_GT1_5 24232	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.02	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.56 2.65 -0.01

NARROWS_GT1_6 24233	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.02	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.56 2.65 -0.01
NARROWS_GT1_7 24234	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.02	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.56 2.65 -0.01
NARROWS_GT1_8 24235	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.02	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.56 2.65 -0.01
NARROWS_GT2_1 24236	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.03	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.57 2.65 -0.01
NARROWS_GT2_2 24237	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.03	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.57 2.65 -0.01
NARROWS_GT2_3 24238	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.03	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.57 2.65 -0.01
NARROWS_GT2_4 24239	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.03	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.57 2.65 -0.01
NARROWS_GT2_5 24240	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.03	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.57 2.65 -0.01
NARROWS_GT2_6 24241	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.03	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.57 2.65 -0.01
NARROWS_GT2_7 24242	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.03	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.57 2.65 -0.01
NARROWS_GT2_8 24243	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.03	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.57 2.65 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	24.08 0.47 -10.70	20.92 0.40 -8.78	17.49 0.66 -6.16	18.43 0.35 -8.07	18.60 0.37 -7.90	20.39 0.92 -5.14	23.01 1.41 2.27	29.31 1.37 1.16	29.03 0.71 0.00	27.57 0.51 0.00	29.98 0.50 0.00	31.45 0.53 0.00	33.21 0.46 0.00	36.23 0.65 2.44	37.51 0.70 1.93	41.01 0.73 0.00	45.33 0.76 0.00	54.66 1.23 0.00	60.74 2.11 0.00	59.22 3.49 0.59	58.46 2.14 0.00	46.78 2.27 2.77	41.16 1.20 0.01	36.16 1.26 0.00
NCHELSEA_115KV_TR2 355582	23.73 1.18 -9.63	20.88 1.07 -8.07	17.87 0.92 -6.29	17.81 0.86 -6.94	18.02 0.90 -6.79	21.22 1.26 -5.62	25.81 1.93 0.00	31.17 2.07 0.00	30.30 1.98 0.00	28.98 1.92 0.00	31.57 2.09 0.00	33.12 2.20 0.00	35.08 2.33 0.00	38.37 2.66 2.31	39.71 2.79 1.83	42.91 2.62 0.00	47.47 2.90 0.00	56.96 3.53 0.00	63.09 4.46 0.00	60.65 4.34 0.00	59.92 3.60 0.00	49.54 2.27 0.01	42.12 2.16 0.01	37.14 2.23 0.00
NEG CAPITAL___MECHNVIL 23645	28.68 0.94 -14.82	25.22 0.85 -12.63	26.30 0.76 -14.87	19.37 0.70 -8.67	19.53 0.72 -8.48	31.29 1.05 -15.92	39.91 1.60 -14.43	38.18 1.69 -7.39	29.82 1.50 0.00	28.33 1.27 0.00	30.72 1.24 0.00	32.28 1.36 0.00	33.93 1.18 0.00	36.87 1.41 2.55	38.24 1.51 2.02	41.90 1.61 0.00	46.53 1.96 0.00	56.26 2.83 0.00	62.44 3.81 0.00	63.89 3.83 -3.74	59.70 3.38 0.00	59.06 2.69 -9.09	42.12 2.16 0.01	36.86 1.95 0.00
NEG CENTRAL_HIGH_ACRES 23767	13.78 -0.26 -1.12	13.25 -0.25 -1.75	11.17 -0.26 -0.76	10.34 -0.22 -0.55	10.63 -0.24 -0.54	14.44 -0.34 -0.46	22.87 -1.00 0.00	27.15 -1.19 0.76	26.75 -1.02 0.55	25.79 -1.19 0.08	27.70 -1.30 0.48	29.36 -1.30 0.26	30.71 -1.24 0.79	33.54 -1.18 3.30	34.72 -1.32 2.71	39.56 -0.72 0.00	43.81 -0.76 0.00	52.52 -0.91 0.00	58.10 -0.53 0.00	56.14 -0.17 0.00	56.54 0.23 0.00	47.13 -0.14 0.01	39.40 -0.56 0.01	34.77 -0.14 0.00



NEG CENTRAL___DRP 24199	14.43 0.12 -1.39	13.78 0.09 -1.94	11.66 0.06 -0.94	10.82 0.05 -0.76	11.13 0.06 -0.75	15.08 0.13 -0.62	23.85 -0.02 0.00	32.82 0.09 -3.63	31.17 0.08 -2.76	27.35 -0.11 -0.40	31.77 -0.12 -2.41	32.15 -0.09 -1.32	36.65 -0.07 -3.97	41.56 -0.08 -3.62	42.07 -0.04 -3.36	46.35 0.97 -5.09	48.20 1.34 -2.30	55.57 2.14 0.00	60.57 1.93 0.00	58.62 2.31 0.00	58.68 2.37 0.00	48.92 1.65 0.01	41.08 1.12 0.01	35.92 1.01 0.00
NEG CENTRAL___INDECK 23768	14.72 0.08 -1.72	13.98 0.04 -2.20	11.81 -0.01 -1.15	11.03 0.02 -1.00	11.32 0.01 -0.98	15.20 0.04 -0.82	23.54 -0.33 0.00	45.64 -1.40 -17.94	40.33 -1.42 -13.42	27.30 -1.70 -1.95	39.37 -1.83 -11.72	35.51 -1.82 -6.41	50.17 -1.87 -19.28	55.63 -1.94 -19.55	54.56 -2.05 -17.87	63.60 -1.49 -24.80	54.32 -1.43 -11.18	52.47 -0.96 0.00	58.99 0.35 0.00	57.72 1.41 0.00	58.51 2.19 0.00	48.64 1.37 0.01	40.44 0.48 0.01	36.69 1.78 0.00
NEG CENTRAL___SENECA 23627	14.76 0.17 -1.67	14.03 0.13 -2.15	11.87 0.09 -1.12	11.05 0.07 -0.97	11.37 0.09 -0.95	15.31 0.19 -0.80	23.97 0.10 0.00	35.29 0.29 -5.90	33.09 0.28 -4.48	27.71 0.00 -0.65	33.45 0.06 -3.91	33.12 0.06 -2.14	39.28 0.10 -6.43	44.10 0.08 -6.01	44.42 0.12 -5.55	49.32 0.77 -8.26	49.54 1.25 -3.73	55.62 2.19 0.00	61.27 2.64 0.00	59.41 3.10 0.00	59.53 3.21 0.00	49.58 2.32 0.01	41.60 1.64 0.01	36.37 1.47 0.00
NEG CENTRAL___STATE_STREET 24147	14.28 0.13 -1.23	13.67 0.11 -1.82	11.57 0.07 -0.83	10.71 0.06 -0.65	11.02 0.06 -0.63	14.98 0.11 -0.53	23.80 -0.07 0.00	30.20 -0.06 -1.16	29.21 0.00 -0.89	27.05 -0.14 -0.13	30.08 -0.18 -0.78	31.19 -0.15 -0.42	33.93 -0.10 -1.28	38.65 -0.04 -0.67	39.44 0.00 -0.69	43.18 1.25 -1.64	46.87 1.56 -0.74	55.57 2.14 0.00	60.16 1.52 0.00	58.06 1.75 0.00	58.06 1.75 0.00	48.50 1.23 0.01	40.68 0.72 0.01	35.60 0.70 0.00
NEG MILLWOOD___DRP 24198	23.85 1.19 -9.73	20.99 1.09 -8.15	17.96 0.94 -6.36	17.93 0.90 -7.02	18.12 0.93 -6.87	21.34 1.32 -5.69	25.88 2.01 0.00	31.35 2.24 0.00	30.45 2.12 0.00	29.17 2.11 0.00	31.78 2.30 0.00	33.34 2.41 0.00	35.27 2.52 0.00	38.62 2.93 2.32	39.93 3.02 1.84	43.11 2.82 0.00	47.82 3.25 0.00	57.33 3.90 0.00	63.50 4.87 0.00	60.93 4.62 0.00	60.26 3.94 0.00	49.77 2.51 0.01	42.32 2.36 0.01	37.24 2.34 0.00
NEG NORTH_FLCN_SEA 23793	11.96 -0.27 0.69	9.27 -0.27 2.20	9.88 -0.27 0.51	9.75 -0.26 0.00	10.07 -0.26 0.00	13.94 -0.37 0.02	23.52 -0.36 0.00	28.93 -0.17 0.00	28.29 -0.03 0.00	27.25 0.19 0.00	29.83 0.35 0.00	31.36 0.43 0.00	33.31 0.56 0.00	37.89 0.65 0.77	38.72 0.58 0.61	40.85 0.56 0.00	45.10 0.53 0.00	54.34 0.91 0.00	59.28 0.64 0.00	56.65 0.34 0.00	56.77 0.45 0.00	47.56 0.28 0.00	40.05 0.08 0.00	34.70 -0.21 0.00
NEG NORTH_KES_CHATEGAY 23792	11.87 -0.36 0.69	9.19 -0.35 2.20	9.81 -0.34 0.51	9.68 -0.33 0.00	10.00 -0.33 0.00	13.84 -0.47 0.02	23.35 -0.53 0.00	28.70 -0.41 0.00	28.04 -0.28 0.00	26.98 -0.08 0.00	29.54 0.06 0.00	31.02 0.09 0.00	32.95 0.20 0.00	37.48 0.23 0.77	38.29 0.15 0.61	40.41 0.12 0.00	44.66 0.09 0.00	53.75 0.32 0.00	58.63 0.00 0.00	56.09 -0.23 0.00	56.21 -0.11 0.00	47.18 -0.09 0.00	39.73 -0.24 0.00	34.42 -0.49 0.00
NEG NORTH___ALICE_FALLS 23915	12.01 -0.22 0.69	9.32 -0.22 2.20	9.92 -0.23 0.51	9.78 -0.23 0.00	10.10 -0.23 0.00	13.97 -0.34 0.02	23.61 -0.26 0.00	29.08 -0.03 0.00	28.44 0.11 0.00	27.41 0.35 0.00	30.04 0.56 0.00	31.57 0.65 0.00	33.60 0.85 0.00	38.24 0.99 0.77	39.07 0.93 0.61	41.21 0.93 0.00	45.55 0.98 0.00	55.03 1.60 0.00	60.04 1.41 0.00	57.33 1.01 0.00	57.44 1.13 0.00	48.03 0.76 0.00	40.41 0.44 0.00	34.94 0.03 0.00
NEG NORTH___LWR_SARANAC 23913	12.01 -0.22 0.69	9.32 -0.22 2.20	9.92 -0.23 0.51	9.78 -0.23 0.00	10.10 -0.23 0.00	13.97 -0.34 0.02	23.61 -0.26 0.00	29.08 -0.03 0.00	28.44 0.11 0.00	27.41 0.35 0.00	30.04 0.56 0.00	31.57 0.65 0.00	33.60 0.85 0.00	38.24 0.99 0.77	39.07 0.93 0.61	41.21 0.93 0.00	45.55 0.98 0.00	55.03 1.60 0.00	60.04 1.41 0.00	57.33 1.01 0.00	57.44 1.13 0.00	48.03 0.76 0.00	40.41 0.44 0.00	34.94 0.03 0.00
NEG NORTH___PLATTSBURG 23628	12.01 -0.22 0.69	9.33 -0.21 2.20	9.92 -0.23 0.51	9.78 -0.23 0.00	10.10 -0.23 0.00	13.97 -0.34 0.02	23.61 -0.26 0.00	29.08 -0.03 0.00	28.44 0.11 0.00	27.41 0.35 0.00	30.04 0.56 0.00	31.57 0.65 0.00	33.60 0.85 0.00	38.23 0.99 0.77	39.11 0.97 0.61	41.22 0.93 0.00	45.55 0.98 0.00	54.87 1.44 0.00	59.86 1.23 0.00	57.27 0.96 0.00	57.50 1.18 0.00	48.03 0.75 0.00	40.41 0.44 0.00	34.94 0.03 0.00
NEG WEST_LEA_LOCKPORT 23791	13.88 -0.52 -1.48	13.29 -0.48 -2.02	11.14 -0.52 -0.99	10.39 -0.44 -0.82	10.66 -0.48 -0.80	14.36 -0.64 -0.67	22.13 -1.74 0.00	22.71 -1.78 4.62	23.30 -1.59 3.44	24.75 -1.81 0.50	24.49 -2.00 2.99	27.29 -2.01 1.63	25.93 -1.90 4.92	27.79 -1.98 8.25	29.55 -2.05 7.15	32.23 -1.85 6.21	39.89 -1.87 2.80	50.65 -2.78 0.00	56.58 -2.05 0.00	55.07 -1.24 0.00	55.76 -0.56 0.00	46.56 -0.71 0.01	38.88 -1.08 0.01	34.66 -0.24 0.00
NEG WEST___LANCASTR 23811	13.82 -0.83 -1.73	13.18 -0.78 -2.21	11.06 -0.77 -1.16	10.33 -0.69 -1.01	10.59 -0.72 -0.99	14.18 -0.97 -0.83	22.37 -1.50 0.00	23.49 -1.54 4.07	23.92 -1.36 3.04	25.10 -1.52 0.44	25.15 -1.68 2.65	27.78 -1.70 1.44	26.56 -1.83 4.36	28.22 -2.20 7.59	29.87 -2.32 6.55	32.08 -2.66 5.55	39.21 -2.85 2.50	51.77 -1.66 0.00	57.75 -0.88 0.00	56.20 -0.11 0.00	56.66 0.34 0.00	47.27 0.00 0.01	39.40 -0.56 0.01	34.98 0.07 0.00
NEG_PENN_ALLEGHNY 23528	16.22 0.13 -3.17	15.15 0.11 -3.30	12.84 0.08 -2.10	12.17 0.07 -2.09	12.45 0.08 -2.04	16.16 0.13 -1.70	23.88 0.00 0.00	29.13 0.03 0.00	28.32 0.00 0.00	26.90 -0.16 0.00	29.33 -0.15 0.00	30.83 -0.09 0.00	32.65 -0.10 0.00	35.41 -0.04 2.56	36.71 0.00 2.03	41.57 0.24 -1.04	45.39 0.35 -0.47	54.18 0.75 0.00	59.98 1.35 0.00	57.89 1.57 0.00	57.84 1.52 0.00	48.27 0.99 0.01	40.56 0.60 0.01	35.64 0.73 0.00
NEG___GEN_MONROE 24207	14.10 -0.01 -1.19	13.54 -0.01 -1.80	11.39 -0.09 -0.81	10.56 -0.05 -0.61	10.84 -0.08 -0.59	14.74 -0.09 -0.50	23.23 -0.64 0.00	27.38 -0.73 0.99	26.95 -0.65 0.72	26.12 -0.84 0.11	27.91 -0.94 0.63	29.68 -0.90 0.34	31.02 -0.69 1.04	33.72 -0.53 3.76	34.98 -0.66 3.11	38.89 -0.08 1.32	43.97 0.00 0.60	53.22 -0.21 0.00	59.33 0.70 0.00	57.50 1.18 0.00	58.06 1.75 0.00	48.45 1.18 0.01	40.40 0.44 0.01	35.85 0.94 0.00
NEPA___ENERGY 23901	14.24 -0.41 -1.73	13.56 -0.40 -2.21	11.40 -0.43 -1.16	10.65 -0.37 -1.01	10.93 -0.38 -0.99	14.64 -0.52 -0.83	22.68 -1.19 0.00	24.07 -1.16 3.87	24.53 -0.99 2.80	25.49 -1.16 0.41	25.83 -1.21 2.44	28.38 -1.21 1.33	27.58 -1.15 4.02	29.59 -1.22 7.21	31.26 -1.28 6.21	33.74 -1.41 5.14	40.87 -1.38 2.32	52.31 -1.12 0.00	58.34 0.39 0.00	56.71 0.84 0.00	57.16 0.43 0.00	47.69 0.43 0.01	39.80 -0.16 0.01	35.36 0.45 0.00

NEVERSINK___HYD 23608	22.36 1.00 -8.44	19.83 0.90 -7.18	16.95 0.77 -5.52	16.78 0.72 -6.05	17.01 0.76 -5.92	20.28 1.05 -4.91	25.48 1.60 0.00	30.76 1.66 0.00	29.88 1.56 0.00	28.55 1.49 0.00	31.07 1.59 0.00	32.65 1.73 0.00	34.78 2.03 0.00	38.20 2.40 2.22	39.55 2.56 1.76	42.87 2.58 0.00	47.64 3.07 0.00	57.49 4.06 0.00	63.73 5.10 0.00	61.16 4.84 0.00	60.43 4.11 0.00	50.01 2.74 0.01	42.36 2.40 0.01	37.35 2.44 0.00
NEWKRMKL_115KV_TB1 55635	24.44 0.41 -11.11	21.16 0.36 -9.05	17.05 0.34 -6.04	18.89 0.35 -8.54	19.04 0.36 -8.35	19.65 0.46 -4.86	21.15 0.62 3.34	27.92 0.52 1.71	28.75 0.42 0.00	27.44 0.38 0.00	29.86 0.38 0.00	31.36 0.43 0.00	33.11 0.36 0.00	35.93 0.42 2.50	37.15 0.39 1.98	40.61 0.32 0.00	44.88 0.31 0.00	53.80 0.37 0.00	59.45 0.82 0.00	56.46 1.01 0.87	56.83 0.51 0.00	43.51 0.19 3.96	40.16 0.20 0.01	35.22 0.31 0.00
NEWTON___FALLS_HYD 23847	12.69 -0.30 -0.06	11.66 -0.28 -0.20	10.47 -0.25 -0.05	9.74 -0.27 0.00	10.06 -0.27 0.00	14.09 -0.24 0.00	23.40 -0.48 0.00	28.49 -0.61 0.00	27.67 -0.65 0.00	26.22 -0.84 0.00	28.80 -0.68 0.00	30.27 -0.65 0.00	32.10 -0.66 0.00	35.97 -0.65 1.40	36.82 -0.81 1.11	39.56 -0.73 0.00	44.17 -0.40 0.00	53.22 -0.21 0.00	58.98 0.35 0.00	57.10 0.79 0.00	57.28 0.96 0.00	47.93 0.66 0.01	40.16 0.20 0.01	34.84 -0.07 0.00
NGRID_A1_DSASP 323792	13.88 -0.54 -1.50	13.29 -0.49 -2.04	11.17 -0.50 -1.01	10.39 -0.45 -0.84	10.70 -0.44 -0.82	14.34 -0.67 -0.69	21.73 -2.15 0.00	22.79 -2.07 4.24	23.33 -1.84 3.15	24.17 -2.44 0.46	24.49 -2.24 2.75	27.17 -2.26 1.50	25.97 -2.26 4.52	27.80 -2.39 7.82	29.48 -2.52 6.75	32.30 -2.22 5.78	39.51 -2.45 2.60	49.48 -3.95 0.00	55.05 -3.58 0.00	53.72 -2.59 0.00	54.51 -1.80 0.00	45.47 -1.80 0.01	38.12 -1.84 0.01	34.07 -0.84 0.00
NGRID_A2_DSASP 323793	13.88 -0.54 -1.50	13.29 -0.49 -2.04	11.17 -0.50 -1.01	10.39 -0.45 -0.84	10.70 -0.44 -0.82	14.34 -0.67 -0.69	21.73 -2.15 0.00	22.79 -2.07 4.24	23.33 -1.84 3.15	24.17 -2.44 0.46	24.49 -2.24 2.75	27.17 -2.26 1.50	25.97 -2.26 4.52	27.80 -2.39 7.82	29.48 -2.52 6.75	32.30 -2.22 5.78	39.51 -2.45 2.60	49.48 -3.95 0.00	55.05 -3.58 0.00	53.72 -2.59 0.00	54.51 -1.80 0.00	45.47 -1.80 0.01	38.12 -1.84 0.01	34.07 -0.84 0.00
NGRID_A4_DSASP 323807	13.88 -0.54 -1.50	13.29 -0.49 -2.04	11.17 -0.50 -1.01	10.39 -0.45 -0.84	10.70 -0.44 -0.82	14.34 -0.67 -0.69	21.73 -2.15 0.00	22.79 -2.07 4.24	23.33 -1.84 3.15	24.17 -2.44 0.46	24.49 -2.24 2.75	27.17 -2.26 1.50	25.97 -2.26 4.52	27.80 -2.39 7.82	29.48 -2.52 6.75	32.30 -2.22 5.78	39.51 -2.45 2.60	49.48 -3.95 0.00	55.05 -3.58 0.00	53.72 -2.59 0.00	54.51 -1.80 0.00	45.47 -1.80 0.01	38.12 -1.84 0.01	34.07 -0.84 0.00
NIAGARA_115E_LBMP 323715	13.72 -0.70 -1.50	13.15 -0.63 -2.04	11.03 -0.64 -1.01	10.28 -0.57 -0.84	10.58 -0.57 -0.82	14.17 -0.85 -0.69	21.82 -2.05 0.00	22.79 -2.01 4.31	23.36 -1.76 3.21	24.62 -1.97 0.47	24.56 -2.15 2.77	27.26 -2.17 1.50	26.01 -2.16 4.58	27.86 -2.28 7.87	29.54 -2.40 6.80	32.56 -2.14 5.59	39.68 -2.36 2.53	49.69 -3.74 0.00	55.41 -3.22 0.00	54.06 -2.25 0.00	54.80 -1.52 0.00	45.71 -1.56 0.01	38.24 -1.72 0.01	34.17 -0.73 0.00
NIAGARA_115W_LBMP 323714	13.86 -0.56 -1.50	13.28 -0.50 -2.04	11.15 -0.52 -1.01	10.38 -0.46 -0.84	10.69 -0.45 -0.82	14.33 -0.69 -0.68	21.68 -2.20 0.00	22.78 -2.10 4.22	23.32 -1.87 3.13	24.12 -2.49 0.45	24.48 -2.27 2.73	27.14 -2.29 1.50	25.96 -2.29 4.50	27.79 -2.43 7.79	29.46 -2.56 6.73	32.27 -2.26 5.76	39.48 -2.49 2.60	49.32 -4.11 0.00	54.88 -3.75 0.00	53.61 -2.70 0.00	54.35 -1.97 0.00	45.33 -1.94 0.01	38.00 -1.96 0.01	33.96 -0.94 0.00
NIAGARA_230_LBMP 323716	13.85 -0.54 -1.47	13.28 -0.48 -2.02	11.16 -0.50 -0.99	10.39 -0.44 -0.82	10.70 -0.43 -0.80	14.34 -0.66 -0.67	22.04 -1.84 0.00	22.95 -2.10 4.05	23.46 -1.87 2.99	24.51 -2.11 0.43	24.59 -2.27 2.62	27.20 -2.29 1.43	26.15 -2.29 4.31	28.00 -2.43 7.58	29.61 -2.60 6.54	32.38 -2.34 5.57	39.52 -2.54 2.51	50.17 -3.26 0.00	55.82 -2.81 0.00	54.46 -1.86 0.00	55.19 -1.13 0.00	46.04 -1.23 0.01	38.60 -1.36 0.01	34.45 -0.45 0.00
NIAGARA___115KV_198_GIBSON 55903	13.86 -0.56 -1.50	13.28 -0.51 -2.04	11.13 -0.54 -1.01	10.38 -0.46 -0.84	10.66 -0.49 -0.82	14.33 -0.69 -0.68	21.68 -2.20 0.00	22.78 -2.10 4.22	23.32 -1.87 3.13	24.09 -2.52 0.45	24.42 -2.33 2.73	27.08 -2.35 1.50	25.99 -2.26 4.50	27.79 -2.43 7.79	29.50 -2.52 6.73	32.16 -2.34 5.79	39.55 -2.41 2.61	49.26 -4.17 0.00	54.94 -3.69 0.00	53.50 -2.82 0.00	54.18 -2.14 0.00	45.37 -1.89 0.01	37.92 -2.04 0.01	33.89 -1.01 0.00
NIAGARA____ 23760	13.88 -0.54 -1.50	13.30 -0.48 -2.04	11.17 -0.50 -1.01	10.40 -0.44 -0.84	10.71 -0.43 -0.82	14.36 -0.66 -0.69	22.04 -1.84 0.00	22.95 -2.10 4.05	23.46 -1.87 2.99	24.51 -2.11 0.44	24.59 -2.27 2.62	27.20 -2.29 1.43	26.15 -2.29 4.31	28.00 -2.43 7.58	29.61 -2.60 6.54	32.38 -2.34 5.57	39.52 -2.54 2.51	50.17 -3.26 0.00	55.82 -2.81 0.00	54.46 -1.86 0.00	55.19 -1.13 0.00	46.04 -1.23 0.01	38.60 -1.36 0.01	34.45 -0.45 0.00
NINE_MILE_1 23575	13.32 -0.19 -0.59	12.87 -0.18 -1.30	10.91 -0.17 -0.42	10.02 -0.16 -0.18	10.34 -0.17 -0.18	14.25 -0.23 -0.15	23.23 -0.64 0.00	28.23 -0.87 0.00	27.50 -0.82 0.00	26.22 -0.84 0.00	28.54 -0.94 0.00	29.90 -1.02 0.00	31.67 -1.08 0.00	28.18 -1.22 8.61	30.68 -1.24 6.83	39.08 -1.21 0.00	43.23 -1.34 0.00	51.88 -1.55 0.00	57.40 -1.23 0.00	55.24 -1.07 0.00	55.25 -1.07 0.00	46.20 -1.04 0.04	38.93 -1.00 0.04	34.17 -0.73 0.00
NINE_MILE_2 23744	13.32 -0.19 -0.59	12.86 -0.18 -1.30	10.91 -0.17 -0.42	10.02 -0.16 -0.18	10.34 -0.17 -0.15	14.25 -0.23 -0.15	23.23 -0.64 0.00	28.23 -0.87 0.00	27.50 -0.82 0.00	26.22 -0.84 0.00	28.54 -0.94 0.00	29.90 -1.02 0.00	31.67 -1.08 0.00	28.10 -1.22 8.70	30.61 -1.24 6.90	39.08 -1.21 0.00	43.23 -1.34 0.00	51.88 -1.55 0.00	57.40 -1.23 0.00	55.24 -1.07 0.00	55.25 -1.07 0.00	46.20 -1.04 0.04	38.93 -1.00 0.04	34.17 -0.73 0.00
NM_CAPITAL___DRP 24208	24.22 0.44 -10.86	20.96 0.40 -8.82	16.52 0.37 -5.48	18.89 0.37 -8.52	19.04 0.38 -8.33	18.99 0.50 -4.16	20.10 0.67 4.45	27.44 0.61 2.28	28.83 0.51 0.00	27.52 0.46 0.00	29.95 0.47 0.00	31.45 0.53 0.00	33.14 0.39 0.00	35.97 0.46 2.50	37.23 0.46 1.98	40.65 0.36 0.00	44.92 0.36 0.00	53.86 0.43 0.00	59.51 0.88 0.00	56.23 1.07 1.15	56.88 0.56 0.00	42.38 0.24 5.14	40.24 0.28 0.01	35.29 0.38 0.00
NM_CENTRAL___DRP 24181	13.89 0.10 -0.87	13.43 0.09 -1.59	11.33 0.06 -0.60	10.42 0.05 -0.36	10.73 0.05 -0.35	14.72 0.09 -0.30	23.73 -0.14 0.00	28.90 -0.20 0.00	28.18 -0.14 0.00	26.82 -0.24 0.00	29.21 -0.27 0.00	30.65 -0.28 0.00	32.52 -0.23 0.00	36.21 -0.19 1.62	37.27 -0.19 1.28	40.45 0.16 0.00	44.84 0.27 0.00	53.64 0.21 0.00	59.04 0.41 0.00	56.93 0.62 0.00	56.88 0.56 0.00	47.55 0.28 0.01	39.96 0.00 0.01	35.01 0.10 0.00

NM_FRONTIER___DRP 24179	13.86 -0.56 -1.50	13.28 -0.51 -2.04	11.13 -0.54 -1.01	10.38 -0.46 -0.84	10.66 -0.49 -0.82	14.33 -0.69 -0.68	21.68 -2.20 0.00	22.78 -2.10 4.22	23.32 -1.87 3.13	24.09 -2.52 0.45	24.42 -2.33 2.73	27.08 -2.35 1.50	25.99 -2.26 4.50	27.79 -2.43 7.79	29.50 -2.52 6.73	32.16 -2.34 5.79	39.55 -2.41 2.61	49.26 -4.17 0.00	54.94 -3.69 0.00	53.50 -2.82 0.00	54.18 -2.14 0.00	45.37 -1.89 0.01	37.92 -2.04 0.01	33.89 -1.01 0.00
NM_ST_REGIS___HYD 24053	11.98 -0.25 0.69	9.29 -0.25 2.20	9.88 -0.27 0.51	9.76 -0.25 0.00	10.08 -0.25 0.00	13.96 -0.36 0.02	23.57 -0.31 0.00	29.05 -0.06 0.00	28.41 0.08 0.00	27.38 0.32 0.00	29.98 0.50 0.00	31.51 0.59 0.00	33.54 0.79 0.00	38.16 0.91 0.77	39.03 0.89 0.61	41.13 0.85 0.00	45.41 0.85 0.00	54.77 1.34 0.00	59.80 1.17 0.00	57.10 0.79 0.00	57.28 0.96 0.00	47.89 0.61 0.00	40.29 0.32 0.00	34.87 -0.03 0.00
NORTHPORT___1 23551	25.58 1.40 -11.26	21.16 1.29 -8.12	18.10 1.10 -6.34	18.05 1.05 -6.99	18.26 1.08 -6.84	22.34 1.59 -6.42	27.17 2.36 -0.93	31.79 2.68 -0.01	30.74 2.41 -0.01	29.45 2.38 -0.01	32.13 2.62 -0.02	33.67 2.72 -0.03	37.48 3.08 -1.65	39.68 3.12 1.45	41.02 2.94 0.67	43.87 2.17 -1.41	47.84 2.36 -0.91	56.54 2.67 -0.44	62.45 3.64 -0.18	59.99 3.38 -0.30	58.79 2.14 -0.33	49.10 1.23 -0.60	42.45 1.60 -0.88	38.23 2.41 -0.92
NORTHPORT___2 23552	25.58 1.40 -11.26	21.16 1.29 -8.12	18.10 1.10 -6.34	18.05 1.05 -6.99	18.26 1.08 -6.84	22.34 1.59 -6.42	27.17 2.36 -0.93	31.79 2.68 -0.01	30.74 2.41 -0.01	29.45 2.38 -0.01	32.13 2.62 -0.02	33.67 2.72 -0.03	37.48 3.08 -1.65	39.68 3.12 1.45	41.02 2.94 0.67	43.87 2.17 -1.41	47.84 2.36 -0.91	56.54 2.67 -0.44	62.45 3.64 -0.18	59.99 3.38 -0.30	58.79 2.14 -0.33	49.10 1.23 -0.60	42.45 1.60 -0.88	38.23 2.41 -0.92
NORTHPORT___3 23553	26.05 1.78 -11.34	21.49 1.62 -8.13	18.41 1.41 -6.34	18.31 1.31 -7.00	18.54 1.36 -6.85	22.80 2.01 -6.46	27.88 3.03 -0.97	32.63 3.52 -0.01	31.56 3.23 -0.01	30.26 3.19 -0.01	30.40 0.88 -0.04	32.54 1.58 -0.04	35.44 0.85 -1.84	37.35 0.69 1.35	39.14 0.93 0.54	43.68 1.81 -1.57	45.86 0.27 -1.02	39.13 -0.32 13.98	39.13 0.41 19.91	38.60 0.40 18.11	39.21 -1.64 15.47	39.21 -1.94 6.13	39.13 -0.80 0.04	35.90 -0.03 -1.03
NORTHPORT___4 23650	26.05 1.78 -11.34	21.49 1.62 -8.13	18.41 1.41 -6.34	18.31 1.31 -7.00	18.54 1.36 -6.85	22.80 2.01 -6.46	27.88 3.03 -0.97	32.63 3.52 -0.01	31.56 3.23 -0.01	30.26 3.19 -0.01	30.40 0.88 -0.04	32.54 1.58 -0.04	35.44 0.85 -1.84	37.35 0.69 1.35	39.14 0.93 0.54	43.68 1.81 -1.57	45.86 0.27 -1.02	39.13 -0.32 13.98	39.13 0.41 19.91	38.60 0.40 18.11	39.21 -1.64 15.47	39.21 -1.94 6.13	39.13 -0.80 0.04	35.90 -0.03 -1.03
NORTHPORT___IC 23718	25.58 1.40 -11.26	21.16 1.29 -8.13	18.13 1.13 -6.34	18.05 1.05 -6.99	18.26 1.08 -6.85	22.34 1.59 -6.42	27.17 2.36 -0.93	31.79 2.68 -0.01	30.77 2.44 -0.01	29.45 2.38 -0.01	32.22 2.71 -0.02	33.70 2.75 -0.03	37.45 3.05 -1.65	39.60 3.04 1.45	41.02 2.94 0.67	44.04 2.34 -1.41	47.80 2.32 -0.91	56.28 2.40 -0.44	61.92 3.11 -0.18	59.88 3.27 -0.30	58.84 2.20 -0.33	49.10 1.23 -0.59	42.45 1.60 -0.88	38.34 2.51 -0.92
NORTH___COUNTRY_ESR 323785	11.84 -0.39 0.69	9.16 -0.38 2.20	9.79 -0.36 0.51	9.67 -0.34 0.00	9.98 -0.35 0.00	13.83 -0.49 0.02	23.33 -0.55 0.00	28.67 -0.44 0.00	28.01 -0.31 0.00	26.95 -0.11 0.00	29.51 0.03 0.00	30.99 0.06 0.00	32.91 0.16 0.00	37.40 0.15 0.77	38.26 0.12 0.61	40.33 0.04 0.00	44.57 0.00 0.00	53.54 0.11 0.00	58.34 -0.29 0.00	55.86 -0.45 0.00	56.04 -0.28 0.00	47.04 -0.24 0.00	39.65 -0.32 0.00	34.35 -0.56 0.00
NPX_GEN_1385_PROXY 323591	25.58 1.40 -11.26	21.20 1.33 -8.12	19.30 1.14 -7.49	18.60 1.08 -7.51	20.10 1.13 -8.65	23.67 1.65 -7.69	29.48 2.44 -3.17	34.98 2.79 -3.08	30.79 2.46 -0.01	29.34 2.27 -0.01	32.04 2.54 -0.02	32.31 2.60 1.21	33.70 2.95 2.00	35.90 2.97 5.08	38.97 2.79 2.57	41.00 2.05 1.34	44.60 2.23 2.20	56.38 2.51 -0.44	62.57 3.76 -0.18	60.11 3.49 -0.30	58.60 2.26 -0.03	50.57 1.42 -1.87	42.53 1.68 -0.88	38.09 2.27 -0.92
NPX_GEN_CSC 323557	25.71 1.50 -11.29	21.23 1.36 -8.12	18.19 1.18 -6.34	18.09 1.09 -7.00	18.31 1.14 -6.84	22.60 1.83 -6.44	27.22 2.51 -0.83	32.04 2.82 -0.12	30.57 2.24 -0.01	29.31 2.24 -0.01	31.66 2.15 -0.03	33.21 2.26 -0.03	37.17 2.33 -2.09	39.19 2.40 1.22	40.93 2.56 0.38	44.21 2.13 -1.79	47.86 2.14 -1.16	60.21 2.35 -4.43	68.05 3.52 -5.90	66.25 3.66 -6.28	62.20 1.52 -4.36	51.46 0.95 -3.24	42.57 1.20 -1.40	37.81 1.74 -1.16
NSINS_S_GLNS_FALLS 23858	27.91 1.02 -13.96	24.42 0.89 -11.79	24.12 0.83 -12.62	19.49 0.76 -8.73	19.65 0.78 -8.54	28.57 1.18 -13.06	35.41 1.81 -9.72	36.00 1.92 -4.98	30.22 1.90 0.00	28.66 1.60 0.00	31.16 1.68 0.00	32.69 1.76 0.00	33.77 1.02 0.00	36.71 1.25 2.56	38.11 1.39 2.03	41.78 1.49 0.00	46.22 1.65 0.00	55.94 2.51 0.00	62.03 3.40 0.00	62.44 3.60 -2.52	59.58 3.27 0.00	56.24 2.74 -6.22	42.12 2.16 0.01	36.86 1.95 0.00
NUCOR_STEEL___DRP 24197	14.22 0.16 -1.14	13.64 0.14 -1.75	11.55 0.11 -0.78	10.67 0.09 -0.58	10.99 0.09 -0.57	14.95 0.14 -0.48	23.83 -0.05 0.00	29.08 -0.03 0.00	28.32 0.00 0.00	26.90 -0.16 0.00	29.27 -0.21 0.00	30.71 -0.22 0.00	32.62 -0.13 0.00	37.25 -0.08 0.69	38.12 -0.08 0.55	41.50 1.21 0.00	46.13 1.56 0.00	55.46 2.03 0.00	59.92 1.29 0.00	57.83 1.52 0.00	57.90 1.58 0.00	48.36 1.09 0.01	40.60 0.64 0.01	35.57 0.66 0.00
NUMBER_THREE_WT_PWR 323818	13.25 0.00 -0.33	12.79 -0.01 -1.06	10.91 0.00 -0.25	9.96 -0.05 0.00	10.30 -0.03 0.00	14.44 0.10 -0.01	23.83 -0.05 0.00	28.87 -0.23 0.00	28.04 -0.28 0.00	26.46 -0.60 0.00	29.19 -0.29 0.00	30.68 -0.25 0.00	32.49 -0.26 0.00	35.98 -0.19 1.84	36.82 -0.46 1.46	39.96 -0.32 0.00	44.84 0.27 0.00	54.12 0.69 0.00	60.27 1.64 0.00	58.51 2.19 0.00	58.57 2.26 0.00	48.88 1.61 0.01	40.92 0.96 0.01	35.60 0.70 0.00
NYISO_LBMP_REFERENCE 24008	12.92 0.00 0.00	11.75 0.00 0.00	10.66 0.00 0.00	10.01 0.00 0.00	10.33 0.00 0.00	14.33 0.00 0.00	23.88 0.00 0.00	29.10 0.00 0.00	28.32 0.00 0.00	27.06 0.00 0.00	29.48 0.00 0.00	30.92 0.00 0.00	32.75 0.00 0.00	38.02 0.00 0.00	38.75 0.00 0.00	40.29 0.00 0.00	44.57 0.00 0.00	53.43 0.00 0.00	58.63 0.00 0.00	56.31 0.00 0.00	56.32 0.00 0.00	47.28 0.00 0.00	39.97 0.00 0.00	34.91 0.00 0.00
NYPA_BRENTWD____GT 24164	25.82 1.58 -11.32	21.31 1.44 -8.12	18.25 1.25 -6.34	18.17 1.17 -7.00	18.38 1.21 -6.85	22.57 1.79 -6.45	27.51 2.67 -0.96	32.17 3.06 -0.01	31.08 2.75 -0.01	29.80 2.73 -0.01	32.34 2.83 -0.03	33.92 2.97 -0.03	38.33 3.21 -2.37	40.32 3.38 1.07	41.97 3.41 0.19	45.21 2.90 -2.02	48.95 3.07 -1.31	56.39 3.58 0.62	61.78 4.63 1.48	59.48 4.34 1.17	58.41 2.98 0.89	49.50 1.94 -0.28	43.31 2.16 -1.18	38.88 2.65 -1.32

NYPA_GOWANUS____GT5 24156	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.02	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.56 2.65 -0.01
NYPA_GOWANUS____GT6 24157	24.03 1.41 -9.70	21.15 1.28 -8.12	18.08 1.08 -6.33	18.02 1.02 -6.99	18.22 1.05 -6.84	21.50 1.50 -5.67	26.15 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.60 2.54 0.00	32.21 2.71 -0.02	33.85 2.91 -0.02	35.72 2.95 -0.03	39.14 3.42 2.30	41.38 2.79 0.16	43.45 3.14 -0.02	48.09 3.52 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.11 1.84 0.01	42.40 2.44 0.01	37.56 2.65 -0.01
NYPA_HARLEM__RVR__GT1 24160	23.94 1.32 -9.70	21.11 1.24 -8.12	18.04 1.05 -6.33	17.98 0.98 -6.99	18.19 1.02 -6.84	21.47 1.48 -5.67	25.90 2.03 0.00	31.37 2.27 0.01	30.47 2.15 0.01	29.40 2.35 0.01	31.96 2.48 -0.01	33.59 2.66 -0.01	35.51 2.75 -0.01	38.90 3.19 2.31	42.51 3.02 -0.74	43.16 2.86 -0.01	47.59 3.03 0.01	57.06 3.64 0.01	63.08 4.45 0.01	60.14 3.83 0.01	59.13 2.81 0.01	48.63 1.37 0.02	42.20 2.24 0.01	37.43 2.51 -0.01
NYPA_HARLEM__RVR__GT2 24161	23.94 1.32 -9.70	21.11 1.24 -8.12	18.04 1.05 -6.33	17.98 0.98 -6.99	18.19 1.02 -6.84	21.47 1.48 -5.67	25.90 2.03 0.00	31.37 2.27 0.01	30.47 2.15 0.01	29.40 2.35 0.01	31.96 2.48 -0.01	33.59 2.66 -0.01	35.51 2.75 -0.01	38.90 3.19 2.31	42.51 3.02 -0.74	43.16 2.86 -0.01	47.59 3.03 0.01	57.06 3.64 0.01	63.08 4.45 0.01	60.14 3.83 0.01	59.13 2.81 0.01	48.63 1.37 0.02	42.20 2.24 0.01	37.43 2.51 -0.01
NYPA_KENT____GT 24152	23.99 1.37 -9.70	21.12 1.26 -8.12	18.06 1.06 -6.33	17.99 0.99 -6.99	18.19 1.02 -6.84	21.46 1.46 -5.67	26.10 2.22 0.00	31.58 2.47 0.00	30.65 2.32 0.00	29.55 2.49 0.00	32.12 2.62 -0.02	33.76 2.81 -0.03	35.66 2.88 -0.03	39.02 3.31 2.30	41.53 2.94 0.16	43.33 3.02 -0.02	47.95 3.39 0.00	57.55 4.11 0.00	63.56 4.93 0.00	60.54 4.23 0.00	59.47 3.15 0.00	49.07 1.80 0.01	42.28 2.32 0.01	37.43 2.51 -0.01
NYPA_POUCH1____GT 24155	24.08 1.46 -9.70	21.19 1.33 -8.12	18.11 1.11 -6.33	18.05 1.05 -6.99	18.25 1.08 -6.84	21.55 1.55 -5.67	26.22 2.34 0.00	31.72 2.62 0.00	30.73 2.41 0.00	29.66 2.60 0.00	32.27 2.77 -0.02	33.92 2.97 -0.03	35.72 2.95 -0.03	39.18 3.46 2.30	41.03 2.44 0.16	43.41 3.10 -0.02	48.05 3.48 0.00	57.71 4.28 0.00	63.79 5.16 0.00	60.71 4.40 0.00	59.64 3.32 0.00	49.07 1.80 0.01	42.44 2.48 0.01	37.67 2.76 -0.01
NYPA_VERNON____GT2 24162	23.94 1.32 -9.70	21.09 1.22 -8.12	18.02 1.02 -6.33	17.97 0.97 -6.99	18.17 1.00 -6.84	21.43 1.43 -5.67	26.03 2.15 0.00	31.52 2.41 0.00	30.59 2.27 0.00	29.47 2.41 0.00	32.03 2.54 -0.02	33.63 2.69 -0.02	35.59 2.82 -0.02	38.91 3.19 2.30	41.65 3.06 0.16	43.24 2.94 -0.02	47.82 3.25 0.00	57.38 3.95 0.00	63.38 4.75 0.00	60.42 4.11 0.00	59.36 3.04 0.00	48.97 1.70 0.01	42.16 2.20 0.01	37.31 2.41 0.00
NYPA_VERNON____GT3 24163	23.94 1.32 -9.70	21.09 1.22 -8.12	18.02 1.02 -6.33	17.97 0.97 -6.99	18.17 1.00 -6.84	21.43 1.43 -5.67	26.03 2.15 0.00	31.52 2.41 0.00	30.59 2.27 0.00	29.47 2.41 0.00	32.03 2.54 -0.02	33.63 2.69 -0.02	35.59 2.82 -0.02	38.91 3.19 2.30	41.65 3.06 0.16	43.24 2.94 -0.02	47.82 3.25 0.00	57.38 3.95 0.00	63.38 4.75 0.00	60.42 4.11 0.00	59.36 3.04 0.00	48.97 1.70 0.01	42.16 2.20 0.01	37.31 2.41 0.00
NYPA____ASTORIA_CC1 323568	23.94 1.32 -9.70	21.09 1.22 -8.12	18.02 1.02 -6.33	17.97 0.97 -6.99	18.17 1.00 -6.84	21.43 1.43 -5.67	26.00 2.12 0.00	31.49 2.39 0.00	30.56 2.24 0.00	29.44 2.38 0.00	32.00 2.50 -0.02	33.60 2.66 -0.02	35.52 2.75 -0.02	38.87 3.15 2.30	41.61 3.02 0.16	43.17 2.86 -0.02	47.73 3.16 0.00	57.22 3.79 0.01	63.20 4.58 0.01	60.25 3.94 0.01	59.18 2.87 0.01	48.82 1.56 0.02	42.08 2.12 0.01	37.28 2.37 0.00
NYPA____ASTORIA_CC2 323569	23.94 1.32 -9.70	21.09 1.22 -8.12	18.02 1.02 -6.33	17.97 0.97 -6.99	18.17 1.00 -6.84	21.43 1.43 -5.67	26.00 2.12 0.00	31.49 2.39 0.00	30.56 2.24 0.00	29.44 2.38 0.00	32.00 2.50 -0.02	33.60 2.66 -0.02	35.52 2.75 -0.02	38.87 3.15 2.30	41.61 3.02 0.16	43.17 2.86 -0.02	47.73 3.16 0.00	57.22 3.79 0.01	63.20 4.58 0.01	60.25 3.94 0.01	59.18 2.87 0.01	48.82 1.56 0.02	42.08 2.12 0.01	37.28 2.37 0.00
NYPA____HOLTSVILL 23794	25.72 1.51 -11.29	21.24 1.37 -8.12	18.20 1.19 -6.34	18.11 1.11 -7.00	18.33 1.16 -6.84	22.51 1.75 -6.43	27.35 2.53 -0.94	32.00 2.88 -0.01	30.85 2.52 -0.01	29.59 2.52 -0.01	32.01 2.50 -0.03	33.58 2.63 -0.03	37.50 2.69 -2.06	39.59 2.81 1.24	41.29 2.94 0.40	44.51 2.46 -1.76	48.16 2.45 -1.14	60.54 2.62 -4.49	67.97 3.64 -5.70	65.20 3.49 -5.40	62.96 1.92 -4.72	50.97 1.09 -2.60	42.87 1.52 -1.38	38.15 2.09 -1.15
NYPA____HELLGATE_GT1 24158	23.94 1.32 -9.70	21.11 1.24 -8.12	18.04 1.05 -6.33	17.98 0.98 -6.99	18.19 1.02 -6.84	21.47 1.48 -5.67	25.90 2.03 0.00	31.37 2.27 0.01	30.47 2.15 0.01	29.40 2.35 0.01	31.96 2.48 -0.01	33.60 2.66 -0.02	35.52 2.75 -0.02	38.90 3.19 2.31	40.12 3.02 1.65	43.16 2.86 -0.01	47.59 3.03 0.01	57.06 3.64 0.01	63.08 4.45 0.01	60.14 3.83 0.01	59.13 2.81 0.01	48.63 1.37 0.02	42.20 2.24 0.01	37.43 2.51 -0.01
NYPA____HELLGATE_GT2 24159	23.94 1.32 -9.70	21.11 1.24 -8.12	18.04 1.05 -6.33	17.98 0.98 -6.99	18.19 1.02 -6.84	21.47 1.48 -5.67	25.90 2.03 0.00	31.37 2.27 0.01	30.47 2.15 0.01	29.40 2.35 0.01	31.96 2.48 -0.01	33.60 2.66 -0.02	35.52 2.75 -0.02	38.90 3.19 2.31	40.12 3.02 1.65	43.16 2.86 -0.01	47.59 3.03 0.01	57.06 3.64 0.01	63.08 4.45 0.01	60.14 3.83 0.01	59.13 2.81 0.01	48.63 1.37 0.02	42.20 2.24 0.01	37.43 2.51 -0.01
NYS_BARGE____HYD 23848	13.87 -0.52 -1.46	13.27 -0.48 -2.01	11.15 -0.50 -0.98	10.38 -0.44 -0.81	10.68 -0.44 -0.79	14.34 -0.66 -0.66	22.16 -1.72 0.00	23.20 -1.72 4.19	23.70 -1.50 3.12	24.87 -1.73 0.45	24.92 -1.86 2.71	27.60 -1.85 1.47	26.49 -1.80 4.46	28.43 -1.86 7.73	30.10 -1.97 6.67	33.13 -1.61 5.54	40.28 -1.78 2.51	50.76 -2.67 0.00	56.58 -2.05 0.00	55.19 -1.13 0.00	55.98 -0.34 0.00	46.61 -0.66 0.01	38.96 -1.00 0.01	34.77 -0.14 0.00
OAK ORCHARD____HYD 24046	14.03 -0.06 -1.18	13.48 -0.06 -1.80	11.37 -0.10 -0.80	10.53 -0.07 -0.60	10.83 -0.08 -0.59	14.69 -0.13 -0.49	23.14 -0.74 0.00	27.37 -0.87 0.86	26.99 -0.71 0.62	26.08 -0.89 0.09	27.97 -0.97 0.54	29.64 -0.99 0.30	31.01 -0.85 0.89	33.70 -0.72 3.59	34.94 -0.85 2.96	38.97 -0.24 1.08	43.86 -0.22 0.49	53.06 -0.37 0.00	58.87 0.24 0.00	56.99 0.68 0.00	57.56 1.24 0.00	47.88 0.61 0.01	40.04 0.08 0.01	35.43 0.52 0.00

OAKDALE___35_KV_LOAD 356122	16.18 0.10 -3.15	15.12 0.09 -3.28	12.81 0.06 -2.08	12.14 0.06 -2.07	12.42 0.06 -2.03	16.12 0.10 -1.69	23.83 -0.05 0.00	29.82 -0.03 -0.75	28.24 -0.08 0.00	26.82 -0.24 0.00	29.24 -0.24 0.00	30.68 -0.25 0.00	32.52 -0.23 0.00	35.27 -0.19 2.56	36.53 -0.19 2.03	40.33 0.04 0.00	44.75 0.18 0.00	53.80 0.37 0.00	59.57 0.94 0.00	57.55 1.24 0.00	57.50 1.18 0.00	48.02 0.76 0.01	40.40 0.44 0.01	35.50 0.59 0.00
OCC_CHEM___DRP 24175	13.88 -0.54 -1.50	13.29 -0.49 -2.04	11.14 -0.53 -1.01	10.39 -0.45 -0.84	10.67 -0.48 -0.82	14.34 -0.67 -0.69	21.73 -2.15 0.00	22.79 -2.07 4.24	23.30 -1.87 3.15	24.14 -2.46 0.46	24.43 -2.30 2.75	27.07 -2.35 1.50	25.97 -2.26 4.52	27.80 -2.39 7.82	29.51 -2.48 6.75	32.18 -2.30 5.81	39.59 -2.36 2.62	49.42 -4.01 0.00	55.05 -3.58 0.00	53.67 -2.65 0.00	54.35 -1.97 0.00	45.47 -1.80 0.01	38.04 -1.92 0.01	34.00 -0.91 0.00
OH_GEN_PROXY 24063	13.87 -0.53 -1.48	13.30 -0.47 -2.03	11.17 -0.49 -1.00	10.40 -0.43 -0.82	10.70 -0.43 -0.81	14.36 -0.64 -0.68	21.98 -1.79 0.11	23.50 -2.04 3.57	23.80 -1.81 2.71	24.61 -2.06 0.39	24.90 -2.21 2.37	27.40 -2.23 1.30	26.63 -2.23 3.89	28.51 -2.39 7.12	30.11 -2.52 6.12	33.00 -2.26 5.03	39.85 -2.45 2.27	50.33 -3.10 0.00	55.99 -2.64 0.00	54.57 -1.75 0.00	55.06 -0.96 0.30	46.43 -1.14 -0.29	38.64 -1.32 0.01	34.49 -0.42 0.00
OLIN_CORP_DRP 24177	13.76 -0.67 -1.51	13.18 -0.61 -2.05	11.05 -0.63 -1.02	10.30 -0.55 -0.85	10.58 -0.58 -0.83	14.22 -0.80 -0.69	21.87 -2.01 0.00	22.78 -1.98 4.34	23.30 -1.78 3.24	24.59 -2.00 0.47	24.47 -2.21 2.80	27.15 -2.26 1.52	25.96 -2.16 4.62	27.81 -2.28 7.92	29.54 -2.36 6.85	32.37 -2.18 5.74	39.70 -2.27 2.60	49.80 -3.63 0.00	55.58 -3.05 0.00	54.06 -2.25 0.00	54.74 -1.58 0.00	45.80 -1.47 0.01	38.24 -1.72 0.01	34.17 -0.73 0.00
OLIN_CORP_DSASP 323712	13.88 -0.54 -1.50	13.29 -0.49 -2.04	11.17 -0.50 -1.01	10.39 -0.45 -0.84	10.70 -0.44 -0.82	14.34 -0.67 -0.69	21.73 -2.15 0.00	22.79 -2.07 4.24	23.33 -1.84 3.15	24.17 -2.44 0.46	24.49 -2.24 2.75	27.17 -2.26 1.50	25.97 -2.26 4.52	27.80 -2.39 7.82	29.48 -2.52 6.75	32.30 -2.22 5.78	39.51 -2.45 2.60	49.48 -3.95 0.00	55.05 -3.58 0.00	53.72 -2.59 0.00	54.51 -1.80 0.00	45.47 -1.80 0.01	38.12 -1.84 0.01	34.07 -0.84 0.00
ONEIDA_HERK_LFGE 323681	13.66 0.26 -0.48	13.49 0.23 -1.51	11.23 0.21 -0.35	10.17 0.16 0.00	10.51 0.19 0.00	14.70 0.36 -0.01	24.26 0.38 0.00	29.40 0.29 0.00	28.58 0.25 0.00	27.06 0.00 0.00	29.63 0.15 0.00	31.11 0.19 0.00	32.95 0.20 0.00	35.97 0.34 2.39	37.16 0.31 1.89	40.73 0.44 0.00	45.41 0.84 0.00	54.66 1.23 0.00	60.74 2.11 0.00	58.73 2.42 0.00	58.63 2.31 0.00	48.97 1.70 0.01	41.12 1.16 0.01	35.92 1.01 0.00
ONEIDA___115KV_TB4 55905	13.87 0.47 -0.48	13.69 0.41 -1.53	11.40 0.37 -0.36	10.33 0.32 0.00	10.66 0.33 0.00	14.91 0.57 -0.01	24.57 0.69 0.00	29.80 0.70 0.00	28.97 0.65 0.00	27.44 0.38 0.00	29.98 0.50 0.00	31.48 0.56 0.00	33.34 0.59 0.00	36.58 0.84 2.27	37.84 0.89 1.80	41.42 1.13 0.00	46.08 1.52 0.00	55.14 1.71 0.00	61.21 2.58 0.00	59.19 2.87 0.00	59.13 2.82 0.00	49.39 2.13 0.01	41.44 1.48 0.01	36.23 1.33 0.00
ONONDAGA_REF_OCCRA 23987	13.95 0.10 -0.92	13.44 0.08 -1.61	11.36 0.06 -0.63	10.46 0.05 -0.40	10.77 0.05 -0.40	14.74 0.07 -0.34	23.73 -0.14 0.00	28.93 -0.17 0.00	28.18 -0.14 0.00	26.82 -0.24 0.00	29.21 -0.27 0.00	30.65 -0.28 0.00	32.52 -0.23 0.00	36.42 -0.19 1.41	37.48 -0.15 1.11	40.57 0.28 0.00	45.01 0.45 0.00	53.97 0.53 0.00	59.28 0.64 0.00	57.16 0.84 0.00	57.11 0.79 0.00	47.74 0.47 0.01	40.12 0.16 0.01	35.15 0.24 0.00
ONONDAGA___COGEN 23986	13.96 0.12 -0.92	13.42 0.09 -1.58	11.37 0.07 -0.63	10.48 0.06 -0.41	10.79 0.06 -0.40	14.76 0.09 -0.34	23.76 -0.12 0.00	28.96 -0.15 0.00	28.21 -0.11 0.00	26.84 -0.22 0.00	29.21 -0.27 0.00	30.65 -0.28 0.00	32.52 -0.23 0.00	37.31 -0.19 0.52	38.18 -0.15 0.41	41.09 0.81 0.00	45.64 1.07 0.00	54.71 1.28 0.00	59.33 0.70 0.00	57.21 0.90 0.00	57.22 0.90 0.00	47.84 0.57 0.01	40.20 0.24 0.01	35.22 0.31 0.00
ONTARIO___LFGE 23819	14.76 0.17 -1.67	14.03 0.13 -2.15	11.87 0.08 -1.12	11.05 0.07 -0.97	11.38 0.10 -0.95	15.31 0.19 -0.80	23.97 0.10 0.00	35.29 0.29 -5.90	33.09 0.28 -4.48	27.71 0.00 -0.65	33.45 0.06 -3.91	33.22 0.16 -2.14	39.28 0.10 -6.43	44.10 0.08 -6.01	44.38 0.08 -5.55	49.50 0.85 -8.37	49.59 1.25 -3.77	55.78 2.35 0.00	61.39 2.76 0.00	59.52 3.21 0.00	59.58 3.27 0.00	49.59 2.32 0.01	41.64 1.68 0.01	36.44 1.53 0.00
ORANGEVILLE_WT_PWR 323706	14.12 -0.66 -1.86	13.42 -0.63 -2.31	11.29 -0.62 -1.24	10.55 -0.56 -1.11	10.86 -0.55 -1.08	14.47 -0.76 -0.90	22.16 -1.72 0.00	6.72 -1.98 20.41	11.24 -1.87 15.21	22.85 -2.00 2.21	14.12 -2.09 13.27	21.57 -2.10 7.25	8.68 -2.23 21.84	8.01 -2.51 27.50	11.67 -2.60 24.48	9.90 -2.42 27.97	29.46 -2.49 12.62	51.35 -2.08 0.00	57.34 -1.29 0.00	56.09 -0.22 0.00	56.77 0.45 0.00	47.22 -0.05 0.01	39.40 -0.56 0.01	34.73 -0.17 0.00
ORANGEVILLE___ESR 323794	14.12 -0.66 -1.86	13.42 -0.63 -2.31	11.29 -0.62 -1.24	10.55 -0.56 -1.11	10.86 -0.55 -1.08	14.47 -0.76 -0.90	22.16 -1.72 0.00	6.72 -1.98 20.41	11.24 -1.87 15.21	22.85 -2.00 2.21	14.12 -2.09 13.27	21.57 -2.10 7.25	8.68 -2.23 21.84	8.01 -2.51 27.50	11.67 -2.60 24.48	9.90 -2.42 27.97	29.46 -2.49 12.62	51.35 -2.08 0.00	57.34 -1.29 0.00	56.09 -0.22 0.00	56.77 0.45 0.00	47.22 -0.05 0.01	39.40 -0.56 0.01	34.73 -0.17 0.00
OSWEGATCHIE___HYD 24044	12.69 -0.30 -0.06	11.66 -0.28 -0.20	10.47 -0.24 -0.05	9.74 -0.27 0.00	10.06 -0.27 0.00	14.09 -0.24 0.00	23.40 -0.48 0.00	28.49 -0.61 0.00	27.67 -0.65 0.00	26.22 -0.84 0.00	28.80 -0.68 0.00	30.27 -0.65 0.00	32.10 -0.65 0.00	35.96 -0.65 1.40	36.82 -0.82 1.11	39.56 -0.72 0.00	44.17 -0.40 0.00	53.22 -0.21 0.00	58.99 0.35 0.00	57.10 0.79 0.00	57.27 0.96 0.00	47.93 0.66 0.01	40.17 0.20 0.01	34.84 -0.07 0.00
OSWEGO___5 23606	13.41 -0.13 -0.62	12.91 -0.12 -1.28	10.99 -0.11 -0.43	10.10 -0.11 -0.21	10.42 -0.11 -0.20	14.35 -0.16 -0.18	23.37 -0.50 0.00	28.44 -0.67 0.00	27.70 -0.62 0.00	26.38 -0.68 0.00	28.71 -0.77 0.00	30.12 -0.80 0.00	31.90 -0.85 0.00	40.28 -0.95 -3.22	40.33 -0.97 -2.55	39.28 -1.01 0.00	43.50 -1.07 0.00	52.15 -1.28 0.00	57.87 -0.76 0.00	55.75 -0.56 0.00	55.70 -0.62 0.00	46.63 -0.66 -0.01	39.30 -0.68 -0.01	34.45 -0.45 0.00
OSWEGO___6 23613	13.41 -0.13 -0.62	12.91 -0.12 -1.28	10.99 -0.11 -0.43	10.10 -0.11 -0.21	10.42 -0.11 -0.20	14.35 -0.16 -0.18	23.37 -0.50 0.00	28.44 -0.67 0.00	27.70 -0.62 0.00	26.38 -0.68 0.00	28.71 -0.77 0.00	30.12 -0.80 0.00	31.90 -0.85 0.00	40.28 -0.95 -3.22	40.33 -0.97 -2.55	39.28 -1.01 0.00	43.50 -1.07 0.00	52.15 -1.28 0.00	57.87 -0.76 0.00	55.75 -0.56 0.00	55.70 -0.62 0.00	46.63 -0.66 -0.01	39.30 -0.68 -0.01	34.45 -0.45 0.00

OUTOKUMPU-AB___DRP 24206	14.04 -0.41 -1.53	13.41 -0.40 -2.06	11.25 -0.44 -1.03	10.50 -0.37 -0.86	10.78 -0.39 -0.84	14.49 -0.54 -0.70	22.20 -1.67 0.00	22.94 -1.63 4.54	23.52 -1.42 3.39	24.78 -1.79 0.49	24.76 -1.77 2.95	27.55 -1.76 1.61	26.25 -1.64 4.86	28.15 -1.67 8.19	29.92 -1.74 7.09	32.57 -1.53 6.19	40.26 -1.52 2.79	51.08 -2.35 0.00	56.93 -1.70 0.00	55.47 -0.84 0.00	56.04 -0.28 0.00	46.89 -0.38 0.01	39.12 -0.84 0.01	34.91 0.00 0.00
OXBOW___BTM 323836	13.98 -0.45 -1.51	13.37 -0.42 -2.05	11.23 -0.45 -1.02	10.45 -0.40 -0.85	10.77 -0.39 -0.83	14.44 -0.59 -0.70	21.99 -1.89 0.00	22.88 -1.83 4.39	23.47 -1.59 3.27	24.50 -2.08 0.47	24.71 -1.92 2.85	27.45 -1.92 1.56	26.16 -1.90 4.69	28.07 -1.94 8.01	29.77 -2.05 6.92	32.61 -1.73 5.95	39.97 -1.92 2.68	50.44 -2.99 0.00	55.82 -2.81 0.00	54.80 -1.52 0.00	55.53 -0.79 0.00	46.27 -1.00 0.01	38.72 -1.24 0.01	34.59 -0.31 0.00
OXBOW___ 24026	13.98 -0.45 -1.51	13.37 -0.42 -2.05	11.21 -0.47 -1.02	10.45 -0.40 -0.85	10.73 -0.42 -0.83	14.44 -0.59 -0.70	21.99 -1.89 0.00	22.91 -1.80 4.39	23.44 -1.61 3.27	24.50 -2.08 0.47	24.62 -2.00 2.85	27.36 -2.01 1.56	26.19 -1.87 4.69	28.07 -1.94 8.01	29.81 -2.01 6.92	32.47 -1.81 6.00	40.03 -1.83 2.71	50.39 -3.05 0.00	55.82 -2.81 0.00	54.74 -1.58 0.00	55.19 -1.13 0.00	46.27 -0.99 0.01	38.64 -1.32 0.01	34.52 -0.38 0.00
OXY_CHEM_DSASP 323612	13.88 -0.54 -1.50	13.29 -0.49 -2.04	11.14 -0.53 -1.01	10.39 -0.45 -0.84	10.67 -0.48 -0.82	14.34 -0.67 -0.69	21.73 -2.15 0.00	22.79 -2.07 4.24	23.30 -1.87 3.15	24.14 -2.46 0.46	24.43 -2.30 2.75	27.07 -2.35 1.50	25.97 -2.26 4.52	27.80 -2.39 7.82	29.51 -2.48 6.75	32.18 -2.30 5.81	39.59 -2.36 2.62	49.42 -4.01 0.00	55.05 -3.58 0.00	53.67 -2.65 0.00	54.35 -1.97 0.00	45.47 -1.80 0.01	38.04 -1.92 0.01	34.00 -0.91 0.00
OZONE_PARK_ESR 323760	23.98 1.37 -9.69	21.12 1.26 -8.11	18.08 1.09 -6.33	17.98 0.99 -6.98	18.18 1.02 -6.83	21.45 1.46 -5.66	26.14 2.27 0.00	31.69 2.59 0.00	30.76 2.44 0.00	29.60 2.54 0.00	32.26 2.77 -0.01	33.85 2.91 -0.02	35.78 3.01 -0.02	39.13 3.42 2.30	41.85 3.56 0.46	43.61 3.30 -0.01	48.31 3.74 0.00	57.71 4.27 0.00	63.73 5.10 0.00	61.16 4.84 0.00	60.20 3.89 0.00	49.68 2.41 0.01	42.52 2.56 0.01	37.49 2.58 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	13.88 -0.54 -1.50	13.29 -0.49 -2.04	11.14 -0.53 -1.01	10.39 -0.45 -0.84	10.67 -0.48 -0.82	14.34 -0.67 -0.69	21.73 -2.15 0.00	22.79 -2.07 4.24	23.30 -1.87 3.15	24.14 -2.46 0.46	24.43 -2.30 2.75	27.07 -2.35 1.50	25.97 -2.26 4.52	27.80 -2.39 7.82	29.51 -2.48 6.75	32.18 -2.30 5.81	39.59 -2.36 2.62	49.42 -4.01 0.00	55.05 -3.58 0.00	53.67 -2.65 0.00	54.35 -1.97 0.00	45.47 -1.80 0.01	38.04 -1.92 0.01	34.00 -0.91 0.00
PACKARD__115KV_DUPONT_184 80571	13.88 -0.54 -1.50	13.29 -0.49 -2.04	11.14 -0.53 -1.01	10.39 -0.45 -0.84	10.67 -0.48 -0.82	14.34 -0.67 -0.69	21.73 -2.15 0.00	22.79 -2.07 4.24	23.30 -1.87 3.15	24.14 -2.46 0.46	24.43 -2.30 2.75	27.07 -2.35 1.50	25.97 -2.26 4.52	27.80 -2.39 7.82	29.51 -2.48 6.75	32.18 -2.30 5.81	39.59 -2.36 2.62	49.42 -4.01 0.00	55.05 -3.58 0.00	53.67 -2.65 0.00	54.35 -1.97 0.00	45.47 -1.80 0.01	38.04 -1.92 0.01	34.00 -0.91 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	23.95 1.33 -9.70	21.11 1.24 -8.12	18.08 1.08 -6.33	17.99 0.99 -6.99	18.19 1.02 -6.84	21.46 1.46 -5.67	25.93 2.05 0.00	31.37 2.27 0.00	30.45 2.12 0.00	29.33 2.27 0.00	31.94 2.45 -0.02	33.50 2.57 -0.01	35.44 2.69 -0.01	38.68 2.97 2.30	39.92 2.94 1.77	43.04 2.74 -0.02	47.51 2.94 0.00	56.68 3.26 0.01	62.55 3.93 0.01	60.02 3.72 0.01	59.18 2.87 0.01	48.68 1.42 0.02	42.16 2.20 0.01	37.43 2.51 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	24.05 1.43 -9.70	21.22 1.35 -8.12	18.16 1.16 -6.33	18.07 1.07 -6.99	18.27 1.10 -6.84	21.57 1.58 -5.67	26.12 2.24 0.00	31.58 2.47 0.00	30.64 2.32 0.00	29.52 2.46 0.00	32.15 2.65 -0.02	33.72 2.78 -0.01	35.64 2.88 -0.01	38.95 3.23 2.30	40.23 3.25 1.77	43.33 3.02 -0.02	47.87 3.30 0.00	57.11 3.69 0.01	63.08 4.46 0.01	60.58 4.28 0.01	59.69 3.38 0.01	49.10 1.84 0.02	42.52 2.56 0.01	37.74 2.83 -0.01
PATROON__115KV_TB1 80586	24.53 0.44 -11.17	21.24 0.39 -9.11	17.18 0.37 -6.14	18.94 0.37 -8.56	19.09 0.38 -8.38	19.80 0.50 -4.97	21.35 0.67 3.19	28.08 0.61 1.63	28.80 0.48 0.00	27.49 0.43 0.00	29.95 0.47 0.00	31.45 0.53 0.00	33.18 0.43 0.00	36.04 0.53 2.51	37.26 0.50 1.99	40.73 0.44 0.00	45.06 0.49 0.00	54.02 0.59 0.00	59.69 1.06 0.00	56.72 1.24 0.83	57.05 0.73 0.00	43.83 0.38 3.83	40.32 0.36 0.01	35.36 0.45 0.00
PATTRSNVILLE___SOLAR 323815	26.36 0.67 -12.77	22.90 0.60 -10.55	20.26 0.53 -9.06	19.47 0.49 -8.97	19.61 0.51 -8.78	23.61 0.76 -8.52	26.98 1.08 -2.03	31.13 0.99 -1.04	29.11 0.79 0.00	27.71 0.65 0.00	30.10 0.62 0.00	31.54 0.62 0.00	33.27 0.52 0.00	36.09 0.65 2.57	37.44 0.73 2.04	41.09 0.81 0.00	45.64 1.07 0.00	55.09 1.66 0.00	61.21 2.58 0.00	59.71 2.87 -0.53	58.91 2.59 0.00	50.80 1.99 -1.54	41.60 1.64 0.01	36.41 1.50 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	13.92 -0.67 -1.67	13.27 -0.65 -2.17	11.13 -0.65 -1.12	10.39 -0.58 -0.97	10.66 -0.61 -0.95	14.29 -0.83 -0.79	22.40 -1.48 0.00	23.08 -1.51 4.51	23.61 -1.33 3.39	25.08 -1.49 0.49	24.91 -1.62 2.95	27.68 -1.64 1.61	26.23 -1.67 4.85	27.95 -1.90 8.17	29.70 -1.98 7.07	31.99 -2.14 6.17	39.56 -2.23 2.78	51.99 -1.44 0.00	57.99 -0.64 0.00	56.43 0.11 0.00	56.88 0.56 0.00	47.45 0.19 0.01	39.56 -0.40 0.01	35.15 0.24 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	23.85 1.19 -9.73	20.99 1.09 -8.15	17.96 0.94 -6.36	17.93 0.90 -7.02	18.12 0.93 -6.87	21.34 1.32 -5.69	25.88 2.01 0.00	31.35 2.24 0.00	30.45 2.12 0.00	29.17 2.11 0.00	31.78 2.30 0.00	33.34 2.41 0.00	35.27 2.52 0.00	38.62 2.93 2.32	39.93 3.02 1.84	43.11 2.82 0.00	47.82 3.25 0.00	57.33 3.90 0.00	63.50 4.87 0.00	60.93 4.62 0.00	60.26 3.94 0.00	49.77 2.51 0.01	42.32 2.36 0.01	37.24 2.34 0.00
PEEKSKILL___ 23653	23.67 1.14 -9.61	20.84 1.04 -8.05	17.82 0.88 -6.27	17.77 0.84 -6.93	17.97 0.87 -6.78	21.19 1.25 -5.61	25.76 1.89 0.00	31.23 2.12 0.00	30.28 1.95 0.00	29.06 2.00 0.00	31.57 2.09 0.00	33.15 2.23 0.00	35.11 2.36 0.00	38.33 2.62 2.31	39.67 2.71 1.79	42.71 2.42 0.00	47.33 2.76 0.00	56.90 3.47 0.00	62.91 4.28 0.00	60.14 3.83 0.00	59.25 2.93 0.00	49.07 1.80 0.01	41.80 1.84 0.01	36.82 1.92 0.00
PGE MADISON___WINDPWR 24146	16.70 0.68 -3.10	15.58 0.60 -3.24	13.24 0.53 -2.05	12.48 0.44 -2.03	12.79 0.48 -1.99	16.89 0.90 -1.65	25.07 1.19 0.00	31.59 1.34 -1.15	30.41 1.24 -0.84	27.91 0.73 -0.12	31.15 0.94 -0.73	32.44 1.11 -0.40	35.13 1.18 -1.20	38.67 1.67 1.01	39.99 1.90 0.66	44.45 2.50 -1.66	48.53 3.21 -0.75	57.97 4.54 0.00	64.73 6.10 0.00	62.73 6.42 0.00	62.79 6.47 0.00	52.14 4.87 0.01	43.44 3.48 0.01	37.94 3.04 0.00

PIERCEFIELD___HYD 23852	11.84 -0.72 0.36	9.95 -0.66 1.14	9.80 -0.60 0.27	9.43 -0.58 0.00	9.74 -0.59 0.00	13.55 -0.77 0.01	22.87 -1.00 0.00	28.11 -0.99 0.00	27.36 -0.96 0.00	26.17 -0.89 0.00	28.68 -0.80 0.00	30.12 -0.80 0.00	31.96 -0.79 0.00	36.09 -0.87 1.05	36.98 -0.93 0.83	39.32 -0.97 0.00	43.59 -0.98 0.00	52.42 -1.02 0.00	57.11 -1.52 0.00	54.74 -1.58 0.00	55.08 -1.24 0.00	46.42 -0.85 0.01	39.17 -0.80 0.01	33.79 -1.12 0.00
PINELAWN_CC_1 323563	25.87 1.50 -11.45	21.24 1.37 -8.13	18.18 1.17 -6.34	18.11 1.11 -7.00	18.33 1.16 -6.85	22.52 1.68 -6.51	27.44 2.53 -1.04	32.00 2.88 -0.01	30.97 2.63 -0.01	29.67 2.60 -0.01	32.15 2.62 -0.05	33.76 2.78 -0.05	39.68 3.01 -3.91	40.99 3.23 0.26	42.86 3.26 -0.86	46.12 2.50 -3.34	49.31 2.58 -2.16	56.58 2.83 -0.32	61.80 3.76 0.58	59.54 3.44 0.21	58.63 2.31 0.00	49.94 1.56 -1.10	43.91 1.88 -2.06	39.61 2.51 -2.19
PJM_GEN_HTTP_PROXY 323702	23.86 1.25 -9.69	21.00 1.14 -8.11	17.96 0.97 -6.33	17.90 0.91 -6.98	18.10 0.94 -6.83	21.34 1.35 -5.66	25.85 2.08 0.11	31.54 2.33 -0.11	30.50 2.18 0.00	29.33 2.27 0.00	31.91 2.42 -0.01	33.47 2.54 -0.01	35.48 2.72 -0.01	38.71 3.00 2.31	41.13 3.18 0.79	43.12 2.82 -0.01	47.82 3.25 0.00	57.44 4.01 0.00	63.44 4.81 0.00	60.54 4.23 0.00	59.17 3.15 0.30	49.46 1.89 -0.29	42.04 2.08 0.01	37.11 2.20 0.00
PJM_GEN_KEystone 24065	19.26 0.32 -6.02	17.46 0.29 -5.42	14.82 0.21 -3.94	14.44 0.21 -4.22	14.68 0.23 -4.13	18.08 0.33 -3.42	24.06 0.29 0.11	28.64 0.32 0.78	27.99 0.31 0.64	27.24 0.27 0.09	29.16 0.23 0.56	30.96 0.34 0.30	32.19 0.36 0.92	34.91 0.38 3.48	36.40 0.43 2.78	39.36 0.24 1.17	44.36 0.31 0.53	54.18 0.75 0.00	59.98 1.35 0.00	57.83 1.52 0.00	57.20 1.18 0.30	48.04 0.47 -0.29	40.40 0.44 0.01	35.71 0.80 0.00
PJM_GEN_NEPTUNE_PROXY 323594	25.38 1.29 -11.17	21.07 1.20 -8.12	18.01 1.01 -6.34	17.99 0.99 -6.99	18.19 1.02 -6.84	22.15 1.45 -6.38	26.81 2.17 -0.76	31.69 2.47 -0.11	30.62 2.29 -0.01	29.37 2.30 -0.01	31.85 2.36 -0.01	33.44 2.50 -0.01	35.88 2.75 -0.38	38.89 3.00 2.13	40.20 2.98 1.53	43.11 2.50 -0.33	47.55 2.76 -0.21	56.85 3.31 -0.11	62.84 4.16 -0.05	60.16 3.77 -0.07	59.07 2.98 0.23	49.59 1.89 -0.42	42.27 2.12 -0.19	37.41 2.30 -0.20
PJM_GEN_VFT_PROXY 323633	23.80 1.19 -9.69	20.96 1.10 -8.11	17.92 0.93 -6.33	17.87 0.88 -6.98	18.06 0.90 -6.83	21.28 1.29 -5.66	25.73 1.96 0.11	31.39 2.18 -0.11	30.36 2.04 0.00	29.22 2.17 0.00	31.79 2.30 -0.01	33.38 2.44 -0.02	35.39 2.62 -0.02	38.57 2.85 2.30	41.47 3.18 0.46	42.96 3.03 -0.01	47.60 3.68 0.00	57.11 4.45 0.00	63.09 3.83 0.00	60.14 3.83 0.00	58.83 2.81 0.31	49.12 1.56 -0.28	41.83 1.88 0.02	36.93 2.02 0.00
PLATSBURG_115KV_PMLD1 355749	11.96 -0.27 0.69	9.27 -0.27 2.20	9.87 -0.28 0.51	9.74 -0.27 0.00	10.06 -0.27 0.00	13.93 -0.39 0.02	23.49 -0.38 0.00	28.90 -0.20 0.00	28.27 -0.06 0.00	27.22 0.16 0.00	29.80 0.32 0.00	31.33 0.40 0.00	33.27 0.52 0.00	37.86 0.61 0.77	38.68 0.54 0.61	40.77 0.48 0.00	45.06 0.49 0.00	54.29 0.85 0.00	59.16 0.53 0.00	56.54 0.23 0.00	56.71 0.39 0.00	47.51 0.24 0.00	40.01 0.04 0.00	34.66 -0.24 0.00
PLEASANTVLY___LBMP 24000	24.03 1.06 -10.05	21.11 0.97 -8.39	18.08 0.85 -6.56	18.05 0.79 -7.26	18.24 0.82 -7.10	21.37 1.16 -5.88	25.62 1.74 0.00	31.03 1.92 0.00	30.08 1.76 0.00	28.79 1.73 0.00	31.34 1.86 0.00	32.84 1.92 0.00	34.72 1.97 0.00	37.87 2.20 2.35	39.17 2.29 1.86	42.30 2.01 0.00	46.84 2.27 0.00	56.16 2.72 0.00	62.09 3.46 0.00	59.75 3.44 0.00	58.97 2.65 0.00	48.88 1.61 0.01	41.64 1.68 0.01	36.65 1.75 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	23.83 1.16 -9.74	20.97 1.07 -8.15	17.96 0.94 -6.36	17.89 0.86 -7.02	18.08 0.88 -6.87	21.28 1.26 -5.69	25.81 1.93 0.00	31.29 2.18 0.00	30.36 2.04 0.00	29.12 2.06 0.00	31.72 2.24 0.00	33.24 2.32 0.00	35.17 2.42 0.00	38.43 2.74 2.32	39.66 2.83 1.91	42.87 2.58 0.00	47.47 2.90 0.00	56.80 3.37 0.00	62.79 4.16 0.00	60.31 4.00 0.00	59.47 3.15 0.00	49.21 1.94 0.01	41.96 2.00 0.01	36.93 2.02 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	23.83 1.16 -9.74	20.97 1.07 -8.15	17.96 0.94 -6.36	17.89 0.86 -7.02	18.08 0.88 -6.87	21.28 1.26 -5.69	25.81 1.93 0.00	31.29 2.18 0.00	30.36 2.04 0.00	29.12 2.06 0.00	31.72 2.24 0.00	33.24 2.32 0.00	35.17 2.42 0.00	38.43 2.74 2.32	39.66 2.83 1.91	42.87 2.58 0.00	47.47 2.90 0.00	56.80 3.37 0.00	62.79 4.16 0.00	60.31 4.00 0.00	59.47 3.15 0.00	49.21 1.94 0.01	41.96 2.00 0.01	36.93 2.02 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.83 1.16 -9.75	20.96 1.06 -8.16	17.92 0.90 -6.36	17.88 0.85 -7.03	18.09 0.89 -6.88	21.26 1.23 -5.69	25.76 1.89 0.00	31.11 2.01 0.00	30.16 1.84 0.00	28.84 1.79 0.00	31.40 1.92 0.00	32.93 2.01 0.00	34.81 2.06 0.00	38.04 2.36 2.33	39.38 2.48 1.85	42.58 2.30 0.00	47.33 2.76 0.00	56.85 3.42 0.00	62.97 4.34 0.00	60.54 4.22 0.00	59.87 3.55 0.00	49.49 2.22 0.01	42.08 2.12 0.01	37.07 2.16 0.00
POLETTI_____ 23519	23.86 1.25 -9.69	21.02 1.16 -8.11	17.99 1.00 -6.33	17.91 0.92 -6.98	18.10 0.94 -6.83	21.34 1.35 -5.66	25.93 2.05 0.00	31.39 2.30 0.02	30.46 2.15 0.02	29.29 2.25 0.02	31.96 2.48 0.00	33.50 2.57 -0.01	35.41 2.65 -0.01	38.67 2.97 2.32	41.43 3.14 0.46	43.11 2.82 0.00	47.72 3.16 0.02	56.99 3.58 0.02	62.90 4.28 0.02	60.35 4.05 0.02	59.40 3.10 0.02	49.05 1.80 0.03	42.04 2.08 0.01	37.07 2.16 0.00
POMONA___ESR 323819	23.48 1.12 -9.43	20.69 1.02 -7.92	17.70 0.87 -6.16	17.62 0.82 -6.79	17.83 0.86 -6.65	21.05 1.22 -5.51	25.74 1.86 0.00	31.17 2.07 0.00	30.22 1.90 0.00	28.98 1.92 0.00	31.51 2.03 0.00	33.09 2.16 0.00	35.04 2.29 0.00	38.27 2.55 2.29	39.57 2.64 1.82	42.58 2.30 0.00	47.20 2.63 0.00	56.74 3.31 0.00	62.79 4.16 0.00	60.03 3.72 0.00	59.08 2.76 0.00	48.92 1.65 0.01	41.72 1.76 0.01	36.75 1.85 0.00
PORT_JEFF_3 23555	25.76 1.55 -11.29	21.29 1.42 -8.12	18.23 1.23 -6.34	18.14 1.14 -7.00	18.36 1.19 -6.84	22.56 1.79 -6.44	27.42 2.60 -0.94	32.08 2.97 -0.01	30.94 2.60 -0.01	29.67 2.60 -0.01	32.04 2.54 -0.03	33.64 2.69 -0.03	37.64 2.75 -2.14	39.70 2.89 1.20	41.46 3.06 0.35	44.73 2.62 -1.82	48.29 2.54 -1.18	61.60 2.41 -5.76	69.48 3.40 -7.45	66.53 3.21 -7.01	64.06 1.63 -6.11	51.34 0.85 -3.21	43.04 1.56 -1.51	38.22 2.13 -1.19
PORT_JEFF_4 23616	25.76 1.55 -11.29	21.29 1.42 -8.12	18.23 1.23 -6.34	18.14 1.14 -7.00	18.36 1.19 -6.84	22.56 1.79 -6.44	27.42 2.60 -0.94	32.08 2.97 -0.01	30.94 2.60 -0.01	29.67 2.60 -0.01	32.04 2.54 -0.03	33.64 2.69 -0.03	37.64 2.75 -2.14	39.70 2.89 1.20	41.46 3.06 0.35	44.73 2.62 -1.82	48.29 2.54 -1.18	61.60 2.41 -5.76	69.48 3.40 -7.45	66.53 3.21 -7.01	64.06 1.63 -6.11	51.34 0.85 -3.21	43.04 1.56 -1.51	38.22 2.13 -1.19

PORT_JEFF_IC 23713	25.81 1.59 -11.30	21.32 1.44 -8.13	18.28 1.28 -6.34	18.17 1.17 -7.00	18.38 1.21 -6.85	22.60 1.83 -6.44	27.50 2.67 -0.95	32.17 3.06 -0.01	31.02 2.69 -0.01	29.72 2.65 -0.01	32.10 2.59 -0.03	33.67 2.72 -0.03	37.84 2.72 -2.37	39.75 2.81 1.07	41.43 2.87 0.19	44.73 2.42 -2.02	48.46 2.58 -1.31	65.54 1.98 -10.13	74.85 2.76 -13.46	71.95 3.10 -12.54	68.71 1.52 -10.87	53.26 0.66 -5.32	43.48 1.56 -1.95	38.43 2.20 -1.32
PPL PILGRIM_ST_GT1 24216	25.82 1.58 -11.32	21.31 1.44 -8.12	18.25 1.25 -6.34	18.17 1.17 -7.00	18.38 1.21 -6.85	22.57 1.79 -6.45	27.51 2.67 -0.96	32.17 3.06 -0.01	31.08 2.75 -0.01	29.80 2.73 -0.01	32.34 2.83 -0.03	33.92 2.97 -0.03	38.33 3.21 -2.37	40.32 3.38 1.07	41.97 3.41 0.19	45.21 2.90 -2.02	48.95 3.07 -1.31	56.39 3.58 0.62	61.78 4.63 1.48	59.48 4.34 1.17	58.41 2.98 0.89	49.50 1.94 -0.28	43.31 2.16 -1.18	38.88 2.65 -1.32
PPL PILGRIM_ST_GT2 24217	25.82 1.58 -11.32	21.31 1.44 -8.12	18.25 1.25 -6.34	18.17 1.17 -7.00	18.38 1.21 -6.85	22.57 1.79 -6.45	27.51 2.67 -0.96	32.17 3.06 -0.01	31.08 2.75 -0.01	29.80 2.73 -0.01	32.34 2.83 -0.03	33.92 2.97 -0.03	38.33 3.21 -2.37	40.32 3.38 1.07	41.97 3.41 0.19	45.21 2.90 -2.02	48.95 3.07 -1.31	56.39 3.58 0.62	61.78 4.63 1.48	59.48 4.34 1.17	58.41 2.98 0.89	49.50 1.94 -0.28	43.31 2.16 -1.18	38.88 2.65 -1.32
PPL_SHRM_GT3 24213	25.72 1.51 -11.29	21.24 1.37 -8.12	18.20 1.19 -6.34	18.10 1.10 -7.00	18.32 1.15 -6.85	22.60 1.83 -6.44	27.33 2.51 -0.94	31.97 2.85 -0.01	30.57 2.24 -0.01	29.31 2.24 -0.01	31.69 2.18 -0.03	33.24 2.29 -0.03	37.31 2.36 -2.20	39.25 2.40 1.16	41.04 2.60 0.30	44.34 2.17 -1.88	47.97 2.18 -1.21	62.45 2.41 -6.61	70.82 3.58 -8.61	68.11 3.72 -8.08	64.92 1.57 -7.03	51.90 0.99 -3.63	42.78 1.20 -1.61	37.91 1.78 -1.22
PPL_SHRM_GT4 24214	25.72 1.51 -11.29	21.24 1.37 -8.12	18.20 1.19 -6.34	18.10 1.10 -7.00	18.32 1.15 -6.85	22.60 1.83 -6.44	27.33 2.51 -0.94	31.97 2.85 -0.01	30.57 2.24 -0.01	29.31 2.24 -0.01	31.69 2.18 -0.03	33.24 2.29 -0.03	37.31 2.36 -2.20	39.25 2.40 1.16	41.04 2.60 0.30	44.34 2.17 -1.88	47.97 2.18 -1.21	62.45 2.41 -6.61	70.82 3.58 -8.61	68.11 3.72 -8.08	64.92 1.57 -7.03	51.90 0.99 -3.63	42.78 1.20 -1.61	37.91 1.78 -1.22
PROJECT___ORANGE 1 24174	13.92 0.12 -0.88	13.44 0.09 -1.60	11.35 0.07 -0.61	10.44 0.06 -0.37	10.75 0.06 -0.36	14.73 0.09 -0.31	23.73 -0.14 0.00	28.93 -0.17 0.00	28.21 -0.11 0.00	26.84 -0.22 0.00	29.21 -0.27 0.00	30.68 -0.25 0.00	32.52 -0.23 0.00	36.21 -0.15 1.66	37.28 -0.15 1.31	40.45 0.16 0.00	44.88 0.31 0.00	53.64 0.21 0.00	59.04 0.41 0.00	56.93 0.62 0.00	56.88 0.56 0.00	47.55 0.28 0.01	39.96 0.00 0.01	35.01 0.10 0.00
PROJECT___ORANGE 2 24166	13.92 0.12 -0.88	13.44 0.09 -1.60	11.35 0.07 -0.61	10.44 0.06 -0.37	10.75 0.06 -0.36	14.73 0.09 -0.31	23.73 -0.14 0.00	28.93 -0.17 0.00	28.21 -0.11 0.00	26.84 -0.22 0.00	29.21 -0.27 0.00	30.68 -0.25 0.00	32.52 -0.23 0.00	36.21 -0.15 1.66	37.28 -0.15 1.31	40.45 0.16 0.00	44.88 0.31 0.00	53.64 0.21 0.00	59.04 0.41 0.00	56.93 0.62 0.00	56.88 0.56 0.00	47.55 0.28 0.01	39.96 0.00 0.01	35.01 0.10 0.00
PUCKETT___SOLAR 323809	16.44 0.27 -3.25	15.34 0.23 -3.36	13.00 0.19 -2.15	12.32 0.17 -2.15	12.61 0.19 -2.10	16.39 0.31 -1.75	24.16 0.29 0.00	30.13 0.29 -0.73	28.52 0.20 0.00	26.98 -0.08 0.00	29.39 -0.09 0.00	30.86 -0.06 0.00	32.68 -0.07 0.00	35.55 0.08 2.54	36.85 0.12 2.01	41.81 0.44 -1.08	45.76 0.71 -0.48	54.77 1.34 0.00	60.80 2.17 0.00	58.85 2.54 0.00	58.79 2.48 0.00	49.02 1.75 0.01	41.16 1.20 0.01	36.09 1.19 0.00
PYRITES___HYD 24023	12.13 -0.37 0.42	10.08 -0.34 1.32	10.05 -0.31 0.31	9.70 -0.31 0.00	10.02 -0.31 0.00	13.98 -0.34 0.01	23.64 -0.24 0.00	29.02 -0.09 0.00	28.21 -0.11 0.00	26.92 -0.14 0.00	29.48 0.00 0.00	30.95 0.03 0.00	32.88 0.13 0.00	37.24 0.23 1.00	38.19 0.23 0.79	40.49 0.20 0.00	44.88 0.31 0.00	54.13 0.69 0.00	59.10 0.47 0.00	56.76 0.45 0.00	57.22 0.90 0.00	48.22 0.95 0.01	40.65 0.68 0.01	35.01 0.10 0.00
QUAKERRD_115KV_BK1 80622	13.72 -0.31 -1.11	13.20 -0.29 -1.75	11.11 -0.31 -0.76	10.30 -0.26 -0.55	10.58 -0.29 -0.54	14.38 -0.40 -0.45	22.75 -1.12 0.00	26.82 -1.37 0.92	26.44 -1.22 0.67	25.64 -1.33 0.10	27.39 -1.50 0.58	29.06 -1.55 0.32	30.35 -1.44 0.96	32.89 -1.44 3.68	34.16 -1.55 3.03	37.97 -1.09 1.23	42.94 -1.07 0.55	51.93 -1.50 0.00	57.63 -1.00 0.00	55.64 -0.68 0.00	56.04 -0.28 0.00	46.75 -0.52 0.01	39.08 -0.88 0.01	34.52 -0.38 0.00
QUENSBRY_115KV_TB8 356137	27.84 1.03 -13.89	24.36 0.90 -11.71	23.93 0.84 -12.42	19.51 0.77 -8.73	19.67 0.80 -8.55	28.32 1.18 -12.81	35.02 1.84 -9.31	35.82 1.95 -4.77	30.25 1.93 0.00	28.68 1.62 0.00	31.19 1.71 0.00	32.72 1.79 0.00	33.77 1.02 0.00	36.71 1.25 2.56	38.11 1.39 2.03	41.82 1.53 0.00	46.26 1.69 0.00	56.00 2.56 0.00	62.09 3.46 0.00	62.39 3.66 -2.42	59.64 3.32 0.00	56.04 2.79 -5.97	42.16 2.20 0.01	36.86 1.95 0.00
RAMAPO___LBMP 323565	23.38 1.07 -9.38	20.62 0.99 -7.88	17.66 0.86 -6.13	17.55 0.79 -6.76	17.75 0.82 -6.61	20.98 1.18 -5.47	25.67 1.79 0.00	31.08 1.98 0.00	30.16 1.84 0.00	28.90 1.84 0.00	31.48 2.00 0.00	33.03 2.10 0.00	34.91 2.16 0.00	38.12 2.39 2.29	39.41 2.48 1.81	42.46 2.18 0.00	47.02 2.45 0.00	56.26 2.83 0.00	62.15 3.52 0.00	59.75 3.44 0.00	58.91 2.59 0.00	48.78 1.51 0.01	41.60 1.64 0.01	36.65 1.75 0.00
RANKINE___ 23646	14.05 -0.50 -1.63	13.40 -0.48 -2.14	11.25 -0.51 -1.09	10.50 -0.44 -0.94	10.78 -0.46 -0.92	14.47 -0.63 -0.77	22.35 -1.53 0.00	22.24 -1.63 5.23	22.93 -1.44 3.95	24.89 -1.60 0.57	24.30 -1.74 3.44	27.31 -1.73 1.88	25.41 -1.67 5.67	27.09 -1.82 9.10	28.98 -1.86 7.91	31.25 -1.81 7.22	39.44 -1.87 3.26	51.61 -1.82 0.00	57.63 -1.00 0.00	56.09 -0.23 0.00	56.66 0.34 0.00	47.27 0.00 0.01	39.44 -0.52 0.01	35.12 0.21 0.00
RAVENSWOOD_GT2_1 24244	23.88 1.27 -9.69	21.03 1.17 -8.11	18.00 1.01 -6.33	17.92 0.93 -6.98	18.11 0.95 -6.83	21.37 1.38 -5.66	25.98 2.10 0.00	31.46 2.36 0.00	30.53 2.21 0.00	29.36 2.30 0.00	32.00 2.51 -0.02	33.57 2.63 -0.02	35.49 2.72 -0.02	38.76 3.04 2.30	41.73 3.14 0.16	43.21 2.90 -0.02	47.78 3.21 0.00	57.06 3.63 0.00	63.03 4.40 0.00	60.48 4.17 0.00	59.53 3.21 0.00	49.16 1.89 0.01	42.12 2.16 0.01	37.14 2.23 0.00
RAVENSWOOD_GT2_2 24245	23.88 1.27 -9.69	21.03 1.17 -8.11	18.00 1.01 -6.33	17.92 0.93 -6.98	18.11 0.95 -6.83	21.37 1.38 -5.66	25.98 2.10 0.00	31.46 2.36 0.00	30.53 2.21 0.00	29.36 2.30 0.00	32.00 2.51 -0.02	33.57 2.63 -0.02	35.49 2.72 -0.02	38.76 3.04 2.30	41.73 3.14 0.16	43.21 2.90 -0.02	47.78 3.21 0.00	57.06 3.63 0.00	63.03 4.40 0.00	60.48 4.17 0.00	59.53 3.21 0.00	49.16 1.89 0.01	42.12 2.16 0.01	37.14 2.23 0.00



RAVENSWOOD_GT2_3 24246	23.88 1.27 -9.69	21.03 1.17 -8.11	18.01 1.02 -6.33	17.92 0.93 -6.98	18.12 0.96 -6.83	21.37 1.38 -5.66	25.98 2.10 0.00	31.49 2.39 0.00	30.56 2.24 0.00	29.39 2.33 0.00	32.03 2.54 -0.02	33.57 2.63 -0.02	35.49 2.72 -0.02	38.76 3.04 2.30	41.77 3.18 0.16	43.21 2.90 -0.02	47.82 3.25 0.00	57.12 3.69 0.00	63.09 4.46 0.00	60.48 4.17 0.00	59.58 3.27 0.00	49.21 1.94 0.01	42.16 2.20 0.01	37.17 2.27 0.00
RAVENSWOOD_GT2_4 24247	23.88 1.27 -9.69	21.03 1.17 -8.11	18.01 1.02 -6.33	17.92 0.93 -6.98	18.12 0.96 -6.83	21.37 1.38 -5.66	25.98 2.10 0.00	31.49 2.39 0.00	30.56 2.24 0.00	29.39 2.33 0.00	32.03 2.54 -0.02	33.57 2.63 -0.02	35.49 2.72 -0.02	38.76 3.04 2.30	41.77 3.18 0.16	43.21 2.90 -0.02	47.82 3.25 0.00	57.12 3.69 0.00	63.09 4.46 0.00	60.48 4.17 0.00	59.58 3.27 0.00	49.21 1.94 0.01	42.16 2.20 0.01	37.17 2.27 0.00
RAVENSWOOD_GT3_1 24248	23.88 1.27 -9.69	21.03 1.17 -8.11	18.00 1.01 -6.33	17.92 0.93 -6.98	18.11 0.95 -6.83	21.37 1.38 -5.66	25.98 2.10 0.00	31.46 2.36 0.00	30.53 2.21 0.00	29.36 2.30 0.00	32.00 2.51 -0.02	33.57 2.63 -0.02	35.49 2.72 -0.02	38.76 3.04 2.30	41.73 3.14 0.16	43.21 2.90 -0.02	47.82 3.25 0.00	57.12 3.69 0.00	63.03 4.40 0.00	60.48 4.17 0.00	59.58 3.27 0.00	49.16 1.89 0.01	42.12 2.16 0.01	37.17 2.27 0.00
RAVENSWOOD_GT3_2 24249	23.88 1.27 -9.69	21.03 1.17 -8.11	18.00 1.01 -6.33	17.92 0.93 -6.98	18.11 0.95 -6.83	21.37 1.38 -5.66	25.98 2.10 0.00	31.46 2.36 0.00	30.53 2.21 0.00	29.36 2.30 0.00	32.00 2.51 -0.02	33.57 2.63 -0.02	35.49 2.72 -0.02	38.76 3.04 2.30	41.73 3.14 0.16	43.21 2.90 -0.02	47.82 3.25 0.00	57.12 3.69 0.00	63.03 4.40 0.00	60.48 4.17 0.00	59.58 3.27 0.00	49.16 1.89 0.01	42.12 2.16 0.01	37.17 2.27 0.00
RAVENSWOOD_GT3_3 24250	23.90 1.29 -9.69	21.05 1.19 -8.11	18.03 1.03 -6.33	17.93 0.94 -6.98	18.13 0.97 -6.83	21.38 1.39 -5.66	26.00 2.12 0.00	31.52 2.42 0.00	30.59 2.27 0.00	29.41 2.35 0.00	32.06 2.56 -0.02	33.64 2.69 -0.02	35.56 2.78 -0.02	38.83 3.12 2.30	41.85 3.25 0.16	43.29 2.98 -0.02	47.91 3.34 0.00	57.22 3.79 0.00	63.15 4.51 0.00	60.59 4.28 0.00	59.70 3.38 0.00	49.25 1.99 0.01	42.20 2.24 0.01	37.21 2.30 0.00
RAVENSWOOD_GT3_4 24251	23.90 1.29 -9.69	21.05 1.19 -8.11	18.03 1.03 -6.33	17.93 0.94 -6.98	18.13 0.97 -6.83	21.38 1.39 -5.66	26.00 2.12 0.00	31.52 2.42 0.00	30.59 2.27 0.00	29.41 2.35 0.00	32.06 2.56 -0.02	33.64 2.69 -0.02	35.56 2.78 -0.02	38.83 3.12 2.30	41.85 3.25 0.16	43.29 2.98 -0.02	47.91 3.34 0.00	57.22 3.79 0.00	63.15 4.51 0.00	60.59 4.28 0.00	59.70 3.38 0.00	49.25 1.99 0.01	42.20 2.24 0.01	37.21 2.30 0.00
RAVENSWOOD_GT_1 23729	23.94 1.32 -9.70	21.09 1.22 -8.12	18.05 1.06 -6.33	17.97 0.97 -6.99	18.17 1.00 -6.84	21.43 1.43 -5.67	26.02 2.15 0.00	31.52 2.42 0.00	30.59 2.27 0.00	29.47 2.41 0.00	32.12 2.62 -0.02	33.67 2.72 -0.02	35.62 2.85 -0.02	38.87 3.16 2.30	41.73 3.14 0.16	43.29 2.98 -0.02	47.82 3.25 0.00	57.01 3.58 0.00	62.91 4.28 0.00	60.31 4.00 0.00	59.42 3.10 0.00	48.97 1.70 0.01	42.16 2.20 0.01	37.31 2.41 0.00
RAVENSWOOD_GT_10 24258	23.88 1.27 -9.69	21.03 1.17 -8.11	18.01 1.01 -6.33	17.92 0.93 -6.99	18.11 0.95 -6.84	21.35 1.36 -5.66	25.98 2.10 0.00	31.46 2.36 0.00	30.53 2.21 0.00	29.36 2.30 0.00	32.00 2.51 -0.02	33.54 2.60 -0.02	35.49 2.72 -0.02	38.76 3.04 2.30	41.77 3.18 0.16	43.21 2.90 -0.02	47.82 3.25 0.00	57.12 3.69 0.00	63.03 4.40 0.00	60.48 4.17 0.00	59.58 3.27 0.00	49.21 1.94 0.01	42.12 2.16 0.01	37.14 2.23 0.00
RAVENSWOOD_GT_11 24259	23.88 1.27 -9.69	21.03 1.17 -8.11	18.01 1.01 -6.33	17.92 0.93 -6.99	18.11 0.95 -6.84	21.35 1.36 -5.66	25.98 2.10 0.00	31.46 2.36 0.00	30.53 2.21 0.00	29.36 2.30 0.00	32.00 2.51 -0.02	33.54 2.60 -0.02	35.49 2.72 -0.02	38.76 3.04 2.30	41.77 3.18 0.16	43.21 2.90 -0.02	47.82 3.25 0.00	57.12 3.69 0.00	63.03 4.40 0.00	60.48 4.17 0.00	59.58 3.27 0.00	49.21 1.94 0.01	42.12 2.16 0.01	37.14 2.23 0.00
RAVENSWOOD_GT_4 24252	23.87 1.25 -9.69	21.03 1.16 -8.12	18.00 1.00 -6.33	17.92 0.92 -6.99	18.11 0.94 -6.84	21.36 1.36 -5.67	25.95 2.08 0.00	31.46 2.36 0.00	30.53 2.21 0.00	29.33 2.27 0.00	31.97 2.48 -0.02	33.54 2.60 -0.02	35.46 2.69 -0.02	38.72 3.00 2.30	41.77 3.18 0.16	43.16 2.86 -0.02	47.82 3.25 0.00	57.12 3.69 0.00	63.03 4.40 0.00	60.54 4.22 0.00	59.58 3.27 0.00	49.21 1.94 0.01	42.12 2.16 0.01	37.14 2.23 0.00
RAVENSWOOD_GT_5 24254	23.87 1.25 -9.69	21.03 1.16 -8.12	18.00 1.00 -6.33	17.92 0.92 -6.99	18.11 0.94 -6.84	21.36 1.36 -5.67	25.95 2.08 0.00	31.46 2.36 0.00	30.53 2.21 0.00	29.33 2.27 0.00	31.97 2.48 -0.02	33.54 2.60 -0.02	35.46 2.69 -0.02	38.72 3.00 2.30	41.77 3.18 0.16	43.16 2.86 -0.02	47.82 3.25 0.00	57.12 3.69 0.00	63.03 4.40 0.00	60.54 4.22 0.00	59.58 3.27 0.00	49.21 1.94 0.01	42.12 2.16 0.01	37.14 2.23 0.00
RAVENSWOOD_GT_6 24253	23.87 1.25 -9.69	21.03 1.16 -8.12	18.00 1.00 -6.33	17.92 0.92 -6.99	18.11 0.94 -6.84	21.36 1.36 -5.67	25.95 2.08 0.00	31.46 2.36 0.00	30.53 2.21 0.00	29.33 2.27 0.00	31.97 2.48 -0.02	33.54 2.60 -0.02	35.46 2.69 -0.02	38.72 3.00 2.30	41.77 3.18 0.16	43.16 2.86 -0.02	47.82 3.25 0.00	57.12 3.69 0.00	63.03 4.40 0.00	60.54 4.22 0.00	59.58 3.27 0.00	49.21 1.94 0.01	42.12 2.16 0.01	37.14 2.23 0.00
RAVENSWOOD_GT_7 24255	23.87 1.25 -9.69	21.03 1.16 -8.12	18.00 1.00 -6.33	17.92 0.92 -6.99	18.11 0.94 -6.84	21.36 1.36 -5.67	25.95 2.08 0.00	31.46 2.36 0.00	30.53 2.21 0.00	29.33 2.27 0.00	31.97 2.48 -0.02	33.54 2.60 -0.02	35.46 2.69 -0.02	38.72 3.00 2.30	41.77 3.18 0.16	43.16 2.86 -0.02	47.82 3.25 0.00	57.12 3.69 0.00	63.03 4.40 0.00	60.54 4.22 0.00	59.58 3.27 0.00	49.21 1.94 0.01	42.12 2.16 0.01	37.14 2.23 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	23.88 1.27 -9.69	21.03 1.17 -8.11	18.01 1.01 -6.33	17.92 0.93 -6.99	18.11 0.95 -6.84	21.35 1.36 -5.66	25.98 2.10 0.00	31.46 2.36 0.00	30.53 2.21 0.00	29.36 2.30 0.00	32.00 2.51 -0.02	33.54 2.60 -0.02	35.49 2.72 -0.02	38.76 3.04 2.30	41.77 3.18 0.16	43.21 2.90 -0.02	47.82 3.25 0.00	57.12 3.69 0.00	63.03 4.40 0.00	60.48 4.17 0.00	59.58 3.27 0.00	49.21 1.94 0.01	42.12 2.16 0.01	37.14 2.23 0.00
RAVENSWOOD_GT_9 24257	23.88 1.27 -9.69	21.03 1.17 -8.11	18.01 1.01 -6.33	17.92 0.93 -6.99	18.11 0.95 -6.84	21.35 1.36 -5.66	25.98 2.10 0.00	31.46 2.36 0.00	30.53 2.21 0.00	29.36 2.30 0.00	32.00 2.51 -0.02	33.54 2.60 -0.02	35.49 2.72 -0.02	38.76 3.04 2.30	41.77 3.18 0.16	43.21 2.90 -0.02	47.82 3.25 0.00	57.12 3.69 0.00	63.03 4.40 0.00	60.48 4.17 0.00	59.58 3.27 0.00	49.21 1.94 0.01	42.12 2.16 0.01	37.14 2.23 0.00

RAVENSWOOD___1 23533	23.94 1.32 -9.70	21.09 1.22 -8.12	18.02 1.02 -6.33	17.97 0.97 -6.99	18.17 1.00 -6.84	21.43 1.43 -5.67	26.03 2.15 0.00	31.52 2.41 0.00	30.59 2.27 0.00	29.47 2.41 0.00	32.03 2.54 -0.02	33.63 2.69 -0.02	35.59 2.82 -0.02	38.91 3.19 2.30	41.65 3.06 0.16	43.24 2.94 -0.02	47.82 3.25 0.00	57.38 3.95 0.00	63.38 4.75 0.00	60.42 4.11 0.00	59.36 3.04 0.00	48.97 1.70 0.01	42.16 2.20 0.01	37.31 2.41 0.00
RAVENSWOOD___2 23534	23.94 1.32 -9.70	21.09 1.22 -8.12	18.02 1.02 -6.33	17.97 0.97 -6.99	18.17 1.00 -6.84	21.43 1.43 -5.67	26.03 2.15 0.00	31.52 2.41 0.00	30.59 2.27 0.00	29.47 2.41 0.00	32.03 2.54 -0.02	33.63 2.69 -0.02	35.59 2.82 -0.02	38.91 3.19 2.30	41.65 3.06 0.16	43.24 2.94 -0.02	47.82 3.25 0.00	57.38 3.95 0.00	63.38 4.75 0.00	60.42 4.11 0.00	59.36 3.04 0.00	48.97 1.70 0.01	42.16 2.20 0.01	37.31 2.41 0.00
RAVENSWOOD___3 23535	23.88 1.27 -9.69	21.03 1.17 -8.11	17.97 0.98 -6.33	17.92 0.93 -6.98	18.12 0.96 -6.83	21.37 1.38 -5.66	25.98 2.10 0.00	31.46 2.36 0.00	30.53 2.21 0.00	29.36 2.30 0.00	31.94 2.45 -0.02	33.51 2.57 -0.02	35.49 2.72 -0.02	38.79 3.08 2.30	41.77 3.18 0.16	43.17 2.86 -0.02	47.82 3.25 0.00	57.44 4.01 0.00	63.50 4.86 0.00	60.54 4.23 0.00	59.53 3.21 0.00	49.16 1.89 0.01	42.12 2.16 0.01	37.17 2.27 0.00
RAVENSWOOD___4 23820	23.94 1.32 -9.70	21.09 1.22 -8.12	18.02 1.02 -6.33	17.97 0.97 -6.99	18.17 1.00 -6.84	21.43 1.43 -5.67	26.03 2.15 0.00	31.52 2.41 0.00	30.59 2.27 0.00	29.47 2.41 0.00	32.03 2.54 -0.02	33.63 2.69 -0.02	35.59 2.82 -0.02	38.91 3.19 2.30	41.65 3.06 0.16	43.24 2.94 -0.02	47.82 3.25 0.00	57.38 3.95 0.00	63.38 4.75 0.00	60.42 4.11 0.00	59.36 3.04 0.00	48.97 1.70 0.01	42.16 2.20 0.01	37.31 2.41 0.00
RCPL_TRUST___DRP 24196	23.88 1.27 -9.69	21.02 1.16 -8.11	18.00 1.01 -6.33	17.92 0.93 -6.98	18.11 0.95 -6.83	21.35 1.36 -5.66	25.98 2.10 0.00	31.49 2.39 0.00	30.56 2.24 0.00	29.39 2.33 0.00	32.02 2.54 -0.01	33.60 2.66 -0.01	35.48 2.72 -0.01	38.79 3.08 2.31	41.21 3.25 0.79	43.24 2.94 -0.01	47.91 3.34 0.00	57.17 3.74 0.00	63.09 4.46 0.00	60.54 4.22 0.00	59.64 3.32 0.00	49.25 1.99 0.01	42.16 2.20 0.01	37.14 2.23 0.00
RED___ROCHESTER 323720	14.11 0.01 -1.17	13.54 0.00 -1.79	11.43 -0.03 -0.80	10.59 -0.01 -0.59	10.89 -0.02 -0.58	14.76 -0.06 -0.49	23.30 -0.57 0.00	27.50 -0.70 0.91	27.18 -0.48 0.66	26.26 -0.70 0.10	28.17 -0.74 0.57	29.87 -0.74 0.31	31.25 -0.56 0.95	33.99 -0.34 3.69	35.25 -0.46 3.04	39.33 0.20 1.16	44.36 0.31 0.52	53.70 0.27 0.00	59.63 1.00 0.00	57.66 1.35 0.00	58.23 1.92 0.00	48.45 1.18 0.01	40.44 0.48 0.01	35.78 0.87 0.00
REGAN___SOLAR 323812	27.20 1.03 -13.24	23.55 0.90 -10.91	20.79 0.80 -9.32	20.09 0.73 -9.35	20.25 0.77 -9.15	24.24 1.16 -8.74	27.50 1.72 -1.90	31.71 1.63 -0.97	29.71 1.39 0.00	28.17 1.11 0.00	30.57 1.09 0.00	32.04 1.11 0.00	33.83 1.08 0.00	36.81 1.37 2.57	38.26 1.55 2.04	42.14 1.85 0.00	47.02 2.45 0.00	57.07 3.64 0.00	63.67 5.04 0.00	62.33 5.52 -0.49	61.73 5.41 0.00	52.97 4.26 -1.43	43.32 3.36 0.01	37.77 2.86 0.00
RENSSELAER___COGEN 23796	24.20 0.39 -10.89	20.93 0.34 -8.85	16.64 0.35 -5.62	18.82 0.33 -8.49	18.97 0.34 -8.30	19.12 0.44 -4.35	20.35 0.57 4.10	27.50 0.49 2.10	28.75 0.43 0.00	27.44 0.38 0.00	29.84 0.36 0.00	31.30 0.37 0.00	33.01 0.26 0.00	35.83 0.30 2.49	37.05 0.27 1.97	40.49 0.20 0.00	44.70 0.13 0.00	53.70 0.27 0.00	59.34 0.71 0.00	55.93 0.68 1.06	56.49 0.17 0.00	42.55 0.00 4.73	40.00 0.04 0.01	35.08 0.18 0.00
REPUBLIC_115KV_BARTNBRK 55605	28.38 1.49 -13.97	24.81 1.28 -11.79	24.46 1.17 -12.63	19.80 1.07 -8.73	19.97 1.10 -8.54	29.09 1.69 -13.07	36.31 2.70 -9.74	36.97 2.88 -4.99	31.21 2.89 0.00	29.47 2.41 0.00	32.04 2.56 0.00	33.64 2.72 0.00	34.81 2.06 0.00	38.11 2.66 2.56	39.66 2.94 2.03	43.59 3.30 0.00	48.62 4.06 0.00	59.25 5.82 0.00	66.02 7.39 0.00	66.50 7.66 -2.53	63.70 7.38 0.00	59.47 5.96 -6.23	44.56 4.60 0.01	38.78 3.87 0.00
REVERE_CPPR_DRP 24186	13.90 0.50 -0.48	13.72 0.46 -1.52	11.43 0.42 -0.35	10.35 0.34 0.00	10.69 0.36 0.00	14.99 0.64 -0.01	24.69 0.81 0.00	29.92 0.81 0.00	29.06 0.74 0.00	27.46 0.41 0.00	30.07 0.59 0.00	31.57 0.65 0.00	33.47 0.72 0.00	36.71 0.99 2.30	37.97 1.05 1.82	41.58 1.29 0.00	46.35 1.78 0.00	55.57 2.14 0.00	61.86 3.22 0.00	59.86 3.55 0.00	59.87 3.55 0.00	49.96 2.69 0.01	41.88 1.92 0.01	36.58 1.68 0.00
REYNLDPA_13_KV_LD 356490	12.02 -0.23 0.67	9.39 -0.21 2.14	9.97 -0.19 0.50	9.83 -0.18 0.00	10.15 -0.18 0.00	14.04 -0.27 0.02	23.68 -0.19 0.00	29.08 -0.03 0.00	28.35 0.03 0.00	27.17 0.11 0.00	29.69 0.21 0.00	31.17 0.25 0.00	33.11 0.36 0.00	37.65 0.42 0.79	38.47 0.35 0.62	40.65 0.36 0.00	44.88 0.31 0.00	53.97 0.53 0.00	58.69 0.06 0.00	56.09 -0.23 0.00	56.37 0.06 0.00	47.51 0.24 0.00	40.13 0.16 0.00	34.84 -0.07 0.00
REYNOLDS_115KV_TB3 80639	24.06 0.49 -10.65	20.79 0.43 -8.61	16.06 0.41 -4.99	18.90 0.39 -8.50	19.05 0.40 -8.32	18.42 0.54 -3.55	19.20 0.74 5.41	27.03 0.70 2.77	28.92 0.59 0.00	27.60 0.54 0.00	30.04 0.56 0.00	31.51 0.59 0.00	33.21 0.46 0.00	36.05 0.53 2.50	37.31 0.54 1.98	40.73 0.44 0.00	45.01 0.45 0.00	53.91 0.48 0.00	59.63 1.00 0.00	56.03 1.13 1.41	56.99 0.68 0.00	41.44 0.33 6.17	40.32 0.36 0.01	35.36 0.45 0.00
RIVERBAY____ 323610	24.05 1.43 -9.70	21.22 1.35 -8.12	18.16 1.16 -6.33	18.07 1.07 -6.99	18.27 1.10 -6.84	21.57 1.58 -5.67	26.12 2.24 0.00	31.58 2.47 0.00	30.64 2.32 0.00	29.52 2.46 0.00	32.15 2.65 -0.02	33.72 2.78 -0.01	35.64 2.88 -0.01	38.95 3.23 2.30	40.23 3.25 1.77	43.33 3.02 -0.02	47.87 3.30 0.00	57.11 3.69 0.01	63.08 4.46 0.01	60.58 4.28 0.01	59.69 3.38 0.01	49.10 1.84 0.02	42.52 2.56 0.01	37.74 2.83 -0.01
RIVERSDE_115KV_TB3 55908	24.22 0.44 -10.86	20.96 0.40 -8.82	16.52 0.37 -5.48	18.89 0.37 -8.52	19.04 0.38 -8.33	18.99 0.50 -4.16	20.10 0.67 4.45	27.44 0.61 2.28	28.83 0.51 0.00	27.52 0.46 0.00	29.95 0.47 0.00	31.45 0.53 0.00	33.14 0.39 0.00	35.97 0.46 2.50	37.23 0.46 1.98	40.65 0.36 0.00	44.92 0.36 0.00	53.86 0.43 0.00	59.51 0.88 0.00	56.23 1.07 1.15	56.88 0.56 0.00	42.38 0.24 5.14	40.24 0.28 0.01	35.29 0.38 0.00
ROARING___BROOK_WT_PWR 323790	10.58 -0.22 2.12	5.38 -0.21 6.15	8.92 -0.19 1.55	9.65 -0.18 0.18	9.97 -0.19 0.17	13.90 -0.24 0.19	23.45 -0.43 0.00	28.61 -0.49 0.00	27.93 -0.40 0.00	26.76 -0.30 0.00	29.24 -0.24 0.00	30.71 -0.21 0.00	32.52 -0.23 0.00	35.54 -0.26 2.21	36.68 -0.31 1.75	39.92 -0.36 0.00	44.17 -0.40 0.00	53.06 -0.37 0.00	58.40 -0.23 0.00	56.14 -0.17 0.00	56.04 -0.28 0.00	46.89 -0.38 0.01	39.56 -0.40 0.01	34.52 -0.38 0.00

ROCHESRG_115KV_T4 355643	13.97 -0.12 -1.17	13.43 -0.11 -1.79	11.31 -0.15 -0.79	10.49 -0.11 -0.59	10.77 -0.13 -0.58	14.63 -0.19 -0.49	23.04 -0.84 0.00	27.06 -1.02 1.02	26.73 -0.85 0.75	25.92 -1.03 0.11	27.65 -1.18 0.65	29.39 -1.18 0.36	30.66 -1.02 1.07	33.20 -0.95 3.86	34.51 -1.05 3.19	38.35 -0.56 1.38	43.46 -0.49 0.62	52.58 -0.85 0.00	58.40 -0.23 0.00	56.48 0.17 0.00	56.99 0.68 0.00	47.55 0.28 0.01	39.72 -0.24 0.01	35.15 0.24 0.00
ROCHESTER_9_IC 23652	14.06 -0.04 -1.17	13.49 -0.05 -1.79	11.36 -0.10 -0.80	10.55 -0.05 -0.59	10.83 -0.08 -0.58	14.71 -0.11 -0.49	23.18 -0.69 0.00	27.36 -0.84 0.90	26.98 -0.68 0.66	26.12 -0.84 0.10	27.93 -0.97 0.57	29.65 -0.96 0.31	31.02 -0.79 0.94	33.72 -0.61 3.68	34.97 -0.74 3.04	38.87 -0.20 1.21	43.98 -0.04 0.55	53.11 -0.32 0.00	59.04 0.41 0.00	57.10 0.79 0.00	57.61 1.30 0.00	48.02 0.76 0.01	40.08 0.12 0.01	35.43 0.52 0.00
ROCKVIEW_13_KV_LD 356306	23.82 1.21 -9.69	20.97 1.12 -8.11	17.96 0.97 -6.33	17.88 0.89 -6.98	18.08 0.92 -6.83	21.31 1.32 -5.66	25.91 2.03 0.00	31.43 2.33 0.00	30.50 2.18 0.00	29.31 2.25 0.00	31.93 2.45 0.00	33.49 2.57 0.00	35.40 2.65 0.00	38.67 2.97 2.32	40.01 3.10 1.84	43.15 2.86 0.00	47.73 3.16 0.00	57.12 3.69 0.00	63.15 4.51 0.00	60.65 4.34 0.00	59.75 3.44 0.00	49.40 2.13 0.01	42.12 2.16 0.01	37.04 2.13 0.00
ROME____115KV_TB2 80656	13.90 0.50 -0.48	13.72 0.46 -1.52	11.43 0.42 -0.35	10.35 0.34 0.00	10.69 0.36 0.00	14.99 0.64 -0.01	24.69 0.81 0.00	29.92 0.81 0.00	29.06 0.74 0.00	27.46 0.41 0.00	30.07 0.59 0.00	31.57 0.65 0.00	33.47 0.72 0.00	36.71 0.99 2.30	37.97 1.05 1.82	41.58 1.29 0.00	46.35 1.78 0.00	55.57 2.14 0.00	61.86 3.22 0.00	59.86 3.55 0.00	59.87 3.55 0.00	49.96 2.69 0.01	41.88 1.92 0.01	36.58 1.68 0.00
ROSETON___1 23587	23.58 1.05 -9.61	20.76 0.96 -8.06	17.77 0.83 -6.28	17.71 0.78 -6.93	17.91 0.81 -6.78	21.09 1.15 -5.61	25.62 1.74 0.00	30.99 1.89 0.00	30.05 1.73 0.00	28.79 1.73 0.00	31.28 1.80 0.00	32.84 1.92 0.00	34.78 2.03 0.00	37.95 2.24 2.31	39.24 2.32 1.83	42.34 2.05 0.00	46.88 2.32 0.00	56.42 2.99 0.00	62.39 3.76 0.00	59.75 3.44 0.00	58.86 2.54 0.00	48.83 1.56 0.01	41.56 1.60 0.01	36.62 1.71 0.00
ROSETON___2 23588	23.58 1.05 -9.61	20.76 0.96 -8.06	17.77 0.83 -6.28	17.71 0.78 -6.93	17.91 0.81 -6.78	21.09 1.15 -5.61	25.62 1.74 0.00	30.99 1.89 0.00	30.05 1.73 0.00	28.79 1.73 0.00	31.28 1.80 0.00	32.84 1.92 0.00	34.78 2.03 0.00	37.95 2.24 2.31	39.24 2.32 1.83	42.34 2.05 0.00	46.88 2.32 0.00	56.42 2.99 0.00	62.39 3.76 0.00	59.75 3.44 0.00	58.86 2.54 0.00	48.83 1.56 0.01	41.56 1.60 0.01	36.62 1.71 0.00
ROTRRDAM_115KV_TB3 80664	26.09 0.58 -12.58	22.68 0.52 -10.42	20.08 0.46 -8.96	19.25 0.42 -8.83	19.40 0.43 -8.64	23.40 0.63 -8.44	26.84 0.88 -2.08	31.04 0.87 -1.07	29.12 0.79 0.00	27.74 0.68 0.00	30.19 0.71 0.00	31.63 0.71 0.00	33.37 0.62 0.00	36.16 0.72 2.58	37.52 0.81 2.04	41.09 0.81 0.00	45.55 0.98 0.00	54.66 1.23 0.00	60.51 1.88 0.00	58.94 2.08 -0.54	58.06 1.75 0.00	50.08 1.23 -1.57	41.04 1.08 0.01	35.99 1.08 0.00
RUSSELL___1 23602	14.11 0.01 -1.17	13.54 0.00 -1.79	11.41 -0.05 -0.80	10.59 -0.01 -0.59	10.87 -0.04 -0.58	14.76 -0.06 -0.49	23.30 -0.57 0.00	27.53 -0.67 0.91	27.15 -0.51 0.66	26.26 -0.70 0.10	28.11 -0.80 0.57	29.84 -0.77 0.31	31.25 -0.56 0.95	33.99 -0.34 3.69	35.25 -0.46 3.04	39.24 0.16 1.21	44.33 0.31 0.55	53.64 0.21 0.00	59.63 1.00 0.00	57.61 1.30 0.00	58.18 1.86 0.00	48.45 1.18 0.01	40.36 0.40 0.01	35.71 0.80 0.00
RUSSELL___2 23532	14.11 0.01 -1.17	13.54 0.00 -1.79	11.41 -0.05 -0.80	10.59 -0.01 -0.59	10.87 -0.04 -0.58	14.76 -0.06 -0.49	23.30 -0.57 0.00	27.53 -0.67 0.91	27.15 -0.51 0.66	26.26 -0.70 0.10	28.11 -0.80 0.57	29.84 -0.77 0.31	31.25 -0.56 0.95	33.99 -0.34 3.69	35.25 -0.46 3.04	39.24 0.16 1.21	44.33 0.31 0.55	53.64 0.21 0.00	59.63 1.00 0.00	57.61 1.30 0.00	58.18 1.86 0.00	48.45 1.18 0.01	40.36 0.40 0.01	35.71 0.80 0.00
RUSSELL___3 23549	14.11 0.01 -1.17	13.54 0.00 -1.79	11.41 -0.05 -0.80	10.59 -0.01 -0.59	10.87 -0.04 -0.58	14.76 -0.06 -0.49	23.30 -0.57 0.00	27.53 -0.67 0.91	27.15 -0.51 0.66	26.26 -0.70 0.10	28.11 -0.80 0.57	29.84 -0.77 0.31	31.25 -0.56 0.95	33.99 -0.34 3.69	35.25 -0.46 3.04	39.24 0.16 1.21	44.33 0.31 0.55	53.64 0.21 0.00	59.63 1.00 0.00	57.61 1.30 0.00	58.18 1.86 0.00	48.45 1.18 0.01	40.36 0.40 0.01	35.71 0.80 0.00
RUSSELL___4 23556	14.11 0.01 -1.17	13.54 0.00 -1.79	11.41 -0.05 -0.80	10.59 -0.01 -0.59	10.87 -0.04 -0.58	14.76 -0.06 -0.49	23.30 -0.57 0.00	27.53 -0.67 0.91	27.15 -0.51 0.66	26.26 -0.70 0.10	28.11 -0.80 0.57	29.84 -0.77 0.31	31.25 -0.56 0.95	33.99 -0.34 3.69	35.25 -0.46 3.04	39.24 0.16 1.21	44.33 0.31 0.55	53.64 0.21 0.00	59.63 1.00 0.00	57.61 1.30 0.00	58.18 1.86 0.00	48.45 1.18 0.01	40.36 0.40 0.01	35.71 0.80 0.00
RUSSELL___STATION 23914	14.11 0.01 -1.17	13.54 0.00 -1.79	11.41 -0.05 -0.80	10.59 -0.01 -0.59	10.87 -0.04 -0.58	14.76 -0.06 -0.49	23.30 -0.57 0.00	27.53 -0.67 0.91	27.15 -0.51 0.66	26.26 -0.70 0.10	28.11 -0.80 0.57	29.84 -0.77 0.31	31.25 -0.56 0.95	33.99 -0.34 3.69	35.25 -0.46 3.04	39.24 0.16 1.21	44.33 0.31 0.55	53.64 0.21 0.00	59.63 1.00 0.00	57.61 1.30 0.00	58.18 1.86 0.00	48.45 1.18 0.01	40.36 0.40 0.01	35.71 0.80 0.00
S SALMON___HYD 24043	13.66 0.05 -0.68	13.14 0.05 -1.35	11.18 0.04 -0.48	10.27 0.01 -0.25	10.60 0.02 -0.25	14.60 0.06 -0.21	23.66 -0.22 0.00	28.76 -0.35 0.00	27.95 -0.37 0.00	26.52 -0.54 0.00	29.01 -0.47 0.00	30.46 -0.46 0.00	32.29 -0.46 0.00	36.99 -0.45 0.57	37.83 -0.46 0.45	39.96 -0.32 0.00	44.26 -0.31 0.00	53.22 -0.21 0.00	59.04 0.41 0.00	57.10 0.79 0.00	57.22 0.90 0.00	47.89 0.61 0.00	40.25 0.28 0.00	35.18 0.28 0.00
S.PERRY__115KV_TB1 80734	14.72 0.08 -1.72	13.98 0.04 -2.20	11.80 -0.02 -1.15	11.03 0.02 -1.00	11.30 -0.01 -0.98	15.19 0.04 -0.82	23.54 -0.33 0.00	45.67 -1.37 -17.94	40.33 -1.42 -13.42	27.30 -1.70 -1.95	39.31 -1.89 -11.72	35.44 -1.89 -6.41	50.17 -1.87 -19.28	55.63 -1.94 -19.55	54.60 -2.01 -17.87	63.49 -1.57 -24.77	54.31 -1.43 -11.17	52.42 -1.02 0.00	58.92 0.29 0.00	57.66 1.35 0.00	58.40 2.08 0.00	48.59 1.32 0.01	40.36 0.40 0.01	35.43 0.52 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	13.99 -0.48 -1.55	13.38 -0.45 -2.08	11.23 -0.48 -1.04	10.47 -0.41 -0.88	10.75 -0.43 -0.86	14.45 -0.60 -0.72	22.23 -1.65 0.00	22.77 -1.86 4.47	23.42 -1.64 3.26	24.72 -1.87 0.47	24.60 -2.03 2.85	27.32 -2.04 1.56	26.10 -1.97 4.69	27.96 -2.05 8.00	29.69 -2.13 6.92	32.33 -1.93 6.03	39.84 -2.01 2.72	51.03 -2.40 0.00	56.93 -1.70 0.00	55.36 -0.96 0.00	55.98 -0.34 0.00	46.79 -0.47 0.01	39.08 -0.88 0.01	34.84 -0.07 0.00

SAWYER___23_KV_LOAD 55526	13.99 -0.48 -1.55	13.38 -0.45 -2.08	11.23 -0.48 -1.04	10.47 -0.41 -0.88	10.75 -0.43 -0.86	14.45 -0.60 -0.72	22.23 -1.65 0.00	22.77 -1.86 4.47	23.42 -1.64 3.26	24.72 -1.87 0.47	24.60 -2.03 2.85	27.32 -2.04 1.56	26.10 -1.97 4.69	27.96 -2.05 8.00	29.69 -2.13 6.92	32.33 -1.93 6.03	39.84 -2.01 2.72	51.03 -2.40 0.00	56.93 -1.70 0.00	55.36 -0.96 0.00	55.98 -0.34 0.00	46.79 -0.47 0.01	39.08 -0.88 0.01	34.84 -0.07 0.00
SELKIRK___I 23801	24.42 0.43 -11.07	21.19 0.39 -9.06	17.43 0.37 -6.39	18.71 0.34 -8.36	18.86 0.35 -8.18	20.19 0.52 -5.34	22.25 0.69 2.32	28.50 0.58 1.19	28.72 0.40 0.00	27.36 0.30 0.00	29.74 0.26 0.00	31.23 0.31 0.00	32.98 0.23 0.00	35.82 0.27 2.46	37.07 0.27 1.95	40.53 0.24 0.00	44.70 0.13 0.00	53.75 0.32 0.00	59.51 0.88 0.00	56.67 0.96 0.60	56.94 0.62 0.00	44.95 0.42 2.75	40.32 0.36 0.01	35.36 0.45 0.00
SELKIRK___II 23799	24.46 0.41 -11.13	21.20 0.36 -9.09	17.32 0.35 -6.31	18.79 0.33 -8.45	18.94 0.34 -8.27	20.03 0.49 -5.22	21.88 0.64 2.64	28.33 0.58 1.35	28.80 0.48 0.00	27.49 0.43 0.00	29.92 0.44 0.00	31.39 0.46 0.00	33.14 0.39 0.00	36.00 0.46 2.48	37.25 0.47 1.96	40.65 0.36 0.00	44.61 0.04 0.00	53.54 0.11 0.00	59.22 0.59 0.00	56.19 0.56 0.69	56.43 0.11 0.00	44.14 -0.05 3.10	39.96 0.00 0.01	35.05 0.14 0.00
SENECA OSWGO___HYD 24041	13.60 -0.08 -0.75	13.11 -0.07 -1.43	11.11 -0.07 -0.52	10.22 -0.08 -0.29	10.54 -0.07 -0.29	14.48 -0.10 -0.25	23.42 -0.45 0.00	28.52 -0.58 0.00	27.78 -0.54 0.00	26.44 -0.62 0.00	28.80 -0.68 0.00	30.18 -0.74 0.00	32.00 -0.75 0.00	37.40 -0.84 -0.23	38.11 -0.82 -0.18	39.60 -0.69 0.00	43.81 -0.76 0.00	52.57 -0.86 0.00	58.16 -0.47 0.00	56.03 -0.28 0.00	56.04 -0.28 0.00	46.85 -0.43 0.00	39.45 -0.52 0.00	34.56 -0.35 0.00
SENECA___115KV_TB3 355854	14.07 -0.48 -1.63	13.41 -0.47 -2.14	11.26 -0.50 -1.09	10.51 -0.43 -0.94	10.79 -0.45 -0.92	14.48 -0.62 -0.77	22.40 -1.48 0.00	22.27 -1.60 5.23	22.96 -1.42 3.95	24.92 -1.57 0.57	24.33 -1.71 3.44	27.34 -1.70 1.88	25.45 -1.64 5.67	27.17 -1.75 9.10	29.02 -1.82 7.91	31.29 -1.77 7.22	39.53 -1.78 3.26	51.72 -1.71 0.00	57.75 -0.88 0.00	56.20 -0.11 0.00	56.77 0.45 0.00	47.36 0.09 0.01	39.52 -0.44 0.01	35.15 0.24 0.00
SENECA___ENERGY 23797	14.31 0.06 -1.32	13.68 0.05 -1.88	11.58 0.02 -0.89	10.72 0.00 -0.71	11.04 0.02 -0.69	14.97 0.06 -0.58	23.76 -0.12 0.00	31.57 -0.06 -2.53	30.22 -0.03 -1.92	27.12 -0.22 -0.28	30.95 -0.20 -1.68	31.69 -0.15 -0.92	35.32 -0.20 -2.76	40.13 -0.19 -2.30	40.72 -0.19 -2.16	45.00 0.93 -3.79	47.52 1.25 -1.71	55.46 2.03 0.00	60.33 1.70 0.00	58.28 1.97 0.00	58.34 2.02 0.00	48.65 1.37 0.01	40.81 0.84 0.01	35.74 0.84 0.00
SHOEMAKER___GT 23640	22.62 0.85 -8.84	20.01 0.79 -7.48	17.12 0.68 -5.78	17.00 0.64 -6.35	17.21 0.67 -6.22	20.41 0.93 -5.15	25.26 1.38 0.00	30.56 1.45 0.00	29.65 1.33 0.00	28.38 1.33 0.00	30.87 1.39 0.00	32.38 1.45 0.00	34.29 1.54 0.00	37.52 1.75 2.24	38.79 1.82 1.78	41.94 1.65 0.00	46.48 1.92 0.00	55.94 2.51 0.00	61.85 3.22 0.00	59.30 2.98 0.00	58.57 2.26 0.00	48.64 1.37 0.01	41.36 1.40 0.01	36.41 1.50 0.00
SHOEMAKR_138KV_BK 111 55601	22.56 0.87 -8.77	19.95 0.79 -7.42	17.10 0.70 -5.73	16.94 0.64 -6.30	17.16 0.67 -6.16	20.36 0.93 -5.10	25.28 1.41 0.00	30.59 1.48 0.00	29.71 1.39 0.00	28.41 1.35 0.00	30.95 1.47 0.00	32.44 1.52 0.00	34.32 1.57 0.00	37.53 1.75 2.24	38.80 1.82 1.77	41.98 1.69 0.00	46.53 1.96 0.00	55.73 2.30 0.00	61.62 2.99 0.00	59.24 2.93 0.00	58.63 2.31 0.00	48.64 1.37 0.01	41.36 1.40 0.01	36.41 1.50 0.00
SHOREHAM_IC_1 23715	25.72 1.51 -11.29	21.24 1.37 -8.12	18.20 1.19 -6.34	18.10 1.10 -7.00	18.32 1.15 -6.85	22.60 1.83 -6.44	27.33 2.51 -0.94	31.97 2.85 -0.01	30.57 2.24 -0.01	29.31 2.24 -0.01	31.69 2.18 -0.03	33.24 2.29 -0.03	37.31 2.36 -2.20	39.25 2.40 1.16	41.04 2.60 0.30	44.34 2.17 -1.88	47.97 2.18 -1.21	62.45 2.41 -6.61	70.82 3.58 -8.61	68.11 3.72 -8.08	64.92 1.57 -7.03	51.90 0.99 -3.63	42.78 1.20 -1.61	37.91 1.78 -1.22
SHOREHAM_IC_2 23716	25.73 1.51 -11.29	21.24 1.37 -8.13	18.22 1.22 -6.34	18.10 1.10 -7.00	18.31 1.14 -6.85	22.60 1.83 -6.44	27.33 2.51 -0.94	31.94 2.82 -0.01	30.60 2.27 -0.01	29.34 2.27 -0.01	31.78 2.27 -0.03	33.27 2.32 -0.03	37.28 2.33 -2.20	39.21 2.36 1.16	40.85 2.40 0.30	44.14 1.97 -1.88	47.92 2.14 -1.21	62.18 2.14 -6.61	70.23 2.99 -8.61	68.05 3.66 -8.08	64.98 1.63 -7.03	51.90 0.99 -3.62	42.82 1.24 -1.61	38.05 1.92 -1.22
SISSONVILLE____ 23735	11.84 -0.72 0.36	9.95 -0.66 1.14	9.80 -0.60 0.27	9.43 -0.58 0.00	9.74 -0.59 0.00	13.55 -0.77 0.01	22.87 -1.00 0.00	28.11 -0.99 0.00	27.36 -0.96 0.00	26.17 -0.89 0.00	28.68 -0.80 0.00	30.12 -0.80 0.00	31.96 -0.79 0.00	36.09 -0.87 1.05	36.98 -0.93 0.83	39.32 -0.97 0.00	43.59 -0.98 0.00	52.42 -1.02 0.00	57.11 -1.52 0.00	54.74 -1.58 0.00	55.08 -1.24 0.00	46.42 -0.85 0.01	39.17 -0.80 0.01	33.79 -1.12 0.00
SITHE_IND_GS1 24169	13.34 -0.18 -0.60	12.89 -0.16 -1.31	10.93 -0.16 -0.42	10.04 -0.15 -0.18	10.35 -0.15 -0.18	14.27 -0.21 -0.16	23.23 -0.64 0.00	28.23 -0.87 0.00	27.50 -0.82 0.00	26.22 -0.84 0.00	28.54 -0.94 0.00	29.90 -1.02 0.00	31.67 -1.08 0.00	28.54 -1.25 8.22	30.95 -1.28 6.52	39.08 -1.21 0.00	43.23 -1.34 0.00	51.88 -1.55 0.00	57.40 -1.23 0.00	55.24 -1.07 0.00	55.25 -1.07 0.00	46.20 -1.04 0.04	38.93 -1.00 0.04	34.17 -0.73 0.00
SITHE_IND_GS2 24170	13.34 -0.18 -0.60	12.89 -0.16 -1.31	10.93 -0.16 -0.42	10.04 -0.15 -0.18	10.35 -0.15 -0.18	14.27 -0.21 -0.16	23.23 -0.64 0.00	28.23 -0.87 0.00	27.50 -0.82 0.00	26.22 -0.84 0.00	28.54 -0.94 0.00	29.90 -1.02 0.00	31.67 -1.08 0.00	28.54 -1.25 8.22	30.95 -1.28 6.52	39.08 -1.21 0.00	43.23 -1.34 0.00	51.88 -1.55 0.00	57.40 -1.23 0.00	55.24 -1.07 0.00	55.25 -1.07 0.00	46.20 -1.04 0.04	38.93 -1.00 0.04	34.17 -0.73 0.00
SITHE_IND_GS3 24171	13.34 -0.18 -0.60	12.89 -0.16 -1.31	10.93 -0.16 -0.42	10.04 -0.15 -0.18	10.35 -0.15 -0.18	14.27 -0.21 -0.16	23.23 -0.64 0.00	28.23 -0.87 0.00	27.50 -0.82 0.00	26.22 -0.84 0.00	28.54 -0.94 0.00	29.90 -1.02 0.00	31.67 -1.08 0.00	28.54 -1.25 8.22	30.95 -1.28 6.52	39.08 -1.21 0.00	43.23 -1.34 0.00	51.88 -1.55 0.00	57.40 -1.23 0.00	55.24 -1.07 0.00	55.25 -1.07 0.00	46.20 -1.04 0.04	38.93 -1.00 0.04	34.17 -0.73 0.00
SITHE_IND_GS4 24172	13.34 -0.18 -0.60	12.89 -0.16 -1.31	10.93 -0.16 -0.42	10.04 -0.15 -0.18	10.35 -0.15 -0.18	14.27 -0.21 -0.16	23.23 -0.64 0.00	28.23 -0.87 0.00	27.50 -0.82 0.00	26.22 -0.84 0.00	28.54 -0.94 0.00	29.90 -1.02 0.00	31.67 -1.08 0.00	28.54 -1.25 8.22	30.95 -1.28 6.52	39.08 -1.21 0.00	43.23 -1.34 0.00	51.88 -1.55 0.00	57.40 -1.23 0.00	55.24 -1.07 0.00	55.25 -1.07 0.00	46.20 -1.04 0.04	38.93 -1.00 0.04	34.17 -0.73 0.00

SITHE___BATAVIA 24024	14.24 -0.04 -1.35	13.61 -0.06 -1.93	11.47 -0.11 -0.91	10.67 -0.06 -0.73	10.96 -0.08 -0.71	14.80 -0.13 -0.60	23.18 -0.69 0.00	25.68 -0.52 2.90	25.83 -0.34 2.15	26.07 -0.68 0.31	26.87 -0.74 1.87	29.20 -0.71 1.02	29.21 -0.46 3.08	31.70 -0.19 6.13	33.12 -0.39 5.24	36.75 0.28 3.82	43.20 0.35 1.73	53.70 0.27 0.00	60.04 1.40 0.00	58.40 2.08 0.00	59.19 2.87 0.00	49.11 1.84 0.01	40.88 0.92 0.01	36.27 1.36 0.00
SITHE___INDEPEND 23800	13.34 -0.18 -0.60	12.89 -0.16 -1.31	10.93 -0.16 -0.42	10.04 -0.15 -0.18	10.35 -0.15 -0.18	14.27 -0.21 -0.16	23.23 -0.64 0.00	28.23 -0.87 0.00	27.50 -0.82 0.00	26.22 -0.84 0.00	28.48 -1.00 0.00	29.87 -1.05 0.00	31.67 -1.08 0.00	28.54 -1.25 8.22	30.95 -1.28 6.52	39.08 -1.21 0.00	43.23 -1.34 0.00	51.77 -1.66 0.00	57.28 -1.35 0.00	55.24 -1.07 0.00	55.25 -1.07 0.00	46.20 -1.04 0.04	38.89 -1.04 0.04	34.17 -0.73 0.00
SITHE___MASSENA 23902	12.00 -0.28 0.64	9.47 -0.25 2.03	9.96 -0.23 0.47	9.79 -0.22 0.00	10.10 -0.23 0.00	14.00 -0.32 0.01	23.61 -0.26 0.00	29.02 -0.09 0.00	28.29 -0.03 0.00	27.11 0.05 0.00	29.63 0.15 0.00	31.11 0.19 0.00	33.01 0.26 0.00	37.54 0.34 0.81	38.41 0.31 0.65	40.57 0.28 0.00	44.84 0.27 0.00	53.70 0.27 0.00	58.40 -0.23 0.00	55.98 -0.34 0.00	56.32 0.00 0.00	47.42 0.14 0.00	40.13 0.16 0.00	34.77 -0.14 0.00
SITHE___OGDNSBRG 24021	12.17 -0.25 0.51	9.91 -0.22 1.61	10.10 -0.19 0.38	9.81 -0.20 0.00	10.13 -0.20 0.00	14.10 -0.21 0.01	23.83 -0.05 0.00	29.25 0.15 0.00	28.46 0.14 0.00	27.19 0.14 0.00	29.72 0.24 0.00	31.20 0.28 0.00	33.14 0.39 0.00	37.59 0.49 0.92	38.56 0.54 0.73	40.77 0.48 0.00	45.15 0.58 0.00	54.45 1.02 0.00	59.39 0.76 0.00	56.99 0.68 0.00	57.50 1.18 0.00	48.46 1.18 0.00	40.89 0.92 0.00	35.25 0.35 0.00
SITHE___STERLING 23777	13.87 0.46 -0.48	13.69 0.41 -1.53	11.40 0.37 -0.36	10.33 0.32 0.00	10.67 0.34 0.00	14.91 0.57 -0.01	24.57 0.69 0.00	29.80 0.70 0.00	28.97 0.65 0.00	27.44 0.38 0.00	29.98 0.50 0.00	31.48 0.56 0.00	33.34 0.59 0.00	36.58 0.84 2.27	37.84 0.89 1.80	41.41 1.13 0.00	46.04 1.47 0.00	55.25 1.82 0.00	61.33 2.70 0.00	59.24 2.93 0.00	59.13 2.81 0.00	49.40 2.13 0.01	41.44 1.48 0.01	36.27 1.36 0.00
SLEIGHT__34_KV_TB1 80719	13.96 -0.08 -1.12	13.41 -0.08 -1.75	11.32 -0.11 -0.76	10.47 -0.09 -0.56	10.76 -0.11 -0.54	14.66 -0.13 -0.46	23.28 -0.60 0.00	28.41 -0.70 0.00	27.76 -0.57 0.00	26.33 -0.73 0.00	28.65 -0.83 0.00	30.12 -0.80 0.00	32.10 -0.66 0.00	35.32 -0.53 2.16	36.41 -0.62 1.71	40.33 0.04 0.00	44.79 0.22 0.00	53.64 0.21 0.00	59.16 0.53 0.00	57.10 0.79 0.00	57.39 1.07 0.00	47.88 0.61 0.01	40.00 0.04 0.01	35.22 0.31 0.00
SMITHTWN_69_KV_BK 1 55830	25.91 1.68 -11.31	21.40 1.53 -8.13	18.36 1.35 -6.34	18.23 1.23 -7.00	18.44 1.27 -6.85	22.70 1.92 -6.44	27.67 2.84 -0.95	32.37 3.26 -0.01	31.25 2.92 -0.01	29.96 2.90 -0.01	31.96 2.45 -0.03	33.64 2.69 -0.03	38.14 2.55 -2.83	39.84 2.66 0.83	41.58 2.71 -0.12	45.04 2.34 -2.41	48.71 2.58 -1.56	76.57 2.19 -20.95	90.04 3.05 -28.36	85.94 3.38 -26.24	80.61 1.63 -22.66	58.54 0.76 -10.50	44.36 1.44 -2.95	38.51 2.02 -1.58
SOUTH CAIRO___GT 23612	24.15 0.53 -10.70	20.98 0.46 -8.78	17.54 0.71 -6.16	18.47 0.39 -8.07	18.65 0.42 -7.90	20.47 1.00 -5.14	23.13 1.53 2.27	29.43 1.48 1.16	29.12 0.79 0.00	27.63 0.57 0.00	30.04 0.56 0.00	31.54 0.62 0.00	33.31 0.56 0.00	36.34 0.76 2.44	37.67 0.85 1.93	41.17 0.89 0.00	45.55 0.98 0.00	55.09 1.66 0.00	61.33 2.70 0.00	59.78 4.05 0.59	59.02 2.70 0.00	47.25 2.74 2.77	41.48 1.52 0.01	36.48 1.57 0.00
SOUTH HAMPTN___IC 23720	25.88 1.67 -11.29	21.39 1.52 -8.12	18.32 1.32 -6.34	18.21 1.21 -7.00	18.44 1.27 -6.84	22.76 1.99 -6.44	27.63 2.82 -0.94	32.34 3.23 -0.01	31.02 2.69 -0.01	29.77 2.71 -0.01	32.19 2.68 -0.03	33.74 2.78 -0.03	37.72 2.85 -2.13	39.78 2.97 1.20	41.57 3.18 0.35	44.88 2.78 -1.81	48.64 2.90 -1.17	62.11 3.37 -5.31	69.90 4.45 -6.82	67.19 4.45 -6.43	64.24 2.31 -5.61	51.83 1.56 -3.00	43.16 1.72 -1.47	38.32 2.24 -1.18
SOUTHDOW_115KV_TB1 355954	14.12 -0.57 -1.77	13.41 -0.58 -2.24	11.25 -0.60 -1.18	10.51 -0.53 -1.04	10.81 -0.54 -1.02	14.49 -0.69 -0.85	22.61 -1.27 0.00	25.43 -1.19 2.48	25.98 -0.88 1.47	25.90 -0.95 0.21	27.35 -0.85 1.28	29.36 -0.87 0.70	29.83 -0.82 2.10	32.11 -0.91 5.00	33.56 -0.97 4.22	36.61 -1.01 2.67	42.25 -1.11 1.20	53.32 -0.11 0.00	59.51 0.88 0.00	57.89 1.58 0.00	58.29 1.97 0.00	48.54 1.28 0.01	40.32 0.36 0.01	35.95 1.05 0.00
SOUTHOLD_69_KV_BK 2 55809	26.02 1.81 -11.29	21.51 1.64 -8.13	18.48 1.48 -6.34	18.32 1.32 -7.00	18.56 1.38 -6.85	22.93 2.16 -6.44	27.97 3.15 -0.94	32.72 3.61 -0.01	31.42 3.09 -0.01	30.18 3.11 -0.01	32.66 3.15 -0.03	34.14 3.19 -0.03	38.09 3.21 -2.13	40.08 3.27 1.20	41.73 3.33 0.35	45.00 2.90 -1.82	49.04 3.30 -1.17	62.45 3.69 -5.33	69.82 4.34 -6.85	67.56 4.79 -6.46	64.66 2.70 -5.64	52.13 1.84 -3.01	43.41 1.96 -1.48	38.74 2.65 -1.18
SOUTHOLD___IC 23719	26.02 1.81 -11.29	21.51 1.64 -8.12	18.45 1.45 -6.34	18.32 1.32 -7.00	18.56 1.38 -6.84	22.93 2.16 -6.44	27.97 3.15 -0.94	32.72 3.61 -0.01	31.42 3.09 -0.01	30.18 3.11 -0.01	32.60 3.09 -0.03	34.11 3.16 -0.03	38.09 3.21 -2.13	40.16 3.35 1.20	41.92 3.53 0.35	45.25 3.14 -1.82	49.04 3.30 -1.17	62.72 3.95 -5.33	70.41 4.93 -6.85	67.62 4.84 -6.46	64.55 2.59 -5.64	52.13 1.84 -3.01	43.37 1.92 -1.48	38.60 2.51 -1.18
SOUTH_FORK_WT_PWR 323839	26.01 1.80 -11.29	21.49 1.62 -8.12	18.44 1.44 -6.34	18.31 1.31 -7.00	18.55 1.37 -6.84	22.93 2.16 -6.44	27.94 3.13 -0.94	32.69 3.58 -0.01	31.39 3.06 -0.01	30.18 3.11 -0.01	32.55 3.04 -0.03	34.01 3.06 -0.03	37.96 3.08 -2.13	39.89 3.08 1.20	41.65 3.26 0.35	44.88 2.78 -1.81	48.64 2.90 -1.17	62.22 3.47 -5.32	69.69 4.22 -6.83	66.86 4.11 -6.44	63.86 1.92 -5.62	51.56 1.28 -3.00	42.97 1.52 -1.48	38.36 2.27 -1.18
SPIERFLS_115KV_TB 1 80737	27.72 0.97 -13.82	24.24 0.85 -11.65	23.71 0.80 -12.25	19.47 0.73 -8.74	19.63 0.75 -8.55	28.04 1.12 -12.59	34.54 1.72 -8.95	35.52 1.83 -4.58	30.11 1.78 0.00	28.57 1.52 0.00	31.07 1.59 0.00	32.59 1.67 0.00	33.60 0.85 0.00	36.48 1.03 2.56	37.88 1.16 2.03	41.58 1.29 0.00	45.91 1.34 0.00	55.51 2.08 0.00	61.50 2.87 0.00	61.73 3.10 -2.32	59.08 2.76 0.00	55.35 2.32 -5.75	41.80 1.84 0.01	36.62 1.71 0.00
ST LAWRENCE____ 23600	11.93 -0.31 0.68	9.29 -0.28 2.17	9.90 -0.26 0.51	9.77 -0.24 0.00	10.08 -0.25 0.00	13.97 -0.34 0.02	23.54 -0.33 0.00	28.84 -0.26 0.00	28.13 -0.20 0.00	26.92 -0.13 0.00	29.39 -0.09 0.00	30.86 -0.06 0.00	32.72 -0.03 0.00	37.20 -0.04 0.78	38.09 -0.04 0.62	40.21 -0.08 0.00	44.43 -0.13 0.00	53.27 -0.16 0.00	57.93 -0.70 0.00	55.52 -0.79 0.00	55.81 -0.51 0.00	47.04 -0.24 0.00	39.77 -0.20 0.00	34.52 -0.38 0.00

STATE_CA_115KV_115_LB 55624	24.55 0.44 -11.19	21.26 0.39 -9.13	17.21 0.37 -6.18	18.94 0.37 -8.57	19.09 0.38 -8.38	19.85 0.50 -5.01	21.42 0.67 3.12	28.12 0.61 1.60	28.80 0.48 0.00	27.52 0.46 0.00	29.95 0.47 0.00	31.45 0.53 0.00	33.18 0.43 0.00	36.04 0.53 2.51	37.26 0.50 1.99	40.77 0.48 0.00	45.06 0.49 0.00	54.02 0.59 0.00	59.69 1.06 0.00	56.74 1.24 0.81	57.05 0.73 0.00	43.90 0.38 3.76	40.32 0.36 0.01	35.36 0.45 0.00
STATE_ST_34_KV_LOAD 55959	14.28 0.13 -1.23	13.67 0.11 -1.82	11.57 0.07 -0.83	10.71 0.06 -0.65	11.02 0.06 -0.63	14.98 0.11 -0.53	23.80 -0.07 0.00	30.20 -0.06 -1.16	29.21 0.00 -0.89	27.05 -0.14 -0.13	30.08 -0.18 -0.78	31.19 -0.15 -0.42	33.93 -0.10 -1.28	38.65 -0.04 -0.67	39.44 0.00 -0.69	43.18 1.25 -1.64	46.87 1.56 -0.74	55.57 2.14 0.00	60.16 1.52 0.00	58.06 1.75 0.00	58.06 1.75 0.00	48.50 1.23 0.01	40.68 0.72 0.01	35.60 0.70 0.00
STATION_5_MISC_HYD 23604	14.06 -0.04 -1.17	13.49 -0.05 -1.79	11.37 -0.09 -0.80	10.55 -0.05 -0.59	10.85 -0.06 -0.58	14.70 -0.12 -0.49	23.18 -0.69 0.00	27.35 -0.84 0.90	27.01 -0.65 0.66	26.12 -0.84 0.10	27.99 -0.91 0.57	29.68 -0.93 0.31	31.02 -0.79 0.94	33.68 -0.65 3.68	34.97 -0.74 3.04	38.97 -0.16 1.16	43.96 -0.09 0.52	53.22 -0.21 0.00	59.04 0.41 0.00	57.16 0.85 0.00	57.73 1.41 0.00	48.02 0.75 0.01	40.16 0.20 0.01	35.53 0.63 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	14.27 0.26 -1.09	13.67 0.21 -1.72	11.56 0.16 -0.74	10.71 0.17 -0.53	10.99 0.14 -0.52	15.00 0.23 -0.44	23.95 0.07 0.00	29.25 0.15 0.00	28.61 0.28 0.00	27.11 0.05 0.00	29.51 0.03 0.00	31.02 0.09 0.00	33.11 0.36 0.00	37.13 0.68 1.57	38.08 0.58 1.25	42.06 1.77 0.00	46.80 2.23 0.00	56.16 2.72 0.00	61.56 2.93 0.00	59.35 3.04 0.00	59.70 3.38 0.00	49.68 2.41 0.01	41.40 1.44 0.01	36.41 1.50 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	13.97 -0.10 -1.15	13.42 -0.11 -1.78	11.30 -0.15 -0.78	10.48 -0.11 -0.58	10.75 -0.14 -0.57	14.62 -0.19 -0.48	23.09 -0.79 0.00	27.27 -0.96 0.88	26.89 -0.79 0.64	26.02 -0.95 0.09	27.86 -1.06 0.56	29.57 -1.05 0.30	30.95 -0.88 0.92	33.62 -0.76 3.64	34.86 -0.89 3.00	38.75 -0.36 1.18	43.82 -0.22 0.53	52.95 -0.48 0.00	58.81 0.18 0.00	56.82 0.51 0.00	57.28 0.96 0.00	47.74 0.47 0.01	39.84 -0.12 0.01	35.22 0.31 0.00
STA_56___34_KV_BUS2 355983	13.97 -0.10 -1.15	13.42 -0.11 -1.78	11.30 -0.15 -0.78	10.48 -0.11 -0.58	10.75 -0.14 -0.57	14.62 -0.19 -0.48	23.09 -0.79 0.00	27.27 -0.96 0.88	26.89 -0.79 0.64	26.02 -0.95 0.09	27.86 -1.06 0.56	29.57 -1.05 0.30	30.95 -0.88 0.92	33.62 -0.76 3.64	34.86 -0.89 3.00	38.75 -0.36 1.18	43.82 -0.22 0.53	52.95 -0.48 0.00	58.81 0.18 0.00	56.82 0.51 0.00	57.28 0.96 0.00	47.74 0.47 0.01	39.84 -0.12 0.01	35.22 0.31 0.00
STA_67___115KV_BK2 355882	14.03 -0.06 -1.17	13.47 -0.07 -1.79	11.34 -0.12 -0.80	10.53 -0.07 -0.59	10.80 -0.10 -0.58	14.68 -0.14 -0.49	23.14 -0.74 0.00	27.28 -0.90 0.92	26.91 -0.74 0.67	26.04 -0.92 0.10	27.83 -1.06 0.59	29.55 -1.05 0.32	30.90 -0.88 0.96	33.54 -0.76 3.71	34.84 -0.85 3.06	38.69 -0.36 1.24	43.79 -0.22 0.56	52.90 -0.53 0.00	58.81 0.18 0.00	56.88 0.56 0.00	57.39 1.07 0.00	47.83 0.57 0.01	39.96 0.00 0.01	35.32 0.42 0.00
STA_7___115KV_9TRANS 80674	14.11 0.01 -1.17	13.54 0.00 -1.79	11.41 -0.05 -0.80	10.59 -0.01 -0.59	10.87 -0.04 -0.58	14.76 -0.06 -0.49	23.30 -0.57 0.00	27.53 -0.67 0.91	27.15 -0.51 0.66	26.26 -0.70 0.10	28.11 -0.80 0.57	29.84 -0.77 0.31	31.25 -0.56 0.95	33.99 -0.34 3.69	35.25 -0.46 3.04	39.24 0.16 1.21	44.33 0.31 0.55	53.64 0.21 0.00	59.63 1.00 0.00	57.61 1.30 0.00	58.18 1.86 0.00	48.45 1.18 0.01	40.36 0.40 0.01	35.71 0.80 0.00
STA_82___115KV_TB1 80780	14.03 -0.06 -1.18	13.47 -0.07 -1.80	11.35 -0.12 -0.80	10.53 -0.07 -0.60	10.81 -0.10 -0.59	14.69 -0.13 -0.49	23.14 -0.74 0.00	27.38 -0.90 0.82	26.99 -0.74 0.59	26.05 -0.92 0.09	27.93 -1.03 0.52	29.62 -1.02 0.28	31.05 -0.85 0.85	33.73 -0.72 3.56	34.97 -0.85 2.93	38.88 -0.32 1.09	43.85 -0.22 0.49	52.95 -0.48 0.00	58.87 0.23 0.00	56.88 0.56 0.00	57.44 1.13 0.00	47.88 0.61 0.01	39.96 0.00 0.01	35.36 0.45 0.00
STEEL___WIND 323596	14.05 -0.50 -1.63	13.40 -0.48 -2.14	11.27 -0.49 -1.09	10.50 -0.44 -0.94	10.81 -0.43 -0.92	14.47 -0.63 -0.77	22.35 -1.53 0.00	22.24 -1.63 5.23	22.96 -1.42 3.95	24.89 -1.60 0.57	24.33 -1.71 3.44	27.37 -1.67 1.88	25.38 -1.70 5.67	27.09 -1.82 9.10	28.94 -1.90 7.91	31.43 -1.77 7.09	39.46 -1.92 3.20	51.72 -1.71 0.00	57.63 -1.00 0.00	56.26 -0.06 0.00	56.88 0.56 0.00	47.32 0.05 0.01	39.52 -0.44 0.01	35.18 0.28 0.00
STEPHTWN_115KV_BK_2 55603	24.30 0.49 -10.89	21.02 0.42 -8.85	16.69 0.41 -5.62	18.88 0.39 -8.49	19.03 0.40 -8.30	19.24 0.56 -4.35	20.56 0.79 4.10	27.73 0.73 2.10	29.00 0.68 0.00	27.68 0.62 0.00	30.13 0.65 0.00	31.57 0.65 0.00	33.31 0.56 0.00	36.21 0.68 2.49	37.43 0.66 1.97	40.93 0.64 0.00	45.24 0.67 0.00	54.29 0.85 0.00	60.10 1.47 0.00	56.83 1.58 1.06	57.39 1.07 0.00	43.22 0.66 4.73	40.52 0.56 0.01	35.53 0.63 0.00
STEBEN_REC_LFGE 323667	14.65 -0.49 -2.22	13.84 -0.48 -2.58	11.67 -0.47 -1.47	10.94 -0.44 -1.38	11.25 -0.42 -1.35	14.95 -0.50 -1.12	22.83 -1.05 0.00	40.21 -1.14 -12.24	36.61 -0.96 -9.26	27.27 -1.14 -1.34	36.44 -1.12 -8.08	34.20 -1.14 -4.42	44.90 -1.15 -13.29	49.58 -1.29 -12.85	49.21 -1.36 -11.82	56.16 -1.21 -17.08	51.25 -1.03 -7.70	53.27 -0.16 0.00	59.45 0.82 0.00	58.00 1.69 0.00	58.46 2.14 0.00	48.68 1.42 0.01	40.48 0.52 0.01	35.50 0.59 0.00
STILLWATER___SOLAR 323814	28.27 0.90 -14.45	24.82 0.81 -12.26	25.29 0.73 -13.90	19.38 0.68 -8.69	19.53 0.70 -8.51	30.03 1.02 -14.68	37.80 1.53 -12.39	37.05 1.60 -6.35	29.71 1.39 0.00	28.20 1.14 0.00	30.57 1.09 0.00	32.10 1.17 0.00	33.70 0.95 0.00	36.60 1.14 2.55	37.96 1.24 2.02	41.62 1.33 0.00	46.17 1.60 0.00	55.89 2.46 0.00	61.97 3.34 0.00	62.96 3.44 -3.22	59.36 3.04 0.00	57.58 2.46 -7.85	41.92 1.96 0.01	36.72 1.81 0.00
STONY___BROOK 24151	25.85 1.63 -11.30	21.35 1.48 -8.12	18.29 1.29 -6.34	18.19 1.19 -7.00	18.41 1.24 -6.85	22.65 1.88 -6.44	27.57 2.74 -0.95	32.26 3.14 -0.01	31.11 2.78 -0.01	29.83 2.76 -0.01	32.01 2.50 -0.03	33.68 2.72 -0.03	37.99 2.75 -2.49	39.89 2.89 1.01	41.70 3.06 0.11	45.23 2.82 -2.12	48.61 2.67 -1.37	68.73 2.51 -12.79	79.26 3.52 -17.11	75.59 3.38 -15.90	71.71 1.63 -13.76	54.73 0.85 -6.59	43.73 1.56 -2.20	38.35 2.06 -1.39
STURGEON_POOL_HYD 23609	23.87 1.25 -9.69	21.01 1.15 -8.12	17.99 0.99 -6.33	17.89 0.90 -6.99	18.11 0.95 -6.84	21.37 1.38 -5.66	26.02 2.15 0.00	31.40 2.30 0.00	30.45 2.12 0.00	29.14 2.08 0.00	31.75 2.27 0.00	33.37 2.44 0.00	35.34 2.59 0.00	38.71 3.00 2.31	40.09 3.18 1.83	43.23 2.94 0.00	48.00 3.43 0.00	57.65 4.22 0.00	63.85 5.22 0.00	61.44 5.12 0.00	60.60 4.28 0.00	49.54 2.84 0.58	42.44 2.48 0.01	37.45 2.55 0.00

ST_LAW_115_BK7_LBMP 345037	11.91 -0.34 0.67	9.30 -0.31 2.14	9.89 -0.28 0.50	9.75 -0.26 0.00	10.06 -0.27 0.00	13.94 -0.37 0.02	23.49 -0.38 0.00	28.81 -0.29 0.00	28.09 -0.23 0.00	26.92 -0.13 0.00	29.39 -0.09 0.00	30.86 -0.06 0.00	32.72 -0.03 0.00	37.19 -0.04 0.79	38.09 -0.04 0.62	40.21 -0.08 0.00	44.43 -0.13 0.00	53.22 -0.21 0.00	57.87 -0.76 0.00	55.47 -0.84 0.00	55.76 -0.56 0.00	46.99 -0.28 0.00	39.73 -0.24 0.00	34.49 -0.42 0.00
ST_LAW_115_BK8_LBMP 345038	11.91 -0.34 0.67	9.30 -0.31 2.14	9.89 -0.28 0.50	9.75 -0.26 0.00	10.06 -0.27 0.00	13.94 -0.37 0.02	23.49 -0.38 0.00	28.81 -0.29 0.00	28.09 -0.23 0.00	26.92 -0.13 0.00	29.39 -0.09 0.00	30.86 -0.06 0.00	32.72 -0.03 0.00	37.19 -0.04 0.79	38.09 -0.04 0.62	40.21 -0.08 0.00	44.43 -0.13 0.00	53.22 -0.21 0.00	57.87 -0.76 0.00	55.47 -0.84 0.00	55.76 -0.56 0.00	46.99 -0.28 0.00	39.73 -0.24 0.00	34.49 -0.42 0.00
ST_LAW_230_BK5_LBMP 345035	11.92 -0.31 0.69	9.26 -0.28 2.20	9.89 -0.26 0.51	9.77 -0.24 0.00	10.08 -0.25 0.00	13.97 -0.34 0.02	23.54 -0.33 0.00	28.84 -0.26 0.00	28.13 -0.20 0.00	26.92 -0.13 0.00	29.39 -0.09 0.00	30.86 -0.06 0.00	32.72 -0.03 0.00	37.21 -0.04 0.77	38.10 -0.04 0.61	40.21 -0.08 0.00	44.43 -0.13 0.00	53.27 -0.16 0.00	57.93 -0.70 0.00	55.52 -0.79 0.00	55.81 -0.51 0.00	47.04 -0.24 0.00	39.77 -0.20 0.00	34.52 -0.38 0.00
ST_LAW_230_BK6_LBMP 345036	11.92 -0.31 0.69	9.26 -0.28 2.20	9.89 -0.26 0.51	9.77 -0.24 0.00	10.08 -0.25 0.00	13.97 -0.34 0.02	23.54 -0.33 0.00	28.84 -0.26 0.00	28.13 -0.20 0.00	26.92 -0.13 0.00	29.39 -0.09 0.00	30.86 -0.06 0.00	32.72 -0.03 0.00	37.21 -0.04 0.77	38.10 -0.04 0.61	40.21 -0.08 0.00	44.43 -0.13 0.00	53.27 -0.16 0.00	57.93 -0.70 0.00	55.52 -0.79 0.00	55.81 -0.51 0.00	47.04 -0.24 0.00	39.77 -0.20 0.00	34.52 -0.38 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	23.02 1.01 -9.09	20.33 0.92 -7.67	17.41 0.81 -5.94	17.29 0.74 -6.54	17.49 0.76 -6.40	20.72 1.09 -5.30	25.52 1.65 0.00	30.91 1.80 0.00	29.99 1.67 0.00	28.74 1.68 0.00	31.28 1.80 0.00	32.81 1.89 0.00	34.72 1.97 0.00	37.92 2.17 2.26	39.24 2.29 1.79	42.30 2.01 0.00	46.84 2.27 0.00	56.10 2.67 0.00	62.03 3.40 0.00	59.64 3.32 0.00	58.91 2.59 0.00	48.78 1.51 0.01	41.56 1.60 0.01	36.58 1.68 0.00
SWANROAD_115KV_TB1 355699	13.75 -0.66 -1.49	13.17 -0.61 -2.03	11.04 -0.63 -1.00	10.29 -0.55 -0.83	10.56 -0.58 -0.81	14.21 -0.80 -0.68	21.89 -1.98 0.00	22.88 -1.95 4.28	23.41 -1.73 3.18	24.65 -1.95 0.46	24.57 -2.15 2.75	27.23 -2.20 1.50	26.14 -2.06 4.55	27.98 -2.20 7.84	29.69 -2.29 6.77	32.56 -2.09 5.63	39.84 -2.18 2.55	49.85 -3.58 0.00	55.70 -2.93 0.00	54.17 -2.14 0.00	54.85 -1.46 0.00	45.89 -1.37 0.01	38.32 -1.64 0.01	34.21 -0.70 0.00
SYNERGY___BIOGAS 323694	14.24 -0.04 -1.35	13.61 -0.06 -1.93	11.45 -0.13 -0.91	10.67 -0.06 -0.73	10.93 -0.11 -0.71	14.80 -0.13 -0.60	23.18 -0.69 0.00	25.68 -0.52 2.90	25.80 -0.37 2.15	26.04 -0.70 0.31	26.81 -0.80 1.87	29.13 -0.77 1.02	29.21 -0.46 3.08	31.70 -0.19 6.13	33.16 -0.35 5.24	36.66 0.24 3.87	43.22 0.40 1.75	53.64 0.21 0.00	60.10 1.47 0.00	58.28 1.97 0.00	59.02 2.70 0.00	49.11 1.84 0.01	40.76 0.80 0.01	36.20 1.29 0.00
SYRACUSE___ENERGY_ST1 323597	13.96 0.12 -0.92	13.42 0.09 -1.58	11.37 0.07 -0.63	10.48 0.06 -0.41	10.79 0.06 -0.40	14.76 0.09 -0.34	23.76 -0.12 0.00	28.96 -0.15 0.00	28.21 -0.11 0.00	26.84 -0.22 0.00	29.21 -0.27 0.00	30.65 -0.28 0.00	32.52 -0.23 0.00	37.31 -0.19 0.52	38.18 -0.15 0.41	41.09 0.81 0.00	45.64 1.07 0.00	54.71 1.28 0.00	59.33 0.70 0.00	57.21 0.90 0.00	57.22 0.90 0.00	47.84 0.57 0.01	40.20 0.24 0.01	35.22 0.31 0.00
SYRACUSE___ENERGY_ST2 323598	13.96 0.12 -0.92	13.42 0.09 -1.58	11.37 0.07 -0.63	10.48 0.06 -0.41	10.79 0.06 -0.40	14.76 0.09 -0.34	23.76 -0.12 0.00	28.96 -0.15 0.00	28.21 -0.11 0.00	26.84 -0.22 0.00	29.21 -0.27 0.00	30.65 -0.28 0.00	32.52 -0.23 0.00	37.31 -0.19 0.52	38.18 -0.15 0.41	41.09 0.81 0.00	45.64 1.07 0.00	54.71 1.28 0.00	59.33 0.70 0.00	57.21 0.90 0.00	57.22 0.90 0.00	47.84 0.57 0.01	40.20 0.24 0.01	35.22 0.31 0.00
SYRACUSE___POWER 24017	13.95 0.10 -0.92	13.45 0.09 -1.61	11.36 0.06 -0.63	10.46 0.05 -0.40	10.77 0.05 -0.40	14.75 0.09 -0.34	23.73 -0.14 0.00	28.93 -0.17 0.00	28.18 -0.14 0.00	26.84 -0.22 0.00	29.21 -0.27 0.00	30.65 -0.28 0.00	32.52 -0.23 0.00	36.42 -0.19 1.41	37.48 -0.15 1.11	40.57 0.28 0.00	45.01 0.45 0.00	53.91 0.48 0.00	59.22 0.59 0.00	57.10 0.79 0.00	57.11 0.79 0.00	47.69 0.43 0.01	40.08 0.12 0.01	35.12 0.21 0.00
TALLMAN__138KV_BK151 55660	23.40 1.11 -9.37	20.64 1.02 -7.87	17.68 0.90 -6.12	17.57 0.82 -6.75	17.77 0.85 -6.60	21.00 1.20 -5.47	25.71 1.84 0.00	31.14 2.04 0.00	30.22 1.90 0.00	28.98 1.92 0.00	31.57 2.09 0.00	33.12 2.20 0.00	35.01 2.26 0.00	38.24 2.51 2.29	39.53 2.60 1.81	42.58 2.30 0.00	47.15 2.58 0.00	56.42 2.99 0.00	62.38 3.75 0.00	59.92 3.60 0.00	59.08 2.76 0.00	48.88 1.61 0.01	41.72 1.76 0.01	36.72 1.82 0.00
TEALLAVE_115KV_TB7 355573	13.89 0.10 -0.87	13.43 0.09 -1.59	11.33 0.06 -0.60	10.42 0.05 -0.36	10.73 0.05 -0.35	14.72 0.09 -0.30	23.73 -0.14 0.00	28.90 -0.20 0.00	28.18 -0.14 0.00	26.82 -0.24 0.00	29.21 -0.27 0.00	30.65 -0.28 0.00	32.52 -0.23 0.00	36.21 -0.19 1.62	37.27 -0.19 1.28	40.45 0.16 0.00	44.84 0.27 0.00	53.64 0.21 0.00	59.04 0.41 0.00	56.93 0.62 0.00	56.88 0.56 0.00	47.55 0.28 0.01	39.96 0.00 0.01	35.01 0.10 0.00
TELGRAPH_34_KV_EAST 80808	14.01 -0.34 -1.42	13.40 -0.33 -1.98	11.25 -0.37 -0.96	10.48 -0.30 -0.78	10.75 -0.34 -0.76	14.51 -0.46 -0.64	22.51 -1.36 0.00	24.13 -1.28 3.69	24.47 -1.10 2.75	25.31 -1.35 0.40	25.59 -1.50 2.38	28.11 -1.52 1.30	27.51 -1.31 3.93	29.65 -1.25 7.11	31.27 -1.36 6.12	34.39 -0.97 4.93	41.40 -0.94 2.23	51.77 -1.66 0.00	57.87 -0.76 0.00	56.26 -0.06 0.00	56.94 0.62 0.00	47.45 0.19 0.01	39.56 -0.40 0.01	35.22 0.31 0.00
TEMPLE___115KV_TB 2 55572	13.92 0.12 -0.88	13.44 0.09 -1.60	11.35 0.07 -0.61	10.44 0.06 -0.37	10.75 0.06 -0.36	14.73 0.09 -0.31	23.73 -0.14 0.00	28.93 -0.17 0.00	28.21 -0.11 0.00	26.84 -0.22 0.00	29.21 -0.27 0.00	30.68 -0.25 0.00	32.52 -0.23 0.00	36.21 -0.15 1.66	37.28 -0.15 1.31	40.45 0.16 0.00	44.88 0.31 0.00	53.64 0.21 0.00	59.04 0.41 0.00	56.93 0.62 0.00	56.88 0.56 0.00	47.55 0.28 0.01	39.96 0.00 0.01	35.01 0.10 0.00
TIANA____69_KV_BK 1 55817	25.84 1.63 -11.29	21.35 1.48 -8.13	18.32 1.32 -6.34	18.19 1.19 -7.00	18.40 1.23 -6.85	22.73 1.96 -6.44	27.59 2.77 -0.94	32.26 3.14 -0.01	30.94 2.61 -0.01	29.69 2.62 -0.01	32.16 2.65 -0.03	33.67 2.72 -0.03	37.63 2.75 -2.13	39.66 2.85 1.20	41.30 2.91 0.35	44.60 2.50 -1.81	48.50 2.76 -1.17	61.70 2.94 -5.33	69.29 3.81 -6.85	67.10 4.34 -6.45	64.32 2.37 -5.63	51.80 1.51 -3.00	43.17 1.72 -1.48	38.43 2.34 -1.18

TILDEN___115KV_TB1 80814	13.95 0.10 -0.92	13.45 0.09 -1.61	11.36 0.06 -0.63	10.46 0.05 -0.40	10.77 0.05 -0.40	14.75 0.09 -0.34	23.73 -0.14 0.00	28.93 -0.17 0.00	28.18 -0.14 0.00	26.84 -0.22 0.00	29.21 -0.27 0.00	30.65 -0.28 0.00	32.52 -0.23 0.00	36.42 -0.19 1.41	37.48 -0.15 1.11	40.57 0.28 0.00	45.01 0.45 0.00	53.91 0.48 0.00	59.22 0.59 0.00	57.10 0.79 0.00	57.11 0.79 0.00	47.69 0.43 0.01	40.08 0.12 0.01	35.12 0.21 0.00
TRIGEN___CC 323695	26.75 1.33 -12.50	21.11 1.23 -8.13	18.08 1.07 -6.35	18.03 1.02 -7.00	18.22 1.04 -6.85	22.83 1.48 -7.02	27.75 2.22 -1.66	31.65 2.53 -0.02	30.75 2.41 -0.02	29.46 2.38 -0.02	32.20 2.56 -0.16	33.74 2.66 -0.16	50.09 2.85 -14.49	46.50 3.16 -5.33	49.97 3.18 -8.04	55.46 2.82 -12.35	55.53 2.99 -7.97	60.67 3.42 -3.82	64.36 4.22 -1.51	62.95 4.05 -2.58	62.75 3.49 -2.94	54.92 2.27 -5.37	50.25 2.40 -7.88	45.58 2.55 -8.13
TRINITY__115KV__4 BK 55933	24.27 0.41 -10.94	21.00 0.36 -8.89	16.73 0.35 -5.71	18.86 0.35 -8.50	19.01 0.36 -8.32	19.26 0.47 -4.45	20.54 0.62 3.95	27.63 0.55 2.02	28.75 0.42 0.00	27.44 0.38 0.00	29.89 0.41 0.00	31.36 0.43 0.00	33.08 0.33 0.00	35.90 0.38 2.49	37.12 0.35 1.98	40.57 0.28 0.00	44.79 0.22 0.00	53.70 0.27 0.00	59.33 0.70 0.00	56.19 0.90 1.03	56.77 0.45 0.00	42.79 0.09 4.58	40.12 0.16 0.01	35.19 0.28 0.00
UNION___PROCESSING_DRP 323587	14.03 -0.06 -1.18	13.47 -0.07 -1.80	11.36 -0.11 -0.80	10.53 -0.07 -0.60	10.81 -0.10 -0.59	14.69 -0.13 -0.49	23.14 -0.74 0.00	27.37 -0.87 0.86	26.96 -0.74 0.62	26.08 -0.89 0.09	27.91 -1.03 0.54	29.61 -1.02 0.30	31.01 -0.85 0.89	33.70 -0.72 3.59	34.97 -0.81 2.96	38.83 -0.32 1.14	43.88 -0.18 0.51	53.00 -0.43 0.00	58.87 0.23 0.00	56.93 0.62 0.00	57.44 1.13 0.00	47.88 0.61 0.01	39.96 0.00 0.01	35.36 0.45 0.00
UPPER HUDSON___HYD 24058	27.72 0.97 -13.82	24.24 0.85 -11.65	23.70 0.79 -12.25	19.47 0.73 -8.74	19.63 0.75 -8.55	28.04 1.12 -12.59	34.54 1.72 -8.95	35.52 1.83 -4.58	30.11 1.79 0.00	28.57 1.51 0.00	31.01 1.53 0.00	32.62 1.70 0.00	33.57 0.82 0.00	36.44 0.99 2.56	37.84 1.12 2.03	41.54 1.25 0.00	45.95 1.38 0.00	55.67 2.24 0.00	61.68 3.05 0.00	61.73 3.10 -2.32	59.02 2.70 0.00	55.44 2.41 -5.75	41.80 1.84 0.01	36.58 1.68 0.00
UPPER RAQUET___HYD 24056	11.84 -0.72 0.36	9.95 -0.66 1.14	9.80 -0.60 0.27	9.42 -0.58 0.00	9.73 -0.60 0.00	13.55 -0.77 0.01	22.87 -1.00 0.00	28.11 -0.99 0.00	27.36 -0.96 0.00	26.17 -0.89 0.00	28.65 -0.83 0.00	30.09 -0.79 0.00	31.96 -0.87 0.00	36.09 -0.87 1.05	36.98 -0.93 0.83	39.32 -0.97 0.00	43.59 -0.98 0.00	52.20 -1.23 0.00	56.93 -1.70 0.00	54.74 -1.58 0.00	55.13 -1.19 0.00	46.38 -0.90 0.00	39.17 -0.80 0.00	33.79 -1.12 0.00
VALLEY44_115KV_TB2 355964	14.04 -0.71 -1.83	13.36 -0.67 -2.29	11.23 -0.66 -1.22	10.49 -0.60 -1.09	10.77 -0.62 -1.06	14.39 -0.83 -0.89	22.56 -1.31 0.00	25.75 -1.34 2.02	25.74 -1.16 1.42	25.53 -1.33 0.21	26.80 -1.44 1.23	28.77 -1.48 0.67	29.14 -1.57 2.03	31.20 -1.90 4.91	32.63 -1.98 4.14	35.42 -2.30 2.57	40.82 -2.58 1.16	51.88 -1.55 0.00	57.81 -0.82 0.00	56.26 -0.06 0.00	56.66 0.34 0.00	47.27 0.00 0.01	39.44 -0.52 0.01	35.15 0.24 0.00
VALLEY___115KV_TB 1-4 80826	13.21 -0.03 -0.32	13.45 -0.02 -1.73	10.91 -0.02 -0.26	9.75 -0.03 0.22	10.08 -0.03 0.22	14.19 0.03 0.17	23.78 -0.10 0.00	28.87 -0.23 0.00	28.15 -0.17 0.00	26.87 -0.19 0.00	29.33 -0.15 0.00	30.80 -0.12 0.00	32.55 -0.20 0.00	34.82 -0.19 3.01	36.21 -0.15 2.38	40.05 -0.24 0.00	44.39 -0.18 0.00	53.22 -0.21 0.00	59.04 0.41 0.00	56.99 0.68 0.00	56.77 0.45 0.00	47.41 0.14 0.02	40.00 0.04 0.02	35.05 0.14 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	17.69 0.63 -4.13	16.34 0.58 -4.02	13.90 0.51 -2.72	13.27 0.46 -2.81	13.55 0.48 -2.75	17.34 0.73 -2.28	24.88 1.00 0.00	30.18 1.08 0.00	29.31 0.99 0.00	27.84 0.78 0.00	30.36 0.88 0.00	31.88 0.96 0.00	33.73 0.98 0.00	36.70 1.22 2.54	38.09 1.36 2.01	41.86 1.57 0.00	46.44 1.87 0.00	55.62 2.19 0.00	61.74 3.11 0.00	59.58 3.27 0.00	59.36 3.04 0.00	49.54 2.27 0.01	41.80 1.84 0.01	36.65 1.75 0.00
VISCHER___FERRY HYD 24020	29.99 0.85 -16.21	26.52 0.76 -14.01	29.93 0.69 -18.58	19.22 0.65 -8.56	19.38 0.67 -8.38	35.87 0.95 -20.60	47.45 1.41 -22.16	41.97 1.51 -11.35	29.60 1.28 0.00	28.14 1.08 0.00	30.48 1.00 0.00	31.98 1.05 0.00	33.73 0.98 0.00	36.63 1.14 2.53	37.94 1.20 2.01	41.41 1.13 0.00	45.86 1.29 0.00	55.46 2.03 0.00	61.45 2.81 0.00	64.94 2.87 -5.75	58.68 2.36 0.00	63.70 1.84 -14.58	41.48 1.52 0.01	36.37 1.47 0.00
V_A_10_SYNC_DSASP 323832	13.92 -0.34 -1.34	13.37 -0.29 -1.92	11.23 -0.34 -0.90	10.44 -0.28 -0.72	10.72 -0.31 -0.70	14.49 -0.43 -0.59	22.42 -1.46 0.00	24.56 -1.69 2.85	24.72 -1.50 2.10	25.05 -1.70 0.31	25.75 -1.89 1.84	28.03 -1.89 1.01	27.83 -1.90 3.03	29.92 -1.94 6.15	31.48 -2.01 5.25	34.68 -1.69 3.91	41.07 -1.74 1.76	50.81 -2.62 0.00	56.58 -2.05 0.00	54.96 -1.35 0.00	55.76 -0.56 0.00	46.56 -0.71 0.02	38.96 -1.00 0.02	34.66 -0.24 0.00
V_CMM_10_SYNC_DSASP 323787	11.96 -0.28 0.67	9.35 -0.26 2.14	9.93 -0.23 0.50	9.79 -0.22 0.00	10.10 -0.23 0.00	13.99 -0.33 0.02	23.59 -0.29 0.00	28.96 -0.14 0.00	28.21 -0.11 0.00	27.06 0.00 0.00	29.54 0.06 0.00	31.02 0.09 0.00	32.91 0.16 0.00	37.42 0.19 0.79	38.28 0.16 0.62	40.41 0.12 0.00	44.66 0.09 0.00	53.54 0.11 0.00	58.22 -0.41 0.00	55.81 -0.51 0.00	56.09 -0.22 0.00	47.23 -0.05 0.00	39.93 -0.04 0.00	34.66 -0.24 0.00
V_CMP_10_SYNC_DSASP 323788	11.96 -0.27 0.69	9.27 -0.27 2.20	9.87 -0.28 0.51	9.74 -0.27 0.00	10.06 -0.27 0.00	13.93 -0.39 0.02	23.49 -0.38 0.00	28.90 -0.20 0.00	28.27 -0.06 0.00	27.22 0.16 0.00	29.80 0.32 0.00	31.32 0.40 0.00	33.27 0.52 0.00	37.85 0.61 0.77	38.68 0.54 0.61	40.77 0.49 0.00	45.06 0.49 0.00	54.12 0.69 0.00	59.04 0.41 0.00	56.54 0.23 0.00	56.72 0.40 0.00	47.51 0.24 0.00	40.01 0.04 0.00	34.66 -0.24 0.00
V_D_10_SYNC_DSASP 323841	12.01 -0.27 0.64	9.46 -0.25 2.04	9.95 -0.23 0.48	9.79 -0.22 0.00	10.10 -0.23 0.00	14.00 -0.32 0.01	23.61 -0.26 0.00	29.02 -0.09 0.00	28.29 -0.03 0.00	27.11 0.05 0.00	29.63 0.15 0.00	31.11 0.19 0.00	33.01 0.26 0.00	37.54 0.34 0.81	38.41 0.31 0.64	40.57 0.28 0.00	44.84 0.27 0.00	53.70 0.27 0.00	58.40 -0.23 0.00	55.98 -0.34 0.00	56.32 0.00 0.00	47.42 0.14 0.00	40.13 0.16 0.00	34.77 -0.14 0.00
V_E_10_SYNC_DSASP 323830	16.70 0.68 -3.10	15.58 0.60 -3.24	13.24 0.53 -2.05	12.48 0.44 -2.03	12.79 0.48 -1.99	16.89 0.90 -1.65	25.07 1.19 0.00	31.59 1.34 -1.15	30.41 1.24 -0.84	27.91 0.73 -0.12	31.15 0.94 -0.73	32.44 1.11 -0.40	35.13 1.18 -1.20	38.67 1.67 1.01	39.99 1.90 0.66	44.45 2.50 -1.66	48.53 3.21 -0.75	57.97 4.54 0.00	64.73 6.10 0.00	62.73 6.42 0.00	62.79 6.47 0.00	52.14 4.87 0.01	43.44 3.48 0.01	37.94 3.04 0.00



V_F_30_NSYNC___DSASP 323816	27.99 0.90 -14.17	24.53 0.80 -11.99	24.55 0.73 -13.16	19.39 0.67 -8.71	19.54 0.69 -8.53	29.09 1.02 -13.75	36.25 1.53 -10.85	36.26 1.60 -5.56	29.74 1.42 0.00	28.25 1.19 0.00	30.63 1.15 0.00	32.19 1.27 0.00	33.77 1.02 0.00	36.68 1.22 2.56	38.04 1.32 2.03	41.70 1.41 0.00	46.26 1.69 0.00	56.00 2.56 0.00	62.09 3.46 0.00	62.62 3.49 -2.82	59.41 3.10 0.00	56.69 2.50 -6.91	41.96 2.00 0.01	36.75 1.85 0.00
V_F_30_SYNC_DSASP 323786	24.53 0.44 -11.17	21.24 0.39 -9.11	17.18 0.37 -6.14	18.94 0.37 -8.56	19.09 0.38 -8.38	19.80 0.50 -4.97	21.35 0.67 3.19	28.08 0.61 1.63	28.80 0.48 0.00	27.49 0.43 0.00	29.95 0.47 0.00	31.45 0.53 0.00	33.18 0.43 0.00	36.04 0.53 2.51	37.26 0.50 1.99	40.73 0.44 0.00	45.06 0.49 0.00	54.02 0.59 0.00	59.69 1.06 0.00	56.72 1.24 0.83	57.05 0.73 0.00	43.83 0.38 3.83	40.32 0.36 0.01	35.36 0.45 0.00
V_XM_10_SYNC_DSASP 323789	11.96 -0.27 0.69	9.27 -0.27 2.20	9.87 -0.28 0.51	9.74 -0.27 0.00	10.06 -0.27 0.00	13.93 -0.39 0.02	23.49 -0.38 0.00	28.90 -0.20 0.00	28.27 -0.06 0.00	27.22 0.16 0.00	29.80 0.32 0.00	31.32 0.40 0.00	33.27 0.52 0.00	37.85 0.61 0.77	38.68 0.54 0.61	40.77 0.49 0.00	45.06 0.49 0.00	54.12 0.69 0.00	59.04 0.41 0.00	56.54 0.23 0.00	56.72 0.40 0.00	47.51 0.24 0.00	40.01 0.04 0.00	34.66 -0.24 0.00
W.BABYLN_69_KV_BK1 56697	25.99 1.62 -11.45	21.35 1.48 -8.13	18.30 1.30 -6.34	18.20 1.20 -7.00	18.41 1.24 -6.85	22.66 1.82 -6.51	27.66 2.75 -1.04	32.26 3.14 -0.01	31.19 2.86 -0.01	29.91 2.84 -0.01	32.51 2.98 -0.05	34.06 3.09 -0.05	39.98 3.28 -3.96	41.31 3.54 0.24	43.20 3.56 -0.89	46.76 3.10 -3.37	50.13 3.39 -2.18	58.16 3.69 -1.05	63.62 4.57 -0.42	61.70 4.67 -0.71	60.66 3.55 -0.80	51.09 2.36 -1.45	44.62 2.52 -2.13	40.08 2.97 -2.21
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	23.49 1.14 -9.44	20.71 1.05 -7.92	17.74 0.92 -6.16	17.64 0.84 -6.80	17.84 0.87 -6.65	21.08 1.25 -5.51	25.79 1.91 0.00	31.20 2.10 0.00	30.28 1.95 0.00	29.03 1.98 0.00	31.63 2.15 0.00	33.18 2.26 0.00	35.08 2.33 0.00	38.34 2.62 2.29	39.60 2.67 1.82	42.66 2.38 0.00	47.29 2.72 0.00	56.58 3.15 0.00	62.50 3.87 0.00	60.09 3.77 0.00	59.25 2.93 0.00	49.02 1.75 0.01	41.80 1.84 0.01	36.83 1.92 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	23.93 1.32 -9.69	21.07 1.21 -8.11	18.00 1.01 -6.33	17.92 0.93 -6.98	18.11 0.95 -6.83	21.35 1.36 -5.66	25.98 2.10 0.00	31.49 2.39 0.00	30.56 2.24 0.00	29.39 2.33 0.00	32.02 2.54 -0.01	33.60 2.66 -0.01	35.48 2.72 -0.01	38.79 3.08 2.31	41.21 3.25 0.79	43.24 2.94 -0.01	47.91 3.34 0.00	57.17 3.74 0.00	63.09 4.46 0.00	60.54 4.22 0.00	59.64 3.32 0.00	49.25 1.99 0.01	42.16 2.20 0.01	37.14 2.23 0.00
W50THST__13_KV_LOAD 356117	23.94 1.33 -9.69	21.08 1.22 -8.11	18.04 1.05 -6.33	17.95 0.96 -6.98	18.15 0.99 -6.83	21.41 1.42 -5.66	26.10 2.22 0.00	31.64 2.53 0.00	30.70 2.38 0.00	29.55 2.49 0.00	32.20 2.71 -0.01	33.78 2.84 -0.01	35.68 2.91 -0.01	39.02 3.31 2.31	41.48 3.53 0.79	43.48 3.18 -0.01	48.18 3.61 0.00	57.54 4.11 0.00	63.50 4.87 0.00	60.87 4.56 0.00	59.98 3.66 0.00	49.44 2.17 0.01	42.32 2.36 0.01	37.31 2.41 0.00
WADING RIVER_IC_1 23522	25.71 1.50 -11.29	21.23 1.36 -8.12	18.19 1.18 -6.34	18.09 1.09 -7.00	18.31 1.14 -6.84	22.60 1.83 -6.43	27.32 2.51 -0.94	31.94 2.82 -0.01	30.54 2.21 -0.01	29.31 2.24 -0.01	31.66 2.15 -0.03	33.21 2.26 -0.03	37.19 2.33 -2.11	39.20 2.40 1.21	40.94 2.56 0.36	44.22 2.13 -1.80	47.87 2.14 -1.17	60.95 2.35 -5.17	68.78 3.52 -6.63	66.23 3.66 -6.26	63.25 1.46 -5.47	51.11 0.90 -2.93	42.59 1.16 -1.46	37.83 1.74 -1.18
WADING RIVER_IC_2 23547	25.71 1.50 -11.29	21.23 1.36 -8.12	18.19 1.18 -6.34	18.09 1.09 -7.00	18.31 1.14 -6.84	22.60 1.83 -6.43	27.32 2.51 -0.94	31.94 2.82 -0.01	30.54 2.21 -0.01	29.31 2.24 -0.01	31.66 2.15 -0.03	33.21 2.26 -0.03	37.19 2.33 -2.11	39.20 2.40 1.21	40.94 2.56 0.36	44.22 2.13 -1.80	47.87 2.14 -1.17	60.95 2.35 -5.17	68.78 3.52 -6.63	66.23 3.66 -6.26	63.25 1.46 -5.47	51.11 0.90 -2.93	42.59 1.16 -1.46	37.83 1.74 -1.18
WADING RIVER_IC_3 23601	25.71 1.50 -11.29	21.23 1.36 -8.12	18.19 1.18 -6.34	18.09 1.09 -7.00	18.31 1.14 -6.84	22.60 1.83 -6.43	27.32 2.51 -0.94	31.94 2.82 -0.01	30.54 2.21 -0.01	29.31 2.24 -0.01	31.66 2.15 -0.03	33.21 2.26 -0.03	37.19 2.33 -2.11	39.20 2.40 1.21	40.94 2.56 0.36	44.22 2.13 -1.80	47.87 2.14 -1.17	60.95 2.35 -5.17	68.78 3.52 -6.63	66.23 3.66 -6.26	63.25 1.46 -5.47	51.11 0.90 -2.93	42.59 1.16 -1.46	37.83 1.74 -1.18
WALDENNY_12_KV_BK2 80841	14.06 -0.48 -1.62	13.41 -0.46 -2.13	11.26 -0.49 -1.08	10.51 -0.42 -0.93	10.79 -0.44 -0.91	14.49 -0.60 -0.76	22.37 -1.50 0.00	22.41 -1.57 5.12	23.07 -1.39 3.86	24.96 -1.54 0.56	24.44 -1.68 3.36	27.42 -1.67 1.83	25.64 -1.57 5.54	27.39 -1.67 8.95	29.27 -1.70 7.78	31.64 -1.61 7.04	39.74 -1.65 3.18	51.67 -1.76 0.00	57.69 -0.94 0.00	56.14 -0.17 0.00	56.71 0.39 0.00	47.31 0.05 0.01	39.48 -0.48 0.01	35.15 0.24 0.00
WALDEN___HYDRO 24148	23.39 1.10 -9.37	20.63 1.01 -7.87	17.65 0.86 -6.12	17.56 0.81 -6.75	17.76 0.84 -6.60	20.97 1.18 -5.47	25.67 1.79 0.00	31.05 1.95 0.00	30.16 1.84 0.00	28.87 1.81 0.00	31.46 1.98 0.00	33.00 2.07 0.00	34.91 2.16 0.00	38.20 2.47 2.29	39.53 2.60 1.81	42.58 2.30 0.00	47.20 2.63 0.00	56.58 3.15 0.00	62.62 3.99 0.00	60.14 3.83 0.00	59.47 3.15 0.00	49.16 1.89 0.01	41.84 1.88 0.01	36.86 1.95 0.00
WARRENSBURG____ 23737	27.72 0.97 -13.82	24.24 0.85 -11.65	23.71 0.80 -12.25	19.47 0.73 -8.74	19.63 0.75 -8.55	28.04 1.12 -12.59	34.54 1.72 -8.95	35.52 1.83 -4.58	30.11 1.78 0.00	28.57 1.52 0.00	31.07 1.59 0.00	32.59 1.67 0.00	33.60 0.85 0.00	36.48 1.03 2.56	37.88 1.16 2.03	41.58 1.29 0.00	45.91 1.34 0.00	55.51 2.08 0.00	61.50 2.87 0.00	61.73 3.10 -2.32	59.08 2.76 0.00	55.35 2.32 -5.75	41.80 1.84 0.01	36.62 1.71 0.00
WATERSIDE___6 8 9 23538	23.94 1.32 -9.70	21.09 1.22 -8.12	18.05 1.06 -6.33	17.97 0.97 -6.99	18.17 1.00 -6.84	21.43 1.43 -5.67	26.02 2.15 0.00	31.52 2.42 0.00	30.59 2.27 0.00	29.47 2.41 0.00	32.12 2.62 -0.02	33.67 2.72 -0.02	35.62 2.85 -0.02	38.87 3.16 2.30	41.73 3.14 0.16	43.29 2.98 -0.02	47.82 3.25 0.00	57.01 3.58 0.00	62.91 4.28 0.00	60.31 4.00 0.00	59.42 3.10 0.00	48.97 1.70 0.01	42.16 2.20 0.01	37.31 2.41 0.00
WATKINRD_115KV_LN8_ILLION 55919	13.32 0.08 -0.32	13.55 0.07 -1.73	10.99 0.06 -0.26	9.83 0.05 0.22	10.16 0.05 0.22	14.28 0.11 0.17	23.90 0.02 0.00	29.02 -0.09 0.00	28.24 -0.08 0.00	26.95 -0.11 0.00	29.39 -0.09 0.00	30.83 -0.09 0.00	32.62 -0.13 0.00	34.86 -0.15 3.01	36.25 -0.12 2.38	40.13 -0.16 0.00	44.43 -0.13 0.00	53.32 -0.11 0.00	59.10 0.47 0.00	56.99 0.68 0.00	56.77 0.45 0.00	47.45 0.19 0.02	40.04 0.08 0.02	35.08 0.17 0.00

WDELAWARE___HYD 323627	22.42 1.01 -8.49	19.88 0.92 -7.21	16.99 0.78 -5.55	16.84 0.74 -6.09	17.06 0.77 -5.96	20.33 1.06 -4.94	25.50 1.62 0.00	30.79 1.69 0.00	29.94 1.61 0.00	28.60 1.54 0.00	31.10 1.62 0.00	32.69 1.76 0.00	34.81 2.06 0.00	38.23 2.44 2.22	39.58 2.60 1.76	42.91 2.62 0.00	47.64 3.07 0.00	57.55 4.11 0.00	63.79 5.16 0.00	61.16 4.84 0.00	60.49 4.17 0.00	50.01 2.74 0.01	42.36 2.40 0.01	37.35 2.44 0.00
WEST BABYLON___IC 23714	25.99 1.62 -11.45	21.35 1.48 -8.13	18.30 1.30 -6.34	18.20 1.20 -7.00	18.41 1.24 -6.85	22.66 1.82 -6.51	27.66 2.75 -1.04	32.26 3.14 -0.01	31.19 2.86 -0.01	29.91 2.84 -0.01	32.51 2.98 -0.05	34.06 3.09 -0.05	39.98 3.28 -3.96	41.31 3.54 0.24	43.20 3.56 -0.89	46.76 3.10 -3.37	50.13 3.39 -2.18	58.16 3.69 -1.05	63.62 4.57 -0.42	61.70 4.67 -0.71	60.66 3.55 -0.80	51.09 2.36 -1.45	44.62 2.52 -2.13	40.08 2.97 -2.21
WEST CANADA___HYD 24049	13.46 0.22 -0.32	13.68 0.20 -1.73	11.10 0.17 -0.26	9.94 0.16 0.22	10.27 0.16 0.22	14.41 0.24 0.17	24.09 0.21 0.00	29.22 0.12 0.00	28.41 0.09 0.00	27.09 0.03 0.00	29.51 0.03 0.00	30.95 0.03 0.00	32.75 0.00 0.00	35.01 0.00 3.01	36.40 0.04 2.38	40.29 0.00 0.00	44.61 0.04 0.00	53.54 0.11 0.00	59.28 0.65 0.00	57.04 0.73 0.00	56.77 0.45 0.00	47.50 0.24 0.01	40.12 0.16 0.01	35.18 0.28 0.00
WESTERN_NY_WIND 24143	14.24 -0.05 -1.37	13.62 -0.07 -1.94	11.45 -0.14 -0.92	10.68 -0.07 -0.74	10.93 -0.12 -0.73	14.80 -0.14 -0.61	23.14 -0.74 0.00	25.46 -0.55 3.10	25.63 -0.40 2.30	25.99 -0.73 0.33	26.66 -0.83 2.00	29.03 -0.80 1.09	28.97 -0.49 3.29	31.38 -0.27 6.37	32.91 -0.39 5.45	36.31 0.16 4.13	43.06 0.36 1.87	53.54 0.11 0.00	59.98 1.35 0.00	58.17 1.86 0.00	58.97 2.65 0.00	49.01 1.75 0.01	40.72 0.76 0.01	36.16 1.26 0.00
WESTOVER___LESR 323668	16.21 0.13 -3.16	15.14 0.11 -3.29	12.84 0.09 -2.09	12.15 0.07 -2.08	12.43 0.07 -2.03	16.15 0.13 -1.69	23.88 0.00 0.00	29.86 0.03 -0.73	28.29 -0.03 0.00	26.87 -0.19 0.00	29.30 -0.18 0.00	30.74 -0.19 0.00	32.59 -0.16 0.00	35.34 -0.11 2.56	36.64 -0.08 2.03	40.41 0.12 0.00	44.79 0.22 0.00	53.91 0.48 0.00	59.69 1.06 0.00	57.72 1.41 0.00	57.73 1.41 0.00	48.16 0.90 0.01	40.52 0.56 0.01	35.60 0.70 0.00
WETHRSFD_WT_PWR 323626	14.13 -0.66 -1.87	13.44 -0.62 -2.32	11.31 -0.61 -1.25	10.57 -0.55 -1.12	10.87 -0.55 -1.09	14.48 -0.76 -0.91	22.18 -1.69 0.00	5.91 -1.98 21.22	10.67 -1.84 15.81	22.76 -2.00 2.29	13.59 -2.09 13.80	21.28 -2.10 7.54	7.81 -2.23 22.71	7.02 -2.51 28.49	10.78 -2.60 25.37	8.83 -2.38 29.09	28.95 -2.49 13.12	51.35 -2.08 0.00	57.34 -1.29 0.00	56.14 -0.17 0.00	56.77 0.45 0.00	47.27 0.00 0.01	39.44 -0.52 0.01	34.77 -0.14 0.00
WHAVSTOR_138KV_BK127 55557	23.48 1.11 -9.45	20.69 1.01 -7.93	17.72 0.89 -6.17	17.62 0.81 -6.81	17.82 0.84 -6.66	21.05 1.20 -5.52	25.71 1.84 0.00	31.14 2.04 0.00	30.22 1.90 0.00	28.98 1.92 0.00	31.57 2.09 0.00	33.09 2.16 0.00	35.01 2.26 0.00	38.19 2.47 2.30	39.49 2.56 1.82	42.54 2.26 0.00	47.11 2.54 0.00	56.37 2.94 0.00	62.27 3.64 0.00	59.86 3.55 0.00	59.02 2.70 0.00	48.83 1.56 0.01	41.68 1.72 0.01	36.69 1.78 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	23.48 1.11 -9.45	20.69 1.01 -7.93	17.72 0.89 -6.17	17.62 0.81 -6.81	17.82 0.84 -6.66	21.05 1.20 -5.52	25.71 1.84 0.00	31.14 2.04 0.00	30.22 1.90 0.00	28.98 1.92 0.00	31.57 2.09 0.00	33.09 2.16 0.00	35.01 2.26 0.00	38.19 2.47 2.30	39.49 2.56 1.82	42.54 2.26 0.00	47.11 2.54 0.00	56.37 2.94 0.00	62.27 3.64 0.00	59.86 3.55 0.00	59.02 2.70 0.00	48.83 1.56 0.01	41.68 1.72 0.01	36.69 1.78 0.00
WHITEHAL_115KV_TB1 80871	28.13 1.24 -13.97	24.61 1.08 -11.79	24.28 0.99 -12.63	19.64 0.91 -8.73	19.81 0.94 -8.54	28.82 1.42 -13.07	35.86 2.24 -9.74	36.48 2.39 -4.99	30.70 2.38 0.00	29.03 1.98 0.00	31.57 2.09 0.00	33.12 2.20 0.00	34.22 1.47 0.00	37.35 1.90 2.56	38.81 2.09 2.03	42.58 2.30 0.00	47.38 2.81 0.00	57.60 4.17 0.00	64.03 5.39 0.00	64.53 5.69 -2.53	61.67 5.35 0.00	57.86 4.35 -6.23	43.32 3.36 0.01	37.80 2.90 0.00
WHITEPLN_13_KV_LOAD 356215	23.84 1.24 -9.67	20.99 1.14 -8.10	17.97 0.99 -6.32	17.90 0.92 -6.97	18.09 0.94 -6.82	21.34 1.36 -5.65	25.98 2.10 0.00	31.61 2.50 0.00	30.64 2.32 0.00	29.44 2.38 0.00	32.10 2.62 0.00	33.65 2.72 0.00	35.60 2.85 0.00	38.93 3.23 2.31	40.33 3.37 1.79	43.43 3.14 0.00	48.09 3.52 0.00	57.60 4.17 0.00	63.67 5.04 0.00	61.04 4.73 0.00	60.15 3.83 0.00	49.73 2.46 0.01	42.36 2.40 0.01	37.21 2.30 0.00
WM_FLOYD_69_KV_BK2 356380	25.78 1.56 -11.29	21.30 1.43 -8.13	18.27 1.27 -6.34	18.14 1.14 -7.00	18.36 1.19 -6.85	22.62 1.85 -6.44	27.45 2.63 -0.94	32.08 2.97 -0.01	30.82 2.49 -0.01	29.56 2.49 -0.01	32.01 2.51 -0.03	33.52 2.57 -0.03	37.53 2.59 -2.19	39.51 2.66 1.17	41.15 2.71 0.31	44.46 2.30 -1.87	48.27 2.50 -1.21	62.04 2.51 -6.10	69.93 3.40 -7.90	67.62 3.89 -7.42	64.93 2.14 -6.47	51.94 1.28 -3.38	43.14 1.60 -1.56	38.36 2.23 -1.22
WOODARD___115KV_TB2 355635	13.88 0.09 -0.87	13.38 0.07 -1.56	11.32 0.05 -0.60	10.41 0.04 -0.37	10.73 0.04 -0.36	14.71 0.07 -0.31	23.71 -0.17 0.00	28.90 -0.20 0.00	28.15 -0.17 0.00	26.79 -0.27 0.00	29.16 -0.32 0.00	30.61 -0.31 0.00	32.46 -0.29 0.00	36.61 -0.27 1.14	37.61 -0.23 0.91	40.49 0.20 0.00	44.92 0.36 0.00	53.75 0.32 0.00	58.98 0.35 0.00	56.88 0.56 0.00	56.83 0.51 0.00	47.51 0.24 0.01	39.96 0.00 0.01	35.01 0.10 0.00
WOODMERE_69_KV_BK1 55827	26.67 1.49 -12.26	21.25 1.37 -8.13	18.20 1.19 -6.34	18.15 1.14 -7.00	18.34 1.17 -6.85	22.87 1.63 -6.91	27.90 2.51 -1.52	32.00 2.88 -0.02	31.08 2.75 -0.01	29.81 2.73 -0.02	32.71 2.95 -0.28	34.24 3.03 -0.28	64.11 3.31 -28.06	54.29 3.76 -12.51	59.61 3.76 -17.10	67.66 3.46 -23.91	63.79 3.79 -15.43	65.20 4.38 -7.39	66.87 5.34 -2.91	66.42 5.12 -4.98	66.65 4.62 -5.71	60.89 3.17 -10.44	58.43 3.16 -15.30	53.82 3.14 -15.77
YORK___WARBASSE 23770	24.03 1.41 -9.70	21.16 1.29 -8.12	18.11 1.11 -6.33	18.02 1.02 -6.99	18.21 1.04 -6.84	21.50 1.50 -5.67	26.14 2.27 0.00	31.67 2.56 0.00	30.70 2.38 0.00	29.63 2.57 0.00	32.30 2.80 -0.02	33.88 2.94 -0.02	35.85 3.08 -0.02	39.06 3.35 2.30	41.73 3.14 0.16	43.45 3.14 -0.02	48.04 3.48 0.00	57.33 3.90 0.00	63.26 4.63 0.00	60.59 4.28 0.00	59.70 3.38 0.00	49.16 1.89 0.01	42.40 2.44 0.01	37.56 2.65 0.00