

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion											
Generator Data																											04/02/2025		
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00				
59TH STREET_GT_1	24138	39.69	37.62	37.09	37.27	37.52	42.29	58.97	67.65	55.20	46.11	40.12	38.74	39.13	38.85	39.14	40.35	43.53	49.37	57.86	67.20	59.98	48.89	42.14	40.32				
		1.75	1.72	1.73	1.77	1.79	2.01	3.80	5.13	4.09	3.22	2.94	2.84	2.97	2.81	2.87	3.37	3.74	4.29	5.07	5.89	4.77	3.98	3.40	2.98				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.05	-3.85	-0.92	-2.25				
74TH STREET_GT_1	24260	39.80	37.76	37.19	37.38	37.59	42.45	59.03	67.65	55.30	46.11	40.01	38.71	39.06	38.85	39.18	40.13	43.37	49.32	57.86	67.08	59.98	48.73	41.98	40.11				
		1.86	1.87	1.84	1.88	1.86	2.18	3.86	5.13	4.19	3.22	2.83	2.80	2.89	2.81	2.90	3.14	3.58	4.24	5.07	5.76	4.77	3.82	3.25	2.77				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.05	-3.85	-0.92	-2.25				
74TH STREET_GT_2	24261	39.80	37.76	37.19	37.38	37.59	42.45	59.03	67.65	55.30	46.11	40.01	38.71	39.06	38.85	39.18	40.13	43.37	49.32	57.86	67.08	59.98	48.73	41.98	40.11				
		1.86	1.87	1.84	1.88	1.86	2.18	3.86	5.13	4.19	3.22	2.83	2.80	2.89	2.81	2.90	3.14	3.58	4.24	5.07	5.76	4.77	3.82	3.25	2.77				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.05	-3.85	-0.92	-2.25				
ADK HUDSON___FALLS	24011	40.18	38.23	37.69	37.88	38.23	43.18	60.08	68.15	55.20	45.94	39.34	37.81	38.01	37.98	38.42	39.54	42.77	48.78	57.39	67.14	61.45	49.63	42.12	40.64				
		2.24	2.33	2.33	2.38	2.50	2.90	4.91	5.63	4.09	3.05	2.16	1.90	1.84	1.95	2.14	2.55	2.98	3.70	4.59	5.82	4.62	3.70	3.14	2.70				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.67	-4.87	-1.17	-2.86				
ADK RESOURCE___RCVRY	23798	40.41	38.41	37.90	38.06	38.45	43.46	60.58	68.71	55.50	46.24	39.57	37.99	38.19	38.13	38.60	39.76	42.97	49.05	57.65	67.63	61.77	49.89	42.31	40.79				
		2.46	2.51	2.55	2.56	2.71	3.18	5.41	6.19	4.40	3.35	2.38	2.08	2.02	2.09	2.32	2.78	3.18	3.97	4.85	6.32	4.92	3.94	3.33	2.84				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.69	-4.89	-1.18	-2.87				
ADK S GLENS___FALLS	24028	40.18	38.23	37.69	37.88	38.23	43.18	60.08	68.15	55.20	45.94	39.34	37.81	38.01	37.98	38.42	39.54	42.77	48.78	57.39	67.14	61.45	49.63	42.12	40.64				
		2.24	2.33	2.33	2.38	2.50	2.90	4.91	5.63	4.09	3.05	2.16	1.90	1.84	1.95	2.14	2.55	2.98	3.70	4.59	5.82	4.62	3.70	3.14	2.70				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.67	-4.87	-1.17	-2.86				
ADK_NYS___DAM	23527	39.19	37.15	36.73	36.88	37.23	42.05	57.98	66.34	53.97	44.95	38.93	37.56	37.79	37.66	38.16	39.21	42.41	48.29	56.91	66.34	60.64	49.13	41.81	40.15				
		1.25	1.26	1.38	1.38	1.50	1.77	2.81	3.81	2.86	2.06	1.75	1.65	1.63	1.62	1.89	2.22	2.63	3.20	4.12	5.03	4.08	3.37	2.87	2.31				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.40	-4.71	-1.13	-2.76				
AIR_PRODUCTS___DRP	24190	38.17	36.22	35.75	35.89	36.13	40.68	55.89	63.71	52.03	43.49	37.67	36.37	36.67	36.54	36.93	37.80	40.70	46.30	54.43	63.28	58.15	47.09	40.00	38.79				
		0.23	0.32	0.39	0.39	0.39	0.40	0.72	1.19	0.92	0.60	0.48	0.47	0.51	0.50	0.65	0.81	0.92	1.22	1.64	1.96	1.57	1.31	1.06	0.95				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.41	-4.71	-1.13	-2.76				
AKWESSNE_115KV_BK	355683	38.13	36.08	35.57	35.68	35.91	40.52	55.50	62.83	51.36	43.15	37.45	36.01	36.24	36.11	36.31	37.02	39.75	44.99	52.32	60.70	48.72	40.61	37.43	34.87				
		0.19	0.18	0.21	0.18	0.18	0.24	0.33	0.31	0.26	0.26	0.26	0.11	0.07	0.07	0.04	0.04	-0.04	-0.09	-0.48	-0.61	-0.44	-0.45	-0.38	-0.21				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
ALBANY_1_SOLAR	323833	38.97	36.97	36.49	36.63	36.91	41.57	57.10	64.90	52.64	43.88	37.89	36.48	36.78	36.69	37.15	38.14	41.18	46.93	55.22	64.38	58.74	47.61	40.54	39.23				
		1.02	1.08	1.13	1.14	1.18	1.29	1.93	2.38	1.53	0.99	0.70	0.57	0.61	0.65	0.87	1.15	1.39	1.85	2.43	3.06	2.31	1.93	1.62	1.44				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.27	-4.62	-1.11	-2.71				
ALBANY_2_SOLAR	323834	38.93	36.97	36.49	36.63	36.88	41.57	57.10	64.90	52.64	43.88	37.89	36.48	36.78	36.69	37.15	38.10	41.18	46.93	55.22	64.32	58.69	47.57	40.54	39.19				
		0.98	1.08	1.13	1.14	1.14	1.29	1.93	2.38	1.53	0.99	0.70	0.57	0.61	0.65	0.87	1.11	1.39	1.85	2.43	3.00	2.26	1.89	1.62	1.40				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.27	-4.62	-1.11	-2.71				
ALBANY___1	23571	38.17	36.22	35.75	35.89	36.13	40.68	55.89	63.71	52.03	43.49	37.67	36.37	36.67	36.54	36.93	37.80	40.70	46.30	54.43	63.28	58.15	47.09	40.00	38.79				
		0.23	0.32	0.39	0.39	0.39	0.40	0.72	1.19	0.92	0.60	0.48	0.47	0.51	0.50	0.65	0.81	0.92	1.22	1.64	1.96	1.57	1.31	1.06	0.95				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.41	-4.71	-1.13	-2.76				

ALBANY___2 23572	38.17 0.23 0.00	36.22 0.32 0.00	35.75 0.39 0.00	35.89 0.39 0.00	36.13 0.39 0.00	40.68 0.40 0.00	55.89 0.72 0.00	63.71 1.19 0.00	52.03 0.92 0.00	43.49 0.60 0.00	37.67 0.48 0.00	36.37 0.47 0.00	36.67 0.51 0.00	36.54 0.50 0.00	36.93 0.65 0.00	37.80 0.81 0.00	40.70 0.92 0.00	46.30 1.22 0.00	54.43 1.64 0.00	63.28 1.96 0.00	58.15 1.57 -7.41	47.09 1.31 -4.71	40.00 1.06 -1.13	38.79 0.95 -2.76
ALBANY___3 23573	38.17 0.23 0.00	36.22 0.32 0.00	35.75 0.39 0.00	35.89 0.39 0.00	36.13 0.39 0.00	40.68 0.40 0.00	55.89 0.72 0.00	63.71 1.19 0.00	52.03 0.92 0.00	43.49 0.60 0.00	37.67 0.48 0.00	36.37 0.47 0.00	36.67 0.51 0.00	36.54 0.50 0.00	36.93 0.65 0.00	37.80 0.81 0.00	40.70 0.92 0.00	46.30 1.22 0.00	54.43 1.64 0.00	63.28 1.96 0.00	58.15 1.57 -7.41	47.09 1.31 -4.71	40.00 1.06 -1.13	38.79 0.95 -2.76
ALBANY___4 23574	38.17 0.23 0.00	36.22 0.32 0.00	35.75 0.39 0.00	35.89 0.39 0.00	36.13 0.39 0.00	40.68 0.40 0.00	55.89 0.72 0.00	63.71 1.19 0.00	52.03 0.92 0.00	43.49 0.60 0.00	37.67 0.48 0.00	36.37 0.47 0.00	36.67 0.51 0.00	36.54 0.50 0.00	36.93 0.65 0.00	37.80 0.81 0.00	40.70 0.92 0.00	46.30 1.22 0.00	54.43 1.64 0.00	63.28 1.96 0.00	58.15 1.57 -7.41	47.09 1.31 -4.71	40.00 1.06 -1.13	38.79 0.95 -2.76
ALBANY___LFGE 323615	38.51 0.57 0.00	36.51 0.61 0.00	36.03 0.67 0.00	36.17 0.67 0.00	36.45 0.71 0.00	41.08 0.81 0.00	56.49 1.32 0.00	64.39 1.87 0.00	52.49 1.38 0.00	43.97 1.07 0.00	38.04 0.86 0.00	36.70 0.79 0.00	36.96 0.79 0.00	36.83 0.79 0.00	37.26 0.98 0.00	38.14 1.15 0.00	41.10 1.31 0.00	46.70 1.62 0.00	54.91 2.11 0.00	63.89 2.57 0.00	58.68 2.02 -7.50	47.52 1.68 -4.77	40.35 1.40 -1.15	39.07 1.19 -2.80
ALCOA_PA_115KV_PL-6C 55860	38.28 0.34 0.00	36.22 0.32 0.00	35.71 0.35 0.00	35.82 0.32 0.00	36.05 0.32 0.00	40.68 0.40 0.00	55.78 0.61 0.00	63.08 0.56 0.00	51.52 0.41 0.00	43.28 0.39 0.00	37.56 0.37 0.00	36.09 0.18 0.00	36.31 0.14 0.00	36.22 0.18 0.00	36.39 0.11 0.00	37.10 0.11 0.00	39.87 0.08 0.00	45.13 0.05 0.00	52.48 -0.32 0.00	60.89 -0.43 0.00	48.87 -0.29 0.00	40.69 -0.37 0.00	37.51 -0.30 0.00	34.94 -0.14 0.00
ALCOA_RYNLDS___DRP 24188	38.28 0.34 0.00	36.22 0.32 0.00	35.71 0.35 0.00	35.82 0.32 0.00	36.05 0.32 0.00	40.68 0.40 0.00	55.78 0.61 0.00	63.08 0.56 0.00	51.52 0.41 0.00	43.28 0.39 0.00	37.56 0.37 0.00	36.09 0.18 0.00	36.31 0.14 0.00	36.22 0.18 0.00	36.39 0.11 0.00	37.10 0.11 0.00	39.87 0.08 0.00	45.13 0.05 0.00	52.48 -0.32 0.00	60.89 -0.43 0.00	48.87 -0.29 0.00	40.69 -0.37 0.00	37.51 -0.30 0.00	34.94 -0.14 0.00
ALCOA___DSASP 323711	38.28 0.34 0.00	36.22 0.32 0.00	35.71 0.35 0.00	35.82 0.32 0.00	36.05 0.32 0.00	40.68 0.40 0.00	55.78 0.61 0.00	63.08 0.56 0.00	51.52 0.41 0.00	43.28 0.39 0.00	37.52 0.33 0.00	36.09 0.18 0.00	36.31 0.15 0.00	36.22 0.18 0.00	36.39 0.11 0.00	37.10 0.11 0.00	39.87 0.08 0.00	45.13 0.05 0.00	52.48 -0.31 0.00	60.76 -0.55 0.00	48.87 -0.29 0.00	40.69 -0.37 0.00	37.50 -0.30 0.00	34.94 -0.14 0.00
ALLEGHENY___COGEN 23514	39.04 1.10 0.00	36.76 0.86 0.00	35.92 0.56 0.00	36.03 0.53 0.00	36.23 0.50 0.00	40.80 0.52 0.00	55.45 0.28 0.00	61.58 -0.94 0.00	49.73 -1.38 0.00	41.78 -1.12 0.00	35.96 -1.23 0.00	34.69 -1.22 0.00	34.87 -1.37 -0.08	34.79 -1.33 -0.08	34.98 -1.38 -0.08	35.44 -1.55 0.00	38.04 -1.75 0.00	43.48 -1.76 -0.15	60.11 -1.42 -8.74	79.68 -0.92 -19.29	63.86 -0.79 -15.48	44.25 -0.61 -3.80	36.87 -0.98 -0.05	34.11 -1.05 -0.08
ALTAMONT_115KV_TB 2 55880	39.27 1.33 0.00	37.26 1.36 0.00	36.73 1.38 0.00	36.88 1.38 0.00	37.16 1.43 0.00	41.93 1.65 0.00	57.82 2.65 0.00	65.65 3.13 0.00	53.31 2.20 0.00	44.44 1.54 0.00	38.34 1.15 0.00	36.98 1.08 0.00	37.29 1.12 0.00	37.15 1.12 0.00	37.55 1.27 0.00	38.50 1.52 0.00	41.58 1.79 0.00	47.38 2.30 0.00	55.80 3.01 0.00	64.99 3.68 0.00	59.74 2.95 -7.63	48.33 2.42 -4.85	41.01 2.04 -1.17	39.64 1.72 -2.84
ALTONA_WT_PWR 323606	38.28 0.34 0.00	36.29 0.40 0.00	35.85 0.49 0.00	36.00 0.50 0.00	36.23 0.50 0.00	40.92 0.64 0.00	56.16 0.99 0.00	62.96 0.44 0.00	51.77 0.66 0.00	43.45 0.56 0.00	37.60 0.41 0.00	36.12 0.22 0.00	36.31 0.15 0.00	36.07 0.04 0.00	36.21 -0.07 0.00	36.91 -0.07 0.00	39.67 -0.12 0.00	44.86 -0.22 0.00	51.95 -0.85 0.00	59.29 -2.02 0.00	47.93 -1.23 0.00	39.74 -1.32 0.00	36.52 -1.29 0.00	34.21 -0.88 0.00
AMERICAN_REF_FUEL 24010	36.35 -1.59 0.00	34.21 -1.69 0.00	33.41 -1.94 0.00	33.48 -2.02 0.00	33.70 -2.04 0.00	37.46 -2.82 0.00	49.93 -5.24 0.00	54.77 -7.75 0.00	45.08 -6.03 0.00	38.82 -4.08 0.00	34.06 -3.12 0.00	33.29 -2.62 0.00	33.61 -2.53 0.02	33.78 -2.23 0.02	33.76 -2.50 0.02	33.92 -3.07 0.00	35.97 -3.82 0.00	40.03 -5.01 0.04	43.23 -5.70 3.86	46.82 -5.95 8.55	41.68 -4.77 2.72	36.94 -3.98 0.14	34.18 -3.70 -0.07	31.80 -3.44 -0.15
ARKWRIGHT___SUMMIT_WT_PWR 323751	37.79 -0.15 0.00	35.32 -0.58 0.00	34.40 -0.95 0.00	34.40 -1.10 0.00	34.66 -1.07 0.00	38.55 -1.73 0.00	51.97 -3.20 0.00	57.14 -5.38 0.00	46.36 -4.75 0.00	39.50 -3.39 0.00	34.40 -2.79 0.00	33.39 -2.51 0.00	33.34 -2.82 0.01	33.58 -2.45 0.01	33.73 -2.54 0.01	34.10 -2.89 0.00	36.13 -3.66 0.00	40.05 -5.01 0.02	44.33 -5.65 2.82	48.99 -6.07 6.25	43.28 -5.11 0.77	37.10 -4.31 -0.35	34.03 -3.86 -0.08	31.52 -3.72 -0.16
ARTHUR KILL_GT_1 23520	56.51 2.01 -16.56	55.82 1.97 -17.95	44.99 1.98 -7.65	42.22 2.02 -4.70	49.31 2.00 -11.58	55.79 2.17 -13.34	58.98 3.80 -0.01	67.41 4.88 -0.01	61.51 3.94 -6.47	58.82 3.09 -12.84	57.23 2.86 -17.18	57.23 2.77 -18.56	57.23 2.86 -18.21	57.27 2.70 -18.53	57.23 2.76 -18.20	58.55 3.22 -18.35	60.06 3.30 -16.97	65.37 4.06 -16.22	63.88 5.07 -6.02	67.09 5.76 -0.01	61.37 4.77 -7.44	61.34 3.29 -17.00	60.05 3.14 -19.11	57.27 2.70 -19.48
ARTHUR_KILL_2 23512	56.40 1.90 -16.56	55.71 1.87 -17.95	44.92 1.91 -7.65	42.15 1.95 -4.70	49.20 1.89 -11.58	55.71 2.09 -13.34	58.82 3.64 -0.01	67.22 4.69 -0.01	61.36 3.78 -6.47	58.69 2.96 -12.84	57.16 2.79 -17.18	57.16 2.69 -18.56	57.16 2.78 -18.21	57.16 2.60 -18.53	57.16 2.68 -18.20	58.44 3.11 -18.35	59.94 3.18 -16.97	65.23 3.92 -16.22	63.73 4.91 -6.02	66.90 5.58 -0.01	61.22 4.62 -7.44	61.22 3.16 -17.00	59.94 3.03 -19.11	57.16 2.60 -19.48
ARTHUR_KILL_3 23513	55.90 1.40 -16.56	55.24 1.40 -17.94	44.42 1.42 -7.65	41.68 1.49 -4.69	48.77 1.47 -11.57	55.26 1.65 -13.33	58.37 3.20 0.00	66.90 4.37 0.00	61.05 3.48 -6.46	58.47 2.75 -12.83	56.89 2.53 -17.18	56.93 2.48 -18.55	56.97 2.61 -18.20	57.01 2.45 -18.52	56.97 2.50 -18.19	58.21 2.89 -18.34	60.01 3.26 -16.96	65.09 3.79 -16.21	63.29 4.48 -6.01	66.47 5.15 0.00	60.82 4.23 -7.43	61.58 3.53 -16.99	59.89 2.99 -19.10	57.19 2.63 -19.47

ARTHUR_KILL_COGEN 323718	56.51 2.01 -16.56	55.82 1.97 -17.95	44.99 1.98 -7.65	42.22 2.02 -4.70	49.31 2.00 -11.58	55.79 2.17 -13.34	58.98 3.80 -0.01	67.41 4.88 -0.01	61.51 3.94 -6.47	58.82 3.09 -12.84	57.23 2.86 -17.18	57.23 2.77 -18.56	57.23 2.86 -18.21	57.27 2.70 -18.53	57.23 2.76 -18.20	58.55 3.22 -18.35	60.06 3.30 -16.97	65.37 4.06 -16.22	63.88 5.07 -6.02	67.09 5.76 -0.01	61.37 4.77 -7.44	61.34 3.29 -17.00	60.05 3.14 -19.11	57.27 2.70 -19.48
ASHOKAN____ 23654	39.53 1.59 0.00	37.55 1.65 0.00	37.02 1.66 0.00	37.24 1.74 0.00	37.45 1.72 0.00	42.29 2.01 0.00	58.59 3.42 0.00	66.58 4.06 0.00	53.81 2.71 0.00	44.78 1.89 0.00	38.49 1.30 0.00	37.09 1.18 0.00	37.47 1.30 0.00	37.30 1.26 0.00	37.77 1.49 0.00	38.80 1.81 0.00	42.02 2.23 0.00	47.88 2.80 0.00	56.60 3.80 0.00	66.04 4.72 0.00	57.10 1.18 -6.76	46.22 0.86 -4.30	39.22 0.38 -1.03	37.99 0.39 -2.52
ASTORIA_EAST_ENERGY_CC1 323581	39.38 1.44 0.00	37.29 1.40 0.00	36.91 1.55 0.00	37.10 1.60 0.00	37.20 1.47 0.00	41.92 1.65 0.01	58.36 3.20 0.01	66.89 4.37 0.01	54.73 3.63 0.01	45.76 2.87 0.01	39.86 2.68 0.01	38.52 2.62 0.01	38.90 2.75 0.01	38.66 2.63 0.01	38.99 2.72 0.01	39.97 2.99 0.01	43.00 3.22 0.01	49.00 3.92 0.01	57.38 4.59 0.01	66.52 5.21 0.01	59.53 4.33 -6.04	48.27 3.37 -3.84	41.64 2.91 -0.92	40.00 2.66 -2.25
ASTORIA_EAST_ENERGY_CC2 323582	39.38 1.44 0.00	37.29 1.40 0.00	36.91 1.55 0.00	37.10 1.60 0.00	37.20 1.47 0.00	41.92 1.65 0.01	58.36 3.20 0.01	66.89 4.37 0.01	54.73 3.63 0.01	45.76 2.87 0.01	39.86 2.68 0.01	38.52 2.62 0.01	38.90 2.75 0.01	38.66 2.63 0.01	38.99 2.72 0.01	39.97 2.99 0.01	43.00 3.22 0.01	49.00 3.92 0.01	57.38 4.59 0.01	66.52 5.21 0.01	59.53 4.33 -6.04	48.27 3.37 -3.84	41.64 2.91 -0.92	40.00 2.66 -2.25
ASTORIA_GT2_1 24094	39.42 1.48 0.00	37.37 1.47 0.00	37.05 1.70 0.00	37.13 1.63 0.00	37.34 1.61 0.00	42.01 1.73 0.00	58.42 3.25 0.00	66.90 4.38 0.00	54.83 3.73 0.01	45.72 2.83 0.01	39.74 2.57 0.01	38.48 2.59 0.01	38.83 2.68 0.01	38.66 2.63 0.01	38.99 2.72 0.01	39.86 2.89 0.01	43.04 3.26 0.01	49.04 3.97 0.01	57.44 4.65 0.00	66.47 5.15 0.00	59.54 4.33 -6.05	48.40 3.49 -3.85	41.72 2.99 -0.92	40.00 2.67 -2.25
ASTORIA_GT2_2 24095	39.42 1.48 0.00	37.37 1.47 0.00	37.05 1.70 0.00	37.13 1.63 0.00	37.34 1.61 0.00	42.01 1.73 0.00	58.42 3.25 0.00	66.90 4.38 0.00	54.83 3.73 0.01	45.72 2.83 0.01	39.74 2.57 0.01	38.48 2.59 0.01	38.83 2.68 0.01	38.66 2.63 0.01	38.99 2.72 0.01	39.86 2.89 0.01	43.04 3.26 0.01	49.04 3.97 0.01	57.44 4.65 0.00	66.47 5.15 0.00	59.54 4.33 -6.05	48.40 3.49 -3.85	41.72 2.99 -0.92	40.00 2.67 -2.25
ASTORIA_GT2_3 24096	39.42 1.48 0.00	37.37 1.47 0.00	37.05 1.70 0.00	37.13 1.63 0.00	37.34 1.61 0.00	42.01 1.73 0.00	58.42 3.25 0.00	66.90 4.38 0.00	54.83 3.73 0.01	45.72 2.83 0.01	39.74 2.57 0.01	38.48 2.59 0.01	38.83 2.68 0.01	38.66 2.63 0.01	38.99 2.72 0.01	39.86 2.89 0.01	43.04 3.26 0.01	49.04 3.97 0.01	57.44 4.65 0.00	66.47 5.15 0.00	59.54 4.33 -6.05	48.40 3.49 -3.85	41.72 2.99 -0.92	40.00 2.67 -2.25
ASTORIA_GT2_4 24097	39.42 1.48 0.00	37.37 1.47 0.00	37.05 1.70 0.00	37.13 1.63 0.00	37.34 1.61 0.00	42.01 1.73 0.00	58.42 3.25 0.00	66.90 4.38 0.00	54.83 3.73 0.01	45.72 2.83 0.01	39.74 2.57 0.01	38.48 2.59 0.01	38.83 2.68 0.01	38.66 2.63 0.01	38.99 2.72 0.01	39.86 2.89 0.01	43.04 3.26 0.01	49.04 3.97 0.01	57.44 4.65 0.00	66.47 5.15 0.00	59.54 4.33 -6.05	48.40 3.49 -3.85	41.72 2.99 -0.92	40.00 2.67 -2.25
ASTORIA_GT3_1 24098	39.42 1.48 0.00	37.37 1.47 0.00	37.05 1.70 0.00	37.13 1.63 0.00	37.34 1.61 0.00	42.01 1.73 0.00	58.42 3.25 0.00	66.90 4.38 0.00	54.83 3.73 0.01	45.72 2.83 0.01	39.74 2.57 0.01	38.48 2.59 0.01	38.83 2.68 0.01	38.66 2.63 0.01	38.99 2.72 0.01	39.86 2.89 0.01	43.04 3.26 0.01	49.04 3.97 0.01	57.44 4.65 0.00	66.47 5.15 0.00	59.54 4.33 -6.05	48.40 3.49 -3.85	41.72 2.99 -0.92	40.00 2.67 -2.25
ASTORIA_GT3_2 24099	39.42 1.48 0.00	37.37 1.47 0.00	37.05 1.70 0.00	37.13 1.63 0.00	37.34 1.61 0.00	42.01 1.73 0.00	58.42 3.25 0.00	66.90 4.38 0.00	54.83 3.73 0.01	45.72 2.83 0.01	39.74 2.57 0.01	38.48 2.59 0.01	38.83 2.68 0.01	38.66 2.63 0.01	38.99 2.72 0.01	39.86 2.89 0.01	43.04 3.26 0.01	49.04 3.97 0.01	57.44 4.65 0.00	66.47 5.15 0.00	59.54 4.33 -6.05	48.40 3.49 -3.85	41.72 2.99 -0.92	40.00 2.67 -2.25
ASTORIA_GT3_3 24100	39.42 1.48 0.00	37.37 1.47 0.00	37.05 1.70 0.00	37.13 1.63 0.00	37.34 1.61 0.00	42.01 1.73 0.00	58.42 3.25 0.00	66.90 4.38 0.00	54.83 3.73 0.01	45.72 2.83 0.01	39.74 2.57 0.01	38.48 2.59 0.01	38.83 2.68 0.01	38.66 2.63 0.01	38.99 2.72 0.01	39.86 2.89 0.01	43.04 3.26 0.01	49.04 3.97 0.01	57.44 4.65 0.00	66.47 5.15 0.00	59.54 4.33 -6.05	48.40 3.49 -3.85	41.72 2.99 -0.92	40.00 2.67 -2.25
ASTORIA_GT3_4 24101	39.42 1.48 0.00	37.37 1.47 0.00	37.05 1.70 0.00	37.13 1.63 0.00	37.34 1.61 0.00	42.01 1.73 0.00	58.42 3.25 0.00	66.90 4.38 0.00	54.83 3.73 0.01	45.72 2.83 0.01	39.74 2.57 0.01	38.48 2.59 0.01	38.83 2.68 0.01	38.66 2.63 0.01	38.99 2.72 0.01	39.86 2.89 0.01	43.04 3.26 0.01	49.04 3.97 0.01	57.44 4.65 0.00	66.47 5.15 0.00	59.54 4.33 -6.05	48.40 3.49 -3.85	41.72 2.99 -0.92	40.00 2.67 -2.25
ASTORIA_GT4_1 24102	39.42 1.48 0.00	37.37 1.47 0.00	37.05 1.70 0.00	37.13 1.63 0.00	37.34 1.61 0.00	42.01 1.73 0.00	58.42 3.25 0.00	66.90 4.38 0.00	54.83 3.73 0.01	45.72 2.83 0.01	39.74 2.57 0.01	38.48 2.59 0.01	38.83 2.68 0.01	38.66 2.63 0.01	38.99 2.72 0.01	39.86 2.89 0.01	43.04 3.26 0.01	49.04 3.97 0.01	57.44 4.65 0.00	66.47 5.15 0.00	59.54 4.33 -6.05	48.40 3.49 -3.85	41.72 2.99 -0.92	40.00 2.67 -2.25
ASTORIA_GT4_2 24103	39.42 1.48 0.00	37.37 1.47 0.00	37.05 1.70 0.00	37.13 1.63 0.00	37.34 1.61 0.00	42.01 1.73 0.00	58.42 3.25 0.00	66.90 4.38 0.00	54.83 3.73 0.01	45.72 2.83 0.01	39.74 2.57 0.01	38.48 2.59 0.01	38.83 2.68 0.01	38.66 2.63 0.01	38.99 2.72 0.01	39.86 2.89 0.01	43.04 3.26 0.01	49.04 3.97 0.01	57.44 4.65 0.00	66.47 5.15 0.00	59.54 4.33 -6.05	48.40 3.49 -3.85	41.72 2.99 -0.92	40.00 2.67 -2.25
ASTORIA_GT4_3 24104	39.42 1.48 0.00	37.37 1.47 0.00	37.05 1.70 0.00	37.13 1.63 0.00	37.34 1.61 0.00	42.01 1.73 0.00	58.42 3.25 0.00	66.90 4.38 0.00	54.83 3.73 0.01	45.72 2.83 0.01	39.74 2.57 0.01	38.48 2.59 0.01	38.83 2.68 0.01	38.66 2.63 0.01	38.99 2.72 0.01	39.86 2.89 0.01	43.04 3.26 0.01	49.04 3.97 0.01	57.44 4.65 0.00	66.47 5.15 0.00	59.54 4.33 -6.05	48.40 3.49 -3.85	41.72 2.99 -0.92	40.00 2.67 -2.25

ASTORIA_GT4_4 24105	39.42 1.48 0.00	37.37 1.47 0.00	37.05 1.70 0.00	37.13 1.63 0.00	37.34 1.61 0.00	42.01 1.73 0.00	58.42 3.25 0.00	66.90 4.38 0.00	54.83 3.73 0.01	45.72 2.83 0.01	39.74 2.57 0.01	38.48 2.59 0.01	38.83 2.68 0.01	38.66 2.63 0.01	38.99 2.72 0.01	39.86 2.89 0.01	43.04 3.26 0.01	49.04 3.97 0.01	57.44 4.65 0.00	66.47 5.15 0.00	59.54 4.33 -6.05	48.40 3.49 -3.85	41.72 2.99 -0.92	40.00 2.67 -2.25
ASTORIA_GT_1 23523	39.46 1.52 0.00	37.37 1.47 0.00	36.98 1.63 0.00	37.17 1.67 0.00	37.27 1.54 0.00	42.00 1.73 0.01	58.47 3.31 0.01	67.02 4.50 0.01	54.88 3.78 0.01	45.84 2.96 0.01	39.93 2.75 0.01	38.59 2.69 0.01	38.98 2.82 0.01	38.73 2.70 0.01	39.06 2.79 0.01	40.09 3.11 0.01	43.08 3.30 0.01	49.14 4.06 0.01	57.54 4.75 0.01	66.64 5.33 0.01	59.63 4.43 -6.04	48.35 3.45 -3.84	41.71 2.99 -0.92	40.07 2.74 -2.25
ASTORIA_GT_10 24110	39.69 1.75 0.00	37.66 1.76 0.00	37.16 1.80 0.00	37.31 1.81 0.00	37.55 1.82 0.00	42.33 2.05 0.00	58.81 3.64 0.00	67.34 4.81 0.00	55.40 4.04 -0.26	46.46 3.09 -0.48	40.57 2.75 -0.64	39.32 2.73 -0.69	39.62 2.78 -0.67	39.46 2.74 -0.68	40.31 2.83 -1.20	41.85 3.03 -1.83	46.00 3.46 -2.75	51.86 4.15 -2.63	57.76 4.96 0.00	66.77 5.46 0.00	59.83 4.62 -6.05	48.64 3.74 -3.85	41.95 3.21 -0.92	40.11 2.77 -2.25
ASTORIA_GT_11 24225	39.69 1.75 0.00	37.66 1.76 0.00	37.16 1.80 0.00	37.31 1.81 0.00	37.55 1.82 0.00	42.33 2.05 0.00	58.81 3.64 0.00	67.34 4.81 0.00	55.40 4.04 -0.26	46.46 3.09 -0.48	40.57 2.75 -0.64	39.32 2.73 -0.69	39.62 2.78 -0.67	39.46 2.74 -0.68	40.31 2.83 -1.20	41.85 3.03 -1.83	46.00 3.46 -2.75	51.86 4.15 -2.63	57.76 4.96 0.00	66.77 5.46 0.00	59.83 4.62 -6.05	48.64 3.74 -3.85	41.95 3.21 -0.92	40.11 2.77 -2.25
ASTORIA_GT_12 24226	39.69 1.75 0.00	37.66 1.76 0.00	37.16 1.80 0.00	37.31 1.81 0.00	37.55 1.82 0.00	42.33 2.05 0.00	58.81 3.64 0.00	67.34 4.81 0.00	55.40 4.04 -0.26	46.46 3.09 -0.48	40.57 2.75 -0.64	39.32 2.73 -0.69	39.62 2.78 -0.67	39.46 2.74 -0.68	40.31 2.83 -1.20	41.85 3.03 -1.83	46.00 3.46 -2.75	51.86 4.15 -2.63	57.76 4.96 0.00	66.77 5.46 0.00	59.83 4.62 -6.05	48.64 3.74 -3.85	41.95 3.21 -0.92	40.11 2.77 -2.25
ASTORIA_GT_13 24227	39.69 1.75 0.00	37.66 1.76 0.00	37.16 1.80 0.00	37.31 1.81 0.00	37.55 1.82 0.00	42.33 2.05 0.00	58.81 3.64 0.00	67.34 4.81 0.00	55.40 4.04 -0.26	46.46 3.09 -0.48	40.57 2.75 -0.64	39.32 2.73 -0.69	39.62 2.78 -0.67	39.46 2.74 -0.68	40.31 2.83 -1.20	41.85 3.03 -1.83	46.00 3.46 -2.75	51.86 4.15 -2.63	57.76 4.96 0.00	66.77 5.46 0.00	59.83 4.62 -6.05	48.64 3.74 -3.85	41.95 3.21 -0.92	40.11 2.77 -2.25
ASTORIA_GT_5 24106	39.50 1.56 0.00	37.44 1.54 0.00	37.09 1.73 0.00	37.20 1.70 0.00	37.41 1.68 0.00	42.09 1.81 0.00	58.48 3.31 0.00	67.02 4.50 0.00	54.93 3.83 0.01	45.80 2.92 0.01	39.82 2.64 0.01	38.56 2.66 0.01	38.91 2.75 0.01	38.73 2.70 0.01	39.06 2.79 0.01	39.94 2.96 0.01	43.12 3.34 0.01	49.13 4.06 0.01	57.54 4.75 0.00	66.59 5.27 0.00	59.64 4.42 -6.05	48.48 3.57 -3.85	41.76 3.02 -0.92	40.04 2.70 -2.25
ASTORIA_GT_7 24107	39.50 1.56 0.00	37.44 1.54 0.00	37.09 1.73 0.00	37.20 1.70 0.00	37.41 1.68 0.00	42.09 1.81 0.00	58.48 3.31 0.00	67.02 4.50 0.00	54.93 3.83 0.01	45.80 2.92 0.01	39.82 2.64 0.01	38.56 2.66 0.01	38.91 2.75 0.01	38.73 2.70 0.01	39.06 2.79 0.01	39.94 2.96 0.01	43.12 3.34 0.01	49.13 4.06 0.01	57.54 4.75 0.00	66.59 5.27 0.00	59.64 4.42 -6.05	48.48 3.57 -3.85	41.76 3.02 -0.92	40.04 2.70 -2.25
ASTORIA_GT_8 24108	39.50 1.56 0.00	37.44 1.54 0.00	37.09 1.73 0.00	37.20 1.70 0.00	37.41 1.68 0.00	42.09 1.81 0.00	58.48 3.31 0.00	67.02 4.50 0.00	54.93 3.83 0.01	45.80 2.92 0.01	39.82 2.64 0.01	38.56 2.66 0.01	38.91 2.75 0.01	38.73 2.70 0.01	39.06 2.79 0.01	39.94 2.96 0.01	43.12 3.34 0.01	49.13 4.06 0.01	57.54 4.75 0.00	66.59 5.27 0.00	59.64 4.42 -6.05	48.48 3.57 -3.85	41.76 3.02 -0.92	40.04 2.70 -2.25
ASTORIA___2 24149	39.42 1.48 0.00	37.33 1.44 0.00	36.95 1.59 0.00	37.13 1.63 0.00	37.23 1.50 0.00	41.92 1.65 0.01	58.36 3.20 0.01	66.89 4.37 0.01	54.78 3.68 0.01	45.76 2.87 0.01	39.86 2.68 0.01	38.56 2.66 0.01	38.90 2.75 0.01	38.66 2.63 0.01	38.99 2.72 0.01	40.01 3.03 0.01	43.04 3.26 0.01	49.04 3.97 0.01	57.43 4.65 0.01	66.52 5.21 0.01	59.53 4.33 -6.04	48.27 3.37 -3.84	41.64 2.91 -0.92	40.00 2.66 -2.25
ASTORIA___3 23516	39.69 1.75 0.00	37.58 1.69 0.00	37.12 1.77 0.00	37.31 1.81 0.00	37.48 1.75 0.00	42.25 1.97 0.00	58.75 3.58 0.00	67.34 4.81 0.00	55.30 3.94 -0.26	46.50 3.13 -0.48	40.65 2.82 -0.64	39.36 2.77 -0.69	39.69 2.86 -0.67	39.46 2.74 -0.68	40.31 2.83 -1.20	42.00 3.18 -1.83	46.00 3.46 -2.75	51.86 4.15 -2.63	57.70 4.91 0.00	66.84 5.52 0.00	59.78 4.57 -6.05	48.52 3.61 -3.85	41.87 3.14 -0.92	40.18 2.84 -2.25
ASTORIA___4 23517	39.69 1.75 0.00	37.66 1.76 0.00	37.16 1.80 0.00	37.31 1.81 0.00	37.55 1.82 0.00	42.33 2.05 0.00	58.81 3.64 0.00	67.34 4.81 0.00	55.40 4.04 -0.26	46.46 3.09 -0.48	40.57 2.75 -0.64	39.32 2.73 -0.69	39.62 2.78 -0.67	39.46 2.74 -0.68	40.31 2.83 -1.20	41.85 3.03 -1.83	46.00 3.46 -2.75	51.86 4.15 -2.63	57.76 4.96 0.00	66.77 5.46 0.00	59.83 4.62 -6.05	48.64 3.74 -3.85	41.95 3.21 -0.92	40.11 2.77 -2.25
ASTORIA___5 23518	39.69 1.75 0.00	37.58 1.69 0.00	37.12 1.77 0.00	37.31 1.81 0.00	37.48 1.75 0.00	42.25 1.97 0.00	58.75 3.58 0.00	67.34 4.81 0.00	55.30 3.94 -0.26	46.50 3.13 -0.48	40.65 2.82 -0.64	39.36 2.77 -0.69	39.69 2.86 -0.67	39.46 2.74 -0.68	40.31 2.83 -1.20	42.00 3.18 -1.83	46.00 3.46 -2.75	51.86 4.15 -2.63	57.70 4.91 0.00	66.84 5.52 0.00	59.78 4.57 -6.05	48.52 3.61 -3.85	41.87 3.14 -0.92	40.18 2.84 -2.25
AST_ENERGY_2_CC3 323677	39.46 1.52 0.00	37.44 1.54 0.00	36.91 1.55 0.00	37.13 1.63 0.00	37.34 1.61 0.00	42.05 1.77 0.00	58.53 3.37 0.00	67.08 4.56 0.00	54.79 3.68 0.00	45.77 2.87 0.00	39.83 2.64 0.00	38.49 2.59 0.00	38.84 2.68 0.00	38.60 2.56 0.00	38.89 2.61 0.00	39.98 2.99 0.00	43.09 3.30 0.00	49.00 3.92 0.00	57.44 4.65 0.00	66.65 5.33 0.00	59.59 4.37 -6.05	48.48 3.57 -3.85	41.79 3.06 -0.92	40.07 2.74 -2.25
AST_ENERGY_2_CC4 323678	39.46 1.52 0.00	37.44 1.54 0.00	36.91 1.55 0.00	37.13 1.63 0.00	37.34 1.61 0.00	42.05 1.77 0.00	58.53 3.37 0.00	67.08 4.56 0.00	54.79 3.68 0.00	45.77 2.87 0.00	39.83 2.64 0.00	38.49 2.59 0.00	38.84 2.68 0.00	38.60 2.56 0.00	38.89 2.61 0.00	39.98 2.99 0.00	43.09 3.30 0.00	49.00 3.92 0.00	57.44 4.65 0.00	66.65 5.33 0.00	59.59 4.37 -6.05	48.48 3.57 -3.85	41.79 3.06 -0.92	40.07 2.74 -2.25

ATHENS_STG_1 23668	38.77 0.83 0.00	36.76 0.86 0.00	36.24 0.88 0.00	36.42 0.92 0.00	36.66 0.93 0.00	41.32 1.05 0.00	57.05 1.88 0.00	65.09 2.56 0.00	53.10 1.99 0.00	44.35 1.46 0.00	38.49 1.30 0.00	37.16 1.26 0.00	37.47 1.30 0.00	37.26 1.23 0.00	37.62 1.34 0.00	38.58 1.59 0.00	41.62 1.83 0.00	47.29 2.21 0.00	55.54 2.74 0.00	64.50 3.19 0.00	58.36 2.60 -6.60	47.43 2.17 -4.19	40.63 1.81 -1.01	39.08 1.54 -2.46
ATHENS_STG_2 23670	38.77 0.83 0.00	36.76 0.86 0.00	36.24 0.88 0.00	36.42 0.92 0.00	36.66 0.93 0.00	41.32 1.05 0.00	57.05 1.88 0.00	65.09 2.56 0.00	53.10 1.99 0.00	44.35 1.46 0.00	38.49 1.30 0.00	37.16 1.26 0.00	37.47 1.30 0.00	37.26 1.23 0.00	37.62 1.34 0.00	38.58 1.59 0.00	41.62 1.83 0.00	47.29 2.21 0.00	55.54 2.74 0.00	64.50 3.19 0.00	58.36 2.60 -6.60	47.43 2.17 -4.19	40.63 1.81 -1.01	39.08 1.54 -2.46
ATHENS_STG_3 23677	38.77 0.83 0.00	36.76 0.86 0.00	36.24 0.88 0.00	36.42 0.92 0.00	36.66 0.93 0.00	41.32 1.05 0.00	57.05 1.88 0.00	65.09 2.56 0.00	53.10 1.99 0.00	44.35 1.46 0.00	38.49 1.30 0.00	37.16 1.26 0.00	37.47 1.30 0.00	37.26 1.23 0.00	37.62 1.34 0.00	38.58 1.59 0.00	41.62 1.83 0.00	47.29 2.21 0.00	55.54 2.74 0.00	64.50 3.19 0.00	58.36 2.60 -6.60	47.43 2.17 -4.19	40.63 1.81 -1.01	39.08 1.54 -2.46
AUBURN___LFGE 323710	38.17 0.23 0.00	36.08 0.18 0.00	35.46 0.11 0.00	35.57 0.07 0.00	35.84 0.11 0.00	40.36 0.08 0.00	55.28 0.11 0.00	62.40 -0.13 0.00	50.95 -0.15 0.00	42.85 -0.04 0.00	37.19 0.00 0.00	35.94 0.04 0.00	36.20 0.04 0.00	36.11 0.07 0.00	36.28 0.00 0.00	36.91 -0.07 0.00	39.71 -0.08 0.00	44.91 -0.18 0.00	53.43 0.05 -0.58	62.67 0.06 -1.29	50.01 0.00 -0.85	41.53 0.00 -0.47	37.95 0.00 -0.14	35.39 -0.04 -0.35
BABYLON_RES_REC 323704	40.10 2.16 0.00	38.05 2.15 0.00	37.41 2.05 0.00	37.66 2.17 0.00	38.02 2.29 0.00	42.91 2.62 -0.01	59.32 4.14 -0.01	67.84 5.31 -0.01	55.36 4.24 -0.01	46.28 3.39 0.00	40.01 2.82 0.00	38.42 2.51 0.00	38.95 2.78 0.00	38.52 2.48 0.00	39.11 2.83 0.00	40.17 3.18 0.00	43.58 3.78 -0.01	51.53 4.37 -2.07	58.03 5.23 -0.01	78.53 6.01 -11.20	67.51 4.96 -13.39	55.97 4.11 -10.80	46.80 3.63 -5.36	40.57 3.23 -2.26
BABYLON__69_KV_BK2 356345	40.48 2.54 0.00	38.48 2.58 0.00	37.72 2.37 0.00	38.02 2.52 0.00	38.38 2.64 0.00	43.39 3.10 -0.01	59.92 4.74 -0.01	68.47 5.94 -0.01	55.87 4.75 -0.01	46.58 3.69 0.00	40.24 3.05 0.00	38.67 2.76 0.00	39.20 3.04 0.00	38.81 2.77 0.00	39.40 3.12 0.00	40.54 3.55 0.00	43.90 4.10 -0.01	52.03 4.91 -2.03	58.61 5.81 -0.01	78.98 6.68 -10.98	68.01 5.60 -13.24	56.37 4.64 -10.67	47.09 4.01 -5.27	40.85 3.51 -2.26
BALL_HILL_WT_PWR 323825	37.64 -0.30 0.00	35.25 -0.65 0.00	34.40 -0.95 0.00	34.43 -1.06 0.00	34.70 -1.04 0.00	38.63 -1.65 0.00	52.13 -3.03 0.00	57.46 -5.06 0.00	46.76 -4.34 0.00	39.97 -2.92 0.00	34.88 -2.31 0.00	33.93 -1.97 0.00	33.98 -2.17 0.01	34.19 -1.84 0.01	34.31 -1.96 0.01	34.69 -2.29 0.00	36.80 -2.98 0.00	40.91 -4.15 0.03	44.89 -4.70 3.21	49.30 -4.91 7.11	43.59 -4.13 1.44	37.72 -3.53 -0.19	34.75 -3.14 -0.08	32.19 -3.05 -0.16
BARON_WINDS___WT_PWR 323822	37.90 -0.04 0.00	35.68 -0.21 0.00	34.90 -0.46 0.00	34.93 -0.57 0.00	35.12 -0.61 0.00	39.31 -0.97 0.00	53.51 -1.65 0.00	59.40 -3.12 0.00	48.30 -2.81 0.00	40.58 -2.32 0.00	35.03 -2.16 0.00	33.79 -2.12 0.00	33.58 -2.39 0.19	33.47 -2.38 0.19	33.73 -2.36 0.19	34.51 -2.48 0.00	36.97 -2.82 0.00	41.31 -3.38 0.40	20.57 -3.70 28.52	-6.00 -4.23 63.09	11.87 -3.54 33.75	31.65 -2.96 6.45	35.15 -2.72 -0.06	32.60 -2.60 -0.11
BARRETT_IC_1 23704	39.80 1.86 0.00	37.76 1.87 0.00	37.12 1.77 0.00	37.38 1.88 0.00	37.70 1.96 0.00	42.46 2.17 -0.01	58.87 3.70 -0.01	67.28 4.75 -0.01	54.90 3.78 -0.01	45.94 3.05 0.00	39.72 2.53 0.00	38.21 2.30 0.00	38.70 2.53 0.00	38.31 2.27 0.00	38.82 2.54 0.00	39.91 2.92 0.00	43.18 3.38 -0.01	50.79 3.79 -1.92	57.18 4.38 -0.01	76.58 4.91 -10.36	66.07 4.08 -12.84	54.83 3.49 -10.28	45.97 3.14 -5.03	40.19 2.84 -2.26
BARRETT_IC_10 23701	39.80 1.86 0.00	37.76 1.87 0.00	37.12 1.77 0.00	37.38 1.88 0.00	37.70 1.96 0.00	42.46 2.17 -0.01	58.87 3.70 -0.01	67.28 4.75 -0.01	54.90 3.78 -0.01	45.94 3.05 0.00	39.72 2.53 0.00	38.21 2.30 0.00	38.70 2.53 0.00	38.31 2.27 0.00	38.82 2.54 0.00	39.91 2.92 0.00	43.18 3.38 -0.01	50.79 3.79 -1.92	57.18 4.38 -0.01	76.58 4.91 -10.36	66.07 4.08 -12.84	54.83 3.49 -10.28	45.97 3.14 -5.03	40.19 2.84 -2.26
BARRETT_IC_11 23702	39.80 1.86 0.00	37.76 1.87 0.00	37.12 1.77 0.00	37.38 1.88 0.00	37.70 1.96 0.00	42.46 2.17 -0.01	58.87 3.70 -0.01	67.28 4.75 -0.01	54.90 3.78 -0.01	45.94 3.05 0.00	39.72 2.53 0.00	38.21 2.30 0.00	38.70 2.53 0.00	38.31 2.27 0.00	38.82 2.54 0.00	39.91 2.92 0.00	43.18 3.38 -0.01	50.79 3.79 -1.92	57.18 4.38 -0.01	76.58 4.91 -10.36	66.07 4.08 -12.84	54.83 3.49 -10.28	45.97 3.14 -5.03	40.19 2.84 -2.26
BARRETT_IC_12 23703	39.80 1.86 0.00	37.76 1.87 0.00	37.12 1.77 0.00	37.38 1.88 0.00	37.70 1.96 0.00	42.46 2.17 -0.01	58.87 3.70 -0.01	67.28 4.75 -0.01	54.90 3.78 -0.01	45.94 3.05 0.00	39.72 2.53 0.00	38.21 2.30 0.00	38.70 2.53 0.00	38.31 2.27 0.00	38.82 2.54 0.00	39.91 2.92 0.00	43.18 3.38 -0.01	50.79 3.79 -1.92	57.18 4.38 -0.01	76.58 4.91 -10.36	66.07 4.08 -12.84	54.83 3.49 -10.28	45.97 3.14 -5.03	40.19 2.84 -2.26
BARRETT_IC_2 23705	39.80 1.86 0.00	37.76 1.87 0.00	37.12 1.77 0.00	37.38 1.88 0.00	37.70 1.96 0.00	42.46 2.17 -0.01	58.87 3.70 -0.01	67.28 4.75 -0.01	54.90 3.78 -0.01	45.94 3.05 0.00	39.72 2.53 0.00	38.21 2.30 0.00	38.70 2.53 0.00	38.31 2.27 0.00	38.82 2.54 0.00	39.91 2.92 0.00	43.18 3.38 -0.01	50.79 3.79 -1.92	57.18 4.38 -0.01	76.58 4.91 -10.36	66.07 4.08 -12.84	54.83 3.49 -10.28	45.97 3.14 -5.03	40.19 2.84 -2.26
BARRETT_IC_3 23706	39.80 1.86 0.00	37.76 1.87 0.00	37.12 1.77 0.00	37.38 1.88 0.00	37.70 1.96 0.00	42.46 2.17 -0.01	58.87 3.70 -0.01	67.28 4.75 -0.01	54.90 3.78 -0.01	45.94 3.05 0.00	39.72 2.53 0.00	38.21 2.30 0.00	38.70 2.53 0.00	38.31 2.27 0.00	38.82 2.54 0.00	39.91 2.92 0.00	43.18 3.38 -0.01	50.79 3.79 -1.92	57.18 4.38 -0.01	76.58 4.91 -10.36	66.07 4.08 -12.84	54.83 3.49 -10.28	45.97 3.14 -5.03	40.19 2.84 -2.26
BARRETT_IC_4 23707	39.80 1.86 0.00	37.76 1.87 0.00	37.12 1.77 0.00	37.38 1.88 0.00	37.70 1.96 0.00	42.46 2.17 -0.01	58.87 3.70 -0.01	67.28 4.75 -0.01	54.90 3.78 -0.01	45.94 3.05 0.00	39.72 2.53 0.00	38.21 2.30 0.00	38.70 2.53 0.00	38.31 2.27 0.00	38.82 2.54 0.00	39.91 2.92 0.00	43.18 3.38 -0.01	50.79 3.79 -1.92	57.18 4.38 -0.01	76.58 4.91 -10.36	66.07 4.08 -12.84	54.83 3.49 -10.28	45.97 3.14 -5.03	40.19 2.84 -2.26

BARRETT_IC_5 23708	39.80 1.86 0.00	37.76 1.87 0.00	37.12 1.77 0.00	37.38 1.88 0.00	37.70 1.96 0.00	42.46 2.17 -0.01	58.87 3.70 -0.01	67.28 4.75 -0.01	54.90 3.78 -0.01	45.94 3.05 0.00	39.72 2.53 0.00	38.21 2.30 0.00	38.70 2.53 0.00	38.31 2.27 0.00	38.82 2.54 0.00	39.91 2.92 0.00	43.18 3.38 -0.01	50.79 3.79 -1.92	57.18 4.38 -0.01	76.58 4.91 -10.36	66.07 4.08 -12.84	54.83 3.49 -10.28	45.97 3.14 -5.03	40.19 2.84 -2.26
BARRETT_IC_6 23709	39.80 1.86 0.00	37.76 1.87 0.00	37.12 1.77 0.00	37.38 1.88 0.00	37.70 1.96 0.00	42.46 2.17 -0.01	58.87 3.70 -0.01	67.28 4.75 -0.01	54.90 3.78 -0.01	45.94 3.05 0.00	39.72 2.53 0.00	38.21 2.30 0.00	38.70 2.53 0.00	38.31 2.27 0.00	38.82 2.54 0.00	39.91 2.92 0.00	43.18 3.38 -0.01	50.79 3.79 -1.92	57.18 4.38 -0.01	76.58 4.91 -10.36	66.07 4.08 -12.84	54.83 3.49 -10.28	45.97 3.14 -5.03	40.19 2.84 -2.26
BARRETT_IC_7 23710	39.80 1.86 0.00	37.83 1.94 0.00	37.16 1.80 0.00	37.42 1.92 0.00	37.73 2.00 0.00	42.54 2.26 -0.01	58.87 3.70 -0.01	67.28 4.75 -0.01	54.95 3.83 -0.01	45.85 2.96 0.00	39.64 2.45 0.00	38.17 2.26 0.00	38.62 2.46 0.00	38.31 2.27 0.00	38.85 2.58 0.00	39.87 2.89 0.00	43.14 3.34 -0.01	50.79 3.79 -1.92	57.18 4.38 -0.01	76.58 4.91 -10.36	66.08 4.08 -12.84	54.79 3.45 -10.28	45.93 3.10 -5.03	40.08 2.74 -2.26
BARRETT_IC_8 23711	39.80 1.86 0.00	37.76 1.87 0.00	37.12 1.77 0.00	37.38 1.88 0.00	37.70 1.96 0.00	42.46 2.17 -0.01	58.87 3.70 -0.01	67.28 4.75 -0.01	54.90 3.78 -0.01	45.94 3.05 0.00	39.72 2.53 0.00	38.21 2.30 0.00	38.70 2.53 0.00	38.31 2.27 0.00	38.82 2.54 0.00	39.91 2.92 0.00	43.18 3.38 -0.01	50.79 3.79 -1.92	57.18 4.38 -0.01	76.58 4.91 -10.36	66.07 4.08 -12.84	54.83 3.49 -10.28	45.97 3.14 -5.03	40.19 2.84 -2.26
BARRETT_IC_9 23700	39.80 1.86 0.00	37.76 1.87 0.00	37.12 1.77 0.00	37.38 1.88 0.00	37.70 1.96 0.00	42.46 2.17 -0.01	58.87 3.70 -0.01	67.28 4.75 -0.01	54.90 3.78 -0.01	45.94 3.05 0.00	39.72 2.53 0.00	38.21 2.30 0.00	38.70 2.53 0.00	38.31 2.27 0.00	38.82 2.54 0.00	39.91 2.92 0.00	43.18 3.38 -0.01	50.79 3.79 -1.92	57.18 4.38 -0.01	76.58 4.91 -10.36	66.07 4.08 -12.84	54.83 3.49 -10.28	45.97 3.14 -5.03	40.19 2.84 -2.26
BARRETT___1 23545	39.80 1.86 0.00	37.76 1.87 0.00	37.12 1.77 0.00	37.38 1.88 0.00	37.70 1.96 0.00	42.46 2.17 -0.01	58.87 3.70 -0.01	67.28 4.75 -0.01	54.90 3.78 -0.01	45.94 3.05 0.00	39.72 2.53 0.00	38.21 2.30 0.00	38.70 2.53 0.00	38.31 2.27 0.00	38.82 2.54 0.00	39.91 2.92 0.00	43.18 3.38 -0.01	50.79 3.79 -1.92	57.18 4.38 -0.01	76.58 4.91 -10.36	66.07 4.08 -12.84	54.83 3.49 -10.28	45.97 3.14 -5.03	40.19 2.84 -2.26
BARRETT___2 23546	39.80 1.86 0.00	37.76 1.87 0.00	37.12 1.77 0.00	37.38 1.88 0.00	37.70 1.96 0.00	42.46 2.17 -0.01	58.87 3.70 -0.01	67.28 4.75 -0.01	54.90 3.78 -0.01	45.94 3.05 0.00	39.72 2.53 0.00	38.21 2.30 0.00	38.70 2.53 0.00	38.31 2.27 0.00	38.82 2.54 0.00	39.91 2.92 0.00	43.18 3.38 -0.01	50.79 3.79 -1.92	57.18 4.38 -0.01	76.58 4.91 -10.36	66.07 4.08 -12.84	54.83 3.49 -10.28	45.97 3.14 -5.03	40.19 2.84 -2.26
BATAVIA__115KV_TB1 55881	37.86 -0.08 0.00	35.50 -0.39 0.00	34.79 -0.57 0.00	34.86 -0.64 0.00	35.12 -0.61 0.00	39.19 -1.09 0.00	52.91 -2.26 0.00	58.71 -3.81 0.00	47.79 -3.32 0.00	41.05 -1.84 0.00	35.88 -1.30 0.00	34.79 -1.11 0.00	35.25 -0.90 0.01	35.37 -0.65 0.01	35.25 -1.02 0.01	35.84 -1.15 0.00	38.00 -1.79 0.00	42.48 -2.57 0.03	46.84 -2.80 3.15	51.51 -2.82 6.99	44.99 -2.11 2.06	39.30 -1.72 0.04	36.02 -1.85 -0.07	33.44 -1.79 -0.15
BAYONEEC___CTG1 323682	39.46 1.52 0.00	37.44 1.54 0.00	36.91 1.55 0.00	37.10 1.60 0.00	37.30 1.57 0.00	42.05 1.77 0.00	58.53 3.37 0.00	67.08 4.56 0.00	54.79 3.68 0.00	45.77 2.87 0.00	39.83 2.64 0.00	38.46 2.55 0.00	38.84 2.68 0.00	38.60 2.56 0.00	38.89 2.61 0.00	39.95 2.96 0.00	43.13 3.34 0.00	49.00 3.92 0.00	57.44 4.65 0.00	66.65 5.33 0.00	59.59 4.37 -6.05	48.52 3.61 -3.85	41.79 3.06 -0.92	40.04 2.70 -2.25
BAYONEEC___CTG10 323750	39.46 1.52 0.00	37.44 1.54 0.00	36.91 1.55 0.00	37.10 1.60 0.00	37.30 1.57 0.00	42.05 1.77 0.00	58.53 3.37 0.00	67.08 4.56 0.00	54.79 3.68 0.00	45.77 2.87 0.00	39.83 2.64 0.00	38.46 2.55 0.00	38.84 2.68 0.00	38.60 2.56 0.00	38.89 2.61 0.00	39.95 2.96 0.00	43.13 3.34 0.00	49.00 3.92 0.00	57.44 4.65 0.00	66.65 5.33 0.00	59.59 4.37 -6.05	48.52 3.61 -3.85	41.79 3.06 -0.92	40.04 2.70 -2.25
BAYONEEC___CTG2 323683	39.46 1.52 0.00	37.44 1.54 0.00	36.91 1.55 0.00	37.10 1.60 0.00	37.30 1.57 0.00	42.05 1.77 0.00	58.53 3.37 0.00	67.08 4.56 0.00	54.79 3.68 0.00	45.77 2.87 0.00	39.83 2.64 0.00	38.46 2.55 0.00	38.84 2.68 0.00	38.60 2.56 0.00	38.89 2.61 0.00	39.95 2.96 0.00	43.13 3.34 0.00	49.00 3.92 0.00	57.44 4.65 0.00	66.65 5.33 0.00	59.59 4.37 -6.05	48.52 3.61 -3.85	41.79 3.06 -0.92	40.04 2.70 -2.25
BAYONEEC___CTG3 323684	39.46 1.52 0.00	37.44 1.54 0.00	36.91 1.55 0.00	37.10 1.60 0.00	37.30 1.57 0.00	42.05 1.77 0.00	58.53 3.37 0.00	67.08 4.56 0.00	54.79 3.68 0.00	45.77 2.87 0.00	39.83 2.64 0.00	38.46 2.55 0.00	38.84 2.68 0.00	38.60 2.56 0.00	38.89 2.61 0.00	39.95 2.96 0.00	43.13 3.34 0.00	49.00 3.92 0.00	57.44 4.65 0.00	66.65 5.33 0.00	59.59 4.37 -6.05	48.52 3.61 -3.85	41.79 3.06 -0.92	40.04 2.70 -2.25
BAYONEEC___CTG4 323685	39.46 1.52 0.00	37.44 1.54 0.00	36.91 1.55 0.00	37.10 1.60 0.00	37.30 1.57 0.00	42.05 1.77 0.00	58.53 3.37 0.00	67.08 4.56 0.00	54.79 3.68 0.00	45.77 2.87 0.00	39.83 2.64 0.00	38.46 2.55 0.00	38.84 2.68 0.00	38.60 2.56 0.00	38.89 2.61 0.00	39.95 2.96 0.00	43.13 3.34 0.00	49.00 3.92 0.00	57.44 4.65 0.00	66.65 5.33 0.00	59.59 4.37 -6.05	48.52 3.61 -3.85	41.79 3.06 -0.92	40.04 2.70 -2.25
BAYONEEC___CTG5 323686	39.46 1.52 0.00	37.44 1.54 0.00	36.91 1.55 0.00	37.10 1.60 0.00	37.30 1.57 0.00	42.05 1.77 0.00	58.53 3.37 0.00	67.08 4.56 0.00	54.79 3.68 0.00	45.77 2.87 0.00	39.83 2.64 0.00	38.46 2.55 0.00	38.84 2.68 0.00	38.60 2.56 0.00	38.89 2.61 0.00	39.95 2.96 0.00	43.13 3.34 0.00	49.00 3.92 0.00	57.44 4.65 0.00	66.65 5.33 0.00	59.59 4.37 -6.05	48.52 3.61 -3.85	41.79 3.06 -0.92	40.04 2.70 -2.25
BAYONEEC___CTG6 323687	39.46 1.52 0.00	37.44 1.54 0.00	36.91 1.55 0.00	37.10 1.60 0.00	37.30 1.57 0.00	42.05 1.77 0.00	58.53 3.37 0.00	67.08 4.56 0.00	54.79 3.68 0.00	45.77 2.87 0.00	39.83 2.64 0.00	38.46 2.55 0.00	38.84 2.68 0.00	38.60 2.56 0.00	38.89 2.61 0.00	39.95 2.96 0.00	43.13 3.34 0.00	49.00 3.92 0.00	57.44 4.65 0.00	66.65 5.33 0.00	59.59 4.37 -6.05	48.52 3.61 -3.85	41.79 3.06 -0.92	40.04 2.70 -2.25

BAYONEEC___CTG7 323688	39.46 1.52 0.00	37.44 1.54 0.00	36.91 1.55 0.00	37.10 1.60 0.00	37.30 1.57 0.00	42.05 1.77 0.00	58.53 3.37 0.00	67.08 4.56 0.00	54.79 3.68 0.00	45.77 2.87 0.00	39.83 2.64 0.00	38.46 2.55 0.00	38.84 2.68 0.00	38.60 2.56 0.00	38.89 2.61 0.00	39.95 2.96 0.00	43.13 3.34 0.00	49.00 3.92 0.00	57.44 4.65 0.00	66.65 5.33 0.00	59.59 4.37 -6.05	48.52 3.61 -3.85	41.79 3.06 -0.92	40.04 2.70 -2.25
BAYONEEC___CTG8 323689	39.46 1.52 0.00	37.44 1.54 0.00	36.91 1.55 0.00	37.10 1.60 0.00	37.30 1.57 0.00	42.05 1.77 0.00	58.53 3.37 0.00	67.08 4.56 0.00	54.79 3.68 0.00	45.77 2.87 0.00	39.83 2.64 0.00	38.46 2.55 0.00	38.84 2.68 0.00	38.60 2.56 0.00	38.89 2.61 0.00	39.95 2.96 0.00	43.13 3.34 0.00	49.00 3.92 0.00	57.44 4.65 0.00	66.65 5.33 0.00	59.59 4.37 -6.05	48.52 3.61 -3.85	41.79 3.06 -0.92	40.04 2.70 -2.25
BAYONEEC___CTG9 323749	39.46 1.52 0.00	37.44 1.54 0.00	36.91 1.55 0.00	37.10 1.60 0.00	37.30 1.57 0.00	42.05 1.77 0.00	58.53 3.37 0.00	67.08 4.56 0.00	54.79 3.68 0.00	45.77 2.87 0.00	39.83 2.64 0.00	38.46 2.55 0.00	38.84 2.68 0.00	38.60 2.56 0.00	38.89 2.61 0.00	39.95 2.96 0.00	43.13 3.34 0.00	49.00 3.92 0.00	57.44 4.65 0.00	66.65 5.33 0.00	59.59 4.37 -6.05	48.52 3.61 -3.85	41.79 3.06 -0.92	40.04 2.70 -2.25
BEACON___LESR 323632	38.77 0.83 0.00	36.79 0.90 0.00	36.31 0.95 0.00	36.42 0.92 0.00	36.70 0.97 0.00	41.37 1.09 0.00	56.99 1.82 0.00	64.90 2.38 0.00	52.85 1.74 0.00	44.22 1.33 0.00	38.23 1.04 0.00	36.84 0.93 0.00	37.10 0.94 0.00	36.97 0.94 0.00	37.40 1.13 0.00	38.36 1.37 0.00	41.34 1.55 0.00	47.02 1.94 0.00	55.27 2.48 0.00	64.38 3.06 0.00	58.93 2.36 -7.41	47.74 1.97 -4.71	40.56 1.62 -1.13	39.25 1.40 -2.76
BEAVER RIVER___HYD 24048	37.49 -0.45 0.00	35.50 -0.39 0.00	34.97 -0.39 0.00	35.36 -0.14 0.00	35.55 -0.18 0.00	40.32 0.04 0.00	55.50 0.33 0.00	62.77 0.25 0.00	50.96 -0.15 0.00	42.55 -0.34 0.00	36.67 -0.52 0.00	35.26 -0.65 0.00	35.26 -0.90 0.00	35.17 -0.87 0.00	35.26 -1.02 0.00	35.95 -1.04 0.00	38.60 -1.19 0.00	43.96 -1.13 0.00	51.90 -0.90 0.00	60.52 -0.80 0.00	48.53 -0.84 -0.21	40.37 -0.82 -0.13	37.01 -0.83 -0.03	34.35 -0.81 -0.08
BEEBEE_GT_13 23619	37.45 -0.49 0.00	35.14 -0.75 0.00	34.51 -0.85 0.00	34.61 -0.89 0.00	34.84 -0.89 0.00	39.07 -1.21 0.00	52.96 -2.21 0.00	59.21 -3.31 0.00	48.35 -2.76 0.00	41.26 -1.63 0.00	36.03 -1.15 0.00	34.97 -0.93 0.00	35.44 -0.72 0.00	35.46 -0.58 0.00	35.41 -0.87 0.00	35.95 -1.04 0.00	38.32 -1.47 0.00	43.05 -2.03 0.00	49.72 -2.16 0.91	57.03 -2.27 2.02	48.01 -1.67 -0.52	40.15 -1.35 -0.45	36.40 -1.47 -0.07	33.89 -1.33 -0.15
BENSHRST_27_KV_BENSHRST_1 355998	56.74 2.24 -16.56	56.03 2.19 -17.95	45.20 2.19 -7.65	42.44 2.24 -4.70	49.52 2.22 -11.58	56.11 2.50 -13.34	59.53 4.36 -0.01	68.10 5.56 -0.02	62.19 4.60 -6.48	59.34 3.60 -12.84	57.49 3.12 -17.18	57.55 3.09 -18.56	57.56 3.18 -18.21	57.66 3.10 -18.53	58.19 3.19 -18.72	59.89 3.40 -19.50	62.78 3.90 -19.09	67.98 4.64 -18.25	96.48 5.65 -38.04	97.55 6.38 -29.86	96.71 5.31 -42.24	62.37 4.31 -17.00	60.62 3.71 -19.11	57.76 3.19 -19.48
BETHLEHEM___GRP 23843	38.17 0.23 0.00	36.22 0.32 0.00	35.75 0.39 0.00	35.89 0.39 0.00	36.13 0.39 0.00	40.68 0.40 0.00	55.89 0.72 0.00	63.71 1.19 0.00	52.03 0.92 0.00	43.49 0.60 0.00	37.67 0.48 0.00	36.37 0.47 0.00	36.67 0.51 0.00	36.54 0.50 0.00	36.93 0.65 0.00	37.80 0.81 0.00	40.70 0.92 0.00	46.30 1.22 0.00	54.43 1.64 0.00	63.28 1.96 0.00	58.15 1.57 -7.41	47.09 1.31 -4.71	40.00 1.06 -1.13	38.79 0.95 -2.76
BETHLEHEM___GS1 323560	38.17 0.23 0.00	36.18 0.29 0.00	35.71 0.35 0.00	35.85 0.35 0.00	36.13 0.39 0.00	40.68 0.40 0.00	55.88 0.72 0.00	63.71 1.18 0.00	51.98 0.87 0.00	43.54 0.64 0.00	37.71 0.52 0.00	36.41 0.50 0.00	36.67 0.51 0.00	36.54 0.50 0.00	36.93 0.65 0.00	37.80 0.81 0.00	40.74 0.95 0.00	46.30 1.22 0.00	54.43 1.64 0.00	63.28 1.96 0.00	58.15 1.57 -7.41	47.09 1.31 -4.71	40.00 1.06 -1.13	38.75 0.91 -2.76
BETHLEHEM___GS2 323561	38.17 0.23 0.00	36.18 0.29 0.00	35.71 0.35 0.00	35.85 0.35 0.00	36.13 0.39 0.00	40.68 0.40 0.00	55.88 0.72 0.00	63.71 1.18 0.00	51.98 0.87 0.00	43.54 0.64 0.00	37.71 0.52 0.00	36.41 0.50 0.00	36.67 0.51 0.00	36.54 0.50 0.00	36.93 0.65 0.00	37.80 0.81 0.00	40.74 0.95 0.00	46.30 1.22 0.00	54.43 1.64 0.00	63.28 1.96 0.00	58.15 1.57 -7.41	47.09 1.31 -4.71	40.00 1.06 -1.13	38.75 0.91 -2.76
BETHLEHEM___GS3 323562	38.17 0.23 0.00	36.18 0.29 0.00	35.71 0.35 0.00	35.85 0.35 0.00	36.13 0.39 0.00	40.68 0.40 0.00	55.88 0.72 0.00	63.71 1.18 0.00	51.98 0.87 0.00	43.54 0.64 0.00	37.71 0.52 0.00	36.41 0.50 0.00	36.67 0.51 0.00	36.54 0.50 0.00	36.93 0.65 0.00	37.80 0.81 0.00	40.74 0.95 0.00	46.30 1.22 0.00	54.43 1.64 0.00	63.28 1.96 0.00	58.15 1.57 -7.41	47.09 1.31 -4.71	40.00 1.06 -1.13	38.75 0.91 -2.76
BETHLEHEM___STEEL 23779	37.26 -0.68 0.00	34.78 -1.11 0.00	34.08 -1.27 0.00	34.11 -1.38 0.00	34.37 -1.36 0.00	38.14 -2.13 0.00	51.36 -3.81 0.00	56.52 -6.00 0.00	46.10 -5.01 0.00	39.98 -2.92 0.00	35.03 -2.16 0.00	34.11 -1.80 0.00	34.31 -1.84 0.02	34.51 -1.51 0.02	34.49 -1.78 0.02	34.95 -2.03 0.00	36.88 -2.90 0.00	40.90 -4.15 0.04	44.56 -4.75 3.48	48.51 -5.09 7.71	43.01 -4.13 2.02	37.61 -3.49 -0.04	34.82 -3.06 -0.08	32.30 -2.95 -0.16
BETHLHEM_115KV_TB1 79974	38.24 0.30 0.00	36.33 0.43 0.00	35.82 0.46 0.00	35.96 0.46 0.00	36.20 0.46 0.00	40.80 0.52 0.00	56.05 0.88 0.00	63.90 1.38 0.00	52.13 1.02 0.00	43.58 0.69 0.00	37.74 0.56 0.00	36.48 0.57 0.00	36.74 0.58 0.00	36.61 0.58 0.00	37.00 0.73 0.00	37.87 0.89 0.00	40.82 1.03 0.00	46.39 1.31 0.00	54.54 1.74 0.00	63.40 2.08 0.00	58.23 1.67 -7.40	47.16 1.40 -4.71	40.11 1.17 -1.13	38.86 1.02 -2.76
BETHPAGE_CC_5 323564	40.10 2.16 0.00	38.01 2.12 0.00	37.37 2.01 0.00	37.66 2.17 0.00	37.98 2.25 0.00	42.83 2.54 -0.01	59.20 4.03 -0.01	67.78 5.25 -0.01	55.31 4.19 -0.01	46.28 3.39 0.00	39.98 2.79 0.00	38.46 2.55 0.00	38.95 2.78 0.00	38.56 2.52 0.00	39.11 2.83 0.00	40.20 3.22 0.00	43.54 3.74 -0.01	51.52 4.24 -2.20	57.82 5.02 -0.01	78.89 5.70 -11.87	67.70 4.72 -13.82	56.18 3.90 -11.22	46.87 3.44 -5.62	40.43 3.09 -2.27
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	37.33 -0.61 0.00	34.86 -1.04 0.00	34.12 -1.24 0.00	34.15 -1.35 0.00	34.41 -1.32 0.00	38.22 -2.05 0.00	51.47 -3.70 0.00	56.64 -5.88 0.00	46.20 -4.91 0.00	40.02 -2.87 0.00	35.10 -2.08 0.00	34.11 -1.80 0.00	34.31 -1.84 0.01	34.51 -1.51 0.01	34.49 -1.78 0.01	34.95 -2.03 0.00	36.88 -2.90 0.00	40.90 -4.15 0.04	44.65 -4.75 3.39	48.70 -5.09 7.52	43.17 -4.13 1.86	37.65 -3.49 -0.08	34.78 -3.10 -0.08	32.26 -2.98 -0.16

BINGHAMTON___COGEN 23790	38.81 0.87 0.00	36.69 0.79 0.00	36.03 0.67 0.00	36.14 0.64 0.00	36.41 0.68 0.00	40.96 0.68 0.00	56.33 1.16 0.00	63.58 1.06 0.00	51.87 0.77 0.00	43.62 0.73 0.00	37.89 0.71 0.00	36.63 0.72 0.00	36.78 0.61 0.00	36.69 0.65 0.00	36.90 0.62 0.00	37.65 0.67 0.00	40.47 0.68 0.00	45.67 0.59 0.00	52.96 0.95 0.79	60.67 1.10 1.75	51.53 0.64 -1.73	42.80 0.53 -1.20	38.48 0.42 -0.25	35.97 0.28 -0.60
BIXINCNT_115KV_LOAD 355685	37.56 -0.38 0.00	35.03 -0.86 0.00	34.26 -1.10 0.00	34.18 -1.31 0.00	34.37 -1.36 0.00	38.22 -2.05 0.00	51.64 -3.53 0.00	57.02 -5.50 0.00	46.20 -4.91 0.00	39.72 -3.17 0.00	34.55 -2.64 0.00	33.39 -2.51 0.00	33.01 -3.15 0.01	33.08 -2.96 0.01	33.26 -3.01 0.01	33.70 -3.29 0.00	35.57 -4.22 0.00	39.61 -5.46 0.02	43.63 -6.49 2.67	48.09 -7.30 5.93	42.62 -6.05 0.49	36.30 -5.17 -0.41	33.38 -4.50 -0.08	30.99 -4.24 -0.16
BLACK RIVER___HYD 24047	37.79 -0.15 0.00	35.79 -0.11 0.00	35.22 -0.14 0.00	35.50 0.00 0.00	35.70 -0.04 0.00	40.48 0.20 0.00	55.78 0.61 0.00	63.02 0.50 0.00	51.01 -0.10 0.00	42.55 -0.34 0.00	36.63 -0.56 0.00	35.22 -0.68 0.00	35.33 -0.83 0.00	35.28 -0.76 0.00	35.41 -0.87 0.00	36.03 -0.96 0.00	38.72 -1.07 0.00	44.18 -0.90 0.00	52.43 -0.37 0.00	61.32 0.00 0.00	49.15 -0.29 -0.29	40.87 -0.37 -0.18	37.44 -0.42 -0.04	34.70 -0.49 -0.11
BLACKRVR_115KV_TB2 79977	37.79 -0.15 0.00	35.75 -0.14 0.00	35.21 -0.14 0.00	35.46 -0.04 0.00	35.70 -0.04 0.00	40.48 0.20 0.00	55.72 0.55 0.00	63.02 0.50 0.00	51.01 -0.10 0.00	42.55 -0.34 0.00	36.63 -0.56 0.00	35.22 -0.68 0.00	35.33 -0.83 0.00	35.28 -0.76 0.00	35.41 -0.87 0.00	36.06 -0.92 0.00	38.75 -1.03 0.00	44.18 -0.90 0.00	52.42 -0.37 0.00	61.32 0.00 0.00	49.15 -0.29 -0.29	40.87 -0.37 -0.18	37.44 -0.42 -0.04	34.70 -0.49 -0.11
BLISS_WT_PWR 323608	37.60 -0.34 0.00	35.14 -0.76 0.00	34.26 -1.10 0.00	34.15 -1.35 0.00	34.34 -1.39 0.00	38.27 -2.01 0.00	51.53 -3.64 0.00	56.83 -5.69 0.00	46.25 -4.86 0.00	39.50 -3.39 0.00	34.25 -2.94 0.00	33.14 -2.76 0.00	32.69 -3.47 0.01	32.72 -3.31 0.01	32.90 -3.37 0.01	33.14 -3.85 0.00	35.05 -4.74 0.00	39.20 -5.86 0.02	43.10 -7.02 2.67	47.42 -7.97 5.93	42.08 -6.59 0.49	35.85 -5.62 -0.41	33.01 -4.88 -0.08	30.64 -4.59 -0.16
BLUESTONE___WT_PWR 323821	39.99 2.05 0.00	37.87 1.97 0.00	37.26 1.91 0.00	37.41 1.92 0.00	37.62 1.89 0.00	42.49 2.21 0.00	58.59 3.42 0.00	66.15 3.62 0.00	53.66 2.55 0.00	44.74 1.84 0.00	38.45 1.27 0.00	36.98 1.08 0.00	37.14 0.98 0.00	37.04 1.01 0.00	37.15 0.87 0.00	37.87 0.89 0.00	40.74 0.95 0.00	46.26 1.17 0.00	55.47 1.85 -0.83	65.44 2.27 -1.85	52.79 1.43 -2.20	43.46 1.11 -1.29	39.10 0.95 -0.35	36.72 0.77 -0.87
BLUE_CIRC_CHEM_DRP 24182	38.74 0.80 0.00	36.76 0.86 0.00	36.28 0.92 0.00	36.42 0.92 0.00	36.66 0.93 0.00	41.33 1.05 0.00	56.77 1.60 0.00	64.52 2.00 0.00	52.54 1.43 0.00	43.84 0.94 0.00	37.89 0.71 0.00	36.59 0.68 0.00	36.85 0.69 0.00	36.72 0.68 0.00	37.15 0.87 0.00	38.06 1.07 0.00	41.06 1.27 0.00	46.75 1.67 0.00	55.01 2.22 0.00	63.95 2.64 0.00	58.51 2.06 -7.28	47.42 1.72 -4.63	40.40 1.47 -1.11	39.09 1.30 -2.71
BOC_GAS_DRP 24189	38.47 0.53 0.00	36.51 0.61 0.00	35.99 0.64 0.00	36.17 0.67 0.00	36.41 0.68 0.00	41.04 0.77 0.00	56.44 1.27 0.00	64.33 1.81 0.00	52.49 1.38 0.00	43.88 0.99 0.00	38.00 0.82 0.00	36.73 0.83 0.00	37.00 0.83 0.00	36.87 0.83 0.00	37.26 0.98 0.00	38.10 1.11 0.00	41.10 1.31 0.00	46.71 1.62 0.00	54.85 2.06 0.00	63.71 2.39 0.00	58.48 1.97 -7.35	47.38 1.64 -4.67	40.29 1.36 -1.12	38.98 1.16 -2.74
BOONVILLE_115KV_TB1 79983	38.43 0.49 0.00	36.36 0.47 0.00	35.85 0.49 0.00	36.10 0.60 0.00	36.34 0.61 0.00	41.08 0.81 0.00	56.55 1.38 0.00	64.02 1.50 0.00	52.08 0.97 0.00	43.54 0.64 0.00	37.60 0.41 0.00	36.23 0.32 0.00	36.35 0.18 0.00	36.29 0.25 0.00	36.42 0.15 0.00	37.17 0.18 0.00	39.95 0.16 0.00	45.40 0.32 0.00	53.48 0.69 0.00	62.30 0.98 0.00	49.93 0.59 -0.18	41.58 0.41 -0.11	38.17 0.34 -0.03	35.39 0.25 -0.07
BORALEX_4TH_BRANCH 23824	39.19 1.25 0.00	37.19 1.29 0.00	36.77 1.41 0.00	36.92 1.42 0.00	37.27 1.54 0.00	42.05 1.77 0.00	58.04 2.87 0.00	66.33 3.81 0.00	54.02 2.91 0.00	44.95 2.06 0.00	38.86 1.67 0.00	37.59 1.69 0.00	37.83 1.66 0.00	37.66 1.62 0.00	38.17 1.89 0.00	39.17 2.18 0.00	42.38 2.59 0.00	48.28 3.20 0.00	56.91 4.12 0.00	66.28 4.97 0.00	60.64 4.08 -7.40	49.13 3.37 -4.71	41.85 2.91 -1.13	40.15 2.32 -2.76
BOWLINE___1 23526	39.08 1.14 0.00	37.08 1.18 0.00	36.56 1.20 0.00	36.74 1.24 0.00	36.95 1.22 0.00	41.69 1.41 0.00	57.87 2.70 0.00	66.21 3.69 0.00	53.87 2.76 0.00	45.04 2.14 0.00	39.12 1.93 0.00	37.77 1.87 0.00	38.12 1.95 0.00	37.91 1.87 0.00	38.24 1.96 0.00	39.24 2.26 0.00	42.34 2.55 0.00	48.15 3.07 0.00	56.49 3.69 0.00	65.67 4.35 0.00	58.51 3.54 -5.80	47.62 2.87 -3.69	41.12 2.42 -0.89	39.31 2.07 -2.16
BOWLINE___2 23595	39.08 1.14 0.00	37.08 1.18 0.00	36.56 1.20 0.00	36.74 1.24 0.00	36.95 1.22 0.00	41.65 1.37 0.00	57.82 2.65 0.00	66.15 3.62 0.00	53.87 2.76 0.00	45.04 2.14 0.00	39.12 1.93 0.00	37.77 1.87 0.00	38.12 1.95 0.00	37.91 1.87 0.00	38.24 1.96 0.00	39.24 2.26 0.00	42.34 2.55 0.00	48.15 3.07 0.00	56.49 3.69 0.00	65.67 4.35 0.00	58.51 3.54 -5.81	47.63 2.87 -3.69	41.12 2.42 -0.89	39.31 2.07 -2.16
BRADY___115KV_TB2 356060	38.43 0.49 0.00	36.36 0.47 0.00	35.85 0.49 0.00	36.00 0.50 0.00	36.20 0.46 0.00	40.92 0.64 0.00	56.16 0.99 0.00	63.46 0.94 0.00	51.67 0.56 0.00	43.32 0.43 0.00	37.52 0.33 0.00	36.01 0.11 0.00	36.24 0.07 0.00	36.11 0.07 0.00	36.31 0.04 0.00	37.02 0.04 0.00	39.79 0.00 0.00	45.13 0.05 0.00	52.63 -0.16 0.00	61.19 -0.12 0.00	49.01 -0.15 0.00	40.81 -0.25 0.00	37.62 -0.19 0.00	35.01 -0.07 0.00
BRANSCOMB___SOLAR 323811	39.69 1.75 0.00	37.69 1.79 0.00	37.19 1.84 0.00	37.34 1.84 0.00	37.70 1.96 0.00	42.53 2.25 0.00	58.87 3.70 0.00	66.90 4.37 0.00	54.23 3.12 0.00	45.16 2.27 0.00	38.82 1.63 0.00	37.34 1.44 0.00	37.57 1.41 0.00	37.48 1.44 0.00	37.98 1.71 0.00	39.06 2.07 0.00	42.26 2.47 0.00	48.19 3.11 0.00	56.75 3.96 0.00	66.28 4.96 0.00	60.73 3.93 -7.64	49.12 3.20 -4.86	41.70 2.72 -1.17	40.21 2.28 -2.84
BRENTWOD_69_KV_W. BRTWOOD 56703	40.26 2.31 0.00	38.27 2.37 0.00	37.51 2.16 0.00	37.81 2.31 0.00	38.16 2.43 0.00	43.15 2.86 -0.01	59.48 4.30 -0.01	67.97 5.44 -0.01	55.56 4.45 -0.01	46.32 3.43 0.00	40.05 2.86 0.00	38.49 2.59 0.00	39.02 2.86 0.00	38.63 2.59 0.00	39.22 2.94 0.00	40.35 3.37 0.00	43.66 3.86 -0.01	51.60 4.60 -1.91	58.19 5.38 -0.01	77.78 6.13 -10.34	67.14 5.16 -12.82	55.64 4.31 -10.27	46.61 3.78 -5.02	40.68 3.33 -2.26

BRISTLHL_115KV_TB1 79998	37.52 -0.42 0.00	35.47 -0.43 0.00	34.90 -0.46 0.00	35.04 -0.46 0.00	35.23 -0.50 0.00	39.67 -0.60 0.00	54.23 -0.94 0.00	61.27 -1.25 0.00	50.09 -1.02 0.00	42.12 -0.77 0.00	36.59 -0.59 0.00	35.37 -0.54 0.00	35.62 -0.54 0.00	35.50 -0.54 0.00	35.70 -0.58 0.00	36.28 -0.70 0.00	39.03 -0.76 0.00	44.14 -0.95 0.00	51.90 -0.90 0.00	60.27 -1.04 0.00	48.77 -0.84 -0.45	40.69 -0.66 -0.29	37.31 -0.57 -0.07	34.79 -0.46 -0.17
BROOKHAVEN___DRP 24191	40.18 2.24 0.00	38.19 2.30 0.00	37.44 2.09 0.00	37.77 2.27 0.00	38.13 2.39 0.00	43.23 2.94 -0.01	59.70 4.52 -0.01	68.22 5.69 -0.01	55.56 4.45 -0.01	46.32 3.43 0.00	40.01 2.83 0.00	38.46 2.55 0.00	38.99 2.82 0.00	38.60 2.56 0.00	39.18 2.90 0.00	40.32 3.33 0.00	43.62 3.82 -0.01	51.85 4.87 -1.90	58.56 5.75 -0.01	78.08 6.50 -10.26	67.59 5.65 -12.77	55.92 4.64 -10.22	46.61 3.82 -4.99	40.71 3.37 -2.26
BROOKLYN_NAVY_YARD 23515	39.46 1.52 0.00	37.44 1.54 0.00	36.88 1.52 0.00	37.10 1.60 0.00	37.30 1.57 0.00	42.05 1.77 0.00	58.59 3.42 0.00	67.15 4.63 0.00	54.79 3.68 0.00	45.77 2.87 0.00	39.83 2.64 0.00	38.46 2.55 0.00	38.84 2.68 0.00	38.60 2.56 0.00	38.89 2.61 0.00	39.98 2.99 0.00	43.13 3.34 0.00	49.05 3.97 0.00	57.49 4.70 0.00	66.77 5.46 0.00	59.68 4.47 -6.05	48.52 3.61 -3.85	41.83 3.10 -0.92	40.04 2.70 -2.25
BROOKLYN___ARMY_DRP 323595	56.55 2.05 -16.56	55.89 2.05 -17.95	45.10 2.09 -7.65	42.30 2.09 -4.70	49.38 2.07 -11.58	55.99 2.38 -13.34	59.26 4.08 -0.01	67.86 5.31 -0.02	61.99 4.40 -6.48	59.12 3.39 -12.84	57.34 2.97 -17.18	57.37 2.91 -18.56	57.38 3.00 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.74 3.25 -19.50	62.58 3.70 -19.09	67.76 4.42 -18.25	101.21 5.38 -43.04	101.11 6.01 -33.78	101.17 5.01 -46.99	62.12 4.06 -17.00	60.43 3.52 -19.11	57.62 3.05 -19.48
BROOKVLE_69_KV_TB1 55790	40.03 2.09 0.00	38.01 2.12 0.00	37.37 2.02 0.00	37.63 2.13 0.00	37.91 2.18 0.00	42.79 2.50 -0.01	59.32 4.14 -0.01	67.85 5.31 -0.01	55.42 4.29 -0.01	46.20 3.30 0.00	39.98 2.79 0.00	38.56 2.66 0.00	39.02 2.86 0.00	38.74 2.70 0.00	39.22 2.94 0.00	40.21 3.22 0.00	43.50 3.70 -0.01	52.49 4.33 -3.08	57.98 5.17 -0.01	83.85 5.89 -16.65	70.98 4.87 -16.95	59.23 3.98 -14.19	48.76 3.44 -7.52	40.33 2.98 -2.27
BROOME_2_LFGE 323671	38.81 0.87 0.00	36.72 0.83 0.00	36.03 0.67 0.00	36.17 0.67 0.00	36.41 0.68 0.00	40.96 0.68 0.00	56.33 1.16 0.00	63.58 1.06 0.00	51.92 0.82 0.00	43.62 0.73 0.00	37.86 0.67 0.00	36.63 0.72 0.00	36.82 0.65 0.00	36.65 0.61 0.00	36.89 0.62 0.00	37.62 0.63 0.00	40.42 0.63 0.00	45.66 0.58 0.00	52.96 0.95 0.79	60.67 1.10 1.75	51.53 0.64 -1.73	42.79 0.53 -1.20	38.48 0.42 -0.25	35.96 0.28 -0.60
BROOME___LFGE 323600	38.81 0.87 0.00	36.72 0.83 0.00	36.03 0.67 0.00	36.17 0.67 0.00	36.41 0.68 0.00	40.96 0.68 0.00	56.33 1.16 0.00	63.58 1.06 0.00	51.92 0.82 0.00	43.62 0.73 0.00	37.86 0.67 0.00	36.63 0.72 0.00	36.82 0.65 0.00	36.65 0.61 0.00	36.89 0.62 0.00	37.62 0.63 0.00	40.42 0.63 0.00	45.66 0.58 0.00	52.96 0.95 0.79	60.67 1.10 1.75	51.53 0.64 -1.73	42.79 0.53 -1.20	38.48 0.42 -0.25	35.96 0.28 -0.60
BROWNFLS_115KV_TB_3_5 80003	37.14 -0.80 0.00	35.14 -0.75 0.00	34.68 -0.67 0.00	34.93 -0.57 0.00	35.16 -0.57 0.00	39.80 -0.48 0.00	54.78 -0.39 0.00	61.96 -0.56 0.00	50.34 -0.77 0.00	42.12 -0.77 0.00	36.41 -0.78 0.00	34.94 -0.97 0.00	35.04 -1.12 0.00	34.96 -1.08 0.00	35.08 -1.20 0.00	35.73 -1.26 0.00	38.40 -1.39 0.00	43.64 -1.44 0.00	51.21 -1.58 0.00	59.60 -1.72 0.00	47.78 -1.52 -0.14	39.76 -1.40 -0.09	36.51 -1.32 -0.02	33.94 -1.19 -0.05
BROWNSV1_27_KV_LOAD 356125	39.76 1.82 0.00	37.73 1.83 0.00	37.19 1.84 0.00	37.38 1.88 0.00	37.59 1.86 0.00	42.45 2.18 0.00	59.03 3.86 0.00	67.65 5.13 0.00	55.30 4.19 0.00	46.11 3.22 0.00	40.01 2.83 0.00	38.71 2.80 0.00	39.06 2.89 0.00	38.85 2.81 0.00	39.18 2.90 0.00	40.13 3.14 0.00	43.37 3.58 0.00	49.41 4.33 0.00	57.97 5.17 0.00	67.20 5.89 0.00	60.08 4.87 -6.05	48.85 3.94 -3.85	42.06 3.33 -0.92	40.18 2.84 -2.25
BURROWS___LYONSDAL 23803	38.21 0.27 0.00	36.15 0.25 0.00	35.64 0.28 0.00	35.92 0.43 0.00	36.16 0.43 0.00	40.92 0.64 0.00	56.33 1.16 0.00	63.77 1.25 0.00	51.82 0.72 0.00	43.32 0.43 0.00	37.37 0.19 0.00	36.01 0.11 0.00	36.06 -0.11 0.00	36.00 -0.04 0.00	36.13 -0.15 0.00	36.84 -0.15 0.00	39.55 -0.24 0.00	45.04 -0.05 0.00	53.06 0.26 0.00	61.81 0.49 0.00	49.54 0.20 -0.18	41.26 0.08 -0.12	37.87 0.04 -0.03	35.11 -0.04 -0.07
CAITHNESS_CC_1 323624	40.10 2.16 0.00	38.09 2.19 0.00	37.37 2.01 0.00	37.70 2.20 0.00	38.05 2.32 0.00	43.06 2.78 -0.01	59.53 4.36 -0.01	68.09 5.56 -0.01	55.46 4.34 -0.01	46.37 3.47 0.00	40.09 2.90 0.00	38.46 2.55 0.00	39.02 2.86 0.00	38.60 2.56 0.00	39.14 2.87 0.00	40.13 3.14 0.00	43.62 3.82 -0.01	51.76 4.78 -1.90	58.45 5.65 -0.01	78.01 6.44 -10.26	67.44 5.50 -12.77	55.84 4.56 -10.22	46.61 3.82 -4.99	40.68 3.33 -2.26
CALPINE BETH_PAGE_GT4 24209	40.10 2.16 0.00	38.12 2.23 0.00	37.41 2.05 0.00	37.66 2.17 0.00	38.02 2.29 0.00	42.91 2.62 -0.01	59.26 4.08 -0.01	67.72 5.19 -0.01	55.36 4.24 -0.01	46.15 3.26 0.00	39.86 2.68 0.00	38.38 2.48 0.00	38.88 2.71 0.00	38.52 2.49 0.00	39.11 2.83 0.00	40.17 3.18 0.00	43.46 3.66 -0.01	51.57 4.15 -2.34	57.71 4.91 -0.01	79.42 5.46 -12.64	68.02 4.52 -14.33	56.50 3.74 -11.70	46.99 3.25 -5.93	40.29 2.95 -2.27
CALPINE_BETH_PAGE_GT_4 323586	40.10 2.16 0.00	38.05 2.15 0.00	37.41 2.05 0.00	37.66 2.17 0.00	37.98 2.25 0.00	42.83 2.54 -0.01	59.20 4.03 -0.01	67.72 5.19 -0.01	55.26 4.14 -0.01	46.24 3.35 0.00	39.94 2.75 0.00	38.42 2.51 0.00	38.91 2.75 0.00	38.52 2.48 0.00	39.11 2.83 0.00	40.17 3.18 0.00	43.50 3.70 -0.01	51.57 4.15 -2.34	57.71 4.91 -0.01	79.41 5.46 -12.64	68.01 4.52 -14.33	56.50 3.74 -11.70	47.03 3.29 -5.93	40.37 3.02 -2.27
CALPINE_BP_GT1 23823	40.10 2.16 0.00	38.05 2.15 0.00	37.41 2.05 0.00	37.66 2.17 0.00	37.98 2.25 0.00	42.83 2.54 -0.01	59.20 4.03 -0.01	67.72 5.19 -0.01	55.26 4.14 -0.01	46.24 3.35 0.00	39.94 2.75 0.00	38.42 2.51 0.00	38.91 2.75 0.00	38.52 2.48 0.00	39.11 2.83 0.00	40.17 3.18 0.00	43.50 3.70 -0.01	51.57 4.15 -2.34	57.71 4.91 -0.01	79.41 5.46 -12.64	68.01 4.52 -14.33	56.50 3.74 -11.70	47.03 3.29 -5.93	40.37 3.02 -2.27
CALSPAN___DRP 24200	37.26 -0.68 0.00	34.78 -1.11 0.00	34.08 -1.27 0.00	34.11 -1.38 0.00	34.37 -1.36 0.00	38.14 -2.13 0.00	51.36 -3.81 0.00	56.52 -6.00 0.00	46.10 -5.01 0.00	39.98 -2.92 0.00	35.03 -2.16 0.00	34.11 -1.80 0.00	34.31 -1.84 0.02	34.51 -1.51 0.02	34.49 -1.78 0.02	34.95 -2.03 0.00	36.88 -2.90 0.00	40.90 -4.15 0.04	44.56 -4.75 3.48	48.51 -5.09 7.71	43.01 -4.13 2.02	37.61 -3.49 -0.04	34.82 -3.06 -0.08	32.30 -2.95 -0.16

CALVERTON___SOLAR 323806	40.22 2.28 0.00	38.16 2.26 0.00	37.44 2.09 0.00	37.80 2.31 0.00	38.16 2.43 0.00	43.23 2.94 -0.01	59.75 4.58 -0.01	68.35 5.82 -0.01	55.62 4.50 -0.01	46.50 3.60 0.00	40.12 2.94 0.00	38.53 2.62 0.00	39.09 2.93 0.00	38.67 2.63 0.00	39.18 2.90 0.00	40.20 3.22 0.00	43.74 3.94 -0.01	51.94 4.96 -1.90	58.66 5.86 -0.01	78.26 6.68 -10.26	67.73 5.80 -12.77	56.00 4.72 -10.22	46.69 3.90 -4.99	40.79 3.44 -2.26
CANDIGU_WT_PWR 323617	37.90 -0.04 0.00	35.68 -0.21 0.00	34.90 -0.46 0.00	34.93 -0.57 0.00	35.12 -0.61 0.00	39.31 -0.97 0.00	53.51 -1.65 0.00	59.40 -3.12 0.00	48.30 -2.81 0.00	40.58 -2.32 0.00	35.03 -2.16 0.00	33.79 -2.12 0.00	33.58 -2.39 0.19	33.47 -2.38 0.19	33.73 -2.36 0.19	34.51 -2.48 0.00	36.97 -2.82 0.00	41.31 -3.38 0.40	20.57 -3.70 28.52	-6.00 -4.23 63.09	11.87 -3.54 33.75	31.65 -2.96 6.45	35.15 -2.72 -0.06	32.60 -2.60 -0.11
CARR STREET_E_SYR 24060	37.87 -0.08 0.00	35.79 -0.11 0.00	35.18 -0.18 0.00	35.32 -0.18 0.00	35.59 -0.14 0.00	40.08 -0.20 0.00	54.73 -0.44 0.00	61.77 -0.75 0.00	50.55 -0.56 0.00	42.51 -0.39 0.00	36.89 -0.30 0.00	35.69 -0.21 0.00	35.99 -0.18 0.00	35.89 -0.14 0.00	36.06 -0.22 0.00	36.65 -0.33 0.00	39.39 -0.40 0.00	44.59 -0.49 0.00	52.37 -0.42 0.00	60.89 -0.43 0.00	49.24 -0.44 -0.52	41.06 -0.33 -0.33	37.62 -0.26 -0.08	35.07 -0.21 -0.19
CARTHAGE___PAPER 23857	37.60 -0.34 0.00	35.61 -0.29 0.00	35.07 -0.28 0.00	35.39 -0.11 0.00	35.63 -0.11 0.00	40.40 0.12 0.00	55.66 0.50 0.00	62.96 0.44 0.00	51.01 -0.10 0.00	42.55 -0.34 0.00	36.63 -0.56 0.00	35.22 -0.68 0.00	35.26 -0.90 0.00	35.17 -0.87 0.00	35.30 -0.98 0.00	35.95 -1.04 0.00	38.63 -1.16 0.00	44.09 -0.99 0.00	52.16 -0.63 0.00	60.89 -0.43 0.00	48.83 -0.59 -0.26	40.61 -0.61 -0.16	37.20 -0.64 -0.04	34.48 -0.70 -0.10
CASSADAGA_WT_PWR 323784	38.05 0.11 0.00	35.57 -0.32 0.00	34.61 -0.74 0.00	34.65 -0.85 0.00	34.95 -0.79 0.00	38.79 -1.49 0.00	52.41 -2.76 0.00	57.64 -4.88 0.00	46.66 -4.45 0.00	39.59 -3.30 0.00	34.36 -2.83 0.00	33.25 -2.66 0.00	33.12 -3.04 0.01	33.36 -2.67 0.01	33.51 -2.76 0.01	33.88 -3.11 0.00	35.85 -3.94 0.00	39.74 -5.32 0.02	43.96 -6.12 2.71	48.62 -6.68 6.01	42.93 -5.65 0.58	36.65 -4.80 -0.39	33.61 -4.27 -0.08	31.06 -4.18 -0.16
CE_DUNWOOD___DRP 24194	39.38 1.44 0.00	37.37 1.47 0.00	36.84 1.48 0.00	37.02 1.53 0.00	37.23 1.50 0.00	42.05 1.77 0.00	58.37 3.20 0.00	66.77 4.25 0.00	54.53 3.42 0.00	45.47 2.57 0.00	39.42 2.23 0.00	38.13 2.23 0.00	38.48 2.31 0.00	38.27 2.23 0.00	38.64 2.36 0.00	39.54 2.55 0.00	42.77 2.98 0.00	48.69 3.61 0.00	57.12 4.33 0.00	66.34 5.03 0.00	59.33 4.13 -6.04	48.23 3.33 -3.84	41.53 2.80 -0.92	39.68 2.35 -2.25
CE_MILLWOOD___DRP 24193	39.27 1.33 0.00	37.26 1.36 0.00	36.73 1.38 0.00	36.92 1.42 0.00	37.13 1.39 0.00	41.93 1.65 0.00	58.15 2.98 0.00	66.52 4.00 0.00	54.28 3.17 0.00	45.30 2.40 0.00	39.27 2.08 0.00	37.95 2.05 0.00	38.30 2.13 0.00	38.13 2.09 0.00	38.49 2.21 0.00	39.39 2.40 0.00	42.57 2.79 0.00	48.47 3.38 0.00	56.86 4.07 0.00	66.04 4.72 0.00	59.00 3.88 -5.96	48.01 3.16 -3.79	41.36 2.65 -0.91	39.51 2.21 -2.22
CE_NYC2_DRP 24202	39.72 1.78 0.00	37.66 1.76 0.00	37.16 1.80 0.00	37.34 1.85 0.00	37.55 1.82 0.00	42.33 2.05 0.00	58.81 3.64 0.00	67.40 4.88 0.00	55.40 4.04 -0.26	46.46 3.09 -0.48	40.57 2.75 -0.64	39.32 2.73 -0.69	39.66 2.82 -0.67	39.46 2.74 -0.68	40.31 2.83 -1.20	41.89 3.07 -1.83	46.04 3.50 -2.75	51.91 4.19 -2.63	57.76 4.96 0.00	66.89 5.58 0.00	59.83 4.62 -6.05	48.69 3.78 -3.85	41.95 3.21 -0.92	40.11 2.77 -2.25
CE_NYC_DRP 24195	39.57 1.63 0.00	37.55 1.65 0.00	37.02 1.66 0.00	37.20 1.70 0.00	37.41 1.68 0.00	42.25 1.97 0.00	58.75 3.59 0.00	67.27 4.75 0.00	54.99 3.88 0.00	45.85 2.96 0.00	39.83 2.64 0.00	38.53 2.62 0.00	38.88 2.71 0.00	38.67 2.63 0.00	39.00 2.72 0.00	39.91 2.92 0.00	43.17 3.38 0.00	49.14 4.06 0.00	57.60 4.80 0.00	66.83 5.52 0.00	59.73 4.52 -6.05	48.56 3.65 -3.85	41.83 3.10 -0.92	39.97 2.63 -2.25
CHAFFEE___LFGE 323603	36.99 -0.95 0.00	34.78 -1.11 0.00	34.01 -1.34 0.00	34.04 -1.46 0.00	34.30 -1.43 0.00	38.23 -2.05 0.00	52.13 -3.03 0.00	57.58 -4.94 0.00	46.66 -4.45 0.00	39.72 -3.17 0.00	34.66 -2.53 0.00	33.65 -2.26 0.00	33.02 -3.15 0.00	33.23 -2.81 0.00	33.81 -2.47 0.00	34.44 -2.55 0.00	36.60 -3.18 0.00	40.57 -4.51 0.01	45.47 -5.28 2.05	50.76 -6.01 4.55	44.65 -5.21 -0.70	37.38 -4.39 -0.71	34.37 -3.51 -0.07	31.62 -3.61 -0.15
CHATEAUG_35_KV_LOAD 355732	38.13 0.19 0.00	36.18 0.29 0.00	35.71 0.35 0.00	35.85 0.35 0.00	36.09 0.36 0.00	40.76 0.48 0.00	55.89 0.72 0.00	62.83 0.31 0.00	51.57 0.46 0.00	43.28 0.39 0.00	37.52 0.33 0.00	35.98 0.07 0.00	36.17 0.00 0.00	35.93 -0.11 0.00	36.06 -0.22 0.00	36.77 -0.22 0.00	39.51 -0.28 0.00	44.68 -0.41 0.00	51.68 -1.11 0.00	59.66 -1.66 0.00	47.64 -1.52 0.00	39.58 -1.48 0.00	36.41 -1.40 0.00	34.06 -1.02 0.00
CHATEAUG_WT_PWR 323614	38.13 0.19 0.00	36.18 0.29 0.00	35.71 0.35 0.00	35.85 0.35 0.00	36.09 0.36 0.00	40.76 0.49 0.00	55.88 0.72 0.00	62.84 0.31 0.00	51.57 0.46 0.00	43.28 0.39 0.00	37.45 0.26 0.00	35.98 0.07 0.00	36.17 0.00 0.00	35.93 -0.11 0.00	36.10 -0.18 0.00	36.77 -0.22 0.00	39.51 -0.28 0.00	44.68 -0.41 0.00	51.74 -1.06 0.00	59.23 -2.08 0.00	47.69 -1.47 0.00	39.62 -1.44 0.00	36.48 -1.32 0.00	34.14 -0.95 0.00
CHAT_HIGH_FALL_HYD 323578	38.13 0.19 0.00	36.18 0.29 0.00	35.71 0.35 0.00	35.85 0.35 0.00	36.09 0.36 0.00	40.76 0.48 0.00	55.89 0.72 0.00	62.83 0.31 0.00	51.57 0.46 0.00	43.28 0.39 0.00	37.52 0.33 0.00	35.98 0.07 0.00	36.17 0.00 0.00	35.93 -0.11 0.00	36.06 -0.22 0.00	36.77 -0.22 0.00	39.51 -0.28 0.00	44.68 -0.41 0.00	51.68 -1.11 0.00	59.66 -1.66 0.00	47.64 -1.52 0.00	39.58 -1.48 0.00	36.41 -1.40 0.00	34.06 -1.02 0.00
CHAUTAUQUA___LFGE 323629	37.87 -0.08 0.00	35.47 -0.43 0.00	34.54 -0.81 0.00	34.58 -0.92 0.00	34.84 -0.89 0.00	38.75 -1.53 0.00	52.36 -2.81 0.00	57.64 -4.88 0.00	46.87 -4.24 0.00	39.97 -2.92 0.00	34.88 -2.31 0.00	33.90 -2.01 0.00	33.88 -2.28 0.01	34.12 -1.91 0.01	34.24 -2.03 0.01	34.62 -2.37 0.00	36.73 -3.06 0.00	40.77 -4.28 0.03	44.93 -4.80 3.06	49.44 -5.09 6.79	43.68 -4.28 1.21	37.65 -3.65 -0.24	34.67 -3.21 -0.08	32.09 -3.16 -0.16
CHERRYST_13_KV_LD 356241	39.69 1.75 0.00	37.66 1.76 0.00	37.09 1.73 0.00	37.27 1.77 0.00	37.52 1.79 0.00	42.37 2.09 0.00	58.92 3.75 0.00	67.52 5.00 0.00	55.20 4.09 0.00	46.02 3.13 0.00	39.94 2.75 0.00	38.64 2.73 0.00	38.99 2.82 0.00	38.81 2.77 0.00	39.14 2.87 0.00	40.06 3.07 0.00	43.29 3.50 0.00	49.32 4.24 0.00	57.81 5.02 0.00	67.02 5.70 0.00	59.88 4.67 -6.05	48.69 3.78 -3.85	41.91 3.18 -0.92	40.07 2.74 -2.25

CHESTROR_138KV_BK263 355645	38.93 0.99 0.00	36.94 1.04 0.00	36.42 1.06 0.00	36.60 1.10 0.00	36.80 1.07 0.00	41.57 1.29 0.00	57.54 2.37 0.00	65.65 3.13 0.00	53.51 2.40 0.00	44.69 1.80 0.00	38.71 1.52 0.00	37.42 1.51 0.00	37.76 1.59 0.00	37.55 1.51 0.00	37.91 1.63 0.00	38.80 1.81 0.00	41.94 2.15 0.00	47.65 2.57 0.00	55.96 3.17 0.00	65.06 3.74 0.00	57.77 3.05 -5.56	47.06 2.46 -3.54	40.74 2.08 -0.85	38.91 1.75 -2.07
CH_MIDHUDSON___DRP 24192	39.19 1.25 0.00	37.22 1.33 0.00	36.70 1.34 0.00	36.88 1.38 0.00	37.09 1.36 0.00	41.89 1.61 0.00	58.04 2.87 0.00	66.33 3.81 0.00	54.07 2.96 0.00	45.08 2.19 0.00	39.01 1.82 0.00	37.74 1.83 0.00	38.08 1.92 0.00	37.87 1.84 0.00	38.27 2.00 0.00	39.17 2.18 0.00	42.38 2.59 0.00	48.19 3.11 0.00	56.65 3.85 0.00	65.85 4.54 0.00	58.98 3.69 -6.13	47.96 3.00 -3.90	41.24 2.50 -0.94	39.47 2.10 -2.29
CH_MISC_IPPS 23765	39.38 1.44 0.00	37.37 1.47 0.00	36.84 1.48 0.00	37.06 1.56 0.00	37.27 1.54 0.00	42.09 1.81 0.00	58.37 3.20 0.00	66.71 4.19 0.00	54.28 3.17 0.00	45.34 2.44 0.00	39.23 2.04 0.00	37.88 1.97 0.00	38.26 2.10 0.00	38.02 1.98 0.00	38.42 2.14 0.00	39.43 2.44 0.00	42.61 2.83 0.00	48.42 3.34 0.00	56.91 4.12 0.00	66.28 4.96 0.00	59.14 3.98 -6.00	48.08 3.20 -3.81	41.41 2.68 -0.92	39.67 2.35 -2.23
CH_RES_BVR_FALLS 23983	37.83 -0.11 0.00	35.79 -0.11 0.00	35.29 -0.07 0.00	35.46 -0.04 0.00	35.70 -0.04 0.00	40.28 0.00 0.00	55.17 0.00 0.00	62.46 -0.06 0.00	51.11 0.00 0.00	42.89 0.00 0.00	37.15 -0.04 0.00	35.76 -0.14 0.00	35.95 -0.22 0.00	35.75 -0.29 0.00	35.95 -0.33 0.00	36.62 -0.37 0.00	39.31 -0.48 0.00	44.45 -0.63 0.00	51.79 -1.00 0.00	59.97 -1.35 0.00	48.13 -1.03 0.00	40.16 -0.90 0.00	36.98 -0.83 0.00	34.38 -0.70 0.00
CH_RES_NIAGARA 23895	36.35 -1.59 0.00	33.67 -2.23 0.00	33.02 -2.33 0.00	33.08 -2.41 0.00	33.34 -2.39 0.00	36.98 -3.30 0.00	49.60 -5.57 0.00	54.46 -8.07 0.00	44.57 -6.54 0.00	38.73 -4.16 0.00	34.03 -3.16 0.00	33.18 -2.73 0.00	33.58 -2.57 0.02	33.68 -2.34 0.02	33.61 -2.65 0.02	34.10 -2.89 0.00	35.93 -3.86 0.04	39.95 -5.09 0.04	43.04 -5.86 3.90	46.37 -6.32 8.63	41.49 -4.87 2.80	36.84 -4.06 0.16	34.17 -3.71 -0.07	31.83 -3.40 -0.15
CH_RES_SYRACUSE 23985	38.13 0.19 0.00	36.08 0.18 0.00	35.43 0.07 0.00	35.57 0.07 0.00	35.80 0.07 0.00	40.32 0.04 0.00	55.11 -0.06 0.00	62.21 -0.31 0.00	50.90 -0.20 0.00	42.76 -0.13 0.00	37.11 -0.07 0.00	35.91 0.00 0.00	36.20 0.04 0.00	36.07 0.04 0.00	36.28 0.00 0.00	36.88 -0.11 0.00	39.63 -0.16 0.00	44.86 -0.22 0.00	52.74 -0.05 0.00	61.25 -0.06 0.00	49.59 -0.15 -0.58	41.35 -0.08 -0.37	37.86 -0.04 -0.09	35.30 0.00 -0.22
CLINTON_WT_PWR 323605	38.13 0.19 0.00	36.18 0.29 0.00	35.71 0.35 0.00	35.85 0.35 0.00	36.09 0.36 0.00	40.76 0.49 0.00	55.88 0.72 0.00	62.84 0.31 0.00	51.57 0.46 0.00	43.28 0.39 0.00	37.45 0.26 0.00	35.98 0.07 0.00	36.17 0.00 0.00	35.93 -0.11 0.00	36.10 -0.18 0.00	36.77 -0.22 0.00	39.51 -0.28 0.00	44.68 -0.41 0.00	51.74 -1.06 0.00	59.23 -2.08 0.00	47.69 -1.47 0.00	39.62 -1.44 0.00	36.48 -1.32 0.00	34.14 -0.95 0.00
CLINTON___LFGE 323618	38.66 0.72 0.00	36.65 0.76 0.00	36.20 0.85 0.00	36.32 0.82 0.00	36.59 0.86 0.00	41.37 1.09 0.00	56.88 1.71 0.00	63.65 1.13 0.00	52.23 1.12 0.00	43.84 0.94 0.00	37.97 0.78 0.00	36.41 0.50 0.00	36.63 0.47 0.00	36.47 0.43 0.00	36.57 0.29 0.00	37.25 0.26 0.00	40.07 0.28 0.00	45.36 0.27 0.00	52.48 -0.31 0.00	59.84 -1.47 0.00	48.52 -0.64 0.00	40.16 -0.90 0.00	36.90 -0.91 0.00	34.62 -0.46 0.00
COBBLENY_34_KV_TB1 80064	36.99 -0.95 0.00	34.68 -1.22 0.00	33.98 -1.38 0.00	34.01 -1.49 0.00	34.30 -1.43 0.00	38.14 -2.13 0.00	52.13 -3.03 0.00	57.64 -4.88 0.00	46.56 -4.55 0.00	39.76 -3.13 0.00	34.69 -2.49 0.00	33.61 -2.30 0.00	33.02 -3.15 0.00	33.26 -2.77 0.00	33.85 -2.43 0.00	34.55 -2.44 0.00	36.69 -3.10 0.00	40.57 -4.51 0.01	45.47 -5.28 2.05	50.94 -5.82 4.55	44.65 -5.21 -0.70	37.38 -4.39 -0.71	34.29 -3.59 -0.07	31.52 -3.72 -0.15
COFFEEN___115KV_TB3 355620	37.98 0.04 0.00	35.93 0.04 0.00	35.39 0.04 0.00	35.64 0.14 0.00	35.88 0.14 0.00	40.68 0.40 0.00	56.05 0.88 0.00	63.33 0.81 0.00	51.16 0.05 0.00	42.68 -0.21 0.00	36.74 -0.45 0.00	35.30 -0.61 0.00	35.41 -0.76 0.00	35.39 -0.65 0.00	35.48 -0.80 0.00	36.14 -0.85 0.00	38.83 -0.95 0.00	44.36 -0.72 0.00	52.69 -0.11 0.00	61.68 0.37 0.00	49.45 0.00 -0.29	41.12 -0.12 -0.19	37.63 -0.23 -0.04	34.88 -0.32 -0.11
COLDSPRG_115KV_BK1 355956	38.24 0.30 0.00	35.75 -0.14 0.00	34.93 -0.42 0.00	34.97 -0.53 0.00	35.27 -0.46 0.00	39.19 -1.09 0.00	53.29 -1.88 0.00	58.83 -3.69 0.00	47.53 -3.58 0.00	40.62 -2.27 0.00	35.36 -1.82 0.00	34.22 -1.69 0.00	33.92 -2.24 0.00	34.20 -1.84 0.00	34.50 -1.78 0.00	35.06 -1.92 0.00	37.12 -2.67 0.01	41.02 -4.06 1.95	46.19 -4.65 4.34	51.95 -5.03 -0.68	45.42 -4.42 -0.68	38.01 -3.74 -0.07	34.71 -3.18 -0.07	32.00 -3.23 -0.15
COLONIE_LFGE___ 323577	39.04 1.10 0.00	37.04 1.15 0.00	36.59 1.24 0.00	36.71 1.21 0.00	37.02 1.28 0.00	41.77 1.49 0.00	57.59 2.42 0.00	65.65 3.12 0.00	53.41 2.30 0.00	44.61 1.72 0.00	38.52 1.34 0.00	37.16 1.26 0.00	37.40 1.23 0.00	37.30 1.26 0.00	37.73 1.45 0.00	38.73 1.74 0.00	41.82 2.03 0.00	47.61 2.52 0.00	56.01 3.22 0.00	65.24 3.93 0.00	59.85 3.15 -7.54	48.49 2.63 -4.80	41.15 2.19 -1.15	39.71 1.82 -2.81
COOPERNY_115KV_TB1 80082	38.70 0.76 0.00	36.69 0.79 0.00	36.13 0.78 0.00	36.31 0.82 0.00	36.52 0.79 0.00	41.21 0.93 0.00	56.88 1.71 0.00	64.83 2.31 0.00	52.85 1.74 0.00	44.22 1.33 0.00	38.30 1.12 0.00	37.02 1.11 0.00	37.32 1.16 0.00	37.15 1.12 0.00	37.48 1.20 0.00	38.32 1.33 0.00	41.34 1.55 0.00	46.98 1.89 0.00	55.12 2.32 0.00	64.07 2.76 0.00	55.95 2.26 -4.53	45.79 1.85 -2.88	40.05 1.55 -0.69	38.07 1.30 -1.69
COPENHAGEN_WT_PWR 323753	37.75 -0.19 0.00	35.72 -0.18 0.00	35.15 -0.21 0.00	35.43 -0.07 0.00	35.63 -0.11 0.00	40.40 0.12 0.00	55.56 0.39 0.00	62.84 0.31 0.00	50.90 -0.20 0.00	42.46 -0.43 0.00	36.59 -0.60 0.00	35.22 -0.68 0.00	35.33 -0.83 0.00	35.28 -0.76 0.00	35.41 -0.87 0.00	36.03 -0.96 0.00	38.72 -1.07 0.00	44.18 -0.90 0.00	52.32 -0.48 0.00	61.19 -0.12 0.00	49.07 -0.40 -0.30	40.84 -0.41 -0.19	37.40 -0.45 -0.05	34.67 -0.53 -0.11
CORNELL_____ 23752	38.93 0.99 0.00	36.79 0.90 0.00	36.17 0.81 0.00	36.28 0.78 0.00	36.52 0.79 0.00	41.16 0.89 0.00	56.44 1.27 0.00	63.71 1.19 0.00	51.93 0.82 0.00	43.54 0.64 0.00	37.67 0.48 0.00	36.37 0.47 0.00	36.57 0.40 -0.01	36.48 0.43 -0.01	36.72 0.44 -0.01	37.43 0.44 0.00	40.31 0.52 0.00	45.72 0.59 -0.05	62.48 1.06 -8.63	81.71 1.23 -19.16	54.39 0.84 -4.39	42.93 0.70 -1.17	38.96 0.60 -0.55	37.02 0.49 -1.44

CORONA_69_KV_TB1 355595	40.03 2.09 0.00	38.01 2.12 0.00	37.34 1.98 0.00	37.59 2.09 0.00	37.88 2.14 0.00	42.75 2.46 -0.02	59.21 4.03 -0.02	67.66 5.13 -0.02	55.31 4.19 -0.02	46.11 3.22 0.00	39.90 2.71 0.00	38.42 2.51 0.00	38.88 2.71 0.00	38.56 2.52 0.00	39.07 2.79 0.00	40.13 3.14 0.00	43.39 3.58 -0.02	52.60 4.15 -3.37	57.72 4.91 -0.02	85.09 5.58 -18.19	71.75 4.62 -17.97	60.07 3.86 -15.15	49.30 3.36 -8.13	40.33 2.98 -2.27
CORTLAND_115KV_TB3 80093	38.55 0.61 0.00	36.43 0.54 0.00	35.82 0.46 0.00	35.96 0.46 0.00	36.20 0.46 0.00	40.76 0.48 0.00	55.89 0.72 0.00	63.15 0.63 0.00	51.47 0.36 0.00	43.19 0.30 0.00	37.45 0.26 0.00	36.16 0.25 0.00	36.38 0.22 0.00	36.29 0.25 0.00	36.53 0.25 0.00	37.21 0.22 0.00	40.07 0.28 0.00	45.36 0.27 -0.01	55.38 0.58 -2.01	66.51 0.74 -4.46	51.11 0.49 -1.46	42.14 0.41 -0.67	38.40 0.34 -0.25	36.01 0.28 -0.65
COXSACKIE___GT 23611	39.53 1.59 0.00	37.55 1.65 0.00	37.05 1.70 0.00	37.24 1.74 0.00	37.52 1.79 0.00	42.37 2.09 0.00	58.48 3.31 0.00	66.40 3.88 0.00	53.61 2.50 0.00	44.56 1.67 0.00	38.23 1.04 0.00	36.77 0.86 0.00	37.10 0.94 0.00	37.04 1.01 0.00	37.55 1.27 0.00	38.50 1.52 0.00	41.74 1.95 0.00	47.61 2.52 0.00	56.33 3.54 0.00	65.85 4.54 0.00	59.02 2.80 -7.05	47.80 2.26 -4.49	40.63 1.74 -1.08	39.39 1.68 -2.63
CPV_VALLEY___CC1 323721	38.70 0.76 0.00	36.69 0.79 0.00	36.17 0.81 0.00	36.35 0.85 0.00	36.55 0.82 0.00	41.24 0.97 0.00	57.05 1.88 0.00	65.15 2.63 0.00	53.10 1.99 0.00	44.43 1.54 0.00	38.52 1.34 0.00	37.24 1.33 0.00	37.54 1.37 0.00	37.33 1.30 0.00	37.66 1.38 0.00	38.61 1.63 0.00	41.66 1.87 0.00	47.29 2.21 0.00	55.54 2.74 0.00	64.56 3.25 0.00	57.01 2.65 -5.19	46.50 2.13 -3.30	40.42 1.81 -0.79	38.56 1.54 -1.94
CPV_VALLEY___CC2 323722	38.70 0.76 0.00	36.69 0.79 0.00	36.17 0.81 0.00	36.35 0.85 0.00	36.55 0.82 0.00	41.24 0.97 0.00	57.05 1.88 0.00	65.15 2.63 0.00	53.10 1.99 0.00	44.43 1.54 0.00	38.52 1.34 0.00	37.24 1.33 0.00	37.54 1.37 0.00	37.33 1.30 0.00	37.66 1.38 0.00	38.61 1.63 0.00	41.66 1.87 0.00	47.29 2.21 0.00	55.54 2.74 0.00	64.56 3.25 0.00	57.01 2.65 -5.19	46.50 2.13 -3.30	40.42 1.81 -0.79	38.56 1.54 -1.94
CRESCENT___HYD 24018	39.04 1.10 0.00	37.04 1.15 0.00	36.59 1.24 0.00	36.71 1.21 0.00	37.02 1.28 0.00	41.77 1.49 0.00	57.59 2.42 0.00	65.65 3.12 0.00	53.41 2.30 0.00	44.61 1.72 0.00	38.52 1.34 0.00	37.16 1.26 0.00	37.40 1.23 0.00	37.30 1.26 0.00	37.73 1.45 0.00	38.73 1.74 0.00	41.82 2.03 0.00	47.61 2.52 0.00	56.01 3.22 0.00	65.24 3.93 0.00	59.85 3.15 -7.54	48.49 2.63 -4.80	41.15 2.19 -1.15	39.71 1.82 -2.81
CRICKET___VALLEY_CC1 323756	38.89 0.95 0.00	36.87 0.97 0.00	36.42 1.06 0.00	36.56 1.06 0.00	36.80 1.07 0.00	41.53 1.25 0.00	57.48 2.32 0.00	65.77 3.25 0.00	53.61 2.50 0.00	44.74 1.84 0.00	38.82 1.63 0.00	37.49 1.58 0.00	37.79 1.63 0.00	37.59 1.55 0.00	37.98 1.71 0.00	38.98 2.00 0.00	42.14 2.35 0.00	47.93 2.84 0.00	56.33 3.54 0.00	65.54 4.23 0.00	58.93 3.44 -6.33	47.92 2.83 -4.02	41.12 2.34 -0.97	39.37 1.93 -2.36
CRICKET___VALLEY_CC2 323757	38.89 0.95 0.00	36.87 0.97 0.00	36.42 1.06 0.00	36.56 1.06 0.00	36.80 1.07 0.00	41.53 1.25 0.00	57.48 2.32 0.00	65.77 3.25 0.00	53.61 2.50 0.00	44.74 1.84 0.00	38.82 1.63 0.00	37.49 1.58 0.00	37.79 1.63 0.00	37.59 1.55 0.00	37.98 1.71 0.00	38.98 2.00 0.00	42.14 2.35 0.00	47.93 2.84 0.00	56.33 3.54 0.00	65.54 4.23 0.00	58.93 3.44 -6.33	47.92 2.83 -4.02	41.12 2.34 -0.97	39.37 1.93 -2.36
CRICKET___VALLEY_CC3 323758	38.89 0.95 0.00	36.87 0.97 0.00	36.42 1.06 0.00	36.56 1.06 0.00	36.80 1.07 0.00	41.53 1.25 0.00	57.48 2.32 0.00	65.77 3.25 0.00	53.61 2.50 0.00	44.74 1.84 0.00	38.82 1.63 0.00	37.49 1.58 0.00	37.79 1.63 0.00	37.59 1.55 0.00	37.98 1.71 0.00	38.98 2.00 0.00	42.14 2.35 0.00	47.93 2.84 0.00	56.33 3.54 0.00	65.54 4.23 0.00	58.93 3.44 -6.33	47.92 2.83 -4.02	41.12 2.34 -0.97	39.37 1.93 -2.36
CRUCIBLE_METL_DRP 24180	38.13 0.19 0.00	36.04 0.14 0.00	35.43 0.07 0.00	35.57 0.07 0.00	35.80 0.07 0.00	40.32 0.04 0.00	55.06 -0.11 0.00	62.21 -0.31 0.00	50.90 -0.20 0.00	42.76 -0.13 0.00	37.15 -0.04 0.00	35.91 0.00 0.00	36.20 0.04 0.00	36.07 0.04 0.00	36.24 -0.04 0.00	36.91 -0.07 0.00	39.67 -0.12 0.00	44.86 -0.23 0.00	52.74 -0.05 0.00	61.19 -0.12 0.00	49.59 -0.15 -0.58	41.35 -0.08 -0.37	37.90 0.00 -0.09	35.30 0.00 -0.22
DAHOWA___HYDRO 323763	39.80 1.86 0.00	37.83 1.94 0.00	37.33 1.98 0.00	37.49 1.99 0.00	37.80 2.07 0.00	42.70 2.42 0.00	59.19 4.03 0.00	67.27 4.75 0.00	54.48 3.37 0.00	45.34 2.44 0.00	38.93 1.75 0.00	37.42 1.51 0.00	37.65 1.48 0.00	37.59 1.55 0.00	38.06 1.78 0.00	39.17 2.18 0.00	42.37 2.58 0.00	48.33 3.25 0.00	56.91 4.12 0.00	66.52 5.21 0.00	60.94 4.13 -7.65	49.25 3.32 -4.87	41.78 2.80 -1.17	40.32 2.39 -2.85
DANC___LFGE 323619	37.56 -0.38 0.00	35.54 -0.36 0.00	34.97 -0.39 0.00	35.18 -0.32 0.00	35.38 -0.36 0.00	40.04 -0.24 0.00	54.89 -0.27 0.00	62.09 -0.43 0.00	50.44 -0.67 0.00	42.21 -0.69 0.00	36.44 -0.74 0.00	35.15 -0.76 0.00	35.30 -0.87 0.00	35.24 -0.79 0.00	35.37 -0.91 0.00	35.99 -1.00 0.00	38.72 -1.07 0.00	44.05 -1.04 0.00	52.05 -0.74 0.00	60.70 -0.61 0.00	48.83 -0.69 -0.36	40.67 -0.61 -0.23	37.26 -0.61 -0.05	34.62 -0.60 -0.13
DANSKAMMER___1 23586	39.38 1.44 0.00	37.37 1.47 0.00	36.84 1.48 0.00	37.06 1.56 0.00	37.27 1.54 0.00	42.09 1.81 0.00	58.37 3.20 0.00	66.71 4.19 0.00	54.28 3.17 0.00	45.34 2.44 0.00	39.23 2.04 0.00	37.88 1.97 0.00	38.26 2.10 0.00	38.02 1.98 0.00	38.42 2.14 0.00	39.43 2.44 0.00	42.61 2.83 0.00	48.42 3.34 0.00	56.91 4.12 0.00	66.28 4.96 0.00	59.14 3.98 -6.00	48.08 3.20 -3.81	41.41 2.68 -0.92	39.67 2.35 -2.23
DANSKAMMER___2 23589	39.38 1.44 0.00	37.37 1.47 0.00	36.84 1.48 0.00	37.06 1.56 0.00	37.27 1.54 0.00	42.09 1.81 0.00	58.37 3.20 0.00	66.71 4.19 0.00	54.28 3.17 0.00	45.34 2.44 0.00	39.23 2.04 0.00	37.88 1.97 0.00	38.26 2.10 0.00	38.02 1.98 0.00	38.42 2.14 0.00	39.43 2.44 0.00	42.61 2.83 0.00	48.42 3.34 0.00	56.91 4.12 0.00	66.28 4.96 0.00	59.14 3.98 -6.00	48.08 3.20 -3.81	41.41 2.68 -0.92	39.67 2.35 -2.23
DANSKAMMER___3 23590	39.38 1.44 0.00	37.37 1.47 0.00	36.84 1.48 0.00	37.06 1.56 0.00	37.27 1.54 0.00	42.09 1.81 0.00	58.37 3.20 0.00	66.71 4.19 0.00	54.28 3.17 0.00	45.34 2.44 0.00	39.23 2.04 0.00	37.88 1.97 0.00	38.26 2.10 0.00	38.02 1.98 0.00	38.42 2.14 0.00	39.43 2.44 0.00	42.61 2.83 0.00	48.42 3.34 0.00	56.91 4.12 0.00	66.28 4.96 0.00	59.14 3.98 -6.00	48.08 3.20 -3.81	41.41 2.68 -0.92	39.67 2.35 -2.23

DANSKAMMER___4 23591	39.38 1.44 0.00	37.37 1.47 0.00	36.84 1.48 0.00	37.06 1.56 0.00	37.27 1.54 0.00	42.09 1.81 0.00	58.37 3.20 0.00	66.71 4.19 0.00	54.28 3.17 0.00	45.34 2.44 0.00	39.23 2.04 0.00	37.88 1.97 0.00	38.26 2.10 0.00	38.02 1.98 0.00	38.42 2.14 0.00	39.43 2.44 0.00	42.61 2.83 0.00	48.42 3.34 0.00	56.91 4.12 0.00	66.28 4.96 0.00	59.14 3.98 -6.00	48.08 3.20 -3.81	41.41 2.68 -0.92	39.67 2.35 -2.23
DANSKAMMER___DIESEL 23592	39.42 1.48 0.00	37.44 1.54 0.00	36.88 1.52 0.00	37.06 1.56 0.00	37.27 1.54 0.00	42.13 1.85 0.00	58.42 3.25 0.00	66.71 4.19 0.00	54.33 3.22 0.00	45.30 2.40 0.00	39.16 1.97 0.00	37.85 1.94 0.00	38.23 2.06 0.00	38.02 1.98 0.00	38.46 2.18 0.00	39.35 2.37 0.00	42.57 2.79 0.00	48.42 3.34 0.00	56.96 4.17 0.00	66.22 4.91 0.00	59.14 3.98 -6.00	48.08 3.20 -3.81	41.37 2.65 -0.92	39.63 2.32 -2.23
DARBY___SOLAR 323810	39.72 1.78 0.00	37.73 1.83 0.00	37.26 1.91 0.00	37.41 1.92 0.00	37.73 2.00 0.00	42.61 2.34 0.00	58.97 3.80 0.00	67.02 4.50 0.00	54.33 3.22 0.00	45.25 2.36 0.00	38.90 1.71 0.00	37.38 1.47 0.00	37.61 1.45 0.00	37.55 1.51 0.00	38.02 1.74 0.00	39.09 2.11 0.00	42.30 2.51 0.00	48.24 3.15 0.00	56.80 4.01 0.00	66.40 5.09 0.00	60.78 3.98 -7.64	49.16 3.24 -4.86	41.73 2.76 -1.17	40.24 2.31 -2.84
DASHVILLE___HYD 23610	39.15 1.21 0.00	37.19 1.29 0.00	36.66 1.31 0.00	36.85 1.35 0.00	37.05 1.32 0.00	41.85 1.57 0.00	57.93 2.76 0.00	66.15 3.63 0.00	53.87 2.76 0.00	44.91 2.02 0.00	38.82 1.64 0.00	37.52 1.62 0.00	37.86 1.70 0.00	37.69 1.66 0.00	38.09 1.81 0.00	38.98 2.00 0.00	42.14 2.35 0.00	47.97 2.89 0.00	56.44 3.64 0.00	65.55 4.23 0.00	58.15 2.80 -6.19	47.26 2.26 -3.94	40.53 1.78 -0.95	38.86 1.47 -2.31
DEERFIELD_69_KV_DEERFIELD LD 355887	40.29 2.35 0.00	38.30 2.41 0.00	37.51 2.16 0.00	37.91 2.41 0.00	38.31 2.57 0.00	43.47 3.18 -0.01	60.14 4.97 -0.01	68.78 6.25 -0.01	56.13 5.01 -0.01	46.80 3.90 0.00	40.38 3.20 0.00	38.82 2.91 0.00	39.46 3.29 0.00	38.99 2.96 0.00	39.51 3.23 0.00	40.69 3.70 0.00	43.98 4.18 -0.01	52.35 5.36 -1.90	59.03 6.23 -0.01	78.57 6.99 -10.26	67.88 5.95 -12.77	56.05 4.76 -10.22	46.58 3.78 -4.99	40.82 3.47 -2.26
DELAWARE___LFGE 323621	38.93 0.99 0.00	36.87 0.97 0.00	36.31 0.95 0.00	36.46 0.96 0.00	36.70 0.96 0.00	41.41 1.13 0.00	56.99 1.82 0.00	64.71 2.19 0.00	52.79 1.69 0.00	44.18 1.29 0.00	38.19 1.00 0.00	36.88 0.97 0.00	37.14 0.98 0.00	37.05 1.01 0.00	37.33 1.05 0.00	38.13 1.15 0.00	41.10 1.31 0.00	46.66 1.58 0.00	54.85 2.06 0.00	63.71 2.39 0.00	53.54 1.87 -2.51	44.18 1.52 -1.60	39.48 1.29 -0.38	37.10 1.09 -0.94
DERFIELD_115KV_TB7 355931	38.09 0.15 0.00	36.08 0.18 0.00	35.53 0.18 0.00	35.68 0.18 0.00	35.91 0.18 0.00	40.52 0.24 0.00	55.55 0.39 0.00	63.02 0.50 0.00	51.47 0.36 0.00	43.11 0.21 0.00	37.33 0.15 0.00	36.05 0.14 0.00	36.27 0.11 0.00	36.18 0.14 0.00	36.42 0.15 0.00	37.17 0.18 0.00	40.03 0.24 0.00	45.40 0.32 0.00	53.27 0.48 0.00	61.87 0.55 0.00	49.60 0.44 0.00	41.43 0.37 0.00	38.11 0.30 0.00	35.29 0.21 0.00
DOGLEVILLE___HYD 23807	38.40 0.46 0.00	36.36 0.47 0.00	35.89 0.53 0.00	36.06 0.57 0.00	36.30 0.57 0.00	41.00 0.73 0.00	56.27 1.10 0.00	63.71 1.18 0.00	51.57 0.46 0.00	42.81 -0.09 0.00	36.70 -0.48 0.00	35.19 -0.72 0.00	35.26 -0.90 0.00	35.03 -1.01 0.00	35.15 -1.12 0.00	35.80 -1.19 0.00	38.48 -1.31 0.00	43.64 -1.44 0.00	51.32 -1.48 0.00	59.72 -1.59 0.00	47.84 -1.33 0.00	39.95 -1.11 0.00	36.79 -1.02 0.00	34.03 -1.05 0.00
DUNKIRK___115KV_TB_200 55889	37.83 -0.11 0.00	35.29 -0.61 0.00	34.51 -0.85 0.00	34.54 -0.96 0.00	34.80 -0.93 0.00	38.63 -1.65 0.00	52.35 -2.81 0.00	57.71 -4.81 0.00	46.71 -4.40 0.00	40.10 -2.79 0.00	34.99 -2.19 0.00	33.97 -1.94 0.00	33.98 -2.17 0.01	34.19 -1.84 0.01	34.31 -1.96 0.01	34.84 -2.15 0.00	36.88 -2.90 0.00	40.91 -4.15 0.03	45.00 -4.70 3.10	49.48 -4.97 6.87	43.71 -4.18 1.27	37.76 -3.53 -0.23	34.75 -3.14 -0.08	32.19 -3.05 -0.16
DUNKIRK___1 23563	37.83 -0.11 0.00	35.29 -0.61 0.00	34.51 -0.85 0.00	34.54 -0.96 0.00	34.80 -0.93 0.00	38.63 -1.65 0.00	52.35 -2.81 0.00	57.71 -4.81 0.00	46.71 -4.40 0.00	40.10 -2.79 0.00	34.99 -2.19 0.00	33.97 -1.94 0.00	33.98 -2.17 0.01	34.19 -1.84 0.01	34.31 -1.96 0.01	34.84 -2.15 0.00	36.88 -2.90 0.00	40.91 -4.15 0.03	45.00 -4.70 3.10	49.48 -4.97 6.87	43.71 -4.18 1.27	37.76 -3.53 -0.23	34.75 -3.14 -0.08	32.19 -3.05 -0.16
DUNKIRK___2 23564	37.83 -0.11 0.00	35.29 -0.61 0.00	34.51 -0.85 0.00	34.54 -0.96 0.00	34.80 -0.93 0.00	38.63 -1.65 0.00	52.35 -2.81 0.00	57.71 -4.81 0.00	46.71 -4.40 0.00	40.10 -2.79 0.00	34.99 -2.19 0.00	33.97 -1.94 0.00	33.98 -2.17 0.01	34.19 -1.84 0.01	34.31 -1.96 0.01	34.84 -2.15 0.00	36.88 -2.90 0.00	40.91 -4.15 0.03	45.00 -4.70 3.10	49.48 -4.97 6.87	43.71 -4.18 1.27	37.76 -3.53 -0.23	34.75 -3.14 -0.08	32.19 -3.05 -0.16
DUNKIRK___3 23565	37.60 -0.34 0.00	35.14 -0.75 0.00	34.37 -0.99 0.00	34.40 -1.10 0.00	34.66 -1.07 0.00	38.51 -1.77 0.00	52.13 -3.03 0.00	57.46 -5.06 0.00	46.61 -4.50 0.00	40.06 -2.83 0.00	34.99 -2.19 0.00	33.97 -1.94 0.00	34.02 -2.13 0.01	34.22 -1.80 0.01	34.34 -1.92 0.01	34.88 -2.11 0.00	36.92 -2.86 0.00	40.95 -4.10 0.03	44.94 -4.65 3.21	49.24 -4.97 7.11	43.59 -4.13 1.44	37.76 -3.49 -0.19	34.78 -3.10 -0.08	32.23 -3.02 -0.16
DUNKIRK___4 23566	37.60 -0.34 0.00	35.14 -0.75 0.00	34.37 -0.99 0.00	34.40 -1.10 0.00	34.66 -1.07 0.00	38.51 -1.77 0.00	52.13 -3.03 0.00	57.46 -5.06 0.00	46.61 -4.50 0.00	40.06 -2.83 0.00	34.99 -2.19 0.00	33.97 -1.94 0.00	34.02 -2.13 0.01	34.22 -1.80 0.01	34.34 -1.92 0.01	34.88 -2.11 0.00	36.92 -2.86 0.00	40.95 -4.10 0.03	44.94 -4.65 3.21	49.24 -4.97 7.11	43.59 -4.13 1.44	37.76 -3.49 -0.19	34.78 -3.10 -0.08	32.23 -3.02 -0.16
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	39.46 1.52 0.00	37.44 1.54 0.00	36.91 1.56 0.00	37.10 1.60 0.00	37.30 1.57 0.00	42.13 1.85 0.00	58.53 3.37 0.00	66.96 4.44 0.00	54.69 3.58 0.00	45.60 2.70 0.00	39.53 2.34 0.00	38.24 2.33 0.00	38.59 2.42 0.00	38.42 2.38 0.00	38.75 2.47 0.00	39.65 2.66 0.00	42.89 3.10 0.00	48.83 3.74 0.00	57.28 4.49 0.00	66.53 5.21 0.00	59.49 4.28 -6.05	48.36 3.45 -3.85	41.64 2.91 -0.92	39.79 2.46 -2.25
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.15 1.21 0.00	37.15 1.26 0.00	36.59 1.24 0.00	36.78 1.28 0.00	36.98 1.25 0.00	41.81 1.53 0.00	57.93 2.76 0.00	66.15 3.63 0.00	53.87 2.76 0.00	44.95 2.06 0.00	38.90 1.71 0.00	37.63 1.72 0.00	37.94 1.77 0.00	37.77 1.73 0.00	38.13 1.85 0.00	39.02 2.03 0.00	42.22 2.43 0.00	48.01 2.93 0.00	56.38 3.59 0.00	65.61 4.29 0.00	58.46 3.49 -5.81	47.55 2.79 -3.69	41.00 2.31 -0.89	39.25 2.00 -2.16

E179THST_138_KV_TB4_REV_LBMP_J 345001	39.57 1.63 0.00	37.51 1.62 0.00	37.09 1.73 0.00	37.20 1.70 0.00	37.45 1.72 0.00	42.13 1.85 0.00	58.53 3.37 0.00	67.02 4.50 0.00	54.93 3.83 0.01	45.80 2.92 0.01	39.74 2.57 0.01	38.45 2.55 0.01	38.80 2.64 0.01	38.62 2.59 0.01	38.96 2.68 0.01	39.86 2.89 0.01	43.08 3.30 0.01	49.04 3.97 0.01	57.49 4.70 0.00	66.53 5.21 0.00	59.59 4.38 -6.05	48.48 3.57 -3.85	41.79 3.06 -0.92	40.04 2.70 -2.25
E179THST_13_KV_LOAD 356214	39.69 1.75 0.00	37.62 1.72 0.00	37.23 1.87 0.00	37.34 1.85 0.00	37.55 1.82 0.00	42.29 2.01 0.00	58.81 3.64 0.00	67.34 4.81 0.00	55.14 4.04 0.01	45.97 3.09 0.01	39.93 2.75 0.01	38.59 2.69 0.01	38.94 2.78 0.01	38.77 2.74 0.01	39.10 2.83 0.01	40.05 3.07 0.01	43.28 3.50 0.01	49.27 4.19 0.01	57.76 4.96 0.00	66.83 5.52 0.00	59.83 4.62 -6.05	48.69 3.78 -3.85	41.95 3.21 -0.92	40.18 2.84 -2.25
EAST HAMPTON___GT 23717	39.99 2.05 0.00	37.91 2.01 0.00	37.19 1.84 0.00	37.66 2.17 0.00	38.05 2.32 0.00	43.15 2.86 -0.01	59.81 4.63 -0.01	68.59 6.06 -0.01	56.02 4.91 -0.01	46.97 4.08 0.00	40.49 3.31 0.00	38.96 3.05 0.00	39.67 3.51 0.00	39.14 3.10 0.00	39.58 3.30 0.00	40.54 3.55 0.00	43.98 4.18 -0.01	52.39 5.41 -1.90	58.87 6.07 -0.01	78.20 6.62 -10.26	67.39 5.46 -12.77	55.55 4.27 -10.22	46.08 3.29 -4.99	40.47 3.12 -2.26
EAST RIVER___6 23660	39.57 1.63 0.00	37.55 1.65 0.00	37.02 1.66 0.00	37.20 1.70 0.00	37.41 1.68 0.00	42.17 1.89 0.00	58.75 3.58 0.00	67.34 4.81 0.00	54.99 3.88 0.00	45.94 3.05 0.00	39.98 2.79 0.00	38.60 2.69 0.00	38.99 2.82 0.00	38.74 2.70 0.00	39.03 2.76 0.00	40.13 3.14 0.00	43.29 3.50 0.00	49.19 4.10 0.00	57.70 4.91 0.00	66.89 5.58 0.00	59.78 4.57 -6.05	48.64 3.74 -3.85	41.91 3.18 -0.92	40.14 2.81 -2.25
EAST RIVER___7 23524	39.57 1.63 0.00	37.55 1.65 0.00	37.02 1.66 0.00	37.20 1.70 0.00	37.41 1.68 0.00	42.17 1.89 0.00	58.75 3.58 0.00	67.34 4.81 0.00	54.99 3.88 0.00	45.94 3.05 0.00	39.98 2.79 0.00	38.60 2.69 0.00	38.99 2.82 0.00	38.74 2.70 0.00	39.03 2.76 0.00	40.13 3.14 0.00	43.29 3.50 0.00	49.19 4.10 0.00	57.70 4.91 0.00	66.89 5.58 0.00	59.78 4.57 -6.05	48.64 3.74 -3.85	41.91 3.18 -0.92	40.14 2.81 -2.25
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	39.38 1.44 0.00	37.37 1.47 0.00	36.84 1.48 0.00	37.02 1.53 0.00	37.23 1.50 0.00	42.05 1.77 0.00	58.37 3.20 0.00	66.77 4.25 0.00	54.53 3.42 0.00	45.47 2.57 0.00	39.42 2.23 0.00	38.13 2.23 0.00	38.48 2.31 0.00	38.27 2.23 0.00	38.64 2.36 0.00	39.54 2.55 0.00	42.77 2.98 0.00	48.69 3.61 0.00	57.12 4.33 0.00	66.34 5.03 0.00	59.33 4.13 -6.04	48.23 3.33 -3.84	41.53 2.80 -0.92	39.68 2.35 -2.25
EAST_HAMPTON___DIESEL 23722	39.91 1.97 0.00	37.83 1.94 0.00	37.12 1.77 0.00	37.59 2.09 0.00	38.02 2.29 0.00	43.06 2.78 -0.01	59.75 4.58 -0.01	68.47 5.94 -0.01	55.97 4.86 -0.01	46.92 4.03 0.00	40.49 3.31 0.00	38.96 3.05 0.00	39.67 3.51 0.00	39.10 3.06 0.00	39.55 3.27 0.00	40.50 3.52 0.00	43.94 4.14 -0.01	52.35 5.36 -1.90	58.77 5.96 -0.01	78.08 6.50 -10.26	67.29 5.36 -12.77	55.43 4.15 -10.22	46.01 3.21 -4.99	40.40 3.05 -2.26
EAST_POINT___SOLAR 323840	40.48 2.54 0.00	38.41 2.51 0.00	37.83 2.47 0.00	38.02 2.52 0.00	38.38 2.64 0.00	43.46 3.18 0.00	60.14 4.97 0.00	67.46 4.94 0.00	54.02 2.91 0.00	44.22 1.33 0.00	37.86 0.67 0.00	36.30 0.40 0.00	37.03 0.87 0.00	36.90 0.86 0.00	36.86 0.58 0.00	38.17 1.18 0.00	41.78 1.99 0.00	48.42 3.34 0.00	57.28 4.48 0.00	67.14 5.83 0.00	62.16 4.47 -8.53	50.05 3.57 -5.42	42.10 2.99 -1.30	40.82 2.56 -3.18
EAST_PULASKI___ESR 323781	37.49 -0.45 0.00	35.47 -0.43 0.00	34.90 -0.46 0.00	35.04 -0.46 0.00	35.27 -0.47 0.00	39.80 -0.48 0.00	54.45 -0.72 0.00	61.52 -1.00 0.00	50.19 -0.92 0.00	42.08 -0.82 0.00	36.44 -0.74 0.00	35.22 -0.68 0.00	35.44 -0.72 0.00	35.35 -0.69 0.00	35.52 -0.76 0.00	36.10 -0.89 0.00	38.83 -0.96 0.00	44.09 -0.99 0.00	51.90 -0.90 0.00	60.46 -0.86 0.00	48.78 -0.79 -0.41	40.66 -0.66 -0.26	37.26 -0.61 -0.06	34.67 -0.56 -0.15
EAST_RIVER___1 323558	39.57 1.63 0.00	37.51 1.62 0.00	36.98 1.63 0.00	37.17 1.67 0.00	37.41 1.68 0.00	42.17 1.89 0.00	58.70 3.53 0.00	67.27 4.75 0.00	54.94 3.84 0.00	45.89 3.00 0.00	39.94 2.75 0.00	38.56 2.66 0.00	38.95 2.78 0.00	38.67 2.63 0.00	39.00 2.72 0.00	40.06 3.07 0.00	43.21 3.42 0.00	49.14 4.06 0.00	57.60 4.80 0.00	66.89 5.58 0.00	59.73 4.52 -6.05	48.61 3.70 -3.85	41.91 3.18 -0.92	40.11 2.77 -2.25
EAST_RIVER___2 323559	39.57 1.63 0.00	37.55 1.65 0.00	37.02 1.66 0.00	37.20 1.70 0.00	37.41 1.68 0.00	42.17 1.89 0.00	58.75 3.58 0.00	67.34 4.81 0.00	54.99 3.88 0.00	45.94 3.05 0.00	39.98 2.79 0.00	38.60 2.69 0.00	38.99 2.82 0.00	38.74 2.70 0.00	39.03 2.76 0.00	40.13 3.14 0.00	43.29 3.50 0.00	49.19 4.10 0.00	57.70 4.91 0.00	66.89 5.58 0.00	59.78 4.57 -6.05	48.64 3.74 -3.85	41.91 3.18 -0.92	40.14 2.81 -2.25
EAST___DELAWARE_HYD 23607	39.27 1.33 0.00	37.26 1.36 0.00	36.73 1.38 0.00	36.95 1.46 0.00	37.12 1.39 0.00	41.97 1.69 0.00	58.20 3.03 0.00	66.34 3.81 0.00	53.92 2.81 0.00	45.04 2.14 0.00	38.86 1.67 0.00	37.49 1.58 0.00	37.87 1.70 0.00	37.66 1.62 0.00	38.06 1.78 0.00	39.02 2.03 0.00	42.18 2.39 0.00	47.93 2.84 0.00	56.43 3.64 0.00	65.73 4.42 0.00	58.08 3.44 -5.48	47.34 2.79 -3.48	40.95 2.31 -0.84	39.23 2.10 -2.04
EIGHT_POINT___WT_PWR 323820	38.47 0.53 0.00	36.18 0.29 0.00	35.39 0.04 0.00	35.36 -0.14 0.00	35.59 -0.14 0.00	39.88 -0.40 0.00	54.34 -0.83 0.00	60.27 -2.25 0.00	48.91 -2.20 0.00	40.83 -2.06 0.00	34.92 -2.27 0.00	33.54 -2.37 0.00	33.57 -2.68 -0.08	33.38 -2.74 -0.08	33.60 -2.76 -0.08	33.88 -3.11 0.00	36.21 -3.58 0.00	41.17 -4.06 -0.15	55.56 -4.43 -7.21	72.04 -5.15 -15.88	60.27 -4.28 -15.38	41.42 -3.57 -3.93	34.45 -3.37 -0.01	31.78 -3.26 0.04
ELBRIDGE_115KV_TB2 80188	37.90 -0.04 0.00	35.82 -0.07 0.00	35.25 -0.11 0.00	35.36 -0.14 0.00	35.59 -0.14 0.00	40.08 -0.20 0.00	54.73 -0.44 0.00	61.83 -0.69 0.00	50.55 -0.56 0.00	42.51 -0.39 0.00	36.89 -0.30 0.00	35.69 -0.22 0.00	35.95 -0.22 0.00	35.82 -0.22 0.00	36.02 -0.25 0.00	36.65 -0.33 0.00	39.39 -0.40 0.00	44.59 -0.50 0.00	52.37 -0.42 0.00	60.82 -0.49 0.00	49.34 -0.44 -0.62	41.12 -0.33 -0.39	37.64 -0.26 -0.09	35.10 -0.21 -0.23
ELEC_TRO_TEK 24086	39.84 1.90 0.00	37.83 1.94 0.00	37.19 1.84 0.00	37.42 1.92 0.00	37.73 2.00 0.00	42.55 2.26 -0.02	58.94 3.75 -0.02	67.41 4.88 -0.02	55.06 3.94 -0.02	45.94 3.05 0.00	39.75 2.57 0.00	38.31 2.41 0.00	38.73 2.57 0.00	38.45 2.41 0.00	38.96 2.68 0.00	39.98 3.00 0.00	43.23 3.42 -0.02	52.37 3.97 -3.32	57.51 4.70 -0.02	84.59 5.33 -17.94	71.39 4.42 -17.80	59.71 3.65 -14.99	49.01 3.18 -8.03	40.12 2.77 -2.27

ELLENBURG_WT_PWR 323604	38.13 0.19 0.00	36.18 0.29 0.00	35.71 0.35 0.00	35.85 0.35 0.00	36.09 0.36 0.00	40.76 0.49 0.00	55.88 0.72 0.00	62.84 0.31 0.00	51.57 0.46 0.00	43.28 0.39 0.00	37.45 0.26 0.00	35.98 0.07 0.00	36.17 0.00 0.00	35.93 -0.11 0.00	36.10 -0.18 0.00	36.77 -0.22 0.00	39.51 -0.28 0.00	44.68 -0.41 0.00	51.74 -1.06 0.00	59.23 -2.08 0.00	47.69 -1.47 0.00	39.62 -1.44 0.00	36.48 -1.32 0.00	34.14 -0.95 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	37.07 -0.87 0.00	34.57 -1.33 0.00	33.91 -1.45 0.00	33.94 -1.56 0.00	34.20 -1.54 0.00	37.94 -2.34 0.00	51.09 -4.08 0.00	56.21 -6.31 0.00	45.90 -5.21 0.00	39.76 -3.13 0.00	34.88 -2.31 0.00	33.93 -1.97 0.00	34.20 -1.95 0.02	34.36 -1.66 0.02	34.34 -1.92 0.02	34.81 -2.18 0.00	36.77 -3.02 0.00	40.76 -4.28 0.04	44.30 -4.86 3.64	48.04 -5.21 8.06	42.71 -4.13 2.32	37.53 -3.49 0.04	34.74 -3.14 -0.07	32.26 -2.98 -0.16
EMPIRE_CC_1 323656	38.51 0.57 0.00	36.54 0.65 0.00	36.10 0.74 0.00	36.24 0.75 0.00	36.48 0.75 0.00	41.08 0.81 0.00	56.49 1.32 0.00	64.46 1.94 0.00	52.59 1.48 0.00	44.09 1.20 0.00	38.00 0.82 0.00	36.70 0.79 0.00	36.96 0.79 0.00	36.83 0.79 0.00	37.37 1.09 0.00	38.25 1.26 0.00	41.26 1.47 0.00	46.93 1.85 0.00	55.17 2.38 0.00	64.08 2.76 0.00	58.54 2.26 -7.12	47.56 1.97 -4.53	40.52 1.62 -1.09	39.10 1.37 -2.65
EMPIRE_CC_2 323658	38.51 0.57 0.00	36.54 0.65 0.00	36.10 0.74 0.00	36.24 0.75 0.00	36.48 0.75 0.00	41.08 0.81 0.00	56.49 1.32 0.00	64.46 1.94 0.00	52.59 1.48 0.00	44.09 1.20 0.00	38.00 0.82 0.00	36.70 0.79 0.00	36.96 0.79 0.00	36.83 0.79 0.00	37.37 1.09 0.00	38.25 1.26 0.00	41.26 1.47 0.00	46.93 1.85 0.00	55.17 2.38 0.00	64.08 2.76 0.00	58.54 2.26 -7.12	47.56 1.97 -4.53	40.52 1.62 -1.09	39.10 1.37 -2.65
ENORWICH_115KV_TB1 80156	40.90 2.96 0.00	38.70 2.80 0.00	38.04 2.69 0.00	38.20 2.70 0.00	38.41 2.68 0.00	43.42 3.14 0.00	59.97 4.80 0.00	67.59 5.06 0.00	54.58 3.48 0.00	45.38 2.49 0.00	38.86 1.67 0.00	37.34 1.44 0.00	37.51 1.34 0.00	37.52 1.48 0.00	37.66 1.38 0.00	38.36 1.37 0.00	41.30 1.51 0.00	47.00 1.89 -0.02	58.68 2.85 -3.04	71.49 3.43 -6.74	54.50 2.21 -3.13	44.15 1.77 -1.33	39.75 1.55 -0.39	37.36 1.30 -0.98
ERIE_ST__34_KV_TB1-2 80199	37.26 -0.68 0.00	34.86 -1.04 0.00	34.15 -1.20 0.00	34.15 -1.35 0.00	34.45 -1.29 0.00	38.22 -2.05 0.00	51.75 -3.42 0.00	57.08 -5.44 0.00	46.41 -4.70 0.00	40.02 -2.87 0.00	35.03 -2.16 0.00	34.04 -1.87 0.00	33.77 -2.39 0.01	34.01 -2.02 0.01	34.38 -1.89 0.01	34.99 -2.00 0.00	37.00 -2.79 0.00	40.86 -4.19 0.03	44.57 -4.80 3.42	48.46 -5.27 7.58	42.84 -4.52 1.80	37.34 -3.82 -0.10	34.71 -3.18 -0.07	31.98 -3.26 -0.16
ERIE_WT_PWR 323693	37.37 -0.57 0.00	35.00 -0.90 0.00	34.15 -1.20 0.00	34.19 -1.31 0.00	34.45 -1.28 0.00	38.39 -1.89 0.00	51.47 -3.70 0.00	56.58 -5.94 0.00	46.41 -4.70 0.00	39.89 -3.00 0.00	34.96 -2.23 0.00	34.11 -1.79 0.00	34.31 -1.84 0.02	34.51 -1.51 0.02	34.56 -1.70 0.02	34.77 -2.22 0.00	36.80 -2.98 0.00	40.90 -4.15 0.04	44.61 -4.70 3.48	48.64 -4.96 7.71	43.01 -4.13 2.02	37.61 -3.49 -0.04	34.78 -3.10 -0.08	32.26 -2.98 -0.16
ESPRGFLD_115KV_TB1 80157	39.72 1.78 0.00	37.62 1.72 0.00	37.02 1.66 0.00	37.20 1.70 0.00	37.48 1.75 0.00	42.41 2.13 0.00	58.64 3.48 0.00	66.27 3.75 0.00	53.71 2.61 0.00	44.65 1.76 0.00	38.45 1.26 0.00	37.02 1.11 0.00	37.39 1.23 0.00	37.33 1.30 0.00	37.51 1.23 0.00	38.43 1.44 0.00	41.54 1.75 0.00	47.47 2.39 0.00	55.96 3.17 0.00	65.24 3.92 0.00	51.67 2.95 0.44	43.16 2.38 0.28	39.71 1.97 0.07	36.57 1.65 0.16
ETNA_115_KV_TB1_REV_LBMP_C 345029	38.85 0.91 0.00	36.76 0.86 0.00	36.10 0.74 0.00	36.24 0.75 0.00	36.48 0.75 0.00	41.08 0.81 0.00	56.38 1.21 0.00	63.65 1.13 0.00	51.87 0.77 0.00	43.45 0.56 0.00	37.60 0.41 0.00	36.30 0.39 0.00	36.53 0.36 -0.01	36.44 0.40 -0.01	36.65 0.36 -0.01	37.36 0.37 0.00	40.27 0.48 0.00	45.67 0.54 -0.04	60.69 0.95 -6.95	77.85 1.10 -15.44	53.73 0.74 -3.83	42.79 0.62 -1.11	38.85 0.57 -0.48	36.79 0.46 -1.25
ETNA____115KV_TB2 80207	38.85 0.91 0.00	36.76 0.86 0.00	36.10 0.74 0.00	36.24 0.75 0.00	36.48 0.75 0.00	41.08 0.81 0.00	56.38 1.21 0.00	63.65 1.13 0.00	51.87 0.77 0.00	43.45 0.56 0.00	37.60 0.41 0.00	36.30 0.39 0.00	36.53 0.36 -0.01	36.44 0.40 -0.01	36.65 0.36 -0.01	37.36 0.37 0.00	40.27 0.48 0.00	45.67 0.54 -0.04	60.69 0.95 -6.95	77.85 1.10 -15.44	53.73 0.74 -3.83	42.79 0.62 -1.11	38.85 0.57 -0.48	36.79 0.46 -1.25
EUCLID____115KV_TB2 356179	37.68 -0.27 0.00	35.61 -0.29 0.00	35.00 -0.35 0.00	35.14 -0.35 0.00	35.41 -0.32 0.00	39.88 -0.40 0.00	54.40 -0.77 0.00	61.46 -1.06 0.00	50.19 -0.92 0.00	42.25 -0.64 0.00	36.70 -0.48 0.00	35.51 -0.39 0.00	35.80 -0.36 0.00	35.68 -0.36 0.00	35.84 -0.44 0.00	36.47 -0.52 0.00	39.19 -0.60 0.00	44.36 -0.72 0.00	52.11 -0.69 0.00	60.52 -0.80 0.00	48.95 -0.69 -0.48	40.83 -0.53 -0.31	37.47 -0.42 -0.07	34.91 -0.35 -0.18
E_CANADA_CAP_HY 24051	39.91 1.97 0.00	37.87 1.97 0.00	37.30 1.94 0.00	37.45 1.95 0.00	37.77 2.04 0.00	42.78 2.50 0.00	59.25 4.08 0.00	66.83 4.31 0.00	53.81 2.71 0.00	44.56 1.67 0.00	38.27 1.08 0.00	36.77 0.86 0.00	37.21 1.05 0.00	37.12 1.08 0.00	37.33 1.05 0.00	38.39 1.41 0.00	41.66 1.87 0.00	47.83 2.75 0.00	56.49 3.69 0.00	66.10 4.79 0.00	61.74 3.69 -8.90	49.63 2.92 -5.66	41.59 2.42 -1.36	40.47 2.07 -3.31
E_CANADA_MHWK_HY 24050	38.40 0.46 0.00	36.36 0.47 0.00	35.89 0.53 0.00	36.06 0.57 0.00	36.30 0.57 0.00	41.00 0.73 0.00	56.27 1.10 0.00	63.71 1.18 0.00	51.57 0.46 0.00	42.81 -0.09 0.00	36.70 -0.48 0.00	35.19 -0.72 0.00	35.26 -0.90 0.00	35.03 -1.01 0.00	35.15 -1.12 0.00	35.80 -1.19 0.00	38.48 -1.31 0.00	43.64 -1.44 0.00	51.32 -1.48 0.00	59.72 -1.59 0.00	47.84 -1.33 0.00	39.95 -1.11 0.00	36.79 -1.02 0.00	34.03 -1.05 0.00
E_FISHKILL____LBMP 23776	39.15 1.21 0.00	37.15 1.26 0.00	36.63 1.27 0.00	36.81 1.31 0.00	37.02 1.29 0.00	41.81 1.53 0.00	57.87 2.70 0.00	66.21 3.69 0.00	54.02 2.91 0.00	45.04 2.14 0.00	39.05 1.86 0.00	37.77 1.87 0.00	38.08 1.92 0.00	37.87 1.84 0.00	38.24 1.96 0.00	39.13 2.15 0.00	42.34 2.55 0.00	48.15 3.07 0.00	56.54 3.75 0.00	65.67 4.35 0.00	58.90 3.59 -6.15	47.88 2.92 -3.91	41.20 2.46 -0.94	39.41 2.03 -2.29
FALCON____SEABRD_CC1 323796	38.32 0.38 0.00	36.36 0.47 0.00	35.89 0.53 0.00	36.03 0.53 0.00	36.30 0.57 0.00	41.00 0.73 0.00	56.27 1.10 0.00	62.90 0.38 0.00	51.82 0.72 0.00	43.49 0.60 0.00	37.67 0.48 0.00	36.16 0.25 0.00	36.35 0.18 0.00	36.15 0.11 0.00	36.28 0.00 0.00	36.95 -0.04 0.00	39.75 -0.04 0.00	44.95 -0.13 0.00	52.00 -0.79 0.00	59.17 -2.15 0.00	48.03 -1.13 0.00	39.83 -1.23 0.00	36.60 -1.21 0.00	34.41 -0.67 0.00

FALCON___SEABRD_CC2 323797	38.32 0.38 0.00	36.36 0.47 0.00	35.89 0.53 0.00	36.03 0.53 0.00	36.30 0.57 0.00	41.00 0.73 0.00	56.27 1.10 0.00	62.90 0.38 0.00	51.82 0.72 0.00	43.49 0.60 0.00	37.67 0.48 0.00	36.16 0.25 0.00	36.35 0.18 0.00	36.15 0.11 0.00	36.28 0.00 0.00	36.95 -0.04 0.00	39.75 -0.04 0.00	44.95 -0.13 0.00	52.00 -0.79 0.00	59.17 -2.15 0.00	48.03 -1.13 0.00	39.83 -1.23 0.00	36.60 -1.21 0.00	34.41 -0.67 0.00
FAR ROCKAWAY___4 23548	40.29 2.35 0.00	38.27 2.37 0.00	37.58 2.23 0.00	37.84 2.34 0.00	38.13 2.39 0.00	43.03 2.74 -0.01	59.65 4.47 -0.01	68.16 5.63 -0.01	55.67 4.55 -0.01	46.41 3.52 0.00	40.12 2.94 0.00	38.67 2.76 0.00	39.13 2.97 0.00	38.78 2.74 0.00	39.33 3.05 0.00	40.35 3.37 0.00	43.66 3.86 -0.01	52.63 4.51 -3.04	58.14 5.33 -0.01	83.82 6.07 -16.44	70.99 5.01 -16.82	59.31 4.19 -14.06	48.91 3.67 -7.43	40.58 3.23 -2.27
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	39.57 1.63 0.00	37.55 1.65 0.00	37.02 1.66 0.00	37.20 1.70 0.00	37.41 1.68 0.00	42.25 1.97 0.00	58.70 3.53 0.00	67.27 4.75 0.00	54.99 3.88 0.00	45.85 2.96 0.00	39.79 2.60 0.00	38.49 2.59 0.00	38.84 2.68 0.00	38.67 2.63 0.00	39.00 2.72 0.00	39.91 2.92 0.00	43.13 3.34 0.00	49.10 4.01 0.00	57.60 4.80 0.00	66.77 5.46 0.00	59.73 4.52 -6.05	48.56 3.65 -3.85	41.79 3.06 -0.92	39.97 2.63 -2.25
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	39.57 1.63 0.00	37.55 1.65 0.00	37.02 1.66 0.00	37.20 1.70 0.00	37.41 1.68 0.00	42.25 1.97 0.00	58.70 3.53 0.00	67.27 4.75 0.00	54.99 3.88 0.00	45.85 2.96 0.00	39.79 2.60 0.00	38.49 2.59 0.00	38.84 2.68 0.00	38.67 2.63 0.00	39.00 2.72 0.00	39.91 2.92 0.00	43.13 3.34 0.00	49.10 4.01 0.00	57.60 4.80 0.00	66.77 5.46 0.00	59.73 4.52 -6.05	48.56 3.65 -3.85	41.83 3.10 -0.92	39.97 2.63 -2.25
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	39.53 1.59 0.00	37.55 1.65 0.00	36.98 1.63 0.00	37.17 1.67 0.00	37.41 1.68 0.00	42.21 1.93 0.00	58.70 3.53 0.00	67.21 4.69 0.00	54.94 3.83 0.00	45.81 2.92 0.00	39.79 2.60 0.00	38.49 2.59 0.00	38.84 2.68 0.00	38.63 2.59 0.00	38.96 2.68 0.00	39.87 2.89 0.00	43.13 3.34 0.00	49.10 4.01 0.00	57.54 4.75 0.00	66.71 5.40 0.00	59.69 4.47 -6.05	48.52 3.61 -3.85	41.79 3.06 -0.92	39.97 2.63 -2.25
FARRAGUT___LBMP 323566	39.53 1.59 0.00	37.51 1.62 0.00	36.98 1.63 0.00	37.17 1.67 0.00	37.38 1.64 0.00	42.17 1.89 0.00	58.64 3.48 0.00	67.15 4.63 0.00	54.89 3.78 0.00	45.77 2.87 0.00	39.75 2.57 0.00	38.46 2.55 0.00	38.81 2.64 0.00	38.60 2.56 0.00	38.93 2.65 0.00	39.84 2.85 0.00	43.09 3.30 0.00	49.05 3.97 0.00	57.49 4.70 0.00	66.71 5.40 0.00	59.64 4.42 -6.05	48.52 3.61 -3.85	41.76 3.02 -0.92	39.93 2.60 -2.25
FENNER___WINDPWR 24204	38.74 0.80 0.00	36.65 0.76 0.00	36.06 0.71 0.00	36.24 0.75 0.00	36.48 0.75 0.00	41.16 0.89 0.00	56.49 1.32 0.00	63.89 1.37 0.00	52.08 0.97 0.00	43.62 0.73 0.00	37.74 0.56 0.00	36.41 0.50 0.00	36.67 0.51 0.00	36.58 0.54 0.00	36.79 0.51 0.00	37.50 0.52 0.00	40.35 0.56 0.00	45.77 0.68 -0.01	55.05 1.11 -1.15	65.21 1.35 -2.55	51.02 0.93 -0.93	42.24 0.74 -0.44	38.65 0.68 -0.16	36.05 0.56 -0.41
FIBERTEK___ENERGY 23856	38.13 0.19 0.00	36.04 0.14 0.00	35.43 0.07 0.00	35.57 0.07 0.00	35.80 0.07 0.00	40.32 0.04 0.00	55.06 -0.11 0.00	62.21 -0.31 0.00	50.90 -0.20 0.00	42.76 -0.13 0.00	37.15 -0.04 0.00	35.91 0.00 0.00	36.20 0.04 0.00	36.07 0.04 0.00	36.24 -0.04 0.00	36.91 -0.07 0.00	39.67 -0.12 0.00	44.86 -0.23 0.00	52.74 -0.05 0.00	61.19 -0.12 0.00	49.59 -0.15 -0.58	41.35 -0.08 -0.37	37.90 0.00 -0.09	35.30 0.00 -0.22
FITZPATRICK____ 23598	37.22 -0.72 0.00	35.18 -0.72 0.00	34.61 -0.74 0.00	34.75 -0.75 0.00	34.95 -0.79 0.00	39.35 -0.92 0.00	53.68 -1.49 0.00	60.65 -1.87 0.00	49.47 -1.64 0.00	41.61 -1.29 0.00	36.11 -1.08 0.00	34.94 -0.97 0.00	35.19 -0.97 0.00	35.10 -0.94 0.00	35.30 -0.98 0.00	35.84 -1.15 0.00	38.51 -1.27 0.00	43.69 -1.40 0.00	51.26 -1.53 0.00	59.60 -1.72 0.00	48.12 -1.38 -0.33	40.16 -1.11 -0.21	36.95 -0.91 -0.05	34.40 -0.81 -0.12
FLOWRFLD_69_KV_BK1 356044	40.41 2.47 0.00	38.41 2.51 0.00	37.65 2.30 0.00	37.98 2.48 0.00	38.34 2.61 0.00	43.43 3.14 -0.01	60.03 4.85 -0.01	68.59 6.06 -0.01	55.92 4.80 -0.01	46.58 3.69 0.00	40.24 3.05 0.00	38.67 2.76 0.00	39.20 3.04 0.00	38.85 2.81 0.00	39.40 3.12 0.00	40.58 3.59 0.00	43.90 4.10 -0.01	52.13 5.14 -1.90	58.87 6.07 -0.01	78.41 6.81 -10.29	67.70 5.75 -12.79	56.14 4.85 -10.24	46.89 4.08 -5.00	40.92 3.58 -2.26
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	39.46 1.52 0.00	37.48 1.58 0.00	36.95 1.59 0.00	37.13 1.63 0.00	37.30 1.57 0.00	42.21 1.93 0.00	58.53 3.37 0.00	66.83 4.31 0.00	54.43 3.32 0.00	45.38 2.49 0.00	39.19 2.01 0.00	37.88 1.97 0.00	38.26 2.10 0.00	38.09 2.05 0.00	38.49 2.21 0.00	39.43 2.44 0.00	42.65 2.86 0.00	48.51 3.43 0.00	57.02 4.22 0.00	66.34 5.03 0.00	59.26 4.08 -6.02	48.18 3.28 -3.83	41.45 2.72 -0.92	39.68 2.35 -2.24
FORT ORANGE____ 23900	38.51 0.57 0.00	36.54 0.65 0.00	36.06 0.71 0.00	36.21 0.71 0.00	36.48 0.75 0.00	41.08 0.81 0.00	56.55 1.38 0.00	64.39 1.87 0.00	52.43 1.33 0.00	43.84 0.94 0.00	37.93 0.74 0.00	36.59 0.68 0.00	36.85 0.69 0.00	36.72 0.68 0.00	37.15 0.87 0.00	38.06 1.07 0.00	41.06 1.27 0.00	46.70 1.62 0.00	54.96 2.17 0.00	63.95 2.63 0.00	58.55 2.02 -7.37	47.39 1.64 -4.69	40.29 1.36 -1.13	38.98 1.16 -2.75
FORT_DRUM_COGEN 23780	37.75 -0.19 0.00	35.72 -0.18 0.00	35.14 -0.21 0.00	35.43 -0.07 0.00	35.66 -0.07 0.00	40.44 0.16 0.00	55.66 0.50 0.00	62.96 0.44 0.00	50.95 -0.15 0.00	42.55 -0.34 0.00	36.63 -0.56 0.00	35.22 -0.68 0.00	35.30 -0.87 0.00	35.28 -0.76 0.00	35.37 -0.91 0.00	36.03 -0.96 0.00	38.71 -1.07 0.00	44.14 -0.95 0.00	52.32 -0.48 0.00	61.19 -0.12 0.00	49.05 -0.39 -0.28	40.79 -0.45 -0.18	37.36 -0.49 -0.04	34.66 -0.53 -0.10
FOX_HILLS___ESR 323835	56.51 2.01 -16.56	55.85 2.01 -17.95	45.03 2.02 -7.65	42.26 2.06 -4.70	49.35 2.04 -11.58	55.91 2.30 -13.34	59.09 3.92 -0.01	67.59 5.06 -0.01	61.78 4.19 -6.48	58.95 3.22 -12.84	57.23 2.86 -17.18	57.27 2.80 -18.56	57.27 2.89 -18.21	57.34 2.77 -18.53	57.87 2.87 -18.72	59.59 3.11 -19.50	62.42 3.54 -19.09	67.53 4.19 -18.25	80.64 5.17 -22.68	84.94 5.82 -17.80	81.65 4.87 -27.62	62.04 3.98 -17.00	60.35 3.44 -19.11	57.55 2.98 -19.48
FPL FAR_ROCK_GT1 24212	40.26 2.31 0.00	38.20 2.30 0.00	37.55 2.19 0.00	37.80 2.31 0.00	38.13 2.39 0.00	42.95 2.66 -0.01	59.65 4.47 -0.01	68.16 5.63 -0.01	55.57 4.44 -0.01	46.50 3.60 0.00	40.24 3.05 0.00	38.71 2.80 0.00	39.17 3.00 0.00	38.81 2.78 0.00	39.29 3.01 0.00	40.39 3.40 0.00	43.71 3.90 -0.01	52.63 4.51 -3.04	58.14 5.33 -0.01	83.88 6.13 -16.44	70.99 5.02 -16.82	59.31 4.19 -14.06	48.95 3.71 -7.43	40.65 3.30 -2.27

FPL FAR_ROCK_GT2 23815	40.26 2.31 0.00	38.20 2.30 0.00	37.55 2.19 0.00	37.80 2.31 0.00	38.13 2.39 0.00	42.95 2.66 -0.01	59.65 4.47 -0.01	68.16 5.63 -0.01	55.57 4.44 -0.01	46.50 3.60 0.00	40.24 3.05 0.00	38.71 2.80 0.00	39.17 3.00 0.00	38.81 2.78 0.00	39.29 3.01 0.00	40.39 3.40 0.00	43.71 3.90 -0.01	52.63 4.51 -3.04	58.14 5.33 -0.01	83.88 6.13 -16.44	70.99 5.02 -16.82	59.31 4.19 -14.06	48.95 3.71 -7.43	40.65 3.30 -2.27
FRANKLIN_FALL_HYD 24054	38.36 0.42 0.00	36.36 0.47 0.00	35.92 0.57 0.00	36.07 0.57 0.00	36.30 0.57 0.00	41.04 0.77 0.00	56.44 1.27 0.00	63.52 1.00 0.00	51.93 0.82 0.00	43.58 0.69 0.00	37.78 0.59 0.00	36.19 0.29 0.00	36.38 0.22 0.00	36.22 0.18 0.00	36.35 0.07 0.00	36.99 0.00 0.00	39.79 0.00 0.00	45.04 -0.05 0.00	52.16 -0.63 0.00	60.33 -0.98 0.00	48.28 -0.88 0.00	39.99 -1.07 0.00	36.79 -1.02 0.00	34.38 -0.70 0.00
FREEPORT_EQUS_GT1 23764	40.06 2.12 0.00	38.01 2.12 0.00	37.37 2.01 0.00	37.63 2.13 0.00	37.95 2.22 0.00	42.79 2.50 -0.01	59.26 4.08 -0.01	67.79 5.25 -0.01	55.31 4.19 -0.01	46.24 3.35 0.00	39.87 2.68 0.00	38.35 2.44 0.00	38.84 2.68 0.00	38.45 2.41 0.00	39.11 2.83 0.00	40.17 3.18 0.00	43.54 3.74 -0.01	51.89 4.29 -2.53	57.87 5.07 -0.01	80.79 5.83 -13.64	68.91 4.77 -14.99	57.33 3.94 -12.32	47.61 3.48 -6.33	40.47 3.12 -2.27
FREEPORT___CT2 23818	40.06 2.12 0.00	38.01 2.12 0.00	37.37 2.01 0.00	37.63 2.13 0.00	37.95 2.22 0.00	42.79 2.50 -0.01	59.26 4.08 -0.01	67.79 5.25 -0.01	55.31 4.19 -0.01	46.24 3.35 0.00	39.87 2.68 0.00	38.35 2.44 0.00	38.84 2.68 0.00	38.45 2.41 0.00	39.11 2.83 0.00	40.17 3.18 0.00	43.54 3.74 -0.01	51.89 4.29 -2.53	57.87 5.07 -0.01	80.79 5.83 -13.64	68.91 4.77 -14.99	57.33 3.94 -12.32	47.61 3.48 -6.33	40.47 3.12 -2.27
FRESHKLS_33_KV_LOAD 356253	56.51 2.01 -16.56	55.85 2.01 -17.95	45.03 2.02 -7.65	42.26 2.06 -4.70	49.35 2.04 -11.58	55.87 2.26 -13.34	59.04 3.86 -0.01	67.41 4.88 -0.01	61.62 4.04 -6.47	58.82 3.09 -12.84	57.16 2.79 -17.18	57.16 2.69 -18.56	57.16 2.78 -18.21	57.27 2.70 -18.53	57.27 2.79 -18.20	58.33 3.00 -18.35	60.18 3.42 -16.97	65.36 4.06 -16.22	63.94 5.12 -6.02	67.03 5.70 -0.01	61.42 4.82 -7.44	62.00 3.94 -17.00	60.35 3.44 -19.11	57.51 2.95 -19.48
FULTON COGEN____ 23766	37.52 -0.42 0.00	35.47 -0.43 0.00	34.90 -0.46 0.00	35.04 -0.46 0.00	35.23 -0.50 0.00	39.67 -0.60 0.00	54.23 -0.94 0.00	61.27 -1.25 0.00	50.09 -1.02 0.00	42.12 -0.77 0.00	36.59 -0.59 0.00	35.37 -0.54 0.00	35.62 -0.54 0.00	35.50 -0.54 0.00	35.70 -0.58 0.00	36.28 -0.70 0.00	39.03 -0.76 0.00	44.14 -0.95 0.00	51.90 -0.90 0.00	60.27 -1.04 0.00	48.77 -0.84 -0.45	40.69 -0.66 -0.29	37.31 -0.57 -0.07	34.79 -0.46 -0.17
FULTON___LFGE 323630	40.14 2.20 0.00	38.09 2.19 0.00	37.51 2.16 0.00	37.70 2.20 0.00	38.02 2.29 0.00	43.02 2.74 0.00	59.58 4.42 0.00	67.27 4.75 0.00	54.23 3.12 0.00	44.95 2.06 0.00	38.60 1.41 0.00	37.09 1.18 0.00	37.50 1.34 0.00	37.37 1.33 0.00	37.66 1.38 0.00	38.76 1.78 0.00	42.02 2.23 0.00	48.15 3.07 0.00	56.80 4.01 0.00	66.52 5.21 0.00	61.63 4.03 -8.44	49.67 3.24 -5.36	41.82 2.72 -1.29	40.54 2.31 -3.14
G.F.CEMENT___DRP 24184	40.18 2.24 0.00	38.23 2.33 0.00	37.69 2.33 0.00	37.88 2.38 0.00	38.23 2.50 0.00	43.18 2.90 0.00	60.08 4.91 0.00	68.15 5.63 0.00	55.20 4.09 0.00	45.94 3.05 0.00	39.34 2.16 0.00	37.81 1.90 0.00	38.01 1.84 0.00	37.98 1.95 0.00	38.42 2.14 0.00	39.54 2.55 0.00	42.77 2.98 0.00	48.78 3.70 0.00	57.39 4.59 0.00	67.14 5.82 0.00	61.45 4.62 -7.67	49.63 3.70 -4.87	42.12 3.14 -1.17	40.64 2.70 -2.86
GARDENVILLE___LBMP 24039	37.18 -0.76 0.00	34.71 -1.18 0.00	34.01 -1.34 0.00	34.04 -1.46 0.00	34.30 -1.43 0.00	38.06 -2.22 0.00	51.25 -3.92 0.00	56.46 -6.06 0.00	46.05 -5.06 0.00	39.85 -3.05 0.00	34.95 -2.23 0.00	34.00 -1.90 0.00	34.20 -1.95 0.02	34.40 -1.62 0.02	34.38 -1.89 0.02	34.84 -2.15 0.00	36.81 -2.98 0.00	40.81 -4.24 0.04	44.43 -4.80 3.56	48.29 -5.15 7.88	42.82 -4.18 2.16	37.58 -3.49 -0.01	34.74 -3.14 -0.07	32.26 -2.98 -0.16
GARDNVLA_35_KV_LD 355827	37.33 -0.61 0.00	34.86 -1.04 0.00	34.15 -1.20 0.00	34.15 -1.35 0.00	34.45 -1.29 0.00	38.26 -2.01 0.00	51.53 -3.64 0.00	56.71 -5.81 0.00	46.25 -4.86 0.00	40.10 -2.79 0.00	35.18 -2.01 0.00	34.22 -1.69 0.00	34.45 -1.70 0.02	34.65 -1.37 0.02	34.63 -1.63 0.02	35.10 -1.89 0.00	37.00 -2.79 0.00	41.04 -4.01 0.04	44.76 -4.59 3.44	48.78 -4.91 7.63	43.23 -3.98 1.95	37.75 -3.37 -0.06	34.90 -2.99 -0.08	32.37 -2.88 -0.16
GELCKHM___115KV_LOAD 80723	37.83 -0.11 0.00	35.75 -0.14 0.00	35.14 -0.21 0.00	35.29 -0.21 0.00	35.55 -0.18 0.00	40.00 -0.28 0.00	54.62 -0.55 0.00	61.71 -0.81 0.00	50.44 -0.66 0.00	42.42 -0.47 0.00	36.85 -0.33 0.00	35.66 -0.25 0.00	35.95 -0.22 0.00	35.82 -0.22 0.00	35.99 -0.29 0.00	36.62 -0.37 0.00	39.35 -0.44 0.00	44.54 -0.54 0.00	52.32 -0.48 0.00	60.76 -0.55 0.00	49.19 -0.49 -0.52	41.02 -0.37 -0.33	37.58 -0.30 -0.08	35.03 -0.25 -0.19
GENERAL___MILLS 23808	37.26 -0.68 0.00	34.78 -1.11 0.00	34.08 -1.27 0.00	34.11 -1.38 0.00	34.37 -1.36 0.00	38.14 -2.13 0.00	51.36 -3.81 0.00	56.52 -6.00 0.00	46.10 -5.01 0.00	39.98 -2.92 0.00	35.03 -2.16 0.00	34.11 -1.80 0.00	34.31 -1.84 0.02	34.51 -1.51 0.02	34.49 -1.78 0.02	34.95 -2.03 0.00	36.88 -2.90 0.00	40.90 -4.15 0.04	44.56 -4.75 3.48	48.51 -5.09 7.71	43.01 -4.13 2.02	37.61 -3.49 -0.04	34.82 -3.06 -0.08	32.30 -2.95 -0.16
GE_PLASTICS___DRP 24183	38.47 0.53 0.00	36.54 0.65 0.00	36.03 0.67 0.00	36.17 0.67 0.00	36.41 0.68 0.00	41.04 0.77 0.00	56.44 1.27 0.00	64.33 1.81 0.00	52.49 1.38 0.00	43.84 0.94 0.00	37.93 0.74 0.00	36.66 0.75 0.00	36.96 0.80 0.00	36.79 0.76 0.00	37.22 0.94 0.00	38.06 1.07 0.00	41.06 1.27 0.00	46.66 1.58 0.00	54.85 2.06 0.00	63.77 2.45 0.00	58.44 1.92 -7.36	47.38 1.64 -4.68	40.29 1.36 -1.12	38.98 1.16 -2.74
GILBOA___1 23756	38.62 0.68 0.00	36.61 0.72 0.00	36.10 0.74 0.00	36.24 0.75 0.00	36.52 0.79 0.00	41.13 0.85 0.00	56.60 1.43 0.00	64.46 1.94 0.00	52.64 1.53 0.00	44.05 1.16 0.00	38.19 1.00 0.00	36.88 0.97 0.00	37.18 1.01 0.00	37.01 0.97 0.00	37.33 1.05 0.00	38.25 1.26 0.00	41.22 1.43 0.00	46.84 1.76 0.00	55.01 2.22 0.00	63.77 2.46 0.00	56.96 2.02 -5.79	46.46 1.72 -3.68	40.17 1.47 -0.88	38.47 1.23 -2.16
GILBOA___2 23757	38.62 0.68 0.00	36.61 0.72 0.00	36.10 0.74 0.00	36.24 0.75 0.00	36.52 0.79 0.00	41.13 0.85 0.00	56.60 1.43 0.00	64.46 1.94 0.00	52.64 1.53 0.00	44.05 1.16 0.00	38.19 1.00 0.00	36.88 0.97 0.00	37.18 1.01 0.00	37.01 0.97 0.00	37.33 1.05 0.00	38.25 1.26 0.00	41.22 1.43 0.00	46.84 1.76 0.00	55.01 2.22 0.00	63.77 2.46 0.00	56.96 2.02 -5.79	46.46 1.72 -3.68	40.17 1.47 -0.88	38.47 1.23 -2.16

GILBOA___3 23758	38.62 0.68 0.00	36.61 0.72 0.00	36.10 0.74 0.00	36.24 0.75 0.00	36.52 0.79 0.00	41.13 0.85 0.00	56.60 1.43 0.00	64.46 1.94 0.00	52.64 1.53 0.00	44.05 1.16 0.00	38.19 1.00 0.00	36.88 0.97 0.00	37.18 1.01 0.00	37.01 0.97 0.00	37.33 1.05 0.00	38.25 1.26 0.00	41.22 1.43 0.00	46.84 1.76 0.00	55.01 2.22 0.00	63.77 2.46 0.00	56.96 2.02 -5.79	46.46 1.72 -3.68	40.17 1.47 -0.88	38.47 1.23 -2.16
GILBOA___4 23759	38.62 0.68 0.00	36.61 0.72 0.00	36.10 0.74 0.00	36.24 0.75 0.00	36.52 0.79 0.00	41.13 0.85 0.00	56.60 1.43 0.00	64.46 1.94 0.00	52.64 1.53 0.00	44.05 1.16 0.00	38.19 1.00 0.00	36.88 0.97 0.00	37.18 1.01 0.00	37.01 0.97 0.00	37.33 1.05 0.00	38.25 1.26 0.00	41.22 1.43 0.00	46.84 1.76 0.00	55.01 2.22 0.00	63.77 2.46 0.00	56.96 2.02 -5.79	46.46 1.72 -3.68	40.17 1.47 -0.88	38.47 1.23 -2.16
GILBOA___ 23599	38.66 0.72 0.00	36.65 0.75 0.00	36.10 0.74 0.00	36.28 0.78 0.00	36.52 0.79 0.00	41.16 0.89 0.00	56.60 1.43 0.00	64.46 1.94 0.00	52.69 1.58 0.00	44.05 1.16 0.00	38.15 0.97 0.00	36.88 0.97 0.00	37.14 0.98 0.00	37.01 0.97 0.00	37.37 1.09 0.00	38.21 1.22 0.00	41.22 1.43 0.00	46.84 1.76 0.00	55.01 2.22 0.00	63.77 2.45 0.00	56.96 2.02 -5.79	46.47 1.72 -3.68	40.17 1.47 -0.88	38.43 1.19 -2.16
GINNA___ 23603	35.89 -2.05 0.00	33.81 -2.08 0.00	33.16 -2.19 0.00	33.26 -2.24 0.00	33.48 -2.25 0.00	37.70 -2.58 0.00	51.09 -4.08 0.00	57.33 -5.19 0.00	46.92 -4.19 0.00	39.76 -3.13 0.00	34.62 -2.57 0.00	33.61 -2.30 0.00	34.03 -2.13 0.00	34.05 -1.98 0.00	34.03 -2.25 0.00	34.47 -2.52 0.00	36.89 -2.90 0.00	41.61 -3.47 0.00	48.07 -3.91 0.81	55.27 -4.23 1.81	46.23 -3.44 -0.52	38.66 -2.83 -0.43	35.04 -2.84 -0.07	32.56 -2.67 -0.15
GLEN PARK___ 23778	37.90 -0.04 0.00	35.86 -0.04 0.00	35.32 -0.04 0.00	35.57 0.07 0.00	35.77 0.04 0.00	40.60 0.32 0.00	55.88 0.72 0.00	63.15 0.63 0.00	51.11 0.00 0.00	42.59 -0.30 0.00	36.63 -0.56 0.00	35.22 -0.68 0.00	35.33 -0.83 0.00	35.32 -0.72 0.00	35.41 -0.87 0.00	36.06 -0.92 0.00	38.75 -1.03 0.00	44.27 -0.81 0.00	52.53 -0.26 0.00	61.50 0.18 0.00	49.30 -0.15 -0.29	41.00 -0.24 -0.19	37.51 -0.34 -0.04	34.77 -0.42 -0.11
GLENDALE_27_KV_LOAD 356172	39.84 1.90 0.00	37.76 1.87 0.00	37.27 1.91 0.00	37.45 1.95 0.00	37.66 1.93 0.00	42.49 2.22 0.00	59.09 3.92 0.00	67.65 5.13 0.00	55.66 4.29 -0.26	46.67 3.30 -0.48	40.72 2.90 -0.64	39.47 2.87 -0.69	39.80 2.97 -0.67	39.60 2.88 -0.68	40.45 2.97 -1.20	42.04 3.22 -1.83	46.20 3.66 -2.75	52.09 4.37 -2.63	58.02 5.23 0.00	67.14 5.82 0.00	60.08 4.87 -6.05	48.85 3.94 -3.85	42.10 3.36 -0.92	40.25 2.91 -2.25
GLENWOOD_IC_1_G5 23712	39.88 1.93 0.00	37.87 1.97 0.00	37.27 1.91 0.00	37.49 1.99 0.00	37.77 2.04 0.00	42.63 2.34 -0.02	59.10 3.92 -0.02	67.60 5.06 -0.02	55.21 4.09 -0.02	46.07 3.17 0.00	39.86 2.68 0.00	38.49 2.59 0.00	38.88 2.71 0.00	38.63 2.59 0.00	39.07 2.79 0.00	40.06 3.07 0.00	43.35 3.54 -0.02	52.48 4.15 -3.25	57.77 4.96 -0.02	84.60 5.70 -17.58	71.39 4.67 -17.56	59.64 3.82 -14.77	48.98 3.29 -7.88	40.19 2.84 -2.27
GLENWOOD_IC_2_G1 23688	39.65 1.71 0.00	37.58 1.69 0.00	37.02 1.66 0.00	37.24 1.74 0.00	37.48 1.75 0.00	42.25 1.97 0.00	58.70 3.53 0.00	67.21 4.69 0.00	54.79 3.68 0.00	45.81 2.92 0.00	39.75 2.56 0.00	38.35 2.44 0.00	38.73 2.57 0.00	38.45 2.41 0.00	38.85 2.58 0.00	39.91 2.92 0.00	43.09 3.30 0.00	49.10 3.88 -0.14	57.38 4.59 0.00	67.40 5.33 -0.75	60.08 4.37 -6.55	48.95 3.57 -4.32	42.13 3.10 -1.22	40.04 2.70 -2.26
GLENWOOD_IC_3_G1 23689	39.65 1.71 0.00	37.58 1.69 0.00	37.02 1.66 0.00	37.24 1.74 0.00	37.48 1.75 0.00	42.25 1.97 0.00	58.70 3.53 0.00	67.21 4.69 0.00	54.79 3.68 0.00	45.81 2.92 0.00	39.75 2.56 0.00	38.35 2.44 0.00	38.73 2.57 0.00	38.45 2.41 0.00	38.85 2.58 0.00	39.91 2.92 0.00	43.09 3.30 0.00	49.10 3.88 -0.14	57.38 4.59 0.00	67.40 5.33 -0.75	60.08 4.37 -6.55	48.95 3.57 -4.32	42.13 3.10 -1.22	40.04 2.70 -2.26
GLENWOOD___4 23550	39.88 1.93 0.00	37.87 1.97 0.00	37.27 1.91 0.00	37.49 1.99 0.00	37.77 2.04 0.00	42.63 2.34 -0.02	59.10 3.92 -0.02	67.60 5.06 -0.02	55.21 4.09 -0.02	46.07 3.17 0.00	39.86 2.68 0.00	38.49 2.59 0.00	38.88 2.71 0.00	38.63 2.59 0.00	39.07 2.79 0.00	40.06 3.07 0.00	43.35 3.54 -0.02	52.48 4.15 -3.25	57.77 4.96 -0.02	84.60 5.70 -17.58	71.39 4.67 -17.56	59.64 3.82 -14.77	48.98 3.29 -7.88	40.19 2.84 -2.27
GLENWOOD___5 23614	39.88 1.93 0.00	37.87 1.97 0.00	37.27 1.91 0.00	37.49 1.99 0.00	37.77 2.04 0.00	42.63 2.34 -0.02	59.10 3.92 -0.02	67.60 5.06 -0.02	55.21 4.09 -0.02	46.07 3.17 0.00	39.86 2.68 0.00	38.49 2.59 0.00	38.88 2.71 0.00	38.63 2.59 0.00	39.07 2.79 0.00	40.06 3.07 0.00	43.35 3.54 -0.02	52.48 4.15 -3.25	57.77 4.96 -0.02	84.60 5.70 -17.58	71.39 4.67 -17.56	59.64 3.82 -14.77	48.98 3.29 -7.88	40.19 2.84 -2.27
GLOBAL GREEN_PORT_GT1 23814	40.26 2.31 0.00	38.20 2.30 0.00	37.48 2.12 0.00	37.91 2.42 0.00	38.31 2.57 0.00	43.43 3.14 -0.01	60.20 5.02 -0.01	68.97 6.44 -0.01	56.23 5.11 -0.01	47.10 4.21 0.00	40.61 3.42 0.00	39.03 3.12 0.00	39.67 3.51 0.00	39.17 3.13 0.00	39.65 3.37 0.00	40.61 3.63 0.00	44.14 4.34 -0.01	52.53 5.54 -1.90	59.13 6.33 -0.01	78.69 7.11 -10.26	67.83 5.90 -12.77	55.96 4.68 -10.22	46.50 3.71 -4.99	40.75 3.40 -2.26
GLOBE___DSASP 323697	36.27 -1.67 0.00	33.56 -2.33 0.00	32.92 -2.44 0.00	32.98 -2.52 0.00	33.23 -2.50 0.00	36.86 -3.42 0.00	49.43 -5.74 0.00	54.33 -8.19 0.00	44.41 -6.70 0.00	38.60 -4.29 0.00	33.95 -3.24 0.00	33.11 -2.80 0.00	33.47 -2.68 0.02	33.57 -2.45 0.02	33.50 -2.76 0.02	33.99 -3.00 0.00	35.85 -3.94 0.00	39.81 -5.23 0.04	42.92 -5.97 3.91	46.16 -6.50 8.65	41.37 -4.97 2.82	36.71 -4.19 0.16	34.06 -3.82 -0.07	31.73 -3.51 -0.15
GOETHSLN___LBMP 323567	39.34 1.40 0.00	37.33 1.44 0.00	36.81 1.45 0.00	36.99 1.49 0.00	37.20 1.47 0.00	42.01 1.73 0.00	58.37 3.20 0.00	66.90 4.38 0.00	54.69 3.58 0.00	45.60 2.70 0.00	39.60 2.42 0.00	38.31 2.41 0.00	38.66 2.50 0.00	38.49 2.45 0.00	38.82 2.54 0.00	39.72 2.74 0.00	42.93 3.14 0.00	48.87 3.79 0.00	57.28 4.49 0.00	66.40 5.09 0.00	59.44 4.23 -6.05	48.32 3.41 -3.85	41.61 2.87 -0.92	39.79 2.46 -2.25
GOLAH___69_KV_TB 1_2 80279	37.64 -0.30 0.00	35.29 -0.61 0.00	34.65 -0.71 0.00	34.79 -0.71 0.00	35.02 -0.71 0.00	39.27 -1.01 0.00	53.13 -2.04 0.00	59.27 -3.25 0.00	48.25 -2.86 0.00	41.18 -1.72 0.00	35.92 -1.26 0.00	34.83 -1.08 0.00	35.26 -0.90 0.00	35.31 -0.72 0.00	35.26 -1.02 0.00	35.80 -1.18 0.00	38.00 -1.79 0.00	42.82 -2.25 0.01	49.00 -2.32 1.47	55.72 -2.33 3.26	47.25 -1.72 0.19	39.97 -1.40 -0.30	36.40 -1.47 -0.07	33.90 -1.33 -0.15

GOODYEAR_LAKE_HYD 323669	39.31 1.37 0.00	37.22 1.33 0.00	36.66 1.31 0.00	36.81 1.31 0.00	37.05 1.32 0.00	41.85 1.57 0.00	57.76 2.59 0.00	65.52 3.00 0.00	53.31 2.20 0.00	44.57 1.67 0.00	38.45 1.26 0.00	37.13 1.22 0.00	37.39 1.23 0.00	37.33 1.30 0.00	37.58 1.31 0.00	38.39 1.41 0.00	41.38 1.59 0.00	47.07 1.98 0.00	55.38 2.59 0.00	64.38 3.07 0.00	53.13 2.31 -1.66	44.00 1.89 -1.05	39.69 1.63 -0.25	37.03 1.33 -0.62
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	38.28 0.34 0.00	36.15 0.25 0.00	35.53 0.18 0.00	35.64 0.14 0.00	35.88 0.14 0.00	40.32 0.04 0.00	55.28 0.11 0.00	62.27 -0.25 0.00	50.75 -0.36 0.00	42.72 -0.17 0.00	37.07 -0.11 0.00	35.87 -0.04 0.00	36.02 -0.14 0.00	35.93 -0.11 0.00	36.21 -0.07 0.00	36.91 -0.07 0.00	39.67 -0.12 0.00	44.76 -0.32 0.00	51.82 -0.16 0.82	59.37 -0.12 1.82	50.68 -0.20 -1.72	42.09 -0.16 -1.20	37.87 -0.19 -0.25	35.43 -0.25 -0.60
GOUDEY___7 23579	38.28 0.34 0.00	36.15 0.25 0.00	35.53 0.18 0.00	35.64 0.14 0.00	35.88 0.14 0.00	40.32 0.04 0.00	55.28 0.11 0.00	62.27 -0.25 0.00	50.75 -0.36 0.00	42.72 -0.17 0.00	37.07 -0.11 0.00	35.87 -0.04 0.00	36.02 -0.14 0.00	35.93 -0.11 0.00	36.21 -0.07 0.00	36.91 -0.07 0.00	39.67 -0.12 0.00	44.76 -0.32 0.00	51.82 -0.16 0.82	59.37 -0.12 1.82	50.68 -0.20 -1.72	42.09 -0.16 -1.20	37.87 -0.19 -0.25	35.43 -0.25 -0.60
GOUDEY___8 23580	38.28 0.34 0.00	36.15 0.25 0.00	35.53 0.18 0.00	35.64 0.14 0.00	35.88 0.14 0.00	40.32 0.04 0.00	55.28 0.11 0.00	62.27 -0.25 0.00	50.75 -0.36 0.00	42.72 -0.17 0.00	37.07 -0.11 0.00	35.87 -0.04 0.00	36.02 -0.14 0.00	35.93 -0.11 0.00	36.21 -0.07 0.00	36.91 -0.07 0.00	39.67 -0.12 0.00	44.76 -0.32 0.00	51.82 -0.16 0.82	59.37 -0.12 1.82	50.68 -0.20 -1.72	42.09 -0.16 -1.20	37.87 -0.19 -0.25	35.43 -0.25 -0.60
GOWANUS_GT1_1 24077	56.55 2.05 -16.56	55.89 2.05 -17.95	45.10 2.09 -7.65	42.30 2.09 -4.70	49.38 2.07 -11.58	55.99 2.38 -13.34	59.26 4.08 -0.01	67.86 5.31 -0.02	61.99 4.40 -6.48	59.12 3.39 -12.84	57.34 2.97 -17.18	57.37 2.91 -18.56	57.38 3.00 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.74 3.25 -19.50	62.58 3.70 -19.09	67.76 4.42 -18.25	101.21 5.38 -43.04	101.11 6.01 -33.78	101.17 5.01 -46.99	62.12 4.06 -17.00	60.43 3.52 -19.11	57.62 3.05 -19.48
GOWANUS_GT1_2 24078	56.55 2.05 -16.56	55.89 2.05 -17.95	45.10 2.09 -7.65	42.30 2.09 -4.70	49.38 2.07 -11.58	55.99 2.38 -13.34	59.26 4.08 -0.01	67.86 5.31 -0.02	61.99 4.40 -6.48	59.12 3.39 -12.84	57.34 2.97 -17.18	57.37 2.91 -18.56	57.38 3.00 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.74 3.25 -19.50	62.58 3.70 -19.09	67.76 4.42 -18.25	101.21 5.38 -43.04	101.11 6.01 -33.78	101.17 5.01 -46.99	62.12 4.06 -17.00	60.43 3.52 -19.11	57.62 3.05 -19.48
GOWANUS_GT1_3 24079	56.55 2.05 -16.56	55.89 2.05 -17.95	45.10 2.09 -7.65	42.30 2.09 -4.70	49.38 2.07 -11.58	55.99 2.38 -13.34	59.26 4.08 -0.01	67.86 5.31 -0.02	61.99 4.40 -6.48	59.12 3.39 -12.84	57.34 2.97 -17.18	57.37 2.91 -18.56	57.38 3.00 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.74 3.25 -19.50	62.58 3.70 -19.09	67.76 4.42 -18.25	101.21 5.38 -43.04	101.11 6.01 -33.78	101.17 5.01 -46.99	62.12 4.06 -17.00	60.43 3.52 -19.11	57.62 3.05 -19.48
GOWANUS_GT1_4 24080	56.55 2.05 -16.56	55.89 2.05 -17.95	45.10 2.09 -7.65	42.30 2.09 -4.70	49.38 2.07 -11.58	55.99 2.38 -13.34	59.26 4.08 -0.01	67.86 5.31 -0.02	61.99 4.40 -6.48	59.12 3.39 -12.84	57.34 2.97 -17.18	57.37 2.91 -18.56	57.38 3.00 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.74 3.25 -19.50	62.58 3.70 -19.09	67.76 4.42 -18.25	101.21 5.38 -43.04	101.11 6.01 -33.78	101.17 5.01 -46.99	62.12 4.06 -17.00	60.43 3.52 -19.11	57.62 3.05 -19.48
GOWANUS_GT1_5 24084	56.55 2.05 -16.56	55.89 2.05 -17.95	45.10 2.09 -7.65	42.30 2.09 -4.70	49.38 2.07 -11.58	55.99 2.38 -13.34	59.26 4.08 -0.01	67.86 5.31 -0.02	61.99 4.40 -6.48	59.12 3.39 -12.84	57.34 2.97 -17.18	57.37 2.91 -18.56	57.38 3.00 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.74 3.25 -19.50	62.58 3.70 -19.09	67.76 4.42 -18.25	101.21 5.38 -43.04	101.11 6.01 -33.78	101.17 5.01 -46.99	62.12 4.06 -17.00	60.43 3.52 -19.11	57.62 3.05 -19.48
GOWANUS_GT1_6 24111	56.55 2.05 -16.56	55.89 2.05 -17.95	45.10 2.09 -7.65	42.30 2.09 -4.70	49.38 2.07 -11.58	55.99 2.38 -13.34	59.26 4.08 -0.01	67.86 5.31 -0.02	61.99 4.40 -6.48	59.12 3.39 -12.84	57.34 2.97 -17.18	57.37 2.91 -18.56	57.38 3.00 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.74 3.25 -19.50	62.58 3.70 -19.09	67.76 4.42 -18.25	101.21 5.38 -43.04	101.11 6.01 -33.78	101.17 5.01 -46.99	62.12 4.06 -17.00	60.43 3.52 -19.11	57.62 3.05 -19.48
GOWANUS_GT1_7 24112	56.55 2.05 -16.56	55.89 2.05 -17.95	45.10 2.09 -7.65	42.30 2.09 -4.70	49.38 2.07 -11.58	55.99 2.38 -13.34	59.26 4.08 -0.01	67.86 5.31 -0.02	61.99 4.40 -6.48	59.12 3.39 -12.84	57.34 2.97 -17.18	57.37 2.91 -18.56	57.38 3.00 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.74 3.25 -19.50	62.58 3.70 -19.09	67.76 4.42 -18.25	101.21 5.38 -43.04	101.11 6.01 -33.78	101.17 5.01 -46.99	62.12 4.06 -17.00	60.43 3.52 -19.11	57.62 3.05 -19.48
GOWANUS_GT1_8 24113	56.55 2.05 -16.56	55.89 2.05 -17.95	45.10 2.09 -7.65	42.30 2.09 -4.70	49.38 2.07 -11.58	55.99 2.38 -13.34	59.26 4.08 -0.01	67.86 5.31 -0.02	61.99 4.40 -6.48	59.12 3.39 -12.84	57.34 2.97 -17.18	57.37 2.91 -18.56	57.38 3.00 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.74 3.25 -19.50	62.58 3.70 -19.09	67.76 4.42 -18.25	101.21 5.38 -43.04	101.11 6.01 -33.78	101.17 5.01 -46.99	62.12 4.06 -17.00	60.43 3.52 -19.11	57.62 3.05 -19.48
GOWANUS_GT2_1 24114	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.84 5.31 -0.01	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	81.24 5.33 -23.12	85.53 6.07 -18.14	82.22 5.02 -28.04	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
GOWANUS_GT2_2 24115	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.84 5.31 -0.01	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	81.24 5.33 -23.12	85.53 6.07 -18.14	82.22 5.02 -28.04	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
GOWANUS_GT2_3 24116	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.84 5.31 -0.01	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	81.24 5.33 -23.12	85.53 6.07 -18.14	82.22 5.02 -28.04	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48

GOWANUS_GT2_4 24117	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.84 5.31 -0.01	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	81.24 5.33 -23.12	85.53 6.07 -18.14	82.22 5.02 -28.04	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
GOWANUS_GT2_5 24118	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.84 5.31 -0.01	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	81.24 5.33 -23.12	85.53 6.07 -18.14	82.22 5.02 -28.04	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
GOWANUS_GT2_6 24119	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.84 5.31 -0.01	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	81.24 5.33 -23.12	85.53 6.07 -18.14	82.22 5.02 -28.04	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
GOWANUS_GT2_7 24120	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.84 5.31 -0.01	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	81.24 5.33 -23.12	85.53 6.07 -18.14	82.22 5.02 -28.04	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
GOWANUS_GT2_8 24121	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.84 5.31 -0.01	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	81.24 5.33 -23.12	85.53 6.07 -18.14	82.22 5.02 -28.04	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
GOWANUS_GT3_1 24122	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.85 5.31 -0.02	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	101.16 5.33 -43.04	101.17 6.07 -33.78	101.17 5.02 -46.99	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
GOWANUS_GT3_2 24123	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.85 5.31 -0.02	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	101.16 5.33 -43.04	101.17 6.07 -33.78	101.17 5.02 -46.99	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
GOWANUS_GT3_3 24124	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.85 5.31 -0.02	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	101.16 5.33 -43.04	101.17 6.07 -33.78	101.17 5.02 -46.99	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
GOWANUS_GT3_4 24125	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.85 5.31 -0.02	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	101.16 5.33 -43.04	101.17 6.07 -33.78	101.17 5.02 -46.99	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
GOWANUS_GT3_5 24126	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.85 5.31 -0.02	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	101.16 5.33 -43.04	101.17 6.07 -33.78	101.17 5.02 -46.99	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
GOWANUS_GT3_6 24127	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.85 5.31 -0.02	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	101.16 5.33 -43.04	101.17 6.07 -33.78	101.17 5.02 -46.99	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
GOWANUS_GT3_7 24128	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.85 5.31 -0.02	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	101.16 5.33 -43.04	101.17 6.07 -33.78	101.17 5.02 -46.99	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
GOWANUS_GT3_8 24129	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.85 5.31 -0.02	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	101.16 5.33 -43.04	101.17 6.07 -33.78	101.17 5.02 -46.99	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
GOWANUS_GT4_1 24130	56.55 2.05 -16.56	55.89 2.05 -17.95	45.10 2.09 -7.65	42.30 2.09 -4.70	49.38 2.07 -11.58	55.99 2.38 -13.34	59.26 4.08 -0.01	67.84 5.31 -0.01	61.99 4.40 -6.48	59.12 3.39 -12.84	57.34 2.97 -17.18	57.37 2.91 -18.56	57.38 3.00 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.74 3.25 -19.50	62.58 3.70 -19.09	67.76 4.42 -18.25	81.30 5.38 -23.12	85.47 6.01 -18.14	82.22 5.01 -28.04	62.12 4.06 -17.00	60.43 3.52 -19.11	57.62 3.05 -19.48
GOWANUS_GT4_2 24131	56.55 2.05 -16.56	55.89 2.05 -17.95	45.10 2.09 -7.65	42.30 2.09 -4.70	49.38 2.07 -11.58	55.99 2.38 -13.34	59.26 4.08 -0.01	67.84 5.31 -0.01	61.99 4.40 -6.48	59.12 3.39 -12.84	57.34 2.97 -17.18	57.37 2.91 -18.56	57.38 3.00 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.74 3.25 -19.50	62.58 3.70 -19.09	67.76 4.42 -18.25	81.30 5.38 -23.12	85.47 6.01 -18.14	82.22 5.01 -28.04	62.12 4.06 -17.00	60.43 3.52 -19.11	57.62 3.05 -19.48

GOWANUS_GT4_3 24132	56.55 2.05 -16.56	55.89 2.05 -17.95	45.10 2.09 -7.65	42.30 2.09 -4.70	49.38 2.07 -11.58	55.99 2.38 -13.34	59.26 4.08 -0.01	67.84 5.31 -0.01	61.99 4.40 -6.48	59.12 3.39 -12.84	57.34 2.97 -17.18	57.37 2.91 -18.56	57.38 3.00 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.74 3.25 -19.50	62.58 3.70 -19.09	67.76 4.42 -18.25	81.30 5.38 -23.12	85.47 6.01 -18.14	82.22 5.01 -28.04	62.12 4.06 -17.00	60.43 3.52 -19.11	57.62 3.05 -19.48
GOWANUS_GT4_4 24133	56.55 2.05 -16.56	55.89 2.05 -17.95	45.10 2.09 -7.65	42.30 2.09 -4.70	49.38 2.07 -11.58	55.99 2.38 -13.34	59.26 4.08 -0.01	67.84 5.31 -0.01	61.99 4.40 -6.48	59.12 3.39 -12.84	57.34 2.97 -17.18	57.37 2.91 -18.56	57.38 3.00 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.74 3.25 -19.50	62.58 3.70 -19.09	67.76 4.42 -18.25	81.30 5.38 -23.12	85.47 6.01 -18.14	82.22 5.01 -28.04	62.12 4.06 -17.00	60.43 3.52 -19.11	57.62 3.05 -19.48
GOWANUS_GT4_5 24134	56.55 2.05 -16.56	55.89 2.05 -17.95	45.10 2.09 -7.65	42.30 2.09 -4.70	49.38 2.07 -11.58	55.99 2.38 -13.34	59.26 4.08 -0.01	67.84 5.31 -0.01	61.99 4.40 -6.48	59.12 3.39 -12.84	57.34 2.97 -17.18	57.37 2.91 -18.56	57.38 3.00 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.74 3.25 -19.50	62.58 3.70 -19.09	67.76 4.42 -18.25	81.30 5.38 -23.12	85.47 6.01 -18.14	82.22 5.01 -28.04	62.12 4.06 -17.00	60.43 3.52 -19.11	57.62 3.05 -19.48
GOWANUS_GT4_6 24135	56.55 2.05 -16.56	55.89 2.05 -17.95	45.10 2.09 -7.65	42.30 2.09 -4.70	49.38 2.07 -11.58	55.99 2.38 -13.34	59.26 4.08 -0.01	67.84 5.31 -0.01	61.99 4.40 -6.48	59.12 3.39 -12.84	57.34 2.97 -17.18	57.37 2.91 -18.56	57.38 3.00 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.74 3.25 -19.50	62.58 3.70 -19.09	67.76 4.42 -18.25	81.30 5.38 -23.12	85.47 6.01 -18.14	82.22 5.01 -28.04	62.12 4.06 -17.00	60.43 3.52 -19.11	57.62 3.05 -19.48
GOWANUS_GT4_7 24136	56.55 2.05 -16.56	55.89 2.05 -17.95	45.10 2.09 -7.65	42.30 2.09 -4.70	49.38 2.07 -11.58	55.99 2.38 -13.34	59.26 4.08 -0.01	67.84 5.31 -0.01	61.99 4.40 -6.48	59.12 3.39 -12.84	57.34 2.97 -17.18	57.37 2.91 -18.56	57.38 3.00 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.74 3.25 -19.50	62.58 3.70 -19.09	67.76 4.42 -18.25	81.30 5.38 -23.12	85.47 6.01 -18.14	82.22 5.01 -28.04	62.12 4.06 -17.00	60.43 3.52 -19.11	57.62 3.05 -19.48
GOWANUS_GT4_8 24137	56.55 2.05 -16.56	55.89 2.05 -17.95	45.10 2.09 -7.65	42.30 2.09 -4.70	49.38 2.07 -11.58	55.99 2.38 -13.34	59.26 4.08 -0.01	67.84 5.31 -0.01	61.99 4.40 -6.48	59.12 3.39 -12.84	57.34 2.97 -17.18	57.37 2.91 -18.56	57.38 3.00 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.74 3.25 -19.50	62.58 3.70 -19.09	67.76 4.42 -18.25	81.30 5.38 -23.12	85.47 6.01 -18.14	82.22 5.01 -28.04	62.12 4.06 -17.00	60.43 3.52 -19.11	57.62 3.05 -19.48
GREENBSH_115KV_TB3 55895	38.32 0.38 0.00	36.40 0.50 0.00	35.89 0.53 0.00	36.03 0.53 0.00	36.30 0.57 0.00	40.88 0.60 0.00	56.22 1.05 0.00	64.08 1.56 0.00	52.28 1.18 0.00	43.71 0.81 0.00	37.82 0.63 0.00	36.55 0.65 0.00	36.82 0.65 0.00	36.69 0.65 0.00	37.08 0.80 0.00	37.95 0.96 0.00	40.90 1.11 0.00	46.53 1.44 0.00	54.69 1.90 0.00	63.58 2.27 0.00	58.39 1.82 -7.41	47.29 1.52 -4.71	40.19 1.25 -1.13	38.93 1.09 -2.76
GREENDGE_115KV_TB5 80291	38.40 0.46 0.00	36.22 0.32 0.00	35.53 0.18 0.00	35.60 0.11 0.00	35.88 0.14 0.00	40.32 0.04 0.00	54.73 -0.44 0.00	61.40 -1.13 0.00	50.34 -0.77 0.00	42.34 -0.56 0.00	36.67 -0.52 0.00	35.40 -0.50 0.00	35.62 -0.58 -0.04	35.53 -0.54 -0.04	35.70 -0.62 -0.04	36.32 -0.67 0.00	39.03 -0.76 0.00	44.14 -0.99 -0.05	52.09 -0.84 -0.14	60.23 -1.35 -0.26	54.79 -0.98 -6.61	42.40 -0.74 -2.08	36.98 -0.79 0.04	34.15 -0.77 0.16
GREENIDGE___3 23582	38.40 0.46 0.00	36.22 0.32 0.00	35.53 0.18 0.00	35.60 0.11 0.00	35.88 0.14 0.00	40.32 0.04 0.00	54.73 -0.44 0.00	61.40 -1.13 0.00	50.34 -0.77 0.00	42.34 -0.56 0.00	36.67 -0.52 0.00	35.40 -0.50 0.00	35.62 -0.58 -0.04	35.53 -0.54 -0.04	35.70 -0.62 -0.04	36.32 -0.67 0.00	39.03 -0.76 0.00	44.14 -0.99 -0.05	52.09 -0.84 -0.14	60.23 -1.35 -0.26	54.79 -0.98 -6.61	42.40 -0.74 -2.08	36.98 -0.79 0.04	34.15 -0.77 0.16
GREENIDGE___4 23583	38.43 0.49 0.00	36.26 0.36 0.00	35.53 0.18 0.00	35.64 0.14 0.00	35.88 0.14 0.00	40.36 0.08 0.00	55.22 0.06 0.00	61.40 -1.12 0.00	50.39 -0.72 0.00	42.33 -0.56 0.00	36.63 -0.56 0.00	35.40 -0.50 0.00	35.62 -0.58 -0.04	35.53 -0.54 -0.04	35.70 -0.62 -0.04	36.25 -0.74 0.00	38.95 -0.84 0.00	44.14 -0.99 -0.05	52.09 -0.85 -0.14	60.29 -1.29 -0.26	54.79 -0.98 -6.61	42.40 -0.74 -2.08	36.97 -0.80 0.04	34.12 -0.81 0.16
GREENLWN_69_KV_BK 3 55738	40.14 2.20 0.00	38.16 2.26 0.00	37.44 2.09 0.00	37.70 2.20 0.00	38.06 2.32 0.00	42.95 2.66 -0.01	59.37 4.19 -0.01	67.91 5.38 -0.01	55.46 4.34 -0.01	46.28 3.39 0.00	40.01 2.83 0.00	38.53 2.62 0.00	39.02 2.86 0.00	38.67 2.63 0.00	39.25 2.97 0.00	40.32 3.33 0.00	43.62 3.82 -0.01	51.43 4.42 -1.92	58.03 5.23 -0.01	77.66 5.95 -10.40	66.99 4.97 -12.86	55.47 4.11 -10.31	46.44 3.59 -5.04	40.47 3.12 -2.26
GREENWD_138_KV_38B11_REV_LBMP_J 345004	56.55 2.05 -16.56	55.89 2.05 -17.95	45.10 2.09 -7.65	42.30 2.09 -4.70	49.38 2.07 -11.58	55.99 2.38 -13.34	59.26 4.08 -0.01	67.86 5.31 -0.02	61.99 4.40 -6.48	59.12 3.39 -12.84	57.34 2.97 -17.18	57.37 2.91 -18.56	57.38 3.00 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.74 3.25 -19.50	62.58 3.70 -19.09	67.76 4.42 -18.25	101.21 5.38 -43.04	101.11 6.01 -33.78	101.17 5.01 -46.99	62.12 4.06 -17.00	60.43 3.52 -19.11	57.62 3.05 -19.48
GRISSOM___SOLAR 323813	40.03 2.09 0.00	37.98 2.08 0.00	37.41 2.05 0.00	37.59 2.09 0.00	37.91 2.18 0.00	42.90 2.62 0.00	59.36 4.19 0.00	67.08 4.56 0.00	54.17 3.07 0.00	44.95 2.06 0.00	38.63 1.45 0.00	37.13 1.22 0.00	37.50 1.34 0.00	37.41 1.37 0.00	37.69 1.41 0.00	38.76 1.78 0.00	41.98 2.19 0.00	48.10 3.02 0.00	56.70 3.91 0.00	66.34 5.03 0.00	61.45 3.93 -8.35	49.53 3.16 -5.31	41.73 2.65 -1.28	40.47 2.28 -3.11
GROVEVILLE___HYD 323602	39.46 1.52 0.00	37.48 1.58 0.00	36.95 1.59 0.00	37.13 1.63 0.00	37.30 1.57 0.00	42.21 1.93 0.00	58.53 3.37 0.00	66.83 4.31 0.00	54.43 3.32 0.00	45.38 2.49 0.00	39.19 2.01 0.00	37.88 1.97 0.00	38.26 2.10 0.00	38.09 2.05 0.00	38.49 2.21 0.00	39.43 2.44 0.00	42.65 2.86 0.00	48.51 3.43 0.00	57.02 4.22 0.00	66.34 5.03 0.00	59.26 4.08 -6.02	48.18 3.28 -3.83	41.45 2.72 -0.92	39.68 2.35 -2.24
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.13 0.19 0.00	36.04 0.14 0.00	35.43 0.07 0.00	35.57 0.07 0.00	35.80 0.07 0.00	40.32 0.04 0.00	55.06 -0.11 0.00	62.21 -0.31 0.00	50.90 -0.20 0.00	42.76 -0.13 0.00	37.15 -0.04 0.00	35.91 0.00 0.00	36.20 0.04 0.00	36.07 0.04 0.00	36.24 -0.04 0.00	36.91 -0.07 0.00	39.67 -0.12 0.00	44.86 -0.23 0.00	52.74 -0.05 0.00	61.19 -0.12 0.00	49.59 -0.15 -0.58	41.35 -0.08 -0.37	37.90 0.00 -0.09	35.30 0.00 -0.22

HAMLTNNY_34_KV_TB 80303	38.17 0.23 0.00	36.08 0.18 0.00	35.46 0.11 0.00	35.60 0.11 0.00	35.84 0.11 0.00	40.36 0.08 0.00	55.17 0.00 0.00	62.27 -0.25 0.00	50.90 -0.20 0.00	42.85 -0.04 0.00	37.19 0.00 0.00	35.94 0.04 0.00	36.24 0.07 0.00	36.11 0.07 0.00	36.31 0.04 0.00	36.91 -0.07 0.00	39.71 -0.08 0.00	44.90 -0.18 0.00	52.74 -0.05 0.00	61.25 -0.06 0.00	49.68 -0.10 -0.62	41.41 -0.04 -0.39	37.86 -0.04 -0.09	35.31 0.00 -0.23
HAMPSHIRE___PAPER_HYD 323593	37.14 -0.80 0.00	35.14 -0.76 0.00	34.68 -0.67 0.00	34.93 -0.57 0.00	35.16 -0.57 0.00	39.80 -0.48 0.00	54.78 -0.38 0.00	61.96 -0.56 0.00	50.34 -0.77 0.00	42.12 -0.77 0.00	36.37 -0.82 0.00	34.94 -0.97 0.00	35.04 -1.12 0.00	34.96 -1.08 0.00	35.08 -1.20 0.00	35.73 -1.26 0.00	38.40 -1.39 0.00	43.64 -1.44 0.00	51.21 -1.58 0.00	59.54 -1.78 0.00	47.78 -1.52 -0.14	39.76 -1.40 -0.09	36.51 -1.32 -0.02	33.94 -1.19 -0.05
HARDSCRABBLE_WT_PWR 323673	38.36 0.42 0.00	36.33 0.43 0.00	35.85 0.49 0.00	36.06 0.57 0.00	36.27 0.54 0.00	40.96 0.68 0.00	56.21 1.05 0.00	63.65 1.13 0.00	51.52 0.41 0.00	42.81 -0.09 0.00	36.70 -0.48 0.00	35.19 -0.72 0.00	35.26 -0.90 0.00	35.03 -1.01 0.00	35.15 -1.12 0.00	35.80 -1.19 0.00	38.44 -1.35 0.00	43.60 -1.49 0.00	51.26 -1.53 0.00	59.66 -1.65 0.00	47.78 -1.38 0.00	39.91 -1.15 0.00	36.75 -1.06 0.00	33.99 -1.09 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	39.15 1.21 0.00	37.15 1.26 0.00	36.59 1.24 0.00	36.78 1.28 0.00	37.02 1.29 0.00	41.81 1.53 0.00	57.93 2.76 0.00	66.21 3.69 0.00	53.92 2.81 0.00	44.99 2.10 0.00	38.97 1.78 0.00	37.67 1.76 0.00	38.01 1.84 0.00	37.84 1.80 0.00	38.20 1.92 0.00	39.10 2.11 0.00	42.30 2.51 0.00	48.06 2.98 0.00	56.49 3.70 0.00	65.67 4.35 0.00	58.32 3.54 -5.62	47.47 2.83 -3.57	41.01 2.34 -0.86	39.18 2.00 -2.09
HARSNRAD_115KV_TB1 81005	36.73 -1.21 0.00	34.35 -1.54 0.00	33.69 -1.66 0.00	33.72 -1.77 0.00	33.98 -1.75 0.00	37.66 -2.62 0.00	50.53 -4.63 0.00	55.64 -6.88 0.00	45.38 -5.72 0.00	39.29 -3.60 0.00	34.47 -2.71 0.00	33.54 -2.37 0.00	33.86 -2.28 0.02	33.99 -2.02 0.02	33.93 -2.32 0.02	34.44 -2.55 0.00	36.37 -3.42 0.00	40.48 -4.55 0.05	43.02 -5.17 4.60	45.56 -5.58 10.18	41.09 -4.33 3.75	37.09 -3.61 0.36	34.55 -3.33 -0.07	32.15 -3.09 -0.15
HARZA MOOSE___RIVER 24016	38.21 0.27 0.00	36.15 0.25 0.00	35.64 0.28 0.00	35.92 0.43 0.00	36.16 0.43 0.00	40.92 0.64 0.00	56.33 1.16 0.00	63.77 1.25 0.00	51.82 0.72 0.00	43.32 0.43 0.00	37.37 0.19 0.00	36.01 0.11 0.00	36.06 -0.11 0.00	36.00 -0.04 0.00	36.13 -0.15 0.00	36.84 -0.15 0.00	39.55 -0.24 0.00	45.04 -0.05 0.00	53.06 0.26 0.00	61.81 0.49 0.00	49.54 0.20 -0.18	41.26 0.08 -0.12	37.87 0.04 -0.03	35.11 -0.04 -0.07
HDSNBRDG_115KV_BRDG_TB1 355580	37.83 -0.11 0.00	35.75 -0.14 0.00	35.18 -0.18 0.00	35.29 -0.21 0.00	35.55 -0.18 0.00	40.04 -0.24 0.00	54.67 -0.50 0.00	61.77 -0.75 0.00	50.49 -0.61 0.00	42.46 -0.43 0.00	36.89 -0.30 0.00	35.69 -0.22 0.00	35.98 -0.18 0.00	35.86 -0.18 0.00	36.06 -0.22 0.00	36.65 -0.33 0.00	39.39 -0.40 0.00	44.59 -0.50 0.00	52.37 -0.42 0.00	60.82 -0.49 0.00	49.24 -0.44 -0.52	41.07 -0.33 -0.33	37.62 -0.26 -0.08	35.07 -0.21 -0.20
HELLGATE_13_KV_LD 55870	39.69 1.75 0.00	37.66 1.76 0.00	37.16 1.80 0.00	37.31 1.81 0.00	37.55 1.82 0.00	42.33 2.05 0.00	58.81 3.64 0.00	67.34 4.81 0.00	55.40 4.04 -0.26	46.46 3.09 -0.48	40.57 2.75 -0.64	39.32 2.73 -0.69	39.66 2.82 -0.67	39.46 2.74 -0.68	40.31 2.83 -1.20	41.85 3.03 -1.83	46.04 3.50 -2.75	51.86 4.15 -2.63	57.76 4.96 0.00	66.83 5.52 0.00	59.83 4.62 -6.05	48.64 3.74 -3.85	41.95 3.21 -0.92	40.11 2.77 -2.25
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	39.69 1.75 0.00	37.66 1.76 0.00	37.16 1.80 0.00	37.31 1.81 0.00	37.55 1.82 0.00	42.33 2.05 0.00	58.81 3.64 0.00	67.34 4.81 0.00	55.40 4.04 -0.26	46.46 3.09 -0.48	40.57 2.75 -0.64	39.32 2.73 -0.69	39.66 2.82 -0.67	39.46 2.74 -0.68	40.31 2.83 -1.20	41.85 3.03 -1.83	46.04 3.50 -2.75	51.86 4.15 -2.63	57.76 4.96 0.00	66.83 5.52 0.00	59.83 4.62 -6.05	48.64 3.74 -3.85	41.95 3.21 -0.92	40.11 2.77 -2.25
HEMPSTEAD____ 23647	39.87 1.93 0.00	37.83 1.94 0.00	37.19 1.84 0.00	37.45 1.95 0.00	37.73 2.00 0.00	42.55 2.25 -0.01	58.99 3.80 -0.01	67.54 5.00 -0.01	55.06 3.94 -0.01	46.07 3.17 0.00	39.83 2.64 0.00	38.35 2.44 0.00	38.84 2.68 0.00	38.45 2.41 0.00	39.00 2.72 0.00	40.06 3.07 0.00	43.34 3.54 -0.01	51.95 4.06 -2.81	57.61 4.80 -0.01	82.00 5.52 -15.16	69.66 4.52 -15.98	58.06 3.74 -13.26	47.99 3.25 -6.93	40.26 2.91 -2.27
HEWLETT_69_KV_BK3 55828	40.14 2.20 0.00	38.12 2.23 0.00	37.44 2.09 0.00	37.70 2.20 0.00	37.98 2.25 0.00	42.87 2.58 -0.01	59.38 4.19 -0.01	67.91 5.38 -0.01	55.42 4.29 -0.01	46.24 3.35 0.00	39.98 2.79 0.00	38.53 2.62 0.00	38.99 2.82 0.00	38.67 2.63 0.00	39.18 2.90 0.00	40.21 3.22 0.00	43.50 3.70 -0.01	52.41 4.28 -3.04	57.88 5.07 -0.01	83.52 5.76 -16.44	70.74 4.77 -16.82	59.10 3.98 -14.06	48.72 3.48 -7.43	40.44 3.09 -2.27
HICKLING___1 23621	38.28 0.34 0.00	36.08 0.18 0.00	35.39 0.04 0.00	35.46 -0.04 0.00	35.70 -0.04 0.00	39.96 -0.32 0.00	54.62 -0.55 0.00	61.08 -1.44 0.00	49.68 -1.43 0.00	41.91 -0.99 0.00	36.37 -0.82 0.00	35.12 -0.79 0.00	35.17 -1.01 -0.01	35.08 -0.97 -0.01	35.35 -0.94 -0.01	36.03 -0.96 0.00	38.64 -1.15 0.00	43.46 -1.62 0.00	48.47 -1.64 2.68	53.49 -1.84 5.99	50.23 -1.67 -2.74	41.05 -1.40 -1.39	36.55 -1.29 -0.03	33.82 -1.26 0.00
HICKLING___2 23622	38.28 0.34 0.00	36.08 0.18 0.00	35.39 0.04 0.00	35.46 -0.04 0.00	35.70 -0.04 0.00	39.96 -0.32 0.00	54.62 -0.55 0.00	61.08 -1.44 0.00	49.68 -1.43 0.00	41.91 -0.99 0.00	36.37 -0.82 0.00	35.12 -0.79 0.00	35.17 -1.01 -0.01	35.08 -0.97 -0.01	35.35 -0.94 -0.01	36.03 -0.96 0.00	38.64 -1.15 0.00	43.46 -1.62 0.00	48.47 -1.64 2.68	53.49 -1.84 5.99	50.23 -1.67 -2.74	41.05 -1.40 -1.39	36.55 -1.29 -0.03	33.82 -1.26 0.00
HIGH FALLS___HY 23754	39.31 1.37 0.00	37.30 1.40 0.00	36.73 1.38 0.00	36.95 1.46 0.00	37.13 1.39 0.00	42.01 1.73 0.00	58.26 3.09 0.00	66.52 4.00 0.00	54.17 3.07 0.00	45.12 2.23 0.00	39.01 1.82 0.00	37.74 1.83 0.00	38.08 1.92 0.00	37.87 1.84 0.00	38.27 2.00 0.00	39.17 2.18 0.00	42.38 2.59 0.00	48.24 3.16 0.00	56.75 3.96 0.00	65.98 4.66 0.00	59.01 3.83 -6.01	47.96 3.08 -3.82	41.26 2.53 -0.92	39.53 2.21 -2.24
HIGH_RIVER___SOLAR 323847	39.35 1.40 0.00	37.33 1.44 0.00	36.77 1.42 0.00	36.95 1.46 0.00	37.23 1.50 0.00	42.05 1.77 0.00	58.04 2.87 0.00	65.71 3.19 0.00	53.20 2.10 0.00	44.18 1.29 0.00	38.04 0.86 0.00	36.63 0.72 0.00	37.00 0.83 0.00	36.90 0.86 0.00	37.26 0.98 0.00	38.28 1.29 0.00	41.42 1.63 0.00	47.38 2.30 0.00	55.80 3.01 0.00	65.06 3.74 0.00	60.16 2.95 -8.05	48.60 2.42 -5.12	41.08 2.04 -1.23	39.83 1.75 -3.00

HILLBURN___GT 23639	39.12 1.18 0.00	37.12 1.22 0.00	36.59 1.24 0.00	36.77 1.28 0.00	36.98 1.25 0.00	41.73 1.45 0.00	57.98 2.81 0.00	66.34 3.81 0.00	53.97 2.86 0.00	45.12 2.23 0.00	39.19 2.01 0.00	37.84 1.94 0.00	38.19 2.02 0.00	37.95 1.91 0.00	38.31 2.03 0.00	39.32 2.33 0.00	42.41 2.63 0.00	48.19 3.11 0.00	56.54 3.75 0.00	65.79 4.47 0.00	58.50 3.64 -5.70	47.60 2.92 -3.62	41.13 2.46 -0.87	39.31 2.10 -2.12
HILLSIDE_115KV_TB1 80332	37.71 -0.23 0.00	35.50 -0.39 0.00	34.86 -0.49 0.00	34.93 -0.57 0.00	35.20 -0.54 0.00	39.39 -0.89 0.00	53.90 -1.27 0.00	60.33 -2.19 0.00	49.06 -2.04 0.00	41.43 -1.46 0.00	36.00 -1.19 0.00	34.83 -1.08 0.00	34.87 -1.30 -0.01	34.82 -1.23 -0.01	35.09 -1.20 -0.01	35.77 -1.22 0.00	38.32 -1.47 0.00	43.10 -1.98 0.00	48.11 -2.11 2.57	53.25 -2.33 5.73	49.77 -2.02 -2.62	40.71 -1.72 -1.37	36.31 -1.55 -0.05	33.63 -1.51 -0.06
HISHELDN_WT_PWR 323625	37.22 -0.72 0.00	34.96 -0.93 0.00	34.15 -1.20 0.00	34.11 -1.38 0.00	34.30 -1.43 0.00	38.27 -2.01 0.00	51.58 -3.59 0.00	56.89 -5.63 0.00	46.41 -4.70 0.00	39.20 -3.69 0.00	33.91 -3.27 0.00	32.85 -3.05 0.00	32.83 -3.22 0.12	32.82 -3.10 0.12	32.93 -3.23 0.12	33.47 -3.51 0.00	35.81 -3.98 0.00	39.96 -4.87 0.25	29.18 -5.44 18.18	14.91 -6.19 40.21	23.28 -5.01 20.87	33.02 -4.19 3.85	33.98 -3.89 -0.06	31.55 -3.65 -0.12
HOLTSVILLE_IC_1 23690	40.18 2.24 0.00	38.16 2.26 0.00	37.44 2.09 0.00	37.77 2.27 0.00	38.13 2.39 0.00	43.15 2.86 -0.01	59.59 4.42 -0.01	68.22 5.69 -0.01	55.56 4.44 -0.01	46.45 3.56 0.00	40.12 2.94 0.00	38.53 2.62 0.00	39.09 2.93 0.00	38.63 2.60 0.00	39.18 2.90 0.00	40.20 3.22 0.00	43.70 3.90 -0.01	51.81 4.83 -1.90	58.51 5.70 -0.01	78.07 6.50 -10.25	67.43 5.50 -12.77	55.83 4.56 -10.22	46.65 3.86 -4.98	40.71 3.37 -2.26
HOLTSVILLE_IC_10 23699	40.37 2.43 0.00	38.30 2.41 0.00	37.58 2.23 0.00	37.91 2.42 0.00	38.31 2.57 0.00	43.35 3.06 -0.01	59.92 4.75 -0.01	68.53 6.00 -0.01	55.82 4.70 -0.01	46.62 3.73 0.00	40.27 3.08 0.00	38.63 2.73 0.00	39.20 3.04 0.00	38.77 2.74 0.00	39.33 3.05 0.00	40.35 3.37 0.00	43.90 4.10 -0.01	52.04 5.05 -1.91	58.82 6.02 -0.01	78.49 6.87 -10.31	67.76 5.80 -12.80	56.11 4.80 -10.25	46.90 4.08 -5.01	40.89 3.54 -2.26
HOLTSVILLE_IC_2 23691	40.18 2.24 0.00	38.16 2.26 0.00	37.44 2.09 0.00	37.77 2.27 0.00	38.13 2.39 0.00	43.15 2.86 -0.01	59.59 4.42 -0.01	68.22 5.69 -0.01	55.56 4.44 -0.01	46.45 3.56 0.00	40.12 2.94 0.00	38.53 2.62 0.00	39.09 2.93 0.00	38.63 2.60 0.00	39.18 2.90 0.00	40.20 3.22 0.00	43.70 3.90 -0.01	51.81 4.83 -1.90	58.51 5.70 -0.01	78.07 6.50 -10.25	67.43 5.50 -12.77	55.83 4.56 -10.22	46.65 3.86 -4.98	40.71 3.37 -2.26
HOLTSVILLE_IC_3 23692	40.18 2.24 0.00	38.16 2.26 0.00	37.44 2.09 0.00	37.77 2.27 0.00	38.13 2.39 0.00	43.15 2.86 -0.01	59.59 4.42 -0.01	68.22 5.69 -0.01	55.56 4.44 -0.01	46.45 3.56 0.00	40.12 2.94 0.00	38.53 2.62 0.00	39.09 2.93 0.00	38.63 2.60 0.00	39.18 2.90 0.00	40.20 3.22 0.00	43.70 3.90 -0.01	51.81 4.83 -1.90	58.51 5.70 -0.01	78.07 6.50 -10.25	67.43 5.50 -12.77	55.83 4.56 -10.22	46.65 3.86 -4.98	40.71 3.37 -2.26
HOLTSVILLE_IC_4 23693	40.18 2.24 0.00	38.16 2.26 0.00	37.44 2.09 0.00	37.77 2.27 0.00	38.13 2.39 0.00	43.15 2.86 -0.01	59.59 4.42 -0.01	68.22 5.69 -0.01	55.56 4.44 -0.01	46.45 3.56 0.00	40.12 2.94 0.00	38.53 2.62 0.00	39.09 2.93 0.00	38.63 2.60 0.00	39.18 2.90 0.00	40.20 3.22 0.00	43.70 3.90 -0.01	51.81 4.83 -1.90	58.51 5.70 -0.01	78.07 6.50 -10.25	67.43 5.50 -12.77	55.83 4.56 -10.22	46.65 3.86 -4.98	40.71 3.37 -2.26
HOLTSVILLE_IC_5 23694	40.18 2.24 0.00	38.16 2.26 0.00	37.44 2.09 0.00	37.77 2.27 0.00	38.13 2.39 0.00	43.15 2.86 -0.01	59.59 4.42 -0.01	68.22 5.69 -0.01	55.56 4.44 -0.01	46.45 3.56 0.00	40.12 2.94 0.00	38.53 2.62 0.00	39.09 2.93 0.00	38.63 2.60 0.00	39.18 2.90 0.00	40.20 3.22 0.00	43.70 3.90 -0.01	51.81 4.83 -1.90	58.51 5.70 -0.01	78.07 6.50 -10.25	67.43 5.50 -12.77	55.83 4.56 -10.22	46.65 3.86 -4.98	40.71 3.37 -2.26
HOLTSVILLE_IC_6 23695	40.37 2.43 0.00	38.30 2.41 0.00	37.58 2.23 0.00	37.91 2.42 0.00	38.31 2.57 0.00	43.35 3.06 -0.01	59.92 4.75 -0.01	68.53 6.00 -0.01	55.82 4.70 -0.01	46.62 3.73 0.00	40.27 3.08 0.00	38.63 2.73 0.00	39.20 3.04 0.00	38.77 2.74 0.00	39.33 3.05 0.00	40.35 3.37 0.00	43.90 4.10 -0.01	52.04 5.05 -1.91	58.82 6.02 -0.01	78.49 6.87 -10.31	67.76 5.80 -12.80	56.11 4.80 -10.25	46.90 4.08 -5.01	40.89 3.54 -2.26
HOLTSVILLE_IC_7 23696	40.37 2.43 0.00	38.30 2.41 0.00	37.58 2.23 0.00	37.91 2.42 0.00	38.31 2.57 0.00	43.35 3.06 -0.01	59.92 4.75 -0.01	68.53 6.00 -0.01	55.82 4.70 -0.01	46.62 3.73 0.00	40.27 3.08 0.00	38.63 2.73 0.00	39.20 3.04 0.00	38.77 2.74 0.00	39.33 3.05 0.00	40.35 3.37 0.00	43.90 4.10 -0.01	52.04 5.05 -1.91	58.82 6.02 -0.01	78.49 6.87 -10.31	67.76 5.80 -12.80	56.11 4.80 -10.25	46.90 4.08 -5.01	40.89 3.54 -2.26
HOLTSVILLE_IC_8 23697	40.37 2.43 0.00	38.30 2.41 0.00	37.58 2.23 0.00	37.91 2.42 0.00	38.31 2.57 0.00	43.35 3.06 -0.01	59.92 4.75 -0.01	68.53 6.00 -0.01	55.82 4.70 -0.01	46.62 3.73 0.00	40.27 3.08 0.00	38.63 2.73 0.00	39.20 3.04 0.00	38.77 2.74 0.00	39.33 3.05 0.00	40.35 3.37 0.00	43.90 4.10 -0.01	52.04 5.05 -1.91	58.82 6.02 -0.01	78.49 6.87 -10.31	67.76 5.80 -12.80	56.11 4.80 -10.25	46.90 4.08 -5.01	40.89 3.54 -2.26
HOLTSVILLE_IC_9 23698	40.37 2.43 0.00	38.30 2.41 0.00	37.58 2.23 0.00	37.91 2.42 0.00	38.31 2.57 0.00	43.35 3.06 -0.01	59.92 4.75 -0.01	68.53 6.00 -0.01	55.82 4.70 -0.01	46.62 3.73 0.00	40.27 3.08 0.00	38.63 2.73 0.00	39.20 3.04 0.00	38.77 2.74 0.00	39.33 3.05 0.00	40.35 3.37 0.00	43.90 4.10 -0.01	52.04 5.05 -1.91	58.82 6.02 -0.01	78.49 6.87 -10.31	67.76 5.80 -12.80	56.11 4.80 -10.25	46.90 4.08 -5.01	40.89 3.54 -2.26
HOMER_HL_115KV_TB2 355744	37.22 -0.72 0.00	34.89 -1.01 0.00	34.19 -1.17 0.00	34.22 -1.28 0.00	34.48 -1.25 0.00	38.35 -1.93 0.00	52.30 -2.87 0.00	57.83 -4.69 0.00	46.71 -4.40 0.00	39.93 -2.96 0.00	34.81 -2.38 0.00	33.72 -2.19 0.00	33.13 -3.04 0.00	33.37 -2.67 0.00	33.96 -2.32 0.00	34.62 -2.37 0.00	36.81 -2.98 0.00	40.70 -4.37 0.01	45.57 -5.12 2.10	50.93 -5.70 4.68	44.79 -5.06 -0.69	37.50 -4.27 -0.71	34.40 -3.48 -0.07	31.61 -3.61 -0.14
HOWARD_WT_PWR 323690	38.51 0.57 0.00	36.26 0.36 0.00	35.43 0.07 0.00	35.39 -0.11 0.00	35.63 -0.11 0.00	39.92 -0.36 0.00	54.40 -0.77 0.00	60.27 -2.25 0.00	48.96 -2.14 0.00	40.83 -2.06 0.00	34.96 -2.23 0.00	33.57 -2.33 0.00	33.57 -2.68 -0.08	33.37 -2.74 -0.08	33.60 -2.76 -0.08	33.88 -3.11 0.00	36.21 -3.58 0.00	41.11 -4.10 -0.13	54.25 -4.49 -5.94	69.19 -5.21 -13.08	58.93 -4.33 -14.09	41.13 -3.61 -3.68	34.40 -3.40 0.01	31.70 -3.30 0.08

HQ_GEN_CEDARS 23644	38.24 0.30 0.00	36.18 0.29 0.00	35.71 0.35 0.00	35.82 0.32 0.00	36.05 0.32 0.00	40.68 0.40 0.00	55.78 0.61 0.00	63.08 0.56 0.00	51.52 0.41 0.00	43.28 0.39 0.00	37.52 0.33 0.00	36.09 0.18 0.00	36.31 0.14 0.00	36.18 0.14 0.00	36.39 0.11 0.00	37.06 0.07 0.00	39.83 0.04 0.00	45.08 0.00 0.00	52.48 -0.32 0.00	60.89 -0.43 0.00	48.82 -0.34 0.00	40.65 -0.41 0.00	37.51 -0.30 0.00	34.91 -0.18 0.00
HQ_GEN_CEDARS_PROXY 323590	38.24 0.30 0.00	36.18 0.29 0.00	35.71 0.35 0.00	35.82 0.32 0.00	36.05 0.32 0.00	40.68 0.40 0.00	55.78 0.61 0.00	63.08 0.56 0.00	51.52 0.41 0.00	42.53 0.39 0.75	38.27 0.33 -0.75	36.09 0.18 0.00	36.31 0.15 0.00	36.18 0.14 0.00	36.39 0.11 0.00	37.06 0.07 0.00	39.83 0.04 0.00	45.08 0.00 0.00	52.48 -0.31 0.00	60.76 -0.55 0.00	48.82 -0.34 0.00	40.65 -0.41 0.00	37.75 -0.30 -0.25	34.66 -0.17 0.25
HQ_GEN_IMPORT 323601	37.90 -0.04 0.00	35.86 -0.04 0.00	35.36 0.00 0.00	35.46 -0.04 0.00	35.73 0.00 0.00	40.28 0.00 0.00	55.11 -0.06 0.00	62.46 -0.06 0.00	51.16 0.05 0.00	42.18 0.04 0.75	37.98 0.04 -0.75	35.91 0.00 0.00	36.13 -0.04 0.00	35.97 -0.07 0.00	36.21 -0.07 0.00	36.91 -0.07 0.00	39.67 -0.12 0.00	44.90 -0.18 0.00	52.37 -0.42 0.00	60.70 -0.61 0.00	48.72 -0.44 0.00	40.65 -0.41 0.00	37.71 -0.34 -0.25	34.59 -0.24 0.25
HQ_GEN_WHEEL 23651	37.90 -0.04 0.00	35.86 -0.04 0.00	35.36 0.00 0.00	35.46 -0.04 0.00	35.73 0.00 0.00	40.28 0.00 0.00	55.11 -0.06 0.00	62.46 -0.06 0.00	51.16 0.05 0.00	42.18 0.04 0.75	37.98 0.04 -0.75	35.91 0.00 0.00	36.13 -0.04 0.00	35.97 -0.07 0.00	36.21 -0.07 0.00	36.91 -0.07 0.00	39.67 -0.12 0.00	44.90 -0.18 0.00	52.37 -0.42 0.00	60.70 -0.61 0.00	48.72 -0.44 0.00	40.65 -0.41 0.00	37.71 -0.34 -0.25	34.59 -0.24 0.25
HUDSON AVE_GT_3 23810	39.57 1.63 0.00	37.55 1.65 0.00	37.02 1.66 0.00	37.20 1.70 0.00	37.41 1.68 0.00	42.21 1.93 0.00	58.70 3.53 0.00	67.27 4.75 0.00	54.99 3.88 0.00	45.85 2.96 0.00	39.79 2.60 0.00	38.49 2.59 0.00	38.84 2.68 0.00	38.67 2.63 0.00	39.00 2.72 0.00	39.91 2.92 0.00	43.13 3.34 0.00	49.10 4.01 0.00	57.60 4.80 0.00	66.77 5.46 0.00	59.73 4.52 -6.05	48.56 3.65 -3.85	41.83 3.10 -0.92	39.97 2.63 -2.25
HUDSON AVE_GT_4 23540	39.57 1.63 0.00	37.55 1.65 0.00	37.02 1.66 0.00	37.20 1.70 0.00	37.41 1.68 0.00	42.21 1.93 0.00	58.70 3.53 0.00	67.27 4.75 0.00	54.99 3.88 0.00	45.85 2.96 0.00	39.79 2.60 0.00	38.49 2.59 0.00	38.84 2.68 0.00	38.67 2.63 0.00	39.00 2.72 0.00	39.91 2.92 0.00	43.13 3.34 0.00	49.10 4.01 0.00	57.60 4.80 0.00	66.77 5.46 0.00	59.73 4.52 -6.05	48.56 3.65 -3.85	41.83 3.10 -0.92	39.97 2.63 -2.25
HUDSON AVE_GT_5 23657	39.57 1.63 0.00	37.55 1.65 0.00	37.02 1.66 0.00	37.20 1.70 0.00	37.41 1.68 0.00	42.21 1.93 0.00	58.70 3.53 0.00	67.27 4.75 0.00	54.99 3.88 0.00	45.85 2.96 0.00	39.79 2.60 0.00	38.49 2.59 0.00	38.84 2.68 0.00	38.67 2.63 0.00	39.00 2.72 0.00	39.91 2.92 0.00	43.13 3.34 0.00	49.10 4.01 0.00	57.60 4.80 0.00	66.77 5.46 0.00	59.73 4.52 -6.05	48.56 3.65 -3.85	41.83 3.10 -0.92	39.97 2.63 -2.25
HUDSON_AVE_10 24168	39.50 1.56 0.00	37.48 1.58 0.00	36.91 1.56 0.00	37.10 1.60 0.00	37.34 1.61 0.00	42.13 1.85 0.00	58.59 3.42 0.00	67.15 4.63 0.00	54.89 3.78 0.00	45.72 2.83 0.00	39.71 2.53 0.00	38.42 2.51 0.00	38.77 2.60 0.00	38.56 2.52 0.00	38.93 2.65 0.00	39.84 2.85 0.00	43.05 3.26 0.00	49.05 3.97 0.00	57.49 4.70 0.00	66.71 5.40 0.00	59.69 4.47 -6.05	48.52 3.61 -3.85	41.76 3.02 -0.92	39.93 2.60 -2.25
HUDSON___115KV_TB 4 355613	38.97 1.02 0.00	37.04 1.15 0.00	36.52 1.17 0.00	36.67 1.17 0.00	36.95 1.21 0.00	41.65 1.37 0.00	57.38 2.21 0.00	65.21 2.69 0.00	52.95 1.84 0.00	44.14 1.24 0.00	38.04 0.86 0.00	36.66 0.75 0.00	36.96 0.80 0.00	36.87 0.83 0.00	37.29 1.02 0.00	38.24 1.26 0.00	41.34 1.55 0.00	47.07 1.98 0.00	55.54 2.75 0.00	64.69 3.37 0.00	58.70 2.31 -7.23	47.59 1.93 -4.60	40.46 1.55 -1.11	39.14 1.37 -2.69
HUNTER MOUNT___DRP 323613	39.12 1.18 0.00	37.15 1.26 0.00	36.66 1.31 0.00	36.81 1.31 0.00	37.09 1.36 0.00	41.85 1.57 0.00	57.65 2.48 0.00	65.46 2.94 0.00	53.05 1.94 0.00	44.18 1.29 0.00	38.00 0.82 0.00	36.63 0.72 0.00	36.92 0.76 0.00	36.83 0.79 0.00	37.33 1.05 0.00	38.24 1.26 0.00	41.34 1.55 0.00	47.11 2.03 0.00	55.64 2.85 0.00	64.87 3.56 0.00	58.38 2.16 -7.05	47.27 1.72 -4.49	40.25 1.36 -1.08	38.97 1.26 -2.63
HUNTINGTON_RES_REC 323705	40.22 2.28 0.00	38.16 2.26 0.00	37.48 2.12 0.00	37.77 2.27 0.00	38.13 2.39 0.00	43.03 2.74 -0.01	59.53 4.36 -0.01	68.09 5.56 -0.01	55.51 4.40 -0.01	46.45 3.56 0.00	40.12 2.94 0.00	38.56 2.66 0.00	39.09 2.93 0.00	38.67 2.63 0.00	39.22 2.94 0.00	40.28 3.29 0.00	43.74 3.94 -0.01	51.68 4.69 -1.90	58.40 5.59 -0.01	77.98 6.38 -10.29	67.26 5.31 -12.79	55.69 4.40 -10.24	46.62 3.82 -5.00	40.71 3.37 -2.26
HUNTLEY___63 23557	37.11 -0.83 0.00	34.57 -1.33 0.00	33.87 -1.48 0.00	33.90 -1.60 0.00	34.16 -1.57 0.00	37.90 -2.38 0.00	50.92 -4.25 0.00	55.96 -6.56 0.00	45.69 -5.42 0.00	39.68 -3.22 0.00	34.81 -2.38 0.00	33.90 -2.01 0.00	34.19 -1.95 0.02	34.40 -1.62 0.02	34.30 -1.96 0.02	34.81 -2.18 0.00	36.69 -3.10 0.00	40.76 -4.28 0.04	44.08 -4.91 3.81	47.67 -5.21 8.43	42.45 -4.08 2.63	37.54 -3.41 0.11	34.78 -3.10 -0.07	32.33 -2.91 -0.16
HUNTLEY___64 23558	37.11 -0.83 0.00	34.57 -1.33 0.00	33.87 -1.48 0.00	33.90 -1.60 0.00	34.16 -1.57 0.00	37.90 -2.38 0.00	50.92 -4.25 0.00	55.96 -6.56 0.00	45.69 -5.42 0.00	39.68 -3.22 0.00	34.81 -2.38 0.00	33.90 -2.01 0.00	34.19 -1.95 0.02	34.40 -1.62 0.02	34.30 -1.96 0.02	34.81 -2.18 0.00	36.69 -3.10 0.00	40.76 -4.28 0.04	44.08 -4.91 3.81	47.67 -5.21 8.43	42.45 -4.08 2.63	37.54 -3.41 0.11	34.78 -3.10 -0.07	32.33 -2.91 -0.16
HUNTLEY___65 23559	37.11 -0.83 0.00	34.57 -1.33 0.00	33.87 -1.48 0.00	33.90 -1.60 0.00	34.16 -1.57 0.00	37.90 -2.38 0.00	50.92 -4.25 0.00	55.96 -6.56 0.00	45.69 -5.42 0.00	39.68 -3.22 0.00	34.81 -2.38 0.00	33.90 -2.01 0.00	34.19 -1.95 0.02	34.40 -1.62 0.02	34.30 -1.96 0.02	34.81 -2.18 0.00	36.69 -3.10 0.00	40.76 -4.28 0.04	44.08 -4.91 3.81	47.67 -5.21 8.43	42.45 -4.08 2.63	37.54 -3.41 0.11	34.78 -3.10 -0.07	32.33 -2.91 -0.16
HUNTLEY___66 23560	37.11 -0.83 0.00	34.57 -1.33 0.00	33.87 -1.48 0.00	33.90 -1.60 0.00	34.16 -1.57 0.00	37.90 -2.38 0.00	50.92 -4.25 0.00	55.96 -6.56 0.00	45.69 -5.42 0.00	39.68 -3.22 0.00	34.81 -2.38 0.00	33.90 -2.01 0.00	34.19 -1.95 0.02	34.40 -1.62 0.02	34.30 -1.96 0.02	34.81 -2.18 0.00	36.69 -3.10 0.00	40.76 -4.28 0.04	44.08 -4.91 3.81	47.67 -5.21 8.43	42.45 -4.08 2.63	37.54 -3.41 0.11	34.78 -3.10 -0.07	32.33 -2.91 -0.16

HUNTLEY___67 23561	36.80 -1.14 0.00	34.32 -1.58 0.00	33.66 -1.70 0.00	33.69 -1.81 0.00	33.95 -1.79 0.00	37.70 -2.58 0.00	50.70 -4.47 0.00	55.77 -6.75 0.00	45.54 -5.57 0.00	39.46 -3.43 0.00	34.66 -2.53 0.00	33.75 -2.15 0.00	34.05 -2.10 0.02	34.18 -1.84 0.02	34.16 -2.10 0.02	34.62 -2.37 0.00	36.57 -3.22 0.00	40.58 -4.46 0.04	44.00 -5.07 3.72	47.67 -5.40 8.25	42.45 -4.23 2.48	37.41 -3.57 0.08	34.63 -3.25 -0.07	32.19 -3.05 -0.16
HUNTLEY___68 23562	36.80 -1.14 0.00	34.32 -1.58 0.00	33.66 -1.70 0.00	33.69 -1.81 0.00	33.95 -1.79 0.00	37.70 -2.58 0.00	50.70 -4.47 0.00	55.77 -6.75 0.00	45.54 -5.57 0.00	39.46 -3.43 0.00	34.66 -2.53 0.00	33.75 -2.15 0.00	34.05 -2.10 0.02	34.18 -1.84 0.02	34.16 -2.10 0.02	34.62 -2.37 0.00	36.57 -3.22 0.00	40.58 -4.46 0.04	44.00 -5.07 3.72	47.67 -5.40 8.25	42.45 -4.23 2.48	37.41 -3.57 0.08	34.63 -3.25 -0.07	32.19 -3.05 -0.16
HYLAND___LFG 323620	39.19 1.25 0.00	36.87 0.97 0.00	36.03 0.67 0.00	36.14 0.64 0.00	36.34 0.61 0.00	40.92 0.64 0.00	55.66 0.50 0.00	61.83 -0.69 0.00	49.73 -1.38 0.00	41.74 -1.16 0.00	35.88 -1.30 0.00	34.62 -1.29 0.00	34.69 -1.55 -0.08	34.64 -1.48 -0.08	34.87 -1.49 -0.08	35.29 -1.70 0.00	37.96 -1.83 0.00	43.48 -1.76 -0.15	60.21 -1.32 -8.74	79.93 -0.67 -19.29	64.00 -0.64 -15.48	44.41 -0.45 -3.80	37.02 -0.83 -0.05	34.21 -0.95 -0.08
INDECK___CORINTH 23802	40.10 2.16 0.00	38.12 2.23 0.00	37.62 2.26 0.00	37.77 2.27 0.00	38.13 2.39 0.00	43.10 2.82 0.00	60.08 4.91 0.00	68.15 5.63 0.00	55.14 4.04 0.00	45.94 3.05 0.00	39.38 2.19 0.00	37.81 1.90 0.00	38.01 1.84 0.00	37.98 1.94 0.00	38.42 2.14 0.00	39.54 2.55 0.00	42.73 2.94 0.00	48.78 3.70 0.00	57.23 4.44 0.00	67.02 5.70 0.00	61.34 4.47 -7.70	49.53 3.57 -4.90	42.01 3.03 -1.18	40.55 2.60 -2.87
INDECK___ILION 23567	38.51 0.57 0.00	36.47 0.57 0.00	35.99 0.64 0.00	36.17 0.67 0.00	36.41 0.68 0.00	41.12 0.85 0.00	56.49 1.32 0.00	63.96 1.44 0.00	51.77 0.66 0.00	42.98 0.09 0.00	36.81 -0.37 0.00	35.33 -0.57 0.00	35.41 -0.76 0.00	35.17 -0.86 0.00	35.30 -0.98 0.00	35.91 -1.07 0.00	38.60 -1.19 0.00	43.82 -1.26 0.00	51.53 -1.27 0.00	59.97 -1.35 0.00	47.98 -1.18 0.00	40.07 -0.99 0.00	36.90 -0.91 0.00	34.13 -0.95 0.00
INDECK___OLEAN 23982	37.22 -0.72 0.00	34.96 -0.93 0.00	34.19 -1.17 0.00	34.22 -1.28 0.00	34.52 -1.22 0.00	38.39 -1.89 0.00	52.36 -2.81 0.00	57.77 -4.75 0.00	46.82 -4.29 0.00	39.85 -3.04 0.00	34.77 -2.42 0.00	33.75 -2.15 0.00	33.13 -3.04 0.00	33.34 -2.70 0.00	33.93 -2.36 0.00	34.51 -2.48 0.00	36.73 -3.06 0.00	40.70 -4.37 0.01	45.57 -5.12 2.10	50.81 -5.83 4.68	44.83 -5.01 -0.69	37.50 -4.27 -0.71	34.48 -3.40 -0.07	31.72 -3.51 -0.14
INDECK___OSWEGO 23783	37.37 -0.57 0.00	35.36 -0.54 0.00	34.79 -0.57 0.00	34.93 -0.57 0.00	35.12 -0.61 0.00	39.55 -0.72 0.00	54.07 -1.10 0.00	61.09 -1.44 0.00	49.93 -1.17 0.00	41.95 -0.94 0.00	36.40 -0.78 0.00	35.22 -0.68 0.00	35.44 -0.72 0.00	35.35 -0.69 0.00	35.55 -0.73 0.00	36.10 -0.89 0.00	38.83 -0.96 0.00	43.96 -1.13 0.00	51.63 -1.16 0.00	60.09 -1.23 0.00	48.56 -1.03 -0.44	40.52 -0.82 -0.28	37.19 -0.68 -0.07	34.65 -0.60 -0.16
INDECK___YERKES 23781	37.22 -0.72 0.00	34.82 -1.08 0.00	33.98 -1.38 0.00	34.01 -1.49 0.00	34.27 -1.47 0.00	38.14 -2.14 0.00	51.03 -4.14 0.00	56.02 -6.50 0.00	46.05 -5.06 0.00	39.63 -3.26 0.00	34.73 -2.46 0.00	33.90 -2.01 0.00	34.19 -1.95 0.02	34.43 -1.58 0.02	34.41 -1.85 0.02	34.58 -2.40 0.00	36.65 -3.14 0.00	40.80 -4.24 0.04	44.13 -4.86 3.81	47.92 -4.96 8.43	42.50 -4.03 2.63	37.58 -3.37 0.11	34.74 -3.14 -0.07	32.29 -2.95 -0.16
INDIAN POINT_GT_1 24139	39.15 1.21 0.00	37.19 1.29 0.00	36.63 1.27 0.00	36.81 1.31 0.00	37.02 1.29 0.00	41.81 1.53 0.00	57.98 2.81 0.00	66.33 3.81 0.00	54.12 3.02 0.00	45.12 2.23 0.00	39.12 1.93 0.00	37.85 1.94 0.00	38.19 2.03 0.00	37.98 1.95 0.00	38.35 2.07 0.00	39.24 2.26 0.00	42.42 2.63 0.00	48.28 3.20 0.00	56.65 3.85 0.00	65.85 4.54 0.00	58.81 3.74 -5.91	47.82 3.00 -3.76	41.21 2.50 -0.90	39.39 2.10 -2.20
INDIAN POINT_GT_2 23659	39.15 1.21 0.00	37.19 1.29 0.00	36.63 1.27 0.00	36.81 1.31 0.00	37.02 1.29 0.00	41.81 1.53 0.00	57.98 2.81 0.00	66.33 3.81 0.00	54.12 3.02 0.00	45.12 2.23 0.00	39.12 1.93 0.00	37.85 1.94 0.00	38.19 2.03 0.00	37.98 1.95 0.00	38.35 2.07 0.00	39.24 2.26 0.00	42.42 2.63 0.00	48.28 3.20 0.00	56.65 3.85 0.00	65.85 4.54 0.00	58.81 3.74 -5.91	47.82 3.00 -3.76	41.21 2.50 -0.90	39.39 2.10 -2.20
INDIAN POINT_GT_3 24019	39.15 1.21 0.00	37.19 1.29 0.00	36.63 1.27 0.00	36.81 1.31 0.00	37.02 1.29 0.00	41.81 1.53 0.00	57.98 2.81 0.00	66.33 3.81 0.00	54.12 3.02 0.00	45.12 2.23 0.00	39.12 1.93 0.00	37.85 1.94 0.00	38.19 2.03 0.00	37.98 1.95 0.00	38.35 2.07 0.00	39.24 2.26 0.00	42.42 2.63 0.00	48.28 3.20 0.00	56.65 3.85 0.00	65.85 4.54 0.00	58.81 3.74 -5.91	47.82 3.00 -3.76	41.21 2.50 -0.90	39.39 2.10 -2.20
INDIAN POINT___2 23530	39.04 1.10 0.00	37.01 1.11 0.00	36.49 1.13 0.00	36.71 1.21 0.00	36.91 1.18 0.00	41.61 1.33 0.00	57.76 2.59 0.00	66.08 3.56 0.00	53.81 2.71 0.00	44.99 2.10 0.00	39.04 1.86 0.00	37.74 1.83 0.00	38.08 1.92 0.00	37.84 1.80 0.00	38.20 1.92 0.00	39.17 2.18 0.00	42.30 2.51 0.00	48.06 2.97 0.00	56.38 3.59 0.00	65.61 4.29 0.00	58.41 3.49 -5.76	47.55 2.83 -3.66	41.07 2.38 -0.88	39.26 2.03 -2.14
INDIAN POINT___3 23531	39.19 1.25 0.00	37.22 1.33 0.00	36.66 1.31 0.00	36.85 1.35 0.00	37.05 1.32 0.00	41.85 1.57 0.00	58.04 2.87 0.00	66.40 3.88 0.00	54.17 3.07 0.00	45.17 2.27 0.00	39.19 2.01 0.00	37.88 1.97 0.00	38.23 2.06 0.00	38.02 1.98 0.00	38.38 2.10 0.00	39.28 2.29 0.00	42.49 2.71 0.00	48.33 3.25 0.00	56.70 3.91 0.00	65.91 4.60 0.00	58.90 3.79 -5.95	47.88 3.04 -3.79	41.29 2.57 -0.91	39.44 2.14 -2.22
INGHAM_C_115KV_TB7 356103	38.40 0.46 0.00	36.36 0.47 0.00	35.89 0.53 0.00	36.07 0.57 0.00	36.30 0.57 0.00	41.00 0.73 0.00	56.27 1.10 0.00	63.71 1.19 0.00	51.57 0.46 0.00	42.81 -0.09 0.00	36.70 -0.48 0.00	35.19 -0.72 0.00	35.26 -0.90 0.00	35.03 -1.01 0.00	35.15 -1.12 0.00	35.80 -1.18 0.00	38.44 -1.35 0.00	43.64 -1.44 0.00	51.31 -1.48 0.00	59.72 -1.59 0.00	47.83 -1.33 0.00	39.95 -1.11 0.00	36.79 -1.02 0.00	34.03 -1.05 0.00
IP CORINTH___1 23988	40.14 2.20 0.00	38.16 2.26 0.00	37.62 2.26 0.00	37.81 2.31 0.00	38.13 2.39 0.00	43.10 2.82 0.00	60.08 4.91 0.00	68.15 5.63 0.00	55.15 4.04 0.00	45.94 3.05 0.00	39.34 2.16 0.00	37.81 1.90 0.00	38.05 1.88 0.00	37.98 1.95 0.00	38.42 2.14 0.00	39.54 2.55 0.00	42.73 2.94 0.00	48.74 3.65 0.00	57.23 4.43 0.00	67.02 5.70 0.00	61.31 4.47 -7.68	49.51 3.57 -4.88	42.01 3.02 -1.17	40.54 2.60 -2.86

IP__TICONDEROGA 23804	41.62 3.68 0.00	39.67 3.77 0.00	39.10 3.75 0.00	39.26 3.76 0.00	39.70 3.97 0.00	44.91 4.63 0.00	62.78 7.61 0.00	70.96 8.44 0.00	57.09 5.98 0.00	47.48 4.59 0.00	40.46 3.27 0.00	38.78 2.87 0.00	38.95 2.78 0.00	38.96 2.92 0.00	39.40 3.12 0.00	40.65 3.66 0.00	43.93 4.14 0.00	50.22 5.14 0.00	59.18 6.39 0.00	69.59 8.28 0.00	63.32 6.49 -7.67	51.11 5.17 -4.88	43.40 4.42 -1.17	41.80 3.86 -2.86
ISLIP_RES_REC 323679	40.48 2.54 0.00	38.41 2.51 0.00	37.69 2.33 0.00	38.06 2.56 0.00	38.41 2.68 0.00	43.47 3.18 -0.01	60.14 4.97 -0.01	68.84 6.31 -0.01	56.02 4.91 -0.01	46.80 3.90 0.00	40.42 3.23 0.00	38.78 2.87 0.00	39.35 3.18 0.00	38.92 2.88 0.00	39.47 3.19 0.00	40.50 3.52 0.00	44.06 4.26 -0.01	52.27 5.27 -1.91	59.08 6.28 -0.01	78.83 7.17 -10.35	68.03 6.05 -12.83	56.34 5.01 -10.27	47.06 4.23 -5.02	41.03 3.68 -2.26
JAMAICA__27_KV_LOAD 355505	39.53 1.59 0.00	37.51 1.62 0.00	36.95 1.59 0.00	37.13 1.63 0.00	37.34 1.61 0.00	42.17 1.89 0.00	58.75 3.59 0.00	67.34 4.81 0.00	54.94 3.83 0.00	45.81 2.92 0.00	39.75 2.57 0.00	38.46 2.55 0.00	38.81 2.64 0.00	38.60 2.56 0.00	38.96 2.68 0.00	39.87 2.89 0.00	43.13 3.34 0.00	49.14 4.06 0.00	57.65 4.86 0.00	66.89 5.58 0.00	59.88 4.67 -6.05	48.64 3.74 -3.85	41.87 3.14 -0.92	40.00 2.67 -2.25
JANIS__SOLAR 323808	39.91 1.97 0.00	37.76 1.87 0.00	37.09 1.73 0.00	37.24 1.74 0.00	37.48 1.75 0.00	42.33 2.05 0.00	58.26 3.09 0.00	65.52 3.00 0.00	53.10 1.99 0.00	44.14 1.24 0.00	37.93 0.74 0.00	36.55 0.65 0.00	36.71 0.54 -0.01	36.66 0.61 -0.01	36.90 0.62 -0.01	37.62 0.63 0.00	40.63 0.84 0.00	46.28 1.17 -0.03	59.54 1.95 -4.80	74.36 2.39 -10.65	54.18 1.57 -3.44	43.52 1.23 -1.23	39.33 1.10 -0.43	37.10 0.91 -1.10
JARVIS____ 23743	38.09 0.15 0.00	36.04 0.14 0.00	35.53 0.18 0.00	35.68 0.18 0.00	35.91 0.18 0.00	40.48 0.20 0.00	55.56 0.39 0.00	63.02 0.50 0.00	51.42 0.31 0.00	43.11 0.22 0.00	37.34 0.15 0.00	36.05 0.14 0.00	36.31 0.15 0.00	36.18 0.14 0.00	36.42 0.15 0.00	37.17 0.19 0.00	40.03 0.24 0.00	45.40 0.32 0.00	53.27 0.47 0.00	61.87 0.55 0.00	49.60 0.44 0.00	41.43 0.37 0.00	38.11 0.30 0.00	35.33 0.25 0.00
JENNISON__1 23625	39.84 1.90 0.00	37.69 1.79 0.00	37.09 1.73 0.00	37.20 1.70 0.00	37.45 1.72 0.00	42.29 2.01 0.00	58.31 3.14 0.00	65.83 3.31 0.00	53.41 2.30 0.00	44.57 1.67 0.00	38.34 1.15 0.00	36.95 1.04 0.00	37.11 0.94 0.00	37.05 1.01 0.00	37.22 0.94 0.00	37.95 0.96 0.00	40.82 1.03 0.00	46.35 1.26 0.00	55.53 1.90 -0.83	65.44 2.27 -1.85	52.89 1.52 -2.20	43.54 1.19 -1.29	39.18 1.02 -0.35	36.79 0.84 -0.87
JENNISON__2 23626	39.84 1.90 0.00	37.69 1.79 0.00	37.09 1.73 0.00	37.20 1.70 0.00	37.45 1.72 0.00	42.29 2.01 0.00	58.31 3.14 0.00	65.83 3.31 0.00	53.41 2.30 0.00	44.57 1.67 0.00	38.34 1.15 0.00	36.95 1.04 0.00	37.11 0.94 0.00	37.05 1.01 0.00	37.22 0.94 0.00	37.95 0.96 0.00	40.82 1.03 0.00	46.35 1.26 0.00	55.53 1.90 -0.83	65.44 2.27 -1.85	52.89 1.52 -2.20	43.54 1.19 -1.29	39.18 1.02 -0.35	36.79 0.84 -0.87
JERICHO_RISE_WT_PWR 323719	38.13 0.19 0.00	36.15 0.25 0.00	35.71 0.35 0.00	35.85 0.35 0.00	36.09 0.36 0.00	40.76 0.49 0.00	55.88 0.72 0.00	62.84 0.31 0.00	51.57 0.46 0.00	43.28 0.39 0.00	37.48 0.30 0.00	35.98 0.07 0.00	36.17 0.00 0.00	35.93 -0.11 0.00	36.06 -0.22 0.00	36.77 -0.22 0.00	39.51 -0.28 0.00	44.68 -0.41 0.00	51.68 -1.11 0.00	59.11 -2.20 0.00	47.64 -1.52 0.00	39.58 -1.48 0.00	36.41 -1.40 0.00	34.10 -0.98 0.00
KATONAH__115KV_46KV_TB4 355592	39.42 1.48 0.00	37.48 1.58 0.00	36.91 1.56 0.00	37.10 1.60 0.00	37.27 1.54 0.00	42.13 1.85 0.00	58.48 3.31 0.00	66.96 4.44 0.00	54.69 3.58 0.00	45.51 2.62 0.00	39.38 2.19 0.00	38.10 2.19 0.00	38.55 2.39 0.00	38.31 2.27 0.00	38.67 2.39 0.00	39.58 2.59 0.00	42.85 3.06 0.00	48.69 3.61 0.00	57.17 4.38 0.00	66.53 5.21 0.00	59.54 4.28 -6.10	48.35 3.41 -3.88	41.61 2.87 -0.93	39.74 2.39 -2.27
KCE_NY_1 323755	39.91 1.97 0.00	37.91 2.01 0.00	37.41 2.05 0.00	37.56 2.06 0.00	37.88 2.14 0.00	42.78 2.50 0.00	59.14 3.97 0.00	67.15 4.63 0.00	54.48 3.37 0.00	45.42 2.53 0.00	39.08 1.90 0.00	37.60 1.69 0.00	37.83 1.66 0.00	37.73 1.69 0.00	38.20 1.92 0.00	39.28 2.29 0.00	42.46 2.67 0.00	48.37 3.29 0.00	56.96 4.17 0.00	66.59 5.27 0.00	60.95 4.13 -7.66	49.30 3.37 -4.87	41.85 2.87 -1.17	40.39 2.45 -2.85
KCE_NY_6_ESR 323823	37.37 -0.57 0.00	35.00 -0.90 0.00	34.15 -1.20 0.00	34.19 -1.31 0.00	34.45 -1.28 0.00	38.39 -1.89 0.00	51.47 -3.70 0.00	56.58 -5.94 0.00	46.41 -4.70 0.00	39.89 -3.00 0.00	34.96 -2.23 0.00	34.11 -1.79 0.00	34.31 -1.84 0.02	34.51 -1.51 0.02	34.56 -1.70 0.02	34.77 -2.22 0.00	36.80 -2.98 0.00	40.90 -4.15 0.04	44.61 -4.70 3.48	48.64 -4.96 7.71	43.01 -4.13 2.02	37.61 -3.49 -0.04	34.78 -3.10 -0.08	32.26 -2.98 -0.16
KEDC_PORT_JEFF_GT2 24210	40.37 2.43 0.00	38.30 2.41 0.00	37.58 2.23 0.00	37.91 2.42 0.00	38.31 2.57 0.00	43.31 3.02 -0.01	59.86 4.69 -0.01	68.53 6.00 -0.01	55.77 4.65 -0.01	46.62 3.73 0.00	40.27 3.08 0.00	38.63 2.73 0.00	39.20 3.04 0.00	38.77 2.74 0.00	39.36 3.08 0.00	40.39 3.40 0.00	43.90 4.10 -0.01	52.04 5.05 -1.90	58.82 6.02 -0.01	78.28 6.68 -10.28	67.60 5.65 -12.79	56.10 4.80 -10.24	46.89 4.08 -5.00	40.89 3.54 -2.26
KEDC_PORT_JEFF_GT3 24211	40.37 2.43 0.00	38.30 2.41 0.00	37.58 2.23 0.00	37.91 2.42 0.00	38.31 2.57 0.00	43.31 3.02 -0.01	59.86 4.69 -0.01	68.53 6.00 -0.01	55.77 4.65 -0.01	46.62 3.73 0.00	40.27 3.08 0.00	38.63 2.73 0.00	39.20 3.04 0.00	38.77 2.74 0.00	39.36 3.08 0.00	40.39 3.40 0.00	43.90 4.10 -0.01	52.04 5.05 -1.90	58.82 6.02 -0.01	78.28 6.68 -10.28	67.60 5.65 -12.79	56.10 4.80 -10.24	46.89 4.08 -5.00	40.89 3.54 -2.26
KEDC_GLWD_GT4 24219	39.87 1.93 0.00	37.83 1.94 0.00	37.23 1.87 0.00	37.45 1.95 0.00	37.73 2.00 0.00	42.55 2.25 -0.02	59.04 3.86 -0.02	67.60 5.06 -0.02	55.16 4.04 -0.02	46.11 3.22 0.00	39.94 2.75 0.00	38.53 2.62 0.00	38.95 2.78 0.00	38.63 2.60 0.00	39.07 2.79 0.00	40.13 3.14 0.00	43.39 3.58 -0.02	52.48 4.15 -3.25	57.77 4.96 -0.02	84.60 5.70 -17.58	71.40 4.67 -17.56	59.65 3.82 -14.77	49.02 3.33 -7.88	40.30 2.95 -2.27
KEDC_GLWD_GT5 24220	39.87 1.93 0.00	37.83 1.94 0.00	37.23 1.87 0.00	37.45 1.95 0.00	37.73 2.00 0.00	42.55 2.25 -0.02	59.04 3.86 -0.02	67.60 5.06 -0.02	55.16 4.04 -0.02	46.11 3.22 0.00	39.94 2.75 0.00	38.53 2.62 0.00	38.95 2.78 0.00	38.63 2.60 0.00	39.07 2.79 0.00	40.13 3.14 0.00	43.39 3.58 -0.02	52.48 4.15 -3.25	57.77 4.96 -0.02	84.60 5.70 -17.58	71.40 4.67 -17.56	59.65 3.82 -14.77	49.02 3.33 -7.88	40.30 2.95 -2.27

KENSICO____ 23655	39.38 1.44 0.00	37.37 1.47 0.00	36.84 1.48 0.00	37.02 1.53 0.00	37.23 1.50 0.00	42.05 1.77 0.00	58.37 3.20 0.00	66.77 4.25 0.00	54.53 3.42 0.00	45.47 2.57 0.00	39.42 2.23 0.00	38.13 2.23 0.00	38.48 2.31 0.00	38.27 2.23 0.00	38.64 2.36 0.00	39.54 2.55 0.00	42.77 2.98 0.00	48.69 3.61 0.00	57.12 4.33 0.00	66.34 5.03 0.00	59.33 4.13 -6.04	48.23 3.33 -3.84	41.53 2.80 -0.92	39.68 2.35 -2.25
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	39.27 1.33 0.00	37.30 1.40 0.00	36.73 1.38 0.00	36.92 1.42 0.00	37.13 1.39 0.00	41.97 1.69 0.00	58.20 3.03 0.00	66.46 3.94 0.00	54.07 2.96 0.00	45.04 2.14 0.00	38.93 1.75 0.00	37.63 1.72 0.00	37.97 1.81 0.00	37.77 1.73 0.00	38.17 1.89 0.00	39.06 2.07 0.00	42.26 2.47 0.00	48.10 3.02 0.00	56.65 3.85 0.00	65.85 4.54 0.00	58.61 3.69 -5.76	47.68 2.96 -3.66	41.11 2.42 -0.88	39.33 2.10 -2.15
KIAC_JFK_GT1 23816	39.31 1.37 0.00	37.30 1.40 0.00	36.77 1.41 0.00	36.95 1.46 0.00	37.16 1.43 0.00	41.97 1.69 0.00	58.37 3.20 0.00	66.90 4.38 0.00	54.63 3.53 0.00	45.55 2.66 0.00	39.57 2.38 0.00	38.28 2.37 0.00	38.62 2.46 0.00	38.42 2.38 0.00	38.78 2.50 0.00	39.69 2.70 0.00	42.89 3.10 0.00	48.87 3.79 0.00	57.33 4.54 0.00	66.53 5.21 0.00	59.54 4.33 -6.05	48.40 3.49 -3.85	41.68 2.95 -0.92	39.83 2.49 -2.25
KIAC_JFK_GT2 23817	39.31 1.37 0.00	37.30 1.40 0.00	36.77 1.41 0.00	36.95 1.46 0.00	37.16 1.43 0.00	41.97 1.69 0.00	58.37 3.20 0.00	66.90 4.38 0.00	54.63 3.53 0.00	45.55 2.66 0.00	39.57 2.38 0.00	38.28 2.37 0.00	38.62 2.46 0.00	38.42 2.38 0.00	38.78 2.50 0.00	39.69 2.70 0.00	42.89 3.10 0.00	48.87 3.79 0.00	57.33 4.54 0.00	66.53 5.21 0.00	59.54 4.33 -6.05	48.40 3.49 -3.85	41.68 2.95 -0.92	39.83 2.49 -2.25
KIAC_JFK____ 323774	39.30 1.36 0.00	37.26 1.36 0.00	36.73 1.38 0.00	36.92 1.42 0.00	37.12 1.39 0.00	41.85 1.57 0.00	58.37 3.20 0.00	66.90 4.37 0.00	54.59 3.48 0.00	45.60 2.70 0.00	39.68 2.49 0.00	38.35 2.44 0.00	38.73 2.57 0.00	38.45 2.41 0.00	38.75 2.47 0.00	39.84 2.85 0.00	42.97 3.18 0.00	48.87 3.79 0.00	57.33 4.54 0.00	66.59 5.27 0.00	59.54 4.33 -6.05	48.44 3.53 -3.85	41.76 3.03 -0.92	39.93 2.60 -2.25
KINTIGH____ 23543	36.73 -1.21 0.00	34.32 -1.58 0.00	33.69 -1.66 0.00	33.76 -1.74 0.00	34.02 -1.72 0.00	37.86 -2.42 0.00	51.03 -4.14 0.00	56.52 -6.00 0.00	46.15 -4.96 0.00	39.85 -3.05 0.00	34.92 -2.27 0.00	33.97 -1.94 0.00	34.42 -1.74 0.01	34.47 -1.55 0.01	34.38 -1.89 0.01	34.92 -2.07 0.00	36.96 -2.83 0.00	41.35 -3.70 0.03	45.76 -4.12 2.92	50.50 -4.35 6.46	44.02 -3.29 1.85	38.30 -2.75 0.01	35.19 -2.68 -0.07	32.85 -2.39 -0.15
KNTFSRNC_46_KV_46KV_LOAD 80397	38.66 0.72 0.00	36.65 0.75 0.00	36.20 0.85 0.00	36.31 0.82 0.00	36.59 0.86 0.00	41.37 1.09 0.00	56.88 1.71 0.00	63.65 1.13 0.00	52.23 1.12 0.00	43.84 0.94 0.00	38.04 0.86 0.00	36.41 0.50 0.00	36.64 0.47 0.00	36.47 0.43 0.00	36.57 0.29 0.00	37.25 0.26 0.00	40.07 0.28 0.00	45.35 0.27 0.00	52.48 -0.32 0.00	60.64 -0.67 0.00	48.52 -0.64 0.00	40.16 -0.90 0.00	36.90 -0.91 0.00	34.59 -0.49 0.00
LACHUTE__HYDRO 323717	41.62 3.68 0.00	39.63 3.73 0.00	39.07 3.71 0.00	39.26 3.76 0.00	39.66 3.93 0.00	44.91 4.63 0.00	62.78 7.62 0.00	70.96 8.44 0.00	57.08 5.98 0.00	47.48 4.59 0.00	40.49 3.31 0.00	38.78 2.87 0.00	38.95 2.78 0.00	38.95 2.92 0.00	39.40 3.12 0.00	40.65 3.66 0.00	43.97 4.18 0.00	50.22 5.14 0.00	59.18 6.39 0.00	69.65 8.34 0.00	63.34 6.49 -7.69	51.13 5.17 -4.89	43.40 4.42 -1.18	41.81 3.86 -2.87
LAWRNCALV_115KV_TB1 80681	37.56 -0.38 0.00	35.54 -0.36 0.00	35.07 -0.28 0.00	35.21 -0.28 0.00	35.45 -0.29 0.00	40.08 -0.20 0.00	55.00 -0.17 0.00	62.21 -0.31 0.00	50.75 -0.36 0.00	42.55 -0.34 0.00	36.85 -0.33 0.00	35.37 -0.54 0.00	35.59 -0.58 0.00	35.46 -0.58 0.00	35.63 -0.65 0.00	36.32 -0.67 0.00	39.03 -0.76 0.00	44.23 -0.86 0.00	51.47 -1.32 0.00	59.78 -1.53 0.00	47.88 -1.28 0.00	39.87 -1.19 0.00	36.71 -1.10 0.00	34.20 -0.88 0.00
LEDERLE____ 23769	39.27 1.33 0.00	37.26 1.36 0.00	36.70 1.34 0.00	36.88 1.38 0.00	37.09 1.36 0.00	42.01 1.73 0.00	58.26 3.09 0.00	66.65 4.13 0.00	54.33 3.22 0.00	45.34 2.44 0.00	39.27 2.08 0.00	37.99 2.08 0.00	38.30 2.13 0.00	38.13 2.09 0.00	38.53 2.25 0.00	39.43 2.44 0.00	42.53 2.75 0.00	48.37 3.29 0.00	56.75 3.96 0.00	65.98 4.66 0.00	58.77 3.83 -5.78	47.81 3.08 -3.67	41.26 2.57 -0.88	39.41 2.18 -2.15
LIGHTHSE_115KV_TB6 355974	37.45 -0.49 0.00	35.39 -0.50 0.00	34.83 -0.53 0.00	35.00 -0.50 0.00	35.23 -0.50 0.00	39.80 -0.48 0.00	54.45 -0.72 0.00	61.52 -1.00 0.00	50.14 -0.97 0.00	42.08 -0.81 0.00	36.41 -0.78 0.00	35.15 -0.75 0.00	35.37 -0.80 0.00	35.28 -0.76 0.00	35.44 -0.83 0.00	36.06 -0.92 0.00	38.79 -0.99 0.00	44.00 -1.08 0.00	51.90 -0.90 0.00	60.40 -0.92 0.00	48.73 -0.84 -0.40	40.62 -0.70 -0.25	37.23 -0.64 -0.06	34.63 -0.60 -0.15
LINDEN COGEN____ 23786	39.30 1.36 0.00	37.29 1.40 0.00	36.77 1.42 0.00	36.95 1.46 0.00	37.16 1.43 0.00	41.89 1.61 0.00	58.31 3.14 0.00	66.83 4.31 0.00	54.59 3.48 0.00	45.60 2.70 0.00	39.72 2.53 0.00	38.35 2.44 0.00	38.73 2.57 0.00	38.45 2.41 0.00	38.78 2.50 0.00	39.84 2.85 0.00	43.01 3.22 0.00	48.82 3.74 0.00	57.28 4.48 0.00	66.40 5.09 0.00	59.44 4.23 -6.05	48.40 3.49 -3.85	41.68 2.95 -0.92	39.93 2.60 -2.25
LINDHRST_69_KV_BK1 356055	40.29 2.35 0.00	38.30 2.41 0.00	37.58 2.23 0.00	37.84 2.34 0.00	38.20 2.47 0.00	43.15 2.86 -0.01	59.65 4.47 -0.01	68.16 5.63 -0.01	55.67 4.55 -0.01	46.41 3.52 0.00	40.09 2.90 0.00	38.56 2.66 0.00	39.06 2.89 0.00	38.70 2.67 0.00	39.29 3.01 0.00	40.39 3.40 0.00	43.70 3.90 -0.01	51.83 4.64 -2.11	58.29 5.49 -0.01	79.02 6.32 -11.39	67.93 5.26 -13.51	56.33 4.35 -10.92	47.02 3.78 -5.43	40.68 3.33 -2.26
LIPA_MISC_IPP 23656	40.18 2.24 0.00	38.19 2.30 0.00	37.44 2.09 0.00	37.77 2.27 0.00	38.13 2.39 0.00	43.23 2.94 -0.01	59.70 4.52 -0.01	68.22 5.69 -0.01	55.56 4.45 -0.01	46.32 3.43 0.00	40.01 2.83 0.00	38.46 2.55 0.00	38.99 2.82 0.00	38.60 2.56 0.00	39.18 2.90 0.00	40.32 3.33 0.00	43.62 3.82 -0.01	51.85 4.87 -1.90	58.56 5.75 -0.01	78.08 6.50 -10.26	67.59 5.65 -12.77	55.92 4.64 -10.22	46.61 3.82 -4.99	40.71 3.37 -2.26
LISF__SOLAR 323691	40.22 2.28 0.00	38.20 2.30 0.00	37.48 2.12 0.00	37.80 2.31 0.00	38.20 2.46 0.00	43.23 2.94 -0.01	59.75 4.58 -0.01	68.35 5.82 -0.01	55.62 4.50 -0.01	46.50 3.60 0.00	40.12 2.94 0.00	38.49 2.59 0.00	39.09 2.93 0.00	38.63 2.60 0.00	39.18 2.90 0.00	40.17 3.18 0.00	43.70 3.90 -0.01	51.94 4.96 -1.90	58.66 5.86 -0.01	78.33 6.74 -10.27	67.74 5.80 -12.78	56.05 4.76 -10.23	46.73 3.93 -4.99	40.79 3.44 -2.26

LITTLE FALLS___HYD 24013	38.40 0.46 0.00	36.36 0.47 0.00	35.89 0.53 0.00	36.07 0.57 0.00	36.30 0.57 0.00	41.00 0.73 0.00	56.27 1.10 0.00	63.71 1.19 0.00	51.57 0.46 0.00	42.81 -0.09 0.00	36.70 -0.48 0.00	35.19 -0.72 0.00	35.26 -0.90 0.00	35.03 -1.01 0.00	35.15 -1.12 0.00	35.80 -1.18 0.00	38.44 -1.35 0.00	43.64 -1.44 0.00	51.31 -1.48 0.00	59.72 -1.59 0.00	47.83 -1.33 0.00	39.95 -1.11 0.00	36.79 -1.02 0.00	34.03 -1.05 0.00
LITTLRIV_115KV_TB1 356100	38.02 0.08 0.00	36.00 0.11 0.00	35.50 0.14 0.00	35.64 0.14 0.00	35.88 0.14 0.00	40.60 0.32 0.00	55.83 0.66 0.00	63.08 0.56 0.00	51.31 0.20 0.00	42.98 0.09 0.00	37.19 0.00 0.00	35.66 -0.25 0.00	35.84 -0.33 0.00	35.75 -0.29 0.00	35.92 -0.36 0.00	36.58 -0.41 0.00	39.35 -0.44 0.00	44.68 -0.41 0.00	52.11 -0.69 0.00	60.58 -0.74 0.00	48.47 -0.69 0.00	40.32 -0.74 0.00	37.16 -0.64 0.00	34.59 -0.49 0.00
LI_NEWBRDGE___DRP 323616	39.76 1.82 0.00	37.80 1.90 0.00	37.09 1.73 0.00	37.34 1.85 0.00	37.66 1.93 0.00	42.50 2.22 -0.01	58.76 3.59 -0.01	67.22 4.69 -0.01	54.95 3.83 -0.01	45.85 2.96 0.00	39.64 2.45 0.00	38.21 2.30 0.00	38.66 2.50 0.00	38.34 2.31 0.00	38.89 2.61 0.00	39.91 2.92 0.00	43.18 3.38 -0.01	50.71 3.88 -1.75	57.39 4.59 -0.01	75.91 5.15 -9.44	65.72 4.33 -12.23	54.34 3.57 -9.71	45.61 3.14 -4.66	40.08 2.74 -2.26
LOCKPORT_115KV_TB60_63_64 80432	36.76 -1.18 0.00	34.39 -1.51 0.00	33.73 -1.63 0.00	33.76 -1.74 0.00	34.02 -1.72 0.00	37.70 -2.58 0.00	50.59 -4.58 0.00	55.64 -6.88 0.00	45.44 -5.67 0.00	39.38 -3.52 0.00	34.51 -2.68 0.00	33.61 -2.30 0.00	33.94 -2.21 0.02	34.07 -1.95 0.02	34.01 -2.25 0.02	34.51 -2.48 0.00	36.45 -3.34 0.00	40.53 -4.51 0.05	43.64 -5.12 4.03	46.87 -5.52 8.92	41.90 -4.23 3.03	37.27 -3.57 0.22	34.59 -3.29 -0.07	32.18 -3.05 -0.15
LOCKPORT___CC1 323769	36.80 -1.14 0.00	34.57 -1.33 0.00	33.77 -1.59 0.00	33.80 -1.70 0.00	34.02 -1.71 0.00	37.86 -2.42 0.00	50.59 -4.58 0.00	55.64 -6.88 0.00	45.64 -5.47 0.00	39.20 -3.69 0.00	34.36 -2.83 0.00	33.54 -2.37 0.00	33.83 -2.32 0.02	34.00 -2.02 0.02	33.97 -2.28 0.02	34.21 -2.77 0.00	36.29 -3.50 0.00	40.48 -4.55 0.05	43.02 -5.17 4.60	45.80 -5.33 10.18	41.09 -4.33 3.75	37.09 -3.61 0.36	34.48 -3.40 -0.07	32.08 -3.16 -0.15
LOCKPORT___CC2 323770	36.80 -1.14 0.00	34.57 -1.33 0.00	33.77 -1.59 0.00	33.80 -1.70 0.00	34.02 -1.71 0.00	37.86 -2.42 0.00	50.59 -4.58 0.00	55.64 -6.88 0.00	45.64 -5.47 0.00	39.20 -3.69 0.00	34.36 -2.83 0.00	33.54 -2.37 0.00	33.83 -2.32 0.02	34.00 -2.02 0.02	33.97 -2.28 0.02	34.21 -2.77 0.00	36.29 -3.50 0.00	40.48 -4.55 0.05	43.02 -5.17 4.60	45.80 -5.33 10.18	41.09 -4.33 3.75	37.09 -3.61 0.36	34.48 -3.40 -0.07	32.08 -3.16 -0.15
LOCKPORT___CC3 323771	36.80 -1.14 0.00	34.57 -1.33 0.00	33.77 -1.59 0.00	33.80 -1.70 0.00	34.02 -1.71 0.00	37.86 -2.42 0.00	50.59 -4.58 0.00	55.64 -6.88 0.00	45.64 -5.47 0.00	39.20 -3.69 0.00	34.36 -2.83 0.00	33.54 -2.37 0.00	33.83 -2.32 0.02	34.00 -2.02 0.02	33.97 -2.28 0.02	34.21 -2.77 0.00	36.29 -3.50 0.00	40.48 -4.55 0.05	43.02 -5.17 4.60	45.80 -5.33 10.18	41.09 -4.33 3.75	37.09 -3.61 0.36	34.48 -3.40 -0.07	32.08 -3.16 -0.15
LONG_LAKE_PHOENIX 24014	37.52 -0.42 0.00	35.47 -0.43 0.00	34.90 -0.46 0.00	35.04 -0.46 0.00	35.23 -0.50 0.00	39.67 -0.60 0.00	54.23 -0.94 0.00	61.27 -1.25 0.00	50.09 -1.02 0.00	42.12 -0.77 0.00	36.59 -0.59 0.00	35.37 -0.54 0.00	35.62 -0.54 0.00	35.50 -0.54 0.00	35.70 -0.58 0.00	36.28 -0.70 0.00	39.03 -0.76 0.00	44.14 -0.95 0.00	51.90 -0.90 0.00	60.27 -1.04 0.00	48.77 -0.84 -0.45	40.69 -0.66 -0.29	37.31 -0.57 -0.07	34.79 -0.46 -0.17
LOVETT___3 23632	39.15 1.21 0.00	37.15 1.26 0.00	36.59 1.24 0.00	36.78 1.28 0.00	37.02 1.29 0.00	41.77 1.49 0.00	57.93 2.76 0.00	66.27 3.75 0.00	54.07 2.96 0.00	45.08 2.19 0.00	39.12 1.93 0.00	37.81 1.90 0.00	38.15 1.99 0.00	37.95 1.91 0.00	38.31 2.03 0.00	39.21 2.22 0.00	42.42 2.63 0.00	48.24 3.16 0.00	56.59 3.80 0.00	65.79 4.48 0.00	58.62 3.64 -5.82	47.72 2.96 -3.70	41.15 2.46 -0.89	39.32 2.07 -2.17
LOVETT___4 23642	39.15 1.21 0.00	37.15 1.26 0.00	36.59 1.24 0.00	36.78 1.28 0.00	37.02 1.29 0.00	41.77 1.49 0.00	57.93 2.76 0.00	66.27 3.75 0.00	54.07 2.96 0.00	45.08 2.19 0.00	39.12 1.93 0.00	37.81 1.90 0.00	38.15 1.99 0.00	37.95 1.91 0.00	38.31 2.03 0.00	39.21 2.22 0.00	42.42 2.63 0.00	48.24 3.16 0.00	56.59 3.80 0.00	65.79 4.48 0.00	58.62 3.64 -5.82	47.72 2.96 -3.70	41.15 2.46 -0.89	39.32 2.07 -2.17
LOVETT___5 23593	39.15 1.21 0.00	37.15 1.26 0.00	36.59 1.24 0.00	36.78 1.28 0.00	37.02 1.29 0.00	41.77 1.49 0.00	57.93 2.76 0.00	66.27 3.75 0.00	54.07 2.96 0.00	45.08 2.19 0.00	39.12 1.93 0.00	37.81 1.90 0.00	38.15 1.99 0.00	37.95 1.91 0.00	38.31 2.03 0.00	39.21 2.22 0.00	42.42 2.63 0.00	48.24 3.16 0.00	56.59 3.80 0.00	65.79 4.48 0.00	58.62 3.64 -5.82	47.72 2.96 -3.70	41.15 2.46 -0.89	39.32 2.07 -2.17
LOWER RAQUET___HYD 24057	37.33 -0.61 0.00	35.36 -0.54 0.00	34.86 -0.50 0.00	35.04 -0.46 0.00	35.27 -0.47 0.00	39.88 -0.40 0.00	54.78 -0.38 0.00	61.96 -0.56 0.00	50.50 -0.61 0.00	42.33 -0.56 0.00	36.63 -0.56 0.00	35.15 -0.76 0.00	35.37 -0.80 0.00	35.24 -0.79 0.00	35.41 -0.87 0.00	36.06 -0.92 0.00	38.80 -0.99 0.00	43.96 -1.13 0.00	51.21 -1.58 0.00	59.29 -2.02 0.00	47.64 -1.52 0.00	39.58 -1.48 0.00	36.48 -1.32 0.00	33.99 -1.09 0.00
LOWER___HUDSON 24059	39.04 1.10 0.00	37.04 1.15 0.00	36.59 1.24 0.00	36.71 1.21 0.00	37.02 1.28 0.00	41.77 1.49 0.00	57.59 2.42 0.00	65.65 3.12 0.00	53.41 2.30 0.00	44.61 1.72 0.00	38.52 1.34 0.00	37.16 1.26 0.00	37.40 1.23 0.00	37.30 1.26 0.00	37.73 1.45 0.00	38.73 1.74 0.00	41.82 2.03 0.00	47.61 2.52 0.00	56.01 3.22 0.00	65.24 3.93 0.00	59.85 3.15 -7.54	48.49 2.63 -4.80	41.15 2.19 -1.15	39.71 1.82 -2.81
LOWVILLE_115KV_TB2 356335	37.83 -0.11 0.00	35.82 -0.07 0.00	35.32 -0.04 0.00	35.75 0.25 0.00	35.98 0.25 0.00	40.76 0.48 0.00	56.11 0.94 0.00	63.52 1.00 0.00	51.52 0.41 0.00	43.02 0.13 0.00	37.11 -0.07 0.00	35.69 -0.22 0.00	35.62 -0.54 0.00	35.50 -0.54 0.00	35.59 -0.69 0.00	36.28 -0.70 0.00	38.95 -0.84 0.00	44.36 -0.72 0.00	52.37 -0.42 0.00	61.07 -0.25 0.00	48.91 -0.44 -0.19	40.73 -0.45 -0.12	37.35 -0.49 -0.03	34.63 -0.53 -0.07
LUTHERFT_115KV_GLOB_FND_222 355753	39.88 1.93 0.00	37.91 2.01 0.00	37.41 2.05 0.00	37.56 2.06 0.00	37.88 2.14 0.00	42.78 2.50 0.00	59.09 3.92 0.00	67.15 4.63 0.00	54.48 3.37 0.00	45.38 2.49 0.00	39.01 1.82 0.00	37.56 1.65 0.00	37.79 1.63 0.00	37.73 1.69 0.00	38.17 1.89 0.00	39.24 2.26 0.00	42.38 2.59 0.00	48.33 3.25 0.00	56.91 4.12 0.00	66.47 5.15 0.00	60.90 4.08 -7.66	49.25 3.33 -4.87	41.81 2.84 -1.17	40.35 2.42 -2.85

LUTHERNY_35_KV_BK2 355980	39.91 1.97 0.00	37.94 2.05 0.00	37.41 2.05 0.00	37.56 2.06 0.00	37.91 2.18 0.00	42.78 2.50 0.00	59.14 3.97 0.00	67.15 4.63 0.00	54.48 3.37 0.00	45.42 2.53 0.00	39.05 1.86 0.00	37.59 1.69 0.00	37.83 1.66 0.00	37.73 1.69 0.00	38.20 1.92 0.00	39.24 2.26 0.00	42.42 2.63 0.00	48.33 3.25 0.00	56.96 4.17 0.00	66.53 5.21 0.00	60.95 4.13 -7.66	49.30 3.37 -4.87	41.85 2.87 -1.17	40.39 2.46 -2.85
LWR___OSWEGATCHIE_HYD 23850	37.14 -0.80 0.00	35.14 -0.75 0.00	34.68 -0.67 0.00	34.93 -0.57 0.00	35.16 -0.57 0.00	39.80 -0.48 0.00	54.78 -0.39 0.00	61.96 -0.56 0.00	50.34 -0.77 0.00	42.12 -0.77 0.00	36.41 -0.78 0.00	34.94 -0.97 0.00	35.04 -1.12 0.00	34.96 -1.08 0.00	35.08 -1.20 0.00	35.73 -1.26 0.00	38.40 -1.39 0.00	43.64 -1.44 0.00	51.21 -1.58 0.00	59.60 -1.72 0.00	47.78 -1.52 -0.14	39.76 -1.40 -0.09	36.51 -1.32 -0.02	33.94 -1.19 -0.05
LYONS_FALL_HYD 23570	38.21 0.27 0.00	36.15 0.25 0.00	35.64 0.28 0.00	35.96 0.46 0.00	36.16 0.43 0.00	40.92 0.64 0.00	56.33 1.16 0.00	63.77 1.25 0.00	51.82 0.72 0.00	43.32 0.43 0.00	37.37 0.19 0.00	36.02 0.11 0.00	36.06 -0.11 0.00	36.00 -0.04 0.00	36.13 -0.14 0.00	36.84 -0.15 0.00	39.55 -0.24 0.00	45.04 -0.05 0.00	53.06 0.27 0.00	61.80 0.49 0.00	49.54 0.20 -0.18	41.26 0.08 -0.12	37.87 0.04 -0.03	35.11 -0.04 -0.07
MADISON___COUNTY_LFGE 323628	38.97 1.02 0.00	36.83 0.93 0.00	36.28 0.92 0.00	36.42 0.92 0.00	36.66 0.93 0.00	41.41 1.13 0.00	56.93 1.77 0.00	64.40 1.88 0.00	52.39 1.28 0.00	43.88 0.99 0.00	37.93 0.74 0.00	36.59 0.68 0.00	36.82 0.65 0.00	36.79 0.76 0.00	36.97 0.69 0.00	37.69 0.70 0.00	40.55 0.76 0.00	46.03 0.95 0.00	54.27 1.48 0.00	63.09 1.78 0.00	50.72 1.23 -0.33	42.29 1.03 -0.21	38.76 0.91 -0.05	35.98 0.77 -0.12
MALONE___115KV_TB1 356076	38.36 0.42 0.00	36.36 0.47 0.00	35.92 0.57 0.00	36.07 0.57 0.00	36.30 0.57 0.00	41.04 0.77 0.00	56.44 1.27 0.00	63.52 1.00 0.00	51.93 0.82 0.00	43.58 0.69 0.00	37.78 0.59 0.00	36.19 0.29 0.00	36.38 0.22 0.00	36.22 0.18 0.00	36.35 0.07 0.00	36.99 0.00 0.00	39.79 0.00 0.00	45.04 -0.05 0.00	52.16 -0.63 0.00	60.33 -0.98 0.00	48.28 -0.88 0.00	39.99 -1.07 0.00	36.79 -1.02 0.00	34.38 -0.70 0.00
MAPLEWOD_115KV_TB3 80458	38.74 0.80 0.00	36.79 0.90 0.00	36.28 0.92 0.00	36.42 0.92 0.00	36.70 0.96 0.00	41.37 1.09 0.00	56.93 1.77 0.00	64.83 2.31 0.00	53.05 1.94 0.00	44.35 1.46 0.00	38.30 1.12 0.00	36.98 1.08 0.00	37.25 1.08 0.00	37.12 1.08 0.00	37.48 1.20 0.00	38.36 1.37 0.00	41.38 1.59 0.00	47.07 1.98 0.00	55.33 2.53 0.00	64.38 3.07 0.00	59.11 2.46 -7.49	47.88 2.05 -4.76	40.65 1.70 -1.14	39.35 1.47 -2.79
MAPLE_RIDGE_WT_1 323574	37.83 -0.11 0.00	35.79 -0.11 0.00	35.29 -0.07 0.00	35.46 -0.04 0.00	35.70 -0.04 0.00	40.28 0.00 0.00	55.22 0.06 0.00	62.52 0.00 0.00	51.16 0.05 0.00	42.89 0.00 0.00	37.11 -0.07 0.00	35.73 -0.18 0.00	35.91 -0.25 0.00	35.71 -0.32 0.00	35.88 -0.40 0.00	36.55 -0.44 0.00	39.23 -0.56 0.00	44.36 -0.72 0.00	51.74 -1.06 0.00	59.91 -1.41 0.00	48.03 -1.13 0.00	40.07 -0.99 0.00	36.90 -0.91 0.00	34.28 -0.81 0.00
MAPLE_RIDGE_WT_2 323611	37.83 -0.11 0.00	35.79 -0.11 0.00	35.29 -0.07 0.00	35.46 -0.04 0.00	35.70 -0.04 0.00	40.28 0.00 0.00	55.22 0.06 0.00	62.52 0.00 0.00	51.16 0.05 0.00	42.89 0.00 0.00	37.11 -0.07 0.00	35.73 -0.18 0.00	35.91 -0.25 0.00	35.71 -0.32 0.00	35.88 -0.40 0.00	36.55 -0.44 0.00	39.23 -0.56 0.00	44.36 -0.72 0.00	51.74 -1.06 0.00	59.91 -1.41 0.00	48.03 -1.13 0.00	40.07 -0.99 0.00	36.90 -0.91 0.00	34.28 -0.81 0.00
MARBLE_RIVER_WT_PWR 323696	38.13 0.19 0.00	36.18 0.29 0.00	35.71 0.35 0.00	35.85 0.35 0.00	36.09 0.36 0.00	40.76 0.49 0.00	55.88 0.72 0.00	62.84 0.31 0.00	51.57 0.46 0.00	43.28 0.39 0.00	37.45 0.26 0.00	35.98 0.07 0.00	36.17 0.00 0.00	35.93 -0.11 0.00	36.10 -0.18 0.00	36.77 -0.22 0.00	39.51 -0.28 0.00	44.68 -0.41 0.00	51.74 -1.06 0.00	59.23 -2.08 0.00	47.73 -1.43 0.00	39.62 -1.44 0.00	36.45 -1.36 0.00	34.10 -0.98 0.00
MARSHVLE_115KV_TB1 80742	40.07 2.12 0.00	38.01 2.12 0.00	37.44 2.09 0.00	37.59 2.09 0.00	37.95 2.22 0.00	42.94 2.66 0.00	59.47 4.30 0.00	67.08 4.56 0.00	54.02 2.91 0.00	44.65 1.76 0.00	38.30 1.12 0.00	36.80 0.90 0.00	37.25 1.08 0.00	37.19 1.15 0.00	37.37 1.09 0.00	38.47 1.48 0.00	41.78 1.99 0.00	48.01 2.93 0.00	56.70 3.91 0.00	66.34 5.03 0.00	61.83 3.88 -8.78	49.77 3.12 -5.59	41.72 2.57 -1.34	40.53 2.18 -3.27
MARSH_HILL_WT_PWR 323713	38.47 0.53 0.00	36.18 0.29 0.00	35.39 0.04 0.00	35.36 -0.14 0.00	35.59 -0.14 0.00	39.88 -0.40 0.00	54.34 -0.83 0.00	60.27 -2.25 0.00	48.91 -2.20 0.00	40.83 -2.06 0.00	34.92 -2.27 0.00	33.54 -2.37 0.00	33.57 -2.68 -0.08	33.38 -2.74 -0.08	33.60 -2.76 -0.08	33.88 -3.11 0.00	36.21 -3.58 0.00	41.17 -4.06 -0.15	55.57 -4.43 -7.21	72.05 -5.15 -15.88	60.27 -4.28 -15.39	41.42 -3.57 -3.93	34.45 -3.37 -0.01	31.78 -3.26 0.04
MCINTYRE_115KV_TB2 80467	38.55 0.61 0.00	36.47 0.57 0.00	35.99 0.64 0.00	36.10 0.60 0.00	36.34 0.61 0.00	41.08 0.81 0.00	56.49 1.32 0.00	63.83 1.31 0.00	51.87 0.77 0.00	43.41 0.51 0.00	37.56 0.37 0.00	36.01 0.11 0.00	36.20 0.04 0.00	36.11 0.07 0.00	36.28 0.00 0.00	36.99 0.00 0.00	39.79 0.00 0.00	45.17 0.09 0.00	52.74 -0.05 0.00	61.38 0.06 0.00	49.11 -0.05 0.00	40.85 -0.21 0.00	37.66 -0.15 0.00	35.05 -0.04 0.00
MECO_____69_KV_BK1 80468	40.63 2.69 0.00	38.59 2.69 0.00	37.97 2.62 0.00	38.20 2.70 0.00	38.52 2.79 0.00	43.62 3.34 0.00	60.46 5.30 0.00	68.21 5.69 0.00	54.94 3.83 0.00	45.47 2.57 0.00	38.97 1.78 0.00	37.42 1.51 0.00	37.83 1.66 0.00	37.73 1.69 0.00	38.06 1.78 0.00	39.17 2.18 0.00	42.46 2.67 0.00	48.69 3.61 0.00	57.49 4.70 0.00	67.39 6.07 0.00	62.30 4.72 -8.42	50.19 3.78 -5.36	42.31 3.21 -1.29	40.99 2.77 -3.14
MENANDS___115KV_TB5 355628	38.55 0.61 0.00	36.61 0.72 0.00	36.10 0.74 0.00	36.24 0.75 0.00	36.52 0.79 0.00	41.16 0.89 0.00	56.60 1.43 0.00	64.52 2.00 0.00	52.69 1.58 0.00	44.05 1.16 0.00	38.08 0.89 0.00	36.77 0.86 0.00	37.07 0.90 0.00	36.90 0.86 0.00	37.33 1.05 0.00	38.21 1.22 0.00	41.22 1.43 0.00	46.84 1.76 0.00	55.12 2.32 0.00	64.07 2.76 0.00	58.84 2.21 -7.47	47.66 1.85 -4.75	40.50 1.55 -1.14	39.20 1.33 -2.78
MG INDUSTRY___DRP 24185	38.74 0.80 0.00	36.76 0.86 0.00	36.28 0.92 0.00	36.42 0.92 0.00	36.66 0.93 0.00	41.33 1.05 0.00	56.77 1.60 0.00	64.52 2.00 0.00	52.54 1.43 0.00	43.84 0.94 0.00	37.89 0.71 0.00	36.59 0.68 0.00	36.85 0.69 0.00	36.72 0.68 0.00	37.15 0.87 0.00	38.06 1.07 0.00	41.06 1.27 0.00	46.75 1.67 0.00	55.01 2.22 0.00	63.95 2.64 0.00	58.51 2.06 -7.28	47.42 1.72 -4.63	40.40 1.47 -1.11	39.09 1.30 -2.71

MID___OSWEGATCHIE_HYD 23849	37.14 -0.80 0.00	35.14 -0.75 0.00	34.68 -0.67 0.00	34.93 -0.57 0.00	35.16 -0.57 0.00	39.80 -0.48 0.00	54.78 -0.39 0.00	61.96 -0.56 0.00	50.34 -0.77 0.00	42.12 -0.77 0.00	36.41 -0.78 0.00	34.94 -0.97 0.00	35.04 -1.12 0.00	34.96 -1.08 0.00	35.08 -1.20 0.00	35.73 -1.26 0.00	38.40 -1.39 0.00	43.64 -1.44 0.00	51.21 -1.58 0.00	59.60 -1.72 0.00	47.78 -1.52 -0.14	39.76 -1.40 -0.09	36.51 -1.32 -0.02	33.94 -1.19 -0.05
MID___RAQUETTE_HYD 23851	37.33 -0.61 0.00	35.36 -0.54 0.00	34.86 -0.49 0.00	35.04 -0.46 0.00	35.27 -0.46 0.00	39.88 -0.40 0.00	54.78 -0.39 0.00	61.96 -0.56 0.00	50.49 -0.61 0.00	42.34 -0.56 0.00	36.67 -0.52 0.00	35.15 -0.75 0.00	35.37 -0.80 0.00	35.24 -0.79 0.00	35.41 -0.87 0.00	36.06 -0.92 0.00	38.75 -1.03 0.00	43.96 -1.13 0.00	51.21 -1.58 0.00	59.48 -1.84 0.00	47.64 -1.52 0.00	39.58 -1.48 0.00	36.48 -1.32 0.00	33.99 -1.09 0.00
MILLIKEN___1 23584	38.89 0.95 0.00	36.76 0.86 0.00	36.13 0.78 0.00	36.24 0.75 0.00	36.48 0.75 0.00	41.12 0.85 0.00	56.38 1.21 0.00	63.58 1.06 0.00	51.87 0.77 0.00	43.49 0.60 0.00	37.63 0.45 0.00	36.34 0.43 0.00	36.61 0.43 -0.01	36.48 0.43 -0.01	36.68 0.40 -0.01	37.39 0.41 0.00	40.27 0.48 0.00	45.66 0.54 -0.04	59.39 0.95 -5.65	75.02 1.16 -12.54	53.21 0.79 -3.26	42.70 0.66 -0.98	38.78 0.57 -0.40	36.63 0.49 -1.06
MILLIKEN___2 23585	38.89 0.95 0.00	36.76 0.86 0.00	36.13 0.78 0.00	36.24 0.75 0.00	36.48 0.75 0.00	41.12 0.85 0.00	56.38 1.21 0.00	63.58 1.06 0.00	51.87 0.77 0.00	43.49 0.60 0.00	37.63 0.45 0.00	36.34 0.43 0.00	36.61 0.43 -0.01	36.48 0.43 -0.01	36.68 0.40 -0.01	37.39 0.41 0.00	40.27 0.48 0.00	45.66 0.54 -0.04	59.39 0.95 -5.65	75.02 1.16 -12.54	53.21 0.79 -3.26	42.70 0.66 -0.98	38.78 0.57 -0.40	36.63 0.49 -1.06
MILLIKEN___DIESEL 23629	38.89 0.95 0.00	36.76 0.86 0.00	36.13 0.78 0.00	36.24 0.75 0.00	36.48 0.75 0.00	41.12 0.85 0.00	56.38 1.21 0.00	63.58 1.06 0.00	51.87 0.77 0.00	43.49 0.60 0.00	37.63 0.45 0.00	36.34 0.43 0.00	36.61 0.43 -0.01	36.48 0.43 -0.01	36.68 0.40 -0.01	37.39 0.41 0.00	40.27 0.48 0.00	45.66 0.54 -0.04	59.39 0.95 -5.65	75.02 1.16 -12.54	53.21 0.79 -3.26	42.70 0.66 -0.98	38.78 0.57 -0.40	36.63 0.49 -1.06
MILLSEAT___LFGE 323607	37.60 -0.34 0.00	35.36 -0.54 0.00	34.54 -0.81 0.00	34.61 -0.89 0.00	34.84 -0.89 0.00	38.95 -1.33 0.00	52.24 -2.93 0.00	57.83 -4.69 0.00	47.33 -3.78 0.00	40.49 -2.40 0.00	35.40 -1.78 0.00	34.43 -1.47 0.00	34.81 -1.34 0.02	34.97 -1.05 0.02	34.92 -1.34 0.02	35.25 -1.74 0.00	37.44 -2.35 0.00	41.89 -3.16 0.04	45.90 -3.49 3.41	50.33 -3.43 7.55	44.02 -2.80 2.34	38.67 -2.30 0.09	35.53 -2.34 -0.07	32.99 -2.25 -0.15
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	39.27 1.33 0.00	37.26 1.36 0.00	36.73 1.38 0.00	36.92 1.42 0.00	37.13 1.39 0.00	41.93 1.65 0.00	58.15 2.98 0.00	66.52 4.00 0.00	54.28 3.17 0.00	45.30 2.40 0.00	39.27 2.08 0.00	37.95 2.05 0.00	38.30 2.13 0.00	38.13 2.09 0.00	38.49 2.21 0.00	39.39 2.40 0.00	42.57 2.79 0.00	48.47 3.38 0.00	56.86 4.07 0.00	66.04 4.72 0.00	59.00 3.88 -5.96	48.01 3.16 -3.79	41.36 2.65 -0.91	39.51 2.21 -2.22
MILLWOOD_13_KV_LOAD 356217	39.31 1.37 0.00	37.33 1.44 0.00	36.81 1.45 0.00	36.99 1.49 0.00	37.20 1.47 0.00	42.01 1.73 0.00	58.31 3.14 0.00	66.71 4.19 0.00	54.43 3.32 0.00	45.38 2.49 0.00	39.31 2.12 0.00	38.03 2.12 0.00	38.41 2.24 0.00	38.20 2.16 0.00	38.56 2.29 0.00	39.47 2.48 0.00	42.69 2.90 0.00	48.56 3.47 0.00	56.96 4.17 0.00	66.22 4.91 0.00	59.15 4.03 -5.96	48.09 3.24 -3.79	41.44 2.72 -0.91	39.58 2.28 -2.22
MODEL_CITY_ENERGY 24167	36.50 -1.44 0.00	34.32 -1.58 0.00	33.52 -1.84 0.00	33.58 -1.92 0.00	33.80 -1.93 0.00	37.58 -2.70 0.00	50.15 -5.02 0.00	55.02 -7.50 0.00	45.23 -5.88 0.00	38.91 -3.99 0.00	34.10 -3.09 0.00	33.32 -2.59 0.00	33.65 -2.49 0.02	33.82 -2.20 0.02	33.79 -2.47 0.02	34.03 -2.96 0.00	36.05 -3.74 0.00	40.17 -4.87 0.04	43.31 -5.54 3.94	46.82 -5.77 8.73	41.67 -4.62 2.87	37.02 -3.86 0.17	34.29 -3.59 -0.07	31.87 -3.37 -0.15
MODERN_LFGE___ 323580	36.50 -1.44 0.00	34.32 -1.58 0.00	33.52 -1.84 0.00	33.58 -1.92 0.00	33.80 -1.93 0.00	37.58 -2.70 0.00	50.15 -5.02 0.00	55.02 -7.50 0.00	45.23 -5.88 0.00	38.91 -3.99 0.00	34.10 -3.09 0.00	33.32 -2.59 0.00	33.65 -2.49 0.02	33.82 -2.20 0.02	33.79 -2.47 0.02	34.03 -2.96 0.00	36.05 -3.74 0.00	40.17 -4.87 0.04	43.31 -5.54 3.94	46.82 -5.77 8.73	41.67 -4.62 2.87	37.02 -3.86 0.17	34.29 -3.59 -0.07	31.87 -3.37 -0.15
MOHAWK_PAPER___DRP 24187	38.74 0.80 0.00	36.79 0.90 0.00	36.28 0.92 0.00	36.42 0.92 0.00	36.70 0.96 0.00	41.37 1.09 0.00	56.93 1.77 0.00	64.83 2.31 0.00	53.05 1.94 0.00	44.35 1.46 0.00	38.30 1.12 0.00	36.98 1.08 0.00	37.25 1.08 0.00	37.12 1.08 0.00	37.48 1.20 0.00	38.36 1.37 0.00	41.38 1.59 0.00	47.07 1.98 0.00	55.33 2.53 0.00	64.38 3.07 0.00	59.11 2.46 -7.49	47.88 2.05 -4.76	40.65 1.70 -1.14	39.35 1.47 -2.79
MOHICAN___35_KV_115KV_LD 80490	40.18 2.24 0.00	38.23 2.33 0.00	37.69 2.33 0.00	37.88 2.38 0.00	38.23 2.50 0.00	43.18 2.90 0.00	60.08 4.91 0.00	68.15 5.63 0.00	55.20 4.09 0.00	45.94 3.05 0.00	39.34 2.16 0.00	37.81 1.90 0.00	38.01 1.84 0.00	37.98 1.95 0.00	38.42 2.14 0.00	39.54 2.55 0.00	42.77 2.98 0.00	48.78 3.70 0.00	57.39 4.59 0.00	67.14 5.82 0.00	61.45 4.62 -7.67	49.63 3.70 -4.87	42.12 3.14 -1.17	40.64 2.70 -2.86
MONGAUP___HYD 23641	39.15 1.21 0.00	37.12 1.22 0.00	36.59 1.24 0.00	36.77 1.28 0.00	37.02 1.28 0.00	41.81 1.53 0.00	57.59 2.42 0.00	65.09 2.56 0.00	52.85 1.74 0.00	44.39 1.50 0.00	38.63 1.45 0.00	37.31 1.40 0.00	37.61 1.45 0.00	37.44 1.40 0.00	37.80 1.52 0.00	38.58 1.59 0.00	41.70 1.91 0.00	47.47 2.39 0.00	55.91 3.11 0.00	65.18 3.87 0.00	57.73 3.10 -5.47	47.00 2.46 -3.48	40.87 2.23 -0.84	39.12 2.00 -2.04
MONTAUK___DIESEL 23721	39.99 2.05 0.00	38.01 2.12 0.00	37.23 1.87 0.00	37.66 2.17 0.00	38.09 2.36 0.00	43.23 2.94 -0.01	59.92 4.74 -0.01	68.59 6.06 -0.01	56.07 4.96 -0.01	46.84 3.95 0.00	40.42 3.24 0.00	38.92 3.02 0.00	39.60 3.44 0.00	39.14 3.10 0.00	39.58 3.30 0.00	40.69 3.70 0.00	43.94 4.14 -0.01	52.39 5.41 -1.90	58.87 6.07 -0.01	78.20 6.62 -10.26	67.39 5.46 -12.77	55.55 4.27 -10.22	46.05 3.25 -4.99	40.47 3.12 -2.26
MOONROAD_115KV_HARTFLD_TB1-2 355988	38.02 0.08 0.00	35.43 -0.47 0.00	34.58 -0.78 0.00	34.61 -0.89 0.00	34.91 -0.82 0.00	38.67 -1.61 0.00	52.35 -2.81 0.00	57.64 -4.88 0.00	46.51 -4.60 0.00	39.68 -3.22 0.00	34.43 -2.75 0.00	33.25 -2.66 0.00	33.16 -3.00 0.01	33.36 -2.67 0.01	33.51 -2.76 0.01	34.03 -2.96 0.00	35.93 -3.86 0.00	39.74 -5.32 0.02	43.96 -6.12 2.71	48.56 -6.74 6.01	42.93 -5.65 0.58	36.65 -4.80 -0.39	33.57 -4.31 -0.08	31.06 -4.17 -0.16

MORRIS_RIDGE___SOLAR 323848	37.68 -0.26 0.00	35.43 -0.47 0.00	34.65 -0.71 0.00	34.61 -0.89 0.00	34.84 -0.89 0.00	38.91 -1.37 0.00	52.80 -2.37 0.00	58.39 -4.13 0.00	47.48 -3.63 0.00	39.93 -2.96 0.00	34.43 -2.75 0.00	33.21 -2.69 0.00	33.03 -2.96 0.17	32.95 -2.92 0.17	33.17 -2.94 0.17	33.92 -3.07 0.00	36.37 -3.42 0.00	40.63 -4.10 0.35	22.91 -4.49 25.39	0.01 -5.15 56.16	14.92 -4.28 29.96	31.78 -3.57 5.71	34.58 -3.29 -0.06	32.06 -3.12 -0.10
MORTIMER_115KV_TB3 55949	37.41 -0.53 0.00	35.07 -0.83 0.00	34.44 -0.92 0.00	34.54 -0.96 0.00	34.80 -0.93 0.00	38.99 -1.29 0.00	52.85 -2.32 0.00	59.08 -3.44 0.00	48.25 -2.86 0.00	41.18 -1.72 0.00	35.96 -1.23 0.00	34.90 -1.01 0.00	35.37 -0.80 0.00	35.39 -0.65 0.00	35.34 -0.94 0.00	35.88 -1.11 0.00	38.24 -1.55 0.00	43.01 -2.07 0.00	49.60 -2.27 0.92	56.94 -2.33 2.04	47.92 -1.77 -0.52	40.07 -1.44 -0.45	36.32 -1.55 -0.07	33.82 -1.40 -0.15
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	39.53 1.59 0.00	37.51 1.62 0.00	36.98 1.63 0.00	37.17 1.67 0.00	37.38 1.64 0.00	42.21 1.93 0.00	58.64 3.48 0.00	67.15 4.63 0.00	54.84 3.73 0.00	45.72 2.83 0.00	39.71 2.53 0.00	38.38 2.48 0.00	38.73 2.57 0.00	38.56 2.52 0.00	38.89 2.61 0.00	39.80 2.81 0.00	43.05 3.26 0.00	49.01 3.92 0.00	57.49 4.70 0.00	66.65 5.33 0.00	59.64 4.42 -6.05	48.48 3.57 -3.85	41.76 3.02 -0.92	39.90 2.56 -2.25
MUNSVILLE_WIND_PWR 323609	41.13 3.19 0.00	38.95 3.05 0.00	38.29 2.93 0.00	38.48 2.98 0.00	38.66 2.93 0.00	43.74 3.46 0.00	60.47 5.30 0.00	68.08 5.56 0.00	54.99 3.88 0.00	45.64 2.75 0.00	39.04 1.86 0.00	37.52 1.62 0.00	37.69 1.52 0.00	37.66 1.62 0.00	37.77 1.49 0.00	38.43 1.44 0.00	41.38 1.59 0.00	47.09 1.98 -0.02	58.84 3.01 -3.04	71.67 3.62 -6.74	54.55 2.26 -3.13	44.15 1.76 -1.33	39.75 1.55 -0.39	37.40 1.33 -0.98
N SALMON___HYD 24042	38.36 0.42 0.00	36.36 0.47 0.00	35.92 0.56 0.00	36.06 0.57 0.00	36.30 0.57 0.00	41.04 0.76 0.00	56.44 1.27 0.00	63.52 1.00 0.00	51.92 0.82 0.00	43.58 0.68 0.00	37.74 0.56 0.00	36.19 0.29 0.00	36.38 0.22 0.00	36.22 0.18 0.00	36.35 0.07 0.00	36.99 0.00 0.00	39.79 0.00 0.00	45.04 -0.05 0.00	52.16 -0.63 0.00	59.91 -1.41 0.00	48.28 -0.88 0.00	39.99 -1.07 0.00	36.79 -1.02 0.00	34.38 -0.70 0.00
N.AKRON__115KV_KNAPP 355671	37.45 -0.49 0.00	35.07 -0.83 0.00	34.40 -0.95 0.00	34.47 -1.03 0.00	34.70 -1.04 0.00	38.63 -1.65 0.00	52.02 -3.14 0.00	57.52 -5.00 0.00	46.87 -4.24 0.00	40.41 -2.49 0.00	35.36 -1.82 0.00	34.36 -1.54 0.00	34.74 -1.41 0.02	34.87 -1.15 0.02	34.77 -1.49 0.02	35.32 -1.66 0.00	37.40 -2.39 0.00	41.71 -3.34 0.04	45.44 -3.75 3.60	49.47 -3.86 7.98	43.60 -3.00 2.56	38.47 -2.46 0.13	35.46 -2.42 -0.07	32.95 -2.28 -0.15
N.BELMOR_69_KV_BK1 55787	40.03 2.09 0.00	38.05 2.15 0.00	37.34 1.98 0.00	37.59 2.09 0.00	37.91 2.18 0.00	42.79 2.50 -0.01	59.26 4.08 -0.01	67.72 5.19 -0.01	55.31 4.19 -0.01	46.11 3.22 0.00	39.79 2.60 0.00	38.35 2.44 0.00	38.81 2.64 0.00	38.49 2.45 0.00	39.07 2.79 0.00	40.13 3.14 0.00	43.42 3.62 -0.01	51.94 4.24 -2.62	57.82 5.02 -0.01	81.16 5.70 -14.14	69.19 4.72 -15.31	57.59 3.90 -12.63	47.73 3.40 -6.52	40.33 2.98 -2.27
N.E_GEN_SANDY PD 24062	38.93 0.98 0.00	36.90 1.00 0.00	36.45 1.10 0.00	36.60 1.10 0.00	36.88 1.14 0.00	41.61 1.33 0.00	57.43 2.26 0.00	65.71 3.19 0.00	53.51 2.40 0.00	43.90 1.76 0.75	39.46 1.53 -0.75	37.38 1.47 0.00	37.65 1.48 0.00	37.48 1.44 0.00	37.91 1.63 0.00	38.91 1.92 0.00	42.06 2.27 0.00	47.88 2.80 0.00	56.28 3.48 0.00	65.49 4.17 0.00	59.41 3.44 -6.81	49.00 2.83 -5.11	41.48 2.38 -1.29	39.30 1.93 -2.29
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	39.15 1.21 0.00	37.19 1.29 0.00	36.63 1.27 0.00	36.81 1.31 0.00	37.02 1.29 0.00	41.81 1.53 0.00	58.04 2.87 0.00	66.33 3.81 0.00	54.07 2.96 0.00	45.12 2.23 0.00	39.12 1.93 0.00	37.85 1.94 0.00	38.19 2.03 0.00	37.98 1.95 0.00	38.35 2.07 0.00	39.24 2.26 0.00	42.42 2.63 0.00	48.24 3.16 0.00	56.65 3.85 0.00	65.79 4.48 0.00	58.64 3.69 -5.79	47.74 3.00 -3.68	41.19 2.50 -0.89	39.35 2.10 -2.16
N.QUEENS_27_KV_LOAD 356247	39.50 1.56 0.00	37.44 1.54 0.00	37.09 1.73 0.00	37.20 1.70 0.00	37.41 1.68 0.00	42.09 1.81 0.00	58.48 3.31 0.00	67.02 4.50 0.00	54.93 3.83 0.01	45.80 2.92 0.01	39.82 2.64 0.01	38.56 2.66 0.01	38.91 2.75 0.01	38.73 2.70 0.01	39.06 2.79 0.01	39.94 2.96 0.01	43.12 3.34 0.01	49.13 4.06 0.01	57.54 4.75 0.00	66.59 5.27 0.00	59.64 4.42 -6.05	48.48 3.57 -3.85	41.76 3.02 -0.92	40.04 2.70 -2.25
N.TROY___115KV_TB1 355778	39.04 1.10 0.00	37.08 1.18 0.00	36.59 1.24 0.00	36.74 1.24 0.00	37.05 1.32 0.00	41.81 1.53 0.00	57.60 2.43 0.00	65.65 3.13 0.00	53.46 2.35 0.00	44.61 1.72 0.00	38.49 1.30 0.00	37.16 1.26 0.00	37.39 1.23 0.00	37.30 1.26 0.00	37.73 1.45 0.00	38.69 1.70 0.00	41.82 2.03 0.00	47.61 2.52 0.00	56.01 3.22 0.00	65.24 3.92 0.00	59.85 3.15 -7.54	48.48 2.63 -4.79	41.19 2.23 -1.15	39.71 1.82 -2.81
NARROWS_GT1_1 24228	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.84 5.31 -0.01	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	81.24 5.33 -23.12	85.53 6.07 -18.14	82.22 5.02 -28.04	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
NARROWS_GT1_2 24229	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.84 5.31 -0.01	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	81.24 5.33 -23.12	85.53 6.07 -18.14	82.22 5.02 -28.04	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
NARROWS_GT1_3 24230	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.84 5.31 -0.01	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	81.24 5.33 -23.12	85.53 6.07 -18.14	82.22 5.02 -28.04	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
NARROWS_GT1_4 24231	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.84 5.31 -0.01	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	81.24 5.33 -23.12	85.53 6.07 -18.14	82.22 5.02 -28.04	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48

NARROWS_GT1_5 24232	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.84 5.31 -0.01	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	81.24 5.33 -23.12	85.53 6.07 -18.14	82.22 5.02 -28.04	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
NARROWS_GT1_6 24233	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.84 5.31 -0.01	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	81.24 5.33 -23.12	85.53 6.07 -18.14	82.22 5.02 -28.04	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
NARROWS_GT1_7 24234	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.84 5.31 -0.01	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	81.24 5.33 -23.12	85.53 6.07 -18.14	82.22 5.02 -28.04	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
NARROWS_GT1_8 24235	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.84 5.31 -0.01	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	81.24 5.33 -23.12	85.53 6.07 -18.14	82.22 5.02 -28.04	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
NARROWS_GT2_1 24236	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.85 5.31 -0.02	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	101.16 5.33 -43.04	101.17 6.07 -33.78	101.17 5.02 -46.99	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
NARROWS_GT2_2 24237	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.85 5.31 -0.02	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	101.16 5.33 -43.04	101.17 6.07 -33.78	101.17 5.02 -46.99	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
NARROWS_GT2_3 24238	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.85 5.31 -0.02	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	101.16 5.33 -43.04	101.17 6.07 -33.78	101.17 5.02 -46.99	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
NARROWS_GT2_4 24239	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.85 5.31 -0.02	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	101.16 5.33 -43.04	101.17 6.07 -33.78	101.17 5.02 -46.99	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
NARROWS_GT2_5 24240	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.85 5.31 -0.02	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	101.16 5.33 -43.04	101.17 6.07 -33.78	101.17 5.02 -46.99	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
NARROWS_GT2_6 24241	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.85 5.31 -0.02	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	101.16 5.33 -43.04	101.17 6.07 -33.78	101.17 5.02 -46.99	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
NARROWS_GT2_7 24242	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.85 5.31 -0.02	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	101.16 5.33 -43.04	101.17 6.07 -33.78	101.17 5.02 -46.99	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
NARROWS_GT2_8 24243	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.85 5.31 -0.02	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	101.16 5.33 -43.04	101.17 6.07 -33.78	101.17 5.02 -46.99	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	39.12 1.18 0.00	37.15 1.26 0.00	36.66 1.31 0.00	36.81 1.31 0.00	37.09 1.36 0.00	41.85 1.57 0.00	57.65 2.48 0.00	65.46 2.94 0.00	53.05 1.94 0.00	44.18 1.29 0.00	38.00 0.82 0.00	36.63 0.72 0.00	36.92 0.76 0.00	36.83 0.79 0.00	37.33 1.05 0.00	38.24 1.26 0.00	41.34 1.55 0.00	47.11 2.03 0.00	55.64 2.85 0.00	64.87 3.56 0.00	58.38 2.16 -7.05	47.27 1.72 -4.49	40.25 1.36 -1.08	38.97 1.26 -2.63
NCHELSEA_115KV_TR2 355582	39.42 1.48 0.00	37.44 1.54 0.00	36.91 1.56 0.00	37.10 1.60 0.00	37.27 1.54 0.00	42.17 1.89 0.00	58.48 3.31 0.00	66.77 4.25 0.00	54.38 3.27 0.00	45.34 2.44 0.00	39.16 1.97 0.00	37.88 1.97 0.00	38.23 2.06 0.00	38.06 2.02 0.00	38.46 2.18 0.00	39.39 2.40 0.00	42.61 2.83 0.00	48.47 3.38 0.00	56.96 4.17 0.00	66.28 4.97 0.00	59.20 4.03 -6.00	48.12 3.24 -3.82	41.41 2.68 -0.92	39.63 2.32 -2.24
NEG CAPITAL___MECHNVIL 23645	39.84 1.90 0.00	37.80 1.90 0.00	37.33 1.98 0.00	37.49 1.99 0.00	37.80 2.07 0.00	42.65 2.38 0.00	58.97 3.80 0.00	67.08 4.56 0.00	54.43 3.32 0.00	45.38 2.49 0.00	39.08 1.90 0.00	37.60 1.69 0.00	37.83 1.66 0.00	37.77 1.73 0.00	38.20 1.92 0.00	39.28 2.29 0.00	42.46 2.67 0.00	48.33 3.25 0.00	56.91 4.12 0.00	66.52 5.21 0.00	60.86 4.08 -7.62	49.23 3.32 -4.85	41.81 2.84 -1.17	40.34 2.42 -2.84

NEG CENTRAL_HIGH_ACRES 23767	37.03 -0.91 0.00	34.85 -1.04 0.00	34.19 -1.17 0.00	34.29 -1.21 0.00	34.52 -1.22 0.00	38.83 -1.45 0.00	52.69 -2.48 0.00	59.08 -3.44 0.00	48.35 -2.76 0.00	41.01 -1.89 0.00	35.70 -1.49 0.00	34.65 -1.26 0.00	35.08 -1.08 0.00	35.07 -0.97 0.00	35.08 -1.20 0.00	35.54 -1.44 0.00	38.00 -1.79 0.00	42.87 -2.21 0.00	49.71 -2.43 0.65	57.41 -2.45 1.46	47.65 -2.06 -0.55	39.81 -1.69 -0.43	36.11 -1.78 -0.07	33.60 -1.65 -0.17
NEG CENTRAL___DRP 24199	38.24 0.30 0.00	36.08 0.18 0.00	35.46 0.11 0.00	35.57 0.07 0.00	35.80 0.07 0.00	40.32 0.04 0.00	55.00 -0.17 0.00	61.96 -0.56 0.00	50.65 -0.46 0.00	42.59 -0.30 0.00	36.96 -0.22 0.00	35.69 -0.22 0.00	35.96 -0.22 -0.01	35.86 -0.18 -0.01	36.00 -0.29 -0.01	36.65 -0.33 0.00	39.39 -0.40 0.00	44.55 -0.54 -0.01	52.44 -0.37 -0.02	60.78 -0.55 -0.02	50.66 -0.44 -1.95	41.51 -0.33 -0.77	37.50 -0.38 -0.07	34.88 -0.35 -0.15
NEG CENTRAL___INDECK 23768	38.81 0.87 0.00	36.51 0.61 0.00	35.71 0.35 0.00	35.78 0.28 0.00	35.98 0.25 0.00	40.48 0.20 0.00	55.00 -0.17 0.00	61.20 -1.32 0.00	49.62 -1.48 0.00	41.78 -1.12 0.00	36.11 -1.08 0.00	34.86 -1.04 0.00	35.16 -1.08 -0.08	35.11 -1.01 -0.08	35.24 -1.12 -0.08	35.62 -1.37 0.00	38.20 -1.59 0.00	43.43 -1.80 -0.16	60.00 -1.58 -8.78	79.41 -1.29 -19.39	63.54 -1.18 -15.56	43.94 -0.94 -3.82	36.64 -1.21 -0.05	33.93 -1.23 -0.08
NEG CENTRAL___SENECA 23627	38.40 0.46 0.00	36.18 0.29 0.00	35.53 0.18 0.00	35.64 0.14 0.00	35.88 0.14 0.00	40.36 0.08 0.00	55.00 -0.17 0.00	61.77 -0.75 0.00	50.49 -0.61 0.00	42.55 -0.34 0.00	36.89 -0.30 0.00	35.62 -0.29 0.00	35.85 -0.33 -0.01	35.76 -0.29 -0.01	35.93 -0.36 -0.01	36.58 -0.41 0.00	39.27 -0.52 0.00	44.38 -0.72 -0.02	51.96 -0.53 0.30	59.83 -0.80 0.69	51.19 -0.64 -2.67	41.57 -0.49 -1.00	37.28 -0.57 -0.04	34.58 -0.56 -0.06
NEG CENTRAL___STATE_STREET 24147	38.17 0.23 0.00	36.08 0.18 0.00	35.46 0.11 0.00	35.57 0.07 0.00	35.84 0.11 0.00	40.36 0.08 0.00	55.28 0.11 0.00	62.40 -0.13 0.00	50.95 -0.15 0.00	42.85 -0.04 0.00	37.19 0.00 0.00	35.94 0.04 0.00	36.20 0.04 0.00	36.11 0.07 0.00	36.28 0.00 0.00	36.91 -0.07 0.00	39.71 -0.08 0.00	44.91 -0.18 0.00	53.43 0.05 -0.58	62.67 0.06 -1.29	50.01 0.00 -0.85	41.53 0.00 -0.47	37.95 0.00 -0.14	35.39 -0.04 -0.35
NEG MILLWOOD___DRP 24198	39.50 1.56 0.00	37.55 1.65 0.00	36.98 1.63 0.00	37.20 1.70 0.00	37.38 1.64 0.00	42.25 1.97 0.00	58.70 3.53 0.00	67.21 4.69 0.00	54.79 3.68 0.00	45.55 2.66 0.00	39.38 2.19 0.00	38.10 2.19 0.00	38.55 2.39 0.00	38.34 2.31 0.00	38.71 2.43 0.00	39.61 2.63 0.00	42.89 3.10 0.00	48.74 3.65 0.00	57.28 4.49 0.00	66.71 5.40 0.00	59.61 4.38 -6.08	48.42 3.49 -3.87	41.65 2.91 -0.93	39.80 2.46 -2.26
NEG NORTH_FLCN_SEA 23793	38.36 0.42 0.00	36.36 0.47 0.00	35.89 0.53 0.00	36.03 0.53 0.00	36.30 0.57 0.00	41.00 0.73 0.00	56.27 1.10 0.00	62.90 0.38 0.00	51.82 0.72 0.00	43.49 0.60 0.00	37.71 0.52 0.00	36.16 0.25 0.00	36.35 0.18 0.00	36.15 0.11 0.00	36.28 0.00 0.00	36.95 -0.04 0.00	39.75 -0.04 0.00	44.95 -0.14 0.00	52.00 -0.79 0.00	60.09 -1.23 0.00	48.03 -1.13 0.00	39.79 -1.27 0.00	36.60 -1.21 0.00	34.42 -0.67 0.00
NEG NORTH_KES_CHATEGAY 23792	38.13 0.19 0.00	36.18 0.29 0.00	35.71 0.35 0.00	35.85 0.35 0.00	36.09 0.36 0.00	40.76 0.48 0.00	55.89 0.72 0.00	62.83 0.31 0.00	51.57 0.46 0.00	43.28 0.39 0.00	37.52 0.33 0.00	35.98 0.07 0.00	36.17 0.00 0.00	35.93 -0.11 0.00	36.06 -0.22 0.00	36.77 -0.22 0.00	39.51 -0.28 0.00	44.68 -0.41 0.00	51.68 -1.11 0.00	59.66 -1.66 0.00	47.64 -1.52 0.00	39.58 -1.48 0.00	36.41 -1.40 0.00	34.06 -1.02 0.00
NEG NORTH___ALICE_FALLS 23915	38.66 0.72 0.00	36.65 0.75 0.00	36.20 0.85 0.00	36.31 0.82 0.00	36.59 0.86 0.00	41.37 1.09 0.00	56.88 1.71 0.00	63.65 1.13 0.00	52.23 1.12 0.00	43.84 0.94 0.00	38.04 0.86 0.00	36.41 0.50 0.00	36.64 0.47 0.00	36.47 0.43 0.00	36.57 0.29 0.00	37.25 0.26 0.00	40.07 0.28 0.00	45.35 0.27 0.00	52.48 -0.32 0.00	60.64 -0.67 0.00	48.52 -0.64 0.00	40.16 -0.90 0.00	36.90 -0.91 0.00	34.59 -0.49 0.00
NEG NORTH___LWR_SARANAC 23913	38.66 0.72 0.00	36.65 0.75 0.00	36.20 0.85 0.00	36.31 0.82 0.00	36.59 0.86 0.00	41.37 1.09 0.00	56.88 1.71 0.00	63.65 1.13 0.00	52.23 1.12 0.00	43.84 0.94 0.00	38.04 0.86 0.00	36.41 0.50 0.00	36.64 0.47 0.00	36.47 0.43 0.00	36.57 0.29 0.00	37.25 0.26 0.00	40.07 0.28 0.00	45.35 0.27 0.00	52.48 -0.32 0.00	60.64 -0.67 0.00	48.52 -0.64 0.00	40.16 -0.90 0.00	36.90 -0.91 0.00	34.59 -0.49 0.00
NEG NORTH___PLATTSBURG 23628	38.66 0.72 0.00	36.65 0.76 0.00	36.20 0.85 0.00	36.32 0.82 0.00	36.59 0.86 0.00	41.37 1.09 0.00	56.88 1.71 0.00	63.65 1.13 0.00	52.23 1.12 0.00	43.84 0.94 0.00	37.97 0.78 0.00	36.41 0.50 0.00	36.63 0.47 0.00	36.47 0.43 0.00	36.57 0.29 0.00	37.25 0.26 0.00	40.07 0.28 0.00	45.36 0.27 0.00	52.48 -0.31 0.00	59.84 -1.47 0.00	48.52 -0.64 0.00	40.16 -0.90 0.00	36.90 -0.91 0.00	34.62 -0.46 0.00
NEG WEST_LEA_LOCKPORT 23791	36.73 -1.21 0.00	34.35 -1.54 0.00	33.69 -1.66 0.00	33.72 -1.77 0.00	33.98 -1.75 0.00	37.66 -2.62 0.00	50.53 -4.63 0.00	55.64 -6.88 0.00	45.38 -5.72 0.00	39.29 -3.60 0.00	34.47 -2.71 0.00	33.54 -2.37 0.00	33.86 -2.28 0.02	33.99 -2.02 0.02	33.93 -2.32 0.02	34.44 -2.55 0.00	36.37 -3.42 0.00	40.48 -4.55 0.05	43.02 -5.17 4.60	45.56 -5.58 10.18	41.09 -4.33 3.75	37.09 -3.61 0.36	34.55 -3.33 -0.07	32.15 -3.09 -0.15
NEG WEST___LANCASTR 23811	36.95 -0.99 0.00	34.60 -1.29 0.00	33.94 -1.41 0.00	33.97 -1.53 0.00	34.23 -1.50 0.00	38.02 -2.26 0.00	51.75 -3.42 0.00	57.08 -5.44 0.00	46.25 -4.86 0.00	39.68 -3.22 0.00	34.66 -2.53 0.00	33.65 -2.26 0.00	32.94 -3.22 0.01	33.18 -2.85 0.01	33.88 -2.39 0.01	34.62 -2.37 0.00	36.69 -3.10 0.00	40.41 -4.64 0.03	44.16 -5.44 3.20	48.09 -6.13 7.09	42.54 -5.41 1.21	36.76 -4.56 -0.26	34.25 -3.63 -0.07	31.41 -3.82 -0.15
NEG_PENN_ALLEGHNY 23528	38.70 0.76 0.00	36.61 0.72 0.00	35.92 0.56 0.00	36.06 0.57 0.00	36.30 0.57 0.00	40.84 0.56 0.00	56.16 0.99 0.00	63.33 0.81 0.00	51.72 0.62 0.00	43.45 0.56 0.00	37.74 0.56 0.00	36.48 0.57 0.00	36.67 0.51 0.00	36.54 0.50 0.00	36.79 0.51 0.00	37.50 0.52 0.00	40.27 0.48 0.00	45.53 0.45 0.00	52.75 0.74 0.79	60.49 0.92 1.75	51.38 0.49 -1.73	42.67 0.41 -1.20	38.36 0.30 -0.25	35.86 0.18 -0.60
NEG___GEN_MONROE 24207	37.64 -0.30 0.00	35.29 -0.61 0.00	34.65 -0.71 0.00	34.79 -0.71 0.00	35.02 -0.71 0.00	39.27 -1.01 0.00	53.13 -2.04 0.00	59.27 -3.25 0.00	48.25 -2.86 0.00	41.18 -1.72 0.00	35.92 -1.26 0.00	34.83 -1.08 0.00	35.26 -0.90 0.00	35.31 -0.72 0.00	35.26 -1.02 0.00	35.80 -1.18 0.00	38.00 -1.79 0.00	42.82 -2.25 0.01	49.00 -2.32 1.47	55.72 -2.33 3.26	47.25 -1.72 0.19	39.97 -1.40 -0.30	36.40 -1.47 -0.07	33.90 -1.33 -0.15

NEPA__ENERGY 23901	37.56 -0.38 0.00	35.11 -0.79 0.00	34.40 -0.95 0.00	34.40 -1.10 0.00	34.70 -1.04 0.00	38.55 -1.73 0.00	52.35 -2.81 0.00	57.83 -4.69 0.00	46.87 -4.24 0.00	40.19 -2.70 0.00	35.10 -2.08 0.00	34.08 -1.83 0.00	34.06 -2.10 0.01	34.22 -1.80 0.01	34.42 -1.85 0.01	34.99 -2.00 0.00	37.12 -2.67 0.00	41.22 -3.83 0.03	45.35 -4.33 3.12	49.81 -4.60 6.91	44.08 -3.88 1.20	38.04 -3.28 -0.26	34.98 -2.91 -0.08	32.41 -2.84 -0.17
NEVERSink__HYD 23608	39.38 1.44 0.00	37.37 1.47 0.00	36.84 1.48 0.00	37.06 1.56 0.00	37.23 1.50 0.00	42.09 1.81 0.00	58.37 3.20 0.00	66.53 4.00 0.00	54.02 2.91 0.00	45.16 2.27 0.00	38.93 1.75 0.00	37.60 1.69 0.00	37.94 1.77 0.00	37.77 1.73 0.00	38.16 1.89 0.00	39.13 2.14 0.00	42.30 2.51 0.00	48.06 2.97 0.00	56.54 3.75 0.00	65.85 4.54 0.00	58.20 3.59 -5.45	47.40 2.87 -3.47	41.02 2.38 -0.83	39.32 2.21 -2.03
NEWKRMKL_115KV_TB1 55635	38.40 0.46 0.00	36.47 0.57 0.00	35.96 0.60 0.00	36.10 0.60 0.00	36.38 0.64 0.00	40.96 0.68 0.00	56.33 1.16 0.00	64.21 1.69 0.00	52.39 1.28 0.00	43.79 0.90 0.00	37.89 0.71 0.00	36.59 0.68 0.00	36.89 0.72 0.00	36.76 0.72 0.00	37.15 0.87 0.00	38.02 1.04 0.00	40.98 1.19 0.00	46.57 1.49 0.00	54.75 1.95 0.00	63.71 2.39 0.00	58.50 1.87 -7.47	47.37 1.56 -4.75	40.27 1.32 -1.14	39.02 1.16 -2.78
NEWTON__FALLS_HYD 23847	37.14 -0.80 0.00	35.14 -0.75 0.00	34.68 -0.67 0.00	34.93 -0.57 0.00	35.16 -0.57 0.00	39.80 -0.48 0.00	54.78 -0.39 0.00	61.96 -0.56 0.00	50.34 -0.77 0.00	42.12 -0.77 0.00	36.41 -0.78 0.00	34.94 -0.97 0.00	35.04 -1.12 0.00	34.96 -1.08 0.00	35.08 -1.20 0.00	35.73 -1.26 0.00	38.40 -1.39 0.00	43.64 -1.44 0.00	51.21 -1.58 0.00	59.60 -1.72 0.00	47.78 -1.52 -0.14	39.76 -1.40 -0.09	36.51 -1.32 -0.02	33.94 -1.19 -0.05
NGRID_A1_DSASP 323792	36.42 -1.52 0.00	33.89 -2.01 0.00	33.09 -2.26 0.00	33.15 -2.34 0.00	33.41 -2.32 0.00	37.18 -3.10 0.00	49.65 -5.52 0.00	54.46 -8.06 0.00	44.82 -6.29 0.00	38.65 -4.25 0.00	33.91 -3.27 0.00	33.18 -2.73 0.00	33.54 -2.60 0.02	33.68 -2.34 0.02	33.65 -2.61 0.02	33.84 -3.14 0.00	35.85 -3.94 0.00	39.94 -5.09 0.04	43.09 -5.81 3.90	46.62 -6.07 8.63	41.49 -4.87 2.80	36.84 -4.07 0.16	34.10 -3.78 -0.07	31.76 -3.47 -0.15
NGRID_A2_DSASP 323793	36.42 -1.52 0.00	33.89 -2.01 0.00	33.09 -2.26 0.00	33.15 -2.34 0.00	33.41 -2.32 0.00	37.18 -3.10 0.00	49.65 -5.52 0.00	54.46 -8.06 0.00	44.82 -6.29 0.00	38.65 -4.25 0.00	33.91 -3.27 0.00	33.18 -2.73 0.00	33.54 -2.60 0.02	33.68 -2.34 0.02	33.65 -2.61 0.02	33.84 -3.14 0.00	35.85 -3.94 0.00	39.94 -5.09 0.04	43.09 -5.81 3.90	46.62 -6.07 8.63	41.49 -4.87 2.80	36.84 -4.07 0.16	34.10 -3.78 -0.07	31.76 -3.47 -0.15
NGRID_A4_DSASP 323807	36.42 -1.52 0.00	33.89 -2.01 0.00	33.09 -2.26 0.00	33.15 -2.34 0.00	33.41 -2.32 0.00	37.18 -3.10 0.00	49.65 -5.52 0.00	54.46 -8.06 0.00	44.82 -6.29 0.00	38.65 -4.25 0.00	33.91 -3.27 0.00	33.18 -2.73 0.00	33.54 -2.60 0.02	33.68 -2.34 0.02	33.65 -2.61 0.02	33.84 -3.14 0.00	35.85 -3.94 0.00	39.94 -5.09 0.04	43.09 -5.81 3.90	46.62 -6.07 8.63	41.49 -4.87 2.80	36.84 -4.07 0.16	34.10 -3.78 -0.07	31.76 -3.47 -0.15
NIAGARA_115E_LBMP 323715	36.31 -1.63 0.00	34.17 -1.72 0.00	33.41 -1.94 0.00	33.44 -2.06 0.00	33.70 -2.04 0.00	37.42 -2.86 0.00	49.82 -5.35 0.00	54.70 -7.82 0.00	44.92 -6.19 0.00	38.69 -4.20 0.00	33.95 -3.24 0.00	33.18 -2.73 0.00	33.51 -2.64 0.02	33.64 -2.38 0.02	33.65 -2.61 0.02	33.88 -3.11 0.00	35.89 -3.90 0.00	39.94 -5.09 0.04	43.09 -5.81 3.90	46.61 -6.07 8.63	41.50 -4.87 2.79	36.88 -4.02 0.15	34.14 -3.74 -0.07	31.73 -3.51 -0.15
NIAGARA_115W_LBMP 323714	36.35 -1.59 0.00	33.78 -2.12 0.00	32.99 -2.37 0.00	33.05 -2.45 0.00	33.27 -2.47 0.00	37.06 -3.22 0.00	49.49 -5.68 0.00	54.33 -8.19 0.00	44.72 -6.39 0.00	38.52 -4.38 0.00	33.80 -3.38 0.00	33.07 -2.84 0.00	33.43 -2.71 0.02	33.57 -2.45 0.02	33.54 -2.72 0.02	33.73 -3.26 0.00	35.73 -4.06 0.00	39.81 -5.23 0.04	42.92 -5.97 3.91	46.41 -6.25 8.65	41.37 -4.96 2.82	36.75 -4.15 0.16	34.02 -3.86 -0.07	31.66 -3.58 -0.15
NIAGARA_230_LBMP 323716	36.46 -1.48 0.00	34.10 -1.79 0.00	33.34 -2.01 0.00	33.40 -2.09 0.00	33.62 -2.11 0.00	37.46 -2.82 0.00	50.09 -5.07 0.00	55.02 -7.50 0.00	45.28 -5.83 0.00	38.95 -3.95 0.00	34.18 -3.01 0.00	33.43 -2.48 0.00	33.72 -2.42 0.02	33.86 -2.16 0.02	33.86 -2.40 0.02	34.10 -2.89 0.00	36.13 -3.66 0.00	40.30 -4.73 0.05	43.43 -5.39 3.98	46.93 -5.58 8.81	41.78 -4.42 2.95	37.13 -3.74 0.20	34.40 -3.48 -0.07	32.01 -3.23 -0.15
NIAGARA__115KV_198_GIBSON 55903	36.27 -1.67 0.00	33.56 -2.33 0.00	32.92 -2.44 0.00	32.98 -2.52 0.00	33.23 -2.50 0.00	36.86 -3.42 0.00	49.43 -5.74 0.00	54.33 -8.19 0.00	44.41 -6.70 0.00	38.60 -4.29 0.00	33.95 -3.24 0.00	33.11 -2.80 0.00	33.47 -2.68 0.02	33.57 -2.45 0.02	33.50 -2.76 0.02	33.99 -3.00 0.00	35.85 -3.94 0.00	39.81 -5.23 0.04	42.92 -5.97 3.91	46.16 -6.50 8.65	41.37 -4.97 2.82	36.71 -4.19 0.16	34.06 -3.82 -0.07	31.73 -3.51 -0.15
NIAGARA____ 23760	36.46 -1.48 0.00	34.10 -1.79 0.00	33.34 -2.01 0.00	33.40 -2.09 0.00	33.62 -2.11 0.00	37.46 -2.82 0.00	50.09 -5.07 0.00	55.02 -7.50 0.00	45.28 -5.83 0.00	38.95 -3.95 0.00	34.18 -3.01 0.00	33.43 -2.48 0.00	33.72 -2.42 0.02	33.86 -2.16 0.02	33.86 -2.40 0.02	34.10 -2.89 0.00	36.13 -3.66 0.00	40.31 -4.73 0.05	43.46 -5.39 3.94	47.00 -5.58 8.73	41.85 -4.42 2.89	37.15 -3.74 0.18	34.40 -3.48 -0.07	32.01 -3.23 -0.15
NINE_MILE_1 23575	37.22 -0.72 0.00	35.18 -0.72 0.00	34.61 -0.74 0.00	34.75 -0.75 0.00	34.95 -0.79 0.00	39.35 -0.92 0.00	53.73 -1.43 0.00	60.65 -1.87 0.00	49.52 -1.58 0.00	41.61 -1.29 0.00	36.11 -1.08 0.00	34.94 -0.97 0.00	35.22 -0.94 0.00	35.10 -0.94 0.00	35.30 -0.98 0.00	35.84 -1.15 0.00	38.51 -1.27 0.00	43.73 -1.35 0.00	51.26 -1.53 0.00	59.60 -1.72 0.00	48.13 -1.38 -0.34	40.17 -1.11 -0.22	36.95 -0.91 -0.05	34.40 -0.81 -0.13
NINE_MILE_2 23744	37.22 -0.72 0.00	35.18 -0.72 0.00	34.61 -0.74 0.00	34.75 -0.75 0.00	34.95 -0.79 0.00	39.35 -0.92 0.00	53.68 -1.49 0.00	60.65 -1.87 0.00	49.47 -1.64 0.00	41.61 -1.29 0.00	36.11 -1.08 0.00	34.94 -0.97 0.00	35.19 -0.97 0.00	35.10 -0.94 0.00	35.30 -0.98 0.00	35.84 -1.15 0.00	38.51 -1.27 0.00	43.69 -1.40 0.00	51.26 -1.53 0.00	59.60 -1.72 0.00	48.13 -1.38 -0.34	40.17 -1.11 -0.22	36.95 -0.91 -0.05	34.40 -0.81 -0.13
NM_CAPITAL__DRP 24208	38.47 0.53 0.00	36.54 0.65 0.00	36.03 0.67 0.00	36.17 0.67 0.00	36.45 0.71 0.00	41.04 0.77 0.00	56.44 1.27 0.00	64.40 1.88 0.00	52.54 1.43 0.00	43.92 1.03 0.00	38.00 0.82 0.00	36.70 0.79 0.00	36.96 0.80 0.00	36.83 0.79 0.00	37.26 0.98 0.00	38.13 1.15 0.00	41.10 1.31 0.00	46.75 1.67 0.00	54.96 2.16 0.00	63.89 2.58 0.00	58.67 2.06 -7.45	47.56 1.77 -4.74	40.42 1.47 -1.14	39.12 1.26 -2.77

NM_CENTRAL___DRP 24181	37.86 -0.08 0.00	35.79 -0.11 0.00	35.21 -0.14 0.00	35.36 -0.14 0.00	35.59 -0.14 0.00	40.08 -0.20 0.00	54.73 -0.44 0.00	61.90 -0.63 0.00	50.55 -0.56 0.00	42.55 -0.34 0.00	36.96 -0.22 0.00	35.73 -0.18 0.00	36.02 -0.14 0.00	35.93 -0.11 0.00	36.10 -0.18 0.00	36.73 -0.26 0.00	39.47 -0.32 0.00	44.63 -0.45 0.00	52.42 -0.37 0.00	60.89 -0.43 0.00	49.27 -0.39 -0.50	41.09 -0.29 -0.32	37.66 -0.23 -0.08	35.09 -0.18 -0.19
NM_FRONTIER___DRP 24179	36.27 -1.67 0.00	33.56 -2.33 0.00	32.92 -2.44 0.00	32.98 -2.52 0.00	33.23 -2.50 0.00	36.86 -3.42 0.00	49.43 -5.74 0.00	54.33 -8.19 0.00	44.41 -6.70 0.00	38.60 -4.29 0.00	33.95 -3.24 0.00	33.11 -2.80 0.00	33.47 -2.68 0.02	33.57 -2.45 0.02	33.50 -2.76 0.02	33.99 -3.00 0.00	35.85 -3.94 0.00	39.81 -5.23 0.04	42.92 -5.97 3.91	46.16 -6.50 8.65	41.37 -4.97 2.82	36.71 -4.19 0.16	34.06 -3.82 -0.07	31.73 -3.51 -0.15
NM_ST_REGIS___HYD 24053	37.64 -0.30 0.00	35.65 -0.25 0.00	35.14 -0.21 0.00	35.32 -0.18 0.00	35.55 -0.18 0.00	40.20 -0.08 0.00	55.22 0.06 0.00	62.40 -0.13 0.00	50.90 -0.20 0.00	42.68 -0.21 0.00	36.96 -0.22 0.00	35.44 -0.47 0.00	35.62 -0.54 0.00	35.50 -0.54 0.00	35.66 -0.62 0.00	36.32 -0.67 0.00	39.03 -0.76 0.00	44.23 -0.86 0.00	51.42 -1.37 0.00	59.66 -1.66 0.00	47.78 -1.38 0.00	39.71 -1.35 0.00	36.56 -1.25 0.00	34.06 -1.02 0.00
NORTHPORT___1 23551	39.72 1.78 0.00	37.69 1.79 0.00	37.05 1.70 0.00	37.31 1.81 0.00	37.66 1.93 0.00	42.46 2.17 -0.01	58.26 3.09 -0.01	66.65 4.13 -0.01	54.59 3.48 -0.01	45.81 2.92 0.00	39.64 2.45 0.00	38.06 2.15 0.00	38.59 2.42 0.00	38.16 2.13 0.00	38.75 2.47 0.00	39.80 2.81 0.00	43.14 3.34 -0.01	50.67 3.74 -1.85	57.08 4.27 -0.01	76.08 4.79 -9.98	65.78 4.03 -12.59	54.51 3.41 -10.04	45.89 3.21 -4.87	40.22 2.88 -2.26
NORTHPORT___2 23552	39.72 1.78 0.00	37.69 1.79 0.00	37.05 1.70 0.00	37.31 1.81 0.00	37.66 1.93 0.00	42.46 2.17 -0.01	58.26 3.09 -0.01	66.65 4.13 -0.01	54.59 3.48 -0.01	45.81 2.92 0.00	39.64 2.45 0.00	38.06 2.15 0.00	38.59 2.42 0.00	38.16 2.13 0.00	38.75 2.47 0.00	39.80 2.81 0.00	43.14 3.34 -0.01	50.67 3.74 -1.85	57.08 4.27 -0.01	76.08 4.79 -9.98	65.78 4.03 -12.59	54.51 3.41 -10.04	45.89 3.21 -4.87	40.22 2.88 -2.26
NORTHPORT___3 23553	40.14 2.20 0.00	38.09 2.19 0.00	37.44 2.09 0.00	37.70 2.20 0.00	38.05 2.32 0.00	42.87 2.58 -0.01	59.37 4.19 -0.01	67.91 5.38 -0.01	55.41 4.29 -0.01	46.41 3.52 0.00	40.12 2.94 0.00	38.56 2.66 0.00	39.09 2.93 0.00	38.70 2.67 0.00	39.25 2.98 0.00	40.32 3.33 0.00	43.66 3.86 -0.01	51.42 4.46 -1.87	58.03 5.23 -0.01	77.43 6.01 -10.10	66.79 4.96 -12.67	55.29 4.11 -10.12	46.36 3.63 -4.92	40.57 3.23 -2.26
NORTHPORT___4 23650	40.14 2.20 0.00	38.09 2.19 0.00	37.44 2.09 0.00	37.70 2.20 0.00	38.05 2.32 0.00	42.87 2.58 -0.01	59.37 4.19 -0.01	67.91 5.38 -0.01	55.41 4.29 -0.01	46.41 3.52 0.00	40.12 2.94 0.00	38.56 2.66 0.00	39.09 2.93 0.00	38.70 2.67 0.00	39.25 2.98 0.00	40.32 3.33 0.00	43.66 3.86 -0.01	51.42 4.46 -1.87	58.03 5.23 -0.01	77.43 6.01 -10.10	66.79 4.96 -12.67	55.29 4.11 -10.12	46.36 3.63 -4.92	40.57 3.23 -2.26
NORTHPORT___IC 23718	39.76 1.82 0.00	37.76 1.87 0.00	37.05 1.70 0.00	37.31 1.81 0.00	37.70 1.97 0.00	42.54 2.26 -0.01	58.38 3.20 -0.01	66.66 4.13 -0.01	54.69 3.58 -0.01	45.68 2.79 0.00	39.53 2.34 0.00	38.03 2.12 0.00	38.52 2.35 0.00	38.16 2.13 0.00	38.78 2.50 0.00	39.84 2.85 0.00	43.10 3.30 -0.01	50.67 3.74 -1.85	57.08 4.28 -0.01	76.01 4.72 -9.98	65.78 4.03 -12.59	54.55 3.45 -10.04	45.86 3.18 -4.87	40.15 2.81 -2.26
NORTH___COUNTRY_ESR 323785	38.13 0.19 0.00	36.15 0.25 0.00	35.71 0.35 0.00	35.85 0.35 0.00	36.09 0.36 0.00	40.76 0.49 0.00	55.88 0.72 0.00	62.84 0.31 0.00	51.57 0.46 0.00	43.28 0.39 0.00	37.48 0.30 0.00	35.98 0.07 0.00	36.17 0.00 0.00	35.93 -0.11 0.00	36.06 -0.22 0.00	36.77 -0.22 0.00	39.51 -0.28 0.00	44.68 -0.41 0.00	51.68 -1.11 0.00	59.11 -2.20 0.00	47.64 -1.52 0.00	39.58 -1.48 0.00	36.41 -1.40 0.00	34.10 -0.98 0.00
NPX_GEN_1385_PROXY 323591	39.53 1.59 0.00	37.40 1.51 0.00	36.88 1.52 0.00	37.06 1.56 0.00	37.55 1.82 0.00	42.26 1.97 -0.01	57.49 2.32 -0.01	65.84 3.31 -0.01	54.08 2.96 -0.01	44.33 2.19 0.75	39.80 1.86 -0.75	37.45 1.54 0.00	37.94 1.77 0.00	37.41 1.37 0.00	38.24 1.96 0.00	39.28 2.29 0.00	42.58 2.78 -0.01	50.22 3.29 -1.85	56.76 3.96 -0.01	75.40 4.11 -9.98	65.48 3.73 -12.59	54.35 3.24 -10.04	45.80 2.87 -5.12	39.84 2.74 -2.02
NPX_GEN_CSC 323557	40.18 2.24 0.00	38.12 2.23 0.00	37.41 2.05 0.00	37.77 2.27 0.00	38.13 2.39 0.00	43.19 2.90 -0.01	59.70 4.52 -0.01	68.28 5.75 -0.01	55.56 4.44 -0.01	45.70 3.56 0.75	40.88 2.94 -0.75	38.49 2.59 0.00	39.06 2.89 0.00	38.63 2.60 0.00	39.14 2.87 0.00	40.17 3.18 0.00	43.70 3.90 -0.01	51.90 4.91 -1.90	58.61 5.81 -0.01	78.26 6.68 -10.26	67.78 5.85 -12.77	56.04 4.76 -10.22	46.94 3.90 -5.23	40.50 3.40 -2.02
NSINS_S___GLNS_FALLS 23858	40.22 2.28 0.00	38.27 2.37 0.00	37.72 2.37 0.00	37.91 2.41 0.00	38.27 2.54 0.00	43.22 2.94 0.00	60.19 5.02 0.00	68.27 5.75 0.00	55.25 4.14 0.00	46.02 3.13 0.00	39.42 2.23 0.00	37.85 1.94 0.00	38.08 1.92 0.00	38.02 1.98 0.00	38.49 2.21 0.00	39.61 2.63 0.00	42.81 3.02 0.00	48.87 3.79 0.00	57.39 4.59 0.00	67.20 5.89 0.00	61.45 4.62 -7.67	49.67 3.74 -4.88	42.16 3.18 -1.17	40.64 2.70 -2.86
NUCOR_STEEL___DRP 24197	38.36 0.42 0.00	36.26 0.36 0.00	35.64 0.28 0.00	35.75 0.25 0.00	35.98 0.25 0.00	40.52 0.24 0.00	55.39 0.22 0.00	62.52 0.00 0.00	51.06 -0.05 0.00	42.94 0.04 0.00	37.26 0.07 0.00	36.01 0.11 0.00	36.31 0.14 0.00	36.18 0.14 0.00	36.35 0.07 0.00	37.02 0.04 0.00	39.79 0.00 0.00	45.04 -0.05 0.00	53.61 0.16 -0.66	62.97 0.18 -1.47	50.09 0.10 -0.83	41.63 0.12 -0.45	38.06 0.11 -0.14	35.57 0.14 -0.35
NUMBER_THREE_WT_PWR 323818	37.75 -0.19 0.00	35.75 -0.14 0.00	35.25 -0.11 0.00	35.71 0.21 0.00	35.91 0.18 0.00	40.68 0.40 0.00	56.00 0.83 0.00	63.40 0.87 0.00	51.47 0.36 0.00	42.98 0.09 0.00	37.04 -0.15 0.00	35.62 -0.29 0.00	35.55 -0.62 0.00	35.46 -0.58 0.00	35.52 -0.76 0.00	36.21 -0.78 0.00	38.83 -0.96 0.00	44.27 -0.81 0.00	52.27 -0.53 0.00	60.89 -0.43 0.00	48.82 -0.54 -0.19	40.61 -0.57 -0.12	37.27 -0.57 -0.03	34.56 -0.60 -0.07
NYISO_LBMP_REFERENCE 24008	37.94 0.00 0.00	35.90 0.00 0.00	35.36 0.00 0.00	35.50 0.00 0.00	35.73 0.00 0.00	40.28 0.00 0.00	55.17 0.00 0.00	62.52 0.00 0.00	51.11 0.00 0.00	42.89 0.00 0.00	37.19 0.00 0.00	35.91 0.00 0.00	36.17 0.00 0.00	36.04 0.00 0.00	36.28 0.00 0.00	36.99 0.00 0.00	39.79 0.00 0.00	45.08 0.00 0.00	52.79 0.00 0.00	61.32 0.00 0.00	49.16 0.00 0.00	41.06 0.00 0.00	37.81 0.00 0.00	35.08 0.00 0.00

NYPA_BRENTWD____GT 24164	40.26 2.31 0.00	38.20 2.30 0.00	37.51 2.16 0.00	37.80 2.31 0.00	38.16 2.43 0.00	43.06 2.78 -0.01	59.43 4.25 -0.01	67.97 5.44 -0.01	55.46 4.34 -0.01	46.45 3.56 0.00	40.12 2.94 0.00	38.53 2.62 0.00	39.06 2.89 0.00	38.63 2.60 0.00	39.22 2.94 0.00	40.28 3.29 0.00	43.70 3.90 -0.01	51.60 4.60 -1.91	58.19 5.39 -0.01	77.84 6.19 -10.34	67.14 5.16 -12.82	55.64 4.31 -10.27	46.64 3.82 -5.02	40.71 3.37 -2.26
NYPA_GOWANUS____GT5 24156	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.84 5.31 -0.01	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	81.24 5.33 -23.12	85.53 6.07 -18.14	82.22 5.02 -28.04	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
NYPA_GOWANUS____GT6 24157	56.55 2.05 -16.56	55.85 2.01 -17.95	45.02 2.01 -7.65	42.30 2.09 -4.70	49.34 2.04 -11.58	55.91 2.29 -13.34	59.20 4.03 -0.01	67.84 5.31 -0.01	61.88 4.29 -6.48	59.12 3.39 -12.84	57.42 3.05 -17.18	57.44 2.98 -18.56	57.45 3.07 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.89 3.40 -19.50	62.54 3.66 -19.09	67.76 4.42 -18.25	81.24 5.33 -23.12	85.53 6.07 -18.14	82.22 5.02 -28.04	61.79 3.74 -17.00	60.28 3.36 -19.11	57.54 2.98 -19.48
NYPA_HARLEM__RVR__GT1 24160	39.46 1.52 0.00	37.37 1.47 0.00	36.98 1.63 0.00	37.13 1.63 0.00	37.27 1.54 0.00	41.96 1.69 0.01	58.41 3.25 0.01	66.95 4.44 0.01	54.78 3.68 0.01	45.80 2.92 0.01	39.86 2.68 0.01	38.52 2.62 0.01	38.90 2.75 0.01	38.66 2.63 0.01	38.96 2.68 0.01	40.01 3.03 0.01	43.04 3.26 0.01	49.04 3.97 0.01	57.43 4.65 0.01	66.52 5.21 0.01	59.58 4.37 -6.04	48.31 3.41 -3.84	41.68 2.95 -0.92	40.04 2.70 -2.25
NYPA_HARLEM__RVR__GT2 24161	39.46 1.52 0.00	37.37 1.47 0.00	36.98 1.63 0.00	37.13 1.63 0.00	37.27 1.54 0.00	41.96 1.69 0.01	58.41 3.25 0.01	66.95 4.44 0.01	54.78 3.68 0.01	45.80 2.92 0.01	39.86 2.68 0.01	38.52 2.62 0.01	38.90 2.75 0.01	38.66 2.63 0.01	38.96 2.68 0.01	40.01 3.03 0.01	43.04 3.26 0.01	49.04 3.97 0.01	57.43 4.65 0.01	66.52 5.21 0.01	59.58 4.37 -6.04	48.31 3.41 -3.84	41.68 2.95 -0.92	40.04 2.70 -2.25
NYPA_KENT____GT 24152	49.33 1.90 -9.50	48.05 1.87 -10.29	41.65 1.91 -4.39	40.15 1.95 -2.70	44.30 1.93 -6.64	50.06 2.13 -7.65	59.03 3.86 0.00	67.61 5.06 -0.03	59.09 4.14 -3.84	53.75 3.26 -7.60	50.33 2.98 -10.17	49.76 2.87 -10.98	49.94 3.00 -10.77	49.85 2.85 -10.96	50.55 2.94 -11.33	52.41 3.33 -12.09	55.68 3.58 -12.31	61.18 4.33 -11.77	101.03 5.18 -43.06	101.01 5.89 -33.81	101.00 4.82 -47.02	56.14 3.70 -11.39	52.44 3.29 -11.35	50.12 2.91 -12.13
NYPA_POUCH1____GT 24155	56.51 2.01 -16.56	55.78 1.94 -17.95	44.99 1.98 -7.65	42.22 2.02 -4.70	49.31 2.00 -11.58	55.83 2.21 -13.34	59.09 3.92 -0.01	67.59 5.06 -0.01	61.68 4.09 -6.48	58.95 3.22 -12.84	57.31 2.94 -17.18	57.30 2.84 -18.56	57.34 2.97 -18.21	57.38 2.81 -18.53	57.87 2.87 -18.72	59.78 3.29 -19.50	62.34 3.46 -19.09	67.53 4.19 -18.25	80.65 5.18 -22.68	85.00 5.89 -17.80	81.65 4.87 -27.62	61.55 3.49 -17.00	60.13 3.21 -19.11	57.37 2.81 -19.48
NYPA_VERNON____GT2 24162	42.15 1.78 -2.43	40.25 1.72 -2.63	38.25 1.77 -1.12	38.03 1.84 -0.69	39.22 1.79 -1.70	44.25 2.01 -1.96	58.87 3.70 0.00	67.40 4.88 0.00	56.30 3.99 -1.20	48.42 3.17 -2.36	43.20 2.86 -3.15	42.08 2.77 -3.40	42.40 2.89 -3.34	42.21 2.78 -3.40	43.05 2.83 -3.94	44.88 3.22 -4.68	48.82 3.50 -5.53	54.57 4.19 -5.29	57.75 4.96 0.01	66.94 5.64 0.01	59.88 4.67 -6.04	50.49 3.65 -5.78	44.58 3.18 -3.59	42.70 2.84 -4.78
NYPA_VERNON____GT3 24163	42.15 1.78 -2.43	40.25 1.72 -2.63	38.25 1.77 -1.12	38.03 1.84 -0.69	39.22 1.79 -1.70	44.25 2.01 -1.96	58.87 3.70 0.00	67.40 4.88 0.00	56.30 3.99 -1.20	48.42 3.17 -2.36	43.20 2.86 -3.15	42.08 2.77 -3.40	42.40 2.89 -3.34	42.21 2.78 -3.40	43.05 2.83 -3.94	44.88 3.22 -4.68	48.82 3.50 -5.53	54.57 4.19 -5.29	57.75 4.96 0.01	66.94 5.64 0.01	59.88 4.67 -6.04	50.49 3.65 -5.78	44.58 3.18 -3.59	42.70 2.84 -4.78
NYPA__ASTORIA_CC1 323568	39.69 1.75 0.00	37.58 1.69 0.00	37.12 1.77 0.00	37.31 1.81 0.00	37.48 1.75 0.00	42.25 1.97 0.00	58.75 3.58 0.00	67.34 4.81 0.00	55.30 3.94 -0.26	46.50 3.13 -0.48	40.65 2.82 -0.64	39.36 2.77 -0.69	39.69 2.86 -0.67	39.46 2.74 -0.68	40.31 2.83 -1.20	42.00 3.18 -1.83	46.00 3.46 -2.75	51.86 4.15 -2.63	57.70 4.91 0.00	66.84 5.52 0.00	59.78 4.57 -6.05	48.52 3.61 -3.85	41.87 3.14 -0.92	40.18 2.84 -2.25
NYPA__ASTORIA_CC2 323569	39.69 1.75 0.00	37.58 1.69 0.00	37.12 1.77 0.00	37.31 1.81 0.00	37.48 1.75 0.00	42.25 1.97 0.00	58.75 3.58 0.00	67.34 4.81 0.00	55.30 3.94 -0.26	46.50 3.13 -0.48	40.65 2.82 -0.64	39.36 2.77 -0.69	39.69 2.86 -0.67	39.46 2.74 -0.68	40.31 2.83 -1.20	42.00 3.18 -1.83	46.00 3.46 -2.75	51.86 4.15 -2.63	57.70 4.91 0.00	66.84 5.52 0.00	59.78 4.57 -6.05	48.52 3.61 -3.85	41.87 3.14 -0.92	40.18 2.84 -2.25
NYPA__HOLTSVILL 23794	40.18 2.24 0.00	38.16 2.26 0.00	37.44 2.09 0.00	37.77 2.27 0.00	38.13 2.39 0.00	43.15 2.86 -0.01	59.59 4.42 -0.01	68.22 5.69 -0.01	55.56 4.44 -0.01	46.45 3.56 0.00	40.12 2.94 0.00	38.53 2.62 0.00	39.09 2.93 0.00	38.63 2.60 0.00	39.18 2.90 0.00	40.20 3.22 0.00	43.70 3.90 -0.01	51.81 4.83 -1.90	58.51 5.70 -0.01	78.07 6.50 -10.25	67.43 5.50 -12.77	55.83 4.56 -10.22	46.65 3.86 -4.98	40.71 3.37 -2.26
NYPA__HELLGATE_GT1 24158	39.46 1.52 0.00	37.37 1.47 0.00	36.98 1.63 0.00	37.13 1.63 0.00	37.27 1.54 0.00	41.96 1.69 0.01	58.41 3.25 0.01	66.95 4.44 0.01	54.78 3.68 0.01	45.80 2.92 0.01	39.86 2.68 0.01	38.52 2.62 0.01	38.90 2.75 0.01	38.66 2.63 0.01	38.96 2.68 0.01	40.01 3.03 0.01	43.04 3.26 0.01	49.04 3.97 0.01	57.43 4.65 0.01	66.52 5.21 0.01	59.58 4.37 -6.04	48.31 3.41 -3.84	41.68 2.95 -0.92	40.04 2.70 -2.25
NYPA__HELLGATE_GT2 24159	39.46 1.52 0.00	37.37 1.47 0.00	36.98 1.63 0.00	37.13 1.63 0.00	37.27 1.54 0.00	41.96 1.69 0.01	58.41 3.25 0.01	66.95 4.44 0.01	54.78 3.68 0.01	45.80 2.92 0.01	39.86 2.68 0.01	38.52 2.62 0.01	38.90 2.75 0.01	38.66 2.63 0.01	38.96 2.68 0.01	40.01 3.03 0.01	43.04 3.26 0.01	49.04 3.97 0.01	57.43 4.65 0.01	66.52 5.21 0.01	59.58 4.37 -6.04	48.31 3.41 -3.84	41.68 2.95 -0.92	40.04 2.70 -2.25
NYS_BARGE__HYD 23848	36.80 -1.14 0.00	34.61 -1.29 0.00	33.80 -1.55 0.00	33.83 -1.67 0.00	34.09 -1.64 0.00	37.90 -2.38 0.00	50.65 -4.52 0.00	55.64 -6.88 0.00	45.69 -5.42 0.00	39.29 -3.60 0.00	34.40 -2.79 0.00	33.57 -2.33 0.00	33.90 -2.24 0.02	34.07 -1.95 0.02	34.04 -2.21 0.02	34.29 -2.70 0.00	36.37 -3.42 0.00	40.53 -4.51 0.05	43.64 -5.12 4.03	47.12 -5.27 8.92	41.85 -4.28 3.03	37.31 -3.53 0.22	34.55 -3.33 -0.07	32.11 -3.12 -0.15

OAK ORCHARD___HYD 24046	37.45 -0.49 0.00	35.18 -0.72 0.00	34.47 -0.88 0.00	34.58 -0.92 0.00	34.84 -0.89 0.00	39.11 -1.17 0.00	52.85 -2.31 0.00	59.08 -3.44 0.00	48.40 -2.71 0.00	41.13 -1.76 0.00	35.88 -1.30 0.00	34.86 -1.04 0.00	35.33 -0.83 0.00	35.39 -0.65 0.00	35.34 -0.94 0.00	35.77 -1.22 0.00	38.16 -1.63 0.00	42.96 -2.12 0.00	49.60 -2.27 0.92	57.12 -2.15 2.04	47.92 -1.77 -0.52	40.07 -1.44 -0.45	36.29 -1.59 -0.07	33.79 -1.44 -0.15
OAKDALE___35_KV_LOAD 356122	38.17 0.23 0.00	36.04 0.14 0.00	35.43 0.07 0.00	35.57 0.07 0.00	35.80 0.07 0.00	40.24 -0.04 0.00	55.17 0.00 0.00	62.21 -0.31 0.00	50.70 -0.41 0.00	42.68 -0.21 0.00	37.04 -0.15 0.00	35.84 -0.07 0.00	35.98 -0.18 0.00	35.89 -0.14 0.00	36.17 -0.11 0.00	36.88 -0.11 0.00	39.63 -0.16 0.00	44.72 -0.36 0.00	51.58 -0.21 1.01	58.89 -0.18 2.24	50.59 -0.25 -1.68	42.05 -0.21 -1.20	37.82 -0.23 -0.24	35.37 -0.28 -0.57
OCC_CHEM___DRP 24175	36.35 -1.59 0.00	33.67 -2.23 0.00	33.02 -2.33 0.00	33.08 -2.41 0.00	33.34 -2.39 0.00	36.98 -3.30 0.00	49.60 -5.57 0.00	54.46 -8.07 0.00	44.57 -6.54 0.00	38.73 -4.16 0.00	34.03 -3.16 0.00	33.18 -2.73 0.00	33.58 -2.57 0.02	33.68 -2.34 0.02	33.61 -2.65 0.02	34.10 -2.89 0.00	35.93 -3.86 0.00	39.95 -5.09 0.04	43.04 -5.86 3.90	46.37 -6.32 8.63	41.49 -4.87 2.80	36.84 -4.06 0.16	34.17 -3.71 -0.07	31.83 -3.40 -0.15
OH_GEN_PROXY 24063	36.46 -1.48 0.00	34.10 -1.79 0.00	33.34 -2.01 0.00	33.40 -2.09 0.00	33.66 -2.07 0.00	37.50 -2.78 0.00	50.20 -4.97 0.00	55.21 -7.31 0.00	45.39 -5.72 0.00	38.28 -3.86 0.75	35.00 -2.94 -0.75	33.46 -2.44 0.00	33.80 -2.35 0.02	33.93 -2.09 0.02	33.90 -2.36 0.02	34.17 -2.81 0.00	36.25 -3.54 0.00	40.40 -4.64 0.04	43.90 -5.23 3.67	47.80 -5.40 8.12	42.30 -4.33 2.53	37.30 -3.65 0.11	34.72 -3.40 -0.32	31.80 -3.19 0.09
OLIN_CORP_DRP 24177	36.31 -1.63 0.00	33.99 -1.90 0.00	33.34 -2.02 0.00	33.40 -2.09 0.00	33.66 -2.07 0.00	37.26 -3.02 0.00	49.87 -5.30 0.00	54.77 -7.75 0.00	44.82 -6.29 0.00	38.90 -3.99 0.00	34.17 -3.01 0.00	33.32 -2.59 0.00	33.65 -2.50 0.02	33.78 -2.23 0.02	33.72 -2.54 0.02	34.18 -2.81 0.00	36.05 -3.74 0.00	40.04 -5.00 0.04	43.23 -5.70 3.86	46.63 -6.13 8.55	41.67 -4.77 2.72	36.94 -3.98 0.14	34.25 -3.63 -0.07	31.87 -3.37 -0.15
OLIN_CORP_DSASP 323712	36.42 -1.52 0.00	33.89 -2.01 0.00	33.09 -2.26 0.00	33.15 -2.34 0.00	33.41 -2.32 0.00	37.18 -3.10 0.00	49.65 -5.52 0.00	54.46 -8.06 0.00	44.82 -6.29 0.00	38.65 -4.25 0.00	33.91 -3.27 0.00	33.18 -2.73 0.00	33.54 -2.60 0.02	33.68 -2.34 0.02	33.65 -2.61 0.02	33.84 -3.14 0.00	35.85 -3.94 0.00	39.94 -5.09 0.04	43.09 -5.81 3.90	46.62 -6.07 8.63	41.49 -4.87 2.80	36.84 -4.07 0.16	34.10 -3.78 -0.07	31.76 -3.47 -0.15
ONEIDA_HERK_LFGE 323681	38.43 0.49 0.00	36.36 0.47 0.00	35.81 0.46 0.00	36.10 0.60 0.00	36.34 0.61 0.00	41.08 0.81 0.00	56.49 1.32 0.00	64.02 1.50 0.00	52.08 0.97 0.00	43.54 0.64 0.00	37.60 0.41 0.00	36.23 0.32 0.00	36.35 0.18 0.00	36.29 0.25 0.00	36.46 0.18 0.00	37.17 0.19 0.00	39.95 0.16 0.00	45.44 0.36 0.00	53.53 0.74 0.00	62.29 0.98 0.00	49.92 0.59 -0.17	41.62 0.45 -0.11	38.17 0.34 -0.03	35.39 0.25 -0.06
ONEIDA___115KV_TB4 55905	38.97 1.02 0.00	36.83 0.93 0.00	36.28 0.92 0.00	36.42 0.92 0.00	36.66 0.93 0.00	41.41 1.13 0.00	56.93 1.77 0.00	64.40 1.88 0.00	52.39 1.28 0.00	43.88 0.99 0.00	37.93 0.74 0.00	36.59 0.68 0.00	36.82 0.65 0.00	36.79 0.76 0.00	36.97 0.69 0.00	37.69 0.70 0.00	40.55 0.76 0.00	46.03 0.95 0.00	54.27 1.48 0.00	63.09 1.78 0.00	50.72 1.23 -0.33	42.29 1.03 -0.21	38.76 0.91 -0.05	35.98 0.77 -0.12
ONONDAGA_REF_OCCRA 23987	38.02 0.08 0.00	35.93 0.04 0.00	35.32 -0.04 0.00	35.46 -0.04 0.00	35.73 0.00 0.00	40.24 -0.04 0.00	55.00 -0.17 0.00	62.15 -0.38 0.00	50.80 -0.31 0.00	42.68 -0.21 0.00	37.07 -0.11 0.00	35.84 -0.07 0.00	36.13 -0.04 0.00	36.00 -0.04 0.00	36.21 -0.07 0.00	36.84 -0.15 0.00	39.59 -0.20 0.00	44.82 -0.27 0.00	53.16 -0.11 -0.47	62.24 -0.12 -1.04	49.74 -0.15 -0.72	41.34 -0.12 -0.40	37.85 -0.08 -0.12	35.31 -0.07 -0.29
ONONDAGA___COGEN 23986	38.13 0.19 0.00	36.04 0.14 0.00	35.43 0.07 0.00	35.57 0.07 0.00	35.80 0.07 0.00	40.32 0.04 0.00	55.06 -0.11 0.00	62.21 -0.31 0.00	50.90 -0.20 0.00	42.76 -0.13 0.00	37.15 -0.04 0.00	35.91 0.00 0.00	36.20 0.04 0.00	36.07 0.04 0.00	36.24 -0.04 0.00	36.91 -0.07 0.00	39.67 -0.12 0.00	44.86 -0.23 0.00	52.74 -0.05 0.00	61.19 -0.12 0.00	49.59 -0.15 -0.58	41.35 -0.08 -0.37	37.90 0.00 -0.09	35.30 0.00 -0.22
ONTARIO___LFGE 23819	38.40 0.46 0.00	36.26 0.36 0.00	35.53 0.18 0.00	35.64 0.14 0.00	35.91 0.18 0.00	40.40 0.12 0.00	55.28 0.11 0.00	61.77 -0.75 0.00	50.60 -0.51 0.00	42.51 -0.39 0.00	36.85 -0.34 0.00	35.62 -0.29 0.00	35.85 -0.33 -0.01	35.76 -0.29 -0.01	35.93 -0.36 -0.01	36.51 -0.48 0.00	39.23 -0.56 0.00	44.38 -0.72 -0.02	51.96 -0.53 0.30	59.89 -0.73 0.69	51.19 -0.64 -2.67	41.57 -0.49 -1.00	37.28 -0.57 -0.04	34.55 -0.60 -0.06
ORANGEVILLE_WT_PWR 323706	37.37 -0.57 0.00	35.07 -0.82 0.00	34.26 -1.10 0.00	34.22 -1.28 0.00	34.41 -1.32 0.00	38.39 -1.89 0.00	51.86 -3.31 0.00	57.21 -5.31 0.00	46.61 -4.50 0.00	39.29 -3.60 0.00	33.95 -3.24 0.00	32.85 -3.05 0.00	32.78 -3.25 0.13	32.73 -3.17 0.13	32.88 -3.27 0.13	33.47 -3.51 0.00	35.81 -3.98 0.00	40.03 -4.78 0.28	27.21 -5.33 20.25	10.40 -6.13 44.79	20.67 -5.01 23.48	32.49 -4.19 4.39	34.01 -3.86 -0.06	31.55 -3.65 -0.11
ORANGEVILLE___ESR 323794	37.37 -0.57 0.00	35.07 -0.82 0.00	34.26 -1.10 0.00	34.22 -1.28 0.00	34.41 -1.32 0.00	38.39 -1.89 0.00	51.86 -3.31 0.00	57.21 -5.31 0.00	46.61 -4.50 0.00	39.29 -3.60 0.00	33.95 -3.24 0.00	32.85 -3.05 0.00	32.78 -3.25 0.13	32.73 -3.17 0.13	32.88 -3.27 0.13	33.47 -3.51 0.00	35.81 -3.98 0.00	40.03 -4.78 0.28	27.21 -5.33 20.25	10.40 -6.13 44.79	20.67 -5.01 23.48	32.49 -4.19 4.39	34.01 -3.86 -0.06	31.55 -3.65 -0.11
OSWEGATCHIE___HYD 24044	37.14 -0.80 0.00	35.14 -0.76 0.00	34.68 -0.67 0.00	34.93 -0.57 0.00	35.16 -0.57 0.00	39.80 -0.48 0.00	54.78 -0.38 0.00	61.96 -0.56 0.00	50.34 -0.77 0.00	42.12 -0.77 0.00	36.37 -0.82 0.00	34.94 -0.97 0.00	35.04 -1.12 0.00	34.96 -1.08 0.00	35.08 -1.20 0.00	35.73 -1.26 0.00	38.40 -1.39 0.00	43.64 -1.44 0.00	51.21 -1.58 0.00	59.54 -1.78 0.00	47.78 -1.52 -0.14	39.76 -1.40 -0.09	36.51 -1.32 -0.02	33.94 -1.19 -0.05
OSWEGO___5 23606	37.41 -0.53 0.00	35.39 -0.50 0.00	34.83 -0.53 0.00	34.93 -0.57 0.00	35.16 -0.57 0.00	39.59 -0.68 0.00	54.07 -1.10 0.00	61.02 -1.50 0.00	49.98 -1.12 0.00	41.99 -0.90 0.00	36.44 -0.74 0.00	35.26 -0.65 0.00	35.52 -0.65 0.00	35.42 -0.61 0.00	35.63 -0.65 0.00	36.21 -0.78 0.00	38.91 -0.88 0.00	44.00 -1.08 0.00	51.63 -1.16 0.00	60.02 -1.29 0.00	48.48 -1.08 -0.40	40.45 -0.86 -0.26	37.15 -0.72 -0.06	34.60 -0.63 -0.15

OSWEGO___6 23613	37.41 -0.53 0.00	35.39 -0.50 0.00	34.83 -0.53 0.00	34.93 -0.57 0.00	35.16 -0.57 0.00	39.59 -0.68 0.00	54.07 -1.10 0.00	61.02 -1.50 0.00	49.98 -1.12 0.00	41.99 -0.90 0.00	36.44 -0.74 0.00	35.26 -0.65 0.00	35.52 -0.65 0.00	35.42 -0.61 0.00	35.63 -0.65 0.00	36.21 -0.78 0.00	38.91 -0.88 0.00	44.00 -1.08 0.00	51.63 -1.16 0.00	60.02 -1.29 0.00	48.48 -1.08 -0.40	40.45 -0.86 -0.26	37.15 -0.72 -0.06	34.60 -0.63 -0.15
OUTOKUMPU-AB___DRP 24206	37.11 -0.83 0.00	34.57 -1.33 0.00	33.87 -1.48 0.00	33.90 -1.60 0.00	34.16 -1.57 0.00	37.90 -2.38 0.00	50.92 -4.25 0.00	55.96 -6.56 0.00	45.69 -5.42 0.00	39.68 -3.22 0.00	34.81 -2.38 0.00	33.90 -2.01 0.00	34.19 -1.95 0.02	34.40 -1.62 0.02	34.30 -1.96 0.02	34.81 -2.18 0.00	36.69 -3.10 0.00	40.76 -4.28 0.04	44.08 -4.91 3.81	47.67 -5.21 8.43	42.45 -4.08 2.63	37.54 -3.41 0.11	34.78 -3.10 -0.07	32.33 -2.91 -0.16
OXBOW___BTM 323836	36.76 -1.18 0.00	34.28 -1.61 0.00	33.48 -1.87 0.00	33.51 -1.99 0.00	33.77 -1.97 0.00	37.58 -2.70 0.00	50.26 -4.91 0.00	55.14 -7.38 0.00	45.33 -5.78 0.00	39.08 -3.82 0.00	34.29 -2.90 0.00	33.50 -2.41 0.00	33.83 -2.32 0.02	34.00 -2.02 0.02	33.98 -2.28 0.02	34.17 -2.81 0.00	36.21 -3.58 0.00	40.31 -4.73 0.04	43.56 -5.39 3.85	47.21 -5.58 8.53	41.92 -4.52 2.71	37.15 -3.78 0.14	34.40 -3.48 -0.07	31.98 -3.26 -0.16
OXBOW___ 24026	36.69 -1.25 0.00	34.07 -1.83 0.00	33.41 -1.94 0.00	33.44 -2.06 0.00	33.70 -2.04 0.00	37.38 -2.90 0.00	50.20 -4.97 0.00	55.14 -7.38 0.00	45.08 -6.03 0.00	39.16 -3.73 0.00	34.40 -2.79 0.00	33.50 -2.41 0.00	33.87 -2.28 0.02	34.00 -2.02 0.02	33.94 -2.32 0.02	34.40 -2.59 0.00	36.29 -3.50 0.00	40.31 -4.73 0.04	43.56 -5.38 3.85	46.96 -5.82 8.53	41.92 -4.52 2.71	37.15 -3.78 0.14	34.44 -3.44 -0.07	32.04 -3.19 -0.16
OXY_CHEM_DSASP 323612	36.35 -1.59 0.00	33.67 -2.23 0.00	33.02 -2.33 0.00	33.08 -2.41 0.00	33.34 -2.39 0.00	36.98 -3.30 0.00	49.60 -5.57 0.00	54.46 -8.07 0.00	44.57 -6.54 0.00	38.73 -4.16 0.00	34.03 -3.16 0.00	33.18 -2.73 0.00	33.58 -2.57 0.02	33.68 -2.34 0.02	33.61 -2.65 0.02	34.10 -2.89 0.00	35.93 -3.86 0.00	39.95 -5.09 0.04	43.04 -5.86 3.90	46.37 -6.32 8.63	41.49 -4.87 2.80	36.84 -4.06 0.16	34.17 -3.71 -0.07	31.83 -3.40 -0.15
OZONE_PARK_ESR 323760	39.80 1.86 0.00	37.76 1.87 0.00	37.19 1.84 0.00	37.38 1.88 0.00	37.59 1.86 0.00	42.45 2.18 0.00	59.09 3.92 0.00	67.65 5.13 0.00	55.30 4.19 0.00	46.11 3.22 0.00	40.01 2.83 0.00	38.71 2.80 0.00	39.02 2.86 0.00	38.85 2.81 0.00	39.18 2.90 0.00	40.13 3.14 0.00	43.37 3.58 0.00	49.41 4.33 0.00	57.97 5.17 0.00	67.20 5.89 0.00	60.08 4.87 -6.05	48.85 3.94 -3.85	42.06 3.33 -0.92	40.18 2.84 -2.25
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	36.35 -1.59 0.00	33.67 -2.23 0.00	33.02 -2.33 0.00	33.08 -2.41 0.00	33.34 -2.39 0.00	36.98 -3.30 0.00	49.60 -5.57 0.00	54.46 -8.07 0.00	44.57 -6.54 0.00	38.73 -4.16 0.00	34.03 -3.16 0.00	33.18 -2.73 0.00	33.58 -2.57 0.02	33.68 -2.34 0.02	33.61 -2.65 0.02	34.10 -2.89 0.00	35.93 -3.86 0.00	39.95 -5.09 0.04	43.04 -5.86 3.90	46.37 -6.32 8.63	41.49 -4.87 2.80	36.84 -4.06 0.16	34.17 -3.71 -0.07	31.83 -3.40 -0.15
PACKARD___115KV_DUPONT_184 80571	36.35 -1.59 0.00	33.67 -2.23 0.00	33.02 -2.33 0.00	33.08 -2.41 0.00	33.34 -2.39 0.00	36.98 -3.30 0.00	49.60 -5.57 0.00	54.46 -8.07 0.00	44.57 -6.54 0.00	38.73 -4.16 0.00	34.03 -3.16 0.00	33.18 -2.73 0.00	33.58 -2.57 0.02	33.68 -2.34 0.02	33.61 -2.65 0.02	34.10 -2.89 0.00	35.93 -3.86 0.00	39.95 -5.09 0.04	43.04 -5.86 3.90	46.37 -6.32 8.63	41.49 -4.87 2.80	36.84 -4.06 0.16	34.17 -3.71 -0.07	31.83 -3.40 -0.15
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	39.57 1.63 0.00	37.51 1.62 0.00	37.09 1.73 0.00	37.20 1.70 0.00	37.41 1.68 0.00	42.13 1.85 0.00	58.53 3.37 0.00	67.02 4.50 0.00	54.88 3.78 0.01	45.76 2.87 0.01	39.74 2.57 0.01	38.45 2.55 0.01	38.80 2.64 0.01	38.59 2.56 0.01	38.92 2.65 0.01	39.86 2.89 0.01	43.08 3.30 0.01	49.04 3.97 0.01	57.49 4.70 0.00	66.53 5.21 0.00	59.59 4.38 -6.05	48.48 3.57 -3.85	41.79 3.06 -0.92	40.04 2.70 -2.25
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	39.80 1.86 0.00	37.73 1.83 0.00	37.30 1.94 0.00	37.45 1.95 0.00	37.66 1.93 0.00	42.41 2.13 0.00	58.92 3.75 0.00	67.40 4.88 0.00	55.24 4.14 0.01	46.02 3.13 0.01	39.89 2.71 0.01	38.59 2.69 0.01	38.91 2.75 0.01	38.73 2.70 0.01	39.06 2.79 0.01	39.98 3.00 0.01	43.24 3.46 0.01	49.22 4.15 0.01	57.76 4.96 0.00	66.83 5.52 0.00	59.83 4.62 -6.05	48.64 3.74 -3.85	41.98 3.25 -0.92	40.21 2.88 -2.25
PATROON___115KV_TB1 80586	38.51 0.57 0.00	36.58 0.68 0.00	36.06 0.71 0.00	36.21 0.71 0.00	36.45 0.71 0.00	41.08 0.81 0.00	56.49 1.32 0.00	64.40 1.88 0.00	52.54 1.43 0.00	43.92 1.03 0.00	38.00 0.82 0.00	36.70 0.79 0.00	36.96 0.80 0.00	36.83 0.79 0.00	37.26 0.98 0.00	38.13 1.15 0.00	41.10 1.31 0.00	46.71 1.62 0.00	54.90 2.11 0.00	63.83 2.51 0.00	58.68 2.02 -7.50	47.52 1.68 -4.77	40.35 1.40 -1.15	39.11 1.23 -2.80
PATTRSNVILLE___SOLAR 323815	39.23 1.29 0.00	37.19 1.29 0.00	36.67 1.31 0.00	36.85 1.35 0.00	37.12 1.39 0.00	41.89 1.61 0.00	57.82 2.65 0.00	65.52 3.00 0.00	53.20 2.10 0.00	44.31 1.41 0.00	38.23 1.04 0.00	36.84 0.93 0.00	37.14 0.98 0.00	37.04 1.01 0.00	37.40 1.13 0.00	38.36 1.37 0.00	41.46 1.67 0.00	47.29 2.21 0.00	55.64 2.85 0.00	64.87 3.55 0.00	59.95 2.80 -7.99	48.44 2.30 -5.08	40.96 1.93 -1.22	39.71 1.65 -2.98
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	37.14 -0.80 0.00	34.75 -1.15 0.00	34.05 -1.31 0.00	34.08 -1.42 0.00	34.34 -1.39 0.00	38.14 -2.13 0.00	51.69 -3.48 0.00	56.96 -5.56 0.00	46.30 -4.80 0.00	39.85 -3.05 0.00	34.88 -2.31 0.00	33.86 -2.05 0.00	33.51 -2.64 0.01	33.75 -2.27 0.01	34.20 -2.07 0.01	34.84 -2.15 0.00	36.84 -2.94 0.00	40.68 -4.37 0.03	44.36 -5.07 3.37	48.27 -5.58 7.47	42.68 -4.82 1.66	37.13 -4.06 -0.14	34.52 -3.36 -0.07	31.80 -3.44 -0.16
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	39.50 1.56 0.00	37.55 1.65 0.00	36.98 1.63 0.00	37.20 1.70 0.00	37.38 1.64 0.00	42.25 1.97 0.00	58.70 3.53 0.00	67.21 4.69 0.00	54.79 3.68 0.00	45.55 2.66 0.00	39.38 2.19 0.00	38.10 2.19 0.00	38.55 2.39 0.00	38.34 2.31 0.00	38.71 2.43 0.00	39.61 2.63 0.00	42.89 3.10 0.00	48.74 3.65 0.00	57.28 4.49 0.00	66.71 5.40 0.00	59.61 4.38 -6.08	48.42 3.49 -3.87	41.65 2.91 -0.93	39.80 2.46 -2.26
PEEKSKILL___ 23653	39.15 1.21 0.00	37.12 1.22 0.00	36.59 1.24 0.00	36.81 1.31 0.00	37.02 1.28 0.00	41.73 1.45 0.00	57.98 2.81 0.00	66.34 3.81 0.00	54.02 2.91 0.00	45.16 2.27 0.00	39.19 2.01 0.00	37.84 1.94 0.00	38.23 2.06 0.00	37.98 1.94 0.00	38.35 2.07 0.00	39.36 2.37 0.00	42.46 2.67 0.00	48.29 3.20 0.00	56.64 3.85 0.00	65.92 4.60 0.00	58.80 3.73 -5.91	47.81 3.00 -3.76	41.24 2.53 -0.90	39.46 2.18 -2.20

PGE MADISON___WINDPWR 24146	41.13 3.19 0.00	38.95 3.05 0.00	38.29 2.93 0.00	38.48 2.98 0.00	38.66 2.93 0.00	43.74 3.46 0.00	60.47 5.30 0.00	68.08 5.56 0.00	54.99 3.88 0.00	45.64 2.75 0.00	39.04 1.86 0.00	37.52 1.62 0.00	37.69 1.52 0.00	37.66 1.62 0.00	37.77 1.49 0.00	38.43 1.44 0.00	41.38 1.59 0.00	47.09 1.98 -0.02	58.84 3.01 -3.04	71.67 3.62 -6.74	54.55 2.26 -3.13	44.15 1.76 -1.33	39.75 1.55 -0.39	37.40 1.33 -0.98
PIERCEFIELD___HYD 23852	37.33 -0.61 0.00	35.36 -0.54 0.00	34.86 -0.49 0.00	35.04 -0.46 0.00	35.27 -0.46 0.00	39.88 -0.40 0.00	54.78 -0.39 0.00	61.96 -0.56 0.00	50.49 -0.61 0.00	42.34 -0.56 0.00	36.67 -0.52 0.00	35.15 -0.75 0.00	35.37 -0.80 0.00	35.24 -0.79 0.00	35.41 -0.87 0.00	36.06 -0.92 0.00	38.75 -1.03 0.00	43.96 -1.13 0.00	51.21 -1.58 0.00	59.48 -1.84 0.00	47.64 -1.52 0.00	39.58 -1.48 0.00	36.48 -1.32 0.00	33.99 -1.09 0.00
PINELAWN_CC_1 323563	40.10 2.16 0.00	38.05 2.15 0.00	37.41 2.05 0.00	37.66 2.17 0.00	38.02 2.29 0.00	42.91 2.62 -0.01	59.32 4.14 -0.01	67.84 5.31 -0.01	55.36 4.24 -0.01	46.28 3.39 0.00	40.01 2.82 0.00	38.42 2.51 0.00	38.95 2.78 0.00	38.52 2.48 0.00	39.11 2.83 0.00	40.17 3.18 0.00	43.58 3.78 -0.01	51.53 4.37 -2.07	58.03 5.23 -0.01	78.53 6.01 -11.20	67.51 4.96 -13.39	55.97 4.11 -10.80	46.80 3.63 -5.36	40.57 3.23 -2.26
PJM_GEN_HTP_PROXY 323702	39.50 1.56 0.00	37.44 1.54 0.00	36.91 1.55 0.00	37.10 1.60 0.00	37.34 1.61 0.00	42.09 1.81 0.00	58.59 3.42 0.00	67.15 4.63 0.00	54.79 3.68 0.00	45.01 2.87 0.75	40.58 2.64 -0.75	38.46 2.55 0.00	38.84 2.68 0.00	38.56 2.52 0.00	38.89 2.61 0.00	39.95 2.96 0.00	43.09 3.30 0.00	49.00 3.92 0.00	57.44 4.65 0.00	66.71 5.40 0.00	59.59 4.37 -6.05	48.48 3.57 -3.85	42.04 3.06 -1.17	39.76 2.66 -2.01
PJM_GEN_KEystone 24065	37.94 0.00 0.00	35.82 -0.07 0.00	35.22 -0.14 0.00	35.36 -0.14 0.00	35.59 -0.14 0.00	39.92 -0.36 0.00	54.89 -0.27 0.00	61.96 -0.56 0.00	50.44 -0.67 0.00	41.80 -0.34 0.75	37.79 -0.15 -0.75	35.87 -0.04 0.00	36.09 -0.07 0.00	36.00 -0.04 0.00	36.28 0.00 0.00	37.02 0.04 0.00	39.75 -0.04 0.00	44.86 -0.22 0.88	51.75 -0.16 1.97	59.41 0.06 -3.49	52.65 0.00 -2.33	43.35 -0.04 -0.77	38.46 -0.11 -0.77	35.85 -0.24 -1.01
PJM_GEN_NEPTUNE_PROXY 323594	39.72 1.78 0.00	37.69 1.79 0.00	37.05 1.70 0.00	37.31 1.81 0.00	37.62 1.89 0.00	42.38 2.09 -0.01	58.71 3.53 -0.01	67.22 4.69 -0.01	54.85 3.73 -0.01	45.19 3.05 0.75	40.47 2.53 -0.75	38.21 2.30 0.00	38.70 2.53 0.00	38.31 2.27 0.00	38.85 2.58 0.00	39.91 2.92 0.00	43.18 3.38 -0.01	50.71 3.88 -1.75	57.34 4.54 -0.01	75.91 5.15 -9.44	65.72 4.33 -12.23	54.34 3.57 -9.71	45.85 3.14 -4.91	39.91 2.81 -2.02
PJM_GEN_VFT_PROXY 323633	39.30 1.36 0.00	37.29 1.40 0.00	36.77 1.42 0.00	36.95 1.46 0.00	37.16 1.43 0.00	41.89 1.61 0.00	58.31 3.14 0.00	66.83 4.31 0.00	54.59 3.48 0.00	44.84 2.70 0.75	40.47 2.53 -0.75	38.35 2.44 0.00	38.73 2.57 0.00	38.45 2.41 0.00	38.78 2.50 0.00	39.84 2.85 0.00	43.01 3.22 0.00	48.82 3.74 0.00	57.28 4.48 0.00	66.40 5.09 0.00	59.44 4.23 -6.05	48.40 3.49 -3.85	41.93 2.95 -1.17	39.69 2.60 -2.01
PLATSBURG_115KV_PMLD1 355749	38.40 0.46 0.00	36.43 0.54 0.00	35.96 0.60 0.00	36.10 0.60 0.00	36.34 0.61 0.00	41.04 0.77 0.00	56.38 1.21 0.00	63.08 0.56 0.00	51.93 0.82 0.00	43.58 0.69 0.00	37.78 0.59 0.00	36.23 0.32 0.00	36.42 0.25 0.00	36.22 0.18 0.00	36.35 0.07 0.00	37.02 0.04 0.00	39.79 0.00 0.00	44.99 -0.09 0.00	52.11 -0.69 0.00	60.15 -1.16 0.00	48.08 -1.08 0.00	39.87 -1.19 0.00	36.67 -1.13 0.00	34.42 -0.67 0.00
PLEASANTVLY___LBMP 24000	39.12 1.18 0.00	37.12 1.22 0.00	36.59 1.24 0.00	36.78 1.28 0.00	36.98 1.25 0.00	41.77 1.49 0.00	57.82 2.65 0.00	66.15 3.63 0.00	53.97 2.86 0.00	44.99 2.10 0.00	39.01 1.82 0.00	37.70 1.80 0.00	38.05 1.88 0.00	37.84 1.80 0.00	38.20 1.92 0.00	39.13 2.15 0.00	42.30 2.51 0.00	48.10 3.02 0.00	56.49 3.70 0.00	65.67 4.35 0.00	59.03 3.59 -6.28	47.97 2.92 -3.99	41.19 2.42 -0.96	39.45 2.03 -2.34
PLSNTVLE_13_KV_13.8KVDIST 80602	39.38 1.44 0.00	37.37 1.47 0.00	36.84 1.48 0.00	37.02 1.53 0.00	37.23 1.50 0.00	42.05 1.77 0.00	58.37 3.20 0.00	66.77 4.25 0.00	54.53 3.42 0.00	45.47 2.57 0.00	39.42 2.23 0.00	38.10 2.19 0.00	38.44 2.28 0.00	38.27 2.23 0.00	38.60 2.32 0.00	39.50 2.52 0.00	42.73 2.94 0.00	48.65 3.56 0.00	57.07 4.28 0.00	66.28 4.97 0.00	59.33 4.08 -6.08	48.26 3.33 -3.87	41.54 2.80 -0.93	39.70 2.35 -2.27
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	39.38 1.44 0.00	37.37 1.47 0.00	36.84 1.48 0.00	37.02 1.53 0.00	37.23 1.50 0.00	42.05 1.77 0.00	58.37 3.20 0.00	66.77 4.25 0.00	54.53 3.42 0.00	45.47 2.57 0.00	39.42 2.23 0.00	38.10 2.19 0.00	38.44 2.28 0.00	38.27 2.23 0.00	38.60 2.32 0.00	39.50 2.52 0.00	42.73 2.94 0.00	48.65 3.56 0.00	57.07 4.28 0.00	66.28 4.97 0.00	59.33 4.08 -6.08	48.26 3.33 -3.87	41.54 2.80 -0.93	39.70 2.35 -2.27
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	39.23 1.29 0.00	37.26 1.36 0.00	36.73 1.38 0.00	36.92 1.42 0.00	37.13 1.39 0.00	41.93 1.65 0.00	58.09 2.92 0.00	66.40 3.88 0.00	54.12 3.02 0.00	45.08 2.19 0.00	39.01 1.82 0.00	37.74 1.83 0.00	38.05 1.88 0.00	37.87 1.84 0.00	38.27 2.00 0.00	39.17 2.18 0.00	42.38 2.59 0.00	48.24 3.16 0.00	56.70 3.91 0.00	65.91 4.60 0.00	59.11 3.79 -6.16	48.02 3.04 -3.92	41.28 2.53 -0.94	39.52 2.14 -2.29
POLETTI___ 23519	39.50 1.56 0.00	37.51 1.62 0.00	36.95 1.59 0.00	37.13 1.63 0.00	37.34 1.61 0.00	42.17 1.89 0.00	58.59 3.42 0.00	67.08 4.56 0.00	54.84 3.73 0.00	45.72 2.83 0.00	39.71 2.53 0.00	38.42 2.51 0.00	38.77 2.60 0.00	38.60 2.56 0.00	38.93 2.65 0.00	39.84 2.85 0.00	43.05 3.26 0.00	49.01 3.92 0.00	57.44 4.65 0.00	66.65 5.33 0.00	59.59 4.38 -6.05	48.48 3.57 -3.85	41.72 2.99 -0.92	39.93 2.60 -2.25
POMONA___ESR 323819	39.15 1.21 0.00	37.12 1.22 0.00	36.59 1.24 0.00	36.81 1.31 0.00	37.02 1.28 0.00	41.77 1.49 0.00	57.98 2.81 0.00	66.34 3.81 0.00	54.02 2.91 0.00	45.16 2.27 0.00	39.19 2.01 0.00	37.88 1.97 0.00	38.23 2.06 0.00	37.98 1.94 0.00	38.35 2.07 0.00	39.36 2.37 0.00	42.46 2.67 0.00	48.24 3.15 0.00	56.64 3.85 0.00	65.85 4.54 0.00	58.64 3.69 -5.79	47.74 3.00 -3.68	41.19 2.49 -0.89	39.42 2.18 -2.16
PORT_JEFF_3 23555	40.33 2.39 0.00	38.26 2.37 0.00	37.55 2.19 0.00	37.88 2.38 0.00	38.27 2.54 0.00	43.27 2.98 -0.01	59.81 4.63 -0.01	68.47 5.94 -0.01	55.72 4.60 -0.01	46.62 3.73 0.00	40.24 3.05 0.00	38.63 2.73 0.00	39.20 3.04 0.00	38.74 2.70 0.00	39.33 3.05 0.00	40.35 3.37 0.00	43.86 4.06 -0.01	51.99 5.00 -1.90	58.71 5.91 -0.01	78.26 6.68 -10.26	67.59 5.65 -12.77	56.00 4.72 -10.22	46.80 4.01 -4.99	40.85 3.51 -2.26

PORT_JEFF_4 23616	40.33 2.39 0.00	38.26 2.37 0.00	37.55 2.19 0.00	37.88 2.38 0.00	38.27 2.54 0.00	43.27 2.98 -0.01	59.81 4.63 -0.01	68.47 5.94 -0.01	55.72 4.60 -0.01	46.62 3.73 0.00	40.24 3.05 0.00	38.63 2.73 0.00	39.20 3.04 0.00	38.74 2.70 0.00	39.33 3.05 0.00	40.35 3.37 0.00	43.86 4.06 -0.01	51.99 5.00 -1.90	58.71 5.91 -0.01	78.26 6.68 -10.26	67.59 5.65 -12.77	56.00 4.72 -10.22	46.80 4.01 -4.99	40.85 3.51 -2.26
PORT_JEFF_IC 23713	40.37 2.43 0.00	38.37 2.48 0.00	37.62 2.26 0.00	37.95 2.45 0.00	38.31 2.57 0.00	43.39 3.10 -0.01	59.98 4.80 -0.01	68.53 6.00 -0.01	55.87 4.75 -0.01	46.54 3.65 0.00	40.20 3.01 0.00	38.60 2.69 0.00	39.17 3.00 0.00	38.78 2.74 0.00	39.36 3.08 0.00	40.50 3.51 0.00	43.86 4.06 -0.01	52.04 5.05 -1.90	58.82 6.02 -0.01	78.22 6.62 -10.28	67.60 5.65 -12.79	56.10 4.80 -10.24	46.81 4.01 -5.00	40.89 3.54 -2.26
PPL_PILGRIM_ST_GT1 24216	40.26 2.31 0.00	38.20 2.30 0.00	37.51 2.16 0.00	37.80 2.31 0.00	38.16 2.43 0.00	43.06 2.78 -0.01	59.43 4.25 -0.01	67.97 5.44 -0.01	55.46 4.34 -0.01	46.45 3.56 0.00	40.12 2.94 0.00	38.53 2.62 0.00	39.06 2.89 0.00	38.63 2.60 0.00	39.22 2.94 0.00	40.28 3.29 0.00	43.70 3.90 -0.01	51.60 4.60 -1.91	58.19 5.39 -0.01	77.84 6.19 -10.34	67.14 5.16 -12.82	55.64 4.31 -10.27	46.64 3.82 -5.02	40.71 3.37 -2.26
PPL_PILGRIM_ST_GT2 24217	40.26 2.31 0.00	38.20 2.30 0.00	37.51 2.16 0.00	37.80 2.31 0.00	38.16 2.43 0.00	43.06 2.78 -0.01	59.43 4.25 -0.01	67.97 5.44 -0.01	55.46 4.34 -0.01	46.45 3.56 0.00	40.12 2.94 0.00	38.53 2.62 0.00	39.06 2.89 0.00	38.63 2.60 0.00	39.22 2.94 0.00	40.28 3.29 0.00	43.70 3.90 -0.01	51.60 4.60 -1.91	58.19 5.39 -0.01	77.84 6.19 -10.34	67.14 5.16 -12.82	55.64 4.31 -10.27	46.64 3.82 -5.02	40.71 3.37 -2.26
PPL_SHRM_GT3 24213	40.18 2.24 0.00	38.16 2.26 0.00	37.44 2.09 0.00	37.77 2.27 0.00	38.16 2.43 0.00	43.23 2.94 -0.01	59.75 4.58 -0.01	68.35 5.82 -0.01	55.62 4.50 -0.01	46.45 3.56 0.00	40.12 2.94 0.00	38.49 2.59 0.00	39.06 2.89 0.00	38.63 2.60 0.00	39.18 2.90 0.00	40.17 3.18 0.00	43.70 3.90 -0.01	51.94 4.96 -1.90	58.66 5.86 -0.01	78.33 6.74 -10.27	67.84 5.90 -12.78	56.13 4.84 -10.23	46.73 3.93 -4.99	40.79 3.44 -2.26
PPL_SHRM_GT4 24214	40.18 2.24 0.00	38.16 2.26 0.00	37.44 2.09 0.00	37.77 2.27 0.00	38.16 2.43 0.00	43.23 2.94 -0.01	59.75 4.58 -0.01	68.35 5.82 -0.01	55.62 4.50 -0.01	46.45 3.56 0.00	40.12 2.94 0.00	38.49 2.59 0.00	39.06 2.89 0.00	38.63 2.60 0.00	39.18 2.90 0.00	40.17 3.18 0.00	43.70 3.90 -0.01	51.94 4.96 -1.90	58.66 5.86 -0.01	78.33 6.74 -10.27	67.84 5.90 -12.78	56.13 4.84 -10.23	46.73 3.93 -4.99	40.79 3.44 -2.26
PROJECT___ORANGE 1 24174	37.90 -0.04 0.00	35.82 -0.07 0.00	35.25 -0.11 0.00	35.36 -0.14 0.00	35.63 -0.11 0.00	40.12 -0.16 0.00	54.78 -0.39 0.00	61.90 -0.63 0.00	50.60 -0.51 0.00	42.59 -0.30 0.00	37.00 -0.19 0.00	35.76 -0.14 0.00	36.06 -0.11 0.00	35.93 -0.11 0.00	36.13 -0.15 0.00	36.77 -0.22 0.00	39.47 -0.32 0.00	44.68 -0.41 0.00	52.48 -0.32 0.00	60.95 -0.37 0.00	49.33 -0.34 -0.51	41.14 -0.25 -0.33	37.70 -0.19 -0.08	35.13 -0.14 -0.19
PROJECT___ORANGE 2 24166	37.90 -0.04 0.00	35.82 -0.07 0.00	35.25 -0.11 0.00	35.36 -0.14 0.00	35.63 -0.11 0.00	40.12 -0.16 0.00	54.78 -0.39 0.00	61.90 -0.63 0.00	50.60 -0.51 0.00	42.59 -0.30 0.00	37.00 -0.19 0.00	35.76 -0.14 0.00	36.06 -0.11 0.00	35.93 -0.11 0.00	36.13 -0.15 0.00	36.77 -0.22 0.00	39.47 -0.32 0.00	44.68 -0.41 0.00	52.48 -0.32 0.00	60.95 -0.37 0.00	49.33 -0.34 -0.51	41.14 -0.25 -0.33	37.70 -0.19 -0.08	35.13 -0.14 -0.19
PUCKETT___SOLAR 323809	38.89 0.95 0.00	36.79 0.90 0.00	36.13 0.78 0.00	36.28 0.78 0.00	36.52 0.79 0.00	41.13 0.85 0.00	56.55 1.38 0.00	63.71 1.18 0.00	51.82 0.72 0.00	43.37 0.47 0.00	37.48 0.30 0.00	36.16 0.25 0.00	36.35 0.18 0.00	36.25 0.22 0.00	36.46 0.18 0.00	37.25 0.26 0.00	40.07 0.28 0.00	45.44 0.36 0.00	53.53 0.74 0.00	62.29 0.98 0.00	51.69 0.59 -1.94	42.75 0.45 -1.23	38.48 0.38 -0.30	36.05 0.25 -0.72
PYRITES___HYD 24023	38.28 0.34 0.00	36.22 0.32 0.00	35.75 0.39 0.00	35.89 0.39 0.00	36.09 0.36 0.00	40.88 0.60 0.00	56.22 1.05 0.00	63.52 1.00 0.00	51.62 0.51 0.00	43.24 0.34 0.00	37.37 0.19 0.00	35.84 -0.07 0.00	36.06 -0.11 0.00	35.93 -0.11 0.00	36.10 -0.18 0.00	36.77 -0.22 0.00	39.55 -0.24 0.00	44.95 -0.14 0.00	52.42 -0.37 0.00	61.01 -0.31 0.00	48.82 -0.34 0.00	40.57 -0.49 0.00	37.39 -0.42 0.00	34.80 -0.28 0.00
QUAKERRD_115KV_BK1 80622	36.76 -1.18 0.00	34.53 -1.36 0.00	33.94 -1.41 0.00	34.04 -1.46 0.00	34.30 -1.43 0.00	38.51 -1.77 0.00	52.24 -2.92 0.00	58.58 -3.94 0.00	47.84 -3.27 0.00	40.71 -2.19 0.00	35.51 -1.67 0.00	34.40 -1.51 0.00	34.83 -1.34 0.00	34.85 -1.19 0.00	34.83 -1.45 0.00	35.40 -1.59 0.00	37.80 -1.99 0.00	42.56 -2.52 0.00	49.19 -2.80 0.80	56.46 -3.07 1.78	47.32 -2.36 -0.52	39.56 -1.93 -0.43	35.91 -1.97 -0.07	33.44 -1.79 -0.15
QUENSBRY_115KV_TB8 356137	40.29 2.35 0.00	38.34 2.44 0.00	37.80 2.44 0.00	37.95 2.45 0.00	38.31 2.57 0.00	43.34 3.06 0.00	60.41 5.24 0.00	68.46 5.94 0.00	55.40 4.29 0.00	46.15 3.26 0.00	39.49 2.31 0.00	37.92 2.01 0.00	38.15 1.99 0.00	38.09 2.05 0.00	38.56 2.29 0.00	39.69 2.70 0.00	42.89 3.10 0.00	48.96 3.88 0.00	57.49 4.70 0.00	67.32 6.01 0.00	61.55 4.72 -7.67	49.72 3.78 -4.88	42.19 3.21 -1.17	40.68 2.74 -2.86
RAMAPO___LBMP 323565	39.04 1.10 0.00	37.04 1.15 0.00	36.49 1.13 0.00	36.67 1.17 0.00	36.91 1.18 0.00	41.65 1.37 0.00	57.76 2.59 0.00	66.02 3.50 0.00	53.82 2.71 0.00	44.91 2.02 0.00	38.97 1.78 0.00	37.67 1.76 0.00	38.01 1.84 0.00	37.80 1.77 0.00	38.17 1.89 0.00	39.06 2.07 0.00	42.22 2.43 0.00	48.01 2.93 0.00	56.33 3.54 0.00	65.48 4.17 0.00	58.34 3.44 -5.74	47.50 2.79 -3.65	40.99 2.31 -0.88	39.15 1.93 -2.14
RANKINE____ 23646	37.26 -0.68 0.00	34.78 -1.11 0.00	34.08 -1.27 0.00	34.11 -1.38 0.00	34.37 -1.36 0.00	38.14 -2.13 0.00	51.36 -3.81 0.00	56.52 -6.00 0.00	46.10 -5.01 0.00	39.98 -2.92 0.00	35.03 -2.16 0.00	34.11 -1.80 0.00	34.31 -1.84 0.02	34.51 -1.51 0.02	34.49 -1.78 0.02	34.95 -2.03 0.00	36.88 -2.90 0.00	40.90 -4.15 0.04	44.56 -4.75 3.48	48.51 -5.09 7.71	43.01 -4.13 2.02	37.61 -3.49 -0.04	34.82 -3.06 -0.08	32.30 -2.95 -0.16
RAVENSWOOD_GT2_1 24244	39.53 1.59 0.00	37.51 1.62 0.00	36.98 1.63 0.00	37.17 1.67 0.00	37.41 1.68 0.00	42.21 1.93 0.00	58.64 3.48 0.00	67.15 4.63 0.00	54.89 3.78 0.00	45.77 2.87 0.00	39.75 2.57 0.00	38.42 2.51 0.00	38.77 2.60 0.00	38.60 2.56 0.00	38.93 2.65 0.00	39.84 2.85 0.00	43.05 3.26 0.00	49.05 3.97 0.00	57.49 4.70 0.00	66.71 5.40 0.00	59.64 4.42 -6.05	48.52 3.61 -3.85	41.76 3.02 -0.92	39.93 2.60 -2.25

RAVENSWOOD_GT2_2 24245	39.53 1.59 0.00	37.51 1.62 0.00	36.98 1.63 0.00	37.17 1.67 0.00	37.41 1.68 0.00	42.21 1.93 0.00	58.64 3.48 0.00	67.15 4.63 0.00	54.89 3.78 0.00	45.77 2.87 0.00	39.75 2.57 0.00	38.42 2.51 0.00	38.77 2.60 0.00	38.60 2.56 0.00	38.93 2.65 0.00	39.84 2.85 0.00	43.05 3.26 0.00	49.05 3.97 0.00	57.49 4.70 0.00	66.71 5.40 0.00	59.64 4.42 -6.05	48.52 3.61 -3.85	41.76 3.02 -0.92	39.93 2.60 -2.25
RAVENSWOOD_GT2_3 24246	39.57 1.63 0.00	37.55 1.65 0.00	36.98 1.63 0.00	37.17 1.67 0.00	37.41 1.68 0.00	42.21 1.93 0.00	58.64 3.48 0.00	67.15 4.63 0.00	54.89 3.78 0.00	45.77 2.87 0.00	39.75 2.57 0.00	38.46 2.55 0.00	38.81 2.64 0.00	38.60 2.56 0.00	38.93 2.65 0.00	39.84 2.85 0.00	43.09 3.30 0.00	49.05 3.97 0.00	57.54 4.75 0.00	66.71 5.40 0.00	59.69 4.47 -6.05	48.52 3.61 -3.85	41.79 3.06 -0.92	39.97 2.63 -2.25
RAVENSWOOD_GT2_4 24247	39.57 1.63 0.00	37.55 1.65 0.00	36.98 1.63 0.00	37.17 1.67 0.00	37.41 1.68 0.00	42.21 1.93 0.00	58.64 3.48 0.00	67.15 4.63 0.00	54.89 3.78 0.00	45.77 2.87 0.00	39.75 2.57 0.00	38.46 2.55 0.00	38.81 2.64 0.00	38.60 2.56 0.00	38.93 2.65 0.00	39.84 2.85 0.00	43.09 3.30 0.00	49.05 3.97 0.00	57.54 4.75 0.00	66.71 5.40 0.00	59.69 4.47 -6.05	48.52 3.61 -3.85	41.79 3.06 -0.92	39.97 2.63 -2.25
RAVENSWOOD_GT3_1 24248	39.53 1.59 0.00	37.55 1.65 0.00	36.98 1.63 0.00	37.17 1.67 0.00	37.41 1.68 0.00	42.21 1.93 0.00	58.64 3.48 0.00	67.15 4.63 0.00	54.89 3.78 0.00	45.77 2.87 0.00	39.75 2.57 0.00	38.46 2.55 0.00	38.81 2.64 0.00	38.60 2.56 0.00	38.93 2.65 0.00	39.84 2.85 0.00	43.09 3.30 0.00	49.05 3.97 0.00	57.49 4.70 0.00	66.71 5.40 0.00	59.64 4.42 -6.05	48.52 3.61 -3.85	41.79 3.06 -0.92	39.93 2.60 -2.25
RAVENSWOOD_GT3_2 24249	39.53 1.59 0.00	37.55 1.65 0.00	36.98 1.63 0.00	37.17 1.67 0.00	37.41 1.68 0.00	42.21 1.93 0.00	58.64 3.48 0.00	67.15 4.63 0.00	54.89 3.78 0.00	45.77 2.87 0.00	39.75 2.57 0.00	38.46 2.55 0.00	38.81 2.64 0.00	38.60 2.56 0.00	38.93 2.65 0.00	39.84 2.85 0.00	43.09 3.30 0.00	49.05 3.97 0.00	57.49 4.70 0.00	66.71 5.40 0.00	59.64 4.42 -6.05	48.52 3.61 -3.85	41.79 3.06 -0.92	39.93 2.60 -2.25
RAVENSWOOD_GT3_3 24250	39.61 1.67 0.00	37.58 1.69 0.00	37.05 1.70 0.00	37.24 1.74 0.00	37.45 1.72 0.00	42.25 1.97 0.00	58.75 3.59 0.00	67.27 4.75 0.00	54.99 3.88 0.00	45.85 2.96 0.00	39.79 2.60 0.00	38.49 2.59 0.00	38.84 2.68 0.00	38.67 2.63 0.00	39.00 2.72 0.00	39.91 2.92 0.00	43.13 3.34 0.00	49.10 4.01 0.00	57.60 4.80 0.00	66.77 5.46 0.00	59.73 4.52 -6.05	48.56 3.65 -3.85	41.83 3.10 -0.92	39.97 2.63 -2.25
RAVENSWOOD_GT3_4 24251	39.61 1.67 0.00	37.58 1.69 0.00	37.05 1.70 0.00	37.24 1.74 0.00	37.45 1.72 0.00	42.25 1.97 0.00	58.75 3.59 0.00	67.27 4.75 0.00	54.99 3.88 0.00	45.85 2.96 0.00	39.79 2.60 0.00	38.49 2.59 0.00	38.84 2.68 0.00	38.67 2.63 0.00	39.00 2.72 0.00	39.91 2.92 0.00	43.13 3.34 0.00	49.10 4.01 0.00	57.60 4.80 0.00	66.77 5.46 0.00	59.73 4.52 -6.05	48.56 3.65 -3.85	41.83 3.10 -0.92	39.97 2.63 -2.25
RAVENSWOOD_GT_1 23729	42.15 1.78 -2.43	40.32 1.79 -2.63	38.28 1.80 -1.12	38.03 1.85 -0.69	39.25 1.82 -1.70	44.33 2.09 -1.96	58.87 3.70 0.00	67.40 4.88 0.00	56.40 4.09 -1.20	48.38 3.13 -2.36	43.09 2.75 -3.15	42.04 2.73 -3.40	42.33 2.82 -3.34	42.21 2.77 -3.40	43.08 2.87 -3.94	44.74 3.07 -4.68	48.82 3.50 -5.53	54.57 4.19 -5.29	57.80 5.02 0.01	66.89 5.58 0.01	59.87 4.67 -6.04	50.61 3.78 -5.78	44.65 3.25 -3.59	42.67 2.81 -4.78
RAVENSWOOD_GT_10 24258	39.53 1.59 0.00	37.51 1.62 0.00	36.98 1.63 0.00	37.17 1.67 0.00	37.38 1.64 0.00	42.21 1.93 0.00	58.64 3.48 0.00	67.15 4.63 0.00	54.86 3.78 0.03	45.72 2.87 0.05	39.65 2.53 0.06	38.35 2.51 0.07	38.70 2.60 0.07	38.53 2.56 0.07	38.81 2.65 0.12	39.65 2.85 0.18	42.77 3.26 0.28	48.79 3.97 0.27	57.49 4.70 0.00	66.71 5.40 0.00	59.64 4.42 -6.05	48.48 3.57 -3.85	41.76 3.02 -0.92	39.93 2.60 -2.25
RAVENSWOOD_GT_11 24259	39.53 1.59 0.00	37.51 1.62 0.00	36.98 1.63 0.00	37.17 1.67 0.00	37.38 1.64 0.00	42.21 1.93 0.00	58.64 3.48 0.00	67.15 4.63 0.00	54.86 3.78 0.03	45.72 2.87 0.05	39.65 2.53 0.06	38.35 2.51 0.07	38.70 2.60 0.07	38.53 2.56 0.07	38.81 2.65 0.12	39.65 2.85 0.18	42.77 3.26 0.28	48.79 3.97 0.27	57.49 4.70 0.00	66.71 5.40 0.00	59.64 4.42 -6.05	48.48 3.57 -3.85	41.76 3.02 -0.92	39.93 2.60 -2.25
RAVENSWOOD_GT_4 24252	41.38 1.59 -1.85	39.52 1.62 -2.00	37.80 1.59 -0.86	37.66 1.63 -0.53	38.67 1.64 -1.29	43.66 1.89 -1.49	58.64 3.48 0.00	67.15 4.63 0.00	55.36 3.73 -0.53	46.79 2.83 -1.06	41.14 2.53 -1.43	39.92 2.48 -1.54	40.24 2.57 -1.51	40.10 2.52 -1.54	40.05 2.61 -1.16	40.55 2.81 -0.75	43.01 3.22 0.01	49.00 3.92 0.01	57.43 4.65 0.01	66.64 5.33 0.01	59.63 4.42 -6.05	49.95 3.57 -5.32	43.75 2.99 -2.96	41.82 2.56 -4.18
RAVENSWOOD_GT_5 24254	41.38 1.59 -1.85	39.52 1.62 -2.00	37.80 1.59 -0.86	37.66 1.63 -0.53	38.67 1.64 -1.29	43.66 1.89 -1.49	58.64 3.48 0.00	67.15 4.63 0.00	55.36 3.73 -0.53	46.79 2.83 -1.06	41.14 2.53 -1.43	39.92 2.48 -1.54	40.24 2.57 -1.51	40.10 2.52 -1.54	40.05 2.61 -1.16	40.55 2.81 -0.75	43.01 3.22 0.01	49.00 3.92 0.01	57.43 4.65 0.01	66.64 5.33 0.01	59.63 4.42 -6.05	49.95 3.57 -5.32	43.75 2.99 -2.96	41.82 2.56 -4.18
RAVENSWOOD_GT_6 24253	41.38 1.59 -1.85	39.52 1.62 -2.00	37.80 1.59 -0.86	37.66 1.63 -0.53	38.67 1.64 -1.29	43.66 1.89 -1.49	58.64 3.48 0.00	67.15 4.63 0.00	55.36 3.73 -0.53	46.79 2.83 -1.06	41.14 2.53 -1.43	39.92 2.48 -1.54	40.24 2.57 -1.51	40.10 2.52 -1.54	40.05 2.61 -1.16	40.55 2.81 -0.75	43.01 3.22 0.01	49.00 3.92 0.01	57.43 4.65 0.01	66.64 5.33 0.01	59.63 4.42 -6.05	49.95 3.57 -5.32	43.75 2.99 -2.96	41.82 2.56 -4.18
RAVENSWOOD_GT_7 24255	41.38 1.59 -1.85	39.52 1.62 -2.00	37.80 1.59 -0.86	37.66 1.63 -0.53	38.67 1.64 -1.29	43.66 1.89 -1.49	58.64 3.48 0.00	67.15 4.63 0.00	55.36 3.73 -0.53	46.79 2.83 -1.06	41.14 2.53 -1.43	39.92 2.48 -1.54	40.24 2.57 -1.51	40.10 2.52 -1.54	40.05 2.61 -1.16	40.55 2.81 -0.75	43.01 3.22 0.01	49.00 3.92 0.01	57.43 4.65 0.01	66.64 5.33 0.01	59.63 4.42 -6.05	49.95 3.57 -5.32	43.75 2.99 -2.96	41.82 2.56 -4.18
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	39.53 1.59 0.00	37.51 1.62 0.00	36.98 1.63 0.00	37.17 1.67 0.00	37.38 1.64 0.00	42.21 1.93 0.00	58.64 3.48 0.00	67.15 4.63 0.00	54.86 3.78 0.03	45.72 2.87 0.05	39.65 2.53 0.06	38.35 2.51 0.07	38.70 2.60 0.07	38.53 2.56 0.07	38.81 2.65 0.12	39.65 2.85 0.18	42.77 3.26 0.28	48.79 3.97 0.27	57.49 4.70 0.00	66.71 5.40 0.00	59.64 4.42 -6.05	48.48 3.57 -3.85	41.76 3.02 -0.92	39.93 2.60 -2.25

RAVENSWOOD_GT_9 24257	39.53 1.59 0.00	37.51 1.62 0.00	36.98 1.63 0.00	37.17 1.67 0.00	37.38 1.64 0.00	42.21 1.93 0.00	58.64 3.48 0.00	67.15 4.63 0.00	54.86 3.78 0.03	45.72 2.87 0.05	39.65 2.53 0.06	38.35 2.51 0.07	38.70 2.60 0.07	38.53 2.56 0.07	38.81 2.65 0.12	39.65 2.85 0.18	42.77 3.26 0.28	48.79 3.97 0.27	57.49 4.70 0.00	66.71 5.40 0.00	59.64 4.42 -6.05	48.48 3.57 -3.85	41.76 3.02 -0.92	39.93 2.60 -2.25
RAVENSWOOD___1 23533	39.69 1.75 0.00	37.62 1.72 0.00	37.12 1.77 0.00	37.31 1.81 0.00	37.52 1.79 0.00	42.25 1.97 0.00	58.81 3.64 0.00	67.40 4.88 0.00	55.35 3.99 -0.26	46.50 3.13 -0.48	40.69 2.86 -0.64	39.36 2.77 -0.69	39.73 2.89 -0.67	39.46 2.74 -0.68	40.31 2.83 -1.20	42.00 3.18 -1.83	46.00 3.46 -2.75	51.91 4.19 -2.63	57.75 4.96 0.00	66.95 5.64 0.00	59.83 4.62 -6.05	48.56 3.65 -3.85	41.91 3.18 -0.92	40.18 2.84 -2.25
RAVENSWOOD___2 23534	39.69 1.75 0.00	37.62 1.72 0.00	37.12 1.77 0.00	37.31 1.81 0.00	37.52 1.79 0.00	42.25 1.97 0.00	58.81 3.64 0.00	67.40 4.88 0.00	55.35 3.99 -0.25	46.50 3.13 -0.48	40.64 2.82 -0.63	39.36 2.77 -0.68	39.73 2.89 -0.67	39.46 2.74 -0.68	40.31 2.83 -1.19	42.00 3.18 -1.83	45.99 3.46 -2.74	51.90 4.19 -2.62	57.75 4.96 0.00	66.89 5.58 0.00	59.83 4.62 -6.05	48.52 3.61 -3.85	41.87 3.14 -0.92	40.14 2.81 -2.25
RAVENSWOOD___3 23535	39.53 1.59 0.00	37.47 1.58 0.00	36.95 1.59 0.00	37.17 1.67 0.00	37.38 1.64 0.00	42.13 1.85 0.00	58.65 3.48 0.00	67.15 4.63 0.00	54.84 3.73 0.00	45.81 2.92 0.00	39.83 2.64 0.00	38.49 2.59 0.00	38.88 2.71 0.00	38.60 2.56 0.00	38.93 2.65 0.00	39.98 2.99 0.00	43.13 3.34 0.00	49.05 3.97 0.00	57.49 4.70 0.00	66.77 5.46 0.00	59.64 4.43 -6.05	48.52 3.61 -3.85	41.83 3.10 -0.92	40.04 2.70 -2.25
RAVENSWOOD___4 23820	37.29 1.75 2.39	35.03 1.72 2.59	35.98 1.73 1.11	36.63 1.81 0.68	35.81 1.75 1.67	40.33 1.97 1.93	58.81 3.64 0.00	67.34 4.81 0.00	54.42 3.99 0.68	44.65 3.13 1.38	38.17 2.82 1.84	36.68 2.77 1.99	37.07 2.86 1.95	36.79 2.74 1.99	37.61 2.83 1.50	39.15 3.14 0.98	43.22 3.42 -0.01	49.24 4.15 -0.01	57.76 4.96 -0.01	66.90 5.58 -0.01	59.84 4.62 -6.06	46.62 3.61 -1.95	39.24 3.14 1.70	37.66 2.81 0.23
RCPL_TRUST___DRP 24196	39.69 1.75 0.00	37.66 1.76 0.00	37.09 1.73 0.00	37.27 1.77 0.00	37.52 1.79 0.00	42.37 2.09 0.00	58.97 3.81 0.00	67.59 5.06 0.00	55.25 4.14 0.00	46.07 3.17 0.00	39.98 2.79 0.00	38.67 2.76 0.00	39.02 2.86 0.00	38.85 2.81 0.00	39.14 2.87 0.00	40.09 3.11 0.00	43.33 3.54 0.00	49.37 4.28 0.00	57.86 5.07 0.00	67.08 5.76 0.00	59.93 4.72 -6.05	48.69 3.78 -3.85	41.95 3.21 -0.92	40.07 2.74 -2.25
RED___ROCHESTER 323720	37.64 -0.30 0.00	35.39 -0.50 0.00	34.68 -0.67 0.00	34.79 -0.71 0.00	35.02 -0.71 0.00	39.35 -0.92 0.00	53.24 -1.93 0.00	59.52 -3.00 0.00	48.71 -2.40 0.00	41.43 -1.46 0.00	36.15 -1.04 0.00	35.12 -0.79 0.00	35.59 -0.58 0.00	35.64 -0.40 0.00	35.59 -0.69 0.00	35.99 -1.00 0.00	38.44 -1.35 0.00	43.27 -1.80 0.00	49.99 -1.90 0.91	57.51 -1.78 2.02	48.26 -1.43 -0.52	40.32 -1.19 -0.45	36.51 -1.36 -0.07	33.93 -1.30 -0.15
REGAN___SOLAR 323812	40.37 2.43 0.00	38.34 2.44 0.00	37.76 2.41 0.00	37.95 2.45 0.00	38.31 2.57 0.00	43.34 3.06 0.00	60.02 4.86 0.00	67.77 5.25 0.00	54.63 3.52 0.00	45.29 2.40 0.00	38.90 1.71 0.00	37.34 1.44 0.00	37.72 1.55 0.00	37.66 1.62 0.00	37.95 1.67 0.00	39.06 2.07 0.00	42.30 2.51 0.00	48.47 3.38 0.00	57.17 4.38 0.00	66.95 5.64 0.00	61.95 4.43 -8.36	49.91 3.53 -5.32	42.07 2.99 -1.28	40.79 2.60 -3.12
RENSSELAER___COGEN 23796	38.32 0.38 0.00	36.36 0.47 0.00	35.89 0.53 0.00	36.03 0.53 0.00	36.30 0.57 0.00	40.88 0.61 0.00	56.16 0.99 0.00	64.08 1.56 0.00	52.23 1.12 0.00	43.71 0.81 0.00	37.86 0.67 0.00	36.55 0.65 0.00	36.82 0.65 0.00	36.69 0.65 0.00	37.11 0.84 0.00	37.99 1.00 0.00	40.94 1.15 0.00	46.53 1.44 0.00	54.69 1.90 0.00	63.64 2.33 0.00	58.39 1.82 -7.41	47.29 1.52 -4.71	40.19 1.25 -1.13	38.89 1.05 -2.76
REPUBLIC_115KV_BARTNBRK 55605	41.85 3.91 0.00	39.88 3.98 0.00	39.32 3.96 0.00	39.47 3.98 0.00	39.91 4.18 0.00	45.19 4.91 0.00	63.17 8.00 0.00	71.40 8.88 0.00	57.45 6.34 0.00	47.78 4.89 0.00	40.68 3.50 0.00	38.96 3.05 0.00	39.13 2.97 0.00	39.17 3.14 0.00	39.62 3.34 0.00	40.87 3.88 0.00	44.17 4.38 0.00	50.49 5.41 0.00	59.45 6.65 0.00	70.02 8.71 0.00	63.66 6.83 -7.67	51.40 5.46 -4.88	43.63 4.65 -1.17	42.01 4.07 -2.86
REVERE_CPPR_DRP 24186	39.15 1.21 0.00	37.04 1.15 0.00	36.49 1.13 0.00	36.67 1.17 0.00	36.91 1.18 0.00	41.73 1.45 0.00	57.43 2.26 0.00	64.96 2.44 0.00	52.85 1.74 0.00	44.18 1.29 0.00	38.12 0.93 0.00	36.77 0.86 0.00	36.96 0.80 0.00	36.94 0.90 0.00	37.11 0.83 0.00	37.84 0.85 0.00	40.70 0.92 0.00	46.26 1.17 0.00	54.59 1.79 0.00	63.52 2.21 0.00	50.96 1.52 -0.28	42.47 1.23 -0.18	38.95 1.10 -0.04	36.10 0.91 -0.10
REYNOLDS_115KV_TB3 80639	38.59 0.64 0.00	36.61 0.72 0.00	36.13 0.78 0.00	36.28 0.78 0.00	36.55 0.82 0.00	41.16 0.89 0.00	56.66 1.49 0.00	64.58 2.06 0.00	52.74 1.64 0.00	44.09 1.20 0.00	38.08 0.89 0.00	36.80 0.90 0.00	37.07 0.90 0.00	36.94 0.90 0.00	37.37 1.09 0.00	38.28 1.29 0.00	41.26 1.47 0.00	46.93 1.85 0.00	55.22 2.43 0.00	64.14 2.82 0.00	58.90 2.31 -7.43	47.71 1.93 -4.72	40.57 1.63 -1.14	39.22 1.37 -2.77
RIVERBAY____ 323610	39.80 1.86 0.00	37.73 1.83 0.00	37.30 1.94 0.00	37.45 1.95 0.00	37.66 1.93 0.00	42.41 2.13 0.00	58.92 3.75 0.00	67.40 4.88 0.00	55.24 4.14 0.01	46.02 3.13 0.01	39.89 2.71 0.01	38.59 2.69 0.01	38.91 2.75 0.01	38.73 2.70 0.01	39.06 2.79 0.01	39.98 3.00 0.01	43.24 3.46 0.01	49.22 4.15 0.01	57.76 4.96 0.00	66.83 5.52 0.00	59.83 4.62 -6.05	48.64 3.74 -3.85	41.98 3.25 -0.92	40.21 2.88 -2.25
RIVERSDE_115KV_TB3 55908	38.47 0.53 0.00	36.54 0.65 0.00	36.03 0.67 0.00	36.17 0.67 0.00	36.45 0.71 0.00	41.04 0.77 0.00	56.44 1.27 0.00	64.40 1.88 0.00	52.54 1.43 0.00	43.92 1.03 0.00	38.00 0.82 0.00	36.70 0.79 0.00	36.96 0.80 0.00	36.83 0.79 0.00	37.26 0.98 0.00	38.13 1.15 0.00	41.10 1.31 0.00	46.75 1.67 0.00	54.96 2.16 0.00	63.89 2.58 0.00	58.67 2.06 -7.45	47.56 1.77 -4.74	40.42 1.47 -1.14	39.12 1.26 -2.77
ROARING___BROOK_WT_PWR 323790	37.83 -0.11 0.00	35.79 -0.11 0.00	35.29 -0.07 0.00	35.46 -0.04 0.00	35.70 -0.04 0.00	40.28 0.00 0.00	55.22 0.06 0.00	62.52 0.00 0.00	51.16 0.05 0.00	42.89 0.00 0.00	37.11 -0.07 0.00	35.73 -0.18 0.00	35.91 -0.25 0.00	35.71 -0.32 0.00	35.88 -0.40 0.00	36.55 -0.44 0.00	39.23 -0.56 0.00	44.36 -0.72 0.00	51.74 -1.06 0.00	59.91 -1.41 0.00	48.03 -1.13 0.00	40.07 -0.99 0.00	36.90 -0.91 0.00	34.28 -0.81 0.00

ROCHESRG_115KV_T4 355643	37.26 -0.68 0.00	34.96 -0.93 0.00	34.33 -1.03 0.00	34.43 -1.06 0.00	34.70 -1.04 0.00	38.87 -1.41 0.00	52.63 -2.54 0.00	58.83 -3.69 0.00	48.04 -3.07 0.00	41.05 -1.84 0.00	35.85 -1.34 0.00	34.76 -1.15 0.00	35.22 -0.94 0.00	35.24 -0.79 0.00	35.19 -1.09 0.00	35.77 -1.22 0.00	38.08 -1.71 0.00	42.82 -2.25 0.01	48.87 -2.48 1.44	55.54 -2.58 3.20	47.02 -1.92 0.22	39.75 -1.60 -0.29	36.21 -1.66 -0.07	33.75 -1.47 -0.15
ROCHESTER_9_IC 23652	37.45 -0.49 0.00	35.14 -0.75 0.00	34.51 -0.85 0.00	34.61 -0.89 0.00	34.84 -0.89 0.00	39.07 -1.21 0.00	52.96 -2.21 0.00	59.21 -3.31 0.00	48.35 -2.76 0.00	41.26 -1.63 0.00	36.03 -1.15 0.00	34.97 -0.93 0.00	35.44 -0.72 0.00	35.46 -0.58 0.00	35.41 -0.87 0.00	35.95 -1.04 0.00	38.32 -1.47 0.00	43.05 -2.03 0.00	49.72 -2.16 0.91	57.03 -2.27 2.02	48.01 -1.67 -0.52	40.15 -1.35 -0.45	36.40 -1.47 -0.07	33.89 -1.33 -0.15
ROCKVIEW_13_KV_LD 356306	39.53 1.59 0.00	37.51 1.62 0.00	36.98 1.63 0.00	37.17 1.67 0.00	37.38 1.64 0.00	42.21 1.93 0.00	58.64 3.48 0.00	67.15 4.63 0.00	54.79 3.68 0.00	45.72 2.83 0.00	39.64 2.45 0.00	38.31 2.41 0.00	38.70 2.53 0.00	38.49 2.45 0.00	38.85 2.58 0.00	39.76 2.77 0.00	42.97 3.18 0.00	48.96 3.88 0.00	57.44 4.65 0.00	66.71 5.40 0.00	59.64 4.42 -6.05	48.48 3.57 -3.85	41.72 2.99 -0.92	39.86 2.53 -2.25
ROME____115KV_TB2 80656	39.15 1.21 0.00	37.04 1.15 0.00	36.49 1.13 0.00	36.67 1.17 0.00	36.91 1.18 0.00	41.73 1.45 0.00	57.43 2.26 0.00	64.96 2.44 0.00	52.85 1.74 0.00	44.18 1.29 0.00	38.12 0.93 0.00	36.77 0.86 0.00	36.96 0.80 0.00	36.94 0.90 0.00	37.11 0.83 0.00	37.84 0.85 0.00	40.70 0.92 0.00	46.26 1.17 0.00	54.59 1.79 0.00	63.52 2.21 0.00	50.96 1.52 -0.28	42.47 1.23 -0.18	38.95 1.10 -0.04	36.10 0.91 -0.10
ROSETON___1 23587	39.04 1.10 0.00	37.04 1.15 0.00	36.52 1.17 0.00	36.71 1.21 0.00	36.91 1.18 0.00	41.65 1.37 0.00	57.71 2.54 0.00	65.96 3.44 0.00	53.76 2.66 0.00	44.95 2.06 0.00	39.01 1.82 0.00	37.67 1.76 0.00	37.97 1.81 0.00	37.73 1.69 0.00	38.09 1.81 0.00	39.06 2.07 0.00	42.18 2.39 0.00	47.93 2.84 0.00	56.28 3.48 0.00	65.42 4.11 0.00	58.51 3.34 -6.01	47.59 2.71 -3.82	41.03 2.31 -0.92	39.28 1.96 -2.24
ROSETON___2 23588	39.04 1.10 0.00	37.04 1.15 0.00	36.52 1.17 0.00	36.71 1.21 0.00	36.91 1.18 0.00	41.65 1.37 0.00	57.71 2.54 0.00	65.96 3.44 0.00	53.76 2.66 0.00	44.95 2.06 0.00	39.01 1.82 0.00	37.67 1.76 0.00	37.97 1.81 0.00	37.73 1.69 0.00	38.09 1.81 0.00	39.06 2.07 0.00	42.18 2.39 0.00	47.93 2.84 0.00	56.28 3.48 0.00	65.42 4.11 0.00	58.51 3.34 -6.01	47.59 2.71 -3.82	41.03 2.31 -0.92	39.28 1.96 -2.24
ROTRDAM_115KV_TB3 80664	38.93 0.99 0.00	36.94 1.04 0.00	36.38 1.03 0.00	36.56 1.06 0.00	36.80 1.07 0.00	41.53 1.25 0.00	57.21 2.04 0.00	65.02 2.50 0.00	52.90 1.79 0.00	44.18 1.29 0.00	38.19 1.00 0.00	36.84 0.93 0.00	37.14 0.98 0.00	37.01 0.97 0.00	37.40 1.12 0.00	38.28 1.29 0.00	41.34 1.55 0.00	47.02 1.94 0.00	55.27 2.48 0.00	64.32 3.00 0.00	59.41 2.41 -7.85	48.02 1.97 -4.99	40.67 1.66 -1.20	39.41 1.40 -2.92
RUSSELL___1 23602	37.60 -0.34 0.00	35.29 -0.61 0.00	34.65 -0.71 0.00	34.75 -0.75 0.00	34.98 -0.75 0.00	39.23 -1.05 0.00	53.18 -1.99 0.00	59.52 -3.00 0.00	48.55 -2.56 0.00	41.48 -1.42 0.00	36.22 -0.97 0.00	35.12 -0.79 0.00	35.62 -0.54 0.00	35.64 -0.40 0.00	35.59 -0.69 0.00	36.14 -0.85 0.00	38.52 -1.27 0.00	43.28 -1.80 0.00	49.98 -1.90 0.91	57.33 -1.96 2.02	48.26 -1.43 -0.52	40.36 -1.15 -0.45	36.55 -1.32 -0.07	34.00 -1.23 -0.15
RUSSELL___2 23532	37.60 -0.34 0.00	35.29 -0.61 0.00	34.65 -0.71 0.00	34.75 -0.75 0.00	34.98 -0.75 0.00	39.23 -1.05 0.00	53.18 -1.99 0.00	59.52 -3.00 0.00	48.55 -2.56 0.00	41.48 -1.42 0.00	36.22 -0.97 0.00	35.12 -0.79 0.00	35.62 -0.54 0.00	35.64 -0.40 0.00	35.59 -0.69 0.00	36.14 -0.85 0.00	38.52 -1.27 0.00	43.28 -1.80 0.00	49.98 -1.90 0.91	57.33 -1.96 2.02	48.26 -1.43 -0.52	40.36 -1.15 -0.45	36.55 -1.32 -0.07	34.00 -1.23 -0.15
RUSSELL___3 23549	37.60 -0.34 0.00	35.29 -0.61 0.00	34.65 -0.71 0.00	34.75 -0.75 0.00	34.98 -0.75 0.00	39.23 -1.05 0.00	53.18 -1.99 0.00	59.52 -3.00 0.00	48.55 -2.56 0.00	41.48 -1.42 0.00	36.22 -0.97 0.00	35.12 -0.79 0.00	35.62 -0.54 0.00	35.64 -0.40 0.00	35.59 -0.69 0.00	36.14 -0.85 0.00	38.52 -1.27 0.00	43.28 -1.80 0.00	49.98 -1.90 0.91	57.33 -1.96 2.02	48.26 -1.43 -0.52	40.36 -1.15 -0.45	36.55 -1.32 -0.07	34.00 -1.23 -0.15
RUSSELL___4 23556	37.60 -0.34 0.00	35.29 -0.61 0.00	34.65 -0.71 0.00	34.75 -0.75 0.00	34.98 -0.75 0.00	39.23 -1.05 0.00	53.18 -1.99 0.00	59.52 -3.00 0.00	48.55 -2.56 0.00	41.48 -1.42 0.00	36.22 -0.97 0.00	35.12 -0.79 0.00	35.62 -0.54 0.00	35.64 -0.40 0.00	35.59 -0.69 0.00	36.14 -0.85 0.00	38.52 -1.27 0.00	43.28 -1.80 0.00	49.98 -1.90 0.91	57.33 -1.96 2.02	48.26 -1.43 -0.52	40.36 -1.15 -0.45	36.55 -1.32 -0.07	34.00 -1.23 -0.15
RUSSELL___STATION 23914	37.60 -0.34 0.00	35.29 -0.61 0.00	34.65 -0.71 0.00	34.75 -0.75 0.00	34.98 -0.75 0.00	39.23 -1.05 0.00	53.18 -1.99 0.00	59.52 -3.00 0.00	48.55 -2.56 0.00	41.48 -1.42 0.00	36.22 -0.97 0.00	35.12 -0.79 0.00	35.62 -0.54 0.00	35.64 -0.40 0.00	35.59 -0.69 0.00	36.14 -0.85 0.00	38.52 -1.27 0.00	43.28 -1.80 0.00	49.98 -1.90 0.91	57.33 -1.96 2.02	48.26 -1.43 -0.52	40.36 -1.15 -0.45	36.55 -1.32 -0.07	34.00 -1.23 -0.15
S SALMON___HYD 24043	37.45 -0.49 0.00	35.43 -0.47 0.00	34.86 -0.50 0.00	35.04 -0.46 0.00	35.27 -0.47 0.00	39.80 -0.48 0.00	54.51 -0.66 0.00	61.52 -1.00 0.00	50.19 -0.92 0.00	42.04 -0.86 0.00	36.40 -0.78 0.00	35.15 -0.76 0.00	35.37 -0.80 0.00	35.28 -0.76 0.00	35.45 -0.83 0.00	36.03 -0.96 0.00	38.75 -1.03 0.00	44.00 -1.08 0.00	51.90 -0.90 0.00	60.46 -0.86 0.00	48.72 -0.84 -0.40	40.62 -0.70 -0.25	37.23 -0.64 -0.06	34.60 -0.63 -0.15
S.PERRY__115KV_TB1 80734	38.78 0.83 0.00	36.40 0.50 0.00	35.67 0.32 0.00	35.75 0.25 0.00	35.98 0.25 0.00	40.36 0.08 0.00	54.95 -0.22 0.00	61.21 -1.31 0.00	49.47 -1.64 0.00	41.82 -1.07 0.00	36.18 -1.00 0.00	34.90 -1.01 0.00	35.16 -1.08 -0.08	35.11 -1.01 -0.08	35.20 -1.16 -0.08	35.77 -1.22 0.00	38.28 -1.51 0.00	43.44 -1.80 -0.16	59.99 -1.58 -8.78	79.23 -1.47 -19.39	63.59 -1.13 -15.56	43.98 -0.90 -3.82	36.68 -1.17 -0.05	34.00 -1.16 -0.08
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	36.92 -1.02 0.00	34.42 -1.47 0.00	33.73 -1.63 0.00	33.76 -1.74 0.00	34.05 -1.68 0.00	37.78 -2.50 0.00	50.81 -4.36 0.00	55.89 -6.63 0.00	45.64 -5.47 0.00	39.59 -3.30 0.00	34.73 -2.45 0.00	33.82 -2.08 0.00	34.12 -2.03 0.02	34.25 -1.77 0.02	34.23 -2.03 0.02	34.73 -2.26 0.00	36.65 -3.14 0.04	40.67 -4.37 3.73	44.16 -4.91 8.25	47.79 -5.27 8.25	42.55 -4.13 2.48	37.49 -3.49 0.08	34.71 -3.18 -0.07	32.26 -2.98 -0.16

SAWYER___23_KV_LOAD 55526	36.92 -1.02 0.00	34.42 -1.47 0.00	33.73 -1.63 0.00	33.76 -1.74 0.00	34.05 -1.68 0.00	37.78 -2.50 0.00	50.81 -4.36 0.00	55.89 -6.63 0.00	45.64 -5.47 0.00	39.59 -3.30 0.00	34.73 -2.45 0.00	33.82 -2.08 0.00	34.12 -2.03 0.02	34.25 -1.77 0.02	34.23 -2.03 0.02	34.73 -2.26 0.00	36.65 -3.14 0.00	40.67 -4.37 0.04	44.16 -4.91 3.73	47.79 -5.27 8.25	42.55 -4.13 2.48	37.49 -3.49 0.08	34.71 -3.18 -0.07	32.26 -2.98 -0.16
SELKIRK___I 23801	38.74 0.80 0.00	36.76 0.86 0.00	36.27 0.92 0.00	36.42 0.92 0.00	36.66 0.93 0.00	41.29 1.01 0.00	56.71 1.54 0.00	64.52 2.00 0.00	52.49 1.38 0.00	43.88 0.99 0.00	37.93 0.74 0.00	36.59 0.68 0.00	36.85 0.69 0.00	36.72 0.68 0.00	37.15 0.87 0.00	38.10 1.11 0.00	41.10 1.31 0.00	46.75 1.67 0.00	54.96 2.17 0.00	63.95 2.63 0.00	58.51 2.06 -7.28	47.42 1.72 -4.63	40.39 1.47 -1.11	39.06 1.26 -2.71
SELKIRK___II 23799	38.47 0.53 0.00	36.51 0.61 0.00	36.03 0.67 0.00	36.17 0.67 0.00	36.41 0.68 0.00	41.04 0.76 0.00	56.44 1.27 0.00	64.34 1.81 0.00	52.43 1.33 0.00	43.88 0.99 0.00	38.00 0.82 0.00	36.66 0.76 0.00	36.96 0.79 0.00	36.79 0.76 0.00	37.22 0.94 0.00	38.10 1.11 0.00	41.06 1.27 0.00	46.66 1.58 0.00	54.85 2.06 0.00	63.77 2.46 0.00	58.43 1.92 -7.36	47.38 1.64 -4.68	40.29 1.36 -1.12	38.98 1.16 -2.74
SENECA OSWGO___HYD 24041	37.52 -0.42 0.00	35.50 -0.39 0.00	34.90 -0.46 0.00	35.04 -0.46 0.00	35.27 -0.47 0.00	39.71 -0.56 0.00	54.23 -0.94 0.00	61.27 -1.25 0.00	50.14 -0.97 0.00	42.12 -0.77 0.00	36.55 -0.63 0.00	35.37 -0.54 0.00	35.62 -0.54 0.00	35.50 -0.54 0.00	35.70 -0.58 0.00	36.28 -0.70 0.00	38.99 -0.80 0.00	44.13 -0.95 0.00	51.90 -0.90 0.00	60.33 -0.98 0.00	48.77 -0.84 -0.45	40.69 -0.66 -0.29	37.31 -0.57 -0.07	34.76 -0.49 -0.17
SENECA___115KV_TB3 355854	37.33 -0.61 0.00	34.86 -1.04 0.00	34.12 -1.24 0.00	34.15 -1.35 0.00	34.45 -1.29 0.00	38.22 -2.05 0.00	51.47 -3.70 0.00	56.64 -5.88 0.00	46.20 -4.91 0.00	40.02 -2.87 0.00	35.10 -2.08 0.00	34.15 -1.76 0.00	34.38 -1.77 0.02	34.54 -1.48 0.02	34.56 -1.71 0.02	34.99 -2.00 0.00	36.96 -2.83 0.00	40.94 -4.10 0.04	44.67 -4.65 3.48	48.57 -5.03 7.71	43.11 -4.03 2.02	37.69 -3.41 -0.04	34.86 -3.02 -0.08	32.33 -2.91 -0.16
SENECA___ENERGY 23797	37.98 0.04 0.00	35.86 -0.04 0.00	35.22 -0.14 0.00	35.32 -0.18 0.00	35.59 -0.14 0.00	40.08 -0.20 0.00	54.78 -0.38 0.00	61.52 -1.00 0.00	50.39 -0.72 0.00	42.33 -0.56 0.00	36.74 -0.44 0.00	35.51 -0.39 0.00	35.77 -0.40 -0.01	35.68 -0.36 -0.01	35.81 -0.47 -0.01	36.39 -0.59 0.00	39.11 -0.68 0.00	44.28 -0.81 -0.01	52.56 -0.69 -0.45	61.51 -0.80 -0.99	50.17 -0.69 -1.70	41.17 -0.57 -0.69	37.34 -0.57 -0.10	34.76 -0.56 -0.24
SHOEMAKER___GT 23640	38.89 0.95 0.00	36.87 0.97 0.00	36.34 0.99 0.00	36.53 1.03 0.00	36.73 1.00 0.00	41.45 1.17 0.00	57.32 2.15 0.00	65.40 2.88 0.00	53.25 2.15 0.00	44.52 1.63 0.00	38.60 1.41 0.00	37.27 1.36 0.00	37.61 1.45 0.00	37.41 1.37 0.00	37.73 1.45 0.00	38.69 1.70 0.00	41.74 1.95 0.00	47.43 2.34 0.00	55.75 2.95 0.00	64.81 3.49 0.00	57.48 2.85 -5.47	46.83 2.30 -3.48	40.57 1.93 -0.84	38.80 1.68 -2.04
SHOEMAKR_138KV_BK 111 55601	38.89 0.95 0.00	36.87 0.97 0.00	36.35 0.99 0.00	36.53 1.03 0.00	36.73 1.00 0.00	41.49 1.21 0.00	57.32 2.15 0.00	65.40 2.88 0.00	53.31 2.20 0.00	44.52 1.63 0.00	38.56 1.38 0.00	37.27 1.36 0.00	37.58 1.41 0.00	37.41 1.37 0.00	37.77 1.49 0.00	38.61 1.63 0.00	41.74 1.95 0.00	47.47 2.39 0.00	55.75 2.96 0.00	64.75 3.43 0.00	57.44 2.85 -5.43	46.81 2.30 -3.45	40.57 1.93 -0.83	38.72 1.61 -2.02
SHOREHAM_IC_1 23715	40.18 2.24 0.00	38.16 2.26 0.00	37.44 2.09 0.00	37.77 2.27 0.00	38.16 2.43 0.00	43.23 2.94 -0.01	59.75 4.58 -0.01	68.35 5.82 -0.01	55.62 4.50 -0.01	46.45 3.56 0.00	40.12 2.94 0.00	38.49 2.59 0.00	39.06 2.89 0.00	38.63 2.60 0.00	39.18 2.90 0.00	40.17 3.18 0.00	43.70 3.90 -0.01	51.94 4.96 -1.90	58.66 5.86 -0.01	78.33 6.74 -10.27	67.84 5.90 -12.78	56.13 4.84 -10.23	46.73 3.93 -4.99	40.79 3.44 -2.26
SHOREHAM_IC_2 23716	40.18 2.24 0.00	38.16 2.26 0.00	37.44 2.09 0.00	37.77 2.27 0.00	38.16 2.43 0.00	43.23 2.94 -0.01	59.75 4.58 -0.01	68.35 5.82 -0.01	55.62 4.50 -0.01	46.45 3.56 0.00	40.12 2.94 0.00	38.49 2.59 0.00	39.06 2.89 0.00	38.63 2.60 0.00	39.18 2.90 0.00	40.17 3.18 0.00	43.70 3.90 -0.01	51.94 4.96 -1.90	58.66 5.86 -0.01	78.33 6.74 -10.27	67.84 5.90 -12.78	56.13 4.84 -10.23	46.73 3.93 -4.99	40.79 3.44 -2.26
SISSONVILLE___ 23735	37.33 -0.61 0.00	35.36 -0.54 0.00	34.86 -0.49 0.00	35.04 -0.46 0.00	35.27 -0.46 0.00	39.88 -0.40 0.00	54.78 -0.39 0.00	61.96 -0.56 0.00	50.49 -0.61 0.00	42.34 -0.56 0.00	36.67 -0.52 0.00	35.15 -0.75 0.00	35.37 -0.80 0.00	35.24 -0.79 0.00	35.41 -0.87 0.00	36.06 -0.92 0.00	38.75 -1.03 0.00	43.96 -1.13 0.00	51.21 -1.58 0.00	59.48 -1.84 0.00	47.64 -1.52 0.00	39.58 -1.48 0.00	36.48 -1.32 0.00	33.99 -1.09 0.00
SITHE_IND_GS1 24169	37.22 -0.72 0.00	35.21 -0.68 0.00	34.61 -0.74 0.00	34.75 -0.75 0.00	34.95 -0.79 0.00	39.35 -0.92 0.00	53.68 -1.49 0.00	60.58 -1.94 0.00	49.47 -1.64 0.00	41.61 -1.29 0.00	36.11 -1.08 0.00	34.94 -0.97 0.00	35.19 -0.97 0.00	35.10 -0.94 0.00	35.30 -0.98 0.00	35.80 -1.19 0.00	38.48 -1.31 0.00	43.64 -1.44 0.00	51.21 -1.58 0.00	59.54 -1.78 0.00	48.08 -1.43 -0.35	40.13 -1.15 -0.22	36.92 -0.94 -0.05	34.41 -0.81 -0.13
SITHE_IND_GS2 24170	37.22 -0.72 0.00	35.21 -0.68 0.00	34.61 -0.74 0.00	34.75 -0.75 0.00	34.95 -0.79 0.00	39.35 -0.92 0.00	53.68 -1.49 0.00	60.58 -1.94 0.00	49.47 -1.64 0.00	41.61 -1.29 0.00	36.11 -1.08 0.00	34.94 -0.97 0.00	35.19 -0.97 0.00	35.10 -0.94 0.00	35.30 -0.98 0.00	35.80 -1.19 0.00	38.48 -1.31 0.00	43.64 -1.44 0.00	51.21 -1.58 0.00	59.54 -1.78 0.00	48.08 -1.43 -0.35	40.13 -1.15 -0.22	36.92 -0.94 -0.05	34.41 -0.81 -0.13
SITHE_IND_GS3 24171	37.22 -0.72 0.00	35.21 -0.68 0.00	34.61 -0.74 0.00	34.75 -0.75 0.00	34.95 -0.79 0.00	39.35 -0.92 0.00	53.68 -1.49 0.00	60.58 -1.94 0.00	49.47 -1.64 0.00	41.61 -1.29 0.00	36.11 -1.08 0.00	34.94 -0.97 0.00	35.19 -0.97 0.00	35.10 -0.94 0.00	35.30 -0.98 0.00	35.80 -1.19 0.00	38.48 -1.31 0.00	43.64 -1.44 0.00	51.21 -1.58 0.00	59.54 -1.78 0.00	48.08 -1.43 -0.35	40.13 -1.15 -0.22	36.92 -0.94 -0.05	34.41 -0.81 -0.13
SITHE_IND_GS4 24172	37.22 -0.72 0.00	35.21 -0.68 0.00	34.61 -0.74 0.00	34.75 -0.75 0.00	34.95 -0.79 0.00	39.35 -0.92 0.00	53.68 -1.49 0.00	60.58 -1.94 0.00	49.47 -1.64 0.00	41.61 -1.29 0.00	36.11 -1.08 0.00	34.94 -0.97 0.00	35.19 -0.97 0.00	35.10 -0.94 0.00	35.30 -0.98 0.00	35.80 -1.19 0.00	38.48 -1.31 0.00	43.64 -1.44 0.00	51.21 -1.58 0.00	59.54 -1.78 0.00	48.08 -1.43 -0.35	40.13 -1.15 -0.22	36.92 -0.94 -0.05	34.41 -0.81 -0.13

SITHE___BATAVIA 24024	37.98 0.04 0.00	35.68 -0.21 0.00	34.90 -0.46 0.00	34.97 -0.53 0.00	35.20 -0.54 0.00	39.43 -0.85 0.00	53.07 -2.10 0.00	58.83 -3.69 0.00	48.09 -3.02 0.00	41.05 -1.84 0.00	35.85 -1.34 0.00	34.83 -1.08 0.00	35.25 -0.90 0.01	35.41 -0.61 0.01	35.36 -0.91 0.01	35.69 -1.30 0.00	37.96 -1.83 0.00	42.57 -2.48 0.03	47.10 -2.69 3.00	52.22 -2.45 6.64	45.21 -2.06 1.89	39.37 -1.69 0.01	36.06 -1.81 -0.07	33.44 -1.79 -0.15
SITHE___INDEPEND 23800	37.22 -0.72 0.00	35.18 -0.72 0.00	34.61 -0.74 0.00	34.75 -0.75 0.00	34.95 -0.79 0.00	39.35 -0.93 0.00	53.68 -1.49 0.00	60.58 -1.94 0.00	49.42 -1.69 0.00	41.61 -1.29 0.00	36.11 -1.08 0.00	34.94 -0.97 0.00	35.22 -0.94 0.00	35.10 -0.94 0.00	35.30 -0.98 0.00	35.84 -1.15 0.00	38.52 -1.27 0.00	43.64 -1.44 0.00	51.21 -1.58 0.00	59.54 -1.78 0.00	48.08 -1.43 -0.35	40.13 -1.15 -0.22	36.95 -0.91 -0.05	34.44 -0.77 -0.13
SITHE___MASSENA 23902	38.28 0.34 0.00	36.22 0.32 0.00	35.71 0.35 0.00	35.82 0.32 0.00	36.05 0.32 0.00	40.68 0.40 0.00	55.78 0.61 0.00	63.08 0.56 0.00	51.52 0.41 0.00	43.28 0.39 0.00	37.52 0.33 0.00	36.09 0.18 0.00	36.31 0.15 0.00	36.18 0.14 0.00	36.39 0.11 0.00	37.10 0.11 0.00	39.87 0.08 0.00	45.13 0.05 0.00	52.48 -0.31 0.00	60.76 -0.55 0.00	48.87 -0.29 0.00	40.69 -0.37 0.00	37.50 -0.30 0.00	34.94 -0.14 0.00
SITHE___OGDNSBRG 24021	38.51 0.57 0.00	36.43 0.54 0.00	35.96 0.60 0.00	36.07 0.57 0.00	36.30 0.57 0.00	41.04 0.77 0.00	56.38 1.21 0.00	63.71 1.19 0.00	51.82 0.72 0.00	43.36 0.47 0.00	37.56 0.37 0.00	36.01 0.11 0.00	36.24 0.07 0.00	36.11 0.07 0.00	36.31 0.04 0.00	36.99 0.00 0.00	39.79 0.00 0.00	45.17 0.09 0.00	52.74 -0.05 0.00	61.32 0.00 0.00	49.11 -0.05 0.00	40.85 -0.21 0.00	37.66 -0.15 0.00	35.05 -0.04 0.00
SITHE___STERLING 23777	38.97 1.02 0.00	36.87 0.97 0.00	36.27 0.92 0.00	36.42 0.92 0.00	36.66 0.93 0.00	41.45 1.17 0.00	56.93 1.76 0.00	64.39 1.87 0.00	52.43 1.33 0.00	43.88 0.99 0.00	37.93 0.74 0.00	36.59 0.68 0.00	36.82 0.65 0.00	36.76 0.72 0.00	36.97 0.69 0.00	37.69 0.70 0.00	40.54 0.75 0.00	46.03 0.95 0.00	54.27 1.48 0.00	63.15 1.84 0.00	50.72 1.23 -0.33	42.29 1.03 -0.21	38.76 0.91 -0.05	35.97 0.77 -0.12
SLEIGHT__34_KV_TB1 80719	37.56 -0.38 0.00	35.36 -0.54 0.00	34.72 -0.64 0.00	34.86 -0.64 0.00	35.09 -0.64 0.00	39.47 -0.81 0.00	53.73 -1.43 0.00	60.46 -2.06 0.00	49.37 -1.74 0.00	41.82 -1.07 0.00	36.44 -0.74 0.00	35.30 -0.61 0.00	35.69 -0.47 0.00	35.64 -0.40 0.00	35.66 -0.62 0.00	36.28 -0.70 0.00	38.79 -0.99 0.00	43.73 -1.35 0.00	50.95 -1.37 0.47	58.79 -1.47 1.06	48.57 -1.18 -0.59	40.55 -0.94 -0.44	36.87 -1.02 -0.08	34.33 -0.95 -0.19
SOUTH CAIRO___GT 23612	39.38 1.44 0.00	37.44 1.54 0.00	36.91 1.56 0.00	37.10 1.60 0.00	37.34 1.61 0.00	42.21 1.93 0.00	58.20 3.03 0.00	66.02 3.50 0.00	53.41 2.30 0.00	44.39 1.50 0.00	38.12 0.93 0.00	36.73 0.83 0.00	37.03 0.87 0.00	36.97 0.94 0.00	37.44 1.16 0.00	38.43 1.44 0.00	41.58 1.79 0.00	47.43 2.34 0.00	56.12 3.33 0.00	65.48 4.17 0.00	58.77 2.56 -7.05	47.64 2.09 -4.49	40.51 1.63 -1.08	39.25 1.54 -2.63
SOUTH HAMPTN___IC 23720	40.29 2.35 0.00	38.26 2.37 0.00	37.55 2.19 0.00	37.91 2.42 0.00	38.31 2.57 0.00	43.39 3.10 -0.01	60.03 4.86 -0.01	68.72 6.19 -0.01	55.97 4.86 -0.01	46.80 3.90 0.00	40.38 3.20 0.00	38.78 2.87 0.00	39.38 3.22 0.00	38.92 2.88 0.00	39.43 3.15 0.00	40.43 3.44 0.00	43.94 4.14 -0.01	52.26 5.27 -1.90	58.98 6.17 -0.01	78.63 7.05 -10.26	67.93 6.00 -12.77	56.13 4.84 -10.22	46.73 3.93 -4.99	40.85 3.51 -2.26
SOUTHDOW_115KV_TB1 355954	38.43 0.49 0.00	35.90 0.00 0.00	35.07 -0.28 0.00	35.07 -0.43 0.00	35.41 -0.32 0.00	39.31 -0.97 0.00	53.40 -1.77 0.00	58.89 -3.63 0.00	47.58 -3.53 0.00	40.71 -2.19 0.00	35.40 -1.78 0.00	34.26 -1.65 0.00	34.07 -2.10 0.00	34.34 -1.69 0.00	34.57 -1.71 0.00	35.10 -1.89 0.00	37.08 -2.71 0.00	40.97 -4.10 0.01	46.20 -4.70 1.89	52.09 -5.03 4.20	45.47 -4.38 -0.68	38.04 -3.70 -0.67	34.63 -3.25 -0.07	32.01 -3.23 -0.15
SOUTHOLD_69_KV_BK 2 55809	40.26 2.31 0.00	38.27 2.37 0.00	37.48 2.12 0.00	37.91 2.41 0.00	38.34 2.61 0.00	43.51 3.22 -0.01	60.25 5.08 -0.01	68.97 6.44 -0.01	56.28 5.16 -0.01	46.97 4.07 0.00	40.53 3.35 0.00	39.00 3.09 0.00	39.64 3.47 0.00	39.17 3.14 0.00	39.65 3.37 0.00	40.80 3.81 0.00	44.10 4.30 -0.01	52.53 5.55 -1.90	59.14 6.34 -0.01	78.63 7.05 -10.26	67.83 5.90 -12.77	55.96 4.68 -10.22	46.46 3.67 -4.99	40.78 3.44 -2.26
SOUTHOLD___IC 23719	40.26 2.31 0.00	38.20 2.30 0.00	37.48 2.12 0.00	37.91 2.42 0.00	38.31 2.57 0.00	43.43 3.14 -0.01	60.20 5.02 -0.01	68.97 6.44 -0.01	56.23 5.11 -0.01	47.10 4.21 0.00	40.61 3.42 0.00	39.03 3.12 0.00	39.67 3.51 0.00	39.17 3.13 0.00	39.65 3.37 0.00	40.61 3.63 0.00	44.14 4.34 -0.01	52.53 5.54 -1.90	59.13 6.33 -0.01	78.69 7.11 -10.26	67.83 5.90 -12.77	55.96 4.68 -10.22	46.50 3.71 -4.99	40.75 3.40 -2.26
SOUTH_FORK_WT_PWR 323839	39.91 1.97 0.00	37.83 1.94 0.00	37.12 1.77 0.00	37.59 2.09 0.00	38.02 2.29 0.00	43.06 2.78 -0.01	59.75 4.58 -0.01	68.47 5.94 -0.01	55.97 4.86 -0.01	46.92 4.03 0.00	40.49 3.31 0.00	38.96 3.05 0.00	39.67 3.51 0.00	39.10 3.06 0.00	39.55 3.27 0.00	40.50 3.52 0.00	43.94 4.14 -0.01	52.35 5.36 -1.90	58.77 5.96 -0.01	78.08 6.50 -10.26	67.29 5.36 -12.77	55.43 4.15 -10.22	46.01 3.21 -4.99	40.40 3.05 -2.26
SPIERFLS_115KV_TB 1 80737	40.14 2.20 0.00	38.16 2.26 0.00	37.62 2.26 0.00	37.81 2.31 0.00	38.13 2.39 0.00	43.10 2.82 0.00	60.08 4.91 0.00	68.15 5.63 0.00	55.15 4.04 0.00	45.94 3.05 0.00	39.34 2.16 0.00	37.81 1.90 0.00	38.05 1.88 0.00	37.98 1.95 0.00	38.42 2.14 0.00	39.54 2.55 0.00	42.73 2.94 0.00	48.74 3.65 0.00	57.23 4.43 0.00	67.02 5.70 0.00	61.31 4.47 -7.68	49.51 3.57 -4.88	42.01 3.02 -1.17	40.54 2.60 -2.86
ST LAWRENCE____ 23600	37.87 -0.08 0.00	35.82 -0.07 0.00	35.32 -0.04 0.00	35.43 -0.07 0.00	35.66 -0.07 0.00	40.24 -0.04 0.00	55.11 -0.06 0.00	62.40 -0.12 0.00	51.06 -0.05 0.00	42.89 0.00 0.00	37.15 -0.04 0.00	35.80 -0.11 0.00	36.02 -0.14 0.00	35.86 -0.18 0.00	36.06 -0.22 0.00	36.80 -0.18 0.00	39.51 -0.28 0.00	44.72 -0.36 0.00	52.05 -0.74 0.00	60.27 -1.04 0.00	48.42 -0.74 0.00	40.36 -0.70 0.00	37.24 -0.57 0.00	34.66 -0.42 0.00
STATE_CA_115KV_115_LB 55624	38.51 0.57 0.00	36.58 0.68 0.00	36.06 0.71 0.00	36.21 0.71 0.00	36.45 0.71 0.00	41.08 0.81 0.00	56.49 1.32 0.00	64.40 1.88 0.00	52.54 1.43 0.00	43.92 1.03 0.00	38.00 0.82 0.00	36.70 0.79 0.00	36.96 0.80 0.00	36.83 0.79 0.00	37.26 0.98 0.00	38.13 1.15 0.00	41.10 1.31 0.00	46.71 1.62 0.00	54.90 2.11 0.00	63.83 2.51 0.00	58.69 2.02 -7.51	47.52 1.68 -4.78	40.35 1.40 -1.15	39.11 1.23 -2.80

STATE_ST_34_KV_LOAD 55959	38.17 0.23 0.00	36.08 0.18 0.00	35.46 0.11 0.00	35.57 0.07 0.00	35.84 0.11 0.00	40.36 0.08 0.00	55.28 0.11 0.00	62.40 -0.13 0.00	50.95 -0.15 0.00	42.85 -0.04 0.00	37.19 0.00 0.00	35.94 0.04 0.00	36.20 0.04 0.00	36.11 0.07 0.00	36.28 0.00 0.00	36.91 -0.07 0.00	39.71 -0.08 0.00	44.91 -0.18 0.00	53.43 0.05 -0.58	62.67 0.06 -1.29	50.01 0.00 -0.85	41.53 0.00 -0.47	37.95 0.00 -0.14	35.39 -0.04 -0.35
STATION_5_MISC_HYD 23604	37.49 -0.45 0.00	35.25 -0.65 0.00	34.54 -0.81 0.00	34.65 -0.85 0.00	34.87 -0.86 0.00	39.19 -1.09 0.00	52.96 -2.21 0.00	59.21 -3.32 0.00	48.50 -2.60 0.00	41.22 -1.67 0.00	35.96 -1.23 0.00	34.94 -0.97 0.00	35.40 -0.76 0.00	35.46 -0.58 0.00	35.45 -0.83 0.00	35.84 -1.15 0.00	38.24 -1.55 0.00	43.05 -2.03 0.00	49.72 -2.17 0.91	57.21 -2.08 2.02	48.01 -1.67 -0.52	40.11 -1.40 -0.45	36.36 -1.51 -0.07	33.82 -1.40 -0.15
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	38.09 0.15 0.00	35.86 -0.04 0.00	35.21 -0.14 0.00	35.36 -0.14 0.00	35.59 -0.14 0.00	40.08 -0.20 0.00	54.56 -0.61 0.00	61.46 -1.06 0.00	50.14 -0.97 0.00	42.42 -0.47 0.00	36.89 -0.30 0.00	35.66 -0.25 0.00	36.06 -0.11 0.00	36.00 -0.04 0.00	36.06 -0.22 0.00	36.69 -0.30 0.00	39.31 -0.48 0.00	44.31 -0.77 0.00	51.34 -0.74 0.71	58.94 -0.80 1.58	49.07 -0.64 -0.55	41.05 -0.45 -0.44	37.27 -0.60 -0.07	34.65 -0.60 -0.17
STA_56_34_KV_BUS2_REV_LBMP_B 345033	37.26 -0.68 0.00	35.00 -0.90 0.00	34.37 -0.99 0.00	34.47 -1.03 0.00	34.70 -1.04 0.00	38.95 -1.33 0.00	52.80 -2.37 0.00	59.14 -3.38 0.00	48.30 -2.81 0.00	41.18 -1.72 0.00	35.96 -1.23 0.00	34.87 -1.04 0.00	35.33 -0.83 0.00	35.32 -0.72 0.00	35.30 -0.98 0.00	35.84 -1.15 0.00	38.24 -1.55 0.00	43.01 -2.07 0.00	49.64 -2.27 0.89	56.95 -2.39 1.97	47.86 -1.82 -0.52	40.03 -1.48 -0.44	36.29 -1.59 -0.07	33.79 -1.44 -0.15
STA_56___34_KV_BUS2 355983	37.26 -0.68 0.00	35.00 -0.90 0.00	34.37 -0.99 0.00	34.47 -1.03 0.00	34.70 -1.04 0.00	38.95 -1.33 0.00	52.80 -2.37 0.00	59.14 -3.38 0.00	48.30 -2.81 0.00	41.18 -1.72 0.00	35.96 -1.23 0.00	34.87 -1.04 0.00	35.33 -0.83 0.00	35.32 -0.72 0.00	35.30 -0.98 0.00	35.84 -1.15 0.00	38.24 -1.55 0.00	43.01 -2.07 0.00	49.64 -2.27 0.89	56.95 -2.39 1.97	47.86 -1.82 -0.52	40.03 -1.48 -0.44	36.29 -1.59 -0.07	33.79 -1.44 -0.15
STA_67___115KV_BK2 355882	37.37 -0.57 0.00	35.07 -0.83 0.00	34.44 -0.92 0.00	34.54 -0.96 0.00	34.77 -0.96 0.00	38.99 -1.29 0.00	52.80 -2.37 0.00	59.08 -3.44 0.00	48.19 -2.91 0.00	41.18 -1.72 0.00	35.96 -1.23 0.00	34.87 -1.04 0.00	35.33 -0.83 0.00	35.35 -0.68 0.00	35.30 -0.98 0.00	35.88 -1.11 0.00	38.24 -1.55 0.00	42.96 -2.12 0.00	49.62 -2.27 0.91	56.91 -2.39 2.02	47.91 -1.77 -0.52	40.07 -1.44 -0.45	36.32 -1.55 -0.07	33.82 -1.40 -0.15
STA_7___115KV_9TRANS 80674	37.60 -0.34 0.00	35.29 -0.61 0.00	34.65 -0.71 0.00	34.75 -0.75 0.00	34.98 -0.75 0.00	39.23 -1.05 0.00	53.18 -1.99 0.00	59.52 -3.00 0.00	48.55 -2.56 0.00	41.48 -1.42 0.00	36.22 -0.97 0.00	35.12 -0.79 0.00	35.62 -0.54 0.00	35.64 -0.40 0.00	35.59 -0.69 0.00	36.14 -0.85 0.00	38.52 -1.27 0.00	43.28 -1.80 0.00	49.98 -1.90 0.91	57.33 -1.96 2.02	48.26 -1.43 -0.52	40.36 -1.15 -0.45	36.55 -1.32 -0.07	34.00 -1.23 -0.15
STA_82___115KV_TB1 80780	37.37 -0.57 0.00	35.07 -0.83 0.00	34.44 -0.92 0.00	34.54 -0.96 0.00	34.80 -0.93 0.00	38.99 -1.29 0.00	52.80 -2.37 0.00	59.08 -3.44 0.00	48.19 -2.91 0.00	41.18 -1.72 0.00	35.96 -1.23 0.00	34.87 -1.04 0.00	35.37 -0.80 0.00	35.35 -0.68 0.00	35.34 -0.94 0.00	35.88 -1.11 0.00	38.24 -1.55 0.00	42.96 -2.12 0.00	49.60 -2.27 0.92	56.88 -2.39 2.04	47.91 -1.77 -0.52	40.07 -1.44 -0.45	36.32 -1.55 -0.07	33.82 -1.40 -0.15
STEEL___WIND 323596	37.37 -0.57 0.00	35.00 -0.90 0.00	34.15 -1.20 0.00	34.19 -1.31 0.00	34.45 -1.28 0.00	38.39 -1.89 0.00	51.47 -3.70 0.00	56.58 -5.94 0.00	46.41 -4.70 0.00	39.89 -3.00 0.00	34.96 -2.23 0.00	34.11 -1.79 0.00	34.31 -1.84 0.02	34.51 -1.51 0.02	34.56 -1.70 0.02	34.77 -2.22 0.00	36.80 -2.98 0.00	40.90 -4.15 0.04	44.61 -4.70 3.48	48.64 -4.96 7.71	43.01 -4.13 2.02	37.61 -3.49 -0.04	34.78 -3.10 -0.08	32.26 -2.98 -0.16
STEPHTWN_115KV_BK_2 55603	38.78 0.83 0.00	36.83 0.93 0.00	36.31 0.95 0.00	36.46 0.96 0.00	36.73 1.00 0.00	41.41 1.13 0.00	56.99 1.82 0.00	64.90 2.38 0.00	52.90 1.79 0.00	44.18 1.29 0.00	38.15 0.97 0.00	36.84 0.93 0.00	37.11 0.94 0.00	36.97 0.94 0.00	37.40 1.12 0.00	38.32 1.33 0.00	41.30 1.51 0.00	47.02 1.94 0.00	55.27 2.48 0.00	64.32 3.00 0.00	58.93 2.36 -7.41	47.74 1.97 -4.71	40.60 1.66 -1.13	39.28 1.44 -2.76
STEUBEN_REC_LFGE 323667	38.66 0.72 0.00	36.33 0.43 0.00	35.57 0.21 0.00	35.57 0.07 0.00	35.80 0.07 0.00	40.04 -0.24 0.00	54.56 -0.61 0.00	60.65 -1.88 0.00	49.17 -1.94 0.00	41.22 -1.67 0.00	35.36 -1.82 0.00	33.97 -1.94 0.00	33.94 -2.28 -0.06	33.79 -2.31 -0.06	33.98 -2.36 -0.06	34.44 -2.55 0.00	36.77 -3.02 0.00	41.52 -3.65 -0.09	51.03 -3.91 -2.15	61.39 -4.60 -4.68	55.54 -3.83 -10.22	40.78 -3.20 -2.93	34.73 -3.02 0.05	31.97 -2.91 0.20
STILLWATER___SOLAR 323814	39.80 1.86 0.00	37.80 1.90 0.00	37.30 1.94 0.00	37.45 1.95 0.00	37.77 2.04 0.00	42.65 2.38 0.00	58.97 3.80 0.00	66.96 4.44 0.00	54.33 3.22 0.00	45.29 2.40 0.00	38.93 1.75 0.00	37.45 1.54 0.00	37.68 1.52 0.00	37.62 1.58 0.00	38.09 1.81 0.00	39.17 2.18 0.00	42.34 2.55 0.00	48.24 3.15 0.00	56.80 4.01 0.00	66.40 5.09 0.00	60.84 4.03 -7.64	49.21 3.29 -4.86	41.73 2.76 -1.17	40.28 2.35 -2.85
STONY___BROOK 24151	40.37 2.43 0.00	38.34 2.44 0.00	37.62 2.26 0.00	37.95 2.45 0.00	38.31 2.57 0.00	43.35 3.06 -0.01	59.92 4.75 -0.01	68.59 6.06 -0.01	55.87 4.75 -0.01	46.67 3.78 0.00	40.31 3.12 0.00	38.67 2.77 0.00	39.24 3.07 0.00	38.81 2.78 0.00	39.40 3.12 0.00	40.43 3.44 0.00	43.94 4.14 -0.01	52.08 5.09 -1.90	58.87 6.07 -0.01	78.41 6.81 -10.29	67.70 5.75 -12.79	56.14 4.84 -10.24	46.89 4.08 -5.00	40.93 3.58 -2.26
STURGEON_POOL_HYD 23609	39.19 1.25 0.00	37.19 1.29 0.00	36.63 1.27 0.00	36.85 1.35 0.00	37.02 1.29 0.00	41.85 1.57 0.00	57.98 2.81 0.00	66.21 3.69 0.00	53.97 2.86 0.00	44.99 2.10 0.00	38.97 1.78 0.00	37.67 1.76 0.00	38.01 1.84 0.00	37.80 1.77 0.00	38.20 1.92 0.00	39.10 2.11 0.00	42.26 2.47 0.00	48.10 3.02 0.00	56.54 3.75 0.00	65.67 4.35 0.00	58.62 3.29 -6.17	47.61 2.63 -3.92	40.91 2.16 -0.94	39.20 1.82 -2.30
ST_LAW_115_BK7_LBMP 345037	37.87 -0.08 0.00	35.82 -0.07 0.00	35.32 -0.04 0.00	35.43 -0.07 0.00	35.66 -0.07 0.00	40.24 -0.04 0.00	55.11 -0.06 0.00	62.40 -0.12 0.00	51.06 -0.05 0.00	42.89 0.00 0.00	37.15 -0.04 0.00	35.76 -0.14 0.00	35.99 -0.18 0.00	35.86 -0.18 0.00	36.06 -0.22 0.00	36.77 -0.22 0.00	39.51 -0.28 0.00	44.72 -0.36 0.00	52.05 -0.74 0.00	60.21 -1.10 0.00	48.37 -0.79 0.00	40.36 -0.70 0.00	37.20 -0.61 0.00	34.66 -0.42 0.00

ST_LAW_115_BK8_LBMP 345038	37.87 -0.08 0.00	35.82 -0.07 0.00	35.32 -0.04 0.00	35.43 -0.07 0.00	35.66 -0.07 0.00	40.24 -0.04 0.00	55.11 -0.06 0.00	62.40 -0.12 0.00	51.06 -0.05 0.00	42.89 0.00 0.00	37.15 -0.04 0.00	35.76 -0.14 0.00	35.99 -0.18 0.00	35.86 -0.18 0.00	36.06 -0.22 0.00	36.77 -0.22 0.00	39.51 -0.28 0.00	44.72 -0.36 0.00	52.05 -0.74 0.00	60.21 -1.10 0.00	48.37 -0.79 0.00	40.36 -0.70 0.00	37.20 -0.61 0.00	34.66 -0.42 0.00
ST_LAW_230_BK5_LBMP 345035	37.87 -0.08 0.00	35.82 -0.07 0.00	35.32 -0.04 0.00	35.43 -0.07 0.00	35.66 -0.07 0.00	40.24 -0.04 0.00	55.11 -0.06 0.00	62.40 -0.12 0.00	51.06 -0.05 0.00	42.89 0.00 0.00	37.15 -0.04 0.00	35.80 -0.11 0.00	36.02 -0.14 0.00	35.86 -0.18 0.00	36.06 -0.22 0.00	36.80 -0.18 0.00	39.51 -0.28 0.00	44.72 -0.36 0.00	52.05 -0.74 0.00	60.27 -1.04 0.00	48.42 -0.74 0.00	40.36 -0.70 0.00	37.24 -0.57 0.00	34.66 -0.42 0.00
ST_LAW_230_BK6_LBMP 345036	37.87 -0.08 0.00	35.82 -0.07 0.00	35.32 -0.04 0.00	35.43 -0.07 0.00	35.66 -0.07 0.00	40.24 -0.04 0.00	55.11 -0.06 0.00	62.40 -0.12 0.00	51.06 -0.05 0.00	42.89 0.00 0.00	37.15 -0.04 0.00	35.80 -0.11 0.00	36.02 -0.14 0.00	35.86 -0.18 0.00	36.06 -0.22 0.00	36.80 -0.18 0.00	39.51 -0.28 0.00	44.72 -0.36 0.00	52.05 -0.74 0.00	60.27 -1.04 0.00	48.42 -0.74 0.00	40.36 -0.70 0.00	37.24 -0.57 0.00	34.66 -0.42 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	38.97 1.02 0.00	36.97 1.08 0.00	36.45 1.10 0.00	36.63 1.14 0.00	36.84 1.11 0.00	41.61 1.33 0.00	57.60 2.43 0.00	65.77 3.25 0.00	53.61 2.50 0.00	44.78 1.89 0.00	38.79 1.60 0.00	37.49 1.58 0.00	37.83 1.66 0.00	37.62 1.59 0.00	37.98 1.71 0.00	38.87 1.89 0.00	42.02 2.23 0.00	47.79 2.71 0.00	56.12 3.33 0.00	65.24 3.92 0.00	57.94 3.20 -5.59	47.20 2.59 -3.55	40.82 2.16 -0.85	38.95 1.79 -2.08
SWANROAD_115KV_TB1 355699	36.35 -1.59 0.00	34.07 -1.83 0.00	33.41 -1.94 0.00	33.44 -2.06 0.00	33.73 -2.00 0.00	37.30 -2.98 0.00	49.93 -5.24 0.00	54.89 -7.63 0.00	44.82 -6.29 0.00	38.90 -3.99 0.00	34.14 -3.05 0.00	33.25 -2.66 0.00	33.61 -2.53 0.02	33.71 -2.31 0.02	33.65 -2.61 0.02	34.18 -2.81 0.00	36.05 -3.74 0.00	40.08 -4.96 0.04	43.16 -5.70 3.93	46.48 -6.13 8.71	41.54 -4.77 2.85	36.91 -3.98 0.17	34.25 -3.63 -0.07	31.87 -3.37 -0.15
SYNERGY___BIOGAS 323694	37.98 0.04 0.00	35.68 -0.21 0.00	34.90 -0.46 0.00	34.97 -0.53 0.00	35.20 -0.54 0.00	39.43 -0.85 0.00	53.07 -2.10 0.00	58.83 -3.69 0.00	48.09 -3.02 0.00	41.05 -1.84 0.00	35.85 -1.34 0.00	34.83 -1.08 0.00	35.25 -0.90 0.01	35.41 -0.61 0.01	35.36 -0.91 0.01	35.69 -1.30 0.00	37.96 -1.83 0.00	42.57 -2.48 0.03	47.10 -2.69 3.00	52.22 -2.45 6.64	45.21 -2.06 1.89	39.37 -1.69 0.01	36.06 -1.81 -0.07	33.44 -1.79 -0.15
SYRACUSE___ENERGY_ST1 323597	38.13 0.19 0.00	36.04 0.14 0.00	35.43 0.07 0.00	35.57 0.07 0.00	35.80 0.07 0.00	40.32 0.04 0.00	55.06 -0.11 0.00	62.21 -0.31 0.00	50.90 -0.20 0.00	42.76 -0.13 0.00	37.15 -0.04 0.00	35.91 0.00 0.00	36.20 0.04 0.00	36.07 0.04 0.00	36.24 -0.04 0.00	36.91 -0.07 0.00	39.67 -0.12 0.00	44.86 -0.23 0.00	52.74 -0.05 0.00	61.19 -0.12 0.00	49.59 -0.15 -0.58	41.35 -0.08 -0.37	37.90 0.00 -0.09	35.30 0.00 -0.22
SYRACUSE___ENERGY_ST2 323598	38.13 0.19 0.00	36.04 0.14 0.00	35.43 0.07 0.00	35.57 0.07 0.00	35.80 0.07 0.00	40.32 0.04 0.00	55.06 -0.11 0.00	62.21 -0.31 0.00	50.90 -0.20 0.00	42.76 -0.13 0.00	37.15 -0.04 0.00	35.91 0.00 0.00	36.20 0.04 0.00	36.07 0.04 0.00	36.24 -0.04 0.00	36.91 -0.07 0.00	39.67 -0.12 0.00	44.86 -0.23 0.00	52.74 -0.05 0.00	61.19 -0.12 0.00	49.59 -0.15 -0.58	41.35 -0.08 -0.37	37.90 0.00 -0.09	35.30 0.00 -0.22
SYRACUSE___POWER 24017	38.02 0.08 0.00	35.93 0.04 0.00	35.32 -0.04 0.00	35.46 -0.04 0.00	35.70 -0.04 0.00	40.20 -0.08 0.00	54.95 -0.22 0.00	62.08 -0.44 0.00	50.75 -0.36 0.00	42.68 -0.21 0.00	37.04 -0.15 0.00	35.84 -0.07 0.00	36.09 -0.07 0.00	36.00 -0.04 0.00	36.17 -0.11 0.00	36.84 -0.15 0.00	39.59 -0.20 0.00	44.82 -0.27 0.00	53.03 -0.16 -0.40	62.01 -0.18 -0.88	49.65 -0.20 -0.69	41.32 -0.12 -0.39	37.84 -0.08 -0.11	35.29 -0.07 -0.28
TALLMAN___138KV_BK151 55660	39.12 1.18 0.00	37.12 1.22 0.00	36.59 1.24 0.00	36.78 1.28 0.00	36.98 1.25 0.00	41.77 1.49 0.00	57.93 2.76 0.00	66.27 3.75 0.00	54.02 2.91 0.00	45.08 2.19 0.00	39.08 1.90 0.00	37.77 1.87 0.00	38.12 1.95 0.00	37.95 1.91 0.00	38.31 2.03 0.00	39.21 2.22 0.00	42.34 2.55 0.00	48.19 3.11 0.00	56.54 3.75 0.00	65.73 4.41 0.00	58.49 3.59 -5.74	47.63 2.92 -3.65	41.11 2.42 -0.88	39.26 2.03 -2.14
TEALLAVE_115KV_TB7 355573	37.86 -0.08 0.00	35.79 -0.11 0.00	35.21 -0.14 0.00	35.36 -0.14 0.00	35.59 -0.14 0.00	40.08 -0.20 0.00	54.73 -0.44 0.00	61.90 -0.63 0.00	50.55 -0.56 0.00	42.55 -0.34 0.00	36.96 -0.22 0.00	35.73 -0.18 0.00	36.02 -0.14 0.00	35.93 -0.11 0.00	36.10 -0.18 0.00	36.73 -0.26 0.00	39.47 -0.32 0.00	44.63 -0.45 0.00	52.42 -0.37 0.00	60.89 -0.43 0.00	49.27 -0.39 -0.50	41.09 -0.29 -0.32	37.66 -0.23 -0.08	35.09 -0.18 -0.19
TELGRAPH_34_KV_EAST 80808	37.14 -0.80 0.00	34.78 -1.11 0.00	34.12 -1.24 0.00	34.18 -1.31 0.00	34.41 -1.32 0.00	38.26 -2.01 0.00	51.47 -3.70 0.00	56.89 -5.63 0.00	46.36 -4.75 0.00	40.02 -2.87 0.00	35.07 -2.12 0.00	34.08 -1.83 0.00	34.45 -1.70 0.02	34.58 -1.44 0.02	34.48 -1.78 0.02	35.03 -1.96 0.00	37.08 -2.71 0.00	41.30 -3.74 0.04	44.94 -4.22 3.63	48.80 -4.48 8.04	43.13 -3.44 2.59	38.05 -2.87 0.13	35.16 -2.72 -0.07	32.67 -2.56 -0.15
TEMPLE___115KV_TB 2 55572	37.90 -0.04 0.00	35.82 -0.07 0.00	35.25 -0.11 0.00	35.36 -0.14 0.00	35.63 -0.11 0.00	40.12 -0.16 0.00	54.78 -0.39 0.00	61.90 -0.63 0.00	50.60 -0.51 0.00	42.59 -0.30 0.00	37.00 -0.19 0.00	35.76 -0.14 0.00	36.06 -0.11 0.00	35.93 -0.11 0.00	36.13 -0.15 0.00	36.77 -0.22 0.00	39.47 -0.32 0.00	44.68 -0.41 0.00	52.48 -0.32 0.00	60.95 -0.37 0.00	49.33 -0.34 -0.51	41.14 -0.25 -0.33	37.70 -0.19 -0.08	35.13 -0.14 -0.19
TIANA____69_KV_BK 1 55817	40.33 2.39 0.00	38.37 2.48 0.00	37.58 2.23 0.00	37.95 2.45 0.00	38.34 2.61 0.00	43.47 3.18 -0.01	60.09 4.91 -0.01	68.72 6.19 -0.01	55.97 4.86 -0.01	46.62 3.73 0.00	40.24 3.05 0.00	38.67 2.76 0.00	39.24 3.07 0.00	38.85 2.81 0.00	39.40 3.12 0.00	40.58 3.59 0.00	43.90 4.10 -0.01	52.21 5.23 -1.90	58.93 6.12 -0.01	78.57 6.99 -10.26	67.98 6.05 -12.77	56.21 4.93 -10.22	46.77 3.97 -4.99	40.89 3.54 -2.26
TILDEN___115KV_TB1 80814	38.02 0.08 0.00	35.93 0.04 0.00	35.32 -0.04 0.00	35.46 -0.04 0.00	35.70 -0.04 0.00	40.20 -0.08 0.00	54.95 -0.22 0.00	62.08 -0.44 0.00	50.75 -0.36 0.00	42.68 -0.21 0.00	37.04 -0.15 0.00	35.84 -0.07 0.00	36.09 -0.07 0.00	36.00 -0.04 0.00	36.17 -0.11 0.00	36.84 -0.15 0.00	39.59 -0.20 0.00	44.82 -0.27 0.00	53.03 -0.16 -0.40	62.01 -0.18 -0.88	49.65 -0.20 -0.69	41.32 -0.12 -0.39	37.84 -0.08 -0.11	35.29 -0.07 -0.28

TRIGEN___CC 323695	39.84 1.90 0.00	37.83 1.94 0.00	37.19 1.84 0.00	37.42 1.92 0.00	37.73 2.00 0.00	42.55 2.26 -0.02	58.94 3.75 -0.02	67.41 4.88 -0.02	55.06 3.94 -0.02	45.94 3.05 0.00	39.75 2.57 0.00	38.31 2.41 0.00	38.73 2.57 0.00	38.45 2.41 0.00	38.96 2.68 0.00	39.98 3.00 0.00	43.23 3.42 -0.02	52.37 3.97 -3.32	57.51 4.70 -0.02	84.59 5.33 -17.94	71.39 4.42 -17.80	59.71 3.65 -14.99	49.01 3.18 -8.03	40.12 2.77 -2.27
TRINITY___115KV___4 BK 55933	38.40 0.46 0.00	36.43 0.54 0.00	35.96 0.60 0.00	36.10 0.60 0.00	36.34 0.61 0.00	40.96 0.68 0.00	56.27 1.10 0.00	64.21 1.69 0.00	52.39 1.28 0.00	43.79 0.90 0.00	37.89 0.71 0.00	36.59 0.68 0.00	36.89 0.72 0.00	36.76 0.72 0.00	37.15 0.87 0.00	38.02 1.04 0.00	40.98 1.19 0.00	46.62 1.53 0.00	54.80 2.01 0.00	63.71 2.39 0.00	58.50 1.92 -7.43	47.38 1.60 -4.72	40.27 1.32 -1.13	39.01 1.16 -2.77
UNION___PROCESSING_DRP 323587	37.41 -0.53 0.00	35.07 -0.83 0.00	34.44 -0.92 0.00	34.54 -0.96 0.00	34.80 -0.93 0.00	38.99 -1.29 0.00	52.85 -2.32 0.00	59.08 -3.44 0.00	48.25 -2.86 0.00	41.18 -1.72 0.00	35.96 -1.23 0.00	34.90 -1.01 0.00	35.37 -0.80 0.00	35.39 -0.65 0.00	35.34 -0.94 0.00	35.88 -1.11 0.00	38.24 -1.55 0.00	43.01 -2.07 0.00	49.60 -2.27 0.92	56.94 -2.33 2.04	47.92 -1.77 -0.52	40.07 -1.44 -0.45	36.32 -1.55 -0.07	33.82 -1.40 -0.15
UPPER HUDSON___HYD 24058	40.10 2.16 0.00	38.12 2.23 0.00	37.62 2.26 0.00	37.77 2.27 0.00	38.13 2.39 0.00	43.10 2.82 0.00	60.08 4.91 0.00	68.15 5.63 0.00	55.14 4.04 0.00	45.94 3.05 0.00	39.38 2.19 0.00	37.81 1.90 0.00	38.01 1.84 0.00	37.98 1.94 0.00	38.42 2.14 0.00	39.54 2.55 0.00	42.73 2.94 0.00	48.78 3.70 0.00	57.23 4.44 0.00	67.02 5.70 0.00	61.34 4.47 -7.70	49.53 3.57 -4.90	42.01 3.03 -1.18	40.55 2.60 -2.87
UPPER RAQUET___HYD 24056	37.33 -0.61 0.00	35.36 -0.54 0.00	34.86 -0.50 0.00	35.04 -0.46 0.00	35.27 -0.47 0.00	39.88 -0.40 0.00	54.78 -0.38 0.00	61.96 -0.56 0.00	50.50 -0.61 0.00	42.33 -0.56 0.00	36.63 -0.56 0.00	35.15 -0.76 0.00	35.37 -0.80 0.00	35.24 -0.79 0.00	35.41 -0.87 0.00	36.06 -0.92 0.00	38.80 -0.99 0.00	43.96 -1.13 0.00	51.21 -1.58 0.00	59.29 -2.02 0.00	47.64 -1.52 0.00	39.58 -1.48 0.00	36.48 -1.32 0.00	33.99 -1.09 0.00
VALLEY44_115KV_TB2 355964	37.14 -0.80 0.00	34.82 -1.08 0.00	34.12 -1.24 0.00	34.15 -1.35 0.00	34.41 -1.32 0.00	38.26 -2.01 0.00	52.24 -2.92 0.00	57.77 -4.75 0.00	46.66 -4.45 0.00	39.89 -3.00 0.00	34.81 -2.38 0.00	33.75 -2.15 0.00	33.13 -3.04 0.00	33.37 -2.67 0.00	33.96 -2.32 0.00	34.66 -2.33 0.00	36.84 -2.94 0.00	40.70 -4.37 0.01	45.68 -5.07 2.05	51.12 -5.64 4.55	44.85 -5.01 -0.70	37.54 -4.23 -0.71	34.44 -3.44 -0.07	31.66 -3.58 -0.15
VALLEY___115KV_TB 1-4 80826	38.40 0.46 0.00	36.33 0.43 0.00	35.85 0.49 0.00	36.03 0.53 0.00	36.27 0.54 0.00	40.96 0.68 0.00	56.22 1.05 0.00	63.65 1.13 0.00	51.62 0.51 0.00	42.98 0.09 0.00	36.93 -0.26 0.00	35.48 -0.43 0.00	35.59 -0.58 0.00	35.39 -0.65 0.00	35.55 -0.73 0.00	36.21 -0.78 0.00	38.91 -0.88 0.00	44.14 -0.95 0.00	51.90 -0.90 0.00	60.33 -0.98 0.00	48.32 -0.84 0.00	40.36 -0.70 0.00	37.16 -0.64 0.00	34.38 -0.70 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	39.69 1.75 0.00	37.58 1.69 0.00	37.02 1.66 0.00	37.17 1.67 0.00	37.38 1.64 0.00	42.21 1.93 0.00	58.20 3.03 0.00	66.15 3.63 0.00	53.92 2.81 0.00	45.08 2.19 0.00	38.90 1.71 0.00	37.56 1.65 0.00	37.83 1.66 0.00	37.77 1.73 0.00	38.02 1.74 0.00	38.80 1.81 0.00	41.78 1.99 0.00	47.47 2.39 0.00	55.86 3.06 0.00	64.93 3.62 0.00	54.42 2.75 -2.51	44.92 2.26 -1.60	40.20 2.00 -0.38	37.70 1.68 -0.94
VISCHER___FERRY HYD 24020	39.04 1.10 0.00	37.04 1.15 0.00	36.59 1.24 0.00	36.71 1.21 0.00	37.02 1.28 0.00	41.77 1.49 0.00	57.59 2.42 0.00	65.65 3.12 0.00	53.41 2.30 0.00	44.61 1.72 0.00	38.52 1.34 0.00	37.16 1.26 0.00	37.40 1.23 0.00	37.30 1.26 0.00	37.73 1.45 0.00	38.73 1.74 0.00	41.82 2.03 0.00	47.61 2.52 0.00	56.01 3.22 0.00	65.24 3.93 0.00	59.85 3.15 -7.54	48.49 2.63 -4.80	41.15 2.19 -1.15	39.71 1.82 -2.81
V_A_10_SYNC_DSASP 323832	36.76 -1.18 0.00	34.50 -1.40 0.00	33.73 -1.63 0.00	33.80 -1.70 0.00	34.05 -1.68 0.00	38.02 -2.25 0.00	51.09 -4.08 0.00	56.52 -6.00 0.00	46.41 -4.70 0.00	39.76 -3.13 0.00	34.81 -2.38 0.00	33.97 -1.94 0.00	34.38 -1.77 0.01	34.47 -1.55 0.01	34.42 -1.85 0.01	34.69 -2.29 0.00	36.92 -2.87 0.00	41.31 -3.74 0.03	45.76 -4.12 2.92	50.75 -4.11 6.46	44.02 -3.29 1.85	38.26 -2.79 0.01	35.12 -2.76 -0.07	32.74 -2.49 -0.15
V_CMM_10_SYNC_DSASP 323787	38.09 0.15 0.00	36.04 0.14 0.00	35.53 0.18 0.00	35.64 0.14 0.00	35.88 0.14 0.00	40.48 0.20 0.00	55.45 0.28 0.00	62.77 0.25 0.00	51.31 0.21 0.00	43.11 0.22 0.00	37.37 0.19 0.00	35.98 0.07 0.00	36.20 0.04 0.00	36.07 0.04 0.00	36.28 0.00 0.00	36.99 0.00 0.00	39.71 -0.08 0.00	44.95 -0.13 0.00	52.27 -0.53 0.00	60.52 -0.80 0.00	48.67 -0.49 0.00	40.53 -0.53 0.00	37.39 -0.42 0.00	34.84 -0.24 0.00
V_CMP_10_SYNC_DSASP 323788	38.40 0.46 0.00	36.44 0.54 0.00	35.96 0.60 0.00	36.10 0.60 0.00	36.34 0.61 0.00	41.04 0.76 0.00	56.38 1.21 0.00	63.08 0.56 0.00	51.92 0.82 0.00	43.58 0.68 0.00	37.74 0.56 0.00	36.23 0.32 0.00	36.42 0.25 0.00	36.22 0.18 0.00	36.35 0.07 0.00	37.02 0.04 0.00	39.79 0.00 0.00	44.99 -0.09 0.00	52.11 -0.69 0.00	59.41 -1.90 0.00	48.08 -1.08 0.00	39.87 -1.19 0.00	36.67 -1.13 0.00	34.41 -0.67 0.00
V_D_10_SYNC_DSASP 323841	38.28 0.34 0.00	36.22 0.32 0.00	35.71 0.35 0.00	35.82 0.32 0.00	36.05 0.32 0.00	40.68 0.40 0.00	55.78 0.61 0.00	63.08 0.56 0.00	51.52 0.41 0.00	43.28 0.39 0.00	37.52 0.33 0.00	36.09 0.18 0.00	36.31 0.15 0.00	36.22 0.18 0.00	36.39 0.11 0.00	37.10 0.11 0.00	39.87 0.08 0.00	45.13 0.05 0.00	52.48 -0.31 0.00	60.76 -0.55 0.00	48.87 -0.29 0.00	40.69 -0.37 0.00	37.50 -0.30 0.00	34.94 -0.14 0.00
V_E_10_SYNC_DSASP 323830	41.13 3.19 0.00	38.95 3.05 0.00	38.29 2.93 0.00	38.48 2.98 0.00	38.66 2.93 0.00	43.74 3.46 0.00	60.47 5.30 0.00	68.08 5.56 0.00	54.99 3.88 0.00	45.64 2.75 0.00	39.04 1.86 0.00	37.52 1.62 0.00	37.69 1.52 0.00	37.66 1.62 0.00	37.77 1.49 0.00	38.43 1.44 0.00	41.38 1.59 0.00	47.09 1.98 -0.02	58.84 3.01 -3.04	71.67 3.62 -6.74	54.55 2.26 -3.13	44.15 1.76 -1.33	39.75 1.55 -0.39	37.40 1.33 -0.98
V_F_30_NSYNC___DSASP 323816	39.87 1.93 0.00	37.87 1.97 0.00	37.37 2.01 0.00	37.52 2.02 0.00	37.88 2.14 0.00	42.74 2.46 0.00	59.09 3.92 0.00	67.15 4.63 0.00	54.43 3.32 0.00	45.38 2.49 0.00	39.04 1.86 0.00	37.56 1.65 0.00	37.79 1.63 0.00	37.73 1.69 0.00	38.16 1.89 0.00	39.24 2.26 0.00	42.41 2.63 0.00	48.33 3.25 0.00	56.91 4.12 0.00	66.52 5.21 0.00	60.90 4.08 -7.66	49.25 3.32 -4.87	41.81 2.84 -1.17	40.35 2.42 -2.85

V_F_30_SYNC_DSASP 323786	38.51 0.57 0.00	36.58 0.68 0.00	36.06 0.71 0.00	36.21 0.71 0.00	36.45 0.71 0.00	41.08 0.81 0.00	56.49 1.32 0.00	64.40 1.88 0.00	52.54 1.43 0.00	43.92 1.03 0.00	38.00 0.82 0.00	36.70 0.79 0.00	36.96 0.80 0.00	36.83 0.79 0.00	37.26 0.98 0.00	38.13 1.15 0.00	41.10 1.31 0.00	46.71 1.62 0.00	54.90 2.11 0.00	63.83 2.51 0.00	58.68 2.02 -7.50	47.52 1.68 -4.77	40.35 1.40 -1.15	39.11 1.23 -2.80
V_XM_10_SYNC_DSASP 323789	38.40 0.46 0.00	36.44 0.54 0.00	35.96 0.60 0.00	36.10 0.60 0.00	36.34 0.61 0.00	41.04 0.76 0.00	56.38 1.21 0.00	63.08 0.56 0.00	51.92 0.82 0.00	43.58 0.68 0.00	37.74 0.56 0.00	36.23 0.32 0.00	36.42 0.25 0.00	36.22 0.18 0.00	36.35 0.07 0.00	37.02 0.04 0.00	39.79 0.00 0.00	44.99 -0.09 0.00	52.11 -0.69 0.00	59.41 -1.90 0.00	48.08 -1.08 0.00	39.87 -1.19 0.00	36.67 -1.13 0.00	34.41 -0.67 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.23 1.29 0.00	37.22 1.33 0.00	36.70 1.34 0.00	36.88 1.38 0.00	37.09 1.36 0.00	42.05 1.77 0.00	58.37 3.20 0.00	66.71 4.19 0.00	54.38 3.27 0.00	45.38 2.49 0.00	39.31 2.12 0.00	37.99 2.08 0.00	38.34 2.17 0.00	38.16 2.13 0.00	38.56 2.29 0.00	39.47 2.48 0.00	42.49 2.71 0.00	48.33 3.25 0.00	56.70 3.91 0.00	65.91 4.60 0.00	58.74 3.79 -5.80	47.78 3.04 -3.69	41.23 2.53 -0.89	39.38 2.14 -2.16
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	39.53 1.59 0.00	37.55 1.65 0.00	36.98 1.63 0.00	37.17 1.67 0.00	37.38 1.64 0.00	42.21 1.93 0.00	58.70 3.53 0.00	67.27 4.75 0.00	54.99 3.88 0.00	45.81 2.92 0.00	39.79 2.60 0.00	38.49 2.59 0.00	38.84 2.68 0.00	38.63 2.59 0.00	38.96 2.68 0.00	39.87 2.89 0.00	43.13 3.34 0.00	49.10 4.01 0.00	57.54 4.75 0.00	66.77 5.46 0.00	59.68 4.47 -6.05	48.52 3.61 -3.85	41.79 3.06 -0.92	39.93 2.60 -2.25
W50THST__13_KV_LOAD 356117	39.69 1.75 0.00	37.69 1.79 0.00	37.12 1.77 0.00	37.31 1.81 0.00	37.52 1.79 0.00	42.37 2.09 0.00	59.03 3.86 0.00	67.65 5.13 0.00	55.30 4.19 0.00	46.11 3.22 0.00	40.01 2.83 0.00	38.71 2.80 0.00	39.06 2.89 0.00	38.85 2.81 0.00	39.18 2.90 0.00	40.09 3.11 0.00	43.37 3.58 0.00	49.41 4.33 0.00	57.86 5.07 0.00	67.14 5.82 0.00	59.98 4.77 -6.05	48.73 3.82 -3.85	41.95 3.21 -0.92	40.07 2.74 -2.25
WADING RIVER_IC_1 23522	40.18 2.24 0.00	38.12 2.23 0.00	37.41 2.05 0.00	37.77 2.27 0.00	38.13 2.39 0.00	43.19 2.90 -0.01	59.70 4.52 -0.01	68.28 5.75 -0.01	55.56 4.44 -0.01	46.45 3.56 0.00	40.12 2.94 0.00	38.49 2.59 0.00	39.06 2.89 0.00	38.63 2.60 0.00	39.14 2.87 0.00	40.17 3.18 0.00	43.70 3.90 -0.01	51.90 4.91 -1.90	58.61 5.81 -0.01	78.26 6.68 -10.26	67.78 5.85 -12.77	56.08 4.80 -10.22	46.69 3.90 -4.99	40.75 3.40 -2.26
WADING RIVER_IC_2 23547	40.18 2.24 0.00	38.12 2.23 0.00	37.41 2.05 0.00	37.77 2.27 0.00	38.13 2.39 0.00	43.19 2.90 -0.01	59.70 4.52 -0.01	68.28 5.75 -0.01	55.56 4.44 -0.01	46.45 3.56 0.00	40.12 2.94 0.00	38.49 2.59 0.00	39.06 2.89 0.00	38.63 2.60 0.00	39.14 2.87 0.00	40.17 3.18 0.00	43.70 3.90 -0.01	51.90 4.91 -1.90	58.61 5.81 -0.01	78.26 6.68 -10.26	67.78 5.85 -12.77	56.08 4.80 -10.22	46.69 3.90 -4.99	40.75 3.40 -2.26
WADING RIVER_IC_3 23601	40.18 2.24 0.00	38.12 2.23 0.00	37.41 2.05 0.00	37.77 2.27 0.00	38.13 2.39 0.00	43.19 2.90 -0.01	59.70 4.52 -0.01	68.28 5.75 -0.01	55.56 4.44 -0.01	46.45 3.56 0.00	40.12 2.94 0.00	38.49 2.59 0.00	39.06 2.89 0.00	38.63 2.60 0.00	39.14 2.87 0.00	40.17 3.18 0.00	43.70 3.90 -0.01	51.90 4.91 -1.90	58.61 5.81 -0.01	78.26 6.68 -10.26	67.78 5.85 -12.77	56.08 4.80 -10.22	46.69 3.90 -4.99	40.75 3.40 -2.26
WALDENNY_12_KV_BK2 80841	37.30 -0.64 0.00	34.86 -1.04 0.00	34.12 -1.24 0.00	34.15 -1.35 0.00	34.45 -1.29 0.00	38.22 -2.05 0.00	51.42 -3.75 0.00	56.58 -5.94 0.00	46.20 -4.91 0.00	40.02 -2.87 0.00	35.10 -2.08 0.00	34.18 -1.72 0.00	34.41 -1.74 0.02	34.58 -1.44 0.02	34.56 -1.71 0.02	35.03 -1.96 0.00	36.96 -2.83 0.00	40.94 -4.10 0.04	44.62 -4.65 3.53	48.53 -4.97 7.82	43.07 -3.98 2.11	37.71 -3.37 -0.02	34.90 -2.99 -0.07	32.37 -2.88 -0.16
WALDEN__HYDRO 24148	39.15 1.21 0.00	37.15 1.26 0.00	36.63 1.27 0.00	36.81 1.31 0.00	37.02 1.29 0.00	41.81 1.53 0.00	57.93 2.76 0.00	66.15 3.63 0.00	53.92 2.81 0.00	44.95 2.06 0.00	38.90 1.71 0.00	37.63 1.72 0.00	37.94 1.77 0.00	37.77 1.73 0.00	38.17 1.89 0.00	39.06 2.07 0.00	42.22 2.43 0.00	48.01 2.93 0.00	56.44 3.64 0.00	65.61 4.29 0.00	58.46 3.49 -5.81	47.59 2.83 -3.69	41.04 2.34 -0.89	39.25 2.00 -2.16
WARRENSBURG____ 23737	40.14 2.20 0.00	38.16 2.26 0.00	37.62 2.26 0.00	37.81 2.31 0.00	38.13 2.39 0.00	43.10 2.82 0.00	60.08 4.91 0.00	68.15 5.63 0.00	55.15 4.04 0.00	45.94 3.05 0.00	39.34 2.16 0.00	37.81 1.90 0.00	38.05 1.88 0.00	37.98 1.95 0.00	38.42 2.14 0.00	39.54 2.55 0.00	42.73 2.94 0.00	48.74 3.65 0.00	57.23 4.43 0.00	67.02 5.70 0.00	61.31 4.47 -7.68	49.51 3.57 -4.88	42.01 3.02 -1.17	40.54 2.60 -2.86
WATERSIDE____6 8 9 23538	37.29 1.75 2.39	35.06 1.76 2.59	36.05 1.80 1.11	36.63 1.81 0.68	35.88 1.82 1.67	40.41 2.05 1.93	58.81 3.64 0.00	67.34 4.81 0.00	54.47 4.04 0.68	44.61 3.09 1.38	38.09 2.75 1.84	36.64 2.73 1.99	37.00 2.78 1.95	36.79 2.74 1.99	37.61 2.83 1.50	39.04 3.03 0.98	43.26 3.46 -0.01	49.24 4.15 -0.01	57.76 4.96 -0.01	66.84 5.52 -0.01	59.84 4.62 -6.06	46.75 3.74 -1.95	39.32 3.21 1.70	37.62 2.77 0.23
WATKINRD_115KV_LN8_ILLION 55919	38.51 0.57 0.00	36.47 0.57 0.00	35.99 0.64 0.00	36.17 0.67 0.00	36.41 0.68 0.00	41.12 0.85 0.00	56.49 1.32 0.00	63.96 1.44 0.00	51.77 0.66 0.00	42.98 0.09 0.00	36.81 -0.37 0.00	35.33 -0.57 0.00	35.41 -0.76 0.00	35.17 -0.86 0.00	35.30 -0.98 0.00	35.91 -1.07 0.00	38.60 -1.19 0.00	43.82 -1.26 0.00	51.53 -1.27 0.00	59.97 -1.35 0.00	47.98 -1.18 0.00	40.07 -0.99 0.00	36.90 -0.91 0.00	34.13 -0.95 0.00
WATSON__69_KV_BK 1 55734	40.56 2.62 0.00	38.55 2.66 0.00	37.80 2.44 0.00	38.09 2.59 0.00	38.48 2.75 0.00	43.55 3.26 -0.01	60.14 4.97 -0.01	68.72 6.19 -0.01	56.02 4.91 -0.01	46.71 3.82 0.00	40.31 3.12 0.00	38.74 2.84 0.00	39.28 3.11 0.00	38.92 2.88 0.00	39.51 3.23 0.00	40.65 3.66 0.00	43.98 4.18 -0.01	52.17 5.14 -1.95	58.93 6.12 -0.01	78.84 6.99 -10.53	68.01 5.90 -12.95	56.34 4.89 -10.39	47.06 4.16 -5.09	40.99 3.65 -2.26
WDELAWARE__HYD 323627	39.27 1.33 0.00	37.26 1.36 0.00	36.73 1.38 0.00	36.95 1.46 0.00	37.12 1.39 0.00	41.97 1.69 0.00	58.20 3.03 0.00	66.34 3.81 0.00	53.92 2.81 0.00	45.04 2.14 0.00	38.86 1.67 0.00	37.49 1.58 0.00	37.87 1.70 0.00	37.66 1.62 0.00	38.06 1.78 0.00	39.02 2.03 0.00	42.18 2.39 0.00	47.93 2.84 0.00	56.43 3.64 0.00	65.73 4.42 0.00	58.07 3.44 -5.47	47.33 2.79 -3.48	40.95 2.31 -0.84	39.23 2.10 -2.04

WEST BABYLON___IC 23714	40.41 2.47 0.00	38.41 2.51 0.00	37.69 2.33 0.00	37.95 2.45 0.00	38.31 2.57 0.00	43.31 3.02 -0.01	59.81 4.63 -0.01	68.35 5.81 -0.01	55.82 4.70 -0.01	46.50 3.60 0.00	40.20 3.01 0.00	38.64 2.73 0.00	39.17 3.00 0.00	38.78 2.74 0.00	39.36 3.08 0.00	40.46 3.48 0.00	43.82 4.02 -0.01	51.98 4.82 -2.08	58.50 5.70 -0.01	79.09 6.56 -11.22	68.06 5.51 -13.40	56.39 4.52 -10.82	47.11 3.93 -5.37	40.78 3.44 -2.26
WEST CANADA___HYD 24049	38.09 0.15 0.00	36.04 0.14 0.00	35.53 0.18 0.00	35.68 0.18 0.00	35.91 0.18 0.00	40.48 0.20 0.00	55.56 0.39 0.00	63.02 0.50 0.00	51.42 0.31 0.00	43.11 0.22 0.00	37.34 0.15 0.00	36.05 0.14 0.00	36.31 0.15 0.00	36.18 0.14 0.00	36.42 0.15 0.00	37.17 0.19 0.00	40.03 0.24 0.00	45.40 0.32 0.00	53.27 0.47 0.00	61.87 0.55 0.00	49.60 0.44 0.00	41.43 0.37 0.00	38.11 0.30 0.00	35.33 0.25 0.00
WESTERN_NY_WIND 24143	37.86 -0.08 0.00	35.50 -0.39 0.00	34.79 -0.57 0.00	34.86 -0.64 0.00	35.12 -0.61 0.00	39.19 -1.09 0.00	52.91 -2.26 0.00	58.71 -3.81 0.00	47.79 -3.32 0.00	41.05 -1.84 0.00	35.88 -1.30 0.00	34.79 -1.11 0.00	35.25 -0.90 0.01	35.37 -0.65 0.01	35.25 -1.02 0.01	35.84 -1.15 0.00	38.00 -1.79 0.00	42.48 -2.57 0.03	46.84 -2.80 3.15	51.51 -2.82 6.99	44.99 -2.11 2.06	39.30 -1.72 0.04	36.02 -1.85 -0.07	33.44 -1.79 -0.15
WESTOVER___LESR 323668	38.28 0.34 0.00	36.15 0.25 0.00	35.53 0.18 0.00	35.64 0.14 0.00	35.88 0.14 0.00	40.32 0.04 0.00	55.28 0.11 0.00	62.27 -0.25 0.00	50.75 -0.36 0.00	42.72 -0.17 0.00	37.07 -0.11 0.00	35.87 -0.04 0.00	36.02 -0.14 0.00	35.93 -0.11 0.00	36.21 -0.07 0.00	36.91 -0.07 0.00	39.67 -0.12 0.00	44.76 -0.32 0.00	51.82 -0.16 0.82	59.37 -0.12 1.82	50.68 -0.20 -1.72	42.09 -0.16 -1.20	37.87 -0.19 -0.25	35.43 -0.25 -0.60
WETHRSFD_WT_PWR 323626	37.41 -0.53 0.00	35.11 -0.79 0.00	34.30 -1.06 0.00	34.25 -1.24 0.00	34.45 -1.28 0.00	38.43 -1.85 0.00	51.91 -3.25 0.00	57.33 -5.19 0.00	46.71 -4.40 0.00	39.38 -3.52 0.00	33.99 -3.20 0.00	32.89 -3.02 0.00	32.77 -3.25 0.14	32.73 -3.17 0.14	32.88 -3.27 0.14	33.47 -3.51 0.00	35.85 -3.94 0.00	40.06 -4.73 0.29	26.72 -5.28 20.79	9.25 -6.07 45.99	20.03 -4.96 24.16	32.39 -4.15 4.53	34.05 -3.82 -0.06	31.58 -3.61 -0.11
WHAVSTOR_138KV_BK127 55557	39.12 1.18 0.00	37.15 1.26 0.00	36.59 1.24 0.00	36.78 1.28 0.00	36.98 1.25 0.00	41.77 1.49 0.00	57.93 2.76 0.00	66.27 3.75 0.00	54.02 2.91 0.00	45.08 2.19 0.00	39.08 1.90 0.00	37.81 1.90 0.00	38.15 1.99 0.00	37.95 1.91 0.00	38.31 2.03 0.00	39.21 2.22 0.00	42.38 2.59 0.00	48.19 3.11 0.00	56.54 3.75 0.00	65.73 4.41 0.00	58.61 3.64 -5.81	47.67 2.92 -3.69	41.15 2.46 -0.89	39.32 2.07 -2.16
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	39.12 1.18 0.00	37.15 1.26 0.00	36.59 1.24 0.00	36.78 1.28 0.00	36.98 1.25 0.00	41.77 1.49 0.00	57.93 2.76 0.00	66.27 3.75 0.00	54.02 2.91 0.00	45.08 2.19 0.00	39.08 1.90 0.00	37.81 1.90 0.00	38.15 1.99 0.00	37.95 1.91 0.00	38.31 2.03 0.00	39.21 2.22 0.00	42.38 2.59 0.00	48.19 3.11 0.00	56.54 3.75 0.00	65.73 4.41 0.00	58.61 3.64 -5.81	47.67 2.92 -3.69	41.15 2.46 -0.89	39.32 2.07 -2.16
WHITEHAL_115KV_TB1 80871	40.79 2.85 0.00	38.80 2.91 0.00	38.26 2.90 0.00	38.44 2.95 0.00	38.84 3.11 0.00	43.94 3.67 0.00	61.29 6.12 0.00	69.40 6.88 0.00	56.01 4.91 0.00	46.58 3.69 0.00	39.79 2.60 0.00	38.21 2.30 0.00	38.41 2.24 0.00	38.38 2.34 0.00	38.82 2.54 0.00	39.98 3.00 0.00	43.25 3.46 0.00	49.41 4.33 0.00	58.13 5.33 0.00	68.24 6.93 0.00	62.24 5.41 -7.67	50.29 4.35 -4.88	42.65 3.67 -1.17	41.10 3.16 -2.86
WHITEPLN_13_KV_LOAD 356215	39.65 1.71 0.00	37.62 1.72 0.00	37.05 1.70 0.00	37.27 1.77 0.00	37.48 1.75 0.00	42.37 2.09 0.00	58.92 3.75 0.00	67.40 4.88 0.00	55.04 3.94 0.00	45.90 3.00 0.00	39.75 2.57 0.00	38.42 2.51 0.00	38.84 2.68 0.00	38.63 2.59 0.00	39.00 2.72 0.00	39.91 2.92 0.00	43.13 3.34 0.00	49.14 4.06 0.00	57.65 4.86 0.00	66.96 5.64 0.00	59.82 4.62 -6.04	48.60 3.70 -3.84	41.83 3.10 -0.92	39.96 2.63 -2.25
WM_FLOYD_69_KV_BK2 356380	40.29 2.35 0.00	38.34 2.44 0.00	37.55 2.19 0.00	37.88 2.38 0.00	38.27 2.54 0.00	43.39 3.10 -0.01	59.92 4.74 -0.01	68.53 6.00 -0.01	55.77 4.65 -0.01	46.45 3.56 0.00	40.12 2.94 0.00	38.53 2.62 0.00	39.09 2.93 0.00	38.70 2.67 0.00	39.25 2.97 0.00	40.43 3.44 0.00	43.74 3.94 -0.01	52.04 5.05 -1.90	58.77 5.97 -0.01	78.40 6.81 -10.28	67.84 5.90 -12.78	56.14 4.85 -10.23	46.77 3.97 -4.99	40.85 3.51 -2.26
WOODARD___115KV_TB2 355635	37.83 -0.11 0.00	35.75 -0.14 0.00	35.18 -0.18 0.00	35.32 -0.18 0.00	35.55 -0.18 0.00	40.04 -0.24 0.00	54.67 -0.50 0.00	61.77 -0.75 0.00	50.49 -0.61 0.00	42.51 -0.39 0.00	36.89 -0.30 0.00	35.69 -0.22 0.00	35.98 -0.18 0.00	35.86 -0.18 0.00	36.06 -0.22 0.00	36.69 -0.30 0.00	39.39 -0.40 0.00	44.59 -0.50 0.00	52.37 -0.42 0.00	60.82 -0.49 0.00	49.23 -0.44 -0.51	41.06 -0.33 -0.33	37.66 -0.23 -0.08	35.06 -0.21 -0.19
YORK___WARBASSE 23770	56.55 2.05 -16.56	55.89 2.05 -17.95	45.10 2.09 -7.65	42.30 2.09 -4.70	49.38 2.07 -11.58	55.99 2.38 -13.34	59.26 4.08 -0.01	67.86 5.31 -0.02	61.99 4.40 -6.48	59.12 3.39 -12.84	57.34 2.97 -17.18	57.37 2.91 -18.56	57.38 3.00 -18.21	57.48 2.92 -18.53	58.01 3.01 -18.72	59.74 3.25 -19.50	62.58 3.70 -19.09	67.76 4.42 -18.25	101.21 5.38 -43.04	101.11 6.01 -33.78	101.17 5.01 -46.99	62.12 4.06 -17.00	60.43 3.52 -19.11	57.62 3.05 -19.48