

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$																			--- Marginal Cost of Losses																			--- Marginal Cost of Congestion																			05/09/2025		
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	35.53	31.50	30.00	29.16	30.03	33.19	41.83	45.22	48.11	44.62	42.53	41.33	40.73	40.08	39.71	39.95	43.69	44.14	47.29	49.55	51.09	42.29	38.07	36.24																																				
		2.23	2.17	2.01	1.98	1.99	2.14	2.81	3.47	4.09	3.98	3.58	3.52	3.50	3.44	3.45	3.33	3.86	3.79	3.62	3.63	3.87	3.13	2.82	2.68																																				
		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																																				
74TH STREET_GT_1	24260	35.50	31.47	29.97	29.13	30.00	33.13	41.75	45.14	47.97	44.49	42.45	41.25	40.61	40.01	39.60	39.88	43.61	44.01	47.20	49.46	51.04	42.21	38.03	36.17																																				
		2.20	2.14	1.99	1.96	1.96	2.08	2.73	3.38	3.96	3.86	3.51	3.44	3.39	3.37	3.34	3.26	3.78	3.67	3.54	3.54	3.82	3.05	2.78	2.62																																				
		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																																				
74TH STREET_GT_2	24261	35.50	31.47	29.97	29.13	30.00	33.13	41.75	45.14	47.97	44.49	42.45	41.25	40.61	40.01	39.60	39.88	43.61	44.01	47.20	49.46	51.04	42.21	38.03	36.17																																				
		2.20	2.14	1.99	1.96	1.96	2.08	2.73	3.38	3.96	3.86	3.51	3.44	3.39	3.37	3.34	3.26	3.78	3.67	3.54	3.54	3.82	3.05	2.78	2.62																																				
		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																																				
ADK HUDSON___FALLS	24011	34.90	30.82	29.41	28.56	29.52	32.60	41.24	44.51	46.96	43.48	41.56	40.31	39.61	38.98	38.62	38.96	42.58	42.80	46.33	48.54	49.95	41.35	37.26	35.43																																				
		1.60	1.50	1.43	1.39	1.49	1.55	2.22	2.76	2.95	2.84	2.61	2.50	2.38	2.34	2.36	2.34	2.75	2.46	2.66	2.62	2.74	2.19	2.01	1.88																																				
		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																																				
ADK RESOURCE___RCVRY	23798	34.97	30.88	29.47	28.64	29.61	32.69	41.40	44.68	47.14	43.60	41.67	40.42	39.72	39.05	38.73	39.07	42.70	42.93	46.50	48.72	50.14	41.50	37.36	35.47																																				
		1.66	1.55	1.48	1.47	1.57	1.64	2.38	2.92	3.13	2.96	2.73	2.61	2.49	2.42	2.47	2.45	2.87	2.58	2.84	2.80	2.93	2.35	2.11	1.91																																				
		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																																				
ADK S GLENS___FALLS	24028	34.90	30.82	29.41	28.56	29.52	32.60	41.24	44.51	46.96	43.48	41.56	40.31	39.61	38.98	38.62	38.96	42.58	42.80	46.33	48.54	49.95	41.35	37.26	35.43																																				
		1.60	1.50	1.43	1.39	1.49	1.55	2.22	2.76	2.95	2.84	2.61	2.50	2.38	2.34	2.36	2.34	2.75	2.46	2.66	2.62	2.74	2.19	2.01	1.88																																				
		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																																				
ADK_NYS___DAM	23527	34.97	30.88	29.44	28.62	29.52	32.57	40.89	44.05	46.26	42.99	41.13	39.93	39.27	38.69	38.30	38.59	42.10	42.56	45.98	48.31	49.72	41.19	37.15	35.20																																				
		1.66	1.55	1.45	1.44	1.49	1.52	1.87	2.30	2.24	2.36	2.18	2.12	2.05	2.05	2.03	1.98	2.27	2.22	2.31	2.39	2.50	2.03	1.90	1.64																																				
		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																																				
AIR_PRODUCTS___DRP	24190	33.80	29.91	28.52	27.72	28.60	31.51	39.49	42.47	44.76	41.49	39.77	38.64	38.01	37.44	37.06	37.39	40.71	41.07	44.36	46.52	47.88	39.82	35.92	34.23																																				
		0.50	0.59	0.53	0.54	0.56	0.47	0.47	0.71	0.75	0.85	0.82	0.83	0.78	0.81	0.80	0.77	0.88	0.73	0.70	0.60	0.66	0.67	0.67	0.67																																				
		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																																				
AKWESSNE_115KV_BK	355683	33.27	29.39	28.04	27.15	27.93	30.99	38.98	41.76	43.97	40.59	38.91	37.85	37.30	36.63	36.19	36.62	39.51	40.02	43.36	45.51	46.98	39.04	35.11	33.35																																				
		-0.03	0.06	0.06	-0.03	-0.11	-0.06	-0.04	0.00	-0.04	-0.04	-0.04	0.04	0.07	0.00	-0.07	0.00	-0.32	-0.32	-0.31	-0.41	-0.24	-0.12	-0.14	-0.20																																				
		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	34.33	30.35	28.96	28.13	29.05	32.01	40.11	43.09	45.42	42.02	40.19	38.99	38.38	37.77	37.43	37.75	41.18	41.63	45.02	47.26	48.63	40.41	36.45	34.70																																				
		1.03	1.03	0.98	0.95	1.01	0.96	1.09	1.34	1.41	1.38	1.25	1.17	1.16	1.14	1.16	1.14	1.35	1.29	1.36	1.33	1.42	1.25	1.20	1.14																																				
		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_2_SOLAR	323834	34.33	30.35	28.94	28.13	29.02	32.01	40.11	43.09	45.42	42.02	40.19	38.99	38.38	37.77	37.43	37.72	41.14	41.63	45.02	47.21	48.63	40.41	36.45	34.70																																				
		1.03	1.03	0.95	0.95	0.98	0.96	1.09	1.34	1.41	1.38	1.25	1.17	1.16	1.14	1.16	1.10	1.31	1.29	1.36	1.28	1.42	1.25	1.20	1.14																																				
		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	23571	33.80	29.91	28.52	27.72	28.60	31.51	39.49	42.47	44.76	41.49	39.77	38.64	38.01	37.44	37.06	37.39	40.71	41.07	44.36	46.52	47.88	39.82	35.92	34.23																																				
		0.50	0.59	0.53	0.54	0.56	0.47	0.47	0.71	0.75	0.85	0.82	0.83	0.78	0.81	0.80	0.77	0.88	0.73	0.70	0.60	0.66	0.67	0.67	0.67																																				
		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___2 23572	33.80 0.50 0.00	29.91 0.59 0.00	28.52 0.53 0.00	27.72 0.54 0.00	28.60 0.56 0.00	31.51 0.47 0.00	39.49 0.47 0.00	42.47 0.71 0.00	44.76 0.75 0.00	41.49 0.85 0.00	39.77 0.82 0.00	38.64 0.83 0.00	38.01 0.78 0.00	37.44 0.81 0.00	37.06 0.80 0.00	37.39 0.77 0.00	40.71 0.88 0.00	41.07 0.73 0.00	44.36 0.70 0.00	46.52 0.60 0.00	47.88 0.66 0.00	39.82 0.67 0.00	35.92 0.67 0.00	34.23 0.67 0.00
ALBANY___3 23573	33.80 0.50 0.00	29.91 0.59 0.00	28.52 0.53 0.00	27.72 0.54 0.00	28.60 0.56 0.00	31.51 0.47 0.00	39.49 0.47 0.00	42.47 0.71 0.00	44.76 0.75 0.00	41.49 0.85 0.00	39.77 0.82 0.00	38.64 0.83 0.00	38.01 0.78 0.00	37.44 0.81 0.00	37.06 0.80 0.00	37.39 0.77 0.00	40.71 0.88 0.00	41.07 0.73 0.00	44.36 0.70 0.00	46.52 0.60 0.00	47.88 0.66 0.00	39.82 0.67 0.00	35.92 0.67 0.00	34.23 0.67 0.00
ALBANY___4 23574	33.80 0.50 0.00	29.91 0.59 0.00	28.52 0.53 0.00	27.72 0.54 0.00	28.60 0.56 0.00	31.51 0.47 0.00	39.49 0.47 0.00	42.47 0.71 0.00	44.76 0.75 0.00	41.49 0.85 0.00	39.77 0.82 0.00	38.64 0.83 0.00	38.01 0.78 0.00	37.44 0.81 0.00	37.06 0.80 0.00	37.39 0.77 0.00	40.71 0.88 0.00	41.07 0.73 0.00	44.36 0.70 0.00	46.52 0.60 0.00	47.88 0.66 0.00	39.82 0.67 0.00	35.92 0.67 0.00	34.23 0.67 0.00
ALBANY___LFGE 323615	34.10 0.80 0.00	30.15 0.82 0.00	28.74 0.76 0.00	27.94 0.76 0.00	28.82 0.78 0.00	31.76 0.71 0.00	39.84 0.82 0.00	42.84 1.08 0.00	45.20 1.19 0.00	41.89 1.26 0.00	40.16 1.21 0.00	38.99 1.17 0.00	38.38 1.16 0.00	37.81 1.17 0.00	37.43 1.16 0.00	37.75 1.14 0.00	41.10 1.27 0.00	41.47 1.13 0.00	44.80 1.13 0.00	46.98 1.06 0.00	48.30 1.09 0.00	40.17 1.02 0.00	36.24 0.99 0.00	34.46 0.91 0.00
ALCOA_PA_115KV_PL-6C 55860	33.13 -0.17 0.00	29.27 -0.06 0.00	27.93 -0.06 0.00	27.04 -0.14 0.00	27.84 -0.20 0.00	30.89 -0.16 0.00	38.86 -0.16 0.00	41.63 -0.13 0.00	43.79 -0.22 0.00	40.43 -0.20 0.00	38.75 -0.19 0.00	37.66 -0.15 0.00	37.08 -0.15 0.00	36.45 -0.18 0.00	36.01 -0.25 0.00	36.44 -0.18 0.00	39.59 -0.24 0.00	40.10 -0.24 0.00	43.49 -0.17 0.00	45.46 -0.46 0.00	46.93 -0.28 0.00	39.19 0.04 0.00	35.21 -0.04 0.00	33.45 -0.10 0.00
ALCOA_RYNLDS___DRP 24188	33.13 -0.17 0.00	29.27 -0.06 0.00	27.93 -0.06 0.00	27.04 -0.14 0.00	27.84 -0.20 0.00	30.89 -0.16 0.00	38.86 -0.16 0.00	41.63 -0.13 0.00	43.79 -0.22 0.00	40.43 -0.20 0.00	38.75 -0.19 0.00	37.66 -0.15 0.00	37.08 -0.15 0.00	36.45 -0.18 0.00	36.01 -0.25 0.00	36.44 -0.18 0.00	39.59 -0.24 0.00	40.10 -0.24 0.00	43.49 -0.17 0.00	45.46 -0.46 0.00	46.93 -0.28 0.00	39.19 0.04 0.00	35.21 -0.04 0.00	33.45 -0.10 0.00
ALCOA___DSASP 323711	33.14 -0.17 0.00	29.27 -0.06 0.00	27.93 -0.06 0.00	27.04 -0.14 0.00	27.84 -0.19 0.00	30.89 -0.15 0.00	38.86 -0.16 0.00	41.63 -0.12 0.00	43.79 -0.22 0.00	40.43 -0.20 0.00	38.75 -0.19 0.00	37.66 -0.15 0.00	37.08 -0.15 0.00	36.45 -0.18 0.00	36.01 -0.25 0.00	36.44 -0.18 0.00	39.59 -0.24 0.00	40.10 -0.24 0.00	43.49 -0.17 0.00	45.46 -0.46 0.00	46.93 -0.28 0.00	39.19 0.04 0.00	35.21 -0.04 0.00	33.45 -0.10 0.00
ALLEGHENY___COGEN 23514	34.33 1.03 0.00	29.12 -0.20 0.00	27.87 -0.11 0.00	27.09 -0.08 0.00	27.98 -0.06 0.00	31.30 0.25 0.00	39.29 0.28 0.00	41.38 -0.38 0.00	42.75 -1.23 0.03	38.88 -1.91 -0.16	37.13 -1.79 0.03	36.07 -1.74 0.00	35.37 -1.86 0.00	34.79 -1.83 0.01	34.46 -1.78 0.03	34.90 -1.72 0.00	37.97 -1.83 0.03	38.82 -1.49 0.03	42.92 -0.74 0.00	46.06 0.14 0.00	47.50 0.29 0.00	39.31 0.16 0.00	35.29 0.04 0.00	33.42 -0.13 0.00
ALTAMONT_115KV_TB 2 55880	34.13 0.83 0.00	30.15 0.82 0.00	28.77 0.78 0.00	27.94 0.76 0.00	28.82 0.79 0.00	31.82 0.78 0.00	39.92 0.90 0.00	42.89 1.13 0.00	45.24 1.23 0.00	41.85 1.22 0.00	40.08 1.13 0.00	38.91 1.10 0.00	38.31 1.08 0.00	37.70 1.06 0.00	37.36 1.09 0.00	37.68 1.06 0.00	41.06 1.23 0.00	41.55 1.21 0.00	44.84 1.18 0.00	47.07 1.15 0.00	48.49 1.27 0.00	40.21 1.06 0.00	36.27 1.02 0.00	34.56 1.01 0.00
ALTONA_WT_PWR 323606	33.60 0.30 0.00	29.65 0.32 0.00	28.29 0.31 0.00	27.39 0.22 0.00	28.21 0.17 0.00	31.30 0.25 0.00	39.41 0.39 0.00	42.26 0.50 0.00	44.50 0.49 0.00	41.00 0.36 0.00	39.30 0.35 0.00	38.15 0.34 0.00	37.60 0.37 0.00	36.89 0.26 0.00	36.45 0.18 0.00	36.84 0.22 0.00	40.07 0.24 0.00	40.59 0.24 0.00	44.01 0.35 0.00	46.25 0.32 0.00	47.78 0.57 0.00	39.70 0.55 0.00	35.67 0.42 0.00	33.86 0.30 0.00
AMERICAN_REF_FUEL 24010	31.90 -1.40 0.00	26.89 -2.43 0.00	25.77 -2.21 0.00	25.06 -2.12 0.00	25.91 -2.13 0.00	28.78 -2.27 0.00	35.97 -3.04 0.00	37.54 -4.22 0.00	39.02 -4.97 0.02	35.64 -4.96 0.04	34.57 -4.36 0.02	33.65 -4.16 0.00	33.02 -4.21 0.00	32.56 -4.07 0.01	32.33 -3.92 0.02	32.55 -4.07 0.00	34.99 -4.82 0.02	35.40 -4.92 0.02	38.99 -4.67 0.00	41.65 -4.27 0.00	42.59 -4.63 0.00	35.55 -3.60 0.00	32.11 -3.14 0.00	30.77 -2.78 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	33.17 -0.13 0.00	27.74 -1.58 0.00	26.64 -1.34 0.00	25.87 -1.30 0.00	26.78 -1.26 0.00	29.71 -1.33 0.00	37.22 -1.79 0.00	39.00 -2.76 0.00	40.65 -3.35 0.02	37.67 -2.93 0.04	35.89 -3.04 0.02	34.75 -3.06 0.00	34.10 -3.13 0.00	33.51 -3.11 0.01	33.20 -3.05 0.02	33.54 -3.08 0.00	36.22 -3.58 0.02	36.85 -3.47 0.02	40.56 -3.10 0.00	43.63 -2.29 0.00	44.62 -2.60 0.00	37.20 -1.96 0.00	33.42 -1.83 0.00	31.78 -1.78 0.00
ARTHUR KILL_GT_1 23520	35.47 2.16 0.00	31.47 2.14 0.00	29.97 1.99 0.00	29.11 1.93 0.00	29.97 1.93 0.00	32.97 1.93 0.00	41.55 2.54 0.00	44.93 3.17 0.00	47.78 3.74 -0.03	44.12 3.45 -0.03	42.14 3.19 0.00	40.94 3.10 -0.03	46.71 3.02 -6.47	47.94 3.04 -8.26	39.31 3.01 -0.03	47.94 2.93 -8.39	48.55 3.47 -5.26	40.48 3.35 3.22	48.52 3.14 -1.72	49.14 3.21 0.00	50.61 3.40 0.00	42.16 2.98 -0.03	38.00 2.75 0.00	36.14 2.58 0.00
ARTHUR_KILL_2 23512	35.37 2.07 0.00	31.38 2.05 0.00	29.89 1.90 0.00	29.05 1.87 0.00	29.89 1.85 0.00	32.91 1.86 0.00	41.44 2.42 0.00	44.80 3.05 0.00	47.65 3.61 -0.03	44.03 3.37 -0.03	42.09 3.12 -0.03	40.83 2.99 -0.03	46.64 2.94 -6.47	47.83 2.93 -8.26	39.23 2.94 -0.03	47.83 2.82 -8.39	48.39 3.30 -5.26	49.00 3.23 -5.43	48.39 3.01 -1.72	49.00 3.08 0.00	50.47 3.26 0.00	42.04 2.86 -0.03	37.93 2.68 0.00	36.00 2.45 0.00
ARTHUR_KILL_3 23513	35.20 1.90 0.00	31.21 1.88 0.00	29.75 1.76 0.00	28.89 1.71 0.00	29.78 1.74 0.00	32.91 1.86 0.00	41.44 2.42 0.00	44.77 3.01 0.00	47.64 3.61 -0.02	44.19 3.53 -0.02	42.16 3.19 -0.02	40.94 3.10 -0.02	46.82 3.13 -6.46	48.00 3.11 -8.26	39.37 3.08 -0.02	47.97 2.96 -8.38	48.50 3.43 -5.25	49.15 3.39 -5.42	48.60 3.23 -1.71	49.09 3.17 0.00	50.66 3.44 0.00	41.95 2.78 -0.02	37.76 2.50 0.00	35.87 2.31 0.00

ARTHUR_KILL_COGEN 323718	35.43 2.13 0.00	31.44 2.11 0.00	29.97 1.99 0.00	29.11 1.93 0.00	29.97 1.93 0.00	32.97 1.93 0.00	41.55 2.53 0.00	44.93 3.17 0.00	47.78 3.74 -0.03	44.16 3.49 -0.03	42.21 3.23 -0.03	40.94 3.10 -0.03	46.71 3.01 -6.47	47.94 3.04 -8.26	39.30 3.01 -0.03	47.94 2.93 -8.39	48.51 3.43 -5.26	49.12 3.35 -5.43	48.53 3.15 -1.72	49.14 3.21 0.00	50.62 3.40 0.00	42.16 2.97 -0.03	38.00 2.75 0.00	36.07 2.52 0.00
ASHOKAN____ 23654	34.70 1.40 0.00	30.68 1.35 0.00	29.27 1.29 0.00	28.43 1.25 0.00	29.33 1.29 0.00	32.38 1.33 0.00	40.66 1.64 0.00	43.85 2.09 0.00	46.34 2.33 0.00	42.70 2.07 0.00	40.70 1.75 0.00	39.47 1.66 0.00	38.83 1.60 0.00	38.21 1.57 0.00	37.90 1.63 0.00	38.16 1.54 0.00	41.74 1.91 0.00	42.24 1.90 0.00	45.76 2.10 0.00	47.85 1.93 0.00	49.43 2.22 0.00	40.99 1.84 0.00	36.87 1.62 0.00	35.30 1.74 0.00
ASTORIA_EAST_ENERGY_CC1 323581	35.16 1.86 0.00	31.41 2.08 0.00	29.97 1.99 0.00	29.11 1.93 0.00	29.97 1.93 0.00	32.81 1.77 0.01	41.27 2.26 0.01	44.67 2.92 0.01	47.53 3.52 0.01	44.08 3.45 0.01	42.06 3.12 0.01	40.87 3.06 0.01	40.27 3.05 0.01	39.67 3.04 0.01	39.27 3.01 0.01	39.54 2.93 0.01	43.20 3.38 0.01	43.64 3.31 0.01	46.76 3.10 0.01	48.94 3.03 0.01	50.46 3.26 0.01	41.81 2.66 0.01	37.67 2.43 0.01	35.76 2.21 0.01
ASTORIA_EAST_ENERGY_CC2 323582	35.16 1.86 0.00	31.41 2.08 0.00	29.97 1.99 0.00	29.11 1.93 0.00	29.95 1.91 0.00	32.81 1.77 0.01	41.27 2.26 0.01	44.67 2.92 0.01	47.53 3.52 0.01	44.08 3.45 0.01	42.06 3.12 0.01	40.87 3.06 0.01	40.27 3.05 0.01	39.67 3.04 0.01	39.27 3.01 0.01	39.54 2.93 0.01	43.20 3.38 0.01	43.64 3.31 0.01	46.76 3.10 0.01	48.94 3.03 0.01	50.46 3.26 0.01	41.81 2.66 0.01	37.67 2.43 0.01	35.76 2.21 0.01
ASTORIA_GT2_1 24094	35.20 1.90 0.00	31.50 2.17 0.00	29.97 1.99 0.00	29.13 1.96 0.00	29.97 1.93 0.00	32.82 1.77 0.00	41.32 2.30 0.00	44.68 2.92 0.00	47.53 3.52 0.00	44.09 3.45 0.00	42.10 3.15 0.00	40.91 3.10 0.00	40.28 3.05 0.00	39.71 3.08 0.00	39.31 3.05 0.00	39.55 2.93 0.00	43.25 3.43 0.00	43.69 3.35 0.00	46.76 3.10 0.00	49.00 3.08 0.00	50.52 3.31 0.00	41.85 2.70 0.00	37.72 2.47 0.00	35.84 2.28 0.00
ASTORIA_GT2_2 24095	35.20 1.90 0.00	31.50 2.17 0.00	29.97 1.99 0.00	29.13 1.96 0.00	29.97 1.93 0.00	32.82 1.77 0.00	41.32 2.30 0.00	44.68 2.92 0.00	47.53 3.52 0.00	44.09 3.45 0.00	42.10 3.15 0.00	40.91 3.10 0.00	40.28 3.05 0.00	39.71 3.08 0.00	39.31 3.05 0.00	39.55 2.93 0.00	43.25 3.43 0.00	43.69 3.35 0.00	46.76 3.10 0.00	49.00 3.08 0.00	50.52 3.31 0.00	41.85 2.70 0.00	37.72 2.47 0.00	35.84 2.28 0.00
ASTORIA_GT2_3 24096	35.20 1.90 0.00	31.50 2.17 0.00	29.97 1.99 0.00	29.13 1.96 0.00	29.97 1.93 0.00	32.82 1.77 0.00	41.32 2.30 0.00	44.68 2.92 0.00	47.53 3.52 0.00	44.09 3.45 0.00	42.10 3.15 0.00	40.91 3.10 0.00	40.28 3.05 0.00	39.71 3.08 0.00	39.31 3.05 0.00	39.55 2.93 0.00	43.25 3.43 0.00	43.69 3.35 0.00	46.76 3.10 0.00	49.00 3.08 0.00	50.52 3.31 0.00	41.85 2.70 0.00	37.72 2.47 0.00	35.84 2.28 0.00
ASTORIA_GT2_4 24097	35.20 1.90 0.00	31.50 2.17 0.00	29.97 1.99 0.00	29.13 1.96 0.00	29.97 1.93 0.00	32.82 1.77 0.00	41.32 2.30 0.00	44.68 2.92 0.00	47.53 3.52 0.00	44.09 3.45 0.00	42.10 3.15 0.00	40.91 3.10 0.00	40.28 3.05 0.00	39.71 3.08 0.00	39.31 3.05 0.00	39.55 2.93 0.00	43.25 3.43 0.00	43.69 3.35 0.00	46.76 3.10 0.00	49.00 3.08 0.00	50.52 3.31 0.00	41.85 2.70 0.00	37.72 2.47 0.00	35.84 2.28 0.00
ASTORIA_GT3_1 24098	35.20 1.90 0.00	31.50 2.17 0.00	29.97 1.99 0.00	29.13 1.96 0.00	29.97 1.93 0.00	32.82 1.77 0.00	41.32 2.30 0.00	44.68 2.92 0.00	47.53 3.52 0.00	44.09 3.45 0.00	42.10 3.15 0.00	40.91 3.10 0.00	40.28 3.05 0.00	39.71 3.08 0.00	39.31 3.05 0.00	39.55 2.93 0.00	43.25 3.43 0.00	43.69 3.35 0.00	46.76 3.10 0.00	49.00 3.08 0.00	50.52 3.31 0.00	41.85 2.70 0.00	37.72 2.47 0.00	35.84 2.28 0.00
ASTORIA_GT3_2 24099	35.20 1.90 0.00	31.50 2.17 0.00	29.97 1.99 0.00	29.13 1.96 0.00	29.97 1.93 0.00	32.82 1.77 0.00	41.32 2.30 0.00	44.68 2.92 0.00	47.53 3.52 0.00	44.09 3.45 0.00	42.10 3.15 0.00	40.91 3.10 0.00	40.28 3.05 0.00	39.71 3.08 0.00	39.31 3.05 0.00	39.55 2.93 0.00	43.25 3.43 0.00	43.69 3.35 0.00	46.76 3.10 0.00	49.00 3.08 0.00	50.52 3.31 0.00	41.85 2.70 0.00	37.72 2.47 0.00	35.84 2.28 0.00
ASTORIA_GT3_3 24100	35.20 1.90 0.00	31.50 2.17 0.00	29.97 1.99 0.00	29.13 1.96 0.00	29.97 1.93 0.00	32.82 1.77 0.00	41.32 2.30 0.00	44.68 2.92 0.00	47.53 3.52 0.00	44.09 3.45 0.00	42.10 3.15 0.00	40.91 3.10 0.00	40.28 3.05 0.00	39.71 3.08 0.00	39.31 3.05 0.00	39.55 2.93 0.00	43.25 3.43 0.00	43.69 3.35 0.00	46.76 3.10 0.00	49.00 3.08 0.00	50.52 3.31 0.00	41.85 2.70 0.00	37.72 2.47 0.00	35.84 2.28 0.00
ASTORIA_GT3_4 24101	35.20 1.90 0.00	31.50 2.17 0.00	29.97 1.99 0.00	29.13 1.96 0.00	29.97 1.93 0.00	32.82 1.77 0.00	41.32 2.30 0.00	44.68 2.92 0.00	47.53 3.52 0.00	44.09 3.45 0.00	42.10 3.15 0.00	40.91 3.10 0.00	40.28 3.05 0.00	39.71 3.08 0.00	39.31 3.05 0.00	39.55 2.93 0.00	43.25 3.43 0.00	43.69 3.35 0.00	46.76 3.10 0.00	49.00 3.08 0.00	50.52 3.31 0.00	41.85 2.70 0.00	37.72 2.47 0.00	35.84 2.28 0.00
ASTORIA_GT4_1 24102	35.20 1.90 0.00	31.50 2.17 0.00	29.97 1.99 0.00	29.13 1.96 0.00	29.97 1.93 0.00	32.82 1.77 0.00	41.32 2.30 0.00	44.68 2.92 0.00	47.53 3.52 0.00	44.09 3.45 0.00	42.10 3.15 0.00	40.91 3.10 0.00	40.28 3.05 0.00	39.71 3.08 0.00	39.31 3.05 0.00	39.55 2.93 0.00	43.25 3.43 0.00	43.69 3.35 0.00	46.76 3.10 0.00	49.00 3.08 0.00	50.52 3.31 0.00	41.85 2.70 0.00	37.72 2.47 0.00	35.84 2.28 0.00
ASTORIA_GT4_2 24103	35.20 1.90 0.00	31.50 2.17 0.00	29.97 1.99 0.00	29.13 1.96 0.00	29.97 1.93 0.00	32.82 1.77 0.00	41.32 2.30 0.00	44.68 2.92 0.00	47.53 3.52 0.00	44.09 3.45 0.00	42.10 3.15 0.00	40.91 3.10 0.00	40.28 3.05 0.00	39.71 3.08 0.00	39.31 3.05 0.00	39.55 2.93 0.00	43.25 3.43 0.00	43.69 3.35 0.00	46.76 3.10 0.00	49.00 3.08 0.00	50.52 3.31 0.00	41.85 2.70 0.00	37.72 2.47 0.00	35.84 2.28 0.00
ASTORIA_GT4_3 24104	35.20 1.90 0.00	31.50 2.17 0.00	29.97 1.99 0.00	29.13 1.96 0.00	29.97 1.93 0.00	32.82 1.77 0.00	41.32 2.30 0.00	44.68 2.92 0.00	47.53 3.52 0.00	44.09 3.45 0.00	42.10 3.15 0.00	40.91 3.10 0.00	40.28 3.05 0.00	39.71 3.08 0.00	39.31 3.05 0.00	39.55 2.93 0.00	43.25 3.43 0.00	43.69 3.35 0.00	46.76 3.10 0.00	49.00 3.08 0.00	50.52 3.31 0.00	41.85 2.70 0.00	37.72 2.47 0.00	35.84 2.28 0.00

ASTORIA_GT4_4 24105	35.20 1.90 0.00	31.50 2.17 0.00	29.97 1.99 0.00	29.13 1.96 0.00	29.97 1.93 0.00	32.82 1.77 0.00	41.32 2.30 0.00	44.68 2.92 0.00	47.53 3.52 0.00	44.09 3.45 0.00	42.10 3.15 0.00	40.91 3.10 0.00	40.28 3.05 0.00	39.71 3.08 0.00	39.31 3.05 0.00	39.55 2.93 0.00	43.25 3.43 0.00	43.69 3.35 0.00	46.76 3.10 0.00	49.00 3.08 0.00	50.52 3.31 0.00	41.85 2.70 0.00	37.72 2.47 0.00	35.84 2.28 0.00
ASTORIA_GT_1 23523	35.23 1.93 0.00	31.53 2.20 0.00	30.03 2.04 0.00	29.16 1.98 0.00	30.00 1.96 0.00	32.88 1.83 0.00	41.36 2.34 0.00	44.76 3.01 0.00	47.62 3.61 0.00	44.17 3.54 0.00	42.18 3.23 0.00	40.99 3.18 0.00	40.35 3.13 0.00	39.79 3.15 0.00	39.39 3.12 0.00	39.62 3.00 0.00	43.33 3.50 0.00	43.77 3.43 0.00	46.85 3.19 0.00	49.09 3.17 0.00	50.61 3.40 0.00	41.89 2.74 0.00	37.75 2.50 0.00	35.90 2.35 0.00
ASTORIA_GT_10 24110	35.30 2.00 0.00	31.38 2.05 0.00	29.89 1.90 0.00	29.05 1.88 0.00	29.92 1.88 0.00	32.94 1.89 0.00	41.48 2.46 0.00	44.85 3.09 0.00	47.71 3.70 0.00	44.25 3.62 0.00	42.22 3.27 0.00	41.03 3.21 0.00	40.39 3.16 0.00	39.82 3.19 0.00	39.42 3.16 0.00	39.66 3.04 0.00	43.37 3.54 0.00	43.77 3.43 0.00	46.94 3.27 0.00	49.14 3.21 0.00	50.66 3.45 0.00	41.97 2.82 0.00	37.82 2.57 0.00	35.97 2.42 0.00
ASTORIA_GT_11 24225	35.30 2.00 0.00	31.38 2.05 0.00	29.89 1.90 0.00	29.05 1.88 0.00	29.92 1.88 0.00	32.94 1.89 0.00	41.48 2.46 0.00	44.85 3.09 0.00	47.71 3.70 0.00	44.25 3.62 0.00	42.22 3.27 0.00	41.03 3.21 0.00	40.39 3.16 0.00	39.82 3.19 0.00	39.42 3.16 0.00	39.66 3.04 0.00	43.37 3.54 0.00	43.77 3.43 0.00	46.94 3.27 0.00	49.14 3.21 0.00	50.66 3.45 0.00	41.97 2.82 0.00	37.82 2.57 0.00	35.97 2.42 0.00
ASTORIA_GT_12 24226	35.30 2.00 0.00	31.38 2.05 0.00	29.89 1.90 0.00	29.05 1.88 0.00	29.92 1.88 0.00	32.94 1.89 0.00	41.48 2.46 0.00	44.85 3.09 0.00	47.71 3.70 0.00	44.25 3.62 0.00	42.22 3.27 0.00	41.03 3.21 0.00	40.39 3.16 0.00	39.82 3.19 0.00	39.42 3.16 0.00	39.66 3.04 0.00	43.37 3.54 0.00	43.77 3.43 0.00	46.94 3.27 0.00	49.14 3.21 0.00	50.66 3.45 0.00	41.97 2.82 0.00	37.82 2.57 0.00	35.97 2.42 0.00
ASTORIA_GT_13 24227	35.30 2.00 0.00	31.38 2.05 0.00	29.89 1.90 0.00	29.05 1.88 0.00	29.92 1.88 0.00	32.94 1.89 0.00	41.48 2.46 0.00	44.85 3.09 0.00	47.71 3.70 0.00	44.25 3.62 0.00	42.22 3.27 0.00	41.03 3.21 0.00	40.39 3.16 0.00	39.82 3.19 0.00	39.42 3.16 0.00	39.66 3.04 0.00	43.37 3.54 0.00	43.77 3.43 0.00	46.94 3.27 0.00	49.14 3.21 0.00	50.66 3.45 0.00	41.97 2.82 0.00	37.82 2.57 0.00	35.97 2.42 0.00
ASTORIA_GT_5 24106	35.23 1.93 0.00	31.53 2.20 0.00	30.03 2.04 0.00	29.16 1.98 0.00	30.00 1.96 0.00	32.88 1.83 0.00	41.36 2.34 0.00	44.76 3.01 0.00	47.62 3.61 0.00	44.17 3.54 0.00	42.18 3.23 0.00	40.99 3.18 0.00	40.35 3.13 0.00	39.79 3.15 0.00	39.39 3.12 0.00	39.62 3.00 0.00	43.33 3.50 0.00	43.77 3.43 0.00	46.85 3.19 0.00	49.09 3.17 0.00	50.61 3.40 0.00	41.89 2.74 0.00	37.75 2.50 0.00	35.90 2.35 0.00
ASTORIA_GT_7 24107	35.23 1.93 0.00	31.53 2.20 0.00	30.03 2.04 0.00	29.16 1.98 0.00	30.00 1.96 0.00	32.88 1.83 0.00	41.36 2.34 0.00	44.76 3.01 0.00	47.62 3.61 0.00	44.17 3.54 0.00	42.18 3.23 0.00	40.99 3.18 0.00	40.35 3.13 0.00	39.79 3.15 0.00	39.39 3.12 0.00	39.62 3.00 0.00	43.33 3.50 0.00	43.77 3.43 0.00	46.85 3.19 0.00	49.09 3.17 0.00	50.61 3.40 0.00	41.89 2.74 0.00	37.75 2.50 0.00	35.90 2.35 0.00
ASTORIA_GT_8 24108	35.23 1.93 0.00	31.53 2.20 0.00	30.03 2.04 0.00	29.16 1.98 0.00	30.00 1.96 0.00	32.88 1.83 0.00	41.36 2.34 0.00	44.76 3.01 0.00	47.62 3.61 0.00	44.17 3.54 0.00	42.18 3.23 0.00	40.99 3.18 0.00	40.35 3.13 0.00	39.79 3.15 0.00	39.39 3.12 0.00	39.62 3.00 0.00	43.33 3.50 0.00	43.77 3.43 0.00	46.85 3.19 0.00	49.09 3.17 0.00	50.61 3.40 0.00	41.89 2.74 0.00	37.75 2.50 0.00	35.90 2.35 0.00
ASTORIA___2 24149	35.20 1.90 0.00	31.41 2.08 0.00	29.97 1.99 0.00	29.11 1.93 0.00	29.97 1.93 0.00	32.81 1.77 0.01	41.31 2.30 0.01	44.67 2.92 0.01	47.53 3.52 0.01	44.08 3.45 0.01	42.09 3.15 0.01	40.87 3.06 0.01	40.27 3.05 0.01	39.70 3.08 0.01	39.31 3.05 0.01	39.58 2.96 0.01	43.20 3.38 0.01	43.68 3.35 0.01	46.76 3.10 0.01	48.99 3.08 0.01	50.51 3.30 0.01	41.84 2.70 0.01	37.71 2.47 0.01	35.80 2.25 0.01
ASTORIA___3 23516	35.30 2.00 0.00	31.38 2.05 0.00	29.89 1.90 0.00	29.05 1.87 0.00	29.92 1.88 0.00	32.94 1.89 0.00	41.48 2.46 0.00	44.85 3.09 0.00	47.71 3.70 0.00	44.25 3.62 0.00	42.22 3.27 0.00	40.99 3.18 0.00	40.43 3.20 0.00	39.82 3.19 0.00	39.42 3.15 0.00	39.69 3.08 0.00	43.34 3.51 0.00	43.77 3.43 0.00	46.94 3.28 0.00	49.14 3.21 0.00	50.66 3.44 0.00	41.97 2.82 0.00	37.82 2.57 0.00	35.94 2.38 0.00
ASTORIA___4 23517	35.30 2.00 0.00	31.38 2.05 0.00	29.89 1.90 0.00	29.05 1.88 0.00	29.92 1.88 0.00	32.94 1.89 0.00	41.48 2.46 0.00	44.85 3.09 0.00	47.71 3.70 0.00	44.25 3.62 0.00	42.22 3.27 0.00	41.03 3.21 0.00	40.39 3.16 0.00	39.82 3.19 0.00	39.42 3.16 0.00	39.66 3.04 0.00	43.37 3.54 0.00	43.77 3.43 0.00	46.94 3.27 0.00	49.14 3.21 0.00	50.66 3.45 0.00	41.97 2.82 0.00	37.82 2.57 0.00	35.97 2.42 0.00
ASTORIA___5 23518	35.30 2.00 0.00	31.38 2.05 0.00	29.89 1.90 0.00	29.05 1.87 0.00	29.92 1.88 0.00	32.94 1.89 0.00	41.48 2.46 0.00	44.85 3.09 0.00	47.71 3.70 0.00	44.25 3.62 0.00	42.22 3.27 0.00	40.99 3.18 0.00	40.43 3.20 0.00	39.82 3.19 0.00	39.42 3.15 0.00	39.69 3.08 0.00	43.34 3.51 0.00	43.77 3.43 0.00	46.94 3.28 0.00	49.14 3.21 0.00	50.66 3.44 0.00	41.97 2.82 0.00	37.82 2.57 0.00	35.94 2.38 0.00
AST_ENERGY_2_CC3 323677	35.30 2.00 0.00	31.29 1.97 0.00	29.83 1.85 0.00	28.97 1.79 0.00	29.86 1.82 0.00	32.97 1.93 0.00	38.18 2.46 3.30	38.05 3.09 6.80	40.64 3.65 7.02	37.43 3.58 6.78	38.02 3.19 4.12	38.02 3.10 2.89	38.02 3.13 2.33	38.02 3.11 1.73	38.02 3.08 1.33	38.02 2.96 1.56	38.02 3.43 5.24	38.02 3.39 5.71	38.72 3.23 8.17	41.98 3.21 7.16	43.43 3.44 7.23	38.02 2.82 3.95	37.79 2.54 0.00	35.94 2.38 0.00
AST_ENERGY_2_CC4 323678	35.30 2.00 0.00	31.29 1.97 0.00	29.83 1.85 0.00	28.97 1.79 0.00	29.86 1.82 0.00	32.97 1.93 0.00	38.18 2.46 3.30	38.05 3.09 6.80	40.64 3.65 7.02	37.43 3.58 6.78	38.02 3.19 4.12	38.02 3.10 2.89	38.02 3.13 2.33	38.02 3.11 1.73	38.02 3.08 1.33	38.02 2.96 1.56	38.02 3.43 5.24	38.02 3.39 5.71	38.72 3.23 8.17	41.98 3.21 7.16	43.43 3.44 7.23	38.02 2.82 3.95	37.79 2.54 0.00	35.94 2.38 0.00

ATHENS_STG_1 23668	34.23 0.93 0.00	30.29 0.97 0.00	28.88 0.90 0.00	28.07 0.90 0.00	28.93 0.90 0.00	31.95 0.90 0.00	40.11 1.09 0.00	43.13 1.38 0.00	45.64 1.63 0.00	42.26 1.63 0.00	40.39 1.44 0.00	39.21 1.40 0.00	38.64 1.41 0.00	38.03 1.39 0.00	37.68 1.41 0.00	37.97 1.36 0.00	41.38 1.55 0.00	41.88 1.53 0.00	45.15 1.49 0.00	47.35 1.43 0.00	48.77 1.56 0.00	40.44 1.29 0.00	36.52 1.27 0.00	34.83 1.27 0.00
ATHENS_STG_2 23670	34.23 0.93 0.00	30.29 0.97 0.00	28.88 0.90 0.00	28.07 0.90 0.00	28.93 0.90 0.00	31.95 0.90 0.00	40.11 1.09 0.00	43.13 1.38 0.00	45.64 1.63 0.00	42.26 1.63 0.00	40.39 1.44 0.00	39.21 1.40 0.00	38.64 1.41 0.00	38.03 1.39 0.00	37.68 1.41 0.00	37.97 1.36 0.00	41.38 1.55 0.00	41.88 1.53 0.00	45.15 1.49 0.00	47.35 1.43 0.00	48.77 1.56 0.00	40.44 1.29 0.00	36.52 1.27 0.00	34.83 1.27 0.00
ATHENS_STG_3 23677	34.23 0.93 0.00	30.29 0.97 0.00	28.88 0.90 0.00	28.07 0.90 0.00	28.93 0.90 0.00	31.95 0.90 0.00	40.11 1.09 0.00	43.13 1.38 0.00	45.64 1.63 0.00	42.26 1.63 0.00	40.39 1.44 0.00	39.21 1.40 0.00	38.64 1.41 0.00	38.03 1.39 0.00	37.68 1.41 0.00	37.97 1.36 0.00	41.38 1.55 0.00	41.88 1.53 0.00	45.15 1.49 0.00	47.35 1.43 0.00	48.77 1.56 0.00	40.44 1.29 0.00	36.52 1.27 0.00	34.83 1.27 0.00
AUBURN___LFGE 323710	33.23 -0.07 0.00	29.03 -0.29 0.00	27.73 -0.25 0.00	26.96 -0.22 0.00	27.84 -0.20 0.00	30.96 -0.09 0.00	39.06 0.04 0.00	41.59 -0.17 0.00	43.71 -0.31 -0.01	40.11 -0.53 -0.01	38.53 -0.43 -0.01	37.32 -0.49 0.00	36.78 -0.45 0.00	36.23 -0.40 0.00	35.87 -0.40 -0.01	36.14 -0.48 0.00	39.28 -0.56 -0.01	39.83 -0.52 -0.01	43.31 -0.35 0.00	45.74 -0.18 0.00	46.98 -0.24 0.00	38.92 -0.23 0.00	34.93 -0.32 0.00	33.19 -0.37 0.00
BABYLON_RES_REC 323704	36.21 2.90 -0.01	32.06 2.73 -0.01	30.60 2.60 -0.01	29.71 2.53 -0.01	30.63 2.58 -0.01	33.85 2.80 -0.01	42.58 3.55 -0.01	45.69 3.92 -0.01	48.29 4.27 -0.01	47.45 4.06 -2.76	50.26 3.27 -8.04	49.00 3.14 -8.05	48.11 3.09 -7.80	48.32 3.08 -8.61	51.40 3.05 -12.09	53.85 2.96 -14.27	47.74 3.46 -4.45	49.89 3.47 -6.08	47.80 3.49 -0.64	54.68 3.63 -5.13	51.05 3.82 -0.01	48.58 3.13 -6.29	44.55 3.21 -6.09	36.84 3.19 -0.10
BALL_HILL_WT_PWR 323825	33.00 -0.30 0.00	27.74 -1.58 0.00	26.59 -1.40 0.00	25.84 -1.33 0.00	26.75 -1.29 0.00	29.71 -1.33 0.00	37.18 -1.83 0.00	38.88 -2.88 0.00	40.52 -3.48 0.02	37.58 -3.01 0.05	35.85 -3.08 0.02	34.83 -2.99 0.00	34.17 -3.05 0.00	33.62 -3.00 0.01	33.42 -2.83 0.02	33.62 -3.00 0.00	36.34 -3.47 0.02	36.81 -3.51 0.02	40.43 -3.23 0.00	43.31 -2.62 0.00	44.33 -2.88 0.00	37.00 -2.15 0.00	33.31 -1.94 0.00	31.78 -1.78 0.00
BARON_WINDS___WT_PWR 323822	33.23 -0.07 0.00	28.48 -0.85 0.00	27.26 -0.73 0.00	26.47 -0.71 0.00	27.34 -0.70 0.00	30.43 -0.62 0.00	38.24 -0.78 0.00	40.21 -1.54 0.00	41.87 -2.11 0.03	38.38 -1.99 0.26	36.81 -2.10 0.03	35.81 -2.01 0.00	35.22 -2.01 0.00	34.57 -2.05 0.02	34.31 -1.92 0.03	34.57 -2.05 0.00	37.41 -2.39 0.04	38.01 -2.30 0.04	41.66 -2.01 0.00	44.59 -1.33 0.00	45.75 -1.46 0.00	38.02 -1.14 0.00	34.19 -1.06 0.00	32.51 -1.04 0.00
BARRETT_IC_1 23704	35.74 2.43 -0.01	31.68 2.35 -0.01	30.20 2.21 -0.01	29.36 2.17 -0.01	30.26 2.21 -0.01	33.48 2.42 -0.01	42.11 3.08 -0.01	45.15 3.38 -0.01	47.81 3.79 -0.01	46.64 3.45 -2.55	49.11 2.73 -7.44	47.91 2.65 -7.45	47.09 2.64 -7.22	47.24 2.64 -7.97	50.07 2.61 -11.19	52.28 2.45 -13.21	46.89 2.95 -4.12	48.88 2.91 -5.63	47.09 2.84 -0.59	53.47 2.80 -4.74	50.34 3.12 -0.01	47.48 2.51 -5.82	43.54 2.65 -5.64	36.36 2.72 -0.09
BARRETT_IC_10 23701	35.74 2.43 -0.01	31.68 2.35 -0.01	30.20 2.21 -0.01	29.36 2.17 -0.01	30.26 2.21 -0.01	33.48 2.42 -0.01	42.11 3.08 -0.01	45.15 3.38 -0.01	47.81 3.79 -0.01	46.64 3.45 -2.55	49.11 2.73 -7.44	47.91 2.65 -7.45	47.09 2.64 -7.22	47.24 2.64 -7.97	50.07 2.61 -11.19	52.28 2.45 -13.21	46.89 2.95 -4.12	48.88 2.91 -5.63	47.09 2.84 -0.59	53.47 2.80 -4.74	50.34 3.12 -0.01	47.48 2.51 -5.82	43.54 2.65 -5.64	36.36 2.72 -0.09
BARRETT_IC_11 23702	35.74 2.43 -0.01	31.68 2.35 -0.01	30.20 2.21 -0.01	29.36 2.17 -0.01	30.26 2.21 -0.01	33.48 2.42 -0.01	42.11 3.08 -0.01	45.15 3.38 -0.01	47.81 3.79 -0.01	46.64 3.45 -2.55	49.11 2.73 -7.44	47.91 2.65 -7.45	47.09 2.64 -7.22	47.24 2.64 -7.97	50.07 2.61 -11.19	52.28 2.45 -13.21	46.89 2.95 -4.12	48.88 2.91 -5.63	47.09 2.84 -0.59	53.47 2.80 -4.74	50.34 3.12 -0.01	47.48 2.51 -5.82	43.54 2.65 -5.64	36.36 2.72 -0.09
BARRETT_IC_12 23703	35.74 2.43 -0.01	31.68 2.35 -0.01	30.20 2.21 -0.01	29.36 2.17 -0.01	30.26 2.21 -0.01	33.48 2.42 -0.01	42.11 3.08 -0.01	45.15 3.38 -0.01	47.81 3.79 -0.01	46.64 3.45 -2.55	49.11 2.73 -7.44	47.91 2.65 -7.45	47.09 2.64 -7.22	47.24 2.64 -7.97	50.07 2.61 -11.19	52.28 2.45 -13.21	46.89 2.95 -4.12	48.88 2.91 -5.63	47.09 2.84 -0.59	53.47 2.80 -4.74	50.34 3.12 -0.01	47.48 2.51 -5.82	43.54 2.65 -5.64	36.36 2.72 -0.09
BARRETT_IC_2 23705	35.74 2.43 -0.01	31.68 2.35 -0.01	30.20 2.21 -0.01	29.36 2.17 -0.01	30.26 2.21 -0.01	33.48 2.42 -0.01	42.11 3.08 -0.01	45.15 3.38 -0.01	47.81 3.79 -0.01	46.64 3.45 -2.55	49.11 2.73 -7.44	47.91 2.65 -7.45	47.09 2.64 -7.22	47.24 2.64 -7.97	50.07 2.61 -11.19	52.28 2.45 -13.21	46.89 2.95 -4.12	48.88 2.91 -5.63	47.09 2.84 -0.59	53.47 2.80 -4.74	50.34 3.12 -0.01	47.48 2.51 -5.82	43.54 2.65 -5.64	36.36 2.72 -0.09
BARRETT_IC_3 23706	35.74 2.43 -0.01	31.68 2.35 -0.01	30.20 2.21 -0.01	29.36 2.17 -0.01	30.26 2.21 -0.01	33.48 2.42 -0.01	42.11 3.08 -0.01	45.15 3.38 -0.01	47.81 3.79 -0.01	46.64 3.45 -2.55	49.11 2.73 -7.44	47.91 2.65 -7.45	47.09 2.64 -7.22	47.24 2.64 -7.97	50.07 2.61 -11.19	52.28 2.45 -13.21	46.89 2.95 -4.12	48.88 2.91 -5.63	47.09 2.84 -0.59	53.47 2.80 -4.74	50.34 3.12 -0.01	47.48 2.51 -5.82	43.54 2.65 -5.64	36.36 2.72 -0.09
BARRETT_IC_4 23707	35.74 2.43 -0.01	31.68 2.35 -0.01	30.20 2.21 -0.01	29.36 2.17 -0.01	30.26 2.21 -0.01	33.48 2.42 -0.01	42.11 3.08 -0.01	45.15 3.38 -0.01	47.81 3.79 -0.01	46.64 3.45 -2.55	49.11 2.73 -7.44	47.91 2.65 -7.45	47.09 2.64 -7.22	47.24 2.64 -7.97	50.07 2.61 -11.19	52.28 2.45 -13.21	46.89 2.95 -4.12	48.88 2.91 -5.63	47.09 2.84 -0.59	53.47 2.80 -4.74	50.34 3.12 -0.01	47.48 2.51 -5.82	43.54 2.65 -5.64	36.36 2.72 -0.09
BARRETT_IC_5 23708	35.74 2.43 -0.01	31.68 2.35 -0.01	30.20 2.21 -0.01	29.36 2.17 -0.01	30.26 2.21 -0.01	33.48 2.42 -0.01	42.11 3.08 -0.01	45.15 3.38 -0.01	47.81 3.79 -0.01	46.64 3.45 -2.55	49.11 2.73 -7.44	47.91 2.65 -7.45	47.09 2.64 -7.22	47.24 2.64 -7.97	50.07 2.61 -11.19	52.28 2.45 -13.21	46.89 2.95 -4.12	48.88 2.91 -5.63	47.09 2.84 -0.59	53.47 2.80 -4.74	50.34 3.12 -0.01	47.48 2.51 -5.82	43.54 2.65 -5.64	36.36 2.72 -0.09

BARRETT_IC_6 23709	35.74 2.43 -0.01	31.68 2.35 -0.01	30.20 2.21 -0.01	29.36 2.17 -0.01	30.26 2.21 -0.01	33.48 2.42 -0.01	42.11 3.08 -0.01	45.15 3.38 -0.01	47.81 3.79 -0.01	46.64 3.45 -2.55	49.11 2.73 -7.44	47.91 2.65 -7.45	47.09 2.64 -7.22	47.24 2.64 -7.97	50.07 2.61 -11.19	52.28 2.45 -13.21	46.89 2.95 -4.12	48.88 2.91 -5.63	47.09 2.84 -0.59	53.47 2.80 -4.74	50.34 3.12 -0.01	47.48 2.51 -5.82	43.54 2.65 -5.64	36.36 2.72 -0.09
BARRETT_IC_7 23710	35.74 2.43 -0.01	31.68 2.35 -0.01	30.20 2.21 -0.01	29.39 2.20 -0.01	30.26 2.22 -0.01	33.48 2.42 -0.01	42.11 3.08 -0.01	45.15 3.38 -0.01	47.81 3.79 -0.01	46.64 3.45 -2.55	49.12 2.73 -7.44	47.91 2.65 -7.45	47.09 2.64 -7.22	47.24 2.64 -7.97	50.07 2.61 -11.19	52.28 2.45 -13.21	46.93 2.99 -4.12	48.88 2.90 -5.63	47.09 2.84 -0.59	53.51 2.85 -4.74	50.39 3.16 -0.01	47.48 2.51 -5.82	43.53 2.64 -5.64	36.40 2.75 -0.09
BARRETT_IC_8 23711	35.74 2.43 -0.01	31.68 2.35 -0.01	30.20 2.21 -0.01	29.36 2.17 -0.01	30.26 2.21 -0.01	33.48 2.42 -0.01	42.11 3.08 -0.01	45.15 3.38 -0.01	47.81 3.79 -0.01	46.64 3.45 -2.55	49.11 2.73 -7.44	47.91 2.65 -7.45	47.09 2.64 -7.22	47.24 2.64 -7.97	50.07 2.61 -11.19	52.28 2.45 -13.21	46.89 2.95 -4.12	48.88 2.91 -5.63	47.09 2.84 -0.59	53.47 2.80 -4.74	50.34 3.12 -0.01	47.48 2.51 -5.82	43.54 2.65 -5.64	36.36 2.72 -0.09
BARRETT_IC_9 23700	35.74 2.43 -0.01	31.68 2.35 -0.01	30.20 2.21 -0.01	29.36 2.17 -0.01	30.26 2.21 -0.01	33.48 2.42 -0.01	42.11 3.08 -0.01	45.15 3.38 -0.01	47.81 3.79 -0.01	46.64 3.45 -2.55	49.11 2.73 -7.44	47.91 2.65 -7.45	47.09 2.64 -7.22	47.24 2.64 -7.97	50.07 2.61 -11.19	52.28 2.45 -13.21	46.89 2.95 -4.12	48.88 2.91 -5.63	47.09 2.84 -0.59	53.47 2.80 -4.74	50.34 3.12 -0.01	47.48 2.51 -5.82	43.54 2.65 -5.64	36.36 2.72 -0.09
BARRETT___1 23545	35.74 2.43 -0.01	31.68 2.35 -0.01	30.20 2.21 -0.01	29.36 2.17 -0.01	30.26 2.21 -0.01	33.48 2.42 -0.01	42.11 3.08 -0.01	45.15 3.38 -0.01	47.81 3.79 -0.01	46.64 3.45 -2.55	49.11 2.73 -7.44	47.91 2.65 -7.45	47.09 2.64 -7.22	47.24 2.64 -7.97	50.07 2.61 -11.19	52.28 2.45 -13.21	46.89 2.95 -4.12	48.88 2.91 -5.63	47.09 2.84 -0.59	53.47 2.80 -4.74	50.34 3.12 -0.01	47.48 2.51 -5.82	43.54 2.65 -5.64	36.36 2.72 -0.09
BARRETT___2 23546	35.74 2.43 -0.01	31.68 2.35 -0.01	30.20 2.21 -0.01	29.36 2.17 -0.01	30.26 2.21 -0.01	33.48 2.42 -0.01	42.11 3.08 -0.01	45.15 3.38 -0.01	47.81 3.79 -0.01	46.64 3.45 -2.55	49.11 2.73 -7.44	47.91 2.65 -7.45	47.09 2.64 -7.22	47.24 2.64 -7.97	50.07 2.61 -11.19	52.28 2.45 -13.21	46.89 2.95 -4.12	48.88 2.91 -5.63	47.09 2.84 -0.59	53.47 2.80 -4.74	50.34 3.12 -0.01	47.48 2.51 -5.82	43.54 2.65 -5.64	36.36 2.72 -0.09
BATAVIA___115KV_TB1 55881	33.47 0.17 0.00	28.12 -1.20 0.00	26.95 -1.04 0.00	26.20 -0.98 0.00	27.08 -0.95 0.00	30.21 -0.84 0.00	37.81 -1.21 0.00	39.75 -2.00 0.00	41.40 -2.60 0.01	37.72 -2.88 0.03	36.60 -2.34 0.01	35.43 -2.38 0.00	34.88 -2.35 0.00	34.36 -2.27 0.01	34.04 -2.21 0.01	34.31 -2.31 0.00	36.87 -2.95 0.01	37.50 -2.82 0.01	41.26 -2.40 0.00	44.04 -1.88 0.00	45.18 -2.03 0.00	37.59 -1.57 0.00	33.91 -1.34 0.00	32.01 -1.54 0.00
BAYONEEC___CTG1 323682	35.34 2.03 0.00	31.29 1.97 0.00	29.83 1.85 0.00	29.00 1.82 0.00	29.86 1.82 0.00	33.01 1.96 0.00	41.56 2.53 0.00	44.89 3.13 0.00	47.72 3.70 -0.01	44.25 3.62 -0.01	42.23 3.27 -0.01	41.00 3.18 -0.01	41.42 3.20 -0.99	41.05 3.15 -1.27	39.43 3.15 -0.01	40.94 3.04 -1.29	44.14 3.51 -0.81	44.65 3.47 -0.83	47.24 3.32 -0.26	49.23 3.31 0.00	50.76 3.54 0.00	42.02 2.86 -0.01	37.86 2.61 0.00	35.98 2.42 0.00
BAYONEEC___CTG10 323750	35.34 2.03 0.00	31.29 1.97 0.00	29.83 1.85 0.00	29.00 1.82 0.00	29.86 1.82 0.00	33.01 1.96 0.00	41.56 2.53 0.00	44.89 3.13 0.00	47.72 3.70 -0.01	44.25 3.62 -0.01	42.23 3.27 -0.01	41.00 3.18 -0.01	41.42 3.20 -0.99	41.05 3.15 -1.27	39.43 3.15 -0.01	40.94 3.04 -1.29	44.14 3.51 -0.81	44.65 3.47 -0.83	47.24 3.32 -0.26	49.23 3.31 0.00	50.76 3.54 0.00	42.02 2.86 -0.01	37.86 2.61 0.00	35.98 2.42 0.00
BAYONEEC___CTG2 323683	35.34 2.03 0.00	31.29 1.97 0.00	29.83 1.85 0.00	29.00 1.82 0.00	29.86 1.82 0.00	33.01 1.96 0.00	41.56 2.53 0.00	44.89 3.13 0.00	47.72 3.70 -0.01	44.25 3.62 -0.01	42.23 3.27 -0.01	41.00 3.18 -0.01	41.42 3.20 -0.99	41.05 3.15 -1.27	39.43 3.15 -0.01	40.94 3.04 -1.29	44.14 3.51 -0.81	44.65 3.47 -0.83	47.24 3.32 -0.26	49.23 3.31 0.00	50.76 3.54 0.00	42.02 2.86 -0.01	37.86 2.61 0.00	35.98 2.42 0.00
BAYONEEC___CTG3 323684	35.34 2.03 0.00	31.29 1.97 0.00	29.83 1.85 0.00	29.00 1.82 0.00	29.86 1.82 0.00	33.01 1.96 0.00	41.56 2.53 0.00	44.89 3.13 0.00	47.72 3.70 -0.01	44.25 3.62 -0.01	42.23 3.27 -0.01	41.00 3.18 -0.01	41.42 3.20 -0.99	41.05 3.15 -1.27	39.43 3.15 -0.01	40.94 3.04 -1.29	44.14 3.51 -0.81	44.65 3.47 -0.83	47.24 3.32 -0.26	49.23 3.31 0.00	50.76 3.54 0.00	42.02 2.86 -0.01	37.86 2.61 0.00	35.98 2.42 0.00
BAYONEEC___CTG4 323685	35.34 2.03 0.00	31.29 1.97 0.00	29.83 1.85 0.00	29.00 1.82 0.00	29.86 1.82 0.00	33.01 1.96 0.00	41.56 2.53 0.00	44.89 3.13 0.00	47.72 3.70 -0.01	44.25 3.62 -0.01	42.23 3.27 -0.01	41.00 3.18 -0.01	41.42 3.20 -0.99	41.05 3.15 -1.27	39.43 3.15 -0.01	40.94 3.04 -1.29	44.14 3.51 -0.81	44.65 3.47 -0.83	47.24 3.32 -0.26	49.23 3.31 0.00	50.76 3.54 0.00	42.02 2.86 -0.01	37.86 2.61 0.00	35.98 2.42 0.00
BAYONEEC___CTG5 323686	35.34 2.03 0.00	31.29 1.97 0.00	29.83 1.85 0.00	29.00 1.82 0.00	29.86 1.82 0.00	33.01 1.96 0.00	41.56 2.53 0.00	44.89 3.13 0.00	47.72 3.70 -0.01	44.25 3.62 -0.01	42.23 3.27 -0.01	41.00 3.18 -0.01	41.42 3.20 -0.99	41.05 3.15 -1.27	39.43 3.15 -0.01	40.94 3.04 -1.29	44.14 3.51 -0.81	44.65 3.47 -0.83	47.24 3.32 -0.26	49.23 3.31 0.00	50.76 3.54 0.00	42.02 2.86 -0.01	37.86 2.61 0.00	35.98 2.42 0.00
BAYONEEC___CTG6 323687	35.34 2.03 0.00	31.29 1.97 0.00	29.83 1.85 0.00	29.00 1.82 0.00	29.86 1.82 0.00	33.01 1.96 0.00	41.56 2.53 0.00	44.89 3.13 0.00	47.72 3.70 -0.01	44.25 3.62 -0.01	42.23 3.27 -0.01	41.00 3.18 -0.01	41.42 3.20 -0.99	41.05 3.15 -1.27	39.43 3.15 -0.01	40.94 3.04 -1.29	44.14 3.51 -0.81	44.65 3.47 -0.83	47.24 3.32 -0.26	49.23 3.31 0.00	50.76 3.54 0.00	42.02 2.86 -0.01	37.86 2.61 0.00	35.98 2.42 0.00
BAYONEEC___CTG7 323688	35.34 2.03 0.00	31.29 1.97 0.00	29.83 1.85 0.00	29.00 1.82 0.00	29.86 1.82 0.00	33.01 1.96 0.00	41.56 2.53 0.00	44.89 3.13 0.00	47.72 3.70 -0.01	44.25 3.62 -0.01	42.23 3.27 -0.01	41.00 3.18 -0.01	41.42 3.20 -0.99	41.05 3.15 -1.27	39.43 3.15 -0.01	40.94 3.04 -1.29	44.14 3.51 -0.81	44.65 3.47 -0.83	47.24 3.32 -0.26	49.23 3.31 0.00	50.76 3.54 0.00	42.02 2.86 -0.01	37.86 2.61 0.00	35.98 2.42 0.00

BAYONEEC___CTG8 323689	35.34 2.03 0.00	31.29 1.97 0.00	29.83 1.85 0.00	29.00 1.82 0.00	29.86 1.82 0.00	33.01 1.96 0.00	41.56 2.53 0.00	44.89 3.13 0.00	47.72 3.70 -0.01	44.25 3.62 -0.01	42.23 3.27 -0.01	41.00 3.18 -0.01	41.42 3.20 -0.99	41.05 3.15 -1.27	39.43 3.15 -0.01	40.94 3.04 -1.29	44.14 3.51 -0.81	44.65 3.47 -0.83	47.24 3.32 -0.26	49.23 3.31 0.00	50.76 3.54 0.00	42.02 2.86 -0.01	37.86 2.61 0.00	35.98 2.42 0.00
BAYONEEC___CTG9 323749	35.34 2.03 0.00	31.29 1.97 0.00	29.83 1.85 0.00	29.00 1.82 0.00	29.86 1.82 0.00	33.01 1.96 0.00	41.56 2.53 0.00	44.89 3.13 0.00	47.72 3.70 -0.01	44.25 3.62 -0.01	42.23 3.27 -0.01	41.00 3.18 -0.01	41.42 3.20 -0.99	41.05 3.15 -1.27	39.43 3.15 -0.01	40.94 3.04 -1.29	44.14 3.51 -0.81	44.65 3.47 -0.83	47.24 3.32 -0.26	49.23 3.31 0.00	50.76 3.54 0.00	42.02 2.86 -0.01	37.86 2.61 0.00	35.98 2.42 0.00
BEACON___LESR 323632	34.27 0.97 0.00	30.29 0.97 0.00	28.91 0.92 0.00	28.07 0.90 0.00	28.96 0.92 0.00	31.95 0.90 0.00	40.07 1.05 0.00	43.13 1.38 0.00	45.46 1.45 0.00	42.14 1.50 0.00	40.35 1.40 0.00	39.17 1.36 0.00	38.56 1.34 0.00	37.95 1.32 0.00	37.61 1.34 0.00	37.93 1.32 0.00	41.34 1.51 0.00	41.72 1.37 0.00	45.06 1.40 0.00	47.26 1.33 0.00	48.63 1.42 0.00	40.41 1.25 0.00	36.45 1.20 0.00	34.63 1.07 0.00
BEAVER RIVER___HYD 24048	32.70 -0.60 0.00	28.83 -0.50 0.00	27.45 -0.53 0.00	26.71 -0.46 0.00	27.65 -0.39 0.00	30.80 -0.25 0.00	38.70 -0.31 0.00	41.34 -0.42 0.00	43.44 -0.57 0.00	39.78 -0.86 0.00	38.13 -0.82 0.00	36.94 -0.87 0.00	36.30 -0.93 0.00	35.72 -0.91 0.00	35.21 -1.05 0.00	35.52 -1.10 0.00	38.71 -1.11 0.00	39.37 -0.97 0.00	42.96 -0.70 0.00	45.24 -0.69 0.00	46.60 -0.62 0.00	38.64 -0.51 0.00	34.86 -0.39 0.00	32.85 -0.71 0.00
BEEBEE_GT_13 23619	33.03 -0.27 0.00	28.24 -1.09 0.00	27.03 -0.95 0.00	26.28 -0.90 0.00	27.14 -0.90 0.00	30.21 -0.84 0.00	37.85 -1.17 0.00	40.00 -1.75 0.00	41.85 -2.16 0.01	38.11 -2.52 0.00	37.07 -1.87 0.01	35.96 -1.85 0.00	35.44 -1.79 0.00	34.91 -1.72 0.01	34.55 -1.70 0.01	34.86 -1.76 0.00	37.51 -2.31 0.01	38.11 -2.22 0.01	41.74 -1.92 0.00	44.27 -1.65 0.00	45.47 -1.75 0.00	37.74 -1.41 0.00	33.98 -1.27 0.00	32.21 -1.34 0.00
BENSHRST_27_KV_BENSHRST_1 355998	35.53 2.23 0.00	31.53 2.20 0.00	30.03 2.04 0.00	29.16 1.98 0.00	30.03 1.99 0.00	33.10 2.05 0.00	41.71 2.69 0.00	45.14 3.38 0.00	48.09 4.05 -0.03	44.56 3.90 -0.03	42.53 3.58 0.00	41.32 3.48 -0.03	50.96 3.42 -10.31	53.25 3.44 -13.17	39.71 3.41 -0.03	53.32 3.33 -13.37	52.06 3.86 -8.37	44.10 3.75 0.00	50.01 3.62 -2.72	49.50 3.58 0.00	51.04 3.82 0.00	42.35 3.17 -0.03	38.14 2.89 0.00	36.24 2.68 0.00
BETHLEHEM___GRP 23843	33.80 0.50 0.00	29.91 0.59 0.00	28.52 0.53 0.00	27.72 0.54 0.00	28.60 0.56 0.00	31.51 0.47 0.00	39.49 0.47 0.00	42.47 0.71 0.00	44.76 0.75 0.00	41.49 0.85 0.00	39.77 0.82 0.00	38.64 0.83 0.00	38.01 0.78 0.00	37.44 0.81 0.00	37.06 0.80 0.00	37.39 0.77 0.00	40.71 0.88 0.00	41.07 0.73 0.00	44.36 0.70 0.00	46.52 0.60 0.00	47.88 0.66 0.00	39.82 0.67 0.00	35.92 0.67 0.00	34.23 0.67 0.00
BETHLEHEM___GS1 323560	33.80 0.50 0.00	29.91 0.59 0.00	28.51 0.53 0.00	27.72 0.54 0.00	28.60 0.56 0.00	31.52 0.47 0.00	39.49 0.47 0.00	42.47 0.71 0.00	44.76 0.75 0.00	41.49 0.85 0.00	39.77 0.82 0.00	38.61 0.80 0.00	38.01 0.78 0.00	37.44 0.80 0.00	37.06 0.80 0.00	37.39 0.77 0.00	40.70 0.88 0.00	41.07 0.73 0.00	44.36 0.70 0.00	46.52 0.60 0.00	47.88 0.66 0.00	39.82 0.66 0.00	35.92 0.67 0.00	34.16 0.60 0.00
BETHLEHEM___GS2 323561	33.80 0.50 0.00	29.91 0.59 0.00	28.51 0.53 0.00	27.72 0.54 0.00	28.60 0.56 0.00	31.52 0.47 0.00	39.49 0.47 0.00	42.47 0.71 0.00	44.76 0.75 0.00	41.49 0.85 0.00	39.77 0.82 0.00	38.61 0.80 0.00	38.01 0.78 0.00	37.44 0.80 0.00	37.06 0.80 0.00	37.39 0.77 0.00	40.70 0.88 0.00	41.07 0.73 0.00	44.36 0.70 0.00	46.52 0.60 0.00	47.88 0.66 0.00	39.82 0.66 0.00	35.92 0.67 0.00	34.16 0.60 0.00
BETHLEHEM___GS3 323562	33.80 0.50 0.00	29.91 0.59 0.00	28.51 0.53 0.00	27.72 0.54 0.00	28.60 0.56 0.00	31.52 0.47 0.00	39.49 0.47 0.00	42.47 0.71 0.00	44.76 0.75 0.00	41.49 0.85 0.00	39.77 0.82 0.00	38.61 0.80 0.00	38.01 0.78 0.00	37.44 0.80 0.00	37.06 0.80 0.00	37.39 0.77 0.00	40.70 0.88 0.00	41.07 0.73 0.00	44.36 0.70 0.00	46.52 0.60 0.00	47.88 0.66 0.00	39.82 0.66 0.00	35.92 0.67 0.00	34.16 0.60 0.00
BETHLEHEM___STEEL 23779	32.90 -0.40 0.00	27.66 -1.67 0.00	26.50 -1.48 0.00	25.76 -1.41 0.00	26.64 -1.40 0.00	29.59 -1.46 0.00	37.03 -1.99 0.00	38.67 -3.09 0.00	40.30 -3.70 0.02	37.37 -3.21 0.05	35.70 -3.23 0.02	34.60 -3.21 0.00	34.06 -3.16 0.00	33.55 -3.08 0.01	33.35 -2.90 0.02	33.51 -3.11 0.00	36.23 -3.58 0.02	36.61 -3.71 0.02	40.21 -3.45 0.00	43.03 -2.89 0.00	43.91 -3.31 0.00	36.76 -2.39 0.00	33.14 -2.12 0.00	31.41 -2.15 0.00
BETHLHEM_115KV_TB1 79974	33.87 0.57 0.00	29.94 0.62 0.00	28.57 0.59 0.00	27.75 0.57 0.00	28.63 0.59 0.00	31.58 0.53 0.00	39.56 0.55 0.00	42.55 0.79 0.00	44.85 0.84 0.00	41.57 0.93 0.00	39.84 0.90 0.00	38.68 0.87 0.00	38.08 0.86 0.00	37.48 0.84 0.00	37.14 0.87 0.00	37.42 0.81 0.00	40.79 0.96 0.00	41.19 0.85 0.00	44.45 0.79 0.00	46.61 0.69 0.00	48.02 0.80 0.00	39.90 0.74 0.00	35.99 0.74 0.00	34.29 0.74 0.00
BETHPAGE_CC_5 323564	36.07 2.76 -0.01	31.95 2.61 -0.01	30.46 2.46 -0.01	29.60 2.42 -0.01	30.52 2.47 -0.01	33.73 2.67 -0.01	42.38 3.36 -0.01	45.44 3.68 -0.01	48.12 4.09 -0.01	47.46 3.90 -2.92	50.66 3.19 -8.52	49.41 3.06 -8.54	48.55 3.05 -8.27	48.80 3.04 -9.13	52.09 3.01 -12.82	54.63 2.89 -15.12	47.93 3.38 -4.71	50.14 3.35 -6.45	47.66 3.32 -0.68	54.80 3.45 -5.43	50.86 3.64 -0.01	48.79 2.97 -6.67	44.74 3.03 -6.46	36.64 2.99 -0.10
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.97 -0.33 0.00	27.66 -1.67 0.00	26.53 -1.46 0.00	25.76 -1.41 0.00	26.66 -1.37 0.00	29.62 -1.43 0.00	37.03 -1.99 0.00	38.71 -3.05 0.00	40.34 -3.65 0.02	37.62 -2.97 0.05	35.77 -3.15 0.02	34.64 -3.18 0.00	34.10 -3.13 0.00	33.59 -3.04 0.01	33.38 -2.87 0.02	33.54 -3.08 0.00	36.34 -3.47 0.02	36.69 -3.63 0.02	40.26 -3.41 0.00	43.08 -2.85 0.00	43.96 -3.26 0.00	36.80 -2.35 0.00	33.17 -2.08 0.00	31.41 -2.15 0.00
BINGHAMTON___COGEN 23790	33.53 0.23 0.00	29.27 -0.06 0.00	27.96 -0.03 0.00	27.18 0.00 0.00	28.07 0.03 0.00	31.14 0.09 0.00	39.21 0.20 0.00	41.72 -0.04 0.00	43.87 -0.13 0.01	40.59 -0.04 0.00	38.78 -0.16 0.01	37.62 -0.19 0.00	37.00 -0.22 0.00	36.45 -0.18 0.01	36.11 -0.15 0.01	36.40 -0.22 0.00	39.58 -0.24 0.01	40.09 -0.24 0.01	43.53 -0.13 0.00	46.01 0.09 0.00	47.26 0.05 0.00	39.19 0.04 0.00	35.25 0.00 0.00	33.49 -0.07 0.00

BIXINCNT_115KV_LOAD 355685	33.20 -0.10 0.00	27.83 -1.50 0.00	26.58 -1.40 0.00	25.84 -1.33 0.00	26.69 -1.35 0.00	29.71 -1.34 0.00	37.18 -1.83 0.00	38.88 -2.88 0.00	40.60 -3.39 0.02	38.33 -2.28 0.03	35.85 -3.08 0.02	34.67 -3.14 0.00	34.14 -3.09 0.00	33.55 -3.08 0.01	33.34 -2.90 0.02	33.51 -3.11 0.00	36.54 -3.27 0.02	36.85 -3.47 0.02	40.43 -3.23 0.00	43.40 -2.53 0.00	44.33 -2.88 0.00	37.04 -2.11 0.00	33.35 -1.90 0.00	31.54 -2.01 0.00
BLACK RIVER___HYD 24047	32.80 -0.50 0.00	28.89 -0.44 0.00	27.54 -0.45 0.00	26.80 -0.38 0.00	27.76 -0.28 0.00	31.02 -0.03 0.00	38.98 -0.04 0.00	41.55 -0.21 0.00	43.57 -0.44 0.00	39.74 -0.89 0.00	38.13 -0.82 0.00	36.91 -0.91 0.00	36.22 -1.00 0.00	35.65 -0.99 0.00	35.25 -1.02 0.00	35.59 -1.03 0.00	38.84 -0.99 0.00	39.49 -0.85 0.00	43.27 -0.39 0.00	45.69 -0.23 0.00	47.07 -0.14 0.00	39.00 -0.16 0.00	35.04 -0.21 0.00	33.05 -0.50 0.00
BLACKRVR_115KV_TB2 79977	32.80 -0.50 0.00	28.89 -0.44 0.00	27.54 -0.45 0.00	26.80 -0.38 0.00	27.76 -0.28 0.00	31.02 -0.03 0.00	38.98 -0.04 0.00	41.55 -0.21 0.00	43.57 -0.44 0.00	39.74 -0.89 0.00	38.13 -0.82 0.00	36.91 -0.91 0.00	36.22 -1.01 0.00	35.65 -0.99 0.00	35.25 -1.02 0.00	35.59 -1.03 0.00	38.83 -1.00 0.00	39.50 -0.85 0.00	43.27 -0.39 0.00	45.69 -0.23 0.00	47.07 -0.14 0.00	39.00 -0.16 0.00	35.04 -0.21 0.00	33.05 -0.50 0.00
BLDWN_LI_69_KV_BK4 356085	35.98 2.66 -0.01	31.89 2.55 -0.01	30.40 2.41 -0.01	29.55 2.36 -0.01	30.43 2.38 -0.01	33.67 2.61 -0.01	42.35 3.32 -0.01	45.44 3.67 -0.01	48.12 4.09 -0.01	47.73 3.82 -3.27	51.64 3.15 -9.54	50.43 3.06 -9.56	49.50 3.02 -9.26	49.86 3.00 -10.22	53.59 2.97 -14.35	56.41 2.86 -16.93	48.49 3.39 -5.28	50.91 3.35 -7.22	47.74 3.32 -0.76	55.40 3.40 -6.08	50.91 3.68 -0.01	49.59 2.98 -7.46	45.48 3.00 -7.23	36.66 2.99 -0.12
BLISS_WT_PWR 323608	33.20 -0.10 0.00	27.80 -1.53 0.00	26.53 -1.46 0.00	25.79 -1.38 0.00	26.66 -1.37 0.00	29.65 -1.40 0.00	37.15 -1.87 0.00	38.83 -2.92 0.00	40.60 -3.39 0.02	38.24 -2.36 0.03	35.77 -3.15 0.02	34.68 -3.14 0.00	34.06 -3.16 0.00	33.47 -3.15 0.01	33.27 -2.97 0.02	33.43 -3.19 0.00	36.34 -3.47 0.02	36.77 -3.55 0.02	40.39 -3.28 0.00	43.35 -2.57 0.00	44.43 -2.79 0.00	37.00 -2.15 0.00	33.31 -1.94 0.00	31.71 -1.85 0.00
BLUESTONE___WT_PWR 323821	36.26 2.96 0.00	31.88 2.55 0.00	30.33 2.35 0.00	29.59 2.42 0.00	30.73 2.69 0.00	34.40 3.35 0.00	43.35 4.33 0.00	46.31 4.55 0.00	48.79 4.75 -0.02	44.66 4.02 0.00	42.95 3.97 -0.02	41.44 3.63 0.00	40.54 3.31 0.00	39.76 3.11 -0.01	39.59 3.30 -0.03	38.12 1.50 0.00	41.59 1.75 -0.01	42.09 1.73 -0.01	45.80 2.14 0.00	48.40 2.48 0.00	49.72 2.50 0.00	41.15 2.00 0.00	36.87 1.62 0.00	35.00 1.44 0.00
BLUE_CIRC_CHEM_DRP 24182	34.17 0.87 0.00	30.21 0.88 0.00	28.80 0.81 0.00	27.99 0.82 0.00	28.88 0.84 0.00	31.86 0.81 0.00	39.92 0.90 0.00	42.89 1.13 0.00	45.20 1.19 0.00	41.85 1.22 0.00	40.08 1.13 0.00	38.87 1.06 0.00	38.27 1.04 0.00	37.66 1.03 0.00	37.32 1.05 0.00	37.61 0.99 0.00	41.02 1.19 0.00	41.47 1.13 0.00	44.80 1.14 0.00	47.02 1.10 0.00	48.40 1.18 0.00	40.17 1.02 0.00	36.27 1.02 0.00	34.56 1.01 0.00
BOC_GAS_DRP 24189	34.00 0.70 0.00	30.06 0.73 0.00	28.68 0.70 0.00	27.86 0.68 0.00	28.74 0.70 0.00	31.70 0.65 0.00	39.76 0.74 0.00	42.76 1.00 0.00	45.11 1.10 0.00	41.77 1.14 0.00	40.00 1.05 0.00	38.83 1.02 0.00	38.23 1.01 0.00	37.62 0.99 0.00	37.28 1.02 0.00	37.57 0.95 0.00	40.94 1.12 0.00	41.39 1.05 0.00	44.67 1.00 0.00	46.89 0.96 0.00	48.30 1.09 0.00	40.05 0.90 0.00	36.17 0.92 0.00	34.46 0.91 0.00
BOONVILLE_115KV_TB1 79983	33.60 0.30 0.00	29.59 0.26 0.00	28.21 0.22 0.00	27.42 0.24 0.00	28.37 0.34 0.00	31.55 0.50 0.00	39.64 0.62 0.00	42.38 0.63 0.00	44.63 0.62 0.00	41.00 0.37 0.00	39.38 0.43 0.00	38.12 0.30 0.00	37.49 0.26 0.00	36.89 0.26 0.00	36.45 0.18 0.00	36.73 0.11 0.00	40.07 0.24 0.00	40.63 0.28 0.00	44.14 0.48 0.00	46.47 0.55 0.00	47.83 0.61 0.00	39.66 0.51 0.00	35.71 0.46 0.00	33.79 0.23 0.00
BORALEX_4TH_BRANCH 23824	35.00 1.70 0.00	30.88 1.55 0.00	29.44 1.46 0.00	28.59 1.41 0.00	29.52 1.49 0.00	32.57 1.52 0.00	40.85 1.83 0.00	44.05 2.30 0.00	46.26 2.24 0.00	42.99 2.36 0.00	41.13 2.18 0.00	39.93 2.12 0.00	39.27 2.05 0.00	38.69 2.05 0.00	38.30 2.03 0.00	38.60 1.98 0.00	42.10 2.27 0.00	42.56 2.22 0.00	45.98 2.31 0.00	48.31 2.39 0.00	49.72 2.50 0.00	41.19 2.04 0.00	37.15 1.90 0.00	35.33 1.78 0.00
BOWLINE___1 23526	34.93 1.63 0.00	30.91 1.58 0.00	29.47 1.48 0.00	28.64 1.47 0.00	29.52 1.49 0.00	32.66 1.61 0.00	41.05 2.03 0.00	44.31 2.55 0.00	47.01 2.99 0.00	43.56 2.93 0.00	41.60 2.65 0.00	40.39 2.57 0.00	39.79 2.57 0.00	39.16 2.53 0.00	38.80 2.54 0.00	39.03 2.42 0.00	42.62 2.79 0.00	43.12 2.78 0.00	46.33 2.66 0.00	48.59 2.66 0.00	50.14 2.93 0.00	41.54 2.39 0.00	37.44 2.19 0.00	35.60 2.05 0.00
BOWLINE___2 23595	34.93 1.63 0.00	30.91 1.58 0.00	29.47 1.48 0.00	28.64 1.47 0.00	29.52 1.49 0.00	32.66 1.61 0.00	41.05 2.03 0.00	44.31 2.55 0.00	47.01 2.99 0.00	43.56 2.93 0.00	41.60 2.65 0.00	40.39 2.57 0.00	39.79 2.57 0.00	39.16 2.53 0.00	38.80 2.54 0.00	39.03 2.42 0.00	42.62 2.79 0.00	43.12 2.78 0.00	46.33 2.66 0.00	48.59 2.66 0.00	50.14 2.93 0.00	41.54 2.39 0.00	37.44 2.19 0.00	35.60 2.05 0.00
BRADY___115KV_TB2 356060	33.20 -0.10 0.00	29.33 0.00 0.00	27.96 -0.03 0.00	27.09 -0.08 0.00	27.93 -0.11 0.00	31.02 -0.03 0.00	39.02 0.00 0.00	41.76 0.00 0.00	43.79 -0.22 0.00	40.31 -0.33 0.00	38.56 -0.39 0.00	37.47 -0.34 0.00	36.89 -0.34 0.00	36.27 -0.37 0.00	35.87 -0.40 0.00	36.29 -0.33 0.00	39.51 -0.32 0.00	40.10 -0.24 0.00	43.62 -0.04 0.00	45.65 -0.28 0.00	47.17 -0.05 0.00	39.35 0.20 0.00	35.36 0.11 0.00	33.52 -0.03 0.00
BRANSCOMB___SOLAR 323811	34.76 1.46 0.00	30.71 1.38 0.00	29.30 1.32 0.00	28.45 1.28 0.00	29.38 1.35 0.00	32.45 1.40 0.00	40.97 1.95 0.00	44.14 2.38 0.00	46.52 2.51 0.00	43.11 2.48 0.00	41.21 2.26 0.00	39.97 2.15 0.00	39.31 2.08 0.00	38.69 2.05 0.00	38.37 2.10 0.00	38.67 2.05 0.00	42.22 2.39 0.00	42.48 2.14 0.00	45.93 2.27 0.00	48.17 2.25 0.00	49.57 2.36 0.00	41.07 1.92 0.00	37.05 1.80 0.00	35.17 1.61 0.00
BRDGHMPT_69_KV_BK1 55812	37.37 4.06 -0.01	33.06 3.72 -0.01	31.57 3.58 -0.01	30.64 3.45 -0.01	31.47 3.42 -0.01	34.60 3.54 -0.01	43.44 4.41 -0.01	46.78 5.01 -0.01	49.39 5.37 -0.01	48.26 5.12 -2.50	50.29 4.05 -7.29	48.94 3.82 -7.30	47.99 3.69 -7.08	48.07 3.63 -7.81	50.86 3.63 -10.97	53.04 3.48 -12.94	47.85 3.98 -4.03	49.93 4.07 -5.52	48.35 4.10 -0.58	55.12 4.55 -4.65	51.95 4.72 -0.01	48.89 4.03 -5.71	44.80 4.02 -5.53	37.50 3.86 -0.09

BRENTWOD_69_KV_W. BRTWOOD 56703	36.44 3.13 -0.01	32.24 2.90 -0.01	30.76 2.77 -0.01	29.90 2.72 -0.01	30.79 2.75 -0.01	34.01 2.95 -0.01	42.77 3.75 -0.01	45.90 4.13 -0.01	48.42 4.40 -0.01	47.40 4.23 -2.54	49.75 3.39 -7.41	48.53 3.29 -7.42	47.66 3.24 -7.19	47.76 3.19 -7.94	50.61 3.19 -11.15	52.81 3.04 -13.15	47.55 3.62 -4.10	49.54 3.59 -5.61	47.88 3.62 -0.59	54.46 3.81 -4.73	51.24 4.01 -0.01	48.24 3.29 -5.80	44.25 3.38 -5.62	37.07 3.42 -0.09
BRISTLHL_115KV_TB1 79998	32.60 -0.70 0.00	28.59 -0.73 0.00	27.31 -0.67 0.00	26.52 -0.65 0.00	27.37 -0.67 0.00	30.40 -0.65 0.00	38.28 -0.74 0.00	40.76 -1.00 0.00	42.87 -1.14 0.00	39.46 -1.18 0.00	37.90 -1.05 0.00	36.75 -1.06 0.00	36.18 -1.04 0.00	35.65 -0.99 0.00	35.29 -0.98 0.00	35.59 -1.03 0.00	38.71 -1.12 0.00	39.25 -1.09 0.00	42.57 -1.09 0.00	44.87 -1.06 0.00	46.08 -1.13 0.00	38.17 -0.98 0.00	34.33 -0.92 0.00	32.68 -0.87 0.00
BROOKHAVEN___DRP 24191	36.57 3.26 -0.01	32.41 3.08 -0.01	30.93 2.94 -0.01	30.04 2.85 -0.01	30.93 2.89 -0.01	34.07 3.01 -0.01	42.85 3.82 -0.01	46.03 4.26 -0.01	48.55 4.53 -0.01	47.48 4.35 -2.50	49.70 3.47 -7.29	48.40 3.29 -7.30	47.54 3.24 -7.07	47.67 3.22 -7.81	50.42 3.19 -10.96	52.59 3.04 -12.94	47.49 3.62 -4.03	49.53 3.67 -5.51	47.95 3.71 -0.58	54.52 3.95 -4.65	51.33 4.11 -0.01	48.26 3.41 -5.70	44.34 3.56 -5.53	37.13 3.49 -0.09
BROOKLYN_NAVY_YARD 23515	35.27 1.96 0.00	31.26 1.94 0.00	29.80 1.82 0.00	28.94 1.77 0.00	29.83 1.80 0.00	32.97 1.93 0.00	41.52 2.50 0.00	44.85 3.09 0.00	47.71 3.70 0.00	44.25 3.62 0.00	42.22 3.27 0.00	40.99 3.18 0.00	40.39 3.16 0.00	39.79 3.15 0.00	39.39 3.12 0.00	39.66 3.04 0.00	43.29 3.46 0.00	43.77 3.43 0.00	46.94 3.28 0.00	49.18 3.26 0.00	50.71 3.49 0.00	42.01 2.86 0.00	37.86 2.61 0.00	35.97 2.42 0.00
BROOKLYN___ARMY_DRP 323595	35.43 2.13 0.00	31.44 2.11 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.94 1.91 0.00	33.00 1.96 0.00	41.59 2.58 0.00	44.97 3.22 0.00	47.91 3.87 -0.03	44.40 3.74 -0.03	42.37 3.43 0.00	41.17 3.33 -0.03	50.81 3.28 -10.31	53.10 3.30 -13.17	39.56 3.26 -0.03	53.14 3.15 -13.37	51.90 3.70 -8.37	43.93 3.59 0.00	49.79 3.41 -2.72	49.32 3.40 0.00	50.85 3.64 0.00	42.20 3.01 -0.03	38.00 2.75 0.00	36.11 2.55 0.00
BROOME_2_LFGE 323671	33.54 0.23 0.00	29.27 -0.06 0.00	27.96 -0.03 0.00	27.18 0.00 0.00	28.07 0.03 0.00	31.14 0.09 0.00	39.21 0.20 0.00	41.72 -0.04 0.00	43.87 -0.13 0.01	40.59 -0.04 0.00	38.78 -0.16 0.01	37.62 -0.19 0.00	37.00 -0.22 0.00	36.45 -0.18 0.01	36.11 -0.14 0.01	36.40 -0.22 0.00	39.58 -0.24 0.01	40.09 -0.24 0.01	43.53 -0.13 0.00	46.01 0.09 0.00	47.26 0.05 0.00	39.19 0.04 0.00	35.25 0.00 0.00	33.56 0.00 0.00
BROOME___LFGE 323600	33.54 0.23 0.00	29.27 -0.06 0.00	27.96 -0.03 0.00	27.18 0.00 0.00	28.07 0.03 0.00	31.14 0.09 0.00	39.21 0.20 0.00	41.72 -0.04 0.00	43.87 -0.13 0.01	40.59 -0.04 0.00	38.78 -0.16 0.01	37.62 -0.19 0.00	37.00 -0.22 0.00	36.45 -0.18 0.01	36.11 -0.14 0.01	36.40 -0.22 0.00	39.58 -0.24 0.01	40.09 -0.24 0.01	43.53 -0.13 0.00	46.01 0.09 0.00	47.26 0.05 0.00	39.19 0.04 0.00	35.25 0.00 0.00	33.56 0.00 0.00
BROWNFLS_115KV_TB 3_5 80003	32.27 -1.03 0.00	28.48 -0.85 0.00	27.14 -0.84 0.00	26.36 -0.82 0.00	27.22 -0.81 0.00	30.30 -0.75 0.00	38.12 -0.90 0.00	40.80 -0.96 0.00	42.87 -1.14 0.00	39.33 -1.30 0.00	37.70 -1.25 0.00	36.57 -1.25 0.00	35.96 -1.27 0.00	35.43 -1.21 0.00	34.93 -1.34 0.00	35.23 -1.39 0.00	38.40 -1.43 0.00	38.97 -1.37 0.00	42.44 -1.22 0.00	44.50 -1.42 0.00	45.94 -1.27 0.00	38.21 -0.94 0.00	34.40 -0.85 0.00	32.48 -1.07 0.00
BROWNSV1_27_KV_LOAD 356125	35.57 2.26 0.00	31.50 2.17 0.00	30.03 2.04 0.00	29.16 1.98 0.00	30.06 2.02 0.00	33.19 2.14 0.00	41.83 2.81 0.00	45.22 3.47 0.00	48.06 4.05 0.00	44.58 3.94 0.00	42.53 3.58 0.00	41.29 3.48 0.00	40.69 3.46 0.00	40.08 3.44 0.00	39.68 3.41 0.00	39.95 3.33 0.00	43.69 3.86 0.00	44.14 3.79 0.00	47.33 3.67 0.00	49.55 3.63 0.00	51.13 3.92 0.00	42.32 3.17 0.00	38.11 2.86 0.00	36.24 2.68 0.00
BURROWS___LYONSDAL 23803	33.40 0.10 0.00	29.41 0.09 0.00	28.04 0.06 0.00	27.28 0.11 0.00	28.21 0.17 0.00	31.39 0.34 0.00	39.45 0.43 0.00	42.13 0.38 0.00	44.36 0.35 0.00	40.76 0.12 0.00	39.10 0.16 0.00	37.85 0.04 0.00	37.19 -0.04 0.00	36.60 -0.04 0.00	36.12 -0.15 0.00	36.44 -0.18 0.00	39.75 -0.08 0.00	40.30 -0.04 0.00	43.88 0.22 0.00	46.15 0.23 0.00	47.55 0.33 0.00	39.39 0.23 0.00	35.53 0.28 0.00	33.56 0.00 0.00
CAITHNESS_CC_1 323624	36.44 3.13 -0.01	32.27 2.93 -0.01	30.82 2.83 -0.01	29.93 2.74 -0.01	30.82 2.78 -0.01	33.95 2.89 -0.01	42.74 3.71 -0.01	45.82 4.05 -0.01	48.38 4.36 -0.01	47.32 4.19 -2.50	49.54 3.31 -7.29	48.25 3.14 -7.30	47.42 3.13 -7.07	47.52 3.08 -7.80	50.30 3.08 -10.96	52.48 2.93 -12.93	47.32 3.46 -4.03	49.36 3.51 -5.51	47.78 3.54 -0.58	54.33 3.77 -4.65	51.14 3.92 -0.01	48.10 3.25 -5.70	44.19 3.42 -5.52	37.00 3.36 -0.09
CALPINE BETH_PAGE_GT4 24209	36.08 2.76 -0.01	31.95 2.61 -0.01	30.46 2.46 -0.01	29.61 2.42 -0.01	30.49 2.44 -0.01	33.70 2.64 -0.01	42.31 3.28 -0.01	45.36 3.59 -0.01	48.03 4.01 -0.01	47.57 3.82 -3.12	51.14 3.12 -9.08	49.93 3.03 -9.09	49.01 2.98 -8.81	49.33 2.97 -9.72	52.86 2.94 -13.65	55.55 2.82 -16.11	48.20 3.35 -5.02	50.52 3.31 -6.87	47.61 3.23 -0.72	55.06 3.35 -5.79	50.77 3.54 -0.01	49.15 2.90 -7.10	45.06 2.93 -6.88	36.58 2.92 -0.11
CALPINE_BETH_PAGE_GT_4 323586	36.04 2.73 -0.01	31.92 2.58 -0.01	30.46 2.46 -0.01	29.58 2.39 -0.01	30.49 2.44 -0.01	33.70 2.64 -0.01	42.31 3.28 -0.01	45.36 3.59 -0.01	48.03 4.00 -0.01	47.57 3.82 -3.12	51.15 3.12 -9.08	49.93 3.03 -9.09	49.05 3.01 -8.81	49.33 2.97 -9.72	52.86 2.94 -13.65	55.59 2.86 -16.11	48.16 3.30 -5.02	50.52 3.31 -6.87	47.61 3.23 -0.72	55.06 3.35 -5.79	50.77 3.54 -0.01	49.15 2.90 -7.10	45.06 2.92 -6.88	36.58 2.92 -0.11
CALPINE_BP_GT1 23823	36.04 2.73 -0.01	31.92 2.58 -0.01	30.46 2.46 -0.01	29.58 2.39 -0.01	30.49 2.44 -0.01	33.70 2.64 -0.01	42.31 3.28 -0.01	45.36 3.59 -0.01	48.03 4.00 -0.01	47.57 3.82 -3.12	51.15 3.12 -9.08	49.93 3.03 -9.09	49.05 3.01 -8.81	49.33 2.97 -9.72	52.86 2.94 -13.65	55.59 2.86 -16.11	48.16 3.30 -5.02	50.52 3.31 -6.87	47.61 3.23 -0.72	55.06 3.35 -5.79	50.77 3.54 -0.01	49.15 2.90 -7.10	45.06 2.92 -6.88	36.58 2.92 -0.11
CALSPAN___DRP 24200	32.90 -0.40 0.00	27.66 -1.67 0.00	26.50 -1.48 0.00	25.76 -1.41 0.00	26.64 -1.40 0.00	29.59 -1.46 0.00	37.03 -1.99 0.00	38.67 -3.09 0.00	40.30 -3.70 0.02	37.37 -3.21 0.05	35.70 -3.23 0.02	34.60 -3.21 0.00	34.06 -3.16 0.00	33.55 -3.08 0.01	33.35 -2.90 0.02	33.51 -3.11 0.00	36.23 -3.58 0.02	36.61 -3.71 0.02	40.21 -3.45 0.00	43.03 -2.89 0.00	43.91 -3.31 0.00	36.76 -2.39 0.00	33.14 -2.12 0.00	31.41 -2.15 0.00

CALVERTON___SOLAR 323806	36.74 3.43 -0.01	32.53 3.20 -0.01	31.04 3.05 -0.01	30.15 2.96 -0.01	31.05 3.00 -0.01	34.19 3.13 -0.01	43.01 3.98 -0.01	46.19 4.42 -0.01	48.78 4.75 -0.01	47.64 4.51 -2.50	49.82 3.58 -7.29	48.52 3.40 -7.30	47.69 3.39 -7.07	47.78 3.33 -7.81	50.53 3.30 -10.96	52.74 3.18 -12.94	47.61 3.74 -4.03	49.65 3.79 -5.51	48.08 3.84 -0.58	54.71 4.13 -4.65	51.52 4.30 -0.01	48.46 3.60 -5.70	44.48 3.70 -5.53	37.24 3.59 -0.09
CANDIGU_WT_PWR 323617	33.23 -0.07 0.00	28.48 -0.85 0.00	27.26 -0.73 0.00	26.47 -0.71 0.00	27.34 -0.70 0.00	30.43 -0.62 0.00	38.24 -0.78 0.00	40.21 -1.54 0.00	41.87 -2.11 0.03	38.38 -1.99 0.26	36.81 -2.10 0.03	35.81 -2.01 0.00	35.22 -2.01 0.00	34.57 -2.05 0.02	34.31 -1.92 0.03	34.57 -2.05 0.00	37.41 -2.39 0.04	38.01 -2.30 0.04	41.66 -2.01 0.00	44.59 -1.33 0.00	45.75 -1.46 0.00	38.02 -1.14 0.00	34.19 -1.06 0.00	32.51 -1.04 0.00
CARR STREET_E_SYR 24060	33.07 -0.23 0.00	28.94 -0.38 0.00	27.65 -0.33 0.00	26.85 -0.32 0.00	27.73 -0.31 0.00	30.77 -0.28 0.00	38.75 -0.27 0.00	41.26 -0.50 0.00	43.44 -0.57 0.00	39.98 -0.65 0.00	38.40 -0.55 0.00	37.25 -0.57 0.00	36.67 -0.56 0.00	36.12 -0.51 0.00	35.76 -0.51 0.00	36.07 -0.55 0.00	39.23 -0.60 0.00	39.74 -0.60 0.00	43.09 -0.57 0.00	45.46 -0.46 0.00	46.70 -0.52 0.00	38.69 -0.47 0.00	34.79 -0.46 0.00	33.12 -0.44 0.00
CARTHAGE___PAPER 23857	32.73 -0.57 0.00	28.86 -0.47 0.00	27.48 -0.50 0.00	26.74 -0.44 0.00	27.67 -0.37 0.00	30.89 -0.15 0.00	38.82 -0.19 0.00	41.47 -0.29 0.00	43.49 -0.53 0.00	39.74 -0.89 0.00	38.09 -0.86 0.00	36.87 -0.94 0.00	36.22 -1.00 0.00	35.61 -1.03 0.00	35.18 -1.09 0.00	35.48 -1.14 0.00	38.71 -1.11 0.00	39.42 -0.93 0.00	43.09 -0.57 0.00	45.42 -0.50 0.00	46.84 -0.38 0.00	38.80 -0.35 0.00	34.93 -0.32 0.00	32.92 -0.64 0.00
CASSADAGA_WT_PWR 323784	33.23 -0.07 0.00	27.71 -1.61 0.00	26.61 -1.37 0.00	25.84 -1.33 0.00	26.75 -1.29 0.00	29.68 -1.37 0.00	37.22 -1.79 0.00	39.04 -2.71 0.00	40.69 -3.30 0.02	37.83 -2.76 0.04	35.85 -3.08 0.02	34.68 -3.14 0.00	33.99 -3.24 0.00	33.33 -3.30 0.01	33.02 -3.23 0.02	33.40 -3.22 0.00	36.11 -3.70 0.02	36.81 -3.51 0.02	40.52 -3.14 0.00	43.72 -2.20 0.00	44.71 -2.50 0.00	37.27 -1.88 0.00	33.42 -1.83 0.00	31.68 -1.88 0.00
CE_DUNWOOD___DRP 24194	35.20 1.90 0.00	31.14 1.82 0.00	29.69 1.71 0.00	28.86 1.68 0.00	29.72 1.68 0.00	32.85 1.80 0.00	41.36 2.34 0.00	44.64 2.88 0.00	47.40 3.39 0.00	43.97 3.33 0.00	41.95 3.00 0.00	40.72 2.91 0.00	40.13 2.90 0.00	39.53 2.89 0.00	39.13 2.87 0.00	39.36 2.75 0.00	43.06 3.23 0.00	43.49 3.15 0.00	46.72 3.06 0.00	48.95 3.03 0.00	50.52 3.31 0.00	41.82 2.66 0.00	37.68 2.43 0.00	35.87 2.32 0.00
CE_MILLWOOD___DRP 24193	35.07 1.76 0.00	31.06 1.73 0.00	29.61 1.62 0.00	28.75 1.58 0.00	29.64 1.60 0.00	32.79 1.74 0.00	41.20 2.18 0.00	44.47 2.71 0.00	47.23 3.21 0.00	43.76 3.13 0.00	41.75 2.80 0.00	40.57 2.76 0.00	39.94 2.72 0.00	39.35 2.71 0.00	38.99 2.72 0.00	39.22 2.60 0.00	42.86 3.03 0.00	43.33 2.99 0.00	46.55 2.88 0.00	48.77 2.85 0.00	50.33 3.12 0.00	41.70 2.54 0.00	37.61 2.36 0.00	35.77 2.21 0.00
CE_NYC2_DRP 24202	35.33 2.03 0.00	31.41 2.08 0.00	29.91 1.93 0.00	29.05 1.88 0.00	29.92 1.88 0.00	32.97 1.93 0.00	41.51 2.50 0.00	44.89 3.13 0.00	47.75 3.74 0.00	44.29 3.66 0.00	42.26 3.31 0.00	41.07 3.25 0.00	40.43 3.20 0.00	39.86 3.22 0.00	39.46 3.19 0.00	39.69 3.08 0.00	43.41 3.58 0.00	43.81 3.47 0.00	46.98 3.32 0.00	49.18 3.26 0.00	50.71 3.49 0.00	42.01 2.86 0.00	37.86 2.61 0.00	36.00 2.45 0.00
CE_NYC_DRP 24195	35.40 2.10 0.00	31.38 2.05 0.00	29.91 1.93 0.00	29.05 1.88 0.00	29.92 1.88 0.00	33.07 2.02 0.00	41.63 2.61 0.00	45.02 3.26 0.00	47.84 3.83 0.00	44.37 3.74 0.00	42.34 3.39 0.00	41.14 3.33 0.00	40.50 3.28 0.00	39.90 3.26 0.00	39.49 3.23 0.00	39.77 3.15 0.00	43.49 3.66 0.00	43.93 3.59 0.00	47.07 3.41 0.00	49.32 3.40 0.00	50.90 3.68 0.00	42.13 2.98 0.00	37.93 2.68 0.00	36.11 2.55 0.00
CHAFFEE___LFGE 323603	33.03 -0.27 0.00	27.68 -1.64 0.00	26.56 -1.43 0.00	25.82 -1.36 0.00	26.69 -1.35 0.00	29.65 -1.40 0.00	37.11 -1.91 0.00	38.79 -2.96 0.00	40.43 -3.56 0.02	37.67 -2.93 0.04	35.85 -3.08 0.02	34.83 -2.99 0.00	34.17 -3.05 0.00	33.66 -2.97 0.01	33.45 -2.79 0.02	33.65 -2.96 0.00	36.34 -3.47 0.02	36.77 -3.55 0.02	40.34 -3.32 0.00	43.21 -2.71 0.00	44.19 -3.02 0.00	36.88 -2.27 0.00	33.24 -2.01 0.00	31.74 -1.81 0.00
CHATEAUG_35_KV_LOAD 355732	33.17 -0.13 0.00	29.27 -0.06 0.00	27.93 -0.06 0.00	27.07 -0.11 0.00	27.87 -0.17 0.00	30.89 -0.16 0.00	38.94 -0.08 0.00	41.72 -0.04 0.00	43.88 -0.13 0.00	40.47 -0.16 0.00	38.75 -0.19 0.00	37.62 -0.19 0.00	37.04 -0.19 0.00	36.38 -0.26 0.00	35.94 -0.33 0.00	36.36 -0.26 0.00	39.55 -0.28 0.00	40.10 -0.24 0.00	43.49 -0.17 0.00	45.69 -0.23 0.00	47.22 0.00 0.00	39.19 0.04 0.00	35.25 0.00 0.00	33.49 -0.07 0.00
CHATEAUG_WT_PWR 323614	33.14 -0.17 0.00	29.24 -0.09 0.00	27.90 -0.08 0.00	27.04 -0.14 0.00	27.84 -0.19 0.00	30.89 -0.15 0.00	38.90 -0.12 0.00	41.67 -0.08 0.00	43.84 -0.18 0.00	40.43 -0.20 0.00	38.75 -0.19 0.00	37.62 -0.19 0.00	37.08 -0.15 0.00	36.38 -0.25 0.00	35.94 -0.33 0.00	36.36 -0.25 0.00	39.51 -0.32 0.00	40.06 -0.28 0.00	43.45 -0.22 0.00	45.60 -0.32 0.00	47.12 -0.09 0.00	39.15 0.00 0.00	35.18 -0.07 0.00	33.42 -0.13 0.00
CHAT_HIGH_FALL_HYD 323578	33.17 -0.13 0.00	29.27 -0.06 0.00	27.93 -0.06 0.00	27.07 -0.11 0.00	27.87 -0.17 0.00	30.89 -0.16 0.00	38.94 -0.08 0.00	41.72 -0.04 0.00	43.88 -0.13 0.00	40.47 -0.16 0.00	38.75 -0.19 0.00	37.62 -0.19 0.00	37.04 -0.19 0.00	36.38 -0.26 0.00	35.94 -0.33 0.00	36.36 -0.26 0.00	39.55 -0.28 0.00	40.10 -0.24 0.00	43.49 -0.17 0.00	45.69 -0.23 0.00	47.22 0.00 0.00	39.19 0.04 0.00	35.25 0.00 0.00	33.49 -0.07 0.00
CHAUTAUQUA___LFGE 323629	33.27 -0.03 0.00	27.89 -1.44 0.00	26.75 -1.23 0.00	26.01 -1.17 0.00	26.92 -1.12 0.00	29.90 -1.15 0.00	37.42 -1.60 0.00	39.17 -2.59 0.00	40.82 -3.17 0.02	37.82 -2.76 0.05	36.09 -2.84 0.02	35.02 -2.80 0.00	34.36 -2.87 0.00	33.77 -2.86 0.01	33.49 -2.76 0.02	33.76 -2.86 0.00	36.46 -3.35 0.02	37.06 -3.27 0.02	40.69 -2.97 0.00	43.72 -2.20 0.00	44.76 -2.46 0.00	37.31 -1.84 0.00	33.56 -1.69 0.00	31.95 -1.61 0.00
CHERRYST_13_KV_LD 356241	35.50 2.20 0.00	31.47 2.14 0.00	29.97 1.99 0.00	29.13 1.96 0.00	30.00 1.96 0.00	33.16 2.11 0.00	41.75 2.73 0.00	45.14 3.38 0.00	48.02 4.01 0.00	44.53 3.90 0.00	42.45 3.51 0.00	41.25 3.44 0.00	40.65 3.42 0.00	40.04 3.41 0.00	39.64 3.37 0.00	39.88 3.26 0.00	43.65 3.82 0.00	44.05 3.71 0.00	47.24 3.58 0.00	49.46 3.54 0.00	51.04 3.82 0.00	42.21 3.05 0.00	38.03 2.78 0.00	36.17 2.62 0.00

CHESTROR_138KV_BK263 355645	34.73 1.43 0.00	30.73 1.41 0.00	29.30 1.32 0.00	28.45 1.28 0.00	29.36 1.32 0.00	32.48 1.43 0.00	40.81 1.79 0.00	43.97 2.21 0.00	46.61 2.60 0.00	43.19 2.56 0.00	41.21 2.26 0.00	40.04 2.23 0.00	39.42 2.20 0.00	38.80 2.16 0.00	38.44 2.18 0.00	38.67 2.05 0.00	42.26 2.43 0.00	42.72 2.38 0.00	45.98 2.31 0.00	48.26 2.34 0.00	49.76 2.55 0.00	41.23 2.08 0.00	37.15 1.90 0.00	35.40 1.85 0.00
CH_MIDHUDSON___DRP 24192	34.93 1.63 0.00	30.91 1.58 0.00	29.47 1.48 0.00	28.64 1.47 0.00	29.50 1.46 0.00	32.63 1.58 0.00	41.01 1.99 0.00	44.26 2.51 0.00	46.92 2.90 0.00	43.48 2.84 0.00	41.48 2.53 0.00	40.31 2.50 0.00	39.68 2.46 0.00	39.05 2.42 0.00	38.70 2.43 0.00	38.93 2.31 0.00	42.54 2.71 0.00	43.01 2.66 0.00	46.28 2.62 0.00	48.49 2.57 0.00	50.05 2.83 0.00	41.46 2.31 0.00	37.40 2.15 0.00	35.64 2.08 0.00
CH_MISC_IPPS 23765	35.00 1.70 0.00	30.97 1.64 0.00	29.55 1.57 0.00	28.70 1.52 0.00	29.58 1.54 0.00	32.72 1.68 0.00	41.12 2.11 0.00	44.39 2.63 0.00	47.09 3.08 0.00	43.64 3.01 0.00	41.63 2.69 0.00	40.42 2.61 0.00	39.79 2.57 0.00	39.20 2.56 0.00	38.84 2.58 0.00	39.07 2.45 0.00	42.66 2.83 0.00	43.12 2.78 0.00	46.42 2.75 0.00	48.63 2.71 0.00	50.19 2.98 0.00	41.58 2.43 0.00	37.47 2.22 0.00	35.70 2.15 0.00
CH_RES_BVR_FALLS 23983	32.94 -0.37 0.00	29.06 -0.26 0.00	27.73 -0.25 0.00	26.90 -0.27 0.00	27.73 -0.31 0.00	30.74 -0.31 0.00	38.63 -0.39 0.00	41.38 -0.38 0.00	43.57 -0.44 0.00	40.23 -0.41 0.00	38.56 -0.39 0.00	37.44 -0.38 0.00	36.85 -0.37 0.00	36.23 -0.40 0.00	35.79 -0.47 0.00	36.22 -0.40 0.00	39.35 -0.48 0.00	39.86 -0.48 0.00	43.18 -0.48 0.00	45.37 -0.55 0.00	46.74 -0.47 0.00	38.84 -0.31 0.00	34.93 -0.32 0.00	33.22 -0.34 0.00
CH_RES_NIAGARA 23895	32.00 -1.30 0.00	26.98 -2.35 0.00	25.86 -2.13 0.00	25.14 -2.04 0.00	25.99 -2.05 0.00	28.84 -2.20 0.00	36.05 -2.97 0.00	37.58 -4.18 0.00	39.11 -4.89 0.02	35.60 -5.00 0.04	34.65 -4.28 0.02	33.65 -4.16 0.00	33.13 -4.09 0.00	32.67 -3.96 0.01	32.41 -3.84 0.02	32.63 -3.99 0.00	34.95 -4.86 0.02	35.49 -4.84 0.02	39.08 -4.58 0.00	41.74 -4.18 0.00	42.54 -4.67 0.00	35.59 -3.56 0.00	32.18 -3.07 0.00	30.54 -3.02 0.00
CH_RES_SYRACUSE 23985	33.14 -0.17 0.00	29.03 -0.29 0.00	27.70 -0.28 0.00	26.93 -0.25 0.00	27.79 -0.25 0.00	30.86 -0.19 0.00	38.90 -0.12 0.00	41.42 -0.34 0.00	43.57 -0.44 0.00	40.10 -0.53 0.00	38.52 -0.43 0.00	37.36 -0.45 0.00	36.78 -0.45 0.00	36.23 -0.40 0.00	35.87 -0.40 0.00	36.18 -0.44 0.00	39.31 -0.52 0.00	39.86 -0.48 0.00	43.23 -0.44 0.00	45.55 -0.37 0.00	46.79 -0.43 0.00	38.76 -0.39 0.00	34.86 -0.39 0.00	33.19 -0.37 0.00
CLINTON_WT_PWR 323605	33.14 -0.17 0.00	29.24 -0.09 0.00	27.90 -0.08 0.00	27.04 -0.14 0.00	27.84 -0.19 0.00	30.89 -0.15 0.00	38.90 -0.12 0.00	41.67 -0.08 0.00	43.84 -0.18 0.00	40.43 -0.20 0.00	38.75 -0.19 0.00	37.62 -0.19 0.00	37.08 -0.15 0.00	36.38 -0.25 0.00	35.94 -0.33 0.00	36.36 -0.25 0.00	39.51 -0.32 0.00	40.06 -0.28 0.00	43.45 -0.22 0.00	45.60 -0.32 0.00	47.12 -0.09 0.00	39.15 0.00 0.00	35.18 -0.07 0.00	33.42 -0.13 0.00
CLINTON___LFGE 323618	33.90 0.60 0.00	29.91 0.59 0.00	28.54 0.56 0.00	27.61 0.43 0.00	28.43 0.39 0.00	31.54 0.50 0.00	39.84 0.82 0.00	42.72 0.96 0.00	44.94 0.93 0.00	41.40 0.77 0.00	39.65 0.70 0.00	38.49 0.68 0.00	37.93 0.71 0.00	37.22 0.58 0.00	36.74 0.47 0.00	37.17 0.55 0.00	40.43 0.60 0.00	40.95 0.61 0.00	44.41 0.74 0.00	46.70 0.78 0.00	48.25 1.04 0.00	40.09 0.94 0.00	35.99 0.74 0.00	34.13 0.57 0.00
COBBLENY_34_KV_TB1 80064	33.03 -0.27 0.00	27.68 -1.64 0.00	26.56 -1.43 0.00	25.82 -1.36 0.00	26.69 -1.35 0.00	29.65 -1.40 0.00	37.11 -1.91 0.00	38.75 -3.01 0.00	40.43 -3.57 0.02	37.67 -2.93 0.04	35.85 -3.08 0.02	34.71 -3.10 0.00	34.17 -3.05 0.00	33.66 -2.97 0.01	33.45 -2.79 0.02	33.62 -3.00 0.00	36.38 -3.43 0.02	36.77 -3.55 0.02	40.30 -3.36 0.00	43.17 -2.76 0.00	44.05 -3.16 0.00	36.88 -2.27 0.00	33.24 -2.01 0.00	31.47 -2.08 0.00
COFFEEN___115KV_TB3 355620	32.93 -0.37 0.00	29.00 -0.32 0.00	27.62 -0.36 0.00	26.90 -0.27 0.00	27.90 -0.14 0.00	31.17 0.12 0.00	39.17 0.16 0.00	41.72 -0.04 0.00	43.70 -0.31 0.00	39.86 -0.77 0.00	38.25 -0.70 0.00	36.98 -0.83 0.00	36.30 -0.93 0.00	35.68 -0.95 0.00	35.32 -0.94 0.00	35.67 -0.95 0.00	38.95 -0.88 0.00	39.66 -0.69 0.00	43.53 -0.13 0.00	45.97 0.05 0.00	47.36 0.14 0.00	39.23 0.08 0.00	35.21 -0.04 0.00	33.19 -0.37 0.00
COLDSPRG_115KV_BK1 355956	33.77 0.47 0.00	28.12 -1.20 0.00	26.98 -1.01 0.00	26.22 -0.95 0.00	27.14 -0.90 0.00	30.18 -0.87 0.00	37.85 -1.17 0.00	39.67 -2.09 0.00	41.44 -2.55 0.02	39.06 -1.54 0.03	36.63 -2.30 0.02	35.39 -2.42 0.00	34.77 -2.46 0.00	34.13 -2.49 0.01	33.92 -2.32 0.02	34.13 -2.49 0.00	37.14 -2.67 0.02	37.50 -2.82 0.02	41.09 -2.58 0.00	44.22 -1.70 0.00	45.09 -2.12 0.00	37.78 -1.37 0.00	33.95 -1.30 0.00	32.01 -1.54 0.00
COLONIE_LFGE___ 323577	34.57 1.27 0.00	30.50 1.17 0.00	29.10 1.12 0.00	28.26 1.09 0.00	29.19 1.15 0.00	32.20 1.15 0.00	40.46 1.44 0.00	43.55 1.79 0.00	45.86 1.85 0.00	42.54 1.91 0.00	40.70 1.75 0.00	39.52 1.70 0.00	38.90 1.68 0.00	38.28 1.65 0.00	37.94 1.67 0.00	38.23 1.61 0.00	41.66 1.83 0.00	42.08 1.73 0.00	45.45 1.79 0.00	47.71 1.79 0.00	49.11 1.89 0.00	40.72 1.57 0.00	36.73 1.48 0.00	34.86 1.31 0.00
COOPERNY_115KV_TB1 80082	34.43 1.13 0.00	30.41 1.09 0.00	28.99 1.01 0.00	28.18 1.01 0.00	29.08 1.04 0.00	32.17 1.12 0.00	40.42 1.40 0.00	43.47 1.71 0.00	45.99 1.98 0.00	42.58 1.95 0.00	40.70 1.75 0.00	39.51 1.70 0.00	38.90 1.68 0.00	38.28 1.65 0.00	37.94 1.67 0.00	38.19 1.57 0.00	41.70 1.87 0.00	42.16 1.82 0.00	45.45 1.79 0.00	47.76 1.84 0.00	49.20 1.98 0.00	40.76 1.61 0.00	36.73 1.48 0.00	34.96 1.41 0.00
COPENHAGEN_WT_PWR 323753	32.77 -0.53 0.00	28.86 -0.47 0.00	27.48 -0.50 0.00	26.77 -0.41 0.00	27.70 -0.34 0.00	30.92 -0.12 0.00	38.86 -0.16 0.00	41.42 -0.34 0.00	43.49 -0.53 0.00	39.70 -0.93 0.00	38.09 -0.86 0.00	36.87 -0.94 0.00	36.18 -1.04 0.00	35.61 -1.03 0.00	35.21 -1.05 0.00	35.56 -1.06 0.00	38.79 -1.04 0.00	39.46 -0.89 0.00	43.18 -0.48 0.00	45.60 -0.32 0.00	46.98 -0.23 0.00	38.88 -0.27 0.00	34.93 -0.32 0.00	33.02 -0.54 0.00
CORNELL_____ 23752	34.00 0.70 0.00	29.74 0.41 0.00	28.38 0.39 0.00	27.58 0.41 0.00	28.49 0.45 0.00	31.70 0.65 0.00	40.03 1.01 0.00	42.64 0.88 0.00	44.80 0.70 -0.08	41.10 0.45 -0.02	39.42 0.39 -0.08	38.12 0.30 0.00	37.49 0.26 0.00	36.93 0.26 -0.04	36.68 0.33 -0.09	36.84 0.22 0.00	40.24 0.32 -0.09	40.84 0.40 -0.09	44.32 0.65 0.00	46.89 0.96 0.00	48.11 0.90 0.00	39.86 0.70 0.00	35.78 0.53 0.00	33.92 0.37 0.00

CORONA__69_KV_TB1 355595	35.91 2.60 -0.02	31.84 2.49 -0.02	30.32 2.32 -0.02	29.50 2.31 -0.02	30.38 2.33 -0.02	33.61 2.55 -0.02	42.31 3.28 -0.02	45.41 3.63 -0.02	48.12 4.09 -0.02	48.94 3.82 -4.48	55.21 3.19 -13.07	54.01 3.10 -13.09	53.00 3.09 -12.68	53.67 3.04 -14.00	58.97 3.05 -19.66	62.74 2.93 -23.19	50.49 3.43 -7.23	53.58 3.35 -9.89	48.02 3.32 -1.04	57.66 3.40 -8.33	50.87 3.64 -0.02	52.32 2.94 -10.23	48.12 2.96 -9.91	36.63 2.92 -0.16
CORTLAND__115KV_TB3 80093	33.70 0.40 0.00	29.50 0.18 0.00	28.15 0.17 0.00	27.37 0.19 0.00	28.26 0.22 0.00	31.39 0.34 0.00	39.56 0.55 0.00	42.18 0.42 0.00	44.34 0.31 -0.02	40.80 0.16 0.00	39.09 0.12 -0.02	37.89 0.08 0.00	37.30 0.07 0.00	36.72 0.07 -0.01	36.40 0.11 -0.02	36.69 0.07 0.00	39.97 0.12 -0.02	40.53 0.16 -0.02	43.97 0.31 0.00	46.43 0.51 0.00	47.69 0.47 0.00	39.54 0.39 0.00	35.53 0.28 0.00	33.72 0.17 0.00
COXSACKIE__GT 23611	34.63 1.33 0.00	30.62 1.29 0.00	29.19 1.20 0.00	28.37 1.19 0.00	29.27 1.23 0.00	32.35 1.30 0.00	40.58 1.56 0.00	43.72 1.96 0.00	45.99 1.98 0.00	42.34 1.71 0.00	40.35 1.40 0.00	39.14 1.32 0.00	38.45 1.23 0.00	37.84 1.21 0.00	37.57 1.30 0.00	37.93 1.32 0.00	41.46 1.63 0.00	42.00 1.65 0.00	45.63 1.97 0.00	47.76 1.84 0.00	49.24 2.03 0.00	40.84 1.68 0.00	36.70 1.45 0.00	35.07 1.51 0.00
CPV_VALLEY__CC1 323721	34.63 1.33 0.00	30.62 1.29 0.00	29.21 1.23 0.00	28.37 1.19 0.00	29.27 1.23 0.00	32.38 1.33 0.00	40.69 1.68 0.00	43.80 2.05 0.00	46.43 2.42 0.00	42.99 2.36 0.00	41.09 2.14 0.00	39.89 2.08 0.00	39.27 2.05 0.00	38.69 2.05 0.00	38.30 2.03 0.00	38.56 1.94 0.00	42.10 2.27 0.00	42.56 2.22 0.00	45.85 2.18 0.00	48.08 2.16 0.00	49.57 2.36 0.00	41.11 1.96 0.00	37.05 1.80 0.00	35.23 1.68 0.00
CPV_VALLEY__CC2 323722	34.63 1.33 0.00	30.62 1.29 0.00	29.21 1.23 0.00	28.37 1.19 0.00	29.27 1.23 0.00	32.38 1.33 0.00	40.69 1.68 0.00	43.80 2.05 0.00	46.43 2.42 0.00	42.99 2.36 0.00	41.09 2.14 0.00	39.89 2.08 0.00	39.27 2.05 0.00	38.69 2.05 0.00	38.30 2.03 0.00	38.56 1.94 0.00	42.10 2.27 0.00	42.56 2.22 0.00	45.85 2.18 0.00	48.08 2.16 0.00	49.57 2.36 0.00	41.11 1.96 0.00	37.05 1.80 0.00	35.23 1.68 0.00
CRESCENT__HYD 24018	34.57 1.27 0.00	30.50 1.17 0.00	29.10 1.12 0.00	28.26 1.09 0.00	29.19 1.15 0.00	32.20 1.15 0.00	40.46 1.44 0.00	43.55 1.79 0.00	45.86 1.85 0.00	42.54 1.91 0.00	40.70 1.75 0.00	39.52 1.70 0.00	38.90 1.68 0.00	38.28 1.65 0.00	37.94 1.67 0.00	38.23 1.61 0.00	41.66 1.83 0.00	42.08 1.73 0.00	45.45 1.79 0.00	47.71 1.79 0.00	49.11 1.89 0.00	40.72 1.57 0.00	36.73 1.48 0.00	34.86 1.31 0.00
CRICKET__VALLEY_CC1 323756	34.83 1.53 0.00	30.85 1.52 0.00	29.41 1.43 0.00	28.56 1.39 0.00	29.47 1.43 0.00	32.54 1.49 0.00	40.93 1.91 0.00	44.14 2.38 0.00	46.79 2.77 0.00	43.36 2.72 0.00	41.40 2.46 0.00	40.20 2.38 0.00	39.61 2.38 0.00	38.98 2.35 0.00	38.62 2.36 0.00	38.89 2.27 0.00	42.46 2.63 0.00	42.93 2.58 0.00	46.15 2.49 0.00	48.40 2.48 0.00	49.90 2.69 0.00	41.34 2.19 0.00	37.36 2.11 0.00	35.53 1.98 0.00
CRICKET__VALLEY_CC2 323757	34.83 1.53 0.00	30.85 1.52 0.00	29.41 1.43 0.00	28.56 1.39 0.00	29.47 1.43 0.00	32.54 1.49 0.00	40.93 1.91 0.00	44.14 2.38 0.00	46.79 2.77 0.00	43.36 2.72 0.00	41.40 2.46 0.00	40.20 2.38 0.00	39.61 2.38 0.00	38.98 2.35 0.00	38.62 2.36 0.00	38.89 2.27 0.00	42.46 2.63 0.00	42.93 2.58 0.00	46.15 2.49 0.00	48.40 2.48 0.00	49.90 2.69 0.00	41.34 2.19 0.00	37.36 2.11 0.00	35.53 1.98 0.00
CRICKET__VALLEY_CC3 323758	34.83 1.53 0.00	30.85 1.52 0.00	29.41 1.43 0.00	28.56 1.39 0.00	29.47 1.43 0.00	32.54 1.49 0.00	40.93 1.91 0.00	44.14 2.38 0.00	46.79 2.77 0.00	43.36 2.72 0.00	41.40 2.46 0.00	40.20 2.38 0.00	39.61 2.38 0.00	38.98 2.35 0.00	38.62 2.36 0.00	38.89 2.27 0.00	42.46 2.63 0.00	42.93 2.58 0.00	46.15 2.49 0.00	48.40 2.48 0.00	49.90 2.69 0.00	41.34 2.19 0.00	37.36 2.11 0.00	35.53 1.98 0.00
CRUCIBLE__METL_DRP 24180	33.10 -0.20 0.00	29.03 -0.29 0.00	27.70 -0.28 0.00	26.93 -0.24 0.00	27.79 -0.25 0.00	30.86 -0.19 0.00	38.90 -0.12 0.00	41.42 -0.33 0.00	43.57 -0.44 0.00	40.11 -0.53 0.00	38.52 -0.43 0.00	37.36 -0.45 0.00	36.78 -0.45 0.00	36.23 -0.40 0.00	35.87 -0.40 0.00	36.18 -0.44 0.00	39.31 -0.52 0.00	39.86 -0.48 0.00	43.23 -0.44 0.00	45.56 -0.37 0.00	46.79 -0.42 0.00	38.76 -0.39 0.00	34.86 -0.39 0.00	33.15 -0.40 0.00
DAHOWA__HYDRO 323763	34.83 1.53 0.00	30.76 1.44 0.00	29.33 1.34 0.00	28.51 1.33 0.00	29.44 1.40 0.00	32.51 1.46 0.00	41.08 2.07 0.00	44.31 2.55 0.00	46.70 2.69 0.00	43.24 2.60 0.00	41.32 2.38 0.00	40.08 2.27 0.00	39.42 2.20 0.00	38.80 2.16 0.00	38.44 2.18 0.00	38.78 2.16 0.00	42.34 2.51 0.00	42.60 2.26 0.00	46.06 2.40 0.00	48.36 2.43 0.00	49.72 2.50 0.00	41.19 2.03 0.00	37.12 1.87 0.00	35.27 1.71 0.00
DANC__LFGE 323619	32.64 -0.67 0.00	28.68 -0.65 0.00	27.37 -0.62 0.00	26.60 -0.57 0.00	27.53 -0.50 0.00	30.64 -0.40 0.00	38.55 -0.47 0.00	41.09 -0.67 0.00	43.13 -0.88 0.00	39.50 -1.14 0.00	37.90 -1.05 0.00	36.72 -1.10 0.00	36.07 -1.15 0.00	35.54 -1.10 0.00	35.14 -1.12 0.00	35.48 -1.14 0.00	38.67 -1.16 0.00	39.29 -1.05 0.00	42.88 -0.78 0.00	45.24 -0.69 0.00	46.55 -0.66 0.00	38.53 -0.63 0.00	34.65 -0.60 0.00	32.82 -0.74 0.00
DANSKAMMER__1 23586	35.00 1.70 0.00	30.97 1.64 0.00	29.55 1.57 0.00	28.70 1.52 0.00	29.58 1.54 0.00	32.72 1.68 0.00	41.12 2.11 0.00	44.39 2.63 0.00	47.09 3.08 0.00	43.64 3.01 0.00	41.63 2.69 0.00	40.42 2.61 0.00	39.79 2.57 0.00	39.20 2.56 0.00	38.84 2.58 0.00	39.07 2.45 0.00	42.66 2.83 0.00	43.12 2.78 0.00	46.42 2.75 0.00	48.63 2.71 0.00	50.19 2.98 0.00	41.58 2.43 0.00	37.47 2.22 0.00	35.70 2.15 0.00
DANSKAMMER__2 23589	35.00 1.70 0.00	30.97 1.64 0.00	29.55 1.57 0.00	28.70 1.52 0.00	29.58 1.54 0.00	32.72 1.68 0.00	41.12 2.11 0.00	44.39 2.63 0.00	47.09 3.08 0.00	43.64 3.01 0.00	41.63 2.69 0.00	40.42 2.61 0.00	39.79 2.57 0.00	39.20 2.56 0.00	38.84 2.58 0.00	39.07 2.45 0.00	42.66 2.83 0.00	43.12 2.78 0.00	46.42 2.75 0.00	48.63 2.71 0.00	50.19 2.98 0.00	41.58 2.43 0.00	37.47 2.22 0.00	35.70 2.15 0.00
DANSKAMMER__3 23590	35.00 1.70 0.00	30.97 1.64 0.00	29.55 1.57 0.00	28.70 1.52 0.00	29.58 1.54 0.00	32.72 1.68 0.00	41.12 2.11 0.00	44.39 2.63 0.00	47.09 3.08 0.00	43.64 3.01 0.00	41.63 2.69 0.00	40.42 2.61 0.00	39.79 2.57 0.00	39.20 2.56 0.00	38.84 2.58 0.00	39.07 2.45 0.00	42.66 2.83 0.00	43.12 2.78 0.00	46.42 2.75 0.00	48.63 2.71 0.00	50.19 2.98 0.00	41.58 2.43 0.00	37.47 2.22 0.00	35.70 2.15 0.00

DANSKAMMER___4 23591	35.00 1.70 0.00	30.97 1.64 0.00	29.55 1.57 0.00	28.70 1.52 0.00	29.58 1.54 0.00	32.72 1.68 0.00	41.12 2.11 0.00	44.39 2.63 0.00	47.09 3.08 0.00	43.64 3.01 0.00	41.63 2.69 0.00	40.42 2.61 0.00	39.79 2.57 0.00	39.20 2.56 0.00	38.84 2.58 0.00	39.07 2.45 0.00	42.66 2.83 0.00	43.12 2.78 0.00	46.42 2.75 0.00	48.63 2.71 0.00	50.19 2.98 0.00	41.58 2.43 0.00	37.47 2.22 0.00	35.70 2.15 0.00
DANSKAMMER___DIESEL 23592	35.00 1.70 0.00	30.97 1.64 0.00	29.55 1.57 0.00	28.70 1.52 0.00	29.58 1.54 0.00	32.73 1.68 0.00	41.12 2.11 0.00	44.39 2.63 0.00	47.09 3.08 0.00	43.64 3.01 0.00	41.63 2.69 0.00	40.42 2.61 0.00	39.79 2.57 0.00	39.20 2.56 0.00	38.84 2.57 0.00	39.04 2.42 0.00	42.66 2.83 0.00	43.13 2.78 0.00	46.41 2.75 0.00	48.63 2.71 0.00	50.24 3.02 0.00	41.58 2.43 0.00	37.47 2.22 0.00	35.74 2.18 0.00
DARBY___SOLAR 323810	34.76 1.46 0.00	30.71 1.38 0.00	29.30 1.32 0.00	28.45 1.28 0.00	29.38 1.35 0.00	32.45 1.40 0.00	40.97 1.95 0.00	44.18 2.42 0.00	46.56 2.55 0.00	43.11 2.48 0.00	41.24 2.30 0.00	40.01 2.19 0.00	39.31 2.08 0.00	38.69 2.05 0.00	38.37 2.10 0.00	38.70 2.09 0.00	42.22 2.39 0.00	42.48 2.14 0.00	45.98 2.31 0.00	48.22 2.30 0.00	49.62 2.41 0.00	41.11 1.96 0.00	37.05 1.80 0.00	35.20 1.64 0.00
DASHVILLE___HYD 23610	34.73 1.43 0.00	30.73 1.41 0.00	29.30 1.32 0.00	28.48 1.30 0.00	29.36 1.32 0.00	32.45 1.40 0.00	40.73 1.72 0.00	43.97 2.21 0.00	46.57 2.55 0.00	43.11 2.48 0.00	41.13 2.18 0.00	39.93 2.12 0.00	39.31 2.08 0.00	38.72 2.09 0.00	38.37 2.10 0.00	38.60 1.98 0.00	42.18 2.35 0.00	42.64 2.30 0.00	45.93 2.27 0.00	48.13 2.20 0.00	49.72 2.50 0.00	41.15 2.00 0.00	37.12 1.87 0.00	35.43 1.88 0.00
DELAWARE___LFGE 323621	34.37 1.07 0.00	30.27 0.94 0.00	28.88 0.90 0.00	28.07 0.90 0.00	28.99 0.95 0.00	32.17 1.12 0.00	40.42 1.40 0.00	43.35 1.59 0.00	45.78 1.76 0.00	42.30 1.67 0.00	40.47 1.52 0.00	39.25 1.44 0.00	38.60 1.38 0.00	37.99 1.36 0.00	37.65 1.38 -0.01	37.86 1.25 0.00	41.30 1.47 0.00	41.76 1.41 0.00	45.19 1.53 0.00	47.53 1.61 0.00	48.91 1.70 0.00	40.52 1.37 0.00	36.48 1.23 0.00	34.70 1.14 0.00
DERFIELD_115KV_TB7 355931	33.40 0.10 0.00	29.41 0.09 0.00	28.07 0.08 0.00	27.26 0.08 0.00	28.15 0.11 0.00	31.14 0.09 0.00	39.13 0.12 0.00	41.88 0.13 0.00	44.19 0.18 0.00	40.80 0.16 0.00	39.10 0.16 0.00	37.96 0.15 0.00	37.34 0.11 0.00	36.74 0.11 0.00	36.41 0.15 0.00	36.73 0.11 0.00	39.99 0.16 0.00	40.46 0.12 0.00	43.79 0.13 0.00	46.06 0.14 0.00	47.36 0.14 0.00	39.27 0.12 0.00	35.36 0.11 0.00	33.69 0.13 0.00
DOGLEVILLE___HYD 23807	32.83 -0.47 0.00	28.95 -0.38 0.00	27.62 -0.36 0.00	26.82 -0.35 0.00	27.70 -0.34 0.00	30.74 -0.31 0.00	38.59 -0.43 0.00	41.30 -0.46 0.00	43.53 -0.48 0.00	40.19 -0.45 0.00	38.56 -0.39 0.00	37.40 -0.42 0.00	36.78 -0.45 0.00	36.20 -0.44 0.00	35.83 -0.44 0.00	36.14 -0.48 0.00	39.35 -0.48 0.00	39.78 -0.56 0.00	43.05 -0.61 0.00	45.23 -0.69 0.00	46.55 -0.66 0.00	38.57 -0.59 0.00	34.72 -0.53 0.00	33.05 -0.50 0.00
DUNKIRK__115KV_TB_200 55889	33.27 -0.03 0.00	27.89 -1.44 0.00	26.75 -1.23 0.00	26.01 -1.17 0.00	26.92 -1.12 0.00	29.90 -1.15 0.00	37.46 -1.56 0.00	39.17 -2.59 0.00	40.82 -3.17 0.02	37.82 -2.76 0.05	36.08 -2.84 0.02	34.94 -2.87 0.00	34.36 -2.87 0.00	33.77 -2.86 0.01	33.53 -2.72 0.02	33.76 -2.86 0.00	36.54 -3.27 0.02	37.06 -3.27 0.02	40.69 -2.97 0.00	43.67 -2.25 0.00	44.57 -2.64 0.00	37.31 -1.84 0.00	33.56 -1.69 0.00	31.71 -1.85 0.00
DUNKIRK___1 23563	33.27 -0.03 0.00	27.89 -1.44 0.00	26.75 -1.23 0.00	26.01 -1.17 0.00	26.92 -1.12 0.00	29.90 -1.15 0.00	37.46 -1.56 0.00	39.17 -2.59 0.00	40.82 -3.17 0.02	37.82 -2.76 0.05	36.08 -2.84 0.02	34.94 -2.87 0.00	34.36 -2.87 0.00	33.77 -2.86 0.01	33.53 -2.72 0.02	33.76 -2.86 0.00	36.54 -3.27 0.02	37.06 -3.27 0.02	40.69 -2.97 0.00	43.67 -2.25 0.00	44.57 -2.64 0.00	37.31 -1.84 0.00	33.56 -1.69 0.00	31.71 -1.85 0.00
DUNKIRK___2 23564	33.27 -0.03 0.00	27.89 -1.44 0.00	26.75 -1.23 0.00	26.01 -1.17 0.00	26.92 -1.12 0.00	29.90 -1.15 0.00	37.46 -1.56 0.00	39.17 -2.59 0.00	40.82 -3.17 0.02	37.82 -2.76 0.05	36.08 -2.84 0.02	34.94 -2.87 0.00	34.36 -2.87 0.00	33.77 -2.86 0.01	33.53 -2.72 0.02	33.76 -2.86 0.00	36.54 -3.27 0.02	37.06 -3.27 0.02	40.69 -2.97 0.00	43.67 -2.25 0.00	44.57 -2.64 0.00	37.31 -1.84 0.00	33.56 -1.69 0.00	31.71 -1.85 0.00
DUNKIRK___3 23565	33.10 -0.20 0.00	27.80 -1.52 0.00	26.64 -1.34 0.00	25.90 -1.28 0.00	26.80 -1.23 0.00	29.78 -1.27 0.00	37.30 -1.72 0.00	38.96 -2.80 0.00	40.65 -3.34 0.02	37.70 -2.88 0.05	35.93 -3.00 0.02	34.83 -2.99 0.00	34.25 -2.98 0.00	33.69 -2.93 0.01	33.45 -2.79 0.02	33.69 -2.93 0.00	36.46 -3.35 0.02	36.93 -3.39 0.02	40.52 -3.14 0.00	43.44 -2.48 0.00	44.38 -2.83 0.00	37.12 -2.04 0.00	33.42 -1.83 0.00	31.61 -1.95 0.00
DUNKIRK___4 23566	33.10 -0.20 0.00	27.80 -1.52 0.00	26.64 -1.34 0.00	25.90 -1.28 0.00	26.80 -1.23 0.00	29.78 -1.27 0.00	37.30 -1.72 0.00	38.96 -2.80 0.00	40.65 -3.34 0.02	37.70 -2.88 0.05	35.93 -3.00 0.02	34.83 -2.99 0.00	34.25 -2.98 0.00	33.69 -2.93 0.01	33.45 -2.79 0.02	33.69 -2.93 0.00	36.46 -3.35 0.02	36.93 -3.39 0.02	40.52 -3.14 0.00	43.44 -2.48 0.00	44.38 -2.83 0.00	37.12 -2.04 0.00	33.42 -1.83 0.00	31.61 -1.95 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	35.30 2.00 0.00	31.23 1.91 0.00	29.77 1.79 0.00	28.92 1.74 0.00	29.80 1.77 0.00	32.94 1.89 0.00	41.44 2.42 0.00	44.76 3.01 0.00	47.53 3.52 0.00	44.09 3.45 0.00	42.06 3.12 0.00	40.84 3.03 0.00	40.24 3.02 0.00	39.64 3.00 0.00	39.24 2.97 0.00	39.47 2.86 0.00	43.17 3.35 0.00	43.65 3.31 0.00	46.85 3.19 0.00	49.09 3.17 0.00	50.66 3.45 0.00	41.97 2.82 0.00	37.79 2.54 0.00	35.94 2.38 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.87 1.57 0.00	30.85 1.52 0.00	29.41 1.43 0.00	28.59 1.41 0.00	29.47 1.43 0.00	32.60 1.55 0.00	40.97 1.95 0.00	44.18 2.42 0.00	46.87 2.86 0.00	43.40 2.76 0.00	41.40 2.45 0.00	40.23 2.42 0.00	39.61 2.38 0.00	38.98 2.34 0.00	38.62 2.36 0.00	38.85 2.23 0.00	42.46 2.63 0.00	42.93 2.58 0.00	46.20 2.53 0.00	48.45 2.53 0.00	50.00 2.79 0.00	41.42 2.27 0.00	37.33 2.08 0.00	35.57 2.01 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	35.23 1.93 0.00	31.44 2.11 0.00	29.91 1.93 0.00	29.08 1.90 0.00	29.92 1.88 0.00	32.85 1.80 0.00	41.32 2.30 0.00	44.72 2.96 0.00	47.58 3.57 0.00	44.13 3.49 0.00	42.10 3.15 0.00	40.91 3.10 0.00	40.28 3.05 0.00	39.71 3.08 0.00	39.31 3.05 0.00	39.55 2.93 0.00	43.25 3.43 0.00	43.65 3.31 0.00	46.76 3.10 0.00	49.00 3.08 0.00	50.52 3.31 0.00	41.85 2.70 0.00	37.72 2.47 0.00	35.87 2.32 0.00

E179THST_13_KV_LOAD 356214	35.37 2.06 0.00	31.53 2.20 0.00	30.03 2.04 0.00	29.16 1.98 0.00	30.00 1.96 0.00	32.94 1.89 0.00	41.48 2.46 0.00	44.89 3.13 0.00	47.75 3.74 0.00	44.29 3.66 0.00	42.26 3.31 0.00	41.07 3.25 0.00	40.46 3.24 0.00	39.86 3.22 0.00	39.46 3.19 0.00	39.73 3.11 0.00	43.45 3.62 0.00	43.85 3.51 0.00	46.98 3.32 0.00	49.18 3.26 0.00	50.76 3.54 0.00	42.01 2.86 0.00	37.86 2.61 0.00	36.00 2.45 0.00
EAST HAMPTON___GT 23717	37.74 4.43 -0.01	33.35 4.02 -0.01	31.86 3.86 -0.01	30.85 3.67 -0.01	31.64 3.59 -0.01	34.69 3.63 -0.01	43.51 4.49 -0.01	46.90 5.13 -0.01	49.52 5.50 -0.01	48.38 5.24 -2.50	50.22 3.97 -7.29	48.75 3.63 -7.30	47.77 3.46 -7.08	47.85 3.41 -7.81	50.72 3.48 -10.97	52.89 3.33 -12.94	47.53 3.66 -4.03	49.65 3.79 -5.52	48.00 3.76 -0.58	54.84 4.27 -4.65	51.76 4.53 -0.01	48.77 3.91 -5.71	44.62 3.84 -5.53	37.33 3.69 -0.09
EAST RIVER___6 23660	35.43 2.13 0.00	31.38 2.05 0.00	29.91 1.93 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.10 2.05 0.00	41.71 2.69 0.00	45.14 3.38 0.00	48.02 4.00 0.00	44.53 3.90 0.00	42.49 3.54 0.00	41.25 3.44 0.00	40.69 3.46 0.00	40.04 3.41 0.00	39.64 3.37 0.00	39.92 3.30 0.00	43.61 3.79 0.00	44.10 3.75 0.00	47.24 3.58 0.00	49.46 3.54 0.00	50.99 3.78 0.00	42.21 3.06 0.00	38.00 2.75 0.00	36.10 2.55 0.00
EAST RIVER___7 23524	35.43 2.13 0.00	31.38 2.05 0.00	29.91 1.93 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.10 2.05 0.00	41.71 2.69 0.00	45.14 3.38 0.00	48.02 4.00 0.00	44.53 3.90 0.00	42.49 3.54 0.00	41.25 3.44 0.00	40.69 3.46 0.00	40.04 3.41 0.00	39.64 3.37 0.00	39.92 3.30 0.00	43.61 3.79 0.00	44.10 3.75 0.00	47.24 3.58 0.00	49.46 3.54 0.00	50.99 3.78 0.00	42.21 3.06 0.00	38.00 2.75 0.00	36.10 2.55 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	35.20 1.90 0.00	31.14 1.82 0.00	29.69 1.71 0.00	28.86 1.68 0.00	29.72 1.68 0.00	32.85 1.80 0.00	41.36 2.34 0.00	44.64 2.88 0.00	47.40 3.39 0.00	43.97 3.33 0.00	41.95 3.00 0.00	40.72 2.91 0.00	40.13 2.90 0.00	39.53 2.89 0.00	39.13 2.87 0.00	39.36 2.75 0.00	43.06 3.23 0.00	43.49 3.15 0.00	46.72 3.06 0.00	48.95 3.03 0.00	50.52 3.31 0.00	41.82 2.66 0.00	37.68 2.43 0.00	35.87 2.32 0.00
EAST_HAMPTON___DIESEL 23722	37.74 4.43 -0.01	33.35 4.02 -0.01	31.86 3.86 -0.01	30.83 3.64 -0.01	31.61 3.56 -0.01	34.66 3.60 -0.01	43.51 4.49 -0.01	46.86 5.09 -0.01	49.48 5.46 -0.01	48.34 5.20 -2.50	50.17 3.93 -7.29	48.67 3.55 -7.30	47.69 3.39 -7.08	47.78 3.33 -7.81	50.64 3.41 -10.97	52.82 3.26 -12.94	47.45 3.59 -4.03	49.57 3.71 -5.52	47.91 3.67 -0.58	54.75 4.18 -4.65	51.66 4.44 -0.01	48.70 3.84 -5.71	44.55 3.77 -5.53	37.27 3.63 -0.09
EAST_POINT___SOLAR 323840	35.70 2.40 0.00	31.47 2.14 0.00	30.00 2.02 0.00	29.19 2.01 0.00	30.20 2.16 0.00	33.47 2.42 0.00	42.14 3.12 0.00	45.22 3.46 0.00	47.53 3.52 0.00	43.81 3.17 0.00	41.83 2.88 0.00	40.54 2.72 0.00	39.79 2.57 0.00	39.09 2.45 0.00	38.73 2.47 0.00	39.03 2.42 0.00	42.74 2.91 0.00	43.37 3.03 0.00	47.24 3.58 0.00	49.82 3.90 0.00	51.32 4.11 0.00	42.44 3.29 0.00	38.14 2.89 0.00	36.17 2.62 0.00
EAST_PULASKI___ESR 323781	32.60 -0.70 0.00	28.62 -0.70 0.00	27.31 -0.67 0.00	26.55 -0.62 0.00	27.42 -0.62 0.00	30.49 -0.56 0.00	38.39 -0.63 0.00	40.88 -0.88 0.00	42.96 -1.06 0.00	39.45 -1.18 0.00	37.86 -1.09 0.00	36.72 -1.10 0.00	36.11 -1.12 0.00	35.54 -1.10 0.00	35.18 -1.09 0.00	35.52 -1.10 0.00	38.67 -1.16 0.00	39.26 -1.09 0.00	42.66 -1.00 0.00	45.00 -0.92 0.00	46.27 -0.94 0.00	38.33 -0.82 0.00	34.44 -0.81 0.00	32.75 -0.81 0.00
EAST_RIVER___1 323558	35.40 2.10 0.00	31.38 2.05 0.00	29.91 1.93 0.00	29.05 1.87 0.00	29.92 1.88 0.00	33.07 2.02 0.00	41.63 2.61 0.00	45.02 3.26 0.00	47.84 3.83 0.00	44.37 3.74 0.00	42.33 3.39 0.00	41.10 3.29 0.00	40.54 3.31 0.00	39.89 3.26 0.00	39.49 3.23 0.00	39.77 3.15 0.00	43.45 3.62 0.00	43.93 3.59 0.00	47.07 3.41 0.00	49.32 3.40 0.00	50.90 3.69 0.00	42.13 2.97 0.00	37.93 2.68 0.00	36.07 2.52 0.00
EAST_RIVER___2 323559	35.43 2.13 0.00	31.38 2.05 0.00	29.91 1.93 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.10 2.05 0.00	41.71 2.69 0.00	45.14 3.38 0.00	48.02 4.00 0.00	44.53 3.90 0.00	42.49 3.54 0.00	41.25 3.44 0.00	40.69 3.46 0.00	40.04 3.41 0.00	39.64 3.37 0.00	39.92 3.30 0.00	43.61 3.79 0.00	44.10 3.75 0.00	47.24 3.58 0.00	49.46 3.54 0.00	50.99 3.78 0.00	42.21 3.06 0.00	38.00 2.75 0.00	36.10 2.55 0.00
EAST___DELAWARE_HYD 23607	35.10 1.80 0.00	31.03 1.70 0.00	29.58 1.59 0.00	28.75 1.58 0.00	29.64 1.60 0.00	32.85 1.80 0.00	41.28 2.26 0.00	44.51 2.76 0.00	47.22 3.21 0.00	43.64 3.01 0.00	41.67 2.73 0.00	40.42 2.61 0.00	39.64 2.42 0.00	38.94 2.31 0.00	38.59 2.32 0.00	38.85 2.23 0.00	42.46 2.63 0.00	42.96 2.62 0.00	46.33 2.66 0.00	48.59 2.66 0.00	50.14 2.93 0.00	41.50 2.35 0.00	37.36 2.11 0.00	35.60 2.05 0.00
EIGHT_POINT___WT_PWR 323820	33.50 0.20 0.00	28.59 -0.73 0.00	27.37 -0.62 0.00	26.58 -0.60 0.00	27.45 -0.59 0.00	30.61 -0.43 0.00	38.51 -0.51 0.00	40.42 -1.34 0.00	41.99 -1.98 0.04	38.84 -1.95 -0.16	36.76 -2.14 0.04	35.77 -2.04 0.00	35.14 -2.08 0.00	34.49 -2.13 0.02	34.16 -2.07 0.05	34.46 -2.16 0.00	37.31 -2.47 0.05	38.00 -2.30 0.05	41.74 -1.92 0.00	44.78 -1.15 0.00	45.94 -1.27 0.00	38.14 -1.02 0.00	34.19 -1.06 0.00	32.45 -1.11 0.00
ELBRIDGE_115KV_TB2 80188	32.90 -0.40 0.00	28.83 -0.50 0.00	27.54 -0.45 0.00	26.74 -0.43 0.00	27.62 -0.42 0.00	30.68 -0.37 0.00	38.63 -0.39 0.00	41.09 -0.67 0.00	43.22 -0.79 0.00	39.78 -0.85 0.00	38.21 -0.74 0.00	37.06 -0.76 0.00	36.48 -0.74 0.00	35.94 -0.70 0.00	35.58 -0.69 0.00	35.89 -0.73 0.00	38.95 -0.88 0.00	39.50 -0.85 0.00	42.88 -0.79 0.00	45.19 -0.73 0.00	46.41 -0.80 0.00	38.49 -0.67 0.00	34.62 -0.63 0.00	32.92 -0.64 0.00
ELEC_TRO_TEK 24086	35.75 2.43 -0.02	31.66 2.32 -0.02	30.18 2.18 -0.02	29.37 2.17 -0.02	30.24 2.19 -0.02	33.45 2.39 -0.02	42.12 3.08 -0.02	45.16 3.38 -0.02	47.86 3.83 -0.02	48.67 3.62 -4.42	54.84 3.00 -12.89	53.64 2.91 -12.91	52.60 2.87 -12.51	53.30 2.86 -13.81	58.48 2.83 -19.39	62.20 2.71 -22.88	50.19 3.23 -7.13	53.24 3.15 -9.75	47.74 3.06 -1.02	57.27 3.12 -8.22	50.58 3.35 -0.02	51.94 2.70 -10.09	47.77 2.75 -9.77	36.43 2.72 -0.16
ELLENBURG_WT_PWR 323604	33.14 -0.17 0.00	29.24 -0.09 0.00	27.90 -0.08 0.00	27.04 -0.14 0.00	27.84 -0.19 0.00	30.89 -0.15 0.00	38.90 -0.12 0.00	41.67 -0.08 0.00	43.84 -0.18 0.00	40.43 -0.20 0.00	38.75 -0.19 0.00	37.62 -0.19 0.00	37.08 -0.15 0.00	36.38 -0.25 0.00	35.94 -0.33 0.00	36.36 -0.25 0.00	39.51 -0.32 0.00	40.06 -0.28 0.00	43.45 -0.22 0.00	45.60 -0.32 0.00	47.12 -0.09 0.00	39.15 0.00 0.00	35.18 -0.07 0.00	33.42 -0.13 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.74 -0.57 0.00	27.54 -1.79 0.00	26.42 -1.57 0.00	25.65 -1.52 0.00	26.55 -1.49 0.00	29.47 -1.58 0.00	36.87 -2.15 0.00	38.50 -3.26 0.00	40.12 -3.87 0.02	37.01 -3.58 0.05	35.54 -3.39 0.02	34.49 -3.33 0.00	33.95 -3.28 0.00	33.44 -3.19 0.01	33.20 -3.05 0.02	33.40 -3.22 0.00	35.99 -3.82 0.02	36.45 -3.87 0.02	40.04 -3.62 0.00	42.85 -3.08 0.00	43.72 -3.49 0.00	36.57 -2.58 0.00	32.99 -2.26 0.00	31.24 -2.32 0.00
EMPIRE_CC_1 323656	34.50 1.20 0.00	30.47 1.14 0.00	29.07 1.09 0.00	28.23 1.06 0.00	29.13 1.09 0.00	31.98 0.93 0.00	40.07 1.05 0.00	43.09 1.34 0.00	45.42 1.41 0.00	42.14 1.50 0.00	40.31 1.36 0.00	39.14 1.32 0.00	38.53 1.30 0.00	37.95 1.32 0.00	37.57 1.30 0.00	37.90 1.28 0.00	41.30 1.47 0.00	41.72 1.37 0.00	45.06 1.40 0.00	47.30 1.38 0.00	48.68 1.47 0.00	40.41 1.25 0.00	36.45 1.20 0.00	34.63 1.07 0.00
EMPIRE_CC_2 323658	34.50 1.20 0.00	30.47 1.14 0.00	29.07 1.09 0.00	28.23 1.06 0.00	29.13 1.09 0.00	31.98 0.93 0.00	40.07 1.05 0.00	43.09 1.34 0.00	45.42 1.41 0.00	42.14 1.50 0.00	40.31 1.36 0.00	39.14 1.32 0.00	38.53 1.30 0.00	37.95 1.32 0.00	37.57 1.30 0.00	37.90 1.28 0.00	41.30 1.47 0.00	41.72 1.37 0.00	45.06 1.40 0.00	47.30 1.38 0.00	48.68 1.47 0.00	40.41 1.25 0.00	36.45 1.20 0.00	34.63 1.07 0.00
ENORWICH_115KV_TB1 80156	36.30 3.00 0.00	31.85 2.52 0.00	30.36 2.38 0.00	29.62 2.45 0.00	30.76 2.72 0.00	34.49 3.45 0.00	43.47 4.45 0.00	46.31 4.55 0.00	48.67 4.62 -0.04	44.38 3.74 -0.01	42.68 3.70 -0.04	41.14 3.33 0.00	40.24 3.02 0.00	39.51 2.86 -0.02	39.39 3.08 -0.04	38.49 1.87 0.00	42.21 2.35 -0.03	42.75 2.38 -0.03	46.72 3.06 0.00	49.46 3.54 0.00	50.76 3.54 0.00	41.97 2.82 0.00	37.58 2.33 0.00	35.57 2.01 0.00
ERIE_ST__34_KV_TB1-2 80199	32.87 -0.43 0.00	27.57 -1.76 0.00	26.42 -1.57 0.00	25.68 -1.49 0.00	26.58 -1.46 0.00	29.56 -1.49 0.00	36.99 -2.03 0.00	38.63 -3.13 0.00	40.38 -3.61 0.02	38.23 -2.36 0.04	35.81 -3.12 0.02	34.64 -3.18 0.00	34.10 -3.13 0.00	33.55 -3.08 0.01	33.42 -2.83 0.02	33.54 -3.08 0.00	36.54 -3.27 0.02	36.73 -3.59 0.02	40.21 -3.45 0.00	43.08 -2.85 0.00	43.96 -3.26 0.00	36.80 -2.35 0.00	33.17 -2.08 0.00	31.37 -2.18 0.00
ERIE_WT_PWR 323693	32.94 -0.37 0.00	27.66 -1.67 0.00	26.53 -1.46 0.00	25.79 -1.38 0.00	26.66 -1.37 0.00	29.62 -1.43 0.00	37.03 -1.99 0.00	38.71 -3.05 0.00	40.34 -3.65 0.02	37.42 -3.17 0.05	35.74 -3.19 0.02	34.71 -3.10 0.00	34.10 -3.13 0.00	33.59 -3.04 0.01	33.34 -2.90 0.02	33.58 -3.04 0.00	36.23 -3.58 0.02	36.65 -3.67 0.02	40.21 -3.45 0.00	43.08 -2.85 0.00	44.05 -3.16 0.00	36.76 -2.39 0.00	33.17 -2.08 0.00	31.68 -1.88 0.00
ESPRGFLD_115KV_TB1 80157	35.13 1.83 0.00	30.91 1.58 0.00	29.47 1.48 0.00	28.67 1.49 0.00	29.66 1.63 0.00	32.94 1.89 0.00	41.48 2.46 0.00	44.47 2.71 0.00	46.87 2.86 0.00	43.19 2.56 0.00	41.36 2.41 0.00	40.08 2.27 0.00	39.35 2.12 0.00	38.69 2.05 0.00	38.37 2.10 0.00	38.60 1.98 0.00	42.18 2.35 0.00	42.72 2.38 0.00	46.37 2.71 0.00	48.86 2.94 0.00	50.28 3.07 0.00	41.62 2.47 0.00	37.37 2.12 0.00	35.47 1.91 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	33.97 0.67 0.00	29.68 0.35 0.00	28.35 0.36 0.00	27.56 0.38 0.00	28.46 0.42 0.00	31.67 0.62 0.00	39.95 0.94 0.00	42.55 0.79 0.00	44.74 0.66 -0.07	41.05 0.41 -0.01	39.36 0.35 -0.07	38.08 0.26 0.00	37.45 0.22 0.00	36.89 0.22 -0.03	36.63 0.29 -0.07	36.80 0.18 0.00	40.14 0.24 -0.07	40.74 0.32 -0.07	44.27 0.61 0.00	46.80 0.87 0.00	48.02 0.80 0.00	39.78 0.63 0.00	35.71 0.46 0.00	33.89 0.34 0.00
ETNA____115KV_TB2 80207	33.97 0.67 0.00	29.68 0.35 0.00	28.35 0.36 0.00	27.56 0.38 0.00	28.46 0.42 0.00	31.67 0.62 0.00	39.95 0.94 0.00	42.55 0.79 0.00	44.74 0.66 -0.07	41.05 0.41 -0.01	39.36 0.35 -0.07	38.08 0.26 0.00	37.45 0.22 0.00	36.89 0.22 -0.03	36.63 0.29 -0.07	36.80 0.18 0.00	40.14 0.24 -0.07	40.74 0.32 -0.07	44.27 0.61 0.00	46.80 0.87 0.00	48.02 0.80 0.00	39.78 0.63 0.00	35.71 0.46 0.00	33.89 0.34 0.00
EUCLID____115KV_TB2 356179	32.90 -0.40 0.00	28.83 -0.50 0.00	27.51 -0.48 0.00	26.74 -0.43 0.00	27.59 -0.45 0.00	30.61 -0.43 0.00	38.55 -0.47 0.00	41.05 -0.71 0.00	43.18 -0.84 0.00	39.74 -0.89 0.00	38.17 -0.78 0.00	37.02 -0.79 0.00	36.48 -0.74 0.00	35.90 -0.73 0.00	35.54 -0.73 0.00	35.89 -0.73 0.00	38.99 -0.84 0.00	39.50 -0.85 0.00	42.88 -0.79 0.00	45.19 -0.73 0.00	46.41 -0.80 0.00	38.45 -0.70 0.00	34.62 -0.63 0.00	32.92 -0.64 0.00
E_CANADA_CAP_HY 24051	35.43 2.13 0.00	31.21 1.88 0.00	29.78 1.79 0.00	28.94 1.77 0.00	29.95 1.91 0.00	33.16 2.11 0.00	41.75 2.73 0.00	44.85 3.09 0.00	47.18 3.17 0.00	43.48 2.84 0.00	41.56 2.61 0.00	40.27 2.46 0.00	39.57 2.35 0.00	38.87 2.24 0.00	38.55 2.29 0.00	38.89 2.27 0.00	42.54 2.71 0.00	43.17 2.82 0.00	46.89 3.23 0.00	49.37 3.45 0.00	50.80 3.59 0.00	42.05 2.90 0.00	37.79 2.54 0.00	35.87 2.31 0.00
E_CANADA_MHWK_HY 24050	32.83 -0.47 0.00	28.94 -0.38 0.00	27.62 -0.36 0.00	26.82 -0.35 0.00	27.70 -0.34 0.00	30.74 -0.31 0.00	38.59 -0.43 0.00	41.30 -0.46 0.00	43.53 -0.48 0.00	40.19 -0.45 0.00	38.56 -0.39 0.00	37.40 -0.42 0.00	36.78 -0.45 0.00	36.20 -0.44 0.00	35.83 -0.43 0.00	36.14 -0.48 0.00	39.35 -0.48 0.00	39.78 -0.56 0.00	43.05 -0.61 0.00	45.24 -0.69 0.00	46.55 -0.66 0.00	38.57 -0.59 0.00	34.72 -0.53 0.00	33.05 -0.50 0.00
E_FISHKILL___LBMP 23776	34.87 1.57 0.00	30.85 1.52 0.00	29.41 1.43 0.00	28.59 1.41 0.00	29.47 1.43 0.00	32.57 1.52 0.00	40.93 1.91 0.00	44.14 2.38 0.00	46.79 2.77 0.00	43.40 2.76 0.00	41.40 2.45 0.00	40.23 2.42 0.00	39.61 2.38 0.00	39.02 2.38 0.00	38.62 2.36 0.00	38.89 2.27 0.00	42.50 2.67 0.00	42.93 2.58 0.00	46.15 2.49 0.00	48.40 2.48 0.00	49.95 2.74 0.00	41.39 2.23 0.00	37.37 2.12 0.00	35.60 2.05 0.00
FALCON___SEABRD_CC1 323796	33.97 0.67 0.00	29.94 0.62 0.00	28.57 0.59 0.00	27.67 0.49 0.00	28.46 0.42 0.00	31.61 0.56 0.00	39.84 0.82 0.00	42.72 0.96 0.00	44.98 0.97 0.00	41.45 0.81 0.00	39.69 0.74 0.00	38.57 0.76 0.00	37.97 0.74 0.00	37.26 0.62 0.00	36.81 0.54 0.00	37.20 0.58 0.00	40.46 0.64 0.00	40.99 0.64 0.00	44.45 0.79 0.00	46.70 0.78 0.00	48.25 1.04 0.00	40.09 0.94 0.00	36.02 0.77 0.00	34.19 0.64 0.00
FALCON___SEABRD_CC2 323797	33.97 0.67 0.00	29.94 0.62 0.00	28.57 0.59 0.00	27.67 0.49 0.00	28.46 0.42 0.00	31.61 0.56 0.00	39.84 0.82 0.00	42.72 0.96 0.00	44.98 0.97 0.00	41.45 0.81 0.00	39.69 0.74 0.00	38.57 0.76 0.00	37.97 0.74 0.00	37.26 0.62 0.00	36.81 0.54 0.00	37.20 0.58 0.00	40.46 0.64 0.00	40.99 0.64 0.00	44.45 0.79 0.00	46.70 0.78 0.00	48.25 1.04 0.00	40.09 0.94 0.00	36.02 0.77 0.00	34.19 0.64 0.00

FAR ROCKAWAY___4 23548	36.38 3.06 -0.01	32.19 2.84 -0.01	30.68 2.69 -0.01	29.83 2.64 -0.01	30.74 2.69 -0.01	33.98 2.92 -0.01	42.78 3.75 -0.01	45.99 4.22 -0.01	48.78 4.75 -0.01	49.15 4.47 -4.05	54.61 3.86 -11.81	53.38 3.74 -11.83	52.37 3.69 -11.46	52.94 3.66 -12.65	57.65 3.63 -17.76	61.09 3.52 -20.95	50.42 4.06 -6.53	53.27 3.99 -8.93	48.62 4.02 -0.94	57.58 4.13 -7.53	51.62 4.39 -0.01	51.95 3.56 -9.24	47.73 3.53 -8.95	37.12 3.42 -0.14
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	35.40 2.10 0.00	31.35 2.02 0.00	29.89 1.90 0.00	29.02 1.85 0.00	29.92 1.88 0.00	33.04 1.99 0.00	41.59 2.58 0.00	44.97 3.22 0.00	47.80 3.79 0.00	44.33 3.70 0.00	42.30 3.35 0.00	41.10 3.29 0.00	40.46 3.24 0.00	39.86 3.22 0.00	39.46 3.19 0.00	39.73 3.11 0.00	43.45 3.62 0.00	43.89 3.55 0.00	47.03 3.36 0.00	49.28 3.35 0.00	50.85 3.64 0.00	42.09 2.94 0.00	37.89 2.64 0.00	36.07 2.52 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	35.40 2.10 0.00	31.35 2.02 0.00	29.89 1.90 0.00	29.02 1.85 0.00	29.92 1.88 0.00	33.04 1.99 0.00	41.63 2.61 0.00	44.97 3.22 0.00	47.80 3.79 0.00	44.33 3.70 0.00	42.26 3.31 0.00	41.07 3.25 0.00	40.46 3.24 0.00	39.86 3.22 0.00	39.46 3.19 0.00	39.69 3.08 0.00	43.45 3.62 0.00	43.85 3.51 0.00	47.03 3.36 0.00	49.28 3.35 0.00	50.85 3.64 0.00	42.09 2.94 0.00	37.89 2.64 0.00	36.07 2.52 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	35.37 2.06 0.00	31.35 2.02 0.00	29.86 1.87 0.00	29.02 1.85 0.00	29.89 1.85 0.00	33.04 1.99 0.00	41.59 2.58 0.00	44.97 3.22 0.00	47.80 3.79 0.00	44.33 3.70 0.00	42.26 3.31 0.00	41.07 3.25 0.00	40.46 3.24 0.00	39.86 3.22 0.00	39.46 3.19 0.00	39.69 3.08 0.00	43.41 3.58 0.00	43.85 3.51 0.00	47.03 3.36 0.00	49.28 3.35 0.00	50.80 3.59 0.00	42.05 2.90 0.00	37.89 2.64 0.00	36.04 2.48 0.00
FARRAGUT___LBMP 323566	35.37 2.06 0.00	31.32 1.99 0.00	29.86 1.87 0.00	29.00 1.82 0.00	29.89 1.85 0.00	33.00 1.96 0.00	41.55 2.54 0.00	44.93 3.17 0.00	47.75 3.74 0.00	44.29 3.66 0.00	42.22 3.27 0.00	41.03 3.21 0.00	40.43 3.20 0.00	39.82 3.19 0.00	39.42 3.16 0.00	39.66 3.04 0.00	43.37 3.54 0.00	43.81 3.47 0.00	46.98 3.32 0.00	49.23 3.31 0.00	50.80 3.59 0.00	42.05 2.90 0.00	37.86 2.61 0.00	36.04 2.48 0.00
FENNER___WINDPWR 24204	33.80 0.50 0.00	29.68 0.35 0.00	28.32 0.34 0.00	27.53 0.35 0.00	28.46 0.42 0.00	31.64 0.59 0.00	39.80 0.78 0.00	42.47 0.71 0.00	44.69 0.66 -0.01	41.12 0.49 0.00	39.47 0.50 -0.01	38.23 0.42 0.00	37.60 0.37 0.00	37.01 0.37 -0.01	36.68 0.40 -0.01	36.98 0.37 0.00	40.32 0.48 -0.01	40.84 0.49 -0.01	44.36 0.70 0.00	46.75 0.83 0.00	48.07 0.85 0.00	39.82 0.66 0.00	35.78 0.53 0.00	33.99 0.44 0.00
FIBERTEK___ENERGY 23856	33.10 -0.20 0.00	29.03 -0.29 0.00	27.70 -0.28 0.00	26.93 -0.24 0.00	27.79 -0.25 0.00	30.86 -0.19 0.00	38.90 -0.12 0.00	41.42 -0.33 0.00	43.57 -0.44 0.00	40.11 -0.53 0.00	38.52 -0.43 0.00	37.36 -0.45 0.00	36.78 -0.45 0.00	36.23 -0.40 0.00	35.87 -0.40 0.00	36.18 -0.44 0.00	39.31 -0.52 0.00	39.86 -0.48 0.00	43.23 -0.44 0.00	45.56 -0.37 0.00	46.79 -0.42 0.00	38.76 -0.39 0.00	34.86 -0.39 0.00	33.15 -0.40 0.00
FITZPATRICK___ 23598	32.44 -0.87 0.00	28.48 -0.85 0.00	27.17 -0.81 0.00	26.39 -0.79 0.00	27.25 -0.78 0.00	30.21 -0.84 0.00	38.00 -1.01 0.00	40.42 -1.34 0.00	42.56 -1.45 0.00	39.17 -1.46 0.00	37.62 -1.32 0.00	36.53 -1.29 0.00	35.96 -1.27 0.00	35.39 -1.25 0.00	35.03 -1.23 0.00	35.37 -1.25 0.00	38.43 -1.40 0.00	38.93 -1.41 0.00	42.22 -1.44 0.00	44.45 -1.47 0.00	45.70 -1.51 0.00	37.86 -1.29 0.00	34.09 -1.16 0.00	32.51 -1.04 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	35.03 1.73 0.00	31.00 1.67 0.00	29.58 1.60 0.00	28.73 1.55 0.00	29.61 1.57 0.00	32.76 1.71 0.00	41.16 2.15 0.00	44.47 2.71 0.00	47.18 3.17 0.00	43.68 3.05 0.00	41.71 2.77 0.00	40.50 2.68 0.00	39.87 2.64 0.00	39.24 2.60 0.00	38.88 2.61 0.00	39.11 2.49 0.00	42.74 2.91 0.00	43.17 2.82 0.00	46.50 2.84 0.00	48.68 2.76 0.00	50.28 3.07 0.00	41.62 2.47 0.00	37.51 2.26 0.00	35.77 2.21 0.00
FORT ORANGE___ 23900	34.10 0.80 0.00	30.15 0.82 0.00	28.77 0.78 0.00	27.94 0.76 0.00	28.82 0.78 0.00	31.76 0.71 0.00	39.84 0.82 0.00	42.84 1.08 0.00	45.11 1.10 0.00	41.77 1.14 0.00	40.00 1.05 0.00	38.83 1.02 0.00	38.19 0.97 0.00	37.62 0.99 0.00	37.28 1.01 0.00	37.61 0.99 0.00	40.98 1.16 0.00	41.43 1.09 0.00	44.76 1.09 0.00	46.93 1.01 0.00	48.35 1.13 0.00	40.17 1.02 0.00	36.24 0.99 0.00	34.46 0.91 0.00
FORT_DRUM_COGEN 23780	32.77 -0.53 0.00	28.89 -0.44 0.00	27.51 -0.48 0.00	26.77 -0.41 0.00	27.73 -0.31 0.00	30.96 -0.09 0.00	38.94 -0.08 0.00	41.51 -0.25 0.00	43.53 -0.48 0.00	39.74 -0.89 0.00	38.13 -0.82 0.00	36.91 -0.91 0.00	36.22 -1.01 0.00	35.65 -0.99 0.00	35.25 -1.02 0.00	35.59 -1.03 0.00	38.79 -1.04 0.00	39.46 -0.89 0.00	43.23 -0.44 0.00	45.65 -0.28 0.00	47.03 -0.19 0.00	38.96 -0.20 0.00	35.00 -0.25 0.00	32.98 -0.57 0.00
FOX_HILLS___ESR 323835	35.40 2.10 0.00	31.44 2.11 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.94 1.91 0.00	32.97 1.93 0.00	41.55 2.54 0.00	44.93 3.17 0.00	47.83 3.79 -0.03	44.24 3.58 -0.03	42.22 3.27 0.00	41.06 3.21 -0.03	50.66 3.13 -10.31	52.95 3.15 -13.17	39.42 3.12 -0.03	52.99 3.00 -13.37	51.74 3.54 -8.37	43.77 3.43 0.00	49.66 3.27 -2.72	49.18 3.26 0.00	50.71 3.49 0.00	42.16 2.98 -0.03	38.00 2.75 0.00	36.11 2.55 0.00
FPL_FAR_ROCK_GT1 24212	36.35 3.03 -0.01	32.18 2.84 -0.01	30.69 2.69 -0.01	29.83 2.64 -0.01	30.74 2.69 -0.01	33.98 2.92 -0.01	42.78 3.75 -0.01	45.99 4.22 -0.01	48.78 4.75 -0.01	49.15 4.47 -4.05	54.61 3.86 -11.81	53.35 3.71 -11.83	52.41 3.72 -11.46	52.94 3.66 -12.65	57.65 3.63 -17.76	61.12 3.55 -20.95	50.38 4.02 -6.53	53.27 3.99 -8.93	48.57 3.97 -0.94	57.59 4.13 -7.53	51.57 4.34 -0.01	51.95 3.56 -9.24	47.72 3.52 -8.95	37.09 3.39 -0.14
FPL_FAR_ROCK_GT2 23815	36.35 3.03 -0.01	32.18 2.84 -0.01	30.69 2.69 -0.01	29.83 2.64 -0.01	30.74 2.69 -0.01	33.98 2.92 -0.01	42.78 3.75 -0.01	45.99 4.22 -0.01	48.78 4.75 -0.01	49.15 4.47 -4.05	54.61 3.86 -11.81	53.35 3.71 -11.83	52.41 3.72 -11.46	52.94 3.66 -12.65	57.65 3.63 -17.76	61.12 3.55 -20.95	50.38 4.02 -6.53	53.27 3.99 -8.93	48.57 3.97 -0.94	57.59 4.13 -7.53	51.57 4.34 -0.01	51.95 3.56 -9.24	47.72 3.52 -8.95	37.09 3.39 -0.14
FRANKLIN_FALL_HYD 24054	33.20 -0.10 0.00	29.33 0.00 0.00	27.98 0.00 0.00	27.07 -0.11 0.00	27.87 -0.17 0.00	30.96 -0.09 0.00	39.06 0.04 0.00	41.88 0.13 0.00	44.06 0.04 0.00	40.59 -0.04 0.00	38.87 -0.08 0.00	37.78 -0.04 0.00	37.19 -0.04 0.00	36.52 -0.11 0.00	36.05 -0.22 0.00	36.44 -0.18 0.00	39.63 -0.20 0.00	40.18 -0.16 0.00	43.58 -0.09 0.00	45.74 -0.18 0.00	47.26 0.05 0.00	39.31 0.16 0.00	35.29 0.04 0.00	33.45 -0.10 0.00

FREEPORT_EQUS_GT1 23764	36.01 2.70 -0.01	31.89 2.55 -0.01	30.40 2.41 -0.01	29.55 2.36 -0.01	30.46 2.41 -0.01	33.67 2.61 -0.01	42.34 3.31 -0.01	45.49 3.72 -0.01	48.16 4.14 -0.01	47.90 3.90 -3.36	51.94 3.19 -9.80	50.73 3.10 -9.82	49.82 3.09 -9.51	50.17 3.04 -10.50	54.05 3.05 -14.74	56.94 2.93 -17.39	48.68 3.43 -5.42	51.18 3.43 -7.41	47.80 3.36 -0.78	55.66 3.49 -6.25	50.91 3.69 -0.01	49.84 3.02 -7.67	45.71 3.03 -7.43	36.66 2.99 -0.12
FREEPORT___CT2 23818	36.01 2.70 -0.01	31.89 2.55 -0.01	30.40 2.41 -0.01	29.55 2.36 -0.01	30.46 2.41 -0.01	33.67 2.61 -0.01	42.34 3.31 -0.01	45.49 3.72 -0.01	48.16 4.14 -0.01	47.90 3.90 -3.36	51.94 3.19 -9.80	50.73 3.10 -9.82	49.82 3.09 -9.51	50.17 3.04 -10.50	54.05 3.05 -14.74	56.94 2.93 -17.39	48.68 3.43 -5.42	51.18 3.43 -7.41	47.80 3.36 -0.78	55.66 3.49 -6.25	50.91 3.69 -0.01	49.84 3.02 -7.67	45.71 3.03 -7.43	36.66 2.99 -0.12
FRESHKLS_33_KV_LOAD 356253	35.47 2.16 0.00	31.47 2.14 0.00	29.97 1.99 0.00	29.11 1.93 0.00	29.97 1.93 0.00	32.97 1.93 0.00	41.55 2.54 0.00	44.93 3.17 0.00	47.78 3.74 -0.03	44.12 3.45 -0.03	42.14 3.19 0.00	40.94 3.10 -0.03	46.71 3.02 -6.47	47.94 3.04 -8.26	39.31 3.01 -0.03	47.94 2.93 -8.39	48.55 3.47 -5.26	40.48 3.35 3.22	48.52 3.14 -1.72	49.14 3.21 0.00	50.61 3.40 0.00	42.16 2.98 -0.03	38.00 2.75 0.00	36.14 2.58 0.00
FULTON COGEN____ 23766	32.60 -0.70 0.00	28.59 -0.73 0.00	27.31 -0.67 0.00	26.52 -0.65 0.00	27.37 -0.67 0.00	30.40 -0.65 0.00	38.28 -0.74 0.00	40.76 -1.00 0.00	42.87 -1.14 0.00	39.46 -1.18 0.00	37.90 -1.05 0.00	36.75 -1.06 0.00	36.18 -1.04 0.00	35.65 -0.99 0.00	35.29 -0.98 0.00	35.59 -1.03 0.00	38.71 -1.12 0.00	39.25 -1.09 0.00	42.57 -1.09 0.00	44.87 -1.06 0.00	46.08 -1.13 0.00	38.17 -0.98 0.00	34.33 -0.92 0.00	32.68 -0.87 0.00
FULTON___LFGE 323630	35.40 2.10 0.00	31.21 1.88 0.00	29.78 1.79 0.00	28.94 1.77 0.00	29.95 1.91 0.00	33.13 2.08 0.00	41.71 2.69 0.00	44.85 3.09 0.00	47.18 3.17 0.00	43.48 2.84 0.00	41.56 2.61 0.00	40.27 2.46 0.00	39.57 2.35 0.00	38.91 2.27 0.00	38.55 2.29 0.00	38.93 2.31 0.00	42.62 2.79 0.00	43.21 2.86 0.00	46.89 3.23 0.00	49.32 3.40 0.00	50.76 3.54 0.00	42.01 2.86 0.00	37.79 2.54 0.00	35.87 2.31 0.00
G.F.CEMENT___DRP 24184	34.90 1.60 0.00	30.82 1.50 0.00	29.41 1.43 0.00	28.56 1.39 0.00	29.52 1.49 0.00	32.60 1.55 0.00	41.24 2.22 0.00	44.51 2.76 0.00	46.96 2.95 0.00	43.48 2.84 0.00	41.56 2.61 0.00	40.31 2.50 0.00	39.61 2.38 0.00	38.98 2.34 0.00	38.62 2.36 0.00	38.96 2.34 0.00	42.58 2.75 0.00	42.80 2.46 0.00	46.33 2.66 0.00	48.54 2.62 0.00	49.95 2.74 0.00	41.35 2.19 0.00	37.26 2.01 0.00	35.43 1.88 0.00
GARDENVILLE___LBMP 24039	32.83 -0.47 0.00	27.60 -1.73 0.00	26.47 -1.51 0.00	25.71 -1.47 0.00	26.61 -1.43 0.00	29.56 -1.49 0.00	36.95 -2.07 0.00	38.58 -3.17 0.00	40.21 -3.79 0.02	37.25 -3.33 0.06	35.62 -3.31 0.02	34.56 -3.25 0.00	34.02 -3.20 0.00	33.48 -3.15 0.01	33.27 -2.97 0.02	33.47 -3.15 0.00	36.15 -3.66 0.02	36.57 -3.75 0.02	40.13 -3.54 0.00	42.98 -2.94 0.00	43.86 -3.35 0.00	36.69 -2.47 0.00	33.10 -2.15 0.00	31.34 -2.21 0.00
GARDNVLA_35_KV_LD 355827	33.00 -0.30 0.00	27.68 -1.64 0.00	26.56 -1.43 0.00	25.82 -1.36 0.00	26.69 -1.35 0.00	29.65 -1.40 0.00	37.11 -1.91 0.00	38.75 -3.01 0.00	40.38 -3.61 0.02	37.46 -3.13 0.05	35.77 -3.15 0.02	34.67 -3.14 0.00	34.14 -3.09 0.00	33.62 -3.00 0.01	33.42 -2.83 0.02	33.62 -3.00 0.00	36.30 -3.50 0.02	36.69 -3.63 0.02	40.26 -3.41 0.00	43.12 -2.80 0.00	44.00 -3.21 0.00	36.84 -2.31 0.00	33.21 -2.04 0.00	31.44 -2.11 0.00
GELCKHM___115KV_LOAD 80723	32.97 -0.33 0.00	28.89 -0.44 0.00	27.59 -0.39 0.00	26.80 -0.38 0.00	27.65 -0.39 0.00	30.71 -0.34 0.00	38.67 -0.35 0.00	41.17 -0.58 0.00	43.31 -0.70 0.00	39.86 -0.77 0.00	38.29 -0.66 0.00	37.13 -0.68 0.00	36.59 -0.63 0.00	36.01 -0.62 0.00	35.65 -0.62 0.00	35.96 -0.66 0.00	39.11 -0.72 0.00	39.62 -0.73 0.00	43.01 -0.65 0.00	45.33 -0.60 0.00	46.51 -0.71 0.00	38.57 -0.59 0.00	34.69 -0.56 0.00	33.02 -0.54 0.00
GENERAL___MILLS 23808	32.90 -0.40 0.00	27.66 -1.67 0.00	26.50 -1.48 0.00	25.76 -1.41 0.00	26.64 -1.40 0.00	29.59 -1.46 0.00	37.03 -1.99 0.00	38.67 -3.09 0.00	40.30 -3.70 0.02	37.37 -3.21 0.05	35.70 -3.23 0.02	34.60 -3.21 0.00	34.06 -3.16 0.01	33.55 -3.08 0.01	33.35 -2.90 0.02	33.51 -3.11 0.00	36.23 -3.58 0.02	36.61 -3.71 0.02	40.21 -3.45 0.00	43.03 -2.89 0.00	43.91 -3.31 0.00	36.76 -2.39 0.00	33.14 -2.12 0.00	31.41 -2.15 0.00
GE_PLASTICS___DRP 24183	34.03 0.73 0.00	30.09 0.76 0.00	28.68 0.70 0.00	27.88 0.71 0.00	28.77 0.73 0.00	31.73 0.68 0.00	39.76 0.74 0.00	42.76 1.00 0.00	45.11 1.10 0.00	41.77 1.14 0.00	40.00 1.05 0.00	38.83 1.02 0.00	38.23 1.01 0.00	37.62 0.99 0.00	37.28 1.02 0.00	37.57 0.95 0.00	40.94 1.12 0.00	41.39 1.05 0.00	44.67 1.00 0.00	46.89 0.96 0.00	48.25 1.04 0.00	40.09 0.94 0.00	36.17 0.92 0.00	34.46 0.91 0.00
GILBOA___1 23756	34.10 0.80 0.00	30.12 0.79 0.00	28.74 0.76 0.00	27.91 0.73 0.00	28.80 0.76 0.00	31.83 0.78 0.00	39.95 0.93 0.00	42.93 1.17 0.00	45.33 1.32 0.00	41.97 1.34 0.00	40.11 1.17 0.00	38.95 1.13 0.00	38.38 1.16 0.00	37.77 1.14 0.00	37.39 1.13 0.00	37.68 1.06 0.00	41.07 1.24 0.00	41.55 1.21 0.00	44.88 1.22 0.00	47.11 1.19 0.00	48.54 1.32 0.00	40.25 1.09 0.00	36.31 1.06 0.00	34.56 1.01 0.00
GILBOA___2 23757	34.10 0.80 0.00	30.12 0.79 0.00	28.74 0.76 0.00	27.91 0.73 0.00	28.80 0.76 0.00	31.83 0.78 0.00	39.95 0.93 0.00	42.93 1.17 0.00	45.33 1.32 0.00	41.97 1.34 0.00	40.11 1.17 0.00	38.95 1.13 0.00	38.38 1.16 0.00	37.77 1.14 0.00	37.39 1.13 0.00	37.68 1.06 0.00	41.07 1.24 0.00	41.55 1.21 0.00	44.88 1.22 0.00	47.11 1.19 0.00	48.54 1.32 0.00	40.25 1.09 0.00	36.31 1.06 0.00	34.56 1.01 0.00
GILBOA___3 23758	34.10 0.80 0.00	30.12 0.79 0.00	28.74 0.76 0.00	27.91 0.73 0.00	28.80 0.76 0.00	31.83 0.78 0.00	39.95 0.93 0.00	42.93 1.17 0.00	45.33 1.32 0.00	41.97 1.34 0.00	40.11 1.17 0.00	38.95 1.13 0.00	38.38 1.16 0.00	37.77 1.14 0.00	37.39 1.13 0.00	37.68 1.06 0.00	41.07 1.24 0.00	41.55 1.21 0.00	44.88 1.22 0.00	47.11 1.19 0.00	48.54 1.32 0.00	40.25 1.09 0.00	36.31 1.06 0.00	34.56 1.01 0.00
GILBOA___4 23759	34.10 0.80 0.00	30.12 0.79 0.00	28.74 0.76 0.00	27.91 0.73 0.00	28.80 0.76 0.00	31.83 0.78 0.00	39.95 0.93 0.00	42.93 1.17 0.00	45.33 1.32 0.00	41.97 1.34 0.00	40.11 1.17 0.00	38.95 1.13 0.00	38.38 1.16 0.00	37.77 1.14 0.00	37.39 1.13 0.00	37.68 1.06 0.00	41.07 1.24 0.00	41.55 1.21 0.00	44.88 1.22 0.00	47.11 1.19 0.00	48.54 1.32 0.00	40.25 1.09 0.00	36.31 1.06 0.00	34.56 1.01 0.00

GILBOA____ 23599	34.10 0.80 0.00	30.12 0.79 0.00	28.74 0.76 0.00	27.91 0.73 0.00	28.80 0.76 0.00	31.82 0.78 0.00	39.95 0.94 0.00	42.93 1.17 0.00	45.33 1.32 0.00	41.97 1.34 0.00	40.12 1.17 0.00	38.99 1.17 0.00	38.38 1.15 0.00	37.77 1.14 0.00	37.43 1.16 0.00	37.68 1.06 0.00	41.10 1.27 0.00	41.55 1.21 0.00	44.89 1.22 0.00	47.12 1.19 0.00	48.54 1.32 0.00	40.25 1.10 0.00	36.31 1.06 0.00	34.60 1.04 0.00
GINNA____ 23603	31.64 -1.66 0.00	27.13 -2.20 0.00	25.91 -2.07 0.00	25.19 -1.98 0.00	26.02 -2.02 0.00	28.97 -2.08 0.00	36.33 -2.69 0.00	38.54 -3.21 0.00	40.40 -3.61 0.01	36.86 -3.78 0.00	35.79 -3.15 0.01	34.75 -3.06 0.00	34.21 -3.01 0.00	33.70 -2.93 0.00	33.35 -2.90 0.01	33.65 -2.96 0.00	36.27 -3.54 0.01	36.78 -3.55 0.01	40.21 -3.45 0.00	42.57 -3.35 0.00	43.81 -3.40 0.00	36.26 -2.90 0.00	32.68 -2.57 0.00	31.07 -2.48 0.00
GLEN PARK____ 23778	32.87 -0.43 0.00	28.94 -0.38 0.00	27.57 -0.42 0.00	26.85 -0.32 0.00	27.84 -0.19 0.00	31.08 0.03 0.00	39.06 0.04 0.00	41.63 -0.12 0.00	43.62 -0.40 0.00	39.78 -0.86 0.00	38.17 -0.78 0.00	36.91 -0.91 0.00	36.22 -1.00 0.00	35.65 -0.99 0.00	35.25 -1.02 0.00	35.59 -1.03 0.00	38.87 -0.96 0.00	39.58 -0.77 0.00	43.40 -0.26 0.00	45.83 -0.09 0.00	47.26 0.05 0.00	39.11 -0.04 0.00	35.11 -0.14 0.00	33.15 -0.40 0.00
GLENDALE_27_KV_LOAD 356172	35.47 2.16 0.00	31.50 2.17 0.00	30.00 2.01 0.00	29.13 1.96 0.00	30.00 1.96 0.00	33.07 2.02 0.00	41.67 2.65 0.00	45.06 3.30 0.00	47.97 3.96 0.00	44.45 3.82 0.00	42.41 3.47 0.00	41.22 3.40 0.00	40.61 3.39 0.00	40.01 3.37 0.00	39.60 3.34 0.00	39.88 3.26 0.00	43.61 3.78 0.00	44.01 3.67 0.00	47.16 3.49 0.00	49.41 3.49 0.00	50.94 3.73 0.00	42.17 3.01 0.00	38.00 2.75 0.00	36.14 2.58 0.00
GLENWOOD_IC_1_G5 23712	35.71 2.40 -0.02	31.63 2.29 -0.02	30.15 2.15 -0.02	29.31 2.12 -0.02	30.21 2.16 -0.02	33.39 2.33 -0.02	42.00 2.97 -0.02	45.24 3.47 -0.02	47.99 3.96 -0.02	48.79 3.82 -4.33	54.77 3.19 -12.63	53.60 3.14 -12.65	52.57 3.09 -12.25	53.24 3.08 -13.52	58.30 3.05 -18.99	61.96 2.93 -22.41	50.36 3.54 -6.99	53.36 3.47 -9.55	48.07 3.41 -1.00	57.28 3.31 -8.05	50.91 3.68 -0.02	52.05 3.01 -9.88	47.68 2.86 -9.57	36.49 2.79 -0.15
GLENWOOD_IC_2_G1 23688	35.47 2.16 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.11 1.93 0.00	30.00 1.96 0.00	33.16 2.11 0.00	41.71 2.69 0.00	44.97 3.22 0.00	47.71 3.70 0.00	44.40 3.58 -0.19	42.57 3.08 -0.54	41.34 2.99 -0.54	40.77 3.01 -0.53	40.18 2.97 -0.58	40.06 2.97 -0.81	40.44 2.86 -0.96	43.43 3.30 -0.30	44.02 3.27 -0.41	46.89 3.19 -0.04	49.43 3.17 -0.35	50.66 3.44 0.00	42.40 2.82 -0.42	38.31 2.65 -0.41	36.08 2.52 -0.01
GLENWOOD_IC_3_G1 23689	35.47 2.16 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.11 1.93 0.00	30.00 1.96 0.00	33.16 2.11 0.00	41.71 2.69 0.00	44.97 3.22 0.00	47.71 3.70 0.00	44.40 3.58 -0.19	42.57 3.08 -0.54	41.34 2.99 -0.54	40.77 3.01 -0.53	40.18 2.97 -0.58	40.06 2.97 -0.81	40.44 2.86 -0.96	43.43 3.30 -0.30	44.02 3.27 -0.41	46.89 3.19 -0.04	49.43 3.17 -0.35	50.66 3.44 0.00	42.40 2.82 -0.42	38.31 2.65 -0.41	36.08 2.52 -0.01
GLENWOOD___4 23550	35.71 2.40 -0.02	31.63 2.29 -0.02	30.15 2.15 -0.02	29.31 2.12 -0.02	30.21 2.16 -0.02	33.39 2.33 -0.02	42.00 2.97 -0.02	45.24 3.47 -0.02	47.99 3.96 -0.02	48.79 3.82 -4.33	54.81 3.23 -12.63	53.64 3.18 -12.65	52.64 3.16 -12.25	53.27 3.11 -13.52	58.38 3.12 -18.99	62.03 3.00 -22.41	50.36 3.54 -6.99	53.36 3.47 -9.55	48.07 3.41 -1.00	57.33 3.35 -8.05	50.91 3.68 -0.02	52.05 3.01 -9.88	47.68 2.86 -9.57	36.49 2.79 -0.15
GLENWOOD___5 23614	35.71 2.40 -0.02	31.63 2.29 -0.02	30.15 2.15 -0.02	29.31 2.12 -0.02	30.21 2.16 -0.02	33.39 2.33 -0.02	42.00 2.97 -0.02	45.24 3.47 -0.02	47.99 3.96 -0.02	48.79 3.82 -4.33	54.81 3.23 -12.63	53.64 3.18 -12.65	52.64 3.16 -12.25	53.27 3.11 -13.52	58.38 3.12 -18.99	62.03 3.00 -22.41	50.36 3.54 -6.99	53.36 3.47 -9.55	48.07 3.41 -1.00	57.33 3.35 -8.05	50.91 3.68 -0.02	52.05 3.01 -9.88	47.68 2.86 -9.57	36.49 2.79 -0.15
GLOBAL GREEN_PORT_GT1 23814	37.67 4.36 -0.01	33.29 3.96 -0.01	31.80 3.81 -0.01	30.83 3.64 -0.01	31.64 3.59 -0.01	34.75 3.69 -0.01	43.63 4.60 -0.01	47.03 5.26 -0.01	49.66 5.63 -0.01	48.50 5.36 -2.50	50.45 4.21 -7.29	49.01 3.90 -7.30	48.03 3.72 -7.08	48.11 3.66 -7.81	50.97 3.74 -10.97	53.15 3.59 -12.94	47.85 3.98 -4.03	49.98 4.12 -5.52	48.39 4.15 -0.58	55.21 4.64 -4.65	52.09 4.86 -0.01	49.01 4.15 -5.71	44.87 4.09 -5.53	37.53 3.89 -0.09
GLOBE___DSASP 323697	31.87 -1.43 0.00	26.89 -2.43 0.00	25.77 -2.21 0.00	25.06 -2.12 0.00	25.91 -2.13 0.00	28.75 -2.30 0.00	35.94 -3.08 0.00	37.46 -4.30 0.00	38.98 -5.02 0.02	35.48 -5.12 0.04	34.57 -4.36 0.02	33.54 -4.27 0.00	33.02 -4.21 0.00	32.56 -4.07 0.01	32.30 -3.95 0.02	32.52 -4.10 0.00	34.83 -4.98 0.02	35.40 -4.92 0.02	38.95 -4.72 0.00	41.61 -4.32 0.00	42.45 -4.77 0.00	35.47 -3.68 0.00	32.08 -3.17 0.00	30.43 -3.12 0.00
GOETHSLN___LBMP 323567	35.20 1.90 0.00	31.20 1.88 0.00	29.75 1.76 0.00	28.89 1.71 0.00	29.78 1.74 0.00	32.88 1.83 0.00	41.44 2.42 0.00	44.76 3.01 0.00	47.62 3.61 0.00	44.17 3.54 0.00	42.10 3.15 0.00	40.91 3.10 0.00	39.33 3.09 0.99	38.45 3.08 1.26	39.31 3.05 0.00	38.30 2.97 1.28	42.45 3.43 0.80	43.69 3.35 0.00	46.59 3.19 0.26	49.09 3.17 0.00	50.66 3.45 0.00	41.89 2.74 0.00	37.75 2.50 0.00	35.90 2.35 0.00
GOLAH___69_KV_TB 1_2 80279	33.20 -0.10 0.00	28.30 -1.03 0.00	27.09 -0.90 0.00	26.33 -0.84 0.00	27.20 -0.84 0.00	30.30 -0.75 0.00	37.96 -1.05 0.00	40.05 -1.71 0.00	41.85 -2.16 0.01	38.07 -2.56 0.00	36.95 -1.99 0.01	35.81 -2.00 0.00	35.22 -2.01 0.00	34.61 -2.01 0.01	34.22 -2.03 0.01	34.53 -2.09 0.00	37.11 -2.71 0.01	37.75 -2.58 0.01	41.39 -2.27 0.00	43.99 -1.93 0.00	45.14 -2.08 0.00	37.55 -1.61 0.00	33.77 -1.48 0.00	32.01 -1.54 0.00
GOODYEAR_LAKE_HYD 323669	34.70 1.40 0.00	30.53 1.20 0.00	29.10 1.12 0.00	28.32 1.14 0.00	29.27 1.23 0.00	32.51 1.46 0.00	40.89 1.87 0.00	43.80 2.05 0.00	46.30 2.29 0.00	42.71 2.07 0.00	40.90 1.95 0.00	39.67 1.85 0.00	38.98 1.75 0.00	38.32 1.69 0.00	38.01 1.74 0.00	38.19 1.57 0.00	41.70 1.87 0.00	42.16 1.82 0.00	45.67 2.01 0.00	48.08 2.16 0.00	49.48 2.27 0.00	40.99 1.84 0.00	36.84 1.59 0.00	35.03 1.48 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	33.60 0.30 0.00	29.30 -0.03 0.00	27.98 0.00 0.00	27.18 0.00 0.00	28.07 0.03 0.00	31.17 0.12 0.00	39.21 0.20 0.00	41.72 -0.04 0.00	43.87 -0.13 0.01	40.59 -0.04 0.00	38.74 -0.19 0.01	37.62 -0.19 0.00	37.00 -0.22 0.00	36.41 -0.22 0.01	36.11 -0.15 0.01	36.40 -0.22 0.00	39.58 -0.24 0.01	40.09 -0.24 0.01	43.53 -0.13 0.00	46.06 0.14 0.00	47.26 0.05 0.00	39.23 0.08 0.00	35.29 0.04 0.00	33.52 -0.03 0.00

GOUDEY___7 23579	33.60 0.30 0.00	29.30 -0.03 0.00	27.98 0.00 0.00	27.18 0.00 0.00	28.07 0.03 0.00	31.17 0.12 0.00	39.21 0.20 0.00	41.72 -0.04 0.00	43.87 -0.13 0.01	40.59 -0.04 0.00	38.74 -0.19 0.01	37.62 -0.19 0.00	37.00 -0.22 0.00	36.41 -0.22 0.01	36.11 -0.15 0.01	36.40 -0.22 0.00	39.58 -0.24 0.01	40.09 -0.24 0.01	43.53 -0.13 0.00	46.06 0.14 0.00	47.26 0.05 0.00	39.23 0.08 0.00	35.29 0.04 0.00	33.52 -0.03 0.00
GOUDEY___8 23580	33.60 0.30 0.00	29.30 -0.03 0.00	27.98 0.00 0.00	27.18 0.00 0.00	28.07 0.03 0.00	31.17 0.12 0.00	39.21 0.20 0.00	41.72 -0.04 0.00	43.87 -0.13 0.01	40.59 -0.04 0.00	38.74 -0.19 0.01	37.62 -0.19 0.00	37.00 -0.22 0.00	36.41 -0.22 0.01	36.11 -0.15 0.01	36.40 -0.22 0.00	39.58 -0.24 0.01	40.09 -0.24 0.01	43.53 -0.13 0.00	46.06 0.14 0.00	47.26 0.05 0.00	39.23 0.08 0.00	35.29 0.04 0.00	33.52 -0.03 0.00
GOWANUS_GT1_1 24077	35.43 2.13 0.00	31.44 2.11 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.94 1.91 0.00	33.00 1.96 0.00	41.59 2.58 0.00	44.97 3.22 0.00	47.91 3.87 -0.03	44.40 3.74 -0.03	42.37 3.43 0.00	41.17 3.33 -0.03	50.81 3.28 -10.31	53.10 3.30 -13.17	39.56 3.26 -0.03	53.14 3.15 -13.37	51.90 3.70 -8.37	43.93 3.59 0.00	49.79 3.41 -2.72	49.32 3.40 0.00	50.85 3.64 0.00	42.20 3.01 -0.03	38.00 2.75 0.00	36.11 2.55 0.00
GOWANUS_GT1_2 24078	35.43 2.13 0.00	31.44 2.11 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.94 1.91 0.00	33.00 1.96 0.00	41.59 2.58 0.00	44.97 3.22 0.00	47.91 3.87 -0.03	44.40 3.74 -0.03	42.37 3.43 0.00	41.17 3.33 -0.03	50.81 3.28 -10.31	53.10 3.30 -13.17	39.56 3.26 -0.03	53.14 3.15 -13.37	51.90 3.70 -8.37	43.93 3.59 0.00	49.79 3.41 -2.72	49.32 3.40 0.00	50.85 3.64 0.00	42.20 3.01 -0.03	38.00 2.75 0.00	36.11 2.55 0.00
GOWANUS_GT1_3 24079	35.43 2.13 0.00	31.44 2.11 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.94 1.91 0.00	33.00 1.96 0.00	41.59 2.58 0.00	44.97 3.22 0.00	47.91 3.87 -0.03	44.40 3.74 -0.03	42.37 3.43 0.00	41.17 3.33 -0.03	50.81 3.28 -10.31	53.10 3.30 -13.17	39.56 3.26 -0.03	53.14 3.15 -13.37	51.90 3.70 -8.37	43.93 3.59 0.00	49.79 3.41 -2.72	49.32 3.40 0.00	50.85 3.64 0.00	42.20 3.01 -0.03	38.00 2.75 0.00	36.11 2.55 0.00
GOWANUS_GT1_4 24080	35.43 2.13 0.00	31.44 2.11 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.94 1.91 0.00	33.00 1.96 0.00	41.59 2.58 0.00	44.97 3.22 0.00	47.91 3.87 -0.03	44.40 3.74 -0.03	42.37 3.43 0.00	41.17 3.33 -0.03	50.81 3.28 -10.31	53.10 3.30 -13.17	39.56 3.26 -0.03	53.14 3.15 -13.37	51.90 3.70 -8.37	43.93 3.59 0.00	49.79 3.41 -2.72	49.32 3.40 0.00	50.85 3.64 0.00	42.20 3.01 -0.03	38.00 2.75 0.00	36.11 2.55 0.00
GOWANUS_GT1_5 24084	35.43 2.13 0.00	31.44 2.11 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.94 1.91 0.00	33.00 1.96 0.00	41.59 2.58 0.00	44.97 3.22 0.00	47.91 3.87 -0.03	44.40 3.74 -0.03	42.37 3.43 0.00	41.17 3.33 -0.03	50.81 3.28 -10.31	53.10 3.30 -13.17	39.56 3.26 -0.03	53.14 3.15 -13.37	51.90 3.70 -8.37	43.93 3.59 0.00	49.79 3.41 -2.72	49.32 3.40 0.00	50.85 3.64 0.00	42.20 3.01 -0.03	38.00 2.75 0.00	36.11 2.55 0.00
GOWANUS_GT1_6 24111	35.43 2.13 0.00	31.44 2.11 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.94 1.91 0.00	33.00 1.96 0.00	41.59 2.58 0.00	44.97 3.22 0.00	47.91 3.87 -0.03	44.40 3.74 -0.03	42.37 3.43 0.00	41.17 3.33 -0.03	50.81 3.28 -10.31	53.10 3.30 -13.17	39.56 3.26 -0.03	53.14 3.15 -13.37	51.90 3.70 -8.37	43.93 3.59 0.00	49.79 3.41 -2.72	49.32 3.40 0.00	50.85 3.64 0.00	42.20 3.01 -0.03	38.00 2.75 0.00	36.11 2.55 0.00
GOWANUS_GT1_7 24112	35.43 2.13 0.00	31.44 2.11 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.94 1.91 0.00	33.00 1.96 0.00	41.59 2.58 0.00	44.97 3.22 0.00	47.91 3.87 -0.03	44.40 3.74 -0.03	42.37 3.43 0.00	41.17 3.33 -0.03	50.81 3.28 -10.31	53.10 3.30 -13.17	39.56 3.26 -0.03	53.14 3.15 -13.37	51.90 3.70 -8.37	43.93 3.59 0.00	49.79 3.41 -2.72	49.32 3.40 0.00	50.85 3.64 0.00	42.20 3.01 -0.03	38.00 2.75 0.00	36.11 2.55 0.00
GOWANUS_GT1_8 24113	35.43 2.13 0.00	31.44 2.11 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.94 1.91 0.00	33.00 1.96 0.00	41.59 2.58 0.00	44.97 3.22 0.00	47.91 3.87 -0.03	44.40 3.74 -0.03	42.37 3.43 0.00	41.17 3.33 -0.03	50.81 3.28 -10.31	53.10 3.30 -13.17	39.56 3.26 -0.03	53.14 3.15 -13.37	51.90 3.70 -8.37	43.93 3.59 0.00	49.79 3.41 -2.72	49.32 3.40 0.00	50.85 3.64 0.00	42.20 3.01 -0.03	38.00 2.75 0.00	36.11 2.55 0.00
GOWANUS_GT2_1 24114	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00
GOWANUS_GT2_2 24115	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00
GOWANUS_GT2_3 24116	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00
GOWANUS_GT2_4 24117	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00
GOWANUS_GT2_5 24118	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00

GOWANUS_GT2_6 24119	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00
GOWANUS_GT2_7 24120	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00
GOWANUS_GT2_8 24121	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00
GOWANUS_GT3_1 24122	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00
GOWANUS_GT3_2 24123	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00
GOWANUS_GT3_3 24124	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00
GOWANUS_GT3_4 24125	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00
GOWANUS_GT3_5 24126	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00
GOWANUS_GT3_6 24127	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00
GOWANUS_GT3_7 24128	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00
GOWANUS_GT3_8 24129	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00
GOWANUS_GT4_1 24130	35.43 2.13 0.00	31.44 2.11 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.94 1.91 0.00	33.00 1.96 0.00	41.59 2.58 0.00	44.97 3.22 0.00	47.91 3.87 -0.03	44.40 3.74 -0.03	42.37 3.43 0.00	41.17 3.33 -0.03	50.81 3.28 -10.31	53.10 3.30 -13.17	39.56 3.26 -0.03	53.14 3.15 -13.37	51.90 3.70 -8.37	43.93 3.59 0.00	49.79 3.41 -2.72	49.32 3.40 0.00	50.85 3.64 0.00	42.20 3.01 -0.03	38.00 2.75 0.00	36.11 2.55 0.00
GOWANUS_GT4_2 24131	35.43 2.13 0.00	31.44 2.11 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.94 1.91 0.00	33.00 1.96 0.00	41.59 2.58 0.00	44.97 3.22 0.00	47.91 3.87 -0.03	44.40 3.74 -0.03	42.37 3.43 0.00	41.17 3.33 -0.03	50.81 3.28 -10.31	53.10 3.30 -13.17	39.56 3.26 -0.03	53.14 3.15 -13.37	51.90 3.70 -8.37	43.93 3.59 0.00	49.79 3.41 -2.72	49.32 3.40 0.00	50.85 3.64 0.00	42.20 3.01 -0.03	38.00 2.75 0.00	36.11 2.55 0.00
GOWANUS_GT4_3 24132	35.43 2.13 0.00	31.44 2.11 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.94 1.91 0.00	33.00 1.96 0.00	41.59 2.58 0.00	44.97 3.22 0.00	47.91 3.87 -0.03	44.40 3.74 -0.03	42.37 3.43 0.00	41.17 3.33 -0.03	50.81 3.28 -10.31	53.10 3.30 -13.17	39.56 3.26 -0.03	53.14 3.15 -13.37	51.90 3.70 -8.37	43.93 3.59 0.00	49.79 3.41 -2.72	49.32 3.40 0.00	50.85 3.64 0.00	42.20 3.01 -0.03	38.00 2.75 0.00	36.11 2.55 0.00
GOWANUS_GT4_4 24133	35.43 2.13 0.00	31.44 2.11 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.94 1.91 0.00	33.00 1.96 0.00	41.59 2.58 0.00	44.97 3.22 0.00	47.91 3.87 -0.03	44.40 3.74 -0.03	42.37 3.43 0.00	41.17 3.33 -0.03	50.81 3.28 -10.31	53.10 3.30 -13.17	39.56 3.26 -0.03	53.14 3.15 -13.37	51.90 3.70 -8.37	43.93 3.59 0.00	49.79 3.41 -2.72	49.32 3.40 0.00	50.85 3.64 0.00	42.20 3.01 -0.03	38.00 2.75 0.00	36.11 2.55 0.00

GOWANUS_GT4_5 24134	35.43 2.13 0.00	31.44 2.11 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.94 1.91 0.00	33.00 1.96 0.00	41.59 2.58 0.00	44.97 3.22 0.00	47.91 3.87 -0.03	44.40 3.74 -0.03	42.37 3.43 0.00	41.17 3.33 -0.03	50.81 3.28 -10.31	53.10 3.30 -13.17	39.56 3.26 -0.03	53.14 3.15 -13.37	51.90 3.70 -8.37	43.93 3.59 0.00	49.79 3.41 -2.72	49.32 3.40 0.00	50.85 3.64 0.00	42.20 3.01 -0.03	38.00 2.75 0.00	36.11 2.55 0.00
GOWANUS_GT4_6 24135	35.43 2.13 0.00	31.44 2.11 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.94 1.91 0.00	33.00 1.96 0.00	41.59 2.58 0.00	44.97 3.22 0.00	47.91 3.87 -0.03	44.40 3.74 -0.03	42.37 3.43 0.00	41.17 3.33 -0.03	50.81 3.28 -10.31	53.10 3.30 -13.17	39.56 3.26 -0.03	53.14 3.15 -13.37	51.90 3.70 -8.37	43.93 3.59 0.00	49.79 3.41 -2.72	49.32 3.40 0.00	50.85 3.64 0.00	42.20 3.01 -0.03	38.00 2.75 0.00	36.11 2.55 0.00
GOWANUS_GT4_7 24136	35.43 2.13 0.00	31.44 2.11 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.94 1.91 0.00	33.00 1.96 0.00	41.59 2.58 0.00	44.97 3.22 0.00	47.91 3.87 -0.03	44.40 3.74 -0.03	42.37 3.43 0.00	41.17 3.33 -0.03	50.81 3.28 -10.31	53.10 3.30 -13.17	39.56 3.26 -0.03	53.14 3.15 -13.37	51.90 3.70 -8.37	43.93 3.59 0.00	49.79 3.41 -2.72	49.32 3.40 0.00	50.85 3.64 0.00	42.20 3.01 -0.03	38.00 2.75 0.00	36.11 2.55 0.00
GOWANUS_GT4_8 24137	35.43 2.13 0.00	31.44 2.11 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.94 1.91 0.00	33.00 1.96 0.00	41.59 2.58 0.00	44.97 3.22 0.00	47.91 3.87 -0.03	44.40 3.74 -0.03	42.37 3.43 0.00	41.17 3.33 -0.03	50.81 3.28 -10.31	53.10 3.30 -13.17	39.56 3.26 -0.03	53.14 3.15 -13.37	51.90 3.70 -8.37	43.93 3.59 0.00	49.79 3.41 -2.72	49.32 3.40 0.00	50.85 3.64 0.00	42.20 3.01 -0.03	38.00 2.75 0.00	36.11 2.55 0.00
GREATVRV_69_KV_BK1 356245	36.74 3.43 -0.01	32.50 3.17 -0.01	31.02 3.02 -0.01	30.12 2.94 -0.01	31.05 3.00 -0.01	34.26 3.20 -0.01	43.08 4.06 -0.01	46.32 4.55 -0.01	48.91 4.89 -0.01	47.88 4.67 -2.57	50.26 3.82 -7.50	49.03 3.71 -7.51	48.15 3.65 -7.28	48.26 3.59 -8.03	51.10 3.55 -11.27	53.37 3.44 -13.30	48.00 4.02 -4.15	50.05 4.03 -5.67	48.36 4.10 -0.59	55.07 4.36 -4.78	51.76 4.53 -0.01	48.78 3.76 -5.87	44.74 3.81 -5.68	37.37 3.72 -0.09
GREENBSH_115KV_TB3 55895	33.97 0.67 0.00	30.03 0.70 0.00	28.66 0.67 0.00	27.83 0.65 0.00	28.71 0.67 0.00	31.67 0.62 0.00	39.68 0.66 0.00	42.68 0.92 0.00	44.98 0.97 0.00	41.65 1.02 0.00	39.96 1.01 0.00	38.80 0.98 0.00	38.16 0.93 0.00	37.59 0.95 0.00	37.25 0.98 0.00	37.53 0.92 0.00	40.90 1.08 0.00	41.27 0.93 0.00	44.58 0.92 0.00	46.75 0.83 0.00	48.11 0.90 0.00	39.98 0.82 0.00	36.10 0.85 0.00	34.36 0.81 0.00
GREENDGE_115KV_TB5 80291	33.47 0.17 0.00	28.86 -0.47 0.00	27.59 -0.39 0.00	26.80 -0.38 0.00	27.70 -0.34 0.00	30.89 -0.16 0.00	38.98 -0.04 0.00	41.30 -0.46 0.00	43.09 -0.88 0.04	39.57 -1.14 -0.08	37.85 -1.05 0.04	36.72 -1.10 0.00	36.15 -1.08 0.00	35.69 -0.92 0.02	35.34 -0.87 0.05	35.67 -0.95 0.00	38.66 -1.12 0.06	39.32 -0.97 0.06	43.01 -0.65 0.00	45.74 -0.18 0.00	46.88 -0.33 0.00	38.88 -0.27 0.00	34.86 -0.39 0.00	33.02 -0.54 0.00
GREENIDGE___3 23582	33.47 0.17 0.00	28.86 -0.47 0.00	27.59 -0.39 0.00	26.80 -0.38 0.00	27.70 -0.34 0.00	30.89 -0.16 0.00	38.98 -0.04 0.00	41.30 -0.46 0.00	43.09 -0.88 0.04	39.57 -1.14 -0.08	37.85 -1.05 0.04	36.72 -1.10 0.00	36.15 -1.08 0.00	35.69 -0.92 0.02	35.34 -0.87 0.05	35.67 -0.95 0.00	38.66 -1.12 0.06	39.32 -0.97 0.06	43.01 -0.65 0.00	45.74 -0.18 0.00	46.88 -0.33 0.00	38.88 -0.27 0.00	34.86 -0.39 0.00	33.02 -0.54 0.00
GREENIDGE___4 23583	33.47 0.17 0.00	28.86 -0.47 0.00	27.59 -0.39 0.00	26.80 -0.38 0.00	27.70 -0.34 0.00	30.89 -0.15 0.00	38.98 -0.04 0.00	41.30 -0.46 0.00	43.09 -0.88 0.04	39.57 -1.14 -0.08	37.86 -1.05 0.04	36.75 -1.06 0.00	36.15 -1.08 0.00	35.70 -0.91 0.02	35.34 -0.87 0.05	35.70 -0.91 0.00	38.66 -1.11 0.06	39.32 -0.97 0.06	43.01 -0.65 0.00	45.74 -0.18 0.00	46.93 -0.28 0.00	38.88 -0.27 0.00	34.86 -0.39 0.00	33.12 -0.44 0.00
GREENLWN_69_KV_BK 3 55738	36.04 2.73 -0.01	31.92 2.58 -0.01	30.43 2.43 -0.01	29.58 2.39 -0.01	30.49 2.44 -0.01	33.70 2.64 -0.01	42.38 3.36 -0.01	45.36 3.59 -0.01	47.81 3.79 -0.01	46.85 3.66 -2.56	49.29 2.88 -7.46	48.09 2.80 -7.47	47.22 2.75 -7.24	47.37 2.75 -7.99	50.21 2.72 -11.22	52.50 2.64 -13.24	47.06 3.11 -4.13	49.05 3.07 -5.64	47.22 2.97 -0.59	53.76 3.08 -4.76	50.53 3.31 -0.01	47.61 2.62 -5.84	43.73 2.82 -5.66	36.70 3.05 -0.09
GREENWD_138_KV_38B11_REV_LBMP_J 345004	35.43 2.13 0.00	31.44 2.11 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.94 1.91 0.00	33.00 1.96 0.00	41.59 2.58 0.00	44.97 3.22 0.00	47.91 3.87 -0.03	44.40 3.74 -0.03	42.37 3.43 0.00	41.17 3.33 -0.03	50.81 3.28 -10.31	53.10 3.30 -13.17	39.56 3.26 -0.03	53.14 3.15 -13.37	51.90 3.70 -8.37	43.93 3.59 0.00	49.79 3.41 -2.72	49.32 3.40 0.00	50.85 3.64 0.00	42.20 3.01 -0.03	38.00 2.75 0.00	36.11 2.55 0.00
GRISSOM___SOLAR 323813	35.30 2.00 0.00	31.12 1.79 0.00	29.69 1.71 0.00	28.86 1.69 0.00	29.83 1.80 0.00	33.01 1.96 0.00	41.55 2.53 0.00	44.64 2.88 0.00	47.01 2.99 0.00	43.36 2.72 0.00	41.40 2.46 0.00	40.16 2.35 0.00	39.46 2.23 0.00	38.83 2.20 0.00	38.48 2.21 0.00	38.85 2.23 0.00	42.50 2.67 0.00	43.05 2.70 0.00	46.72 3.06 0.00	49.14 3.21 0.00	50.57 3.35 0.00	41.85 2.70 0.00	37.65 2.40 0.00	35.77 2.21 0.00
GROVEVILLE___HYD 323602	35.03 1.73 0.00	31.00 1.67 0.00	29.58 1.60 0.00	28.73 1.55 0.00	29.61 1.57 0.00	32.76 1.71 0.00	41.16 2.15 0.00	44.47 2.71 0.00	47.18 3.17 0.00	43.68 3.05 0.00	41.71 2.77 0.00	40.50 2.68 0.00	39.87 2.64 0.00	39.24 2.60 0.00	38.88 2.61 0.00	39.11 2.49 0.00	42.74 2.91 0.00	43.17 2.82 0.00	46.50 2.84 0.00	48.68 2.76 0.00	50.28 3.07 0.00	41.62 2.47 0.00	37.51 2.26 0.00	35.77 2.21 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	33.10 -0.20 0.00	29.03 -0.29 0.00	27.70 -0.28 0.00	26.93 -0.24 0.00	27.79 -0.25 0.00	30.86 -0.19 0.00	38.90 -0.12 0.00	41.42 -0.33 0.00	43.57 -0.44 0.00	40.11 -0.53 0.00	38.52 -0.43 0.00	37.36 -0.45 0.00	36.78 -0.45 0.00	36.23 -0.40 0.00	35.87 -0.40 0.00	36.18 -0.44 0.00	39.31 -0.52 0.00	39.86 -0.48 0.00	43.23 -0.44 0.00	45.56 -0.37 0.00	46.79 -0.42 0.00	38.76 -0.39 0.00	34.86 -0.39 0.00	33.15 -0.40 0.00
HAMLTNNY_34_KV_TB 80303	33.13 -0.17 0.00	28.97 -0.35 0.00	27.68 -0.31 0.00	26.88 -0.30 0.00	27.76 -0.28 0.00	30.83 -0.22 0.00	38.86 -0.16 0.00	41.38 -0.38 0.00	43.48 -0.53 0.00	39.98 -0.65 0.00	38.40 -0.55 0.00	37.25 -0.57 0.00	36.67 -0.56 0.00	36.12 -0.51 0.00	35.76 -0.51 0.00	36.07 -0.55 0.00	39.19 -0.64 0.00	39.70 -0.65 0.00	43.14 -0.52 0.00	45.51 -0.41 0.00	46.70 -0.52 0.00	38.72 -0.43 0.00	34.79 -0.46 0.00	33.09 -0.47 0.00

HAMPSHIRE___PAPER_HYD 323593	32.27 -1.03 0.00	28.48 -0.85 0.00	27.15 -0.84 0.00	26.36 -0.81 0.00	27.22 -0.81 0.00	30.30 -0.75 0.00	38.12 -0.90 0.00	40.80 -0.96 0.00	42.87 -1.14 0.00	39.33 -1.30 0.00	37.70 -1.25 0.00	36.57 -1.25 0.00	35.96 -1.27 0.00	35.43 -1.21 0.00	34.93 -1.34 0.00	35.23 -1.39 0.00	38.40 -1.43 0.00	38.97 -1.37 0.00	42.44 -1.22 0.00	44.50 -1.42 0.00	45.89 -1.32 0.00	38.21 -0.94 0.00	34.40 -0.85 0.00	32.48 -1.08 0.00
HARDSCRABBLE_WT_PWR 323673	32.97 -0.33 0.00	29.06 -0.26 0.00	27.70 -0.28 0.00	26.93 -0.25 0.00	27.81 -0.23 0.00	30.83 -0.22 0.00	38.70 -0.31 0.00	41.47 -0.29 0.00	43.71 -0.31 0.00	40.35 -0.28 0.00	38.72 -0.23 0.00	37.55 -0.26 0.00	36.93 -0.30 0.00	36.34 -0.29 0.00	35.98 -0.29 0.00	36.29 -0.33 0.00	39.47 -0.36 0.00	39.94 -0.40 0.00	43.18 -0.48 0.00	45.42 -0.50 0.00	46.70 -0.52 0.00	38.72 -0.43 0.00	34.83 -0.42 0.00	33.15 -0.40 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.93 1.63 0.00	30.91 1.58 0.00	29.47 1.48 0.00	28.62 1.44 0.00	29.50 1.46 0.00	32.66 1.61 0.00	41.05 2.03 0.00	44.31 2.55 0.00	47.01 2.99 0.00	43.56 2.93 0.00	41.56 2.61 0.00	40.38 2.57 0.00	39.76 2.53 0.00	39.13 2.49 0.00	38.77 2.50 0.00	39.00 2.38 0.00	42.62 2.79 0.00	43.09 2.74 0.00	46.37 2.71 0.00	48.59 2.66 0.00	50.19 2.97 0.00	41.54 2.39 0.00	37.40 2.15 0.00	35.64 2.08 0.00
HARSNRAD_115KV_TB1 81005	32.44 -0.87 0.00	27.27 -2.05 0.00	26.14 -1.85 0.00	25.41 -1.77 0.00	26.27 -1.77 0.00	29.19 -1.86 0.00	36.48 -2.54 0.00	38.08 -3.67 0.00	39.64 -4.36 0.02	36.21 -4.39 0.04	35.12 -3.82 0.02	34.03 -3.78 0.00	33.54 -3.69 0.00	33.04 -3.59 0.01	32.81 -3.45 0.02	32.99 -3.63 0.00	35.43 -4.38 0.02	35.93 -4.40 0.02	39.56 -4.10 0.00	42.29 -3.63 0.00	43.15 -4.06 0.00	36.10 -3.05 0.00	32.61 -2.64 0.00	30.90 -2.65 0.00
HARZA MOOSE___RIVER 24016	33.40 0.10 0.00	29.41 0.09 0.00	28.04 0.06 0.00	27.28 0.11 0.00	28.21 0.17 0.00	31.39 0.34 0.00	39.45 0.43 0.00	42.13 0.38 0.00	44.36 0.35 0.00	40.76 0.12 0.00	39.10 0.16 0.00	37.85 0.04 0.00	37.19 -0.04 0.00	36.60 -0.04 0.00	36.12 -0.15 0.00	36.44 -0.18 0.00	39.75 -0.08 0.00	40.30 -0.04 0.00	43.88 0.22 0.00	46.15 0.23 0.00	47.55 0.33 0.00	39.39 0.23 0.00	35.53 0.28 0.00	33.56 0.00 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	33.03 -0.27 0.00	28.95 -0.38 0.00	27.65 -0.34 0.00	26.85 -0.33 0.00	27.70 -0.34 0.00	30.77 -0.28 0.00	38.74 -0.27 0.00	41.26 -0.50 0.00	43.40 -0.62 0.00	39.98 -0.65 0.00	38.36 -0.58 0.00	37.21 -0.61 0.00	36.67 -0.56 0.00	36.12 -0.51 0.00	35.76 -0.51 0.00	36.07 -0.55 0.00	39.19 -0.64 0.00	39.74 -0.61 0.00	43.10 -0.57 0.00	45.42 -0.51 0.00	46.65 -0.57 0.00	38.68 -0.47 0.00	34.79 -0.46 0.00	33.09 -0.47 0.00
HELLGATE_13_KV_LD 55870	35.43 2.13 0.00	31.50 2.17 0.00	30.00 2.01 0.00	29.16 1.98 0.00	30.00 1.96 0.00	33.07 2.02 0.00	41.63 2.61 0.00	45.02 3.26 0.00	47.93 3.92 0.00	44.45 3.82 0.00	42.41 3.47 0.00	41.22 3.40 0.00	40.58 3.35 0.00	40.01 3.37 0.00	39.60 3.34 0.00	39.84 3.22 0.00	43.57 3.74 0.00	43.97 3.63 0.00	47.11 3.45 0.00	49.37 3.44 0.00	50.90 3.68 0.00	42.13 2.98 0.00	38.00 2.75 0.00	36.11 2.55 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	35.43 2.13 0.00	31.50 2.17 0.00	30.00 2.01 0.00	29.16 1.98 0.00	30.00 1.96 0.00	33.07 2.02 0.00	41.63 2.61 0.00	45.02 3.26 0.00	47.93 3.92 0.00	44.45 3.82 0.00	42.41 3.47 0.00	41.22 3.40 0.00	40.58 3.35 0.00	40.01 3.37 0.00	39.60 3.34 0.00	39.84 3.22 0.00	43.57 3.74 0.00	43.97 3.63 0.00	47.11 3.45 0.00	49.37 3.44 0.00	50.90 3.68 0.00	42.13 2.98 0.00	38.00 2.75 0.00	36.11 2.55 0.00
HEMPSTEAD____ 23647	35.71 2.40 -0.01	31.66 2.32 -0.01	30.18 2.18 -0.01	29.34 2.15 -0.01	30.24 2.19 -0.01	33.42 2.36 -0.01	42.04 3.00 -0.01	45.15 3.38 -0.01	47.85 3.83 -0.01	48.03 3.66 -3.74	52.88 3.04 -10.89	51.67 2.95 -10.91	50.73 2.94 -10.57	51.19 2.89 -11.66	55.55 2.90 -16.38	58.72 2.78 -19.32	49.12 3.27 -6.02	51.81 3.23 -8.24	47.67 3.15 -0.86	56.03 3.17 -6.94	50.63 3.40 -0.01	50.45 2.78 -8.52	46.29 2.78 -8.25	36.40 2.72 -0.13
HICKLING___1 23621	33.70 0.40 0.00	29.03 -0.29 0.00	27.79 -0.20 0.00	26.99 -0.19 0.00	27.87 -0.17 0.00	31.08 0.03 0.00	39.13 0.12 0.00	41.34 -0.42 0.00	43.21 -0.75 0.05	40.01 -0.65 -0.03	38.04 -0.86 0.05	36.94 -0.87 0.00	36.37 -0.86 0.00	35.73 -0.88 0.02	35.42 -0.80 0.05	35.70 -0.92 0.00	38.70 -1.08 0.05	39.28 -1.01 0.05	42.79 -0.87 0.00	45.56 -0.37 0.00	46.70 -0.52 0.00	38.80 -0.35 0.00	34.83 -0.42 0.00	32.98 -0.57 0.00
HICKLING___2 23622	33.70 0.40 0.00	29.03 -0.29 0.00	27.79 -0.20 0.00	26.99 -0.19 0.00	27.87 -0.17 0.00	31.08 0.03 0.00	39.13 0.12 0.00	41.34 -0.42 0.00	43.21 -0.75 0.05	40.01 -0.65 -0.03	38.04 -0.86 0.05	36.94 -0.87 0.00	36.37 -0.86 0.00	35.73 -0.88 0.02	35.42 -0.80 0.05	35.70 -0.92 0.00	38.70 -1.08 0.05	39.28 -1.01 0.05	42.79 -0.87 0.00	45.56 -0.37 0.00	46.70 -0.52 0.00	38.80 -0.35 0.00	34.83 -0.42 0.00	32.98 -0.57 0.00
HIGH FALLS___HY 23754	35.00 1.70 0.00	30.94 1.61 0.00	29.50 1.51 0.00	28.67 1.49 0.00	29.55 1.51 0.00	32.73 1.68 0.00	41.16 2.15 0.00	44.43 2.67 0.00	47.09 3.08 0.00	43.56 2.93 0.00	41.52 2.57 0.00	40.35 2.53 0.00	39.68 2.46 0.00	39.09 2.45 0.00	38.73 2.47 0.00	38.96 2.34 0.00	42.62 2.79 0.00	43.09 2.74 0.00	46.46 2.79 0.00	48.68 2.76 0.00	50.28 3.07 0.00	41.62 2.47 0.00	37.44 2.19 0.00	35.74 2.18 0.00
HIGH_RIVER___SOLAR 323847	34.70 1.40 0.00	30.62 1.29 0.00	29.21 1.23 0.00	28.40 1.22 0.00	29.33 1.29 0.00	32.41 1.36 0.00	40.69 1.68 0.00	43.68 1.92 0.00	45.99 1.98 0.00	42.46 1.83 0.00	40.58 1.64 0.00	39.36 1.55 0.00	38.75 1.53 0.00	38.10 1.47 0.00	37.75 1.49 0.00	38.16 1.54 0.00	41.66 1.83 0.00	42.24 1.90 0.00	45.76 2.10 0.00	48.13 2.20 0.00	49.53 2.31 0.00	41.03 1.88 0.00	36.94 1.69 0.00	35.13 1.58 0.00
HILLBURN___GT 23639	35.00 1.70 0.00	30.97 1.64 0.00	29.52 1.54 0.00	28.70 1.52 0.00	29.58 1.54 0.00	32.72 1.68 0.00	41.16 2.14 0.00	44.39 2.63 0.00	47.14 3.13 0.00	43.68 3.05 0.00	41.71 2.77 0.00	40.50 2.69 0.00	39.91 2.68 0.00	39.27 2.64 0.00	38.91 2.65 0.00	39.14 2.52 0.00	42.74 2.91 0.00	43.25 2.91 0.00	46.46 2.80 0.00	48.72 2.80 0.00	50.28 3.07 0.00	41.66 2.51 0.00	37.54 2.29 0.00	35.67 2.12 0.00
HILLSIDE_115KV_TB1 80332	33.13 -0.17 0.00	28.68 -0.65 0.00	27.42 -0.56 0.00	26.63 -0.54 0.00	27.53 -0.50 0.00	30.61 -0.43 0.00	38.55 -0.47 0.00	40.80 -0.96 0.00	42.69 -1.28 0.05	39.64 -1.02 -0.02	37.65 -1.25 0.05	36.57 -1.25 0.00	36.00 -1.23 0.00	35.40 -1.21 0.02	35.06 -1.16 0.05	35.34 -1.28 0.00	38.35 -1.43 0.05	38.84 -1.45 0.05	42.40 -1.27 0.00	45.05 -0.87 0.00	46.22 -0.99 0.00	38.41 -0.74 0.00	34.51 -0.74 0.00	32.72 -0.84 0.00

HISHELDN_WT_PWR 323625	32.87 -0.43 0.00	27.77 -1.56 0.00	26.61 -1.37 0.00	25.84 -1.33 0.00	26.75 -1.29 0.00	29.71 -1.33 0.00	37.22 -1.79 0.00	38.88 -2.88 0.00	40.47 -3.52 0.02	37.18 -3.33 0.13	35.69 -3.23 0.02	34.71 -3.10 0.00	34.10 -3.13 0.00	33.55 -3.08 0.01	33.34 -2.90 0.02	33.58 -3.04 0.00	36.22 -3.58 0.02	36.77 -3.55 0.02	40.39 -3.28 0.00	43.31 -2.62 0.00	44.33 -2.88 0.00	36.96 -2.19 0.00	33.28 -1.97 0.00	31.74 -1.81 0.00
HOLTSVILLE_IC_1 23690	36.34 3.03 -0.01	32.18 2.84 -0.01	30.71 2.71 -0.01	29.85 2.66 -0.01	30.74 2.69 -0.01	33.91 2.85 -0.01	42.66 3.63 -0.01	45.74 3.97 -0.01	48.25 4.23 -0.01	47.19 4.06 -2.50	49.46 3.23 -7.28	48.21 3.10 -7.29	47.34 3.05 -7.06	47.44 3.00 -7.80	50.22 3.01 -10.95	52.40 2.86 -12.92	47.24 3.38 -4.03	49.28 3.43 -5.51	47.65 3.41 -0.58	54.19 3.63 -4.64	51.00 3.78 -0.01	47.98 3.13 -5.70	44.08 3.31 -5.52	36.93 3.29 -0.09
HOLTSVILLE_IC_10 23699	36.58 3.27 -0.01	32.36 3.02 -0.01	30.90 2.91 -0.01	30.01 2.83 -0.01	30.91 2.86 -0.01	34.10 3.04 -0.01	42.89 3.86 -0.01	46.03 4.26 -0.01	48.60 4.58 -0.01	47.54 4.39 -2.52	49.79 3.51 -7.33	48.52 3.36 -7.35	47.69 3.35 -7.12	47.79 3.30 -7.86	50.56 3.27 -11.03	52.78 3.15 -13.02	47.55 3.66 -4.06	49.60 3.71 -5.55	48.00 3.76 -0.58	54.59 3.99 -4.68	51.38 4.16 -0.01	48.34 3.45 -5.74	44.41 3.60 -5.56	37.17 3.52 -0.09
HOLTSVILLE_IC_2 23691	36.34 3.03 -0.01	32.18 2.84 -0.01	30.71 2.71 -0.01	29.85 2.66 -0.01	30.74 2.69 -0.01	33.91 2.85 -0.01	42.66 3.63 -0.01	45.74 3.97 -0.01	48.25 4.23 -0.01	47.19 4.06 -2.50	49.46 3.23 -7.28	48.21 3.10 -7.29	47.34 3.05 -7.06	47.44 3.00 -7.80	50.22 3.01 -10.95	52.40 2.86 -12.92	47.24 3.38 -4.03	49.28 3.43 -5.51	47.65 3.41 -0.58	54.19 3.63 -4.64	51.00 3.78 -0.01	47.98 3.13 -5.70	44.08 3.31 -5.52	36.93 3.29 -0.09
HOLTSVILLE_IC_3 23692	36.34 3.03 -0.01	32.18 2.84 -0.01	30.71 2.71 -0.01	29.85 2.66 -0.01	30.74 2.69 -0.01	33.91 2.85 -0.01	42.66 3.63 -0.01	45.74 3.97 -0.01	48.25 4.23 -0.01	47.19 4.06 -2.50	49.46 3.23 -7.28	48.21 3.10 -7.29	47.34 3.05 -7.06	47.44 3.00 -7.80	50.22 3.01 -10.95	52.40 2.86 -12.92	47.24 3.38 -4.03	49.28 3.43 -5.51	47.65 3.41 -0.58	54.19 3.63 -4.64	51.00 3.78 -0.01	47.98 3.13 -5.70	44.08 3.31 -5.52	36.93 3.29 -0.09
HOLTSVILLE_IC_4 23693	36.34 3.03 -0.01	32.18 2.84 -0.01	30.71 2.71 -0.01	29.85 2.66 -0.01	30.74 2.69 -0.01	33.91 2.85 -0.01	42.66 3.63 -0.01	45.74 3.97 -0.01	48.25 4.23 -0.01	47.19 4.06 -2.50	49.46 3.23 -7.28	48.21 3.10 -7.29	47.34 3.05 -7.06	47.44 3.00 -7.80	50.22 3.01 -10.95	52.40 2.86 -12.92	47.24 3.38 -4.03	49.28 3.43 -5.51	47.65 3.41 -0.58	54.19 3.63 -4.64	51.00 3.78 -0.01	47.98 3.13 -5.70	44.08 3.31 -5.52	36.93 3.29 -0.09
HOLTSVILLE_IC_5 23694	36.34 3.03 -0.01	32.18 2.84 -0.01	30.71 2.71 -0.01	29.85 2.66 -0.01	30.74 2.69 -0.01	33.91 2.85 -0.01	42.66 3.63 -0.01	45.74 3.97 -0.01	48.25 4.23 -0.01	47.19 4.06 -2.50	49.46 3.23 -7.28	48.21 3.10 -7.29	47.34 3.05 -7.06	47.44 3.00 -7.80	50.22 3.01 -10.95	52.40 2.86 -12.92	47.24 3.38 -4.03	49.28 3.43 -5.51	47.65 3.41 -0.58	54.19 3.63 -4.64	51.00 3.78 -0.01	47.98 3.13 -5.70	44.08 3.31 -5.52	36.93 3.29 -0.09
HOLTSVILLE_IC_6 23695	36.58 3.27 -0.01	32.36 3.02 -0.01	30.90 2.91 -0.01	30.01 2.83 -0.01	30.91 2.86 -0.01	34.10 3.04 -0.01	42.89 3.86 -0.01	46.03 4.26 -0.01	48.60 4.58 -0.01	47.54 4.39 -2.52	49.79 3.51 -7.33	48.52 3.36 -7.35	47.69 3.35 -7.12	47.79 3.30 -7.86	50.56 3.27 -11.03	52.78 3.15 -13.02	47.55 3.66 -4.06	49.60 3.71 -5.55	48.00 3.76 -0.58	54.59 3.99 -4.68	51.38 4.16 -0.01	48.34 3.45 -5.74	44.41 3.60 -5.56	37.17 3.52 -0.09
HOLTSVILLE_IC_7 23696	36.58 3.27 -0.01	32.36 3.02 -0.01	30.90 2.91 -0.01	30.01 2.83 -0.01	30.91 2.86 -0.01	34.10 3.04 -0.01	42.89 3.86 -0.01	46.03 4.26 -0.01	48.60 4.58 -0.01	47.54 4.39 -2.52	49.79 3.51 -7.33	48.52 3.36 -7.35	47.69 3.35 -7.12	47.79 3.30 -7.86	50.56 3.27 -11.03	52.78 3.15 -13.02	47.55 3.66 -4.06	49.60 3.71 -5.55	48.00 3.76 -0.58	54.59 3.99 -4.68	51.38 4.16 -0.01	48.34 3.45 -5.74	44.41 3.60 -5.56	37.17 3.52 -0.09
HOLTSVILLE_IC_8 23697	36.58 3.27 -0.01	32.36 3.02 -0.01	30.90 2.91 -0.01	30.01 2.83 -0.01	30.91 2.86 -0.01	34.10 3.04 -0.01	42.89 3.86 -0.01	46.03 4.26 -0.01	48.60 4.58 -0.01	47.54 4.39 -2.52	49.79 3.51 -7.33	48.52 3.36 -7.35	47.69 3.35 -7.12	47.79 3.30 -7.86	50.56 3.27 -11.03	52.78 3.15 -13.02	47.55 3.66 -4.06	49.60 3.71 -5.55	48.00 3.76 -0.58	54.59 3.99 -4.68	51.38 4.16 -0.01	48.34 3.45 -5.74	44.41 3.60 -5.56	37.17 3.52 -0.09
HOLTSVILLE_IC_9 23698	36.58 3.27 -0.01	32.36 3.02 -0.01	30.90 2.91 -0.01	30.01 2.83 -0.01	30.91 2.86 -0.01	34.10 3.04 -0.01	42.89 3.86 -0.01	46.03 4.26 -0.01	48.60 4.58 -0.01	47.54 4.39 -2.52	49.79 3.51 -7.33	48.52 3.36 -7.35	47.69 3.35 -7.12	47.79 3.30 -7.86	50.56 3.27 -11.03	52.78 3.15 -13.02	47.55 3.66 -4.06	49.60 3.71 -5.55	48.00 3.76 -0.58	54.59 3.99 -4.68	51.38 4.16 -0.01	48.34 3.45 -5.74	44.41 3.60 -5.56	37.17 3.52 -0.09
HOMER_HL_115KV_TB2 355744	32.83 -0.47 0.00	27.66 -1.67 0.00	26.50 -1.48 0.00	25.76 -1.41 0.00	26.66 -1.37 0.00	29.68 -1.37 0.00	37.18 -1.83 0.00	38.71 -3.05 0.00	40.47 -3.52 0.02	39.00 -1.63 0.01	35.81 -3.12 0.02	34.64 -3.18 0.00	34.06 -3.16 0.00	33.47 -3.15 0.01	33.34 -2.90 0.02	33.40 -3.22 0.00	36.86 -2.95 0.02	37.01 -3.31 0.02	40.39 -3.27 0.00	43.31 -2.62 0.00	44.29 -2.93 0.00	37.04 -2.11 0.00	33.31 -1.94 0.00	31.51 -2.05 0.00
HOWARD_WT_PWR 323690	33.54 0.23 0.00	28.59 -0.73 0.00	27.37 -0.62 0.00	26.58 -0.60 0.00	27.48 -0.56 0.00	30.64 -0.40 0.00	38.55 -0.47 0.00	40.46 -1.29 0.00	42.03 -1.94 0.05	38.91 -1.87 -0.14	36.80 -2.10 0.05	35.77 -2.04 0.00	35.18 -2.05 0.00	34.53 -2.09 0.02	34.19 -2.03 0.05	34.46 -2.16 0.00	37.31 -2.47 0.05	38.03 -2.26 0.05	41.79 -1.88 0.00	44.82 -1.10 0.00	45.99 -1.23 0.00	38.14 -1.02 0.00	34.19 -1.06 0.00	32.45 -1.11 0.00
HQ_GEN_CEDARS 23644	33.13 -0.17 0.00	29.24 -0.09 0.00	27.90 -0.08 0.00	27.04 -0.14 0.00	27.81 -0.22 0.00	30.86 -0.19 0.00	38.86 -0.16 0.00	41.63 -0.13 0.00	43.79 -0.22 0.00	40.39 -0.24 0.00	38.71 -0.23 0.00	37.62 -0.19 0.00	37.08 -0.15 0.00	36.45 -0.18 0.00	36.01 -0.25 0.00	36.40 -0.22 0.00	39.55 -0.28 0.00	40.10 -0.24 0.00	43.49 -0.17 0.00	45.33 -0.60 0.00	46.79 -0.42 0.00	39.15 0.00 0.00	35.21 -0.04 0.00	33.42 -0.13 0.00
HQ_GEN_CEDARS_PROXY 323590	33.14 -0.17 0.00	29.24 -0.09 0.00	27.90 -0.08 0.00	27.04 -0.14 0.00	27.81 -0.23 0.00	30.86 -0.19 0.00	38.86 -0.16 0.00	41.63 -0.12 0.00	43.79 -0.22 0.00	40.39 -0.24 0.00	38.72 -0.23 0.00	37.62 -0.19 0.00	37.08 -0.15 0.00	36.45 -0.18 0.00	36.01 -0.25 0.00	36.40 -0.22 0.00	39.55 -0.28 0.00	40.10 -0.24 0.00	43.49 -0.17 0.00	45.32 -0.60 0.00	46.79 -0.43 0.00	39.15 0.00 0.00	35.21 -0.04 0.00	33.42 -0.13 0.00

HQ_GEN_IMPORT 323601	33.07 -0.23 0.00	29.15 -0.17 0.00	27.82 -0.17 0.00	26.99 -0.19 0.00	27.81 -0.23 0.00	30.83 -0.22 0.00	38.75 -0.27 0.00	41.51 -0.25 0.00	43.71 -0.31 0.00	40.35 -0.28 0.00	38.68 -0.27 0.00	37.55 -0.26 0.00	36.97 -0.26 0.00	36.38 -0.25 0.00	35.98 -0.29 0.00	36.40 -0.22 0.00	39.55 -0.28 0.00	40.10 -0.24 0.00	43.45 -0.22 0.00	45.65 -0.27 0.00	46.93 -0.28 0.00	38.92 -0.23 0.00	35.01 -0.25 0.00	33.29 -0.27 0.00
HQ_GEN_WHEEL 23651	33.07 -0.23 0.00	29.15 -0.17 0.00	27.82 -0.17 0.00	26.99 -0.19 0.00	27.81 -0.23 0.00	30.83 -0.22 0.00	38.75 -0.27 0.00	41.51 -0.25 0.00	43.71 -0.31 0.00	40.35 -0.28 0.00	38.68 -0.27 0.00	37.55 -0.26 0.00	36.97 -0.26 0.00	36.38 -0.25 0.00	35.98 -0.29 0.00	36.40 -0.22 0.00	39.55 -0.28 0.00	40.10 -0.24 0.00	43.45 -0.22 0.00	45.65 -0.27 0.00	46.93 -0.28 0.00	38.92 -0.23 0.00	35.01 -0.25 0.00	33.29 -0.27 0.00
HUDSON AVE_GT_3 23810	35.40 2.10 0.00	31.38 2.05 0.00	29.89 1.90 0.00	29.05 1.88 0.00	29.92 1.88 0.00	33.04 1.99 0.00	41.63 2.61 0.00	45.02 3.26 0.00	47.84 3.83 0.00	44.37 3.74 0.00	42.30 3.35 0.00	41.10 3.29 0.00	40.50 3.28 0.00	39.90 3.26 0.00	39.49 3.23 0.00	39.73 3.11 0.00	43.45 3.62 0.00	43.89 3.55 0.00	47.07 3.41 0.00	49.32 3.40 0.00	50.90 3.68 0.00	42.09 2.94 0.00	37.93 2.68 0.00	36.07 2.52 0.00
HUDSON AVE_GT_4 23540	35.40 2.10 0.00	31.38 2.05 0.00	29.89 1.90 0.00	29.05 1.88 0.00	29.92 1.88 0.00	33.04 1.99 0.00	41.63 2.61 0.00	45.02 3.26 0.00	47.84 3.83 0.00	44.37 3.74 0.00	42.30 3.35 0.00	41.10 3.29 0.00	40.50 3.28 0.00	39.90 3.26 0.00	39.49 3.23 0.00	39.73 3.11 0.00	43.45 3.62 0.00	43.89 3.55 0.00	47.07 3.41 0.00	49.32 3.40 0.00	50.90 3.68 0.00	42.09 2.94 0.00	37.93 2.68 0.00	36.07 2.52 0.00
HUDSON AVE_GT_5 23657	35.40 2.10 0.00	31.38 2.05 0.00	29.89 1.90 0.00	29.05 1.88 0.00	29.92 1.88 0.00	33.04 1.99 0.00	41.63 2.61 0.00	45.02 3.26 0.00	47.84 3.83 0.00	44.37 3.74 0.00	42.30 3.35 0.00	41.10 3.29 0.00	40.50 3.28 0.00	39.90 3.26 0.00	39.49 3.23 0.00	39.73 3.11 0.00	43.45 3.62 0.00	43.89 3.55 0.00	47.07 3.41 0.00	49.32 3.40 0.00	50.90 3.68 0.00	42.09 2.94 0.00	37.93 2.68 0.00	36.07 2.52 0.00
HUDSON_AVE_10 24168	35.30 2.00 0.00	31.26 1.94 0.00	29.80 1.82 0.00	28.94 1.77 0.00	29.83 1.79 0.00	32.97 1.93 0.00	41.51 2.50 0.00	44.89 3.13 0.00	47.71 3.70 0.00	44.25 3.62 0.00	42.18 3.23 0.00	41.03 3.21 0.00	40.39 3.16 0.00	39.79 3.15 0.00	39.39 3.12 0.00	39.66 3.04 0.00	43.37 3.54 0.00	43.77 3.43 0.00	46.94 3.27 0.00	49.18 3.26 0.00	50.76 3.54 0.00	42.01 2.86 0.00	37.86 2.61 0.00	35.97 2.42 0.00
HUDSON___115KV_TB 4 355613	34.37 1.07 0.00	30.38 1.06 0.00	28.99 1.01 0.00	28.15 0.98 0.00	29.05 1.01 0.00	32.04 0.99 0.00	40.19 1.17 0.00	43.26 1.50 0.00	45.55 1.54 0.00	42.06 1.42 0.00	40.19 1.25 0.00	38.99 1.17 0.00	38.34 1.12 0.00	37.77 1.14 0.00	37.46 1.20 0.00	37.79 1.17 0.00	41.26 1.43 0.00	41.76 1.41 0.00	45.19 1.53 0.00	47.39 1.47 0.00	48.82 1.61 0.00	40.52 1.37 0.00	36.52 1.27 0.00	34.83 1.28 0.00
HUNTER MOUNT___DRP 323613	34.40 1.10 0.00	30.38 1.06 0.00	28.99 1.01 0.00	28.15 0.98 0.00	29.08 1.04 0.00	32.07 1.02 0.00	40.23 1.21 0.00	43.30 1.55 0.00	45.55 1.54 0.00	42.06 1.42 0.00	40.15 1.21 0.00	38.99 1.17 0.00	38.31 1.08 0.00	37.73 1.10 0.00	37.43 1.16 0.00	37.75 1.14 0.00	41.22 1.39 0.00	41.71 1.37 0.00	45.24 1.57 0.00	47.39 1.47 0.00	48.87 1.65 0.00	40.52 1.37 0.00	36.48 1.23 0.00	34.83 1.28 0.00
HUNTINGTON_RES_REC 323705	36.27 2.96 -0.01	32.09 2.76 -0.01	30.62 2.63 -0.01	29.77 2.58 -0.01	30.65 2.61 -0.01	33.85 2.80 -0.01	42.61 3.59 -0.01	45.65 3.88 -0.01	48.12 4.09 -0.01	47.14 3.98 -2.53	49.43 3.12 -7.36	48.18 2.99 -7.38	47.35 2.98 -7.15	47.45 2.93 -7.89	50.28 2.94 -11.07	52.54 2.86 -13.07	47.25 3.35 -4.07	49.26 3.35 -5.57	47.56 3.32 -0.58	54.11 3.49 -4.70	50.91 3.69 -0.01	47.93 3.02 -5.76	44.01 3.17 -5.58	36.90 3.25 -0.09
HUNTLEY___63 23557	32.83 -0.47 0.00	27.51 -1.82 0.00	26.39 -1.60 0.00	25.65 -1.52 0.00	26.52 -1.51 0.00	29.43 -1.61 0.00	36.79 -2.22 0.00	38.42 -3.34 0.00	39.99 -4.01 0.02	36.69 -3.90 0.04	35.46 -3.47 0.02	34.41 -3.40 0.00	33.88 -3.35 0.00	33.40 -3.22 0.01	33.13 -3.12 0.02	33.36 -3.26 0.00	35.79 -4.02 0.02	36.29 -4.03 0.02	39.91 -3.76 0.00	42.71 -3.21 0.00	43.53 -3.68 0.00	36.45 -2.70 0.00	32.92 -2.33 0.00	31.17 -2.38 0.00
HUNTLEY___64 23558	32.83 -0.47 0.00	27.51 -1.82 0.00	26.39 -1.60 0.00	25.65 -1.52 0.00	26.52 -1.51 0.00	29.43 -1.61 0.00	36.79 -2.22 0.00	38.42 -3.34 0.00	39.99 -4.01 0.02	36.69 -3.90 0.04	35.46 -3.47 0.02	34.41 -3.40 0.00	33.88 -3.35 0.00	33.40 -3.22 0.01	33.13 -3.12 0.02	33.36 -3.26 0.00	35.79 -4.02 0.02	36.29 -4.03 0.02	39.91 -3.76 0.00	42.71 -3.21 0.00	43.53 -3.68 0.00	36.45 -2.70 0.00	32.92 -2.33 0.00	31.17 -2.38 0.00
HUNTLEY___65 23559	32.83 -0.47 0.00	27.51 -1.82 0.00	26.39 -1.60 0.00	25.65 -1.52 0.00	26.52 -1.51 0.00	29.43 -1.61 0.00	36.79 -2.22 0.00	38.42 -3.34 0.00	39.99 -4.01 0.02	36.69 -3.90 0.04	35.46 -3.47 0.02	34.41 -3.40 0.00	33.88 -3.35 0.00	33.40 -3.22 0.01	33.13 -3.12 0.02	33.36 -3.26 0.00	35.79 -4.02 0.02	36.29 -4.03 0.02	39.91 -3.76 0.00	42.71 -3.21 0.00	43.53 -3.68 0.00	36.45 -2.70 0.00	32.92 -2.33 0.00	31.17 -2.38 0.00
HUNTLEY___66 23560	32.83 -0.47 0.00	27.51 -1.82 0.00	26.39 -1.60 0.00	25.65 -1.52 0.00	26.52 -1.51 0.00	29.43 -1.61 0.00	36.79 -2.22 0.00	38.42 -3.34 0.00	39.99 -4.01 0.02	36.69 -3.90 0.04	35.46 -3.47 0.02	34.41 -3.40 0.00	33.88 -3.35 0.00	33.40 -3.22 0.01	33.13 -3.12 0.02	33.36 -3.26 0.00	35.79 -4.02 0.02	36.29 -4.03 0.02	39.91 -3.76 0.00	42.71 -3.21 0.00	43.53 -3.68 0.00	36.45 -2.70 0.00	32.92 -2.33 0.00	31.17 -2.38 0.00
HUNTLEY___67 23561	32.50 -0.80 0.00	27.39 -1.94 0.00	26.25 -1.74 0.00	25.52 -1.66 0.00	26.38 -1.65 0.00	29.31 -1.74 0.00	36.64 -2.38 0.00	38.25 -3.51 0.00	39.81 -4.18 0.02	36.60 -3.98 0.05	35.31 -3.62 0.02	34.22 -3.59 0.00	33.73 -3.50 0.00	33.22 -3.41 0.01	32.98 -3.26 0.02	33.18 -3.44 0.00	35.71 -4.10 0.02	36.21 -4.11 0.02	39.78 -3.89 0.00	42.52 -3.40 0.00	43.39 -3.82 0.00	36.30 -2.86 0.00	32.75 -2.50 0.00	31.04 -2.52 0.00
HUNTLEY___68 23562	32.50 -0.80 0.00	27.39 -1.94 0.00	26.25 -1.74 0.00	25.52 -1.66 0.00	26.38 -1.65 0.00	29.31 -1.74 0.00	36.64 -2.38 0.00	38.25 -3.51 0.00	39.81 -4.18 0.02	36.60 -3.98 0.05	35.31 -3.62 0.02	34.22 -3.59 0.00	33.73 -3.50 0.00	33.22 -3.41 0.01	32.98 -3.26 0.02	33.18 -3.44 0.00	35.71 -4.10 0.02	36.21 -4.11 0.02	39.78 -3.89 0.00	42.52 -3.40 0.00	43.39 -3.82 0.00	36.30 -2.86 0.00	32.75 -2.50 0.00	31.04 -2.52 0.00

HYLAND___LFGE 323620	34.47 1.16 0.00	29.21 -0.12 0.00	27.96 -0.03 0.00	27.15 -0.03 0.00	28.07 0.03 0.00	31.39 0.34 0.00	39.41 0.39 0.00	41.47 -0.29 0.00	42.75 -1.23 0.03	38.80 -1.99 -0.16	37.01 -1.91 0.03	35.96 -1.85 0.00	35.22 -2.01 0.00	34.64 -1.98 0.01	34.35 -1.89 0.03	34.79 -1.83 0.00	37.93 -1.87 0.03	38.82 -1.49 0.03	43.05 -0.61 0.00	46.20 0.28 0.00	47.74 0.52 0.00	39.47 0.31 0.00	35.43 0.18 0.00	33.56 0.00 0.00
INDECK___CORINTH 23802	34.73 1.43 0.00	30.68 1.35 0.00	29.27 1.29 0.00	28.45 1.28 0.00	29.38 1.35 0.00	32.45 1.40 0.00	41.08 2.07 0.00	44.35 2.59 0.00	46.79 2.77 0.00	43.31 2.68 0.00	41.44 2.49 0.00	40.20 2.38 0.00	39.50 2.27 0.00	38.87 2.24 0.00	38.52 2.25 0.00	38.85 2.23 0.00	42.42 2.59 0.00	42.60 2.26 0.00	46.11 2.44 0.00	48.36 2.43 0.00	49.72 2.50 0.00	41.19 2.03 0.00	37.08 1.83 0.00	35.23 1.68 0.00
INDECK___ILION 23567	33.23 -0.07 0.00	29.27 -0.06 0.00	27.93 -0.06 0.00	27.15 -0.03 0.00	28.01 -0.03 0.00	31.05 0.00 0.00	38.98 -0.04 0.00	41.76 0.00 0.00	44.01 0.00 0.00	40.63 0.00 0.00	38.99 0.04 0.00	37.81 0.00 0.00	37.19 -0.04 0.00	36.60 -0.04 0.00	36.27 0.00 0.00	36.58 -0.04 0.00	39.83 0.00 0.00	40.26 -0.08 0.00	43.58 -0.09 0.00	45.83 -0.09 0.00	47.12 -0.09 0.00	39.07 -0.08 0.00	35.18 -0.07 0.00	33.49 -0.07 0.00
INDECK___OLEAN 23982	32.80 -0.50 0.00	27.66 -1.67 0.00	26.50 -1.48 0.00	25.76 -1.41 0.00	26.66 -1.37 0.00	29.68 -1.37 0.00	37.18 -1.83 0.00	38.71 -3.05 0.00	40.47 -3.52 0.02	39.00 -1.63 0.01	35.85 -3.08 0.02	34.68 -3.14 0.00	34.02 -3.20 0.00	33.47 -3.15 0.01	33.34 -2.90 0.02	33.43 -3.19 0.00	36.58 -3.22 0.02	37.01 -3.31 0.02	40.39 -3.28 0.00	43.31 -2.62 0.00	44.38 -2.83 0.00	37.04 -2.11 0.00	33.31 -1.94 0.00	31.71 -1.85 0.00
INDECK___OSWEGO 23783	32.50 -0.80 0.00	28.56 -0.76 0.00	27.26 -0.73 0.00	26.47 -0.71 0.00	27.34 -0.70 0.00	30.34 -0.71 0.00	38.16 -0.86 0.00	40.63 -1.13 0.00	42.73 -1.28 0.00	39.33 -1.30 0.00	37.78 -1.17 0.00	36.64 -1.17 0.00	36.07 -1.15 0.00	35.50 -1.14 0.00	35.14 -1.12 0.00	35.48 -1.14 0.00	38.59 -1.24 0.00	39.09 -1.25 0.00	42.44 -1.22 0.00	44.69 -1.24 0.00	45.94 -1.27 0.00	38.06 -1.10 0.00	34.23 -1.02 0.00	32.62 -0.94 0.00
INDECK___YERKES 23781	32.87 -0.43 0.00	27.54 -1.79 0.00	26.42 -1.57 0.00	25.68 -1.49 0.00	26.55 -1.49 0.00	29.47 -1.58 0.00	36.83 -2.18 0.00	38.46 -3.30 0.00	40.03 -3.96 0.02	36.73 -3.86 0.04	35.50 -3.43 0.02	34.56 -3.25 0.00	33.91 -3.31 0.00	33.44 -3.19 0.01	33.17 -3.08 0.02	33.40 -3.22 0.00	35.87 -3.94 0.02	36.33 -3.99 0.02	39.95 -3.71 0.00	42.75 -3.17 0.00	43.67 -3.54 0.00	36.49 -2.66 0.00	32.96 -2.29 0.00	31.51 -2.05 0.00
INDIAN POINT_GT_1 24139	35.03 1.73 0.00	31.03 1.70 0.00	29.58 1.60 0.00	28.73 1.55 0.00	29.61 1.57 0.00	32.76 1.71 0.00	41.16 2.15 0.00	44.43 2.67 0.00	47.18 3.17 0.00	43.72 3.09 0.00	41.71 2.77 0.00	40.54 2.72 0.00	39.91 2.68 0.00	39.31 2.67 0.00	38.95 2.68 0.00	39.18 2.56 0.00	42.82 2.99 0.00	43.29 2.95 0.00	46.50 2.84 0.00	48.72 2.80 0.00	50.33 3.12 0.00	41.66 2.51 0.00	37.58 2.33 0.00	35.74 2.18 0.00
INDIAN POINT_GT_2 23659	35.03 1.73 0.00	31.03 1.70 0.00	29.58 1.60 0.00	28.73 1.55 0.00	29.61 1.57 0.00	32.76 1.71 0.00	41.16 2.15 0.00	44.43 2.67 0.00	47.18 3.17 0.00	43.72 3.09 0.00	41.71 2.77 0.00	40.54 2.72 0.00	39.91 2.68 0.00	39.31 2.67 0.00	38.95 2.68 0.00	39.18 2.56 0.00	42.82 2.99 0.00	43.29 2.95 0.00	46.50 2.84 0.00	48.72 2.80 0.00	50.33 3.12 0.00	41.66 2.51 0.00	37.58 2.33 0.00	35.74 2.18 0.00
INDIAN POINT_GT_3 24019	35.03 1.73 0.00	31.03 1.70 0.00	29.58 1.60 0.00	28.73 1.55 0.00	29.61 1.57 0.00	32.76 1.71 0.00	41.16 2.15 0.00	44.43 2.67 0.00	47.18 3.17 0.00	43.72 3.09 0.00	41.71 2.77 0.00	40.54 2.72 0.00	39.91 2.68 0.00	39.31 2.67 0.00	38.95 2.68 0.00	39.18 2.56 0.00	42.82 2.99 0.00	43.29 2.95 0.00	46.50 2.84 0.00	48.72 2.80 0.00	50.33 3.12 0.00	41.66 2.51 0.00	37.58 2.33 0.00	35.74 2.18 0.00
INDIAN POINT___2 23530	35.00 1.70 0.00	31.00 1.67 0.00	29.55 1.57 0.00	28.70 1.52 0.00	29.58 1.54 0.00	32.72 1.68 0.00	41.16 2.14 0.00	44.39 2.63 0.00	47.14 3.13 0.00	43.68 3.05 0.00	41.67 2.73 0.00	40.50 2.69 0.00	39.91 2.68 0.00	39.27 2.64 0.00	38.91 2.65 0.00	39.14 2.52 0.00	42.78 2.95 0.00	43.25 2.91 0.00	46.46 2.80 0.00	48.72 2.80 0.00	50.24 3.02 0.00	41.66 2.51 0.00	37.51 2.26 0.00	35.67 2.12 0.00
INDIAN POINT___3 23531	35.00 1.70 0.00	31.00 1.67 0.00	29.55 1.57 0.00	28.70 1.52 0.00	29.58 1.54 0.00	32.73 1.68 0.00	41.12 2.11 0.00	44.39 2.63 0.00	47.09 3.08 0.00	43.68 3.05 0.00	41.67 2.73 0.00	40.50 2.68 0.00	39.87 2.64 0.00	39.27 2.64 0.00	38.88 2.61 0.00	39.11 2.49 0.00	42.78 2.95 0.00	43.21 2.86 0.00	46.41 2.75 0.00	48.68 2.76 0.00	50.24 3.02 0.00	41.62 2.47 0.00	37.51 2.26 0.00	35.70 2.15 0.00
INGHAM_C_115KV_TB7 356103	32.83 -0.47 0.00	28.95 -0.38 0.00	27.62 -0.36 0.00	26.82 -0.35 0.00	27.70 -0.34 0.00	30.74 -0.31 0.00	38.59 -0.43 0.00	41.30 -0.46 0.00	43.53 -0.48 0.00	40.19 -0.45 0.00	38.56 -0.39 0.00	37.40 -0.42 0.00	36.78 -0.45 0.00	36.20 -0.44 0.00	35.83 -0.44 0.00	36.14 -0.48 0.00	39.35 -0.48 0.00	39.78 -0.56 0.00	43.05 -0.61 0.00	45.23 -0.69 0.00	46.55 -0.66 0.00	38.57 -0.59 0.00	34.72 -0.53 0.00	33.05 -0.50 0.00
IP CORINTH___1 23988	34.73 1.43 0.00	30.68 1.35 0.00	29.27 1.29 0.00	28.45 1.28 0.00	29.38 1.35 0.00	32.45 1.40 0.00	41.09 2.07 0.00	44.35 2.59 0.00	46.79 2.77 0.00	43.32 2.68 0.00	41.44 2.49 0.00	40.20 2.38 0.00	39.50 2.27 0.00	38.87 2.23 0.00	38.52 2.25 0.00	38.85 2.23 0.00	42.42 2.59 0.00	42.60 2.26 0.00	46.11 2.45 0.00	48.36 2.43 0.00	49.72 2.50 0.00	41.19 2.04 0.00	37.08 1.83 0.00	35.27 1.71 0.00
IP___TICONDEROGA 23804	35.50 2.20 0.00	31.35 2.02 0.00	29.91 1.93 0.00	29.08 1.90 0.00	30.08 2.05 0.00	33.19 2.14 0.00	42.06 3.04 0.00	45.47 3.72 0.00	47.89 3.87 0.00	44.21 3.58 0.00	42.18 3.23 0.00	40.95 3.14 0.00	40.20 2.98 0.00	39.49 2.86 0.00	39.24 2.97 0.00	39.58 2.97 0.00	43.29 3.47 0.00	43.61 3.27 0.00	47.33 3.67 0.00	49.60 3.67 0.00	51.04 3.82 0.00	42.21 3.05 0.00	38.00 2.75 0.00	36.11 2.55 0.00
ISLIP_RES_REC 323679	36.71 3.40 -0.01	32.48 3.14 -0.01	31.02 3.02 -0.01	30.12 2.94 -0.01	31.02 2.97 -0.01	34.23 3.17 -0.01	43.05 4.02 -0.01	46.24 4.47 -0.01	48.82 4.80 -0.01	47.79 4.63 -2.53	50.06 3.74 -7.37	48.79 3.59 -7.38	47.91 3.54 -7.15	48.01 3.48 -7.89	50.83 3.48 -11.08	53.03 3.33 -13.08	47.81 3.91 -4.08	49.87 3.96 -5.57	48.22 3.97 -0.58	54.89 4.27 -4.70	51.62 4.39 -0.01	48.56 3.64 -5.76	44.61 3.77 -5.59	37.30 3.66 -0.09

JAMAICA__27_KV_LOAD 355505	35.30 2.00 0.00	31.26 1.94 0.00	29.77 1.79 0.00	28.94 1.77 0.00	29.80 1.77 0.00	33.00 1.96 0.00	41.63 2.61 0.00	44.93 3.17 0.00	47.84 3.83 0.00	44.37 3.74 0.00	42.30 3.35 0.00	41.10 3.29 0.00	40.46 3.24 0.00	39.86 3.22 0.00	39.49 3.23 0.00	39.77 3.15 0.00	43.57 3.74 0.00	43.89 3.55 0.00	47.03 3.36 0.00	49.28 3.35 0.00	50.80 3.59 0.00	42.09 2.94 0.00	37.96 2.71 0.00	36.04 2.48 0.00
JANIS__SOLAR 323808	35.03 1.73 0.00	30.65 1.32 0.00	29.24 1.26 0.00	28.48 1.30 0.00	29.50 1.46 0.00	32.97 1.93 0.00	41.59 2.57 0.00	44.22 2.46 0.00	46.35 2.29 -0.05	42.31 1.67 -0.01	40.56 1.56 -0.05	39.14 1.32 0.00	38.38 1.16 0.00	37.76 1.10 -0.02	37.59 1.27 -0.05	37.39 0.77 0.00	40.91 1.03 -0.05	41.56 1.17 -0.05	45.41 1.75 0.00	48.13 2.20 0.00	49.39 2.17 0.00	40.87 1.72 0.00	36.59 1.34 0.00	34.73 1.17 0.00
JARVIS____ 23743	33.40 0.10 0.00	29.41 0.09 0.00	28.07 0.08 0.00	27.26 0.08 0.00	28.15 0.11 0.00	31.14 0.09 0.00	39.14 0.12 0.00	41.88 0.13 0.00	44.19 0.18 0.00	40.80 0.16 0.00	39.10 0.16 0.00	37.96 0.15 0.00	37.34 0.11 0.00	36.75 0.11 0.00	36.41 0.15 0.00	36.73 0.11 0.00	39.99 0.16 0.00	40.46 0.12 0.00	43.79 0.13 0.00	46.06 0.14 0.00	47.36 0.14 0.00	39.27 0.12 0.00	35.36 0.11 0.00	33.69 0.13 0.00
JENNISON____1 23625	36.17 2.86 0.00	31.79 2.46 0.00	30.28 2.29 0.00	29.54 2.36 0.00	30.65 2.61 0.00	34.31 3.26 0.00	43.19 4.17 0.00	46.14 4.38 0.00	48.61 4.58 -0.02	44.49 3.86 0.00	42.75 3.78 -0.02	41.29 3.48 0.00	40.39 3.16 0.00	39.65 3.00 -0.01	39.45 3.16 -0.03	37.97 1.35 0.00	41.47 1.63 -0.01	41.97 1.61 -0.01	45.67 2.01 0.00	48.26 2.34 0.00	49.58 2.36 0.00	41.03 1.88 0.00	36.80 1.55 0.00	34.90 1.34 0.00
JENNISON____2 23626	36.17 2.86 0.00	31.79 2.46 0.00	30.28 2.29 0.00	29.54 2.36 0.00	30.65 2.61 0.00	34.31 3.26 0.00	43.19 4.17 0.00	46.14 4.38 0.00	48.61 4.58 -0.02	44.49 3.86 0.00	42.75 3.78 -0.02	41.29 3.48 0.00	40.39 3.16 0.00	39.65 3.00 -0.01	39.45 3.16 -0.03	37.97 1.35 0.00	41.47 1.63 -0.01	41.97 1.61 -0.01	45.67 2.01 0.00	48.26 2.34 0.00	49.58 2.36 0.00	41.03 1.88 0.00	36.80 1.55 0.00	34.90 1.34 0.00
JERICHO_RISE_WT_PWR 323719	33.07 -0.23 0.00	29.21 -0.12 0.00	27.87 -0.11 0.00	26.99 -0.19 0.00	27.81 -0.23 0.00	30.83 -0.22 0.00	38.82 -0.19 0.00	41.63 -0.12 0.00	43.79 -0.22 0.00	40.39 -0.24 0.00	38.68 -0.27 0.00	37.59 -0.23 0.00	37.04 -0.19 0.00	36.34 -0.29 0.00	35.90 -0.36 0.00	36.32 -0.29 0.00	39.47 -0.36 0.00	40.02 -0.32 0.00	43.40 -0.26 0.00	45.55 -0.37 0.00	47.07 -0.14 0.00	39.11 -0.04 0.00	35.14 -0.11 0.00	33.39 -0.17 0.00
KATONAH__115KV_46KV_TB4 355592	35.17 1.86 0.00	31.20 1.88 0.00	29.75 1.76 0.00	28.92 1.74 0.00	29.80 1.77 0.00	32.94 1.89 0.00	41.40 2.38 0.00	44.72 2.96 0.00	47.53 3.52 0.00	44.05 3.41 0.00	42.02 3.08 0.00	40.80 2.99 0.00	40.20 2.98 0.00	39.60 2.97 0.00	39.24 2.97 0.00	39.47 2.86 0.00	43.10 3.27 0.00	43.57 3.23 0.00	46.81 3.14 0.00	49.00 3.08 0.00	50.61 3.40 0.00	41.93 2.78 0.00	37.75 2.50 0.00	35.87 2.32 0.00
KCE_NY_1 323755	34.83 1.53 0.00	30.76 1.44 0.00	29.35 1.37 0.00	28.51 1.33 0.00	29.44 1.40 0.00	32.51 1.46 0.00	41.12 2.11 0.00	44.31 2.55 0.00	46.74 2.73 0.00	43.31 2.68 0.00	41.44 2.49 0.00	40.20 2.38 0.00	39.53 2.31 0.00	38.91 2.27 0.00	38.55 2.29 0.00	38.85 2.23 0.00	42.42 2.59 0.00	42.56 2.22 0.00	46.02 2.36 0.00	48.26 2.34 0.00	49.67 2.45 0.00	41.15 2.00 0.00	37.12 1.87 0.00	35.27 1.71 0.00
KCE_NY_6_ESR 323823	32.94 -0.37 0.00	27.66 -1.67 0.00	26.53 -1.46 0.00	25.79 -1.38 0.00	26.66 -1.37 0.00	29.62 -1.43 0.00	37.03 -1.99 0.00	38.71 -3.05 0.00	40.34 -3.65 0.02	37.42 -3.17 0.05	35.74 -3.19 0.02	34.71 -3.10 0.00	34.10 -3.13 0.00	33.59 -3.04 0.01	33.34 -2.90 0.02	33.58 -3.04 0.00	36.23 -3.58 0.02	36.65 -3.67 0.02	40.21 -3.45 0.00	43.08 -2.85 0.00	44.05 -3.16 0.00	36.76 -2.39 0.00	33.17 -2.08 0.00	31.68 -1.88 0.00
KEDC_PORT_JEFF_GT2 24210	36.54 3.23 -0.01	32.36 3.02 -0.01	30.88 2.88 -0.01	29.98 2.80 -0.01	30.91 2.86 -0.01	34.07 3.01 -0.01	42.89 3.86 -0.01	45.98 4.22 -0.01	48.56 4.53 -0.01	47.49 4.35 -2.51	49.73 3.47 -7.32	48.47 3.33 -7.33	47.64 3.31 -7.10	47.73 3.26 -7.84	50.54 3.27 -11.01	52.72 3.11 -12.99	47.54 3.66 -4.05	49.59 3.71 -5.54	48.00 3.76 -0.58	54.58 3.99 -4.67	51.33 4.11 -0.01	48.33 3.45 -5.73	44.36 3.56 -5.55	37.13 3.49 -0.09
KEDC_PORT_JEFF_GT3 24211	36.54 3.23 -0.01	32.36 3.02 -0.01	30.88 2.88 -0.01	29.98 2.80 -0.01	30.91 2.86 -0.01	34.07 3.01 -0.01	42.89 3.86 -0.01	45.98 4.22 -0.01	48.56 4.53 -0.01	47.49 4.35 -2.51	49.73 3.47 -7.32	48.47 3.33 -7.33	47.64 3.31 -7.10	47.73 3.26 -7.84	50.54 3.27 -11.01	52.72 3.11 -12.99	47.54 3.66 -4.05	49.59 3.71 -5.54	48.00 3.76 -0.58	54.58 3.99 -4.67	51.33 4.11 -0.01	48.33 3.45 -5.73	44.36 3.56 -5.55	37.13 3.49 -0.09
KEDC_GLWD_GT4 24219	35.72 2.40 -0.02	31.63 2.29 -0.02	30.15 2.15 -0.02	29.31 2.12 -0.02	30.21 2.16 -0.02	33.39 2.33 -0.02	42.00 2.96 -0.02	45.24 3.46 -0.02	47.99 3.96 -0.02	48.78 3.82 -4.33	54.77 3.19 -12.63	53.56 3.10 -12.65	52.57 3.09 -12.25	53.24 3.08 -13.52	58.30 3.05 -18.99	61.99 2.96 -22.41	50.32 3.51 -6.99	53.36 3.47 -9.55	48.07 3.41 -1.00	57.28 3.31 -8.05	50.92 3.69 -0.02	52.05 3.02 -9.88	47.68 2.85 -9.57	36.46 2.75 -0.15
KEDC_GLWD_GT5 24220	35.72 2.40 -0.02	31.63 2.29 -0.02	30.15 2.15 -0.02	29.31 2.12 -0.02	30.21 2.16 -0.02	33.39 2.33 -0.02	42.00 2.96 -0.02	45.24 3.46 -0.02	47.99 3.96 -0.02	48.78 3.82 -4.33	54.77 3.19 -12.63	53.56 3.10 -12.65	52.57 3.09 -12.25	53.24 3.08 -13.52	58.30 3.05 -18.99	61.99 2.96 -22.41	50.32 3.51 -6.99	53.36 3.47 -9.55	48.07 3.41 -1.00	57.28 3.31 -8.05	50.92 3.69 -0.02	52.05 3.02 -9.88	47.68 2.85 -9.57	36.46 2.75 -0.15
KENSICO____ 23655	35.20 1.90 0.00	31.14 1.82 0.00	29.69 1.71 0.00	28.86 1.68 0.00	29.72 1.68 0.00	32.85 1.80 0.00	41.36 2.34 0.00	44.64 2.88 0.00	47.40 3.39 0.00	43.97 3.33 0.00	41.95 3.00 0.00	40.72 2.91 0.00	40.13 2.90 0.00	39.53 2.89 0.00	39.13 2.87 0.00	39.36 2.75 0.00	43.06 3.23 0.00	43.49 3.15 0.00	46.72 3.06 0.00	48.95 3.03 0.00	50.52 3.31 0.00	41.82 2.66 0.00	37.68 2.43 0.00	35.87 2.32 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.97 1.67 0.00	30.91 1.58 0.00	29.50 1.51 0.00	28.64 1.47 0.00	29.52 1.49 0.00	32.69 1.65 0.00	41.12 2.11 0.00	44.35 2.59 0.00	47.05 3.04 0.00	43.48 2.84 0.00	41.48 2.53 0.00	40.27 2.46 0.00	39.61 2.38 0.00	39.02 2.38 0.00	38.66 2.39 0.00	38.89 2.27 0.00	42.54 2.71 0.00	43.05 2.70 0.00	46.41 2.75 0.00	48.63 2.71 0.00	50.24 3.02 0.00	41.58 2.43 0.00	37.40 2.15 0.00	35.70 2.15 0.00

KIAC_JFK_GT1 23816	35.10 1.80 0.00	31.12 1.79 0.00	29.64 1.65 0.00	28.81 1.63 0.00	29.66 1.63 0.00	32.82 1.77 0.00	41.44 2.42 0.00	44.56 2.80 0.00	47.45 3.43 0.00	44.01 3.37 0.00	42.10 3.15 0.00	40.91 3.10 0.00	40.28 3.05 0.00	39.68 3.04 0.00	39.31 3.05 0.00	39.58 2.97 0.00	43.33 3.50 0.00	43.49 3.15 0.00	46.63 2.97 0.00	48.82 2.89 0.00	50.38 3.16 0.00	41.85 2.70 0.00	37.75 2.50 0.00	35.87 2.32 0.00
KIAC_JFK_GT2 23817	35.10 1.80 0.00	31.12 1.79 0.00	29.64 1.65 0.00	28.81 1.63 0.00	29.66 1.63 0.00	32.82 1.77 0.00	41.44 2.42 0.00	44.56 2.80 0.00	47.45 3.43 0.00	44.01 3.37 0.00	42.10 3.15 0.00	40.91 3.10 0.00	40.28 3.05 0.00	39.68 3.04 0.00	39.31 3.05 0.00	39.58 2.97 0.00	43.33 3.50 0.00	43.49 3.15 0.00	46.63 2.97 0.00	48.82 2.89 0.00	50.38 3.16 0.00	41.85 2.70 0.00	37.75 2.50 0.00	35.87 2.32 0.00
KIAC_JFK____ 323774	35.10 1.80 0.00	31.12 1.79 0.00	29.63 1.65 0.00	28.81 1.63 0.00	29.66 1.63 0.00	32.82 1.77 0.00	41.44 2.42 0.00	44.56 2.80 0.00	47.45 3.44 0.00	44.00 3.37 0.00	42.10 3.15 0.00	40.87 3.06 0.00	40.31 3.09 0.00	39.67 3.04 0.00	39.31 3.05 0.00	39.58 2.96 0.00	43.02 3.19 0.00	43.49 3.15 0.00	46.59 2.93 0.00	48.82 2.89 0.00	50.38 3.16 0.00	41.85 2.70 0.00	37.75 2.50 0.00	35.84 2.28 0.00
KINTIGH__24_KV_GSU 356498	32.44 -0.87 0.00	27.57 -1.76 0.00	26.42 -1.57 0.00	25.68 -1.49 0.00	26.55 -1.49 0.00	29.50 -1.55 0.00	36.91 -2.11 0.00	38.67 -3.09 0.00	40.30 -3.70 0.01	36.55 -4.06 0.02	35.74 -3.19 0.01	34.67 -3.14 0.00	34.17 -3.05 0.00	33.70 -2.93 0.01	33.35 -2.90 0.01	33.62 -3.00 0.00	36.03 -3.78 0.01	36.70 -3.63 0.01	40.30 -3.36 0.00	42.89 -3.03 0.00	43.86 -3.35 0.00	36.57 -2.58 0.00	32.99 -2.26 0.00	31.31 -2.25 0.00
KINTIGH____ 23543	32.44 -0.87 0.00	27.57 -1.76 0.00	26.42 -1.57 0.00	25.68 -1.49 0.00	26.52 -1.51 0.00	29.50 -1.55 0.00	36.91 -2.11 0.00	38.67 -3.09 0.00	40.30 -3.70 0.01	36.55 -4.06 0.02	35.74 -3.19 0.01	34.67 -3.14 0.00	34.17 -3.05 0.00	33.70 -2.93 0.01	33.35 -2.90 0.01	33.62 -3.00 0.00	36.03 -3.78 0.01	36.70 -3.63 0.01	40.30 -3.36 0.00	42.89 -3.03 0.00	43.86 -3.35 0.00	36.57 -2.58 0.00	32.99 -2.26 0.00	31.31 -2.25 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	33.90 0.60 0.00	29.91 0.59 0.00	28.54 0.56 0.00	27.61 0.43 0.00	28.43 0.39 0.00	31.55 0.50 0.00	39.84 0.82 0.00	42.72 0.96 0.00	44.94 0.92 0.00	41.41 0.77 0.00	39.65 0.70 0.00	38.49 0.68 0.00	37.93 0.71 0.00	37.22 0.59 0.00	36.74 0.47 0.00	37.17 0.55 0.00	40.43 0.60 0.00	40.95 0.61 0.00	44.41 0.74 0.00	46.70 0.78 0.00	48.25 1.04 0.00	40.09 0.94 0.00	35.99 0.74 0.00	34.13 0.57 0.00
LACHUTE____HYDRO 323717	35.46 2.16 0.00	31.35 2.02 0.00	29.91 1.93 0.00	29.08 1.90 0.00	30.08 2.05 0.00	33.19 2.14 0.00	42.06 3.05 0.00	45.47 3.72 0.00	47.89 3.87 0.00	44.21 3.58 0.00	42.18 3.23 0.00	40.91 3.10 0.00	40.20 2.98 0.00	39.49 2.86 0.00	39.24 2.97 0.00	39.58 2.96 0.00	43.29 3.46 0.00	43.61 3.27 0.00	47.33 3.67 0.00	49.60 3.68 0.00	51.04 3.82 0.00	42.21 3.06 0.00	38.00 2.75 0.00	36.04 2.48 0.00
LAWRNCALV_115KV_TB1 80681	32.47 -0.83 0.00	28.71 -0.62 0.00	27.37 -0.62 0.00	26.52 -0.65 0.00	27.31 -0.73 0.00	30.33 -0.71 0.00	38.20 -0.82 0.00	40.96 -0.79 0.00	43.04 -0.97 0.00	39.66 -0.98 0.00	37.97 -0.97 0.00	36.91 -0.91 0.00	36.33 -0.89 0.00	35.79 -0.84 0.00	35.36 -0.91 0.00	35.67 -0.95 0.00	38.79 -1.04 0.00	39.33 -1.01 0.00	42.70 -0.96 0.00	44.59 -1.33 0.00	46.03 -1.18 0.00	38.49 -0.67 0.00	34.58 -0.67 0.00	32.78 -0.77 0.00
LEDERLE____ 23769	35.07 1.76 0.00	31.03 1.70 0.00	29.58 1.60 0.00	28.75 1.58 0.00	29.64 1.60 0.00	32.79 1.74 0.00	41.20 2.18 0.00	44.47 2.71 0.00	47.23 3.21 0.00	43.76 3.13 0.00	41.79 2.84 0.00	40.61 2.80 0.00	39.98 2.75 0.00	39.35 2.71 0.00	38.99 2.72 0.00	39.22 2.60 0.00	42.86 3.03 0.00	43.33 2.99 0.00	46.55 2.88 0.00	48.82 2.89 0.00	50.38 3.16 0.00	41.74 2.58 0.00	37.58 2.33 0.00	35.77 2.21 0.00
LIGHTHSE_115KV_TB6 355974	32.57 -0.73 0.00	28.59 -0.73 0.00	27.28 -0.70 0.00	26.52 -0.65 0.00	27.42 -0.62 0.00	30.49 -0.56 0.00	38.39 -0.62 0.00	40.88 -0.88 0.00	42.96 -1.06 0.00	39.41 -1.22 0.00	37.82 -1.13 0.00	36.64 -1.17 0.00	36.07 -1.15 0.00	35.50 -1.14 0.00	35.14 -1.12 0.00	35.45 -1.17 0.00	38.59 -1.23 0.00	39.21 -1.13 0.00	42.66 -1.00 0.00	45.00 -0.92 0.00	46.27 -0.94 0.00	38.33 -0.82 0.00	34.44 -0.81 0.00	32.68 -0.87 0.00
LINDEN COGEN____ 23786	35.16 1.86 0.00	31.17 1.85 0.00	29.72 1.74 0.00	28.86 1.69 0.00	29.75 1.71 0.00	32.88 1.83 0.00	41.40 2.38 0.00	41.47 3.01 3.30	44.06 3.56 3.52	40.85 3.49 3.28	39.02 3.15 3.08	39.02 3.06 1.85	39.02 3.09 1.29	38.45 3.08 1.26	39.02 3.05 0.29	38.26 2.93 1.28	39.12 3.38 4.09	39.62 3.35 4.07	40.82 3.19 6.03	45.86 3.12 3.19	48.75 3.40 1.87	40.12 2.74 1.77	37.72 2.47 0.00	35.84 2.28 0.00
LINDHRST_69_KV_BK1 356055	36.37 3.06 -0.01	32.21 2.87 -0.01	30.71 2.71 -0.01	29.85 2.66 -0.01	30.74 2.69 -0.01	33.98 2.92 -0.01	42.73 3.71 -0.01	45.90 4.13 -0.01	48.51 4.49 -0.01	47.70 4.27 -2.80	50.63 3.51 -8.17	49.40 3.40 -8.19	48.51 3.35 -7.93	48.69 3.30 -8.75	51.82 3.26 -12.29	54.31 3.19 -14.50	48.05 3.70 -4.52	50.24 3.71 -6.18	48.02 3.71 -0.65	55.04 3.90 -5.21	51.33 4.11 -0.01	48.91 3.37 -6.39	44.86 3.42 -6.20	37.01 3.36 -0.10
LIPA_MISC_IPP 23656	36.57 3.26 -0.01	32.41 3.08 -0.01	30.93 2.94 -0.01	30.04 2.85 -0.01	30.93 2.89 -0.01	34.07 3.01 -0.01	42.85 3.82 -0.01	46.03 4.26 -0.01	48.55 4.53 -0.01	47.48 4.35 -2.50	49.70 3.47 -7.29	48.40 3.29 -7.30	47.54 3.24 -7.07	47.67 3.22 -7.81	50.42 3.19 -10.96	52.59 3.04 -12.94	47.49 3.62 -4.03	49.53 3.67 -5.51	47.95 3.71 -0.58	54.52 3.95 -4.65	51.33 4.11 -0.01	48.26 3.41 -5.70	44.34 3.56 -5.53	37.13 3.49 -0.09
LISF____SOLAR 323691	36.64 3.33 -0.01	32.44 3.11 -0.01	30.99 3.00 -0.01	30.09 2.91 -0.01	30.99 2.94 -0.01	34.13 3.07 -0.01	42.93 3.90 -0.01	46.11 4.34 -0.01	48.68 4.66 -0.01	47.57 4.43 -2.50	49.79 3.54 -7.30	48.49 3.36 -7.31	47.62 3.31 -7.08	47.75 3.30 -7.82	50.51 3.27 -10.98	52.68 3.11 -12.95	47.53 3.66 -4.04	49.62 3.75 -5.52	48.04 3.80 -0.58	54.66 4.09 -4.65	51.42 4.20 -0.01	48.39 3.53 -5.71	44.45 3.67 -5.53	37.17 3.52 -0.09
LITTLE FALLS____HYD 24013	32.83 -0.47 0.00	28.95 -0.38 0.00	27.62 -0.36 0.00	26.82 -0.35 0.00	27.70 -0.34 0.00	30.74 -0.31 0.00	38.59 -0.43 0.00	41.30 -0.46 0.00	43.53 -0.48 0.00	40.19 -0.45 0.00	38.56 -0.39 0.00	37.40 -0.42 0.00	36.78 -0.45 0.00	36.20 -0.44 0.00	35.83 -0.44 0.00	36.14 -0.48 0.00	39.35 -0.48 0.00	39.78 -0.56 0.00	43.05 -0.61 0.00	45.23 -0.69 0.00	46.55 -0.66 0.00	38.57 -0.59 0.00	34.72 -0.53 0.00	33.05 -0.50 0.00

LITTLRIV_115KV_TB1 356100	32.80 -0.50 0.00	29.00 -0.32 0.00	27.65 -0.34 0.00	26.80 -0.38 0.00	27.62 -0.42 0.00	30.71 -0.34 0.00	38.67 -0.35 0.00	41.38 -0.38 0.00	43.44 -0.57 0.00	39.90 -0.73 0.00	38.17 -0.78 0.00	37.06 -0.76 0.00	36.48 -0.74 0.00	35.94 -0.70 0.00	35.54 -0.73 0.00	35.89 -0.73 0.00	39.07 -0.76 0.00	39.66 -0.69 0.00	43.23 -0.44 0.00	45.19 -0.73 0.00	46.70 -0.52 0.00	39.00 -0.16 0.00	35.00 -0.25 0.00	33.15 -0.40 0.00
LI_NEWBRDGE___DRP 323616	35.71 2.40 -0.01	31.65 2.32 -0.01	30.17 2.18 -0.01	29.33 2.15 -0.01	30.21 2.16 -0.01	33.42 2.36 -0.01	42.07 3.04 -0.01	45.07 3.30 -0.01	47.72 3.70 -0.01	46.46 3.49 -2.33	48.54 2.80 -6.78	47.33 2.72 -6.79	46.53 2.72 -6.58	46.57 2.67 -7.26	49.11 2.65 -10.20	51.18 2.53 -12.04	46.61 3.03 -3.75	48.46 2.99 -5.13	47.08 2.88 -0.54	53.19 2.94 -4.32	50.39 3.16 -0.01	47.00 2.54 -5.31	43.04 2.64 -5.14	36.32 2.68 -0.08
LOCKPORT_115KV_TB60_63_64 80432	32.44 -0.87 0.00	27.24 -2.08 0.00	26.11 -1.87 0.00	25.38 -1.79 0.00	26.27 -1.77 0.00	29.19 -1.86 0.00	36.44 -2.58 0.00	38.04 -3.72 0.00	39.60 -4.40 0.02	36.21 -4.39 0.03	35.08 -3.86 0.02	34.03 -3.78 0.00	33.50 -3.72 0.00	33.04 -3.59 0.01	32.77 -3.48 0.02	32.99 -3.63 0.00	35.39 -4.42 0.02	35.93 -4.40 0.02	39.56 -4.10 0.00	42.29 -3.63 0.00	43.15 -4.06 0.00	36.10 -3.05 0.00	32.61 -2.64 0.00	30.90 -2.65 0.00
LOCKPORT___CC1 323769	32.44 -0.87 0.00	27.27 -2.05 0.00	26.14 -1.85 0.00	25.41 -1.77 0.00	26.27 -1.77 0.00	29.19 -1.86 0.00	36.48 -2.54 0.00	38.08 -3.68 0.00	39.64 -4.36 0.02	36.21 -4.39 0.04	35.12 -3.82 0.02	34.15 -3.67 0.00	33.54 -3.69 0.00	33.04 -3.59 0.01	32.80 -3.45 0.02	33.03 -3.59 0.00	35.51 -4.30 0.02	35.97 -4.36 0.02	39.56 -4.11 0.00	42.29 -3.63 0.00	43.30 -3.92 0.00	36.10 -3.05 0.00	32.61 -2.64 0.00	31.21 -2.35 0.00
LOCKPORT___CC2 323770	32.44 -0.87 0.00	27.27 -2.05 0.00	26.14 -1.85 0.00	25.41 -1.77 0.00	26.27 -1.77 0.00	29.19 -1.86 0.00	36.48 -2.54 0.00	38.08 -3.68 0.00	39.64 -4.36 0.02	36.21 -4.39 0.04	35.12 -3.82 0.02	34.15 -3.67 0.00	33.54 -3.69 0.00	33.04 -3.59 0.01	32.80 -3.45 0.02	33.03 -3.59 0.00	35.51 -4.30 0.02	35.97 -4.36 0.02	39.56 -4.11 0.00	42.29 -3.63 0.00	43.30 -3.92 0.00	36.10 -3.05 0.00	32.61 -2.64 0.00	31.21 -2.35 0.00
LOCKPORT___CC3 323771	32.44 -0.87 0.00	27.27 -2.05 0.00	26.14 -1.85 0.00	25.41 -1.77 0.00	26.27 -1.77 0.00	29.19 -1.86 0.00	36.48 -2.54 0.00	38.08 -3.68 0.00	39.64 -4.36 0.02	36.21 -4.39 0.04	35.12 -3.82 0.02	34.15 -3.67 0.00	33.54 -3.69 0.00	33.04 -3.59 0.01	32.80 -3.45 0.02	33.03 -3.59 0.00	35.51 -4.30 0.02	35.97 -4.36 0.02	39.56 -4.11 0.00	42.29 -3.63 0.00	43.30 -3.92 0.00	36.10 -3.05 0.00	32.61 -2.64 0.00	31.21 -2.35 0.00
LOCUSVLY_69_KV_BK2 55797	35.98 2.66 -0.01	31.86 2.52 -0.01	30.38 2.38 -0.01	29.53 2.34 -0.01	30.41 2.36 -0.01	33.61 2.55 -0.01	42.27 3.24 -0.01	45.49 3.72 -0.01	48.16 4.14 -0.01	48.46 3.98 -3.84	53.50 3.35 -11.20	52.32 3.29 -11.22	51.33 3.24 -10.87	51.85 3.22 -11.99	56.30 3.19 -16.84	59.57 3.08 -19.87	49.65 3.62 -6.19	52.36 3.55 -8.47	48.04 3.49 -0.89	56.55 3.49 -7.14	51.01 3.78 -0.01	51.01 3.09 -8.76	46.77 3.03 -8.49	36.68 2.99 -0.14
LONG_LAKE_PHOENIX 24014	32.60 -0.70 0.00	28.59 -0.73 0.00	27.31 -0.67 0.00	26.52 -0.65 0.00	27.37 -0.67 0.00	30.40 -0.65 0.00	38.28 -0.74 0.00	40.76 -1.00 0.00	42.87 -1.14 0.00	39.46 -1.18 0.00	37.90 -1.05 0.00	36.75 -1.06 0.00	36.18 -1.04 0.00	35.65 -0.99 0.00	35.29 -0.98 0.00	35.59 -1.03 0.00	38.71 -1.12 0.00	39.25 -1.09 0.00	42.57 -1.09 0.00	44.87 -1.06 0.00	46.08 -1.13 0.00	38.17 -0.98 0.00	34.33 -0.92 0.00	32.68 -0.87 0.00
LOVETT___3 23632	34.97 1.67 0.00	30.97 1.64 0.00	29.52 1.54 0.00	28.67 1.49 0.00	29.55 1.51 0.00	32.69 1.65 0.00	41.09 2.07 0.00	44.35 2.59 0.00	47.05 3.04 0.00	43.64 3.01 0.00	41.63 2.69 0.00	40.46 2.65 0.00	39.83 2.61 0.00	39.24 2.60 0.00	38.84 2.57 0.00	39.07 2.45 0.00	42.74 2.91 0.00	43.17 2.82 0.00	46.37 2.71 0.00	48.63 2.71 0.00	50.19 2.97 0.00	41.58 2.43 0.00	37.47 2.22 0.00	35.67 2.11 0.00
LOVETT___4 23642	34.97 1.67 0.00	30.97 1.64 0.00	29.52 1.54 0.00	28.67 1.49 0.00	29.55 1.51 0.00	32.69 1.65 0.00	41.09 2.07 0.00	44.35 2.59 0.00	47.05 3.04 0.00	43.64 3.01 0.00	41.63 2.69 0.00	40.46 2.65 0.00	39.83 2.61 0.00	39.24 2.60 0.00	38.84 2.57 0.00	39.07 2.45 0.00	42.74 2.91 0.00	43.17 2.82 0.00	46.37 2.71 0.00	48.63 2.71 0.00	50.19 2.97 0.00	41.58 2.43 0.00	37.47 2.22 0.00	35.67 2.11 0.00
LOVETT___5 23593	34.97 1.67 0.00	30.97 1.64 0.00	29.52 1.54 0.00	28.67 1.49 0.00	29.55 1.51 0.00	32.69 1.65 0.00	41.09 2.07 0.00	44.35 2.59 0.00	47.05 3.04 0.00	43.64 3.01 0.00	41.63 2.69 0.00	40.46 2.65 0.00	39.83 2.61 0.00	39.24 2.60 0.00	38.84 2.57 0.00	39.07 2.45 0.00	42.74 2.91 0.00	43.17 2.82 0.00	46.37 2.71 0.00	48.63 2.71 0.00	50.19 2.97 0.00	41.58 2.43 0.00	37.47 2.22 0.00	35.67 2.11 0.00
LOWER RAQUET___HYD 24057	32.27 -1.03 0.00	28.54 -0.79 0.00	27.23 -0.75 0.00	26.36 -0.81 0.00	27.17 -0.87 0.00	30.18 -0.87 0.00	38.00 -1.01 0.00	40.72 -1.04 0.00	42.83 -1.19 0.00	39.42 -1.22 0.00	37.74 -1.21 0.00	36.68 -1.13 0.00	36.11 -1.12 0.00	35.57 -1.06 0.00	35.14 -1.12 0.00	35.41 -1.21 0.00	38.55 -1.28 0.00	39.09 -1.25 0.00	42.49 -1.18 0.00	44.36 -1.56 0.00	45.80 -1.42 0.00	38.29 -0.86 0.00	34.40 -0.85 0.00	32.58 -0.97 0.00
LOWER___HUDSON 24059	34.57 1.27 0.00	30.50 1.17 0.00	29.10 1.12 0.00	28.26 1.09 0.00	29.19 1.15 0.00	32.20 1.15 0.00	40.46 1.44 0.00	43.55 1.79 0.00	45.86 1.85 0.00	42.54 1.91 0.00	40.70 1.75 0.00	39.52 1.70 0.00	38.90 1.68 0.00	38.28 1.65 0.00	37.94 1.67 0.00	38.23 1.61 0.00	41.66 1.83 0.00	42.08 1.73 0.00	45.45 1.79 0.00	47.71 1.79 0.00	49.11 1.89 0.00	40.72 1.57 0.00	36.73 1.48 0.00	34.86 1.31 0.00
LOWVILLE_115KV_TB2 356335	33.13 -0.17 0.00	29.18 -0.15 0.00	27.82 -0.17 0.00	27.07 -0.11 0.00	28.01 -0.03 0.00	31.20 0.16 0.00	39.21 0.20 0.00	41.88 0.13 0.00	44.01 0.00 0.00	40.35 -0.28 0.00	38.67 -0.27 0.00	37.43 -0.38 0.00	36.78 -0.45 0.00	36.20 -0.44 0.00	35.65 -0.62 0.00	35.92 -0.70 0.00	39.23 -0.60 0.00	39.82 -0.52 0.00	43.45 -0.22 0.00	45.74 -0.18 0.00	47.12 -0.09 0.00	39.07 -0.08 0.00	35.32 0.07 0.00	33.19 -0.37 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	34.83 1.53 0.00	30.76 1.44 0.00	29.33 1.34 0.00	28.51 1.33 0.00	29.44 1.40 0.00	32.48 1.43 0.00	41.09 2.07 0.00	44.31 2.55 0.00	46.70 2.68 0.00	43.27 2.64 0.00	41.40 2.45 0.00	40.20 2.38 0.00	39.50 2.27 0.00	38.87 2.23 0.00	38.52 2.25 0.00	38.85 2.23 0.00	42.42 2.59 0.00	42.56 2.22 0.00	46.02 2.36 0.00	48.26 2.34 0.00	49.67 2.46 0.00	41.15 2.00 0.00	37.08 1.83 0.00	35.30 1.74 0.00

LUTHERNY_35_KV_BK2 355980	34.83 1.53 0.00	30.76 1.44 0.00	29.36 1.37 0.00	28.51 1.33 0.00	29.44 1.40 0.00	32.51 1.46 0.00	41.12 2.11 0.00	44.35 2.59 0.00	46.74 2.73 0.00	43.32 2.68 0.00	41.44 2.49 0.00	40.20 2.38 0.00	39.53 2.31 0.00	38.91 2.27 0.00	38.55 2.28 0.00	38.85 2.23 0.00	42.42 2.59 0.00	42.56 2.22 0.00	46.02 2.36 0.00	48.26 2.34 0.00	49.67 2.46 0.00	41.15 2.00 0.00	37.12 1.87 0.00	35.30 1.74 0.00
LWR___OSWEGATCHIE_HYD 23850	32.27 -1.03 0.00	28.48 -0.85 0.00	27.14 -0.84 0.00	26.36 -0.82 0.00	27.22 -0.81 0.00	30.30 -0.75 0.00	38.12 -0.90 0.00	40.80 -0.96 0.00	42.87 -1.14 0.00	39.33 -1.30 0.00	37.70 -1.25 0.00	36.57 -1.25 0.00	35.96 -1.27 0.00	35.43 -1.21 0.00	34.93 -1.34 0.00	35.23 -1.39 0.00	38.40 -1.43 0.00	38.97 -1.37 0.00	42.44 -1.22 0.00	44.50 -1.42 0.00	45.94 -1.27 0.00	38.21 -0.94 0.00	34.40 -0.85 0.00	32.48 -1.07 0.00
LYONS_FALL_HYD 23570	33.40 0.10 0.00	29.41 0.09 0.00	28.04 0.06 0.00	27.29 0.11 0.00	28.21 0.17 0.00	31.39 0.34 0.00	39.45 0.43 0.00	42.13 0.37 0.00	44.36 0.35 0.00	40.76 0.12 0.00	39.10 0.16 0.00	37.85 0.04 0.00	37.19 -0.04 0.00	36.60 -0.04 0.00	36.12 -0.14 0.00	36.44 -0.18 0.00	39.75 -0.08 0.00	40.30 -0.04 0.00	43.88 0.22 0.00	46.15 0.23 0.00	47.55 0.33 0.00	39.39 0.24 0.00	35.53 0.28 0.00	33.56 0.00 0.00
MADISON___COUNTY_LFGE 323628	33.97 0.67 0.00	29.85 0.53 0.00	28.46 0.48 0.00	27.69 0.52 0.00	28.63 0.59 0.00	31.82 0.78 0.00	40.03 1.01 0.00	42.72 0.96 0.00	44.98 0.97 0.00	41.37 0.73 0.00	39.69 0.74 0.00	38.46 0.64 0.00	37.82 0.60 0.00	37.22 0.59 0.00	36.88 0.62 0.00	37.20 0.59 0.00	40.55 0.72 0.00	41.07 0.73 0.00	44.62 0.96 0.00	47.07 1.15 0.00	48.35 1.13 0.00	40.05 0.90 0.00	36.03 0.78 0.00	34.16 0.60 0.00
MALONE___115KV_TB1 356076	33.20 -0.10 0.00	29.33 0.00 0.00	27.98 0.00 0.00	27.07 -0.11 0.00	27.87 -0.17 0.00	30.96 -0.09 0.00	39.06 0.04 0.00	41.88 0.13 0.00	44.06 0.04 0.00	40.59 -0.04 0.00	38.87 -0.08 0.00	37.78 -0.04 0.00	37.19 -0.04 0.00	36.52 -0.11 0.00	36.05 -0.22 0.00	36.44 -0.18 0.00	39.63 -0.20 0.00	40.18 -0.16 0.00	43.58 -0.09 0.00	45.74 -0.18 0.00	47.26 0.05 0.00	39.31 0.16 0.00	35.29 0.04 0.00	33.45 -0.10 0.00
MAPLEWOD_115KV_TB3 80458	34.33 1.03 0.00	30.35 1.03 0.00	28.94 0.95 0.00	28.10 0.92 0.00	29.02 0.98 0.00	31.98 0.93 0.00	40.11 1.09 0.00	43.14 1.38 0.00	45.51 1.50 0.00	42.18 1.54 0.00	40.39 1.44 0.00	39.21 1.40 0.00	38.60 1.38 0.00	37.99 1.36 0.00	37.65 1.38 0.00	37.94 1.32 0.00	41.38 1.55 0.00	41.80 1.45 0.00	45.10 1.44 0.00	47.35 1.42 0.00	48.73 1.51 0.00	40.45 1.29 0.00	36.48 1.23 0.00	34.73 1.17 0.00
MAPLE_RIDGE_WT_1 323574	33.00 -0.30 0.00	29.09 -0.24 0.00	27.79 -0.19 0.00	26.96 -0.22 0.00	27.79 -0.25 0.00	30.77 -0.28 0.00	38.70 -0.31 0.00	41.42 -0.34 0.00	43.66 -0.35 0.00	40.31 -0.33 0.00	38.63 -0.31 0.00	37.51 -0.30 0.00	36.93 -0.30 0.00	36.27 -0.37 0.00	35.87 -0.40 0.00	36.22 -0.40 0.00	39.39 -0.44 0.00	39.90 -0.44 0.00	43.23 -0.44 0.00	45.42 -0.50 0.00	46.79 -0.43 0.00	38.84 -0.31 0.00	34.97 -0.28 0.00	33.29 -0.27 0.00
MAPLE_RIDGE_WT_2 323611	33.00 -0.30 0.00	29.09 -0.24 0.00	27.79 -0.19 0.00	26.96 -0.22 0.00	27.79 -0.25 0.00	30.77 -0.28 0.00	38.70 -0.31 0.00	41.42 -0.34 0.00	43.66 -0.35 0.00	40.31 -0.33 0.00	38.63 -0.31 0.00	37.51 -0.30 0.00	36.93 -0.30 0.00	36.27 -0.37 0.00	35.87 -0.40 0.00	36.22 -0.40 0.00	39.39 -0.44 0.00	39.90 -0.44 0.00	43.23 -0.44 0.00	45.42 -0.50 0.00	46.79 -0.43 0.00	38.84 -0.31 0.00	34.97 -0.28 0.00	33.29 -0.27 0.00
MARBLE_RIVER_WT_PWR 323696	33.23 -0.07 0.00	29.36 0.03 0.00	28.01 0.03 0.00	27.12 -0.05 0.00	27.93 -0.11 0.00	30.99 -0.06 0.00	39.02 0.00 0.00	41.84 0.08 0.00	44.01 0.00 0.00	40.59 -0.04 0.00	38.87 -0.08 0.00	37.78 -0.04 0.00	37.23 0.00 0.00	36.53 -0.11 0.00	36.09 -0.18 0.00	36.51 -0.11 0.00	39.67 -0.16 0.00	40.22 -0.12 0.00	43.62 -0.04 0.00	45.79 -0.14 0.00	47.31 0.09 0.00	39.27 0.12 0.00	35.32 0.07 0.00	33.56 0.00 0.00
MARSHVLE_115KV_TB1 80742	35.50 2.20 0.00	31.26 1.94 0.00	29.83 1.85 0.00	29.00 1.82 0.00	30.00 1.96 0.00	33.25 2.20 0.00	41.87 2.85 0.00	44.93 3.17 0.00	47.31 3.30 0.00	43.60 2.97 0.00	41.63 2.69 0.00	40.35 2.53 0.00	39.65 2.42 0.00	38.94 2.31 0.00	38.62 2.36 0.00	38.96 2.34 0.00	42.66 2.83 0.00	43.25 2.90 0.00	47.03 3.36 0.00	49.46 3.54 0.00	50.94 3.73 0.00	42.13 2.98 0.00	37.89 2.64 0.00	35.94 2.38 0.00
MARSH_HILL_WT_PWR 323713	33.50 0.20 0.00	28.59 -0.73 0.00	27.37 -0.62 0.00	26.58 -0.60 0.00	27.45 -0.59 0.00	30.61 -0.43 0.00	38.51 -0.51 0.00	40.42 -1.34 0.00	41.99 -1.98 0.04	38.84 -1.95 -0.16	36.76 -2.14 0.04	35.77 -2.04 0.00	35.14 -2.08 0.00	34.49 -2.13 0.02	34.16 -2.07 0.05	34.46 -2.16 0.00	37.31 -2.47 0.05	38.00 -2.30 0.05	41.74 -1.92 0.00	44.78 -1.15 0.00	45.94 -1.27 0.00	38.14 -1.02 0.00	34.19 -1.06 0.00	32.45 -1.11 0.00
MCINTYRE_115KV_TB2 80467	33.20 -0.10 0.00	29.36 0.03 0.00	27.98 0.00 0.00	27.12 -0.05 0.00	27.95 -0.08 0.00	31.08 0.03 0.00	39.10 0.08 0.00	41.84 0.08 0.00	43.84 -0.18 0.00	40.23 -0.41 0.00	38.44 -0.51 0.00	37.32 -0.49 0.00	36.74 -0.48 0.00	36.16 -0.48 0.00	35.76 -0.51 0.00	36.18 -0.44 0.00	39.43 -0.40 0.00	40.06 -0.28 0.00	43.71 0.04 0.00	45.74 -0.18 0.00	47.26 0.05 0.00	39.47 0.31 0.00	35.43 0.18 0.00	33.59 0.03 0.00
MECO_____69_KV_BK1 80468	35.73 2.43 0.00	31.50 2.17 0.00	30.03 2.04 0.00	29.21 2.04 0.00	30.22 2.19 0.00	33.44 2.39 0.00	42.10 3.08 0.00	45.27 3.51 0.00	47.58 3.57 0.00	43.80 3.17 0.00	41.83 2.88 0.00	40.57 2.76 0.00	39.83 2.61 0.00	39.20 2.56 0.00	38.84 2.57 0.00	39.25 2.64 0.00	43.02 3.19 0.00	43.61 3.27 0.00	47.42 3.76 0.00	49.83 3.90 0.00	51.28 4.06 0.00	42.40 3.25 0.00	38.14 2.89 0.00	36.21 2.65 0.00
MENANDS___115KV_TB5 355628	34.20 0.90 0.00	30.24 0.91 0.00	28.85 0.87 0.00	28.02 0.84 0.00	28.91 0.87 0.00	31.86 0.81 0.00	39.92 0.90 0.00	42.97 1.21 0.00	45.29 1.28 0.00	41.97 1.34 0.00	40.23 1.29 0.00	39.06 1.25 0.00	38.45 1.23 0.00	37.88 1.25 0.00	37.50 1.23 0.00	37.79 1.17 0.00	41.22 1.39 0.00	41.59 1.25 0.00	44.89 1.22 0.00	47.07 1.15 0.00	48.49 1.27 0.00	40.25 1.10 0.00	36.31 1.06 0.00	34.60 1.04 0.00
MG INDUSTRY___DRP 24185	34.17 0.87 0.00	30.21 0.88 0.00	28.80 0.81 0.00	27.99 0.82 0.00	28.88 0.84 0.00	31.86 0.81 0.00	39.92 0.90 0.00	42.89 1.13 0.00	45.20 1.19 0.00	41.85 1.22 0.00	40.08 1.13 0.00	38.87 1.06 0.00	38.27 1.04 0.00	37.66 1.03 0.00	37.32 1.05 0.00	37.61 0.99 0.00	41.02 1.19 0.00	41.47 1.13 0.00	44.80 1.14 0.00	47.02 1.10 0.00	48.40 1.18 0.00	40.17 1.02 0.00	36.27 1.02 0.00	34.56 1.01 0.00

MID___OSWEGATCHIE_HYD 23849	32.27 -1.03 0.00	28.48 -0.85 0.00	27.14 -0.84 0.00	26.36 -0.82 0.00	27.22 -0.81 0.00	30.30 -0.75 0.00	38.12 -0.90 0.00	40.80 -0.96 0.00	42.87 -1.14 0.00	39.33 -1.30 0.00	37.70 -1.25 0.00	36.57 -1.25 0.00	35.96 -1.27 0.00	35.43 -1.21 0.00	34.93 -1.34 0.00	35.23 -1.39 0.00	38.40 -1.43 0.00	38.97 -1.37 0.00	42.44 -1.22 0.00	44.50 -1.42 0.00	45.94 -1.27 0.00	38.21 -0.94 0.00	34.40 -0.85 0.00	32.48 -1.07 0.00
MID___RAQUETTE_HYD 23851	32.27 -1.03 0.00	28.53 -0.79 0.00	27.23 -0.76 0.00	26.36 -0.82 0.00	27.17 -0.87 0.00	30.18 -0.87 0.00	38.00 -1.01 0.00	40.71 -1.04 0.00	42.82 -1.19 0.00	39.41 -1.22 0.00	37.74 -1.21 0.00	36.68 -1.13 0.00	36.11 -1.12 0.00	35.57 -1.06 0.00	35.14 -1.12 0.00	35.45 -1.17 0.00	38.55 -1.27 0.00	39.09 -1.25 0.00	42.48 -1.18 0.00	44.36 -1.56 0.00	45.80 -1.42 0.00	38.29 -0.86 0.00	34.40 -0.85 0.00	32.58 -0.97 0.00
MILLIKEN___1 23584	33.90 0.60 0.00	29.65 0.32 0.00	28.32 0.34 0.00	27.50 0.33 0.00	28.40 0.36 0.00	31.61 0.56 0.00	39.92 0.90 0.00	42.47 0.71 0.00	44.64 0.57 -0.05	40.97 0.33 -0.01	39.31 0.31 -0.05	38.00 0.19 0.00	37.41 0.19 0.00	36.84 0.18 -0.03	36.58 0.25 -0.06	36.76 0.15 0.00	40.09 0.20 -0.06	40.68 0.28 -0.06	44.23 0.57 0.00	46.75 0.83 0.00	47.97 0.76 0.00	39.74 0.59 0.00	35.67 0.42 0.00	33.86 0.30 0.00
MILLIKEN___2 23585	33.90 0.60 0.00	29.65 0.32 0.00	28.32 0.34 0.00	27.50 0.33 0.00	28.40 0.36 0.00	31.61 0.56 0.00	39.92 0.90 0.00	42.47 0.71 0.00	44.64 0.57 -0.05	40.97 0.33 -0.01	39.31 0.31 -0.05	38.00 0.19 0.00	37.41 0.19 0.00	36.84 0.18 -0.03	36.58 0.25 -0.06	36.76 0.15 0.00	40.09 0.20 -0.06	40.68 0.28 -0.06	44.23 0.57 0.00	46.75 0.83 0.00	47.97 0.76 0.00	39.74 0.59 0.00	35.67 0.42 0.00	33.86 0.30 0.00
MILLIKEN___DIESEL 23629	33.90 0.60 0.00	29.65 0.32 0.00	28.32 0.34 0.00	27.50 0.33 0.00	28.40 0.36 0.00	31.61 0.56 0.00	39.92 0.90 0.00	42.47 0.71 0.00	44.64 0.57 -0.05	40.97 0.33 -0.01	39.31 0.31 -0.05	38.00 0.19 0.00	37.41 0.19 0.00	36.84 0.18 -0.03	36.58 0.25 -0.06	36.76 0.15 0.00	40.09 0.20 -0.06	40.68 0.28 -0.06	44.23 0.57 0.00	46.75 0.83 0.00	47.97 0.76 0.00	39.74 0.59 0.00	35.67 0.42 0.00	33.86 0.30 0.00
MILLSEAT___LFGE 323607	33.17 -0.13 0.00	27.83 -1.49 0.00	26.70 -1.29 0.00	25.95 -1.22 0.00	26.83 -1.20 0.00	29.87 -1.18 0.00	37.38 -1.64 0.00	39.21 -2.55 0.00	40.83 -3.17 0.01	37.27 -3.33 0.03	36.13 -2.80 0.01	35.09 -2.72 0.00	34.43 -2.79 0.00	33.96 -2.67 0.01	33.64 -2.61 0.02	33.91 -2.71 0.00	36.47 -3.35 0.02	36.98 -3.35 0.02	40.74 -2.93 0.00	43.49 -2.44 0.00	44.66 -2.55 0.00	37.12 -2.04 0.00	33.49 -1.76 0.00	31.95 -1.61 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	35.07 1.76 0.00	31.06 1.73 0.00	29.61 1.62 0.00	28.75 1.58 0.00	29.64 1.60 0.00	32.79 1.74 0.00	41.20 2.18 0.00	44.47 2.71 0.00	47.23 3.21 0.00	43.76 3.13 0.00	41.75 2.80 0.00	40.57 2.76 0.00	39.94 2.72 0.00	39.35 2.71 0.00	38.99 2.72 0.00	39.22 2.60 0.00	42.86 3.03 0.00	43.33 2.99 0.00	46.55 2.88 0.00	48.77 2.85 0.00	50.33 3.12 0.00	41.70 2.54 0.00	37.61 2.36 0.00	35.77 2.21 0.00
MILLWOOD_13_KV_LOAD 356217	35.13 1.83 0.00	31.12 1.79 0.00	29.64 1.65 0.00	28.81 1.63 0.00	29.69 1.65 0.00	32.82 1.77 0.00	41.24 2.22 0.00	44.56 2.80 0.00	47.31 3.30 0.00	43.84 3.21 0.00	41.83 2.88 0.00	40.65 2.84 0.00	40.02 2.79 0.00	39.42 2.78 0.00	39.06 2.79 0.00	39.29 2.67 0.00	42.94 3.11 0.00	43.41 3.07 0.00	46.63 2.97 0.00	48.86 2.94 0.00	50.43 3.21 0.00	41.78 2.62 0.00	37.68 2.43 0.00	35.84 2.28 0.00
MODEL_CITY_ENERGY 24167	32.04 -1.27 0.00	26.98 -2.35 0.00	25.86 -2.13 0.00	25.14 -2.04 0.00	25.99 -2.05 0.00	28.87 -2.17 0.00	36.09 -2.93 0.00	37.67 -4.09 0.00	39.16 -4.84 0.02	35.76 -4.84 0.04	34.72 -4.21 0.02	33.77 -4.05 0.00	33.17 -4.06 0.00	32.67 -3.96 0.01	32.44 -3.81 0.02	32.66 -3.96 0.00	35.11 -4.70 0.02	35.57 -4.76 0.02	39.12 -4.54 0.00	41.84 -4.09 0.00	42.77 -4.44 0.00	35.67 -3.48 0.00	32.25 -3.00 0.00	30.87 -2.69 0.00
MODERN_LFGE___ 323580	32.04 -1.27 0.00	26.98 -2.35 0.00	25.86 -2.13 0.00	25.14 -2.04 0.00	25.99 -2.05 0.00	28.87 -2.17 0.00	36.09 -2.93 0.00	37.67 -4.09 0.00	39.16 -4.84 0.02	35.76 -4.84 0.04	34.72 -4.21 0.02	33.77 -4.05 0.00	33.17 -4.06 0.00	32.67 -3.96 0.01	32.44 -3.81 0.02	32.66 -3.96 0.00	35.11 -4.70 0.02	35.57 -4.76 0.02	39.12 -4.54 0.00	41.84 -4.09 0.00	42.77 -4.44 0.00	35.67 -3.48 0.00	32.25 -3.00 0.00	30.87 -2.69 0.00
MOHAWK_PAPER___DRP 24187	34.33 1.03 0.00	30.35 1.03 0.00	28.94 0.95 0.00	28.10 0.92 0.00	29.02 0.98 0.00	31.98 0.93 0.00	40.11 1.09 0.00	43.14 1.38 0.00	45.51 1.50 0.00	42.18 1.54 0.00	40.39 1.44 0.00	39.21 1.40 0.00	38.60 1.38 0.00	37.99 1.36 0.00	37.65 1.38 0.00	37.94 1.32 0.00	41.38 1.55 0.00	41.80 1.45 0.00	45.10 1.44 0.00	47.35 1.42 0.00	48.73 1.51 0.00	40.45 1.29 0.00	36.48 1.23 0.00	34.73 1.17 0.00
MOHICAN___35_KV_115KV_LD 80490	34.90 1.60 0.00	30.82 1.50 0.00	29.41 1.43 0.00	28.56 1.39 0.00	29.52 1.49 0.00	32.60 1.55 0.00	41.24 2.22 0.00	44.51 2.76 0.00	46.96 2.95 0.00	43.48 2.84 0.00	41.56 2.61 0.00	40.31 2.50 0.00	39.61 2.38 0.00	38.98 2.34 0.00	38.62 2.36 0.00	38.96 2.34 0.00	42.58 2.75 0.00	42.80 2.46 0.00	46.33 2.66 0.00	48.54 2.62 0.00	49.95 2.74 0.00	41.35 2.19 0.00	37.26 2.01 0.00	35.43 1.88 0.00
MONGAUP___HYD 23641	34.40 1.10 0.00	30.44 1.11 0.00	29.02 1.04 0.00	28.18 1.01 0.00	29.05 1.01 0.00	32.20 1.15 0.00	40.11 1.09 0.00	43.22 1.46 0.00	45.77 1.76 0.00	42.26 1.63 0.00	40.66 1.71 0.00	39.44 1.62 0.00	38.83 1.60 0.00	38.21 1.57 0.00	37.86 1.59 0.00	37.83 1.21 0.00	41.38 1.55 0.00	41.88 1.53 0.00	45.19 1.53 0.00	47.39 1.47 0.00	48.91 1.70 0.00	40.52 1.37 0.00	36.45 1.20 0.00	35.07 1.51 0.00
MONTAUK___DIESEL 23721	37.74 4.43 -0.01	33.35 4.02 -0.01	31.85 3.86 -0.01	30.85 3.67 -0.01	31.64 3.59 -0.01	34.69 3.63 -0.01	43.51 4.49 -0.01	46.90 5.14 -0.01	49.52 5.50 -0.01	48.38 5.24 -2.50	50.21 3.97 -7.29	48.79 3.67 -7.30	47.76 3.46 -7.08	47.85 3.41 -7.81	50.72 3.48 -10.97	52.86 3.30 -12.94	47.57 3.70 -4.03	49.65 3.79 -5.52	48.00 3.76 -0.58	54.84 4.27 -4.65	51.76 4.53 -0.01	48.77 3.92 -5.71	44.62 3.84 -5.53	37.33 3.69 -0.09
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.27 -0.03 0.00	27.71 -1.61 0.00	26.61 -1.37 0.00	25.84 -1.33 0.00	26.75 -1.29 0.00	29.68 -1.37 0.00	37.22 -1.79 0.00	39.04 -2.71 0.00	40.69 -3.30 0.02	37.83 -2.76 0.04	35.85 -3.08 0.02	34.60 -3.21 0.00	33.99 -3.24 0.00	33.33 -3.30 0.01	33.02 -3.23 0.02	33.36 -3.26 0.00	36.18 -3.62 0.02	36.77 -3.55 0.02	40.52 -3.14 0.00	43.72 -2.20 0.00	44.57 -2.64 0.00	37.27 -1.88 0.00	33.42 -1.83 0.00	31.44 -2.11 0.00

MORRIS_RIDGE___SOLAR 323848	33.14 -0.17 0.00	28.21 -1.11 0.00	27.00 -0.98 0.00	26.22 -0.95 0.00	27.11 -0.92 0.00	30.18 -0.87 0.00	37.85 -1.17 0.00	39.58 -2.17 0.00	41.08 -2.91 0.03	37.65 -2.76 0.22	36.08 -2.84 0.03	35.20 -2.61 0.00	34.62 -2.61 0.00	33.98 -2.64 0.01	33.73 -2.50 0.03	33.98 -2.64 0.00	36.73 -3.07 0.03	37.37 -2.94 0.03	41.00 -2.66 0.00	44.08 -1.84 0.00	45.23 -1.98 0.00	37.63 -1.53 0.00	33.84 -1.41 0.00	32.21 -1.34 0.00
MORTIMER_115KV_TB3 55949	32.97 -0.33 0.00	28.21 -1.11 0.00	26.98 -1.01 0.00	26.22 -0.95 0.00	27.08 -0.95 0.00	30.15 -0.90 0.00	37.81 -1.21 0.00	39.96 -1.80 0.00	41.80 -2.20 0.01	38.03 -2.60 0.00	36.99 -1.95 0.01	35.88 -1.93 0.00	35.36 -1.86 0.00	34.83 -1.80 0.01	34.48 -1.78 0.01	34.79 -1.83 0.00	37.43 -2.39 0.01	38.07 -2.26 0.01	41.70 -1.96 0.00	44.22 -1.70 0.00	45.37 -1.84 0.00	37.67 -1.49 0.00	33.95 -1.30 0.00	32.18 -1.38 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	35.33 2.03 0.00	31.32 1.99 0.00	29.83 1.85 0.00	29.00 1.82 0.00	29.86 1.82 0.00	32.97 1.93 0.00	41.51 2.50 0.00	44.89 3.13 0.00	47.67 3.65 0.00	44.21 3.58 0.00	42.18 3.23 0.00	40.99 3.18 0.00	40.35 3.13 0.00	39.75 3.11 0.00	39.35 3.08 0.00	39.62 3.00 0.00	43.33 3.50 0.00	43.73 3.39 0.00	46.94 3.27 0.00	49.18 3.26 0.00	50.76 3.54 0.00	42.01 2.86 0.00	37.82 2.57 0.00	36.00 2.45 0.00
MUNSVILLE_WIND_PWR 323609	36.47 3.17 0.00	32.02 2.70 0.00	30.50 2.52 0.00	29.76 2.58 0.00	30.93 2.89 0.00	34.68 3.63 0.00	43.70 4.68 0.00	46.56 4.80 0.00	48.98 4.93 -0.04	44.67 4.02 -0.01	43.00 4.01 -0.04	41.44 3.63 0.00	40.50 3.28 0.00	39.73 3.08 -0.02	39.64 3.33 -0.04	38.74 2.12 0.00	42.45 2.59 -0.03	42.99 2.62 -0.03	47.07 3.41 0.00	49.78 3.86 0.00	51.09 3.87 0.00	42.25 3.09 0.00	37.75 2.50 0.00	35.80 2.25 0.00
N SALMON___HYD 24042	33.20 -0.10 0.00	29.33 0.00 0.00	27.98 0.00 0.00	27.07 -0.11 0.00	27.87 -0.17 0.00	30.96 -0.09 0.00	39.06 0.04 0.00	41.88 0.13 0.00	44.06 0.04 0.00	40.59 -0.04 0.00	38.87 -0.08 0.00	37.74 -0.08 0.00	37.19 -0.04 0.00	36.53 -0.11 0.00	36.05 -0.22 0.00	36.44 -0.18 0.00	39.63 -0.20 0.00	40.18 -0.16 0.00	43.58 -0.09 0.00	45.74 -0.18 0.00	47.26 0.05 0.00	39.31 0.16 0.00	35.29 0.04 0.00	33.45 -0.10 0.00
N.AKRON__115KV_KNAPP 355671	33.07 -0.23 0.00	27.77 -1.55 0.00	26.61 -1.37 0.00	25.87 -1.30 0.00	26.75 -1.29 0.00	29.81 -1.24 0.00	37.26 -1.76 0.00	39.09 -2.67 0.00	40.70 -3.30 0.01	37.15 -3.45 0.03	36.01 -2.92 0.01	34.86 -2.95 0.00	34.36 -2.87 0.00	33.84 -2.78 0.01	33.53 -2.72 0.02	33.80 -2.82 0.00	36.27 -3.54 0.02	36.86 -3.47 0.02	40.56 -3.10 0.00	43.35 -2.57 0.00	44.33 -2.88 0.00	37.00 -2.15 0.00	33.38 -1.87 0.00	31.58 -1.98 0.00
N.E_GEN_SANDY PD 24062	35.10 1.40 -0.40	31.60 1.32 -0.95	29.46 1.26 -0.22	28.40 1.22 0.00	30.60 1.26 -1.30	32.60 1.24 -0.31	40.50 1.48 0.00	44.40 1.84 -0.81	45.86 1.85 0.00	44.70 1.95 -2.12	48.00 1.83 -7.22	45.60 1.78 -6.01	45.10 1.71 -6.16	44.30 1.72 -5.94	42.60 1.70 -4.63	42.65 1.69 -4.35	46.60 1.91 -4.86	48.60 1.86 -6.40	51.10 1.88 -5.56	52.02 1.93 -4.17	50.90 2.03 -1.66	44.50 1.68 -3.66	41.70 1.59 -4.86	34.96 1.41 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	35.00 1.70 0.00	30.97 1.64 0.00	29.52 1.54 0.00	28.70 1.52 0.00	29.58 1.54 0.00	32.69 1.65 0.00	41.12 2.11 0.00	44.39 2.63 0.00	47.09 3.08 0.00	43.68 3.05 0.00	41.67 2.73 0.00	40.50 2.68 0.00	39.87 2.64 0.00	39.27 2.64 0.00	38.88 2.61 0.00	39.11 2.49 0.00	42.74 2.91 0.00	43.21 2.86 0.00	46.46 2.79 0.00	48.68 2.76 0.00	50.24 3.02 0.00	41.62 2.47 0.00	37.51 2.26 0.00	35.70 2.15 0.00
N.QUEENS_27_KV_LOAD 356247	35.23 1.93 0.00	31.53 2.20 0.00	30.03 2.04 0.00	29.16 1.98 0.00	30.00 1.96 0.00	32.88 1.83 0.00	41.36 2.34 0.00	44.76 3.01 0.00	47.62 3.61 0.00	44.17 3.54 0.00	42.18 3.23 0.00	40.99 3.18 0.00	40.35 3.13 0.00	39.79 3.15 0.00	39.39 3.12 0.00	39.62 3.00 0.00	43.33 3.50 0.00	43.77 3.43 0.00	46.85 3.19 0.00	49.09 3.17 0.00	50.61 3.40 0.00	41.89 2.74 0.00	37.75 2.50 0.00	35.90 2.35 0.00
N.TROY___115KV_TB1 355778	34.57 1.27 0.00	30.50 1.17 0.00	29.10 1.12 0.00	28.26 1.09 0.00	29.19 1.15 0.00	32.20 1.15 0.00	40.46 1.44 0.00	43.55 1.80 0.00	45.86 1.85 0.00	42.54 1.91 0.00	40.70 1.75 0.00	39.51 1.70 0.00	38.90 1.68 0.00	38.28 1.65 0.00	37.94 1.67 0.00	38.23 1.61 0.00	41.70 1.87 0.00	42.08 1.73 0.00	45.45 1.79 0.00	47.71 1.79 0.00	49.10 1.89 0.00	40.72 1.57 0.00	36.73 1.48 0.00	34.93 1.38 0.00
NARROWS_GT1_1 24228	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00
NARROWS_GT1_2 24229	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00
NARROWS_GT1_3 24230	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00
NARROWS_GT1_4 24231	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00
NARROWS_GT1_5 24232	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00

NARROWS_GT1_6 24233	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00
NARROWS_GT1_7 24234	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00
NARROWS_GT1_8 24235	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00
NARROWS_GT2_1 24236	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00
NARROWS_GT2_2 24237	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00
NARROWS_GT2_3 24238	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00
NARROWS_GT2_4 24239	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00
NARROWS_GT2_5 24240	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00
NARROWS_GT2_6 24241	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00
NARROWS_GT2_7 24242	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00
NARROWS_GT2_8 24243	35.40 2.10 0.00	31.41 2.08 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.95 1.91 0.00	33.01 1.96 0.00	41.59 2.57 0.00	44.97 3.22 0.00	47.92 3.87 -0.03	44.40 3.74 -0.03	42.40 3.43 -0.03	41.17 3.33 -0.03	50.85 3.31 -10.31	53.10 3.30 -13.17	39.56 3.27 -0.03	53.17 3.18 -13.37	51.86 3.66 -8.37	52.58 3.59 -8.64	49.79 3.41 -2.72	49.32 3.40 0.00	50.80 3.59 0.00	42.20 3.02 -0.03	38.00 2.75 0.00	36.07 2.52 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	34.40 1.10 0.00	30.38 1.06 0.00	28.99 1.01 0.00	28.15 0.98 0.00	29.08 1.04 0.00	32.07 1.02 0.00	40.23 1.21 0.00	43.30 1.55 0.00	45.55 1.54 0.00	42.06 1.42 0.00	40.15 1.21 0.00	38.99 1.17 0.00	38.31 1.08 0.00	37.73 1.10 0.00	37.43 1.16 0.00	37.75 1.14 0.00	41.22 1.39 0.00	41.71 1.37 0.00	45.24 1.57 0.00	47.39 1.47 0.00	48.87 1.65 0.00	40.52 1.37 0.00	36.48 1.23 0.00	34.83 1.28 0.00
NCHELSEA_115KV_TR2 355582	35.00 1.70 0.00	31.00 1.67 0.00	29.55 1.57 0.00	28.73 1.55 0.00	29.58 1.54 0.00	32.73 1.68 0.00	41.12 2.11 0.00	44.43 2.67 0.00	47.14 3.12 0.00	43.64 3.01 0.00	41.63 2.69 0.00	40.46 2.65 0.00	39.83 2.61 0.00	39.20 2.56 0.00	38.84 2.57 0.00	39.07 2.45 0.00	42.70 2.87 0.00	43.13 2.78 0.00	46.46 2.79 0.00	48.63 2.71 0.00	50.24 3.02 0.00	41.58 2.43 0.00	37.47 2.22 0.00	35.74 2.18 0.00
NEG CAPITAL___MECHNVIL 23645	34.90 1.60 0.00	30.79 1.47 0.00	29.38 1.40 0.00	28.53 1.36 0.00	29.47 1.43 0.00	32.54 1.49 0.00	41.08 2.07 0.00	44.31 2.55 0.00	46.70 2.69 0.00	43.27 2.64 0.00	41.40 2.46 0.00	40.20 2.38 0.00	39.53 2.31 0.00	38.91 2.27 0.00	38.55 2.29 0.00	38.85 2.23 0.00	42.42 2.59 0.00	42.64 2.30 0.00	46.11 2.44 0.00	48.36 2.43 0.00	49.76 2.55 0.00	41.23 2.07 0.00	37.15 1.90 0.00	35.30 1.74 0.00
NEG CENTRAL_HIGH_ACRES 23767	32.50 -0.80 0.00	27.92 -1.41 0.00	26.70 -1.29 0.00	25.95 -1.22 0.00	26.80 -1.23 0.00	29.84 -1.21 0.00	37.50 -1.52 0.00	39.71 -2.05 0.00	41.63 -2.38 0.01	37.95 -2.68 0.00	36.84 -2.10 0.01	35.77 -2.04 0.00	35.18 -2.05 0.00	34.69 -1.94 0.00	34.30 -1.96 0.01	34.64 -1.98 0.00	37.39 -2.43 0.01	37.92 -2.42 0.01	41.44 -2.23 0.00	43.90 -2.02 0.00	45.09 -2.12 0.00	37.35 -1.80 0.00	33.59 -1.66 0.00	32.01 -1.54 0.00

NEG CENTRAL___DRP 24199	33.27 -0.03 0.00	28.89 -0.44 0.00	27.62 -0.36 0.00	26.82 -0.35 0.00	27.70 -0.34 0.00	30.86 -0.19 0.00	38.94 -0.08 0.00	41.34 -0.42 0.00	43.34 -0.66 0.01	39.80 -0.85 -0.02	38.20 -0.74 0.01	37.02 -0.79 0.00	36.44 -0.78 0.00	35.93 -0.70 0.01	35.57 -0.69 0.01	35.89 -0.73 0.00	38.94 -0.88 0.01	39.52 -0.81 0.01	43.05 -0.61 0.00	45.60 -0.32 0.00	46.79 -0.42 0.00	38.76 -0.39 0.00	34.83 -0.42 0.00	33.02 -0.54 0.00
NEG CENTRAL___INDECK 23768	34.10 0.80 0.00	28.98 -0.35 0.00	27.73 -0.25 0.00	26.96 -0.22 0.00	27.84 -0.19 0.00	31.11 0.06 0.00	39.10 0.08 0.00	41.17 -0.58 0.00	42.67 -1.32 0.03	39.01 -1.79 -0.16	37.32 -1.60 0.03	36.26 -1.55 0.00	35.63 -1.60 0.00	35.05 -1.57 0.01	34.72 -1.52 0.03	35.08 -1.54 0.00	38.05 -1.75 0.03	38.78 -1.53 0.03	42.74 -0.92 0.00	45.74 -0.18 0.00	47.12 -0.09 0.00	39.00 -0.16 0.00	35.01 -0.25 0.00	33.22 -0.34 0.00
NEG CENTRAL___SENECA 23627	33.47 0.17 0.00	28.89 -0.44 0.00	27.62 -0.36 0.00	26.85 -0.33 0.00	27.73 -0.31 0.00	30.92 -0.12 0.00	39.02 0.00 0.00	41.34 -0.42 0.00	43.25 -0.75 0.02	39.69 -0.98 -0.03	38.07 -0.86 0.02	36.91 -0.91 0.00	36.33 -0.89 0.00	35.85 -0.77 0.01	35.48 -0.76 0.02	35.81 -0.81 0.00	38.81 -1.00 0.02	39.43 -0.89 0.02	43.10 -0.57 0.00	45.74 -0.18 0.00	46.93 -0.28 0.00	38.88 -0.27 0.00	34.90 -0.35 0.00	33.05 -0.50 0.00
NEG CENTRAL___STATE_STREET 24147	33.23 -0.07 0.00	29.03 -0.29 0.00	27.73 -0.25 0.00	26.96 -0.22 0.00	27.84 -0.20 0.00	30.96 -0.09 0.00	39.06 0.04 0.00	41.59 -0.17 0.00	43.71 -0.31 -0.01	40.11 -0.53 -0.01	38.53 -0.43 -0.01	37.32 -0.49 0.00	36.78 -0.45 0.00	36.23 -0.40 0.00	35.87 -0.40 -0.01	36.14 -0.48 0.00	39.28 -0.56 -0.01	39.83 -0.52 -0.01	43.31 -0.35 0.00	45.74 -0.18 0.00	46.98 -0.24 0.00	38.92 -0.23 0.00	34.93 -0.32 0.00	33.19 -0.37 0.00
NEG MILLWOOD___DRP 24198	35.17 1.86 0.00	31.17 1.85 0.00	29.72 1.74 0.00	28.89 1.71 0.00	29.78 1.74 0.00	32.91 1.86 0.00	41.36 2.34 0.00	44.68 2.92 0.00	47.49 3.48 0.00	44.01 3.37 0.00	41.95 3.00 0.00	40.72 2.91 0.00	40.13 2.90 0.00	39.53 2.89 0.00	39.17 2.90 0.00	39.36 2.75 0.00	42.98 3.15 0.00	43.49 3.15 0.00	46.72 3.06 0.00	48.95 3.03 0.00	50.57 3.35 0.00	41.89 2.74 0.00	37.75 2.50 0.00	35.90 2.35 0.00
NEG NORTH_FLCN_SEA 23793	33.97 0.67 0.00	29.94 0.62 0.00	28.57 0.59 0.00	27.67 0.49 0.00	28.46 0.42 0.00	31.61 0.56 0.00	39.84 0.82 0.00	42.72 0.96 0.00	44.98 0.97 0.00	41.45 0.81 0.00	39.69 0.74 0.00	38.57 0.76 0.00	37.97 0.74 0.00	37.26 0.62 0.00	36.81 0.54 0.00	37.24 0.62 0.00	40.47 0.64 0.00	40.99 0.65 0.00	44.45 0.79 0.00	46.70 0.78 0.00	48.25 1.04 0.00	40.09 0.94 0.00	36.03 0.78 0.00	34.19 0.64 0.00
NEG NORTH_KES_CHATEGAY 23792	33.17 -0.13 0.00	29.27 -0.06 0.00	27.93 -0.06 0.00	27.07 -0.11 0.00	27.87 -0.17 0.00	30.89 -0.16 0.00	38.94 -0.08 0.00	41.72 -0.04 0.00	43.88 -0.13 0.00	40.47 -0.16 0.00	38.75 -0.19 0.00	37.62 -0.19 0.00	37.04 -0.19 0.00	36.38 -0.26 0.00	35.94 -0.33 0.00	36.36 -0.26 0.00	39.55 -0.28 0.00	40.10 -0.24 0.00	43.49 -0.17 0.00	45.69 -0.23 0.00	47.22 0.00 0.00	39.19 0.04 0.00	35.25 0.00 0.00	33.49 -0.07 0.00
NEG NORTH___ALICE_FALLS 23915	33.90 0.60 0.00	29.91 0.59 0.00	28.54 0.56 0.00	27.61 0.43 0.00	28.43 0.39 0.00	31.55 0.50 0.00	39.84 0.82 0.00	42.72 0.96 0.00	44.94 0.92 0.00	41.41 0.77 0.00	39.65 0.70 0.00	38.49 0.68 0.00	37.93 0.71 0.00	37.22 0.59 0.00	36.74 0.47 0.00	37.17 0.55 0.00	40.43 0.60 0.00	40.95 0.61 0.00	44.41 0.74 0.00	46.70 0.78 0.00	48.25 1.04 0.00	40.09 0.94 0.00	35.99 0.74 0.00	34.13 0.57 0.00
NEG NORTH___LWR_SARANAC 23913	33.90 0.60 0.00	29.91 0.59 0.00	28.54 0.56 0.00	27.61 0.43 0.00	28.43 0.39 0.00	31.55 0.50 0.00	39.84 0.82 0.00	42.72 0.96 0.00	44.94 0.92 0.00	41.41 0.77 0.00	39.65 0.70 0.00	38.49 0.68 0.00	37.93 0.71 0.00	37.22 0.59 0.00	36.74 0.47 0.00	37.17 0.55 0.00	40.43 0.60 0.00	40.95 0.61 0.00	44.41 0.74 0.00	46.70 0.78 0.00	48.25 1.04 0.00	40.09 0.94 0.00	35.99 0.74 0.00	34.13 0.57 0.00
NEG NORTH___PLATTSBURG 23628	33.90 0.60 0.00	29.91 0.59 0.00	28.54 0.56 0.00	27.61 0.43 0.00	28.43 0.39 0.00	31.54 0.50 0.00	39.84 0.82 0.00	42.72 0.96 0.00	44.94 0.93 0.00	41.40 0.77 0.00	39.65 0.70 0.00	38.49 0.68 0.00	37.93 0.71 0.00	37.22 0.58 0.00	36.74 0.47 0.00	37.17 0.55 0.00	40.43 0.60 0.00	40.95 0.61 0.00	44.41 0.74 0.00	46.70 0.78 0.00	48.25 1.04 0.00	40.09 0.94 0.00	35.99 0.74 0.00	34.13 0.57 0.00
NEG WEST_LEA_LOCKPORT 23791	32.44 -0.87 0.00	27.27 -2.05 0.00	26.14 -1.85 0.00	25.41 -1.77 0.00	26.27 -1.77 0.00	29.19 -1.86 0.00	36.48 -2.54 0.00	38.08 -3.67 0.00	39.64 -4.36 0.02	36.21 -4.39 0.04	35.12 -3.82 0.02	34.03 -3.78 0.00	33.54 -3.69 0.00	33.04 -3.59 0.01	32.81 -3.45 0.02	32.99 -3.63 0.00	35.43 -4.38 0.02	35.93 -4.40 0.02	39.56 -4.10 0.00	42.29 -3.63 0.00	43.15 -4.06 0.00	36.10 -3.05 0.00	32.61 -2.64 0.00	30.90 -2.65 0.00
NEG WEST___LANCASTR 23811	32.54 -0.77 0.00	27.36 -1.96 0.00	26.22 -1.76 0.00	25.49 -1.68 0.00	26.38 -1.65 0.00	29.34 -1.71 0.00	36.72 -2.30 0.00	38.33 -3.42 0.00	40.12 -3.87 0.02	38.69 -1.91 0.04	35.54 -3.39 0.02	34.33 -3.48 0.00	33.80 -3.42 0.00	33.26 -3.37 0.01	33.16 -3.08 0.02	33.21 -3.41 0.00	36.58 -3.23 0.02	36.57 -3.75 0.02	39.91 -3.76 0.00	42.75 -3.17 0.00	43.67 -3.54 0.00	36.53 -2.62 0.00	32.89 -2.36 0.00	31.14 -2.42 0.00
NEG_PENN_ALLEGHNY 23528	33.57 0.27 0.00	29.30 -0.03 0.00	27.98 0.00 0.00	27.18 0.00 0.00	28.07 0.03 0.00	31.17 0.12 0.00	39.25 0.24 0.00	41.80 0.04 0.00	43.96 -0.04 0.01	40.67 0.04 0.00	38.82 -0.12 0.01	37.66 -0.15 0.00	37.08 -0.15 0.00	36.48 -0.15 0.01	36.18 -0.07 0.01	36.47 -0.15 0.00	39.62 -0.20 0.01	40.13 -0.20 0.01	43.58 -0.09 0.00	46.11 0.18 0.00	47.36 0.14 0.00	39.27 0.12 0.00	35.29 0.04 0.00	33.56 0.00 0.00
NEG___GEN_MONROE 24207	33.20 -0.10 0.00	28.30 -1.03 0.00	27.09 -0.90 0.00	26.33 -0.84 0.00	27.20 -0.84 0.00	30.30 -0.75 0.00	37.96 -1.05 0.00	40.05 -1.71 0.00	41.85 -2.16 0.01	38.07 -2.56 0.00	36.95 -1.99 0.01	35.81 -2.00 0.00	35.22 -2.01 0.00	34.61 -2.01 0.01	34.22 -2.03 0.01	34.53 -2.09 0.00	37.11 -2.71 0.01	37.75 -2.58 0.01	41.39 -2.27 0.00	43.99 -1.93 0.00	45.14 -2.08 0.00	37.55 -1.61 0.00	33.77 -1.48 0.00	32.01 -1.54 0.00
NEPA___ENERGY 23901	33.07 -0.23 0.00	27.89 -1.44 0.00	26.72 -1.26 0.00	25.98 -1.20 0.00	26.89 -1.15 0.00	29.90 -1.15 0.00	37.46 -1.56 0.00	39.13 -2.63 0.00	40.82 -3.17 0.02	38.03 -2.56 0.04	36.12 -2.80 0.02	35.01 -2.80 0.00	34.43 -2.79 0.00	33.84 -2.78 0.01	33.64 -2.61 0.02	33.84 -2.78 0.00	36.70 -3.11 0.02	37.18 -3.15 0.02	40.74 -2.93 0.00	43.67 -2.25 0.00	44.62 -2.60 0.00	37.27 -1.88 0.00	33.56 -1.69 0.00	31.74 -1.81 0.00

NEVERSINK___HYD 23608	35.10 1.80 0.00	31.06 1.73 0.00	29.61 1.62 0.00	28.78 1.60 0.00	29.66 1.63 0.00	32.88 1.83 0.00	41.32 2.30 0.00	44.56 2.80 0.00	47.27 3.26 0.00	43.68 3.05 0.00	41.71 2.77 0.00	40.46 2.65 0.00	39.68 2.46 0.00	38.94 2.31 0.00	38.59 2.32 0.00	38.85 2.23 0.00	42.46 2.63 0.00	42.93 2.58 0.00	46.33 2.66 0.00	48.59 2.66 0.00	50.14 2.93 0.00	41.50 2.35 0.00	37.36 2.11 0.00	35.60 2.05 0.00
NEWKRMKL_115KV_TB1 55635	34.00 0.70 0.00	30.06 0.73 0.00	28.68 0.70 0.00	27.86 0.68 0.00	28.77 0.73 0.00	31.70 0.65 0.00	39.72 0.70 0.00	42.72 0.96 0.00	45.07 1.06 0.00	41.77 1.14 0.00	40.04 1.09 0.00	38.91 1.10 0.00	38.27 1.04 0.00	37.70 1.06 0.00	37.32 1.05 0.00	37.64 1.03 0.00	40.98 1.16 0.00	41.35 1.01 0.00	44.67 1.00 0.00	46.84 0.92 0.00	48.21 0.99 0.00	40.05 0.90 0.00	36.13 0.88 0.00	34.43 0.87 0.00
NEWTON___FALLS_HYD 23847	32.27 -1.03 0.00	28.48 -0.85 0.00	27.14 -0.84 0.00	26.36 -0.82 0.00	27.22 -0.81 0.00	30.30 -0.75 0.00	38.12 -0.90 0.00	40.80 -0.96 0.00	42.87 -1.14 0.00	39.33 -1.30 0.00	37.70 -1.25 0.00	36.57 -1.25 0.00	35.96 -1.27 0.00	35.43 -1.21 0.00	34.93 -1.34 0.00	35.23 -1.39 0.00	38.40 -1.43 0.00	38.97 -1.37 0.00	42.44 -1.22 0.00	44.50 -1.42 0.00	45.94 -1.27 0.00	38.21 -0.94 0.00	34.40 -0.85 0.00	32.48 -1.07 0.00
NGRID_A1_DSASP 323792	32.00 -1.30 0.00	26.98 -2.35 0.00	25.86 -2.13 0.00	25.14 -2.04 0.00	25.99 -2.05 0.00	28.84 -2.20 0.00	36.05 -2.97 0.00	37.62 -4.13 0.00	39.11 -4.89 0.02	35.60 -5.00 0.04	34.65 -4.28 0.02	33.77 -4.05 0.00	33.13 -4.09 0.00	32.67 -3.96 0.01	32.44 -3.81 0.02	32.66 -3.96 0.00	35.07 -4.74 0.02	35.48 -4.84 0.02	39.08 -4.58 0.00	41.74 -4.18 0.00	42.68 -4.53 0.00	35.59 -3.56 0.00	32.18 -3.07 0.00	30.84 -2.72 0.00
NGRID_A2_DSASP 323793	32.00 -1.30 0.00	26.98 -2.35 0.00	25.86 -2.13 0.00	25.14 -2.04 0.00	25.99 -2.05 0.00	28.84 -2.20 0.00	36.05 -2.97 0.00	37.62 -4.13 0.00	39.11 -4.89 0.02	35.60 -5.00 0.04	34.65 -4.28 0.02	33.77 -4.05 0.00	33.13 -4.09 0.00	32.67 -3.96 0.01	32.44 -3.81 0.02	32.66 -3.96 0.00	35.07 -4.74 0.02	35.48 -4.84 0.02	39.08 -4.58 0.00	41.74 -4.18 0.00	42.68 -4.53 0.00	35.59 -3.56 0.00	32.18 -3.07 0.00	30.84 -2.72 0.00
NGRID_A4_DSASP 323807	32.00 -1.30 0.00	26.98 -2.35 0.00	25.86 -2.13 0.00	25.14 -2.04 0.00	25.99 -2.05 0.00	28.84 -2.20 0.00	36.05 -2.97 0.00	37.62 -4.13 0.00	39.11 -4.89 0.02	35.60 -5.00 0.04	34.65 -4.28 0.02	33.77 -4.05 0.00	33.13 -4.09 0.00	32.67 -3.96 0.01	32.44 -3.81 0.02	32.66 -3.96 0.00	35.07 -4.74 0.02	35.48 -4.84 0.02	39.08 -4.58 0.00	41.74 -4.18 0.00	42.68 -4.53 0.00	35.59 -3.56 0.00	32.18 -3.07 0.00	30.84 -2.72 0.00
NIAGARA_115E_LBMP 323715	31.84 -1.46 0.00	26.83 -2.49 0.00	25.72 -2.27 0.00	25.00 -2.18 0.00	25.85 -2.19 0.00	28.72 -2.33 0.00	35.86 -3.16 0.00	37.41 -4.34 0.00	38.89 -5.10 0.02	35.52 -5.08 0.04	34.49 -4.44 0.02	33.58 -4.23 0.00	32.95 -4.28 0.00	32.49 -4.14 0.01	32.22 -4.03 0.02	32.44 -4.18 0.00	34.87 -4.94 0.02	35.32 -5.00 0.02	38.86 -4.80 0.00	41.56 -4.36 0.00	42.49 -4.72 0.00	35.43 -3.72 0.00	32.04 -3.21 0.00	30.67 -2.89 0.00
NIAGARA_115W_LBMP 323714	31.87 -1.43 0.00	26.89 -2.43 0.00	25.77 -2.21 0.00	25.06 -2.12 0.00	25.91 -2.13 0.00	28.75 -2.30 0.00	35.93 -3.08 0.00	37.50 -4.26 0.00	38.98 -5.02 0.02	35.48 -5.12 0.04	34.53 -4.40 0.02	33.65 -4.16 0.00	33.02 -4.21 0.00	32.56 -4.07 0.01	32.33 -3.92 0.02	32.55 -4.07 0.00	34.95 -4.86 0.02	35.40 -4.92 0.02	38.95 -4.72 0.00	41.60 -4.32 0.00	42.54 -4.68 0.00	35.47 -3.68 0.00	32.08 -3.17 0.00	30.74 -2.82 0.00
NIAGARA_230_LBMP 323716	32.10 -1.20 0.00	27.13 -2.20 0.00	26.02 -1.96 0.00	25.30 -1.87 0.00	26.16 -1.88 0.00	29.03 -2.02 0.00	36.29 -2.73 0.00	37.92 -3.84 0.00	39.42 -4.58 0.02	35.96 -4.63 0.04	34.92 -4.01 0.02	34.00 -3.82 0.00	33.39 -3.83 0.00	32.93 -3.70 0.01	32.66 -3.59 0.02	32.88 -3.74 0.00	35.35 -4.46 0.02	35.81 -4.52 0.02	39.39 -4.28 0.00	42.07 -3.86 0.00	43.01 -4.20 0.00	35.86 -3.29 0.00	32.40 -2.85 0.00	31.04 -2.52 0.00
NIAGARA___115KV_198_GIBSON 55903	31.87 -1.43 0.00	26.89 -2.43 0.00	25.77 -2.21 0.00	25.06 -2.12 0.00	25.91 -2.13 0.00	28.75 -2.30 0.00	35.94 -3.08 0.00	37.46 -4.30 0.00	38.98 -5.02 0.02	35.48 -5.12 0.04	34.57 -4.36 0.02	33.54 -4.27 0.00	33.02 -4.21 0.00	32.56 -4.07 0.01	32.30 -3.95 0.02	32.52 -4.10 0.00	34.83 -4.98 0.02	35.40 -4.92 0.02	38.95 -4.72 0.00	41.61 -4.32 0.00	42.45 -4.77 0.00	35.47 -3.68 0.00	32.08 -3.17 0.00	30.43 -3.12 0.00
NIAGARA____ 23760	32.10 -1.20 0.00	27.13 -2.20 0.00	26.02 -1.96 0.00	25.30 -1.87 0.00	26.16 -1.88 0.00	29.03 -2.02 0.00	36.29 -2.73 0.00	37.92 -3.84 0.00	39.42 -4.58 0.02	35.96 -4.63 0.04	34.92 -4.01 0.02	34.00 -3.82 0.00	33.39 -3.83 0.00	32.93 -3.70 0.01	32.66 -3.59 0.02	32.88 -3.74 0.00	35.35 -4.46 0.02	35.81 -4.52 0.02	39.39 -4.28 0.00	42.07 -3.86 0.00	43.01 -4.20 0.00	35.86 -3.29 0.00	32.40 -2.85 0.00	31.04 -2.52 0.00
NINE_MILE_1 23575	32.44 -0.87 0.00	28.48 -0.85 0.00	27.17 -0.81 0.00	26.39 -0.79 0.00	27.25 -0.78 0.00	30.21 -0.84 0.00	38.00 -1.01 0.00	40.42 -1.34 0.00	42.56 -1.45 0.00	39.17 -1.46 0.00	37.62 -1.32 0.00	36.53 -1.29 0.00	35.96 -1.27 0.00	35.39 -1.25 0.00	35.03 -1.23 0.00	35.37 -1.25 0.00	38.43 -1.40 0.00	38.93 -1.41 0.00	42.22 -1.44 0.00	44.45 -1.47 0.00	45.70 -1.51 0.00	37.86 -1.29 0.00	34.09 -1.16 0.00	32.51 -1.04 0.00
NINE_MILE_2 23744	32.44 -0.87 0.00	28.48 -0.85 0.00	27.17 -0.81 0.00	26.39 -0.79 0.00	27.25 -0.78 0.00	30.21 -0.84 0.00	38.00 -1.01 0.00	40.42 -1.34 0.00	42.56 -1.45 0.00	39.17 -1.46 0.00	37.62 -1.32 0.00	36.53 -1.29 0.00	35.96 -1.27 0.00	35.39 -1.25 0.00	35.03 -1.23 0.00	35.37 -1.25 0.00	38.43 -1.40 0.00	38.93 -1.41 0.00	42.22 -1.44 0.00	44.45 -1.47 0.00	45.70 -1.51 0.00	37.86 -1.29 0.00	34.09 -1.16 0.00	32.51 -1.04 0.00
NM_CAPITAL___DRP 24208	34.13 0.83 0.00	30.18 0.85 0.00	28.80 0.81 0.00	27.96 0.79 0.00	28.85 0.81 0.00	31.79 0.75 0.00	39.84 0.82 0.00	42.89 1.13 0.00	45.20 1.19 0.00	41.89 1.26 0.00	40.15 1.21 0.00	38.99 1.17 0.00	38.38 1.15 0.00	37.77 1.14 0.00	37.43 1.16 0.00	37.72 1.10 0.00	41.10 1.27 0.00	41.51 1.17 0.00	44.80 1.14 0.00	46.98 1.06 0.00	48.35 1.13 0.00	40.17 1.02 0.00	36.24 0.99 0.00	34.53 0.97 0.00
NM_CENTRAL___DRP 24181	33.07 -0.23 0.00	28.97 -0.35 0.00	27.65 -0.34 0.00	26.85 -0.33 0.00	27.73 -0.31 0.00	30.80 -0.25 0.00	38.78 -0.23 0.00	41.30 -0.46 0.00	43.44 -0.57 0.00	40.02 -0.61 0.00	38.40 -0.55 0.00	37.25 -0.57 0.00	36.70 -0.52 0.00	36.12 -0.51 0.00	35.80 -0.47 0.00	36.11 -0.51 0.00	39.23 -0.60 0.00	39.74 -0.61 0.00	43.14 -0.52 0.00	45.46 -0.46 0.00	46.70 -0.52 0.00	38.68 -0.47 0.00	34.79 -0.46 0.00	33.12 -0.44 0.00

NM_FRONTIER___DRP 24179	31.87 -1.43 0.00	26.89 -2.43 0.00	25.77 -2.21 0.00	25.06 -2.12 0.00	25.91 -2.13 0.00	28.75 -2.30 0.00	35.94 -3.08 0.00	37.46 -4.30 0.00	38.98 -5.02 0.02	35.48 -5.12 0.04	34.57 -4.36 0.02	33.54 -4.27 0.00	33.02 -4.21 0.00	32.56 -4.07 0.01	32.30 -3.95 0.02	32.52 -4.10 0.00	34.83 -4.98 0.02	35.40 -4.92 0.02	38.95 -4.72 0.00	41.61 -4.32 0.00	42.45 -4.77 0.00	35.47 -3.68 0.00	32.08 -3.17 0.00	30.43 -3.12 0.00
NM_ST_REGIS___HYD 24053	32.54 -0.77 0.00	28.74 -0.59 0.00	27.42 -0.56 0.00	26.55 -0.63 0.00	27.37 -0.67 0.00	30.40 -0.65 0.00	38.28 -0.74 0.00	41.05 -0.71 0.00	43.18 -0.84 0.00	39.74 -0.89 0.00	38.05 -0.90 0.00	36.98 -0.83 0.00	36.41 -0.82 0.00	35.83 -0.81 0.00	35.40 -0.87 0.00	35.70 -0.92 0.00	38.83 -1.00 0.00	39.37 -0.97 0.00	42.79 -0.87 0.00	44.73 -1.19 0.00	46.22 -0.99 0.00	38.57 -0.59 0.00	34.65 -0.60 0.00	32.85 -0.70 0.00
NORTHPORT___1 23551	35.94 2.63 -0.01	31.83 2.49 -0.01	30.37 2.38 -0.01	29.49 2.31 -0.01	30.43 2.38 -0.01	33.57 2.51 -0.01	42.26 3.24 -0.01	45.23 3.46 -0.01	47.67 3.65 -0.01	46.63 3.53 -2.47	48.82 2.69 -7.19	47.62 2.61 -7.20	46.81 2.60 -6.98	46.90 2.56 -7.70	49.61 2.54 -10.81	51.79 2.42 -12.76	46.71 2.91 -3.98	48.69 2.91 -5.44	47.07 2.84 -0.57	53.45 2.94 -4.58	50.34 3.12 -0.01	47.29 2.51 -5.62	43.45 2.75 -5.45	36.53 2.89 -0.09
NORTHPORT___2 23552	35.94 2.63 -0.01	31.83 2.49 -0.01	30.37 2.38 -0.01	29.49 2.31 -0.01	30.43 2.38 -0.01	33.57 2.51 -0.01	42.26 3.24 -0.01	45.23 3.46 -0.01	47.67 3.65 -0.01	46.63 3.53 -2.47	48.82 2.69 -7.19	47.62 2.61 -7.20	46.81 2.60 -6.98	46.90 2.56 -7.70	49.61 2.54 -10.81	51.79 2.42 -12.76	46.71 2.91 -3.98	48.69 2.91 -5.44	47.07 2.84 -0.57	53.45 2.94 -4.58	50.34 3.12 -0.01	47.29 2.51 -5.62	43.45 2.75 -5.45	36.53 2.89 -0.09
NORTHPORT___3 23553	36.01 2.70 -0.01	31.89 2.55 -0.01	30.43 2.43 -0.01	29.58 2.39 -0.01	30.46 2.41 -0.01	33.67 2.61 -0.01	42.38 3.36 -0.01	45.31 3.55 -0.01	47.67 3.65 -0.01	46.70 3.58 -2.49	48.93 2.73 -7.25	47.72 2.65 -7.27	46.91 2.64 -7.04	47.01 2.60 -7.77	49.79 2.61 -10.91	51.98 2.49 -12.87	46.75 2.91 -4.01	48.74 2.91 -5.49	47.04 2.80 -0.58	53.44 2.89 -4.63	50.34 3.12 -0.01	47.34 2.51 -5.68	43.50 2.75 -5.50	36.63 2.99 -0.09
NORTHPORT___4 23650	36.01 2.70 -0.01	31.89 2.55 -0.01	30.43 2.43 -0.01	29.58 2.39 -0.01	30.46 2.41 -0.01	33.67 2.61 -0.01	42.38 3.36 -0.01	45.31 3.55 -0.01	47.67 3.65 -0.01	46.70 3.58 -2.49	48.93 2.73 -7.25	47.72 2.65 -7.27	46.91 2.64 -7.04	47.01 2.60 -7.77	49.79 2.61 -10.91	51.98 2.49 -12.87	46.75 2.91 -4.01	48.74 2.91 -5.49	47.04 2.80 -0.58	53.44 2.89 -4.63	50.34 3.12 -0.01	47.34 2.51 -5.68	43.50 2.75 -5.50	36.63 2.99 -0.09
NORTHPORT___IC 23718	35.94 2.63 -0.01	31.83 2.49 -0.01	30.37 2.38 -0.01	29.52 2.34 -0.01	30.43 2.38 -0.01	33.57 2.51 -0.01	42.26 3.24 -0.01	45.23 3.47 -0.01	47.67 3.65 -0.01	46.63 3.54 -2.47	48.82 2.69 -7.19	47.62 2.61 -7.20	46.77 2.57 -6.98	46.90 2.56 -7.70	49.62 2.54 -10.81	51.79 2.42 -12.76	46.71 2.91 -3.98	48.68 2.90 -5.44	47.07 2.84 -0.57	53.45 2.94 -4.58	50.34 3.12 -0.01	47.28 2.51 -5.62	43.45 2.75 -5.45	36.56 2.92 -0.09
NORTH___COUNTRY_ESR 323785	33.07 -0.23 0.00	29.21 -0.12 0.00	27.87 -0.11 0.00	26.99 -0.19 0.00	27.81 -0.23 0.00	30.83 -0.22 0.00	38.82 -0.19 0.00	41.63 -0.12 0.00	43.79 -0.22 0.00	40.39 -0.24 0.00	38.68 -0.27 0.00	37.59 -0.23 0.00	37.04 -0.19 0.00	36.34 -0.29 0.00	35.90 -0.36 0.00	36.32 -0.29 0.00	39.47 -0.36 0.00	40.02 -0.32 0.00	43.40 -0.26 0.00	45.55 -0.37 0.00	47.07 -0.14 0.00	39.11 -0.04 0.00	35.14 -0.11 0.00	33.39 -0.17 0.00
NPX_GEN_1385_PROXY 323591	35.94 2.63 -0.01	31.83 2.49 -0.01	30.37 2.38 -0.01	29.49 2.31 -0.01	30.48 2.44 -0.01	33.63 2.58 -0.01	42.34 3.31 -0.01	45.96 3.63 -0.57	47.76 3.74 -0.01	46.63 3.53 -2.47	48.82 2.69 -7.19	47.62 2.61 -7.20	46.81 2.60 -6.98	46.90 2.56 -7.70	49.61 2.54 -10.81	51.79 2.42 -12.76	46.75 2.95 -3.98	48.72 2.94 -5.44	52.64 2.97 -6.01	53.90 3.08 -4.90	53.38 3.26 -2.91	47.29 2.51 -5.62	43.45 2.75 -5.45	36.53 2.89 -0.09
NPX_GEN_CSC 323557	36.81 3.50 -0.01	32.59 3.25 -0.01	31.10 3.11 -0.01	30.20 3.02 -0.01	31.10 3.06 -0.01	34.23 3.17 -0.01	43.05 4.02 -0.01	46.28 4.51 -0.01	48.86 4.84 -0.01	47.77 4.63 -2.50	49.94 3.70 -7.29	48.59 3.48 -7.30	47.76 3.46 -7.08	47.85 3.41 -7.81	50.64 3.41 -10.96	52.82 3.26 -12.94	47.69 3.82 -4.03	49.77 3.91 -5.51	48.21 3.97 -0.58	54.84 4.27 -4.65	51.62 4.39 -0.01	48.58 3.72 -5.70	44.55 3.77 -5.53	37.30 3.66 -0.09
NSINS_S_GLNS_FALLS 23858	34.90 1.60 0.00	30.82 1.50 0.00	29.38 1.40 0.00	28.56 1.39 0.00	29.52 1.49 0.00	32.57 1.52 0.00	41.24 2.22 0.00	44.51 2.76 0.00	46.96 2.95 0.00	43.48 2.84 0.00	41.60 2.65 0.00	40.35 2.53 0.00	39.65 2.42 0.00	38.98 2.34 0.00	38.66 2.39 0.00	38.96 2.34 0.00	42.58 2.75 0.00	42.80 2.46 0.00	46.33 2.66 0.00	48.54 2.62 0.00	49.95 2.74 0.00	41.35 2.19 0.00	37.26 2.01 0.00	35.40 1.85 0.00
NUCOR_STEEL___DRP 24197	33.33 0.03 0.00	29.12 -0.21 0.00	27.84 -0.14 0.00	27.04 -0.14 0.00	27.93 -0.11 0.00	31.02 -0.03 0.00	39.13 0.12 0.00	41.63 -0.13 0.00	43.76 -0.26 -0.01	40.19 -0.45 0.00	38.60 -0.35 -0.01	37.43 -0.38 0.00	36.85 -0.37 0.00	36.31 -0.33 0.00	35.95 -0.33 -0.01	36.22 -0.40 0.00	39.36 -0.48 -0.01	39.91 -0.44 -0.01	43.36 -0.31 0.00	45.79 -0.14 0.00	47.03 -0.19 0.00	38.96 -0.20 0.00	35.00 -0.25 0.00	33.25 -0.30 0.00
NUMBER_THREE_WT_PWR 323818	33.07 -0.23 0.00	29.15 -0.17 0.00	27.76 -0.22 0.00	27.01 -0.16 0.00	27.95 -0.08 0.00	31.14 0.09 0.00	39.14 0.12 0.00	41.80 0.04 0.00	43.97 -0.04 0.00	40.27 -0.37 0.00	38.60 -0.35 0.00	37.40 -0.42 0.00	36.74 -0.48 0.00	36.16 -0.48 0.00	35.58 -0.69 0.00	35.85 -0.77 0.00	39.15 -0.68 0.00	39.74 -0.60 0.00	43.36 -0.30 0.00	45.65 -0.27 0.00	47.03 -0.19 0.00	39.00 -0.16 0.00	35.25 0.00 0.00	33.15 -0.40 0.00
NYISO_LBMP_REFERENCE 24008	33.30 0.00 0.00	29.33 0.00 0.00	27.98 0.00 0.00	27.18 0.00 0.00	28.04 0.00 0.00	31.05 0.00 0.00	39.02 0.00 0.00	41.76 0.00 0.00	44.01 0.00 0.00	40.63 0.00 0.00	38.95 0.00 0.00	37.81 0.00 0.00	37.23 0.00 0.00	36.63 0.00 0.00	36.27 0.00 0.00	36.62 0.00 0.00	39.83 0.00 0.00	40.34 0.00 0.00	43.66 0.00 0.00	45.92 0.00 0.00	47.22 0.00 0.00	39.15 0.00 0.00	35.25 0.00 0.00	33.56 0.00 0.00
NYPA_BRENTWD____GT 24164	36.41 3.10 -0.01	32.24 2.90 -0.01	30.76 2.77 -0.01	29.88 2.69 -0.01	30.80 2.75 -0.01	34.01 2.95 -0.01	42.77 3.75 -0.01	45.90 4.13 -0.01	48.42 4.40 -0.01	47.40 4.23 -2.54	49.75 3.39 -7.41	48.53 3.29 -7.42	47.66 3.24 -7.19	47.76 3.19 -7.94	50.61 3.19 -11.15	52.85 3.08 -13.15	47.52 3.59 -4.10	49.54 3.59 -5.61	47.87 3.62 -0.59	54.46 3.81 -4.73	51.19 3.97 -0.01	48.24 3.29 -5.80	44.25 3.38 -5.62	37.03 3.39 -0.09

NYPA_GOWANUS____GT5 24156	35.40	31.41	29.94	29.08	29.95	33.01	41.59	44.97	47.92	44.40	42.40	41.17	50.85	53.10	39.56	53.17	51.86	52.58	49.79	49.32	50.80	42.20	38.00	36.07
	2.10	2.08	1.96	1.90	1.91	1.96	2.57	3.22	3.87	3.74	3.43	3.33	3.31	3.30	3.27	3.18	3.66	3.59	3.41	3.40	3.59	3.02	2.75	2.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.03	-0.03	-0.03	-10.31	-13.17	-0.03	-13.37	-8.37	-8.64	-2.72	0.00	0.00	-0.03	0.00	0.00
NYPA_GOWANUS____GT6 24157	35.40	31.41	29.94	29.08	29.95	33.01	41.59	44.97	47.92	44.40	42.40	41.17	50.85	53.10	39.56	53.17	51.86	52.58	49.79	49.32	50.80	42.20	38.00	36.07
	2.10	2.08	1.96	1.90	1.91	1.96	2.57	3.22	3.87	3.74	3.43	3.33	3.31	3.30	3.27	3.18	3.66	3.59	3.41	3.40	3.59	3.02	2.75	2.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.03	-0.03	-0.03	-10.31	-13.17	-0.03	-13.37	-8.37	-8.64	-2.72	0.00	0.00	-0.03	0.00	0.00
NYPA_HARLEM__RVR__GT1 24160	35.20	31.41	29.97	29.11	29.95	32.84	41.31	44.67	47.57	44.08	42.09	40.87	40.27	39.70	39.31	39.58	43.20	43.68	46.76	48.99	50.51	41.84	37.71	35.80
	1.90	2.08	1.99	1.93	1.91	1.80	2.30	2.92	3.56	3.45	3.15	3.06	3.05	3.08	3.05	2.96	3.38	3.35	3.10	3.08	3.30	2.70	2.47	2.25
	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
NYPA_HARLEM__RVR__GT2 24161	35.20	31.41	29.97	29.11	29.95	32.84	41.31	44.67	47.57	44.08	42.09	40.87	40.27	39.70	39.31	39.58	43.20	43.68	46.76	48.99	50.51	41.84	37.71	35.80
	1.90	2.08	1.99	1.93	1.91	1.80	2.30	2.92	3.56	3.45	3.15	3.06	3.05	3.08	3.05	2.96	3.38	3.35	3.10	3.08	3.30	2.70	2.47	2.25
	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
NYPA_KENT____GT 24152	35.37	31.41	29.91	29.05	29.92	32.97	41.55	44.93	47.88	44.37	42.28	41.15	55.96	59.64	39.54	59.83	56.01	39.57	51.11	49.27	50.76	42.14	37.93	36.00
	2.07	2.08	1.93	1.87	1.88	1.93	2.53	3.17	3.83	3.70	3.35	3.29	3.28	3.26	3.23	3.15	3.62	3.55	3.36	3.35	3.54	2.94	2.68	2.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.04	0.01	-0.04	-15.46	-19.75	-0.04	-20.06	-12.56	4.32	-4.08	0.00	0.00	-0.04	0.00	0.00
NYPA_POUCH1____GT 24155	35.40	31.41	29.94	29.08	29.95	32.97	41.55	44.93	47.83	44.24	42.25	41.02	50.66	52.95	39.42	53.03	51.71	52.42	49.62	49.18	50.66	42.16	38.00	36.07
	2.10	2.08	1.96	1.90	1.91	1.93	2.53	3.17	3.79	3.58	3.27	3.18	3.13	3.15	3.12	3.04	3.51	3.43	3.23	3.26	3.44	2.97	2.75	2.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.03	-0.03	-0.03	-10.31	-13.17	-0.03	-13.37	-8.37	-8.64	-2.72	0.00	0.00	-0.03	0.00	0.00
NYPA_VERNON____GT2 24162	35.33	31.38	29.89	29.05	29.92	32.97	41.52	44.89	47.75	44.29	42.26	41.03	40.46	39.86	39.46	39.73	43.37	43.81	46.98	49.18	50.71	42.01	37.86	35.97
	2.03	2.05	1.90	1.87	1.88	1.93	2.50	3.13	3.74	3.66	3.31	3.21	3.24	3.22	3.19	3.11	3.54	3.47	3.32	3.26	3.49	2.86	2.61	2.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_VERNON____GT3 24163	35.33	31.38	29.89	29.05	29.92	32.97	41.52	44.89	47.75	44.29	42.26	41.03	40.46	39.86	39.46	39.73	43.37	43.81	46.98	49.18	50.71	42.01	37.86	35.97
	2.03	2.05	1.90	1.87	1.88	1.93	2.50	3.13	3.74	3.66	3.31	3.21	3.24	3.22	3.19	3.11	3.54	3.47	3.32	3.26	3.49	2.86	2.61	2.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC1 323568	35.30	31.38	29.89	29.05	29.92	32.94	41.48	44.85	47.71	44.25	42.22	40.99	40.43	39.82	39.42	39.69	43.34	43.77	46.94	49.14	50.66	41.97	37.82	35.94
	2.00	2.05	1.90	1.87	1.88	1.89	2.46	3.09	3.70	3.62	3.27	3.18	3.20	3.19	3.15	3.08	3.51	3.43	3.28	3.21	3.44	2.82	2.57	2.38
	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
NYPA____ASTORIA_CC2 323569	35.30	31.38	29.89	29.05	29.92	32.94	41.48	44.85	47.71	44.25	42.22	40.99	40.43	39.82	39.42	39.69	43.34	43.77	46.94	49.14	50.66	41.97	37.82	35.94
	2.00	2.05	1.90	1.87	1.88	1.89	2.46	3.09	3.70	3.62	3.27	3.18	3.20	3.19	3.15	3.08	3.51	3.43	3.28	3.21	3.44	2.82	2.57	2.38
	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
NYPA____HOLTSVILL 23794	36.34	32.18	30.71	29.85	30.74	33.91	42.66	45.69	48.25	47.19	49.42	48.17	47.34	47.44	50.19	52.40	47.24	49.24	47.65	54.15	50.95	47.94	44.08	36.93
	3.03	2.84	2.71	2.66	2.69	2.85	3.63	3.92	4.23	4.06	3.19	3.06	3.05	3.00	2.97	2.86	3.38	3.39	3.41	3.58	3.73	3.09	3.31	3.29
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-2.50	-7.28	-7.29	-7.06	-7.80	-10.95	-12.92	-4.03	-5.51	-0.58	-4.64	-0.01	-5.70	-5.52	-0.09
NYPA____HELLGATE_GT1 24158	35.20	31.41	29.97	29.11	29.95	32.84	41.31	44.67	47.57	44.08	42.09	40.87	40.27	39.70	39.31	39.58	43.20	43.68	46.76	48.99	50.51	41.84	37.71	35.80
	1.90	2.08	1.99	1.93	1.91	1.80	2.30	2.92	3.56	3.45	3.15	3.06	3.05	3.08	3.05	2.96	3.38	3.35	3.10	3.08	3.30	2.70	2.47	2.25
	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
NYPA____HELLGATE_GT2 24159	35.20	31.41	29.97	29.11	29.95	32.84	41.31	44.67	47.57	44.08	42.09	40.87	40.27	39.70	39.31	39.58	43.20	43.68	46.76	48.99	50.51	41.84	37.71	35.80
	1.90	2.08	1.99	1.93	1.91	1.80	2.30	2.92	3.56	3.45	3.15	3.06	3.05	3.08	3.05	2.96	3.38	3.35	3.10	3.08	3.30	2.70	2.47	2.25
	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
NYS_BARGE____HYD 23848	32.40	27.25	26.14	25.41	26.27	29.19	36.44	38.08	39.60	36.21	35.08	34.15	33.50	33.04	32.77	33.03	35.47	35.93	39.56	42.29	43.25	36.10	32.61	31.17
	-0.90	-2.08	-1.85	-1.77	-1.77	-1.86	-2.58	-3.68	-4.40	-4.39	-3.86	-3.67	-3.72	-3.59	-3.48	-3.59	-4.34	-4.40	-4.11	-3.63	-3.97	-3.05	-2.64	-2.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.03	0.02	0.00	0.00	0.01	0.02	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00
OAK ORCHARD____HYD 24046	32.97	28.21	26.98	26.22	27.08	30.15	37.81	39.96	41.80	38.03	36.99	35.96	35.37	34.84	34.48	34.79	37.55	38.07	41.70	44.22	45.42	37.67	33.95	32.35
	-0.33	-1.11	-1.01	-0.95	-0.95	-0.90	-1.21	-1.79	-2.20	-2.60	-1.95	-1.85	-1.86	-1.79	-1.78	-1.83	-2.27	-2.26	-1.96	-1.70	-1.79	-1.49	-1.30	-1.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00

OAKDALE___35_KV_LOAD 356122	33.53 0.23 0.00	29.27 -0.06 0.00	27.96 -0.03 0.00	27.15 -0.03 0.00	28.04 0.00 0.00	31.14 0.09 0.00	39.17 0.16 0.00	41.67 -0.08 0.00	43.83 -0.18 0.01	40.55 -0.08 0.00	38.74 -0.19 0.01	37.59 -0.23 0.00	37.00 -0.22 0.00	36.41 -0.22 0.00	36.11 -0.15 0.01	36.36 -0.26 0.00	39.54 -0.28 0.01	40.05 -0.28 0.01	43.49 -0.17 0.00	45.97 0.05 0.00	47.22 0.00 0.00	39.15 0.00 0.00	35.21 -0.04 0.00	33.49 -0.07 0.00
OCC_CHEM___DRP 24175	32.00 -1.30 0.00	26.98 -2.35 0.00	25.86 -2.13 0.00	25.14 -2.04 0.00	25.99 -2.05 0.00	28.84 -2.20 0.00	36.05 -2.97 0.00	37.58 -4.18 0.00	39.11 -4.89 0.02	35.60 -5.00 0.04	34.65 -4.28 0.02	33.65 -4.16 0.00	33.13 -4.09 0.00	32.67 -3.96 0.01	32.41 -3.84 0.02	32.63 -3.99 0.00	34.95 -4.86 0.02	35.49 -4.84 0.02	39.08 -4.58 0.00	41.74 -4.18 0.00	42.54 -4.67 0.00	35.59 -3.56 0.00	32.18 -3.07 0.00	30.54 -3.02 0.00
OH_GEN_PROXY 24063	32.10 -1.20 0.00	27.16 -2.17 0.00	26.05 -1.93 0.00	25.33 -1.85 0.00	26.16 -1.88 0.00	29.06 -1.99 0.00	36.36 -2.65 0.00	38.00 -3.76 0.00	39.51 -4.49 0.02	36.05 -4.55 0.03	35.00 -3.93 0.02	34.07 -3.74 0.00	33.47 -3.76 0.00	33.00 -3.63 0.01	32.73 -3.52 0.02	32.96 -3.66 0.00	35.47 -4.34 0.02	35.93 -4.40 0.02	39.51 -4.15 0.00	42.16 -3.76 0.00	43.15 -4.06 0.00	35.94 -3.21 0.00	32.46 -2.79 0.00	31.07 -2.48 0.00
OLIN_CORP_DRP 24177	31.94 -1.37 0.00	26.89 -2.43 0.00	25.77 -2.21 0.00	25.06 -2.12 0.00	25.91 -2.13 0.00	28.78 -2.27 0.00	35.97 -3.04 0.00	37.50 -4.26 0.00	39.02 -4.97 0.02	35.60 -5.00 0.04	34.57 -4.36 0.02	33.54 -4.27 0.00	33.02 -4.21 0.00	32.56 -4.07 0.01	32.33 -3.92 0.02	32.52 -4.10 0.00	34.91 -4.90 0.02	35.40 -4.92 0.02	38.95 -4.72 0.00	41.65 -4.27 0.00	42.49 -4.72 0.00	35.55 -3.60 0.00	32.11 -3.14 0.00	30.47 -3.09 0.00
OLIN_CORP_DSASP 323712	32.00 -1.30 0.00	26.98 -2.35 0.00	25.86 -2.13 0.00	25.14 -2.04 0.00	25.99 -2.05 0.00	28.84 -2.20 0.00	36.05 -2.97 0.00	37.62 -4.13 0.00	39.11 -4.89 0.02	35.60 -5.00 0.04	34.65 -4.28 0.02	33.77 -4.05 0.00	33.13 -4.09 0.00	32.67 -3.96 0.01	32.44 -3.81 0.02	32.66 -3.96 0.00	35.07 -4.74 0.02	35.48 -4.84 0.02	39.08 -4.58 0.00	41.74 -4.18 0.00	42.68 -4.53 0.00	35.59 -3.56 0.00	32.18 -3.07 0.00	30.84 -2.72 0.00
ONEIDA_HERK_LFGE 323681	33.60 0.30 0.00	29.59 0.26 0.00	28.21 0.22 0.00	27.42 0.24 0.00	28.38 0.34 0.00	31.54 0.50 0.00	39.64 0.62 0.00	42.34 0.58 0.00	44.63 0.62 0.00	41.00 0.36 0.00	39.38 0.43 0.00	38.11 0.30 0.00	37.49 0.26 0.00	36.89 0.26 0.00	36.45 0.18 0.00	36.77 0.15 0.00	40.11 0.28 0.00	40.63 0.28 0.00	44.14 0.48 0.00	46.48 0.55 0.00	47.83 0.61 0.00	39.62 0.47 0.00	35.71 0.46 0.00	33.79 0.24 0.00
ONEIDA___115KV_TB4 55905	33.97 0.67 0.00	29.85 0.53 0.00	28.46 0.48 0.00	27.69 0.52 0.00	28.63 0.59 0.00	31.82 0.78 0.00	40.03 1.01 0.00	42.72 0.96 0.00	44.98 0.97 0.00	41.37 0.73 0.00	39.69 0.74 0.00	38.46 0.64 0.00	37.82 0.60 0.00	37.22 0.59 0.00	36.88 0.62 0.00	37.20 0.59 0.00	40.55 0.72 0.00	41.07 0.73 0.00	44.62 0.96 0.00	47.07 1.15 0.00	48.35 1.13 0.00	40.05 0.90 0.00	36.03 0.78 0.00	34.16 0.60 0.00
ONONDAGA_REF_OCCRA 23987	33.20 -0.10 0.00	29.09 -0.23 0.00	27.76 -0.22 0.00	26.96 -0.22 0.00	27.84 -0.20 0.00	30.92 -0.12 0.00	38.94 -0.08 0.00	41.51 -0.25 0.00	43.67 -0.35 -0.01	40.19 -0.45 0.00	38.56 -0.39 -0.01	37.40 -0.42 0.00	36.82 -0.41 0.00	36.27 -0.37 0.00	35.91 -0.36 -0.01	36.22 -0.40 0.00	39.40 -0.44 -0.01	39.95 -0.40 -0.01	43.36 -0.31 0.00	45.69 -0.23 0.00	46.93 -0.28 0.00	38.88 -0.27 0.00	34.97 -0.28 0.00	33.25 -0.30 0.00
ONONDAGA___COGEN 23986	33.10 -0.20 0.00	29.03 -0.29 0.00	27.70 -0.28 0.00	26.93 -0.24 0.00	27.79 -0.25 0.00	30.86 -0.19 0.00	38.90 -0.12 0.00	41.42 -0.33 0.00	43.57 -0.44 0.00	40.11 -0.53 0.00	38.52 -0.43 0.00	37.36 -0.45 0.00	36.78 -0.45 0.00	36.23 -0.40 0.00	35.87 -0.40 0.00	36.18 -0.44 0.00	39.31 -0.52 0.00	39.86 -0.48 0.00	43.23 -0.44 0.00	45.56 -0.37 0.00	46.79 -0.42 0.00	38.76 -0.39 0.00	34.86 -0.39 0.00	33.15 -0.40 0.00
ONTARIO___LFGE 23819	33.47 0.17 0.00	28.89 -0.44 0.00	27.62 -0.36 0.00	26.85 -0.32 0.00	27.73 -0.31 0.00	30.92 -0.12 0.00	39.02 0.00 0.00	41.34 -0.42 0.00	43.25 -0.75 0.02	39.69 -0.98 -0.03	38.07 -0.86 0.02	36.94 -0.87 0.00	36.33 -0.89 0.00	35.85 -0.77 0.01	35.48 -0.76 0.02	35.81 -0.81 0.00	38.85 -0.96 0.02	39.43 -0.89 0.02	43.09 -0.57 0.00	45.74 -0.18 0.00	46.93 -0.28 0.00	38.88 -0.27 0.00	34.90 -0.35 0.00	33.15 -0.40 0.00
ORANGEVILLE_WT_PWR 323706	32.94 -0.37 0.00	27.89 -1.44 0.00	26.70 -1.29 0.00	25.95 -1.22 0.00	26.83 -1.20 0.00	29.84 -1.21 0.00	37.38 -1.64 0.00	39.08 -2.67 0.00	40.60 -3.39 0.02	37.27 -3.21 0.15	35.77 -3.15 0.02	34.83 -2.99 0.00	34.21 -3.01 0.00	33.66 -2.97 0.01	33.41 -2.83 0.03	33.69 -2.93 0.00	36.34 -3.47 0.03	36.89 -3.43 0.03	40.56 -3.10 0.00	43.49 -2.44 0.00	44.62 -2.60 0.00	37.12 -2.04 0.00	33.45 -1.80 0.00	31.88 -1.68 0.00
ORANGEVILLE___ESR 323794	32.94 -0.37 0.00	27.89 -1.44 0.00	26.70 -1.29 0.00	25.95 -1.22 0.00	26.83 -1.20 0.00	29.84 -1.21 0.00	37.38 -1.64 0.00	39.08 -2.67 0.00	40.60 -3.39 0.02	37.27 -3.21 0.15	35.77 -3.15 0.02	34.83 -2.99 0.00	34.21 -3.01 0.00	33.66 -2.97 0.01	33.41 -2.83 0.03	33.69 -2.93 0.00	36.34 -3.47 0.03	36.89 -3.43 0.03	40.56 -3.10 0.00	43.49 -2.44 0.00	44.62 -2.60 0.00	37.12 -2.04 0.00	33.45 -1.80 0.00	31.88 -1.68 0.00
OSWEGATCHIE___HYD 24044	32.27 -1.03 0.00	28.48 -0.85 0.00	27.15 -0.84 0.00	26.36 -0.81 0.00	27.22 -0.81 0.00	30.30 -0.75 0.00	38.12 -0.90 0.00	40.80 -0.96 0.00	42.87 -1.14 0.00	39.33 -1.30 0.00	37.70 -1.25 0.00	36.57 -1.25 0.00	35.96 -1.27 0.00	35.43 -1.21 0.00	34.93 -1.34 0.00	35.23 -1.39 0.00	38.40 -1.43 0.00	38.97 -1.37 0.00	42.44 -1.22 0.00	44.50 -1.42 0.00	45.89 -1.32 0.00	38.21 -0.94 0.00	34.40 -0.85 0.00	32.48 -1.08 0.00
OSWEGO___5 23606	32.64 -0.67 0.00	28.62 -0.70 0.00	27.31 -0.67 0.00	26.55 -0.62 0.00	27.39 -0.64 0.00	30.40 -0.65 0.00	38.24 -0.78 0.00	40.67 -1.09 0.00	42.83 -1.19 0.00	39.42 -1.22 0.00	37.86 -1.09 0.00	36.75 -1.06 0.00	36.18 -1.04 0.00	35.61 -1.03 0.00	35.25 -1.02 0.00	35.59 -1.03 0.00	38.67 -1.16 0.00	39.17 -1.17 0.00	42.49 -1.18 0.00	44.73 -1.19 0.00	45.99 -1.23 0.00	38.14 -1.02 0.00	34.30 -0.95 0.00	32.72 -0.84 0.00
OSWEGO___6 23613	32.64 -0.67 0.00	28.62 -0.70 0.00	27.31 -0.67 0.00	26.55 -0.62 0.00	27.39 -0.64 0.00	30.40 -0.65 0.00	38.24 -0.78 0.00	40.67 -1.09 0.00	42.83 -1.19 0.00	39.42 -1.22 0.00	37.86 -1.09 0.00	36.75 -1.06 0.00	36.18 -1.04 0.00	35.61 -1.03 0.00	35.25 -1.02 0.00	35.59 -1.03 0.00	38.67 -1.16 0.00	39.17 -1.17 0.00	42.49 -1.18 0.00	44.73 -1.19 0.00	45.99 -1.23 0.00	38.14 -1.02 0.00	34.30 -0.95 0.00	32.72 -0.84 0.00

OUTOKUMPU-AB___DRP 24206	32.83 -0.47 0.00	27.51 -1.82 0.00	26.39 -1.60 0.00	25.65 -1.52 0.00	26.52 -1.51 0.00	29.43 -1.61 0.00	36.79 -2.22 0.00	38.42 -3.34 0.00	39.99 -4.01 0.02	36.69 -3.90 0.04	35.46 -3.47 0.02	34.41 -3.40 0.00	33.88 -3.35 0.00	33.40 -3.22 0.01	33.13 -3.12 0.02	33.36 -3.26 0.00	35.79 -4.02 0.02	36.29 -4.03 0.02	39.91 -3.76 0.00	42.71 -3.21 0.00	43.53 -3.68 0.00	36.45 -2.70 0.00	32.92 -2.33 0.00	31.17 -2.38 0.00
OXBOW___BTM 323836	32.47 -0.83 0.00	27.27 -2.05 0.00	26.17 -1.82 0.00	25.44 -1.74 0.00	26.30 -1.74 0.00	29.19 -1.86 0.00	36.48 -2.54 0.00	38.08 -3.68 0.00	39.64 -4.36 0.02	36.21 -4.39 0.04	35.15 -3.78 0.02	34.18 -3.63 0.00	33.58 -3.65 0.00	33.11 -3.52 0.01	32.84 -3.41 0.02	33.07 -3.55 0.00	35.51 -4.30 0.02	35.97 -4.36 0.02	39.56 -4.11 0.00	42.29 -3.63 0.00	43.25 -3.97 0.00	36.10 -3.05 0.00	32.61 -2.64 0.00	31.21 -2.35 0.00
OXBOW___ 24026	32.47 -0.83 0.00	27.27 -2.05 0.00	26.17 -1.82 0.00	25.44 -1.74 0.00	26.30 -1.74 0.00	29.19 -1.86 0.00	36.48 -2.54 0.00	38.04 -3.72 0.00	39.59 -4.40 0.02	36.21 -4.39 0.04	35.15 -3.78 0.02	34.07 -3.74 0.00	33.58 -3.65 0.00	33.11 -3.52 0.01	32.84 -3.41 0.02	33.03 -3.59 0.00	35.43 -4.38 0.02	35.97 -4.36 0.02	39.56 -4.10 0.00	42.29 -3.63 0.00	43.11 -4.11 0.00	36.10 -3.05 0.00	32.61 -2.64 0.00	30.90 -2.65 0.00
OXY_CHEM_DSASP 323612	32.00 -1.30 0.00	26.98 -2.35 0.00	25.86 -2.13 0.00	25.14 -2.04 0.00	25.99 -2.05 0.00	28.84 -2.20 0.00	36.05 -2.97 0.00	37.58 -4.18 0.00	39.11 -4.89 0.02	35.60 -5.00 0.04	34.65 -4.28 0.02	33.65 -4.16 0.00	33.13 -4.09 0.00	32.67 -3.96 0.01	32.41 -3.84 0.02	32.63 -3.99 0.00	34.95 -4.86 0.02	35.49 -4.84 0.02	39.08 -4.58 0.00	41.74 -4.18 0.00	42.54 -4.67 0.00	35.59 -3.56 0.00	32.18 -3.07 0.00	30.54 -3.02 0.00
OZONE_PARK_ESR 323760	35.57 2.26 0.00	31.53 2.20 0.00	30.03 2.04 0.00	29.19 2.01 0.00	30.06 2.02 0.00	33.19 2.14 0.00	41.83 2.81 0.00	45.22 3.47 0.00	48.06 4.05 0.00	44.58 3.94 0.00	42.49 3.54 0.00	41.29 3.48 0.00	40.69 3.46 0.00	40.08 3.44 0.00	39.68 3.41 0.00	39.91 3.30 0.00	43.69 3.86 0.00	44.14 3.79 0.00	47.33 3.67 0.00	49.60 3.67 0.00	51.18 3.97 0.00	42.32 3.17 0.00	38.11 2.86 0.00	36.27 2.72 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	32.00 -1.30 0.00	26.98 -2.35 0.00	25.86 -2.13 0.00	25.14 -2.04 0.00	25.99 -2.05 0.00	28.84 -2.20 0.00	36.05 -2.97 0.00	37.58 -4.18 0.00	39.11 -4.89 0.02	35.60 -5.00 0.04	34.65 -4.28 0.02	33.65 -4.16 0.00	33.13 -4.09 0.00	32.67 -3.96 0.01	32.41 -3.84 0.02	32.63 -3.99 0.00	34.95 -4.86 0.02	35.49 -4.84 0.02	39.08 -4.58 0.00	41.74 -4.18 0.00	42.54 -4.67 0.00	35.59 -3.56 0.00	32.18 -3.07 0.00	30.54 -3.02 0.00
PACKARD___115KV_DUPONT_184 80571	32.00 -1.30 0.00	26.98 -2.35 0.00	25.86 -2.13 0.00	25.14 -2.04 0.00	25.99 -2.05 0.00	28.84 -2.20 0.00	36.05 -2.97 0.00	37.58 -4.18 0.00	39.11 -4.89 0.02	35.60 -5.00 0.04	34.65 -4.28 0.02	33.65 -4.16 0.00	33.13 -4.09 0.00	32.67 -3.96 0.01	32.41 -3.84 0.02	32.63 -3.99 0.00	34.95 -4.86 0.02	35.49 -4.84 0.02	39.08 -4.58 0.00	41.74 -4.18 0.00	42.54 -4.67 0.00	35.59 -3.56 0.00	32.18 -3.07 0.00	30.54 -3.02 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	35.23 1.93 0.00	31.41 2.08 0.00	29.91 1.93 0.00	29.05 1.88 0.00	29.92 1.88 0.00	32.82 1.77 0.00	41.32 2.30 0.00	44.68 2.92 0.00	47.53 3.52 0.00	44.09 3.45 0.00	42.06 3.12 0.00	40.88 3.06 0.00	40.24 3.02 0.00	39.68 3.04 0.00	39.28 3.01 0.00	39.55 2.93 0.00	43.21 3.39 0.00	43.65 3.31 0.00	46.76 3.10 0.00	48.95 3.03 0.00	50.52 3.31 0.00	41.82 2.66 0.00	37.68 2.43 0.00	35.84 2.28 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	35.43 2.13 0.00	31.61 2.29 0.00	30.11 2.13 0.00	29.24 2.07 0.00	30.11 2.07 0.00	33.04 1.99 0.00	41.55 2.54 0.00	44.93 3.17 0.00	47.80 3.79 0.00	44.29 3.66 0.00	42.22 3.27 0.00	41.10 3.29 0.00	40.39 3.16 0.00	39.79 3.15 0.00	39.39 3.12 0.00	39.62 3.00 0.00	43.33 3.50 0.00	43.77 3.43 0.00	46.89 3.23 0.00	49.14 3.21 0.00	50.71 3.49 0.00	41.97 2.82 0.00	37.86 2.61 0.00	36.00 2.45 0.00
PATROON___115KV_TB1 80586	34.10 0.80 0.00	30.15 0.82 0.00	28.74 0.76 0.00	27.94 0.76 0.00	28.82 0.79 0.00	31.76 0.71 0.00	39.84 0.82 0.00	42.84 1.09 0.00	45.20 1.19 0.00	41.89 1.26 0.00	40.15 1.21 0.00	39.02 1.21 0.00	38.38 1.15 0.00	37.81 1.17 0.00	37.43 1.16 0.00	37.75 1.14 0.00	41.14 1.31 0.00	41.47 1.13 0.00	44.80 1.14 0.00	46.98 1.06 0.00	48.35 1.13 0.00	40.17 1.02 0.00	36.24 0.99 0.00	34.49 0.94 0.00
PATTRSNVILLE___SOLAR 323815	34.60 1.30 0.00	30.56 1.23 0.00	29.13 1.15 0.00	28.32 1.14 0.00	29.24 1.20 0.00	32.29 1.24 0.00	40.58 1.56 0.00	43.55 1.79 0.00	45.90 1.89 0.00	42.42 1.79 0.00	40.54 1.60 0.00	39.36 1.55 0.00	38.72 1.49 0.00	38.10 1.47 0.00	37.75 1.49 0.00	38.16 1.54 0.00	41.62 1.79 0.00	42.16 1.82 0.00	45.63 1.97 0.00	47.94 2.02 0.00	49.34 2.13 0.00	40.87 1.72 0.00	36.84 1.59 0.00	35.03 1.47 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	32.77 -0.53 0.00	27.51 -1.82 0.00	26.39 -1.60 0.00	25.63 -1.55 0.00	26.52 -1.51 0.00	29.47 -1.58 0.00	36.91 -2.11 0.00	38.54 -3.22 0.00	40.25 -3.74 0.02	38.28 -2.32 0.04	35.70 -3.23 0.02	34.52 -3.29 0.00	33.95 -3.28 0.00	33.44 -3.19 0.01	33.27 -2.97 0.02	33.40 -3.22 0.00	36.50 -3.31 0.02	36.65 -3.67 0.02	40.08 -3.58 0.00	42.94 -2.98 0.00	43.82 -3.40 0.00	36.69 -2.47 0.00	33.06 -2.19 0.00	31.31 -2.25 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	35.17 1.86 0.00	31.17 1.85 0.00	29.72 1.74 0.00	28.89 1.71 0.00	29.78 1.74 0.00	32.91 1.86 0.00	41.36 2.34 0.00	44.68 2.92 0.00	47.49 3.48 0.00	44.01 3.37 0.00	41.95 3.00 0.00	40.72 2.91 0.00	40.13 2.90 0.00	39.53 2.89 0.00	39.17 2.90 0.00	39.36 2.75 0.00	42.98 3.15 0.00	43.49 3.15 0.00	46.72 3.06 0.00	48.95 3.03 0.00	50.57 3.35 0.00	41.89 2.74 0.00	37.75 2.50 0.00	35.90 2.35 0.00
PEEKSKILL___ 23653	35.03 1.73 0.00	31.03 1.70 0.00	29.58 1.59 0.00	28.72 1.55 0.00	29.61 1.57 0.00	32.76 1.71 0.00	41.16 2.14 0.00	44.43 2.67 0.00	47.18 3.17 0.00	43.72 3.09 0.00	41.71 2.77 0.00	40.50 2.69 0.00	39.94 2.72 0.00	39.31 2.67 0.00	38.95 2.68 0.00	39.18 2.56 0.00	42.78 2.95 0.00	43.29 2.94 0.00	46.50 2.84 0.00	48.72 2.80 0.00	50.28 3.07 0.00	41.66 2.51 0.00	37.58 2.33 0.00	35.70 2.15 0.00
PGE MADISON___WINDPWR 24146	36.47 3.17 0.00	32.02 2.70 0.00	30.50 2.52 0.00	29.76 2.58 0.00	30.93 2.89 0.00	34.68 3.63 0.00	43.70 4.68 0.00	46.56 4.80 0.00	48.98 4.93 -0.04	44.67 4.02 -0.01	43.00 4.01 -0.04	41.44 3.63 0.00	40.50 3.28 0.00	39.73 3.08 -0.02	39.64 3.33 -0.04	38.74 2.12 0.00	42.45 2.59 -0.03	42.99 2.62 -0.03	47.07 3.41 0.00	49.78 3.86 0.00	51.09 3.87 0.00	42.25 3.09 0.00	37.75 2.50 0.00	35.80 2.25 0.00

PIERCEFIELD___HYD 23852	32.27 -1.03 0.00	28.53 -0.79 0.00	27.23 -0.76 0.00	26.36 -0.82 0.00	27.17 -0.87 0.00	30.18 -0.87 0.00	38.00 -1.01 0.00	40.71 -1.04 0.00	42.82 -1.19 0.00	39.41 -1.22 0.00	37.74 -1.21 0.00	36.68 -1.13 0.00	36.11 -1.12 0.00	35.57 -1.06 0.00	35.14 -1.12 0.00	35.45 -1.17 0.00	38.55 -1.27 0.00	39.09 -1.25 0.00	42.48 -1.18 0.00	44.36 -1.56 0.00	45.80 -1.42 0.00	38.29 -0.86 0.00	34.40 -0.85 0.00	32.58 -0.97 0.00
PINELAWN_CC_1 323563	36.21 2.90 -0.01	32.06 2.73 -0.01	30.60 2.60 -0.01	29.71 2.53 -0.01	30.63 2.58 -0.01	33.85 2.80 -0.01	42.58 3.55 -0.01	45.69 3.92 -0.01	48.29 4.27 -0.01	47.45 4.06 -2.76	50.26 3.27 -8.04	49.00 3.14 -8.05	48.11 3.09 -7.80	48.32 3.08 -8.61	51.40 3.05 -12.09	53.85 2.96 -14.27	47.74 3.46 -4.45	49.89 3.47 -6.08	47.80 3.49 -0.64	54.68 3.63 -5.13	51.05 3.82 -0.01	48.58 3.13 -6.29	44.55 3.21 -6.09	36.84 3.19 -0.10
PJM_GEN_HTP_PROXY 323702	35.33 2.03 0.00	31.29 1.97 0.00	29.83 1.85 0.00	29.00 1.82 0.00	29.86 1.82 0.00	33.01 1.96 0.00	41.55 2.53 0.00	44.89 3.13 0.00	47.71 3.70 0.00	44.21 3.58 0.00	42.18 3.23 0.00	40.95 3.14 0.00	40.35 3.13 0.00	39.75 3.11 0.00	39.35 3.08 0.00	39.62 3.00 0.00	43.29 3.46 0.00	43.77 3.43 0.00	46.94 3.28 0.00	49.18 3.26 0.00	50.76 3.54 0.00	42.01 2.86 0.00	37.82 2.57 0.00	35.97 2.42 0.00
PJM_GEN_KEystone 24065	33.67 0.37 0.00	29.30 -0.03 0.00	27.98 0.00 0.00	27.20 0.03 0.00	28.09 0.06 0.00	31.14 0.09 0.00	39.10 0.08 0.00	41.63 -0.12 0.00	42.00 -0.13 1.88	40.75 0.12 0.01	38.82 -0.12 0.01	37.70 -0.11 0.00	37.11 -0.11 0.00	36.52 -0.11 0.00	36.22 -0.04 0.01	36.44 -0.18 0.00	39.70 -0.12 0.01	40.21 -0.12 0.01	43.53 -0.13 0.00	46.01 0.09 0.00	47.31 0.09 0.00	39.31 0.16 0.00	35.39 0.14 0.00	33.69 0.13 0.00
PJM_GEN_NEPTUNE_PROXY 323594	35.67 2.36 -0.01	31.62 2.29 -0.01	30.15 2.15 -0.01	29.31 2.12 -0.01	30.21 2.16 -0.01	33.39 2.33 -0.01	42.03 3.00 -0.01	45.03 3.26 -0.01	47.67 3.65 -0.01	46.41 3.45 -2.33	48.50 2.77 -6.78	47.29 2.69 -6.79	46.49 2.68 -6.58	46.54 2.64 -7.26	49.11 2.65 -10.20	51.18 2.52 -12.04	46.57 2.99 -3.75	48.42 2.94 -5.13	47.04 2.84 -0.54	53.14 2.89 -4.32	50.34 3.12 -0.01	47.00 2.54 -5.31	43.04 2.65 -5.14	36.29 2.65 -0.08
PJM_GEN_VFT_PROXY 323633	35.16 1.86 0.00	31.17 1.85 0.00	29.72 1.74 0.00	28.86 1.69 0.00	29.75 1.71 0.00	32.88 1.83 0.00	41.40 2.38 0.00	41.47 3.01 3.30	44.06 3.56 3.52	40.85 3.49 3.28	39.02 3.15 3.08	39.02 3.06 1.85	39.02 3.09 1.29	38.45 3.08 1.26	39.02 3.05 0.29	38.26 2.93 1.28	39.12 3.38 4.09	39.62 3.35 4.07	40.82 3.19 6.03	45.86 3.12 3.19	48.75 3.40 1.87	40.12 2.74 1.77	37.72 2.47 0.00	35.84 2.28 0.00
PLATSBURG_115KV_PMLD1 355749	33.93 0.63 0.00	29.94 0.62 0.00	28.57 0.59 0.00	27.64 0.46 0.00	28.46 0.42 0.00	31.58 0.53 0.00	39.84 0.82 0.00	42.72 0.96 0.00	44.94 0.92 0.00	41.45 0.81 0.00	39.69 0.74 0.00	38.53 0.72 0.00	37.97 0.74 0.00	37.26 0.62 0.00	36.77 0.51 0.00	37.20 0.59 0.00	40.43 0.60 0.00	40.99 0.65 0.00	44.45 0.79 0.00	46.70 0.78 0.00	48.25 1.04 0.00	40.09 0.94 0.00	36.03 0.78 0.00	34.16 0.60 0.00
PLEASANTVLY___LBMP 24000	34.87 1.57 0.00	30.85 1.52 0.00	29.41 1.43 0.00	28.59 1.41 0.00	29.47 1.43 0.00	32.54 1.49 0.00	40.93 1.91 0.00	44.14 2.38 0.00	46.79 2.77 0.00	43.36 2.72 0.00	41.40 2.45 0.00	40.20 2.38 0.00	39.61 2.38 0.00	38.98 2.34 0.00	38.62 2.36 0.00	38.85 2.23 0.00	42.46 2.63 0.00	42.93 2.58 0.00	46.15 2.49 0.00	48.40 2.48 0.00	49.91 2.69 0.00	41.35 2.19 0.00	37.37 2.12 0.00	35.57 2.01 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	35.20 1.90 0.00	31.17 1.85 0.00	29.72 1.74 0.00	28.86 1.68 0.00	29.75 1.71 0.00	32.88 1.83 0.00	41.36 2.34 0.00	44.68 2.92 0.00	47.45 3.43 0.00	44.01 3.37 0.00	41.99 3.04 0.00	40.76 2.95 0.00	40.17 2.94 0.00	39.57 2.93 0.00	39.17 2.90 0.00	39.40 2.78 0.00	43.10 3.27 0.00	43.53 3.19 0.00	46.76 3.10 0.00	49.00 3.08 0.00	50.57 3.35 0.00	41.89 2.74 0.00	37.68 2.43 0.00	35.87 2.32 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	35.20 1.90 0.00	31.17 1.85 0.00	29.72 1.74 0.00	28.86 1.68 0.00	29.75 1.71 0.00	32.88 1.83 0.00	41.36 2.34 0.00	44.68 2.92 0.00	47.45 3.43 0.00	44.01 3.37 0.00	41.99 3.04 0.00	40.76 2.95 0.00	40.17 2.94 0.00	39.57 2.93 0.00	39.17 2.90 0.00	39.40 2.78 0.00	43.10 3.27 0.00	43.53 3.19 0.00	46.76 3.10 0.00	49.00 3.08 0.00	50.57 3.35 0.00	41.89 2.74 0.00	37.68 2.43 0.00	35.87 2.32 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.97 1.67 0.00	30.94 1.61 0.00	29.52 1.54 0.00	28.67 1.49 0.00	29.55 1.51 0.00	32.66 1.61 0.00	41.09 2.07 0.00	44.35 2.59 0.00	47.01 2.99 0.00	43.56 2.93 0.00	41.56 2.61 0.00	40.35 2.53 0.00	39.72 2.49 0.00	39.09 2.45 0.00	38.77 2.50 0.00	38.96 2.34 0.00	42.62 2.79 0.00	43.05 2.70 0.00	46.37 2.71 0.00	48.59 2.66 0.00	50.14 2.93 0.00	41.50 2.35 0.00	37.44 2.19 0.00	35.70 2.15 0.00
POLETTI_____ 23519	35.30 2.00 0.00	31.32 1.99 0.00	29.83 1.85 0.00	29.00 1.82 0.00	29.86 1.82 0.00	32.97 1.93 0.00	41.48 2.46 0.00	44.85 3.09 0.00	47.67 3.65 0.00	44.21 3.58 0.00	42.14 3.19 0.00	40.95 3.14 0.00	40.35 3.13 0.00	39.75 3.11 0.00	39.35 3.08 0.00	39.58 2.97 0.00	43.29 3.47 0.00	43.73 3.39 0.00	46.89 3.23 0.00	49.14 3.21 0.00	50.71 3.49 0.00	41.97 2.82 0.00	37.79 2.54 0.00	35.97 2.42 0.00
POMONA___ESR 323819	35.00 1.70 0.00	30.97 1.64 0.00	29.52 1.54 0.00	28.67 1.49 0.00	29.58 1.54 0.00	32.69 1.64 0.00	41.12 2.11 0.00	44.39 2.63 0.00	47.09 3.08 0.00	43.68 3.05 0.00	41.67 2.73 0.00	40.46 2.65 0.00	39.87 2.64 0.00	39.27 2.64 0.00	38.88 2.61 0.00	39.11 2.49 0.00	42.74 2.91 0.00	43.21 2.86 0.00	46.42 2.75 0.00	48.68 2.76 0.00	50.24 3.02 0.00	41.62 2.47 0.00	37.51 2.26 0.00	35.67 2.12 0.00
PORT_JEFF_3 23555	36.51 3.20 -0.01	32.33 2.99 -0.01	30.85 2.86 -0.01	29.96 2.77 -0.01	30.88 2.83 -0.01	34.04 2.98 -0.01	42.81 3.78 -0.01	45.94 4.18 -0.01	48.51 4.49 -0.01	47.44 4.31 -2.50	49.67 3.43 -7.30	48.41 3.29 -7.31	47.58 3.28 -7.08	47.67 3.22 -7.81	50.43 3.19 -10.97	52.64 3.08 -12.95	47.49 3.62 -4.04	49.49 3.63 -5.52	47.91 3.67 -0.58	54.48 3.90 -4.65	51.28 4.06 -0.01	48.23 3.37 -5.71	44.30 3.52 -5.53	37.10 3.46 -0.09
PORT_JEFF_4 23616	36.51 3.20 -0.01	32.33 2.99 -0.01	30.85 2.86 -0.01	29.96 2.77 -0.01	30.88 2.83 -0.01	34.04 2.98 -0.01	42.81 3.78 -0.01	45.94 4.18 -0.01	48.51 4.49 -0.01	47.44 4.31 -2.50	49.67 3.43 -7.30	48.41 3.29 -7.31	47.58 3.28 -7.08	47.67 3.22 -7.81	50.43 3.19 -10.97	52.64 3.08 -12.95	47.49 3.62 -4.04	49.49 3.63 -5.52	47.91 3.67 -0.58	54.48 3.90 -4.65	51.28 4.06 -0.01	48.23 3.37 -5.71	44.30 3.52 -5.53	37.10 3.46 -0.09

PORT_JEFF_IC 23713	36.57 3.26 -0.01	32.39 3.05 -0.01	30.88 2.88 -0.01	30.01 2.83 -0.01	30.91 2.86 -0.01	34.07 3.01 -0.01	42.89 3.86 -0.01	45.98 4.22 -0.01	48.55 4.53 -0.01	47.49 4.35 -2.51	49.73 3.47 -7.32	48.51 3.37 -7.33	47.64 3.31 -7.10	47.73 3.26 -7.84	50.54 3.26 -11.01	52.72 3.11 -12.99	47.58 3.70 -4.05	49.59 3.71 -5.54	48.00 3.76 -0.58	54.58 4.00 -4.67	51.38 4.15 -0.01	48.32 3.45 -5.73	44.36 3.56 -5.55	37.17 3.52 -0.09
PPL PILGRIM_ST_GT1 24216	36.41 3.10 -0.01	32.24 2.90 -0.01	30.76 2.77 -0.01	29.88 2.69 -0.01	30.80 2.75 -0.01	34.01 2.95 -0.01	42.77 3.75 -0.01	45.90 4.13 -0.01	48.42 4.40 -0.01	47.40 4.23 -2.54	49.75 3.39 -7.41	48.53 3.29 -7.42	47.66 3.24 -7.19	47.76 3.19 -7.94	50.61 3.19 -11.15	52.85 3.08 -13.15	47.52 3.59 -4.10	49.54 3.59 -5.61	47.87 3.62 -0.59	54.46 3.81 -4.73	51.19 3.97 -0.01	48.24 3.29 -5.80	44.25 3.38 -5.62	37.03 3.39 -0.09
PPL PILGRIM_ST_GT2 24217	36.41 3.10 -0.01	32.24 2.90 -0.01	30.76 2.77 -0.01	29.88 2.69 -0.01	30.80 2.75 -0.01	34.01 2.95 -0.01	42.77 3.75 -0.01	45.90 4.13 -0.01	48.42 4.40 -0.01	47.40 4.23 -2.54	49.75 3.39 -7.41	48.53 3.29 -7.42	47.66 3.24 -7.19	47.76 3.19 -7.94	50.61 3.19 -11.15	52.85 3.08 -13.15	47.52 3.59 -4.10	49.54 3.59 -5.61	47.87 3.62 -0.59	54.46 3.81 -4.73	51.19 3.97 -0.01	48.24 3.29 -5.80	44.25 3.38 -5.62	37.03 3.39 -0.09
PPL_SHRM_GT3 24213	36.81 3.50 -0.01	32.56 3.23 -0.01	31.10 3.11 -0.01	30.20 3.02 -0.01	31.10 3.06 -0.01	34.23 3.17 -0.01	43.05 4.02 -0.01	46.24 4.47 -0.01	48.82 4.80 -0.01	47.73 4.59 -2.51	49.91 3.66 -7.30	48.57 3.44 -7.31	47.74 3.42 -7.09	47.82 3.37 -7.82	50.62 3.37 -10.98	52.80 3.22 -12.96	47.65 3.79 -4.04	49.74 3.87 -5.52	48.17 3.93 -0.58	54.80 4.22 -4.66	51.62 4.39 -0.01	48.55 3.68 -5.71	44.56 3.77 -5.54	37.30 3.66 -0.09
PPL_SHRM_GT4 24214	36.81 3.50 -0.01	32.56 3.23 -0.01	31.10 3.11 -0.01	30.20 3.02 -0.01	31.10 3.06 -0.01	34.23 3.17 -0.01	43.05 4.02 -0.01	46.24 4.47 -0.01	48.82 4.80 -0.01	47.73 4.59 -2.51	49.91 3.66 -7.30	48.57 3.44 -7.31	47.74 3.42 -7.09	47.82 3.37 -7.82	50.62 3.37 -10.98	52.80 3.22 -12.96	47.65 3.79 -4.04	49.74 3.87 -5.52	48.17 3.93 -0.58	54.80 4.22 -4.66	51.62 4.39 -0.01	48.55 3.68 -5.71	44.56 3.77 -5.54	37.30 3.66 -0.09
PROJECT___ORANGE 1 24174	33.10 -0.20 0.00	28.97 -0.35 0.00	27.68 -0.31 0.00	26.88 -0.30 0.00	27.76 -0.28 0.00	30.80 -0.25 0.00	38.82 -0.20 0.00	41.34 -0.20 0.00	43.48 -0.53 0.00	40.06 -0.57 0.00	38.44 -0.51 0.00	37.28 -0.53 0.00	36.74 -0.48 0.00	36.16 -0.48 0.00	35.83 -0.44 0.00	36.14 -0.48 0.00	39.27 -0.56 0.00	39.78 -0.56 0.00	43.18 -0.48 0.00	45.51 -0.41 0.00	46.74 -0.47 0.00	38.72 -0.43 0.00	34.83 -0.42 0.00	33.12 -0.44 0.00
PROJECT___ORANGE 2 24166	33.10 -0.20 0.00	28.97 -0.35 0.00	27.68 -0.31 0.00	26.88 -0.30 0.00	27.76 -0.28 0.00	30.80 -0.25 0.00	38.82 -0.20 0.00	41.34 -0.42 0.00	43.48 -0.53 0.00	40.06 -0.57 0.00	38.44 -0.51 0.00	37.28 -0.53 0.00	36.74 -0.48 0.00	36.16 -0.48 0.00	35.83 -0.44 0.00	36.14 -0.48 0.00	39.27 -0.56 0.00	39.78 -0.56 0.00	43.18 -0.48 0.00	45.51 -0.41 0.00	46.74 -0.47 0.00	38.72 -0.43 0.00	34.83 -0.42 0.00	33.12 -0.44 0.00
PUCKETT___SOLAR 323809	36.47 3.17 0.00	32.02 2.70 0.00	30.50 2.52 0.00	29.76 2.58 0.00	30.87 2.83 0.00	34.59 3.54 0.00	43.66 4.64 0.00	46.60 4.84 0.00	49.05 5.02 -0.02	44.82 4.19 0.00	43.02 4.05 -0.02	41.48 3.67 0.00	40.54 3.31 0.00	39.83 3.19 -0.01	39.63 3.33 -0.03	36.95 0.33 0.00	40.27 0.44 0.00	40.79 0.44 0.00	44.36 0.70 0.00	46.93 1.01 0.00	48.21 0.99 0.00	39.94 0.78 0.00	35.89 0.64 0.00	34.09 0.54 0.00
PYRITES___HYD 24023	33.00 -0.30 0.00	29.18 -0.15 0.00	27.82 -0.17 0.00	26.96 -0.22 0.00	27.79 -0.25 0.00	30.92 -0.12 0.00	38.90 -0.12 0.00	41.63 -0.13 0.00	43.62 -0.40 0.00	40.06 -0.57 0.00	38.29 -0.66 0.00	37.17 -0.64 0.00	36.59 -0.63 0.00	36.05 -0.59 0.00	35.65 -0.62 0.00	36.03 -0.59 0.00	39.23 -0.60 0.00	39.86 -0.48 0.00	43.45 -0.22 0.00	45.46 -0.46 0.00	46.98 -0.24 0.00	39.23 0.08 0.00	35.21 -0.04 0.00	33.35 -0.20 0.00
QUAKERRD_115KV_BK1 80622	32.34 -0.97 0.00	27.80 -1.52 0.00	26.58 -1.40 0.00	25.84 -1.33 0.00	26.69 -1.35 0.00	29.68 -1.37 0.00	37.26 -1.76 0.00	39.46 -2.30 0.00	41.36 -2.64 0.01	37.71 -2.93 0.00	36.60 -2.34 0.01	35.51 -2.31 0.00	34.99 -2.23 0.00	34.47 -2.16 0.00	34.12 -2.14 0.01	34.42 -2.20 0.00	37.07 -2.75 0.01	37.67 -2.66 0.01	41.17 -2.49 0.00	43.58 -2.34 0.00	44.76 -2.46 0.00	37.12 -2.04 0.00	33.45 -1.80 0.00	31.71 -1.85 0.00
QUENSBRY_115KV_TB8 356137	34.87 1.57 0.00	30.79 1.47 0.00	29.38 1.40 0.00	28.56 1.39 0.00	29.52 1.49 0.00	32.57 1.52 0.00	41.24 2.22 0.00	44.56 2.80 0.00	47.01 2.99 0.00	43.52 2.88 0.00	41.60 2.65 0.00	40.35 2.53 0.00	39.65 2.42 0.00	39.02 2.38 0.00	38.66 2.39 0.00	39.00 2.38 0.00	42.62 2.79 0.00	42.80 2.46 0.00	46.33 2.66 0.00	48.59 2.66 0.00	49.95 2.74 0.00	41.35 2.19 0.00	37.26 2.01 0.00	35.40 1.85 0.00
RAMAPO___LBMP 323565	34.90 1.60 0.00	30.88 1.55 0.00	29.44 1.46 0.00	28.62 1.44 0.00	29.50 1.46 0.00	32.63 1.58 0.00	41.01 1.99 0.00	44.22 2.46 0.00	46.92 2.90 0.00	43.52 2.88 0.00	41.52 2.57 0.00	40.35 2.53 0.00	39.72 2.49 0.00	39.13 2.49 0.00	38.73 2.47 0.00	38.96 2.34 0.00	42.58 2.75 0.00	43.05 2.70 0.00	46.28 2.62 0.00	48.54 2.62 0.00	50.10 2.88 0.00	41.50 2.35 0.00	37.40 2.15 0.00	35.57 2.01 0.00
RANKINE____ 23646	32.90 -0.40 0.00	27.66 -1.67 0.00	26.50 -1.48 0.00	25.76 -1.41 0.00	26.64 -1.40 0.00	29.59 -1.46 0.00	37.03 -1.99 0.00	38.67 -3.09 0.00	40.30 -3.70 0.02	37.37 -3.21 0.05	35.70 -3.23 0.02	34.60 -3.21 0.00	34.06 -3.16 0.00	33.55 -3.08 0.01	33.35 -2.90 0.02	33.51 -3.11 0.00	36.23 -3.58 0.02	36.61 -3.71 0.02	40.21 -3.45 0.00	43.03 -2.89 0.00	43.91 -3.31 0.00	36.76 -2.39 0.00	33.14 -2.12 0.00	31.41 -2.15 0.00
RAVENSWOOD_GT2_1 24244	35.33 2.03 0.00	31.32 1.99 0.00	29.83 1.85 0.00	29.00 1.82 0.00	29.86 1.82 0.00	33.00 1.96 0.00	41.55 2.54 0.00	44.89 3.13 0.00	47.71 3.70 0.00	44.25 3.62 0.00	42.18 3.23 0.00	40.99 3.18 0.00	40.39 3.16 0.00	39.79 3.15 0.00	39.39 3.12 0.00	39.62 3.00 0.00	43.33 3.50 0.00	43.77 3.43 0.00	46.94 3.27 0.00	49.18 3.26 0.00	50.76 3.54 0.00	42.01 2.86 0.00	37.86 2.61 0.00	36.00 2.45 0.00
RAVENSWOOD_GT2_2 24245	35.33 2.03 0.00	31.32 1.99 0.00	29.83 1.85 0.00	29.00 1.82 0.00	29.86 1.82 0.00	33.00 1.96 0.00	41.55 2.54 0.00	44.89 3.13 0.00	47.71 3.70 0.00	44.25 3.62 0.00	42.18 3.23 0.00	40.99 3.18 0.00	40.39 3.16 0.00	39.79 3.15 0.00	39.39 3.12 0.00	39.62 3.00 0.00	43.33 3.50 0.00	43.77 3.43 0.00	46.94 3.27 0.00	49.18 3.26 0.00	50.76 3.54 0.00	42.01 2.86 0.00	37.86 2.61 0.00	36.00 2.45 0.00

RAVENSWOOD_GT2_3 24246	35.33 2.03 0.00	31.32 1.99 0.00	29.86 1.87 0.00	29.00 1.82 0.00	29.89 1.85 0.00	33.00 1.96 0.00	41.55 2.54 0.00	44.89 3.13 0.00	47.71 3.70 0.00	44.25 3.62 0.00	42.22 3.27 0.00	41.03 3.21 0.00	40.39 3.16 0.00	39.79 3.15 0.00	39.39 3.12 0.00	39.66 3.04 0.00	43.37 3.54 0.00	43.81 3.47 0.00	46.98 3.32 0.00	49.23 3.31 0.00	50.76 3.54 0.00	42.05 2.90 0.00	37.86 2.61 0.00	36.00 2.45 0.00
RAVENSWOOD_GT2_4 24247	35.33 2.03 0.00	31.32 1.99 0.00	29.86 1.87 0.00	29.00 1.82 0.00	29.89 1.85 0.00	33.00 1.96 0.00	41.55 2.54 0.00	44.89 3.13 0.00	47.71 3.70 0.00	44.25 3.62 0.00	42.22 3.27 0.00	41.03 3.21 0.00	40.39 3.16 0.00	39.79 3.15 0.00	39.39 3.12 0.00	39.66 3.04 0.00	43.37 3.54 0.00	43.81 3.47 0.00	46.98 3.32 0.00	49.23 3.31 0.00	50.76 3.54 0.00	42.05 2.90 0.00	37.86 2.61 0.00	36.00 2.45 0.00
RAVENSWOOD_GT3_1 24248	35.33 2.03 0.00	31.32 1.99 0.00	29.86 1.87 0.00	29.00 1.82 0.00	29.86 1.82 0.00	33.00 1.96 0.00	41.55 2.54 0.00	44.89 3.13 0.00	47.71 3.70 0.00	44.25 3.62 0.00	42.18 3.23 0.00	40.99 3.18 0.00	40.39 3.16 0.00	39.79 3.15 0.00	39.39 3.12 0.00	39.62 3.00 0.00	43.33 3.50 0.00	43.77 3.43 0.00	46.94 3.27 0.00	49.18 3.26 0.00	50.76 3.54 0.00	42.01 2.86 0.00	37.86 2.61 0.00	36.00 2.45 0.00
RAVENSWOOD_GT3_2 24249	35.33 2.03 0.00	31.32 1.99 0.00	29.86 1.87 0.00	29.00 1.82 0.00	29.86 1.82 0.00	33.00 1.96 0.00	41.55 2.54 0.00	44.89 3.13 0.00	47.71 3.70 0.00	44.25 3.62 0.00	42.18 3.23 0.00	40.99 3.18 0.00	40.39 3.16 0.00	39.79 3.15 0.00	39.39 3.12 0.00	39.62 3.00 0.00	43.33 3.50 0.00	43.77 3.43 0.00	46.94 3.27 0.00	49.18 3.26 0.00	50.76 3.54 0.00	42.01 2.86 0.00	37.86 2.61 0.00	36.00 2.45 0.00
RAVENSWOOD_GT3_3 24250	35.37 2.06 0.00	31.35 2.02 0.00	29.89 1.90 0.00	29.02 1.85 0.00	29.89 1.85 0.00	33.04 1.99 0.00	41.59 2.58 0.00	44.93 3.17 0.00	47.75 3.74 0.00	44.29 3.66 0.00	42.26 3.31 0.00	41.07 3.25 0.00	40.43 3.20 0.00	39.82 3.19 0.00	39.42 3.16 0.00	39.69 3.08 0.00	43.41 3.58 0.00	43.85 3.51 0.00	47.03 3.36 0.00	49.28 3.35 0.00	50.80 3.59 0.00	42.05 2.90 0.00	37.89 2.64 0.00	36.04 2.48 0.00
RAVENSWOOD_GT3_4 24251	35.37 2.06 0.00	31.35 2.02 0.00	29.89 1.90 0.00	29.02 1.85 0.00	29.89 1.85 0.00	33.04 1.99 0.00	41.59 2.58 0.00	44.93 3.17 0.00	47.75 3.74 0.00	44.29 3.66 0.00	42.26 3.31 0.00	41.07 3.25 0.00	40.43 3.20 0.00	39.82 3.19 0.00	39.42 3.16 0.00	39.69 3.08 0.00	43.41 3.58 0.00	43.85 3.51 0.00	47.03 3.36 0.00	49.28 3.35 0.00	50.80 3.59 0.00	42.05 2.90 0.00	37.89 2.64 0.00	36.04 2.48 0.00
RAVENSWOOD_GT_1 23729	35.33 2.03 0.00	31.38 2.05 0.00	29.89 1.90 0.00	29.05 1.88 0.00	29.92 1.88 0.00	32.97 1.93 0.00	41.51 2.50 0.00	44.89 3.13 0.00	47.75 3.74 0.00	44.29 3.66 0.00	42.26 3.31 0.00	41.07 3.25 0.00	40.43 3.20 0.00	39.86 3.22 0.00	39.46 3.19 0.00	39.69 3.08 0.00	43.41 3.58 0.00	43.81 3.47 0.00	46.98 3.32 0.00	49.18 3.26 0.00	50.76 3.54 0.00	42.01 2.86 0.00	37.86 2.61 0.00	36.00 2.45 0.00
RAVENSWOOD_GT_10 24258	35.33 2.03 0.00	31.32 1.99 0.00	29.83 1.85 0.00	29.00 1.82 0.00	29.86 1.82 0.00	33.00 1.96 0.00	41.55 2.54 0.00	44.89 3.13 0.00	47.71 3.70 0.00	44.25 3.62 0.00	42.18 3.23 0.00	40.99 3.18 0.00	40.39 3.16 0.00	39.79 3.15 0.00	39.39 3.12 0.00	39.62 3.00 0.00	43.33 3.50 0.00	43.77 3.43 0.00	46.94 3.27 0.00	49.18 3.26 0.00	50.76 3.54 0.00	42.01 2.86 0.00	37.86 2.61 0.00	36.00 2.45 0.00
RAVENSWOOD_GT_11 24259	35.33 2.03 0.00	31.32 1.99 0.00	29.83 1.85 0.00	29.00 1.82 0.00	29.86 1.82 0.00	33.00 1.96 0.00	41.55 2.54 0.00	44.89 3.13 0.00	47.71 3.70 0.00	44.25 3.62 0.00	42.18 3.23 0.00	40.99 3.18 0.00	40.39 3.16 0.00	39.79 3.15 0.00	39.39 3.12 0.00	39.62 3.00 0.00	43.33 3.50 0.00	43.77 3.43 0.00	46.94 3.27 0.00	49.18 3.26 0.00	50.76 3.54 0.00	42.01 2.86 0.00	37.86 2.61 0.00	36.00 2.45 0.00
RAVENSWOOD_GT_4 24252	35.33 2.03 0.00	31.29 1.96 0.00	29.83 1.85 0.00	29.00 1.82 0.00	29.86 1.82 0.00	33.00 1.96 0.00	41.55 2.54 0.00	44.89 3.13 0.00	47.71 3.70 0.00	44.25 3.62 0.00	42.18 3.23 0.00	40.99 3.18 0.00	40.39 3.16 0.00	39.75 3.11 0.00	39.39 3.12 0.00	39.62 3.00 0.00	43.33 3.50 0.00	43.77 3.43 0.00	46.94 3.27 0.00	49.18 3.26 0.00	50.76 3.54 0.00	42.01 2.86 0.00	37.82 2.57 0.00	36.00 2.45 0.00
RAVENSWOOD_GT_5 24254	35.33 2.03 0.00	31.29 1.96 0.00	29.83 1.85 0.00	29.00 1.82 0.00	29.86 1.82 0.00	33.00 1.96 0.00	41.55 2.54 0.00	44.89 3.13 0.00	47.71 3.70 0.00	44.25 3.62 0.00	42.18 3.23 0.00	40.99 3.18 0.00	40.39 3.16 0.00	39.75 3.11 0.00	39.39 3.12 0.00	39.62 3.00 0.00	43.33 3.50 0.00	43.77 3.43 0.00	46.94 3.27 0.00	49.18 3.26 0.00	50.76 3.54 0.00	42.01 2.86 0.00	37.82 2.57 0.00	36.00 2.45 0.00
RAVENSWOOD_GT_6 24253	35.33 2.03 0.00	31.29 1.96 0.00	29.83 1.85 0.00	29.00 1.82 0.00	29.86 1.82 0.00	33.00 1.96 0.00	41.55 2.54 0.00	44.89 3.13 0.00	47.71 3.70 0.00	44.25 3.62 0.00	42.18 3.23 0.00	40.99 3.18 0.00	40.39 3.16 0.00	39.75 3.11 0.00	39.39 3.12 0.00	39.62 3.00 0.00	43.33 3.50 0.00	43.77 3.43 0.00	46.94 3.27 0.00	49.18 3.26 0.00	50.76 3.54 0.00	42.01 2.86 0.00	37.82 2.57 0.00	36.00 2.45 0.00
RAVENSWOOD_GT_7 24255	35.33 2.03 0.00	31.29 1.96 0.00	29.83 1.85 0.00	29.00 1.82 0.00	29.86 1.82 0.00	33.00 1.96 0.00	41.55 2.54 0.00	44.89 3.13 0.00	47.71 3.70 0.00	44.25 3.62 0.00	42.18 3.23 0.00	40.99 3.18 0.00	40.39 3.16 0.00	39.75 3.11 0.00	39.39 3.12 0.00	39.62 3.00 0.00	43.33 3.50 0.00	43.77 3.43 0.00	46.94 3.27 0.00	49.18 3.26 0.00	50.76 3.54 0.00	42.01 2.86 0.00	37.82 2.57 0.00	36.00 2.45 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	35.33 2.03 0.00	31.32 1.99 0.00	29.83 1.85 0.00	29.00 1.82 0.00	29.86 1.82 0.00	33.00 1.96 0.00	41.55 2.54 0.00	44.89 3.13 0.00	47.71 3.70 0.00	44.25 3.62 0.00	42.18 3.23 0.00	40.99 3.18 0.00	40.39 3.16 0.00	39.79 3.15 0.00	39.39 3.12 0.00	39.62 3.00 0.00	43.33 3.50 0.00	43.77 3.43 0.00	46.94 3.27 0.00	49.18 3.26 0.00	50.76 3.54 0.00	42.01 2.86 0.00	37.86 2.61 0.00	36.00 2.45 0.00
RAVENSWOOD_GT_9 24257	35.33 2.03 0.00	31.32 1.99 0.00	29.83 1.85 0.00	29.00 1.82 0.00	29.86 1.82 0.00	33.00 1.96 0.00	41.55 2.54 0.00	44.89 3.13 0.00	47.71 3.70 0.00	44.25 3.62 0.00	42.18 3.23 0.00	40.99 3.18 0.00	40.39 3.16 0.00	39.79 3.15 0.00	39.39 3.12 0.00	39.62 3.00 0.00	43.33 3.50 0.00	43.77 3.43 0.00	46.94 3.27 0.00	49.18 3.26 0.00	50.76 3.54 0.00	42.01 2.86 0.00	37.86 2.61 0.00	36.00 2.45 0.00

RAVENSWOOD___1 23533	35.33 2.03 0.00	31.38 2.05 0.00	29.89 1.90 0.00	29.05 1.87 0.00	29.92 1.88 0.00	32.97 1.93 0.00	41.52 2.50 0.00	44.89 3.13 0.00	47.75 3.74 0.00	44.29 3.66 0.00	42.26 3.31 0.00	41.03 3.21 0.00	40.46 3.24 0.00	39.86 3.22 0.00	39.46 3.19 0.00	39.73 3.11 0.00	43.37 3.54 0.00	43.81 3.47 0.00	46.98 3.32 0.00	49.18 3.26 0.00	50.71 3.49 0.00	42.01 2.86 0.00	37.86 2.61 0.00	35.97 2.42 0.00
RAVENSWOOD___2 23534	35.33 2.03 0.00	31.38 2.05 0.00	29.89 1.90 0.00	29.05 1.87 0.00	29.92 1.88 0.00	32.97 1.93 0.00	41.52 2.50 0.00	44.89 3.13 0.00	47.75 3.74 0.00	44.29 3.66 0.00	42.26 3.31 0.00	41.03 3.21 0.00	40.46 3.24 0.00	39.86 3.22 0.00	39.46 3.19 0.00	39.73 3.11 0.00	43.37 3.54 0.00	43.81 3.47 0.00	46.98 3.32 0.00	49.18 3.26 0.00	50.71 3.49 0.00	42.01 2.86 0.00	37.86 2.61 0.00	35.97 2.42 0.00
RAVENSWOOD___3 23535	35.33 2.03 0.00	31.32 2.00 0.00	29.86 1.88 0.00	29.00 1.82 0.00	29.86 1.82 0.00	33.01 1.96 0.00	41.55 2.53 0.00	44.89 3.13 0.00	47.71 3.70 0.00	44.25 3.62 0.00	42.22 3.27 0.00	40.99 3.18 0.00	40.39 3.16 0.00	39.79 3.15 0.00	39.39 3.12 0.00	39.66 3.04 0.00	43.34 3.51 0.00	43.77 3.43 0.00	46.94 3.28 0.00	49.18 3.26 0.00	50.76 3.54 0.00	42.01 2.86 0.00	37.86 2.61 0.00	35.97 2.42 0.00
RAVENSWOOD___4 23820	35.33 2.03 0.00	31.38 2.05 0.00	29.89 1.90 0.00	29.05 1.87 0.00	29.92 1.88 0.00	32.97 1.93 0.00	41.52 2.50 0.00	44.89 3.13 0.00	47.75 3.74 0.00	44.29 3.66 0.00	42.26 3.31 0.00	41.03 3.21 0.00	40.46 3.24 0.00	39.86 3.22 0.00	39.46 3.19 0.00	39.73 3.11 0.00	43.37 3.54 0.00	43.81 3.47 0.00	46.98 3.32 0.00	49.18 3.26 0.00	50.71 3.49 0.00	42.01 2.86 0.00	37.86 2.61 0.00	35.97 2.42 0.00
RCPL_TRUST___DRP 24196	35.53 2.23 0.00	31.47 2.14 0.00	30.00 2.01 0.00	29.13 1.96 0.00	30.03 1.99 0.00	33.16 2.11 0.00	41.79 2.77 0.00	45.22 3.47 0.00	48.06 4.05 0.00	44.58 3.94 0.00	42.49 3.54 0.00	41.29 3.48 0.00	40.69 3.46 0.00	40.08 3.44 0.00	39.68 3.41 0.00	39.91 3.30 0.00	43.69 3.86 0.00	44.10 3.75 0.00	47.24 3.58 0.00	49.50 3.58 0.00	51.09 3.87 0.00	42.25 3.09 0.00	38.03 2.78 0.00	36.21 2.65 0.00
RED___ROCHESTER 323720	33.20 -0.10 0.00	28.36 -0.97 0.00	27.12 -0.87 0.00	26.36 -0.81 0.00	27.22 -0.81 0.00	30.30 -0.75 0.00	38.00 -1.01 0.00	40.21 -1.54 0.00	42.07 -1.94 0.01	38.32 -2.31 0.00	37.26 -1.67 0.01	36.23 -1.59 0.00	35.59 -1.64 0.00	35.09 -1.54 0.01	34.73 -1.52 0.01	35.04 -1.57 0.00	37.79 -2.03 0.01	38.32 -2.02 0.01	41.96 -1.70 0.00	44.50 -1.42 0.00	45.75 -1.46 0.00	37.94 -1.21 0.00	34.16 -1.09 0.00	32.51 -1.04 0.00
REGAN___SOLAR 323812	35.53 2.23 0.00	31.35 2.02 0.00	29.89 1.90 0.00	29.05 1.87 0.00	30.06 2.02 0.00	33.25 2.20 0.00	41.83 2.81 0.00	44.97 3.22 0.00	47.32 3.30 0.00	43.60 2.96 0.00	41.63 2.69 0.00	40.39 2.57 0.00	39.68 2.46 0.00	39.01 2.38 0.00	38.66 2.39 0.00	39.07 2.45 0.00	42.78 2.95 0.00	43.41 3.06 0.00	47.11 3.45 0.00	49.51 3.58 0.00	50.94 3.73 0.00	42.17 3.02 0.00	37.93 2.68 0.00	36.00 2.45 0.00
RENSSELAER___COGEN 23796	33.97 0.67 0.00	30.03 0.70 0.00	28.65 0.67 0.00	27.83 0.65 0.00	28.71 0.67 0.00	31.67 0.62 0.00	39.68 0.66 0.00	42.68 0.92 0.00	44.98 0.97 0.00	41.65 1.02 0.00	39.96 1.01 0.00	38.79 0.98 0.00	38.19 0.97 0.00	37.59 0.95 0.00	37.25 0.98 0.00	37.53 0.92 0.00	40.91 1.08 0.00	41.27 0.93 0.00	44.58 0.92 0.00	46.75 0.83 0.00	48.11 0.89 0.00	39.98 0.82 0.00	36.09 0.84 0.00	34.33 0.77 0.00
REPUBLIC_115KV_BARTNBRK 55605	35.67 2.36 0.00	31.50 2.17 0.00	30.05 2.07 0.00	29.21 2.04 0.00	30.22 2.19 0.00	33.38 2.33 0.00	42.30 3.28 0.00	45.73 3.97 0.00	48.19 4.18 0.00	44.49 3.86 0.00	42.45 3.51 0.00	41.22 3.40 0.00	40.46 3.24 0.00	39.75 3.11 0.00	39.49 3.23 0.00	39.80 3.19 0.00	43.57 3.74 0.00	43.85 3.51 0.00	47.64 3.97 0.00	49.92 4.00 0.00	51.32 4.11 0.00	42.44 3.29 0.00	38.21 2.96 0.00	36.27 2.72 0.00
REVERE_CPPR_DRP 24186	34.13 0.83 0.00	30.00 0.67 0.00	28.60 0.62 0.00	27.83 0.65 0.00	28.80 0.76 0.00	32.04 0.99 0.00	40.27 1.25 0.00	43.01 1.25 0.00	45.29 1.28 0.00	41.61 0.98 0.00	40.00 1.05 0.00	38.68 0.87 0.00	38.04 0.82 0.00	37.44 0.81 0.00	37.10 0.83 0.00	37.39 0.77 0.00	40.79 0.96 0.00	41.31 0.97 0.00	44.93 1.27 0.00	47.35 1.42 0.00	48.68 1.46 0.00	40.33 1.17 0.00	36.24 0.99 0.00	34.33 0.77 0.00
REYNLDPA_13_KV_LD 356490	33.43 0.13 0.00	29.50 0.18 0.00	28.15 0.17 0.00	27.26 0.08 0.00	28.04 0.00 0.00	31.08 0.03 0.00	39.13 0.12 0.00	41.93 0.17 0.00	44.14 0.13 0.00	40.76 0.12 0.00	39.06 0.12 0.00	38.00 0.19 0.00	37.45 0.22 0.00	36.78 0.15 0.00	36.34 0.07 0.00	36.76 0.15 0.00	39.67 -0.16 0.00	40.18 -0.16 0.00	43.53 -0.13 0.00	45.65 -0.28 0.00	47.17 -0.05 0.00	39.19 0.04 0.00	35.21 -0.04 0.00	33.49 -0.07 0.00
REYNOLDS_115KV_TB3 80639	34.27 0.97 0.00	30.29 0.97 0.00	28.88 0.90 0.00	28.07 0.90 0.00	28.96 0.93 0.00	31.89 0.84 0.00	39.99 0.98 0.00	43.01 1.25 0.00	45.33 1.32 0.00	42.06 1.42 0.00	40.27 1.32 0.00	39.10 1.29 0.00	38.49 1.27 0.00	37.92 1.28 0.00	37.54 1.27 0.00	37.83 1.21 0.00	41.26 1.43 0.00	41.63 1.29 0.00	44.93 1.27 0.00	47.16 1.24 0.00	48.54 1.32 0.00	40.29 1.14 0.00	36.38 1.13 0.00	34.63 1.07 0.00
RIVERBAY____ 323610	35.43 2.13 0.00	31.61 2.29 0.00	30.11 2.13 0.00	29.24 2.07 0.00	30.11 2.07 0.00	33.04 1.99 0.00	41.55 2.54 0.00	44.93 3.17 0.00	47.80 3.79 0.00	44.29 3.66 0.00	42.22 3.27 0.00	41.10 3.29 0.00	40.39 3.16 0.00	39.79 3.15 0.00	39.39 3.12 0.00	39.62 3.00 0.00	43.33 3.50 0.00	43.77 3.43 0.00	46.89 3.23 0.00	49.14 3.21 0.00	50.71 3.49 0.00	41.97 2.82 0.00	37.86 2.61 0.00	36.00 2.45 0.00
RIVERSDE_115KV_TB3 55908	34.13 0.83 0.00	30.18 0.85 0.00	28.80 0.81 0.00	27.96 0.79 0.00	28.85 0.81 0.00	31.79 0.75 0.00	39.84 0.82 0.00	42.89 1.13 0.00	45.20 1.19 0.00	41.89 1.26 0.00	40.15 1.21 0.00	38.99 1.17 0.00	38.38 1.15 0.00	37.77 1.14 0.00	37.43 1.16 0.00	37.72 1.10 0.00	41.10 1.27 0.00	41.51 1.17 0.00	44.80 1.14 0.00	46.98 1.06 0.00	48.35 1.13 0.00	40.17 1.02 0.00	36.24 0.99 0.00	34.53 0.97 0.00
ROARING___BROOK_WT_PWR 323790	33.00 -0.30 0.00	29.09 -0.24 0.00	27.79 -0.19 0.00	26.96 -0.22 0.00	27.79 -0.25 0.00	30.77 -0.28 0.00	38.70 -0.31 0.00	41.42 -0.34 0.00	43.66 -0.35 0.00	40.31 -0.33 0.00	38.63 -0.31 0.00	37.51 -0.30 0.00	36.93 -0.30 0.00	36.27 -0.37 0.00	35.87 -0.40 0.00	36.22 -0.40 0.00	39.39 -0.44 0.00	39.90 -0.44 0.00	43.23 -0.44 0.00	45.42 -0.50 0.00	46.79 -0.43 0.00	38.84 -0.31 0.00	34.97 -0.28 0.00	33.29 -0.27 0.00

ROCHESRG_115KV_T4 355643	32.87 -0.43 0.00	28.12 -1.20 0.00	26.92 -1.06 0.00	26.17 -1.01 0.00	27.03 -1.01 0.00	30.06 -0.99 0.00	37.69 -1.33 0.00	39.80 -1.96 0.00	41.63 -2.38 0.01	37.90 -2.72 0.01	36.87 -2.06 0.01	35.77 -2.04 0.00	35.25 -1.97 0.00	34.72 -1.91 0.01	34.37 -1.89 0.01	34.68 -1.94 0.00	37.31 -2.51 0.01	37.95 -2.38 0.01	41.52 -2.14 0.00	44.04 -1.88 0.00	45.18 -2.03 0.00	37.51 -1.64 0.00	33.80 -1.45 0.00	32.05 -1.51 0.00
ROCHESTER_9_IC 23652	33.03 -0.27 0.00	28.24 -1.09 0.00	27.03 -0.95 0.00	26.28 -0.90 0.00	27.14 -0.90 0.00	30.21 -0.84 0.00	37.85 -1.17 0.00	40.00 -1.75 0.00	41.85 -2.16 0.01	38.11 -2.52 0.00	37.07 -1.87 0.01	35.96 -1.85 0.00	35.44 -1.79 0.00	34.91 -1.72 0.01	34.55 -1.70 0.01	34.86 -1.76 0.00	37.51 -2.31 0.01	38.11 -2.22 0.01	41.74 -1.92 0.00	44.27 -1.65 0.00	45.47 -1.75 0.00	37.74 -1.41 0.00	33.98 -1.27 0.00	32.21 -1.34 0.00
ROCKVIEW_13_KV_LD 356306	35.37 2.06 0.00	31.29 1.96 0.00	29.83 1.85 0.00	28.97 1.79 0.00	29.86 1.82 0.00	33.00 1.96 0.00	41.51 2.50 0.00	44.89 3.13 0.00	47.67 3.65 0.00	44.21 3.58 0.00	42.18 3.23 0.00	40.95 3.14 0.00	40.35 3.13 0.00	39.75 3.11 0.00	39.35 3.08 0.00	39.58 2.97 0.00	43.33 3.50 0.00	43.77 3.43 0.00	46.98 3.32 0.00	49.23 3.31 0.00	50.80 3.59 0.00	42.09 2.94 0.00	37.89 2.64 0.00	36.04 2.48 0.00
ROME____115KV_TB2 80656	34.13 0.83 0.00	30.00 0.67 0.00	28.60 0.62 0.00	27.83 0.65 0.00	28.80 0.76 0.00	32.04 0.99 0.00	40.27 1.25 0.00	43.01 1.25 0.00	45.29 1.28 0.00	41.61 0.98 0.00	40.00 1.05 0.00	38.68 0.87 0.00	38.04 0.82 0.00	37.44 0.81 0.00	37.10 0.83 0.00	37.39 0.77 0.00	40.79 0.96 0.00	41.31 0.97 0.00	44.93 1.27 0.00	47.35 1.42 0.00	48.68 1.46 0.00	40.33 1.17 0.00	36.24 0.99 0.00	34.33 0.77 0.00
ROSETON___1 23587	34.80 1.50 0.00	30.79 1.47 0.00	29.35 1.37 0.00	28.51 1.33 0.00	29.41 1.37 0.00	32.51 1.46 0.00	40.85 1.83 0.00	44.05 2.30 0.00	46.70 2.69 0.00	43.27 2.64 0.00	41.28 2.34 0.00	40.12 2.31 0.00	39.50 2.27 0.00	38.91 2.27 0.00	38.52 2.25 0.00	38.78 2.16 0.00	42.34 2.51 0.00	42.80 2.46 0.00	46.06 2.40 0.00	48.31 2.39 0.00	49.81 2.60 0.00	41.27 2.11 0.00	37.29 2.04 0.00	35.47 1.91 0.00
ROSETON___2 23588	34.80 1.50 0.00	30.79 1.47 0.00	29.35 1.37 0.00	28.51 1.33 0.00	29.41 1.37 0.00	32.51 1.46 0.00	40.85 1.83 0.00	44.05 2.30 0.00	46.70 2.69 0.00	43.27 2.64 0.00	41.28 2.34 0.00	40.12 2.31 0.00	39.50 2.27 0.00	38.91 2.27 0.00	38.52 2.25 0.00	38.78 2.16 0.00	42.34 2.51 0.00	42.80 2.46 0.00	46.06 2.40 0.00	48.31 2.39 0.00	49.81 2.60 0.00	41.27 2.11 0.00	37.29 2.04 0.00	35.47 1.91 0.00
ROTTTRDAM_115KV_TB3 80664	34.33 1.03 0.00	30.29 0.97 0.00	28.91 0.92 0.00	28.07 0.90 0.00	28.99 0.95 0.00	32.01 0.96 0.00	40.19 1.17 0.00	43.18 1.42 0.00	45.55 1.54 0.00	42.14 1.50 0.00	40.31 1.36 0.00	39.14 1.32 0.00	38.49 1.27 0.00	37.88 1.25 0.00	37.54 1.27 0.00	37.94 1.32 0.00	41.38 1.55 0.00	41.84 1.49 0.00	45.19 1.53 0.00	47.48 1.56 0.00	48.87 1.65 0.00	40.48 1.33 0.00	36.52 1.27 0.00	34.76 1.21 0.00
RUSSELL___1 23602	33.20 -0.10 0.00	28.36 -0.97 0.00	27.12 -0.87 0.00	26.36 -0.82 0.00	27.22 -0.81 0.00	30.30 -0.75 0.00	38.00 -1.01 0.00	40.17 -1.59 0.00	42.07 -1.94 0.01	38.32 -2.32 0.00	37.26 -1.67 0.01	36.15 -1.66 0.00	35.63 -1.60 0.00	35.09 -1.54 0.01	34.73 -1.52 0.01	35.04 -1.57 0.00	37.67 -2.15 0.01	38.31 -2.02 0.01	41.96 -1.70 0.00	44.50 -1.42 0.00	45.70 -1.51 0.00	37.94 -1.21 0.00	34.16 -1.09 0.00	32.35 -1.21 0.00
RUSSELL___2 23532	33.20 -0.10 0.00	28.36 -0.97 0.00	27.12 -0.87 0.00	26.36 -0.82 0.00	27.22 -0.81 0.00	30.30 -0.75 0.00	38.00 -1.01 0.00	40.17 -1.59 0.00	42.07 -1.94 0.01	38.32 -2.32 0.00	37.26 -1.67 0.01	36.15 -1.66 0.00	35.63 -1.60 0.00	35.09 -1.54 0.01	34.73 -1.52 0.01	35.04 -1.57 0.00	37.67 -2.15 0.01	38.31 -2.02 0.01	41.96 -1.70 0.00	44.50 -1.42 0.00	45.70 -1.51 0.00	37.94 -1.21 0.00	34.16 -1.09 0.00	32.35 -1.21 0.00
RUSSELL___3 23549	33.20 -0.10 0.00	28.36 -0.97 0.00	27.12 -0.87 0.00	26.36 -0.82 0.00	27.22 -0.81 0.00	30.30 -0.75 0.00	38.00 -1.01 0.00	40.17 -1.59 0.00	42.07 -1.94 0.01	38.32 -2.32 0.00	37.26 -1.67 0.01	36.15 -1.66 0.00	35.63 -1.60 0.00	35.09 -1.54 0.01	34.73 -1.52 0.01	35.04 -1.57 0.00	37.67 -2.15 0.01	38.31 -2.02 0.01	41.96 -1.70 0.00	44.50 -1.42 0.00	45.70 -1.51 0.00	37.94 -1.21 0.00	34.16 -1.09 0.00	32.35 -1.21 0.00
RUSSELL___4 23556	33.20 -0.10 0.00	28.36 -0.97 0.00	27.12 -0.87 0.00	26.36 -0.82 0.00	27.22 -0.81 0.00	30.30 -0.75 0.00	38.00 -1.01 0.00	40.17 -1.59 0.00	42.07 -1.94 0.01	38.32 -2.32 0.00	37.26 -1.67 0.01	36.15 -1.66 0.00	35.63 -1.60 0.00	35.09 -1.54 0.01	34.73 -1.52 0.01	35.04 -1.57 0.00	37.67 -2.15 0.01	38.31 -2.02 0.01	41.96 -1.70 0.00	44.50 -1.42 0.00	45.70 -1.51 0.00	37.94 -1.21 0.00	34.16 -1.09 0.00	32.35 -1.21 0.00
RUSSELL___STATION 23914	33.20 -0.10 0.00	28.36 -0.97 0.00	27.12 -0.87 0.00	26.36 -0.82 0.00	27.22 -0.81 0.00	30.30 -0.75 0.00	38.00 -1.01 0.00	40.17 -1.59 0.00	42.07 -1.94 0.01	38.32 -2.32 0.00	37.26 -1.67 0.01	36.15 -1.66 0.00	35.63 -1.60 0.00	35.09 -1.54 0.01	34.73 -1.52 0.01	35.04 -1.57 0.00	37.67 -2.15 0.01	38.31 -2.02 0.01	41.96 -1.70 0.00	44.50 -1.42 0.00	45.70 -1.51 0.00	37.94 -1.21 0.00	34.16 -1.09 0.00	32.35 -1.21 0.00
S SALMON___HYD 24043	32.57 -0.73 0.00	28.59 -0.73 0.00	27.29 -0.70 0.00	26.52 -0.65 0.00	27.42 -0.62 0.00	30.49 -0.56 0.00	38.39 -0.63 0.00	40.88 -0.88 0.00	42.96 -1.06 0.00	39.42 -1.22 0.00	37.82 -1.13 0.00	36.68 -1.13 0.00	36.07 -1.15 0.00	35.50 -1.14 0.00	35.14 -1.12 0.00	35.48 -1.14 0.00	38.64 -1.19 0.00	39.21 -1.13 0.00	42.66 -1.00 0.00	45.00 -0.92 0.00	46.27 -0.94 0.00	38.33 -0.82 0.00	34.44 -0.81 0.00	32.72 -0.84 0.00
S.PERRY___115KV_TB1 80734	34.10 0.80 0.00	28.97 -0.35 0.00	27.73 -0.25 0.00	26.96 -0.22 0.00	27.84 -0.20 0.00	31.11 0.06 0.00	39.10 0.08 0.00	41.17 -0.58 0.00	42.67 -1.32 0.03	39.01 -1.79 -0.16	37.32 -1.60 0.03	36.22 -1.59 0.00	35.63 -1.60 0.00	35.05 -1.58 0.01	34.68 -1.56 0.03	35.08 -1.54 0.00	37.97 -1.83 0.03	38.78 -1.53 0.03	42.75 -0.92 0.00	45.74 -0.18 0.00	47.03 -0.19 0.00	39.00 -0.16 0.00	35.00 -0.25 0.00	33.05 -0.50 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.60 -0.70 0.00	27.45 -1.88 0.00	26.30 -1.68 0.00	25.57 -1.60 0.00	26.44 -1.60 0.00	29.37 -1.68 0.00	36.72 -2.30 0.00	38.33 -3.42 0.00	39.95 -4.05 0.02	36.69 -3.90 0.05	35.39 -3.54 0.02	34.33 -3.48 0.00	33.80 -3.42 0.00	33.29 -3.33 0.01	33.06 -3.19 0.02	33.29 -3.33 0.00	35.79 -4.02 0.02	36.29 -4.03 0.02	39.86 -3.80 0.00	42.66 -3.26 0.00	43.49 -3.73 0.00	36.37 -2.78 0.00	32.85 -2.40 0.00	31.14 -2.42 0.00

SAWYER___23_KV_LOAD 55526	32.60 -0.70 0.00	27.45 -1.88 0.00	26.30 -1.68 0.00	25.57 -1.60 0.00	26.44 -1.60 0.00	29.37 -1.68 0.00	36.72 -2.30 0.00	38.33 -3.42 0.00	39.95 -4.05 0.02	36.69 -3.90 0.05	35.39 -3.54 0.02	34.33 -3.48 0.00	33.80 -3.42 0.00	33.29 -3.33 0.01	33.06 -3.19 0.02	33.29 -3.33 0.00	35.79 -4.02 0.02	36.29 -4.03 0.02	39.86 -3.80 0.00	42.66 -3.26 0.00	43.49 -3.73 0.00	36.37 -2.78 0.00	32.85 -2.40 0.00	31.14 -2.42 0.00
SELKIRK___I 23801	34.17 0.86 0.00	30.21 0.88 0.00	28.80 0.81 0.00	27.99 0.81 0.00	28.88 0.84 0.00	31.85 0.81 0.00	39.92 0.90 0.00	42.89 1.13 0.00	45.20 1.19 0.00	41.85 1.22 0.00	40.08 1.13 0.00	38.87 1.06 0.00	38.27 1.04 0.00	37.66 1.02 0.00	37.32 1.05 0.00	37.64 1.02 0.00	41.02 1.19 0.00	41.47 1.13 0.00	44.80 1.13 0.00	47.02 1.10 0.00	48.40 1.18 0.00	40.17 1.02 0.00	36.27 1.02 0.00	34.53 0.97 0.00
SELKIRK___II 23799	34.03 0.73 0.00	30.09 0.76 0.00	28.68 0.70 0.00	27.88 0.71 0.00	28.77 0.73 0.00	31.73 0.68 0.00	39.76 0.74 0.00	42.76 1.00 0.00	45.11 1.10 0.00	41.77 1.14 0.00	40.00 1.05 0.00	38.83 1.02 0.00	38.23 1.01 0.00	37.62 0.99 0.00	37.28 1.01 0.00	37.57 0.95 0.00	40.94 1.11 0.00	41.39 1.05 0.00	44.67 1.01 0.00	46.89 0.97 0.00	48.25 1.04 0.00	40.09 0.94 0.00	36.17 0.91 0.00	34.39 0.84 0.00
SENECA OSWGO___HYD 24041	32.60 -0.70 0.00	28.59 -0.73 0.00	27.31 -0.67 0.00	26.52 -0.65 0.00	27.36 -0.67 0.00	30.40 -0.65 0.00	38.28 -0.74 0.00	40.76 -1.00 0.00	42.87 -1.14 0.00	39.45 -1.18 0.00	37.90 -1.05 0.00	36.75 -1.06 0.00	36.18 -1.04 0.00	35.65 -0.99 0.00	35.29 -0.98 0.00	35.63 -0.99 0.00	38.71 -1.11 0.00	39.26 -1.09 0.00	42.57 -1.09 0.00	44.87 -1.05 0.00	46.08 -1.13 0.00	38.18 -0.98 0.00	34.33 -0.92 0.00	32.72 -0.84 0.00
SENECA___115KV_TB3 355854	32.97 -0.33 0.00	27.68 -1.64 0.00	26.56 -1.43 0.00	25.79 -1.39 0.00	26.69 -1.35 0.00	29.62 -1.43 0.00	37.07 -1.95 0.00	38.71 -3.05 0.00	40.34 -3.65 0.02	37.46 -3.13 0.05	35.77 -3.15 0.02	34.67 -3.14 0.00	34.14 -3.09 0.00	33.62 -3.00 0.01	33.38 -2.87 0.02	33.58 -3.04 0.00	36.26 -3.54 0.02	36.69 -3.63 0.02	40.26 -3.41 0.00	43.12 -2.80 0.00	43.96 -3.26 0.00	36.80 -2.35 0.00	33.21 -2.04 0.00	31.44 -2.11 0.00
SENECA___ENERGY 23797	33.07 -0.23 0.00	28.74 -0.59 0.00	27.45 -0.53 0.00	26.66 -0.52 0.00	27.56 -0.48 0.00	30.68 -0.37 0.00	38.67 -0.35 0.00	41.09 -0.67 0.00	43.09 -0.93 0.00	39.55 -1.10 -0.01	38.01 -0.94 0.00	36.83 -0.98 0.00	36.26 -0.97 0.00	35.72 -0.91 0.00	35.36 -0.91 0.00	35.67 -0.95 0.00	38.71 -1.11 0.00	39.25 -1.09 0.00	42.79 -0.87 0.00	45.28 -0.64 0.00	46.46 -0.76 0.00	38.49 -0.67 0.00	34.58 -0.67 0.00	32.88 -0.67 0.00
SHOEMAKER___GT 23640	34.63 1.33 0.00	30.62 1.29 0.00	29.19 1.20 0.00	28.34 1.17 0.00	29.24 1.20 0.00	32.35 1.30 0.00	40.66 1.64 0.00	43.76 2.00 0.00	46.34 2.33 0.00	42.91 2.27 0.00	41.01 2.06 0.00	39.78 1.97 0.00	39.20 1.97 0.00	38.58 1.94 0.00	38.22 1.96 0.00	38.45 1.83 0.00	41.98 2.15 0.00	42.48 2.14 0.00	45.76 2.10 0.00	48.04 2.11 0.00	49.53 2.31 0.00	41.03 1.88 0.00	36.98 1.73 0.00	35.23 1.68 0.00
SHOEMAKR_138KV_BK 111 55601	34.63 1.33 0.00	30.62 1.29 0.00	29.19 1.20 0.00	28.37 1.20 0.00	29.24 1.21 0.00	32.35 1.30 0.00	40.66 1.64 0.00	43.80 2.05 0.00	46.39 2.38 0.00	42.95 2.32 0.00	41.01 2.06 0.00	39.86 2.04 0.00	39.24 2.01 0.00	38.61 1.98 0.00	38.26 1.99 0.00	38.49 1.87 0.00	42.06 2.23 0.00	42.52 2.18 0.00	45.80 2.14 0.00	48.08 2.16 0.00	49.58 2.36 0.00	41.07 1.92 0.00	37.01 1.76 0.00	35.27 1.71 0.00
SHOREHAM_IC_1 23715	36.81 3.50 -0.01	32.56 3.23 -0.01	31.10 3.11 -0.01	30.20 3.02 -0.01	31.10 3.06 -0.01	34.23 3.17 -0.01	43.05 4.02 -0.01	46.24 4.47 -0.01	48.82 4.80 -0.01	47.73 4.59 -2.51	49.91 3.66 -7.30	48.57 3.44 -7.31	47.74 3.42 -7.09	47.82 3.37 -7.82	50.62 3.37 -10.98	52.80 3.22 -12.96	47.65 3.79 -4.04	49.74 3.87 -5.52	48.17 3.93 -0.58	54.80 4.22 -4.66	51.62 4.39 -0.01	48.55 3.68 -5.71	44.56 3.77 -5.54	37.30 3.66 -0.09
SHOREHAM_IC_2 23716	36.81 3.50 -0.01	32.59 3.26 -0.01	31.10 3.11 -0.01	30.20 3.02 -0.01	31.10 3.06 -0.01	34.22 3.17 -0.01	43.05 4.02 -0.01	46.28 4.51 -0.01	48.82 4.80 -0.01	47.73 4.59 -2.51	49.87 3.62 -7.30	48.61 3.48 -7.31	47.74 3.42 -7.09	47.83 3.37 -7.82	50.62 3.37 -10.98	52.76 3.19 -12.96	47.69 3.82 -4.04	49.74 3.87 -5.52	48.17 3.93 -0.58	54.80 4.22 -4.66	51.61 4.39 -0.01	48.55 3.68 -5.71	44.56 3.77 -5.54	37.30 3.66 -0.09
SISSONVILLE____ 23735	32.27 -1.03 0.00	28.53 -0.79 0.00	27.23 -0.76 0.00	26.36 -0.82 0.00	27.17 -0.87 0.00	30.18 -0.87 0.00	38.00 -1.01 0.00	40.71 -1.04 0.00	42.82 -1.19 0.00	39.41 -1.22 0.00	37.74 -1.21 0.00	36.68 -1.13 0.00	36.11 -1.12 0.00	35.57 -1.06 0.00	35.14 -1.12 0.00	35.45 -1.17 0.00	38.55 -1.27 0.00	39.09 -1.25 0.00	42.48 -1.18 0.00	44.36 -1.56 0.00	45.80 -1.42 0.00	38.29 -0.86 0.00	34.40 -0.85 0.00	32.58 -0.97 0.00
SITHE_IND_GS1 24169	32.47 -0.83 0.00	28.51 -0.82 0.00	27.20 -0.78 0.00	26.42 -0.76 0.00	27.28 -0.76 0.00	30.24 -0.81 0.00	38.04 -0.97 0.00	40.42 -1.34 0.00	42.56 -1.45 0.00	39.17 -1.46 0.00	37.62 -1.32 0.00	36.53 -1.29 0.00	35.96 -1.27 0.00	35.39 -1.25 0.00	35.03 -1.23 0.00	35.37 -1.25 0.00	38.43 -1.40 0.00	38.93 -1.41 0.00	42.22 -1.44 0.00	44.45 -1.47 0.00	45.70 -1.51 0.00	37.86 -1.29 0.00	34.09 -1.16 0.00	32.51 -1.04 0.00
SITHE_IND_GS2 24170	32.47 -0.83 0.00	28.51 -0.82 0.00	27.20 -0.78 0.00	26.42 -0.76 0.00	27.28 -0.76 0.00	30.24 -0.81 0.00	38.04 -0.97 0.00	40.42 -1.34 0.00	42.56 -1.45 0.00	39.17 -1.46 0.00	37.62 -1.32 0.00	36.53 -1.29 0.00	35.96 -1.27 0.00	35.39 -1.25 0.00	35.03 -1.23 0.00	35.37 -1.25 0.00	38.43 -1.40 0.00	38.93 -1.41 0.00	42.22 -1.44 0.00	44.45 -1.47 0.00	45.70 -1.51 0.00	37.86 -1.29 0.00	34.09 -1.16 0.00	32.51 -1.04 0.00
SITHE_IND_GS3 24171	32.47 -0.83 0.00	28.51 -0.82 0.00	27.20 -0.78 0.00	26.42 -0.76 0.00	27.28 -0.76 0.00	30.24 -0.81 0.00	38.04 -0.97 0.00	40.42 -1.34 0.00	42.56 -1.45 0.00	39.17 -1.46 0.00	37.62 -1.32 0.00	36.53 -1.29 0.00	35.96 -1.27 0.00	35.39 -1.25 0.00	35.03 -1.23 0.00	35.37 -1.25 0.00	38.43 -1.40 0.00	38.93 -1.41 0.00	42.22 -1.44 0.00	44.45 -1.47 0.00	45.70 -1.51 0.00	37.86 -1.29 0.00	34.09 -1.16 0.00	32.51 -1.04 0.00
SITHE_IND_GS4 24172	32.47 -0.83 0.00	28.51 -0.82 0.00	27.20 -0.78 0.00	26.42 -0.76 0.00	27.28 -0.76 0.00	30.24 -0.81 0.00	38.04 -0.97 0.00	40.42 -1.34 0.00	42.56 -1.45 0.00	39.17 -1.46 0.00	37.62 -1.32 0.00	36.53 -1.29 0.00	35.96 -1.27 0.00	35.39 -1.25 0.00	35.03 -1.23 0.00	35.37 -1.25 0.00	38.43 -1.40 0.00	38.93 -1.41 0.00	42.22 -1.44 0.00	44.45 -1.47 0.00	45.70 -1.51 0.00	37.86 -1.29 0.00	34.09 -1.16 0.00	32.51 -1.04 0.00

SITHE___BATAVIA 24024	33.50 0.20 0.00	28.18 -1.14 0.00	26.98 -1.01 0.00	26.25 -0.92 0.00	27.11 -0.92 0.00	30.24 -0.81 0.00	37.85 -1.17 0.00	39.84 -1.92 0.00	41.49 -2.51 0.01	37.81 -2.80 0.02	36.64 -2.30 0.01	35.58 -2.23 0.00	34.92 -2.31 0.00	34.43 -2.20 0.01	34.11 -2.14 0.01	34.38 -2.23 0.00	37.03 -2.79 0.01	37.55 -2.78 0.01	41.35 -2.32 0.00	44.13 -1.79 0.00	45.32 -1.89 0.00	37.67 -1.49 0.00	33.95 -1.30 0.00	32.31 -1.24 0.00
SITHE___INDEPEND 23800	32.44 -0.87 0.00	28.48 -0.85 0.00	27.20 -0.78 0.00	26.42 -0.76 0.00	27.28 -0.76 0.00	30.24 -0.81 0.00	38.04 -0.98 0.00	40.42 -1.34 0.00	42.56 -1.45 0.00	39.17 -1.46 0.00	37.62 -1.32 0.00	36.53 -1.29 0.00	35.96 -1.27 0.00	35.39 -1.25 0.00	35.03 -1.23 0.00	35.37 -1.25 0.00	38.40 -1.43 0.00	38.93 -1.41 0.00	42.22 -2.32 0.00	44.45 -1.47 0.00	45.66 -1.56 0.00	37.86 -1.29 0.00	34.09 -1.16 0.00	32.51 -1.04 0.00
SITHE___MASSENA 23902	33.14 -0.17 0.00	29.27 -0.06 0.00	27.93 -0.06 0.00	27.04 -0.14 0.00	27.84 -0.19 0.00	30.89 -0.15 0.00	38.86 -0.16 0.00	41.63 -0.12 0.00	43.79 -0.22 0.00	40.43 -0.20 0.00	38.72 -0.23 0.00	37.66 -0.15 0.00	37.08 -0.15 0.00	36.45 -0.18 0.00	36.01 -0.25 0.00	36.44 -0.18 0.00	39.59 -0.24 0.00	40.10 -0.24 0.00	43.49 -0.17 0.00	45.46 -0.46 0.00	46.93 -0.28 0.00	39.19 0.04 0.00	35.21 -0.04 0.00	33.42 -0.13 0.00
SITHE___OGDNSBRG 24021	33.20 -0.10 0.00	29.36 0.03 0.00	27.98 0.00 0.00	27.12 -0.05 0.00	27.95 -0.08 0.00	31.08 0.03 0.00	39.10 0.08 0.00	41.80 0.04 0.00	43.84 -0.18 0.00	40.23 -0.41 0.00	38.48 -0.47 0.00	37.36 -0.45 0.00	36.78 -0.45 0.00	36.20 -0.44 0.00	35.80 -0.47 0.00	36.22 -0.40 0.00	39.47 -0.36 0.00	40.06 -0.28 0.00	43.71 0.04 0.00	45.69 -0.23 0.00	47.26 0.05 0.00	39.43 0.27 0.00	35.39 0.14 0.00	33.56 0.00 0.00
SITHE___STERLING 23777	33.97 0.67 0.00	29.86 0.53 0.00	28.46 0.48 0.00	27.69 0.52 0.00	28.63 0.59 0.00	31.83 0.78 0.00	40.03 1.01 0.00	42.72 0.96 0.00	44.98 0.97 0.00	41.37 0.73 0.00	39.69 0.74 0.00	38.46 0.64 0.00	37.82 0.59 0.00	37.22 0.58 0.00	36.88 0.62 0.00	37.20 0.58 0.00	40.55 0.72 0.00	41.07 0.73 0.00	44.62 0.96 0.00	47.07 1.15 0.00	48.40 1.18 0.00	40.05 0.90 0.00	36.02 0.77 0.00	34.19 0.64 0.00
SLEIGHT__34_KV_TB1 80719	32.90 -0.40 0.00	28.39 -0.94 0.00	27.14 -0.84 0.00	26.36 -0.82 0.00	27.22 -0.81 0.00	30.33 -0.71 0.00	38.16 -0.86 0.00	40.51 -1.25 0.00	42.47 -1.54 0.01	38.81 -1.83 0.00	37.54 -1.40 0.01	36.41 -1.40 0.00	35.85 -1.38 0.00	35.35 -1.28 0.00	34.96 -1.31 0.01	35.26 -1.35 0.00	38.07 -1.75 0.01	38.64 -1.69 0.01	42.18 -1.48 0.00	44.64 -1.29 0.00	45.85 -1.37 0.00	37.98 -1.17 0.00	34.16 -1.09 0.00	32.38 -1.17 0.00
SMITHTWN_69_KV_BK 1 55830	36.57 3.26 -0.01	32.36 3.02 -0.01	30.88 2.88 -0.01	30.01 2.83 -0.01	30.91 2.86 -0.01	34.10 3.04 -0.01	42.89 3.86 -0.01	46.03 4.26 -0.01	48.55 4.53 -0.01	47.54 4.39 -2.52	49.79 3.51 -7.34	48.57 3.40 -7.35	47.70 3.35 -7.12	47.79 3.30 -7.86	50.60 3.30 -11.04	52.79 3.15 -13.02	47.63 3.74 -4.06	49.65 3.75 -5.55	48.04 3.80 -0.58	54.60 4.00 -4.68	51.43 4.20 -0.01	48.34 3.45 -5.74	44.37 3.56 -5.56	37.20 3.56 -0.09
SOUTH CAIRO___GT 23612	34.57 1.27 0.00	30.53 1.20 0.00	29.13 1.15 0.00	28.32 1.14 0.00	29.22 1.18 0.00	32.26 1.21 0.00	40.46 1.44 0.00	43.60 1.84 0.00	45.86 1.85 0.00	42.22 1.58 0.00	40.27 1.32 0.00	39.06 1.25 0.00	38.38 1.15 0.00	37.81 1.17 0.00	37.54 1.27 0.00	37.86 1.25 0.00	41.38 1.55 0.00	41.88 1.53 0.00	45.50 1.83 0.00	47.62 1.70 0.00	49.15 1.94 0.00	40.76 1.61 0.00	36.62 1.37 0.00	35.03 1.48 0.00
SOUTH HAMPTN___IC 23720	37.14 3.83 -0.01	32.88 3.55 -0.01	31.41 3.41 -0.01	30.44 3.26 -0.01	31.33 3.28 -0.01	34.47 3.42 -0.01	43.32 4.29 -0.01	46.61 4.84 -0.01	49.21 5.19 -0.01	48.09 4.96 -2.50	50.22 3.97 -7.29	48.83 3.71 -7.30	47.95 3.65 -7.08	48.04 3.59 -7.81	50.83 3.59 -10.97	53.00 3.44 -12.94	47.85 3.98 -4.03	49.93 4.07 -5.52	48.34 4.10 -0.58	55.08 4.50 -4.65	51.85 4.63 -0.01	48.77 3.91 -5.71	44.73 3.95 -5.53	37.43 3.79 -0.09
SOUTHDOW_115KV_TB1 355954	33.90 0.60 0.00	28.18 -1.14 0.00	27.06 -0.92 0.00	26.28 -0.90 0.00	27.20 -0.84 0.00	30.24 -0.81 0.00	37.93 -1.09 0.00	39.80 -1.96 0.00	41.53 -2.46 0.02	38.77 -1.83 0.03	36.71 -2.22 0.02	35.43 -2.38 0.00	34.84 -2.38 0.00	34.17 -2.45 0.01	33.89 -2.36 0.02	34.16 -2.45 0.00	37.02 -2.79 0.02	37.54 -2.78 0.02	41.17 -2.49 0.00	44.36 -1.56 0.00	45.23 -1.98 0.00	37.90 -1.25 0.00	34.02 -1.23 0.00	32.05 -1.51 0.00
SOUTHOLD_69_KV_BK 2 55809	37.67 4.36 -0.01	33.29 3.96 -0.01	31.80 3.81 -0.01	30.83 3.64 -0.01	31.64 3.59 -0.01	34.75 3.69 -0.01	43.63 4.60 -0.01	47.03 5.26 -0.01	49.65 5.63 -0.01	48.50 5.36 -2.50	50.45 4.21 -7.29	49.01 3.89 -7.30	48.03 3.72 -7.08	48.11 3.66 -7.81	50.97 3.74 -10.97	53.11 3.55 -12.94	47.89 4.02 -4.03	49.97 4.11 -5.52	48.39 4.15 -0.58	55.21 4.64 -4.65	52.09 4.86 -0.01	49.01 4.15 -5.71	44.87 4.09 -5.53	37.57 3.93 -0.09
SOUTHOLD___IC 23719	37.67 4.36 -0.01	33.29 3.96 -0.01	31.80 3.81 -0.01	30.83 3.64 -0.01	31.64 3.59 -0.01	34.75 3.69 -0.01	43.63 4.60 -0.01	47.03 5.26 -0.01	49.66 5.63 -0.01	48.50 5.36 -2.50	50.45 4.21 -7.29	49.01 3.90 -7.30	48.03 3.72 -7.08	48.11 3.66 -7.81	50.97 3.74 -10.97	53.15 3.59 -12.94	47.85 3.98 -4.03	49.98 4.12 -5.52	48.39 4.15 -0.58	55.21 4.64 -4.65	52.09 4.86 -0.01	49.01 4.15 -5.71	44.87 4.09 -5.53	37.53 3.89 -0.09
SOUTH_FORK_WT_PWR 323839	37.74 4.43 -0.01	33.35 4.02 -0.01	31.86 3.86 -0.01	30.83 3.64 -0.01	31.61 3.56 -0.01	34.66 3.60 -0.01	43.51 4.49 -0.01	46.86 5.09 -0.01	49.48 5.46 -0.01	48.34 5.20 -2.50	50.17 3.93 -7.29	48.67 3.55 -7.30	47.69 3.39 -7.08	47.78 3.33 -7.81	50.64 3.41 -10.97	52.82 3.26 -12.94	47.45 3.59 -4.03	49.57 3.71 -5.52	47.91 3.67 -0.58	54.75 4.18 -4.65	51.66 4.44 -0.01	48.70 3.84 -5.71	44.55 3.77 -5.53	37.27 3.63 -0.09
SPIERFLS_115KV_TB 1 80737	34.73 1.43 0.00	30.68 1.35 0.00	29.27 1.29 0.00	28.45 1.28 0.00	29.38 1.35 0.00	32.45 1.40 0.00	41.09 2.07 0.00	44.35 2.59 0.00	46.79 2.77 0.00	43.32 2.68 0.00	41.44 2.49 0.00	40.20 2.38 0.00	39.50 2.27 0.00	38.87 2.23 0.00	38.52 2.25 0.00	38.85 2.23 0.00	42.42 2.59 0.00	42.60 2.26 0.00	46.11 2.45 0.00	48.36 2.43 0.00	49.72 2.50 0.00	41.19 2.04 0.00	37.08 1.83 0.00	35.27 1.71 0.00
ST LAWRENCE____ 23600	32.87 -0.43 0.00	29.00 -0.32 0.00	27.68 -0.31 0.00	26.82 -0.35 0.00	27.65 -0.39 0.00	30.64 -0.40 0.00	38.55 -0.47 0.00	41.30 -0.46 0.00	43.44 -0.57 0.00	40.10 -0.53 0.00	38.44 -0.51 0.00	37.36 -0.45 0.00	36.78 -0.45 0.00	36.16 -0.48 0.00	35.72 -0.54 0.00	36.18 -0.44 0.00	39.27 -0.56 0.00	39.82 -0.53 0.00	43.18 -0.48 0.00	45.28 -0.64 0.00	46.74 -0.47 0.00	38.84 -0.31 0.00	34.90 -0.35 0.00	33.19 -0.37 0.00

STATE_CA_115KV_115_LB 55624	34.10 0.80 0.00	30.15 0.82 0.00	28.77 0.78 0.00	27.94 0.76 0.00	28.82 0.79 0.00	31.76 0.71 0.00	39.84 0.82 0.00	42.84 1.09 0.00	45.20 1.19 0.00	41.89 1.26 0.00	40.15 1.21 0.00	39.02 1.21 0.00	38.38 1.15 0.00	37.81 1.17 0.00	37.43 1.16 0.00	37.75 1.14 0.00	41.14 1.31 0.00	41.51 1.17 0.00	44.80 1.14 0.00	46.98 1.06 0.00	48.35 1.13 0.00	40.17 1.02 0.00	36.24 0.99 0.00	34.49 0.94 0.00
STATE_ST_34_KV_LOAD 55959	33.23 -0.07 0.00	29.03 -0.29 0.00	27.73 -0.25 0.00	26.96 -0.22 0.00	27.84 -0.20 0.00	30.96 -0.09 0.00	39.06 0.04 0.00	41.59 -0.17 0.00	43.71 -0.31 -0.01	40.11 -0.53 -0.01	38.53 -0.43 -0.01	37.32 -0.49 0.00	36.78 -0.45 0.00	36.23 -0.40 0.00	35.87 -0.40 -0.01	36.14 -0.48 0.00	39.28 -0.56 -0.01	39.83 -0.52 -0.01	43.31 -0.35 0.00	45.74 -0.18 0.00	46.98 -0.24 0.00	38.92 -0.23 0.00	34.93 -0.32 0.00	33.19 -0.37 0.00
STATION_5_MISC_HYD 23604	33.03 -0.27 0.00	28.24 -1.08 0.00	27.03 -0.95 0.00	26.28 -0.90 0.00	27.14 -0.90 0.00	30.21 -0.84 0.00	37.85 -1.17 0.00	40.04 -1.71 0.00	41.85 -2.16 0.01	38.11 -2.52 0.00	37.07 -1.87 0.01	36.04 -1.78 0.00	35.44 -1.79 0.00	34.91 -1.72 0.01	34.55 -1.70 0.01	34.86 -1.76 0.00	37.59 -2.23 0.01	38.15 -2.18 0.01	41.74 -1.92 0.00	44.31 -1.61 0.00	45.52 -1.70 0.00	37.75 -1.41 0.00	33.98 -1.27 0.00	32.38 -1.18 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	33.13 -0.17 0.00	28.51 -0.82 0.00	27.26 -0.73 0.00	26.47 -0.71 0.00	27.34 -0.70 0.00	30.46 -0.59 0.00	38.32 -0.70 0.00	40.63 -1.13 0.00	42.55 -1.45 0.01	38.89 -1.75 0.00	37.61 -1.32 0.01	36.45 -1.36 0.00	35.92 -1.30 0.00	35.38 -1.25 0.01	35.02 -1.23 0.01	35.34 -1.28 0.00	38.14 -1.67 0.01	38.76 -1.57 0.01	42.31 -1.35 0.00	44.82 -1.10 0.00	46.03 -1.18 0.00	38.17 -0.98 0.00	34.33 -0.92 0.00	32.55 -1.01 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.87 -0.43 0.00	28.15 -1.17 0.00	26.92 -1.06 0.00	26.17 -1.01 0.00	27.03 -1.01 0.00	30.09 -0.96 0.00	37.73 -1.29 0.00	39.92 -1.84 0.00	41.76 -2.24 0.01	38.07 -2.56 0.00	36.99 -1.95 0.01	35.88 -1.93 0.00	35.36 -1.86 0.00	34.87 -1.76 0.01	34.48 -1.78 0.01	34.79 -1.83 0.00	37.47 -2.35 0.01	38.07 -2.26 0.01	41.66 -2.01 0.00	44.13 -1.79 0.00	45.33 -1.89 0.00	37.63 -1.53 0.00	33.88 -1.37 0.00	32.11 -1.44 0.00
STA_56___34_KV_BUS2 355983	32.87 -0.43 0.00	28.15 -1.17 0.00	26.92 -1.06 0.00	26.17 -1.01 0.00	27.03 -1.01 0.00	30.09 -0.96 0.00	37.73 -1.29 0.00	39.92 -1.84 0.00	41.76 -2.24 0.01	38.07 -2.56 0.00	36.99 -1.95 0.01	35.88 -1.93 0.00	35.36 -1.86 0.00	34.87 -1.76 0.01	34.48 -1.78 0.01	34.79 -1.83 0.00	37.47 -2.35 0.01	38.07 -2.26 0.01	41.66 -2.01 0.00	44.13 -1.79 0.00	45.33 -1.89 0.00	37.63 -1.53 0.00	33.88 -1.37 0.00	32.11 -1.44 0.00
STA_67___115KV_BK2 355882	32.97 -0.33 0.00	28.21 -1.11 0.00	26.98 -1.01 0.00	26.22 -0.95 0.00	27.08 -0.95 0.00	30.15 -0.90 0.00	37.77 -1.25 0.00	39.92 -1.84 0.00	41.76 -2.24 0.01	38.03 -2.60 0.00	36.99 -1.95 0.01	35.88 -1.93 0.00	35.36 -1.86 0.00	34.83 -1.80 0.01	34.48 -1.78 0.01	34.79 -1.83 0.00	37.43 -2.39 0.01	38.03 -2.30 0.01	41.66 -2.01 0.00	44.18 -1.75 0.00	45.33 -1.89 0.00	37.67 -1.49 0.00	33.91 -1.34 0.00	32.15 -1.41 0.00
STA_7___115KV_9TRANS 80674	33.20 -0.10 0.00	28.36 -0.97 0.00	27.12 -0.87 0.00	26.36 -0.82 0.00	27.22 -0.81 0.00	30.30 -0.75 0.00	38.00 -1.01 0.00	40.17 -1.59 0.00	42.07 -1.94 0.01	38.32 -2.32 0.00	37.26 -1.67 0.01	36.15 -1.66 0.00	35.63 -1.60 0.00	35.09 -1.54 0.01	34.73 -1.52 0.01	35.04 -1.57 0.00	37.67 -2.15 0.01	38.31 -2.02 0.01	41.96 -1.70 0.00	44.50 -1.42 0.00	45.70 -1.51 0.00	37.94 -1.21 0.00	34.16 -1.09 0.00	32.35 -1.21 0.00
STA_82___115KV_TB1 80780	32.97 -0.33 0.00	28.21 -1.11 0.00	26.98 -1.01 0.00	26.22 -0.95 0.00	27.08 -0.95 0.00	30.15 -0.90 0.00	37.81 -1.21 0.00	39.92 -1.84 0.00	41.76 -2.24 0.01	38.03 -2.60 0.00	36.99 -1.95 0.01	35.88 -1.93 0.00	35.36 -1.86 0.00	34.83 -1.80 0.01	34.48 -1.78 0.01	34.79 -1.83 0.00	37.43 -2.39 0.01	38.07 -2.26 0.01	41.66 -2.01 0.00	44.22 -1.70 0.00	45.37 -1.84 0.00	37.67 -1.49 0.00	33.91 -1.34 0.00	32.15 -1.41 0.00
STEEL___WIND 323596	32.94 -0.37 0.00	27.66 -1.67 0.00	26.53 -1.46 0.00	25.79 -1.38 0.00	26.66 -1.37 0.00	29.62 -1.43 0.00	37.03 -1.99 0.00	38.71 -3.05 0.00	40.34 -3.65 0.02	37.42 -3.17 0.05	35.74 -3.19 0.02	34.71 -3.10 0.00	34.10 -3.13 0.00	33.59 -3.04 0.01	33.34 -2.90 0.02	33.58 -3.04 0.00	36.23 -3.58 0.02	36.65 -3.67 0.02	40.21 -3.45 0.00	43.08 -2.85 0.00	44.05 -3.16 0.00	36.76 -2.39 0.00	33.17 -2.08 0.00	31.68 -1.88 0.00
STEPHTWN_115KV_BK_2 55603	34.27 0.97 0.00	30.29 0.97 0.00	28.91 0.92 0.00	28.07 0.90 0.00	28.96 0.93 0.00	31.95 0.90 0.00	40.07 1.05 0.00	43.14 1.38 0.00	45.46 1.45 0.00	42.14 1.50 0.00	40.35 1.40 0.00	39.17 1.36 0.00	38.57 1.34 0.00	37.95 1.32 0.00	37.61 1.34 0.00	37.90 1.28 0.00	41.34 1.51 0.00	41.71 1.37 0.00	45.06 1.40 0.00	47.25 1.33 0.00	48.63 1.42 0.00	40.41 1.25 0.00	36.45 1.20 0.00	34.70 1.14 0.00
STEUBEN_REC_LFGE 323667	33.67 0.37 0.00	28.68 -0.65 0.00	27.48 -0.50 0.00	26.66 -0.52 0.00	27.56 -0.48 0.00	30.77 -0.28 0.00	38.74 -0.27 0.00	40.67 -1.09 0.00	42.23 -1.72 0.06	39.15 -1.58 -0.10	37.02 -1.87 0.06	35.92 -1.89 0.00	35.36 -1.86 0.00	34.70 -1.91 0.03	34.36 -1.85 0.06	34.64 -1.98 0.00	37.58 -2.19 0.06	38.22 -2.06 0.06	42.00 -1.66 0.00	45.05 -0.87 0.00	46.13 -1.09 0.00	38.33 -0.82 0.00	34.37 -0.88 0.00	32.41 -1.14 0.00
STILLWATER___SOLAR 323814	34.80 1.50 0.00	30.73 1.41 0.00	29.30 1.32 0.00	28.48 1.30 0.00	29.41 1.37 0.00	32.45 1.40 0.00	41.01 1.99 0.00	44.22 2.46 0.00	46.61 2.60 0.00	43.20 2.56 0.00	41.32 2.38 0.00	40.08 2.27 0.00	39.42 2.20 0.00	38.80 2.16 0.00	38.44 2.18 0.00	38.78 2.16 0.00	42.30 2.47 0.00	42.48 2.14 0.00	45.93 2.27 0.00	48.22 2.30 0.00	49.62 2.41 0.00	41.11 1.96 0.00	37.05 1.80 0.00	35.20 1.64 0.00
STONY___BROOK 24151	36.58 3.27 -0.01	32.39 3.05 -0.01	30.90 2.91 -0.01	30.01 2.83 -0.01	30.94 2.89 -0.01	34.10 3.04 -0.01	42.93 3.90 -0.01	46.07 4.30 -0.01	48.60 4.58 -0.01	47.58 4.43 -2.51	49.82 3.54 -7.33	48.55 3.40 -7.34	47.69 3.35 -7.11	47.78 3.30 -7.85	50.58 3.30 -11.02	52.80 3.18 -13.00	47.62 3.74 -4.05	49.67 3.79 -5.54	48.04 3.80 -0.58	54.64 4.04 -4.67	51.42 4.20 -0.01	48.37 3.48 -5.73	44.43 3.63 -5.55	37.17 3.52 -0.09
STURGEON_POOL_HYD 23609	34.77 1.47 0.00	30.79 1.47 0.00	29.36 1.37 0.00	28.51 1.33 0.00	29.38 1.35 0.00	32.51 1.46 0.00	40.85 1.83 0.00	44.05 2.30 0.00	46.74 2.73 0.00	43.27 2.64 0.00	41.28 2.34 0.00	40.08 2.27 0.00	39.46 2.23 0.00	38.87 2.23 0.00	38.52 2.25 0.00	38.71 2.09 0.00	42.34 2.51 0.00	42.80 2.46 0.00	46.07 2.40 0.00	48.26 2.34 0.00	49.86 2.64 0.00	41.27 2.11 0.00	37.22 1.97 0.00	35.53 1.98 0.00

ST_LAW_115_BK7_LBMP 345037	32.83 -0.47 0.00	28.98 -0.35 0.00	27.65 -0.33 0.00	26.80 -0.38 0.00	27.62 -0.42 0.00	30.61 -0.43 0.00	38.51 -0.51 0.00	41.26 -0.50 0.00	43.44 -0.57 0.00	40.06 -0.57 0.00	38.40 -0.55 0.00	37.32 -0.49 0.00	36.78 -0.45 0.00	36.12 -0.51 0.00	35.69 -0.58 0.00	36.14 -0.48 0.00	39.27 -0.56 0.00	39.78 -0.56 0.00	43.14 -0.52 0.00	45.24 -0.69 0.00	46.70 -0.52 0.00	38.80 -0.35 0.00	34.90 -0.35 0.00	33.15 -0.40 0.00
ST_LAW_115_BK8_LBMP 345038	32.83 -0.47 0.00	28.98 -0.35 0.00	27.65 -0.33 0.00	26.80 -0.38 0.00	27.62 -0.42 0.00	30.61 -0.43 0.00	38.51 -0.51 0.00	41.26 -0.50 0.00	43.44 -0.57 0.00	40.06 -0.57 0.00	38.40 -0.55 0.00	37.32 -0.49 0.00	36.78 -0.45 0.00	36.12 -0.51 0.00	35.69 -0.58 0.00	36.14 -0.48 0.00	39.27 -0.56 0.00	39.78 -0.56 0.00	43.14 -0.52 0.00	45.24 -0.69 0.00	46.70 -0.52 0.00	38.80 -0.35 0.00	34.90 -0.35 0.00	33.15 -0.40 0.00
ST_LAW_230_BK5_LBMP 345035	32.87 -0.43 0.00	29.00 -0.32 0.00	27.68 -0.31 0.00	26.82 -0.35 0.00	27.65 -0.39 0.00	30.64 -0.40 0.00	38.55 -0.47 0.00	41.30 -0.46 0.00	43.44 -0.57 0.00	40.10 -0.53 0.00	38.44 -0.51 0.00	37.36 -0.45 0.00	36.78 -0.45 0.00	36.16 -0.48 0.00	35.72 -0.54 0.00	36.18 -0.44 0.00	39.27 -0.56 0.00	39.82 -0.53 0.00	43.18 -0.48 0.00	45.28 -0.64 0.00	46.74 -0.47 0.00	38.84 -0.31 0.00	34.90 -0.35 0.00	33.19 -0.37 0.00
ST_LAW_230_BK6_LBMP 345036	32.87 -0.43 0.00	29.00 -0.32 0.00	27.68 -0.31 0.00	26.82 -0.35 0.00	27.65 -0.39 0.00	30.64 -0.40 0.00	38.55 -0.47 0.00	41.30 -0.46 0.00	43.44 -0.57 0.00	40.10 -0.53 0.00	38.44 -0.51 0.00	37.36 -0.45 0.00	36.78 -0.45 0.00	36.16 -0.48 0.00	35.72 -0.54 0.00	36.18 -0.44 0.00	39.27 -0.56 0.00	39.82 -0.53 0.00	43.18 -0.48 0.00	45.28 -0.64 0.00	46.74 -0.47 0.00	38.84 -0.31 0.00	34.90 -0.35 0.00	33.19 -0.37 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	34.80 1.50 0.00	30.76 1.44 0.00	29.33 1.34 0.00	28.51 1.33 0.00	29.38 1.35 0.00	32.51 1.46 0.00	40.89 1.87 0.00	44.05 2.30 0.00	46.70 2.68 0.00	43.27 2.64 0.00	41.32 2.38 0.00	40.16 2.34 0.00	39.53 2.31 0.00	38.91 2.27 0.00	38.55 2.28 0.00	38.78 2.16 0.00	42.38 2.55 0.00	42.84 2.50 0.00	46.11 2.45 0.00	48.36 2.43 0.00	49.91 2.69 0.00	41.31 2.15 0.00	37.22 1.97 0.00	35.47 1.91 0.00
SWANROAD_115KV_TB1 355699	31.97 -1.33 0.00	26.89 -2.43 0.00	25.80 -2.18 0.00	25.08 -2.09 0.00	25.94 -2.10 0.00	28.78 -2.27 0.00	35.97 -3.04 0.00	37.54 -4.22 0.00	39.02 -4.97 0.02	35.64 -4.96 0.04	34.61 -4.32 0.02	33.54 -4.27 0.00	33.06 -4.17 0.00	32.56 -4.07 0.01	32.33 -3.92 0.02	32.55 -4.06 0.00	34.91 -4.90 0.02	35.44 -4.88 0.02	38.99 -4.67 0.00	41.70 -4.22 0.00	42.54 -4.67 0.00	35.55 -3.60 0.00	32.15 -3.10 0.00	30.47 -3.09 0.00
SYNERGY___BIOGAS 323694	33.50 0.20 0.00	28.18 -1.14 0.00	26.98 -1.01 0.00	26.25 -0.92 0.00	27.11 -0.93 0.00	30.24 -0.81 0.00	37.85 -1.17 0.00	39.80 -1.96 0.00	41.49 -2.51 0.01	37.81 -2.80 0.02	36.68 -2.26 0.01	35.51 -2.31 0.00	34.96 -2.27 0.00	34.43 -2.20 0.01	34.11 -2.14 0.01	34.38 -2.23 0.00	36.95 -2.87 0.01	37.55 -2.78 0.01	41.35 -2.31 0.00	44.13 -1.79 0.00	45.23 -1.98 0.00	37.67 -1.49 0.00	33.95 -1.30 0.00	32.08 -1.48 0.00
SYRACUSE___ENERGY_ST1 323597	33.10 -0.20 0.00	29.03 -0.29 0.00	27.70 -0.28 0.00	26.93 -0.24 0.00	27.79 -0.25 0.00	30.86 -0.19 0.00	38.90 -0.12 0.00	41.42 -0.33 0.00	43.57 -0.44 0.00	40.11 -0.53 0.00	38.52 -0.43 0.00	37.36 -0.45 0.00	36.78 -0.45 0.00	36.23 -0.40 0.00	35.87 -0.40 0.00	36.18 -0.44 0.00	39.31 -0.52 0.00	39.86 -0.48 0.00	43.23 -0.44 0.00	45.56 -0.37 0.00	46.79 -0.42 0.00	38.76 -0.39 0.00	34.86 -0.39 0.00	33.15 -0.40 0.00
SYRACUSE___ENERGY_ST2 323598	33.10 -0.20 0.00	29.03 -0.29 0.00	27.70 -0.28 0.00	26.93 -0.24 0.00	27.79 -0.25 0.00	30.86 -0.19 0.00	38.90 -0.12 0.00	41.42 -0.33 0.00	43.57 -0.44 0.00	40.11 -0.53 0.00	38.52 -0.43 0.00	37.36 -0.45 0.00	36.78 -0.45 0.00	36.23 -0.40 0.00	35.87 -0.40 0.00	36.18 -0.44 0.00	39.31 -0.52 0.00	39.86 -0.48 0.00	43.23 -0.44 0.00	45.56 -0.37 0.00	46.79 -0.42 0.00	38.76 -0.39 0.00	34.86 -0.39 0.00	33.15 -0.40 0.00
SYRACUSE___POWER 24017	33.17 -0.13 0.00	29.06 -0.26 0.00	27.76 -0.22 0.00	26.96 -0.22 0.00	27.81 -0.22 0.00	30.89 -0.16 0.00	38.94 -0.08 0.00	41.47 -0.29 0.00	43.62 -0.40 0.00	40.19 -0.45 0.00	38.56 -0.39 0.00	37.40 -0.42 0.00	36.82 -0.41 0.00	36.27 -0.37 0.00	35.91 -0.36 0.00	36.22 -0.40 0.00	39.40 -0.44 0.00	39.90 -0.44 0.00	43.31 -0.35 0.00	45.65 -0.28 0.00	46.88 -0.33 0.00	38.88 -0.27 0.00	34.93 -0.32 0.00	33.22 -0.34 0.00
TALLMAN_138KV_BK151 55660	34.97 1.67 0.00	30.94 1.61 0.00	29.50 1.51 0.00	28.67 1.49 0.00	29.55 1.51 0.00	32.69 1.65 0.00	41.09 2.07 0.00	44.35 2.59 0.00	47.05 3.04 0.00	43.64 3.01 0.00	41.63 2.69 0.00	40.46 2.65 0.00	39.83 2.61 0.00	39.24 2.60 0.00	38.84 2.57 0.00	39.07 2.45 0.00	42.70 2.87 0.00	43.17 2.82 0.00	46.41 2.75 0.00	48.63 2.71 0.00	50.24 3.02 0.00	41.58 2.43 0.00	37.47 2.22 0.00	35.67 2.11 0.00
TEALLAVE_115KV_TB7 355573	33.07 -0.23 0.00	28.97 -0.35 0.00	27.65 -0.34 0.00	26.85 -0.33 0.00	27.73 -0.31 0.00	30.80 -0.25 0.00	38.78 -0.23 0.00	41.30 -0.46 0.00	43.44 -0.57 0.00	40.02 -0.61 0.00	38.40 -0.55 0.00	37.25 -0.57 0.00	36.70 -0.52 0.00	36.12 -0.51 0.00	35.80 -0.47 0.00	36.11 -0.51 0.00	39.23 -0.60 0.00	39.74 -0.61 0.00	43.14 -0.52 0.00	45.46 -0.46 0.00	46.70 -0.52 0.00	38.68 -0.47 0.00	34.79 -0.46 0.00	33.12 -0.44 0.00
TELGRAPH_34_KV_EAST 80808	32.80 -0.50 0.00	27.57 -1.76 0.00	26.44 -1.54 0.00	25.71 -1.47 0.00	26.58 -1.46 0.00	29.56 -1.49 0.00	36.95 -2.07 0.00	38.71 -3.05 0.00	40.30 -3.70 0.01	36.82 -3.78 0.03	35.70 -3.23 0.01	34.60 -3.21 0.00	34.06 -3.16 0.00	33.59 -3.04 0.01	33.31 -2.94 0.02	33.54 -3.08 0.00	36.03 -3.78 0.02	36.58 -3.75 0.02	40.21 -3.45 0.00	42.98 -2.94 0.00	43.96 -3.26 0.00	36.69 -2.47 0.00	33.10 -2.15 0.00	31.34 -2.21 0.00
TEMPLE___115KV_TB 2 55572	33.10 -0.20 0.00	28.97 -0.35 0.00	27.68 -0.31 0.00	26.88 -0.30 0.00	27.76 -0.28 0.00	30.80 -0.25 0.00	38.82 -0.20 0.00	41.34 -0.42 0.00	43.48 -0.53 0.00	40.06 -0.57 0.00	38.44 -0.51 0.00	37.28 -0.53 0.00	36.74 -0.48 0.00	36.16 -0.48 0.00	35.83 -0.44 0.00	36.14 -0.48 0.00	39.27 -0.56 0.00	39.78 -0.56 0.00	43.18 -0.48 0.00	45.51 -0.41 0.00	46.74 -0.47 0.00	38.72 -0.43 0.00	34.83 -0.42 0.00	33.12 -0.44 0.00
TIANA___69_KV_BK 1 55817	37.04 3.73 -0.01	32.80 3.46 -0.01	31.29 3.30 -0.01	30.39 3.21 -0.01	31.27 3.22 -0.01	34.41 3.35 -0.01	43.24 4.21 -0.01	46.53 4.76 -0.01	49.13 5.11 -0.01	48.01 4.88 -2.50	50.14 3.89 -7.29	48.82 3.71 -7.30	47.91 3.61 -7.08	48.04 3.59 -7.81	50.82 3.59 -10.97	52.97 3.41 -12.94	47.85 3.98 -4.03	49.93 4.07 -5.52	48.39 4.15 -0.58	55.07 4.50 -4.65	51.85 4.63 -0.01	48.77 3.92 -5.71	44.73 3.95 -5.53	37.44 3.79 -0.09

TILDEN___115KV_TB1 80814	33.17 -0.13 0.00	29.06 -0.26 0.00	27.76 -0.22 0.00	26.96 -0.22 0.00	27.81 -0.22 0.00	30.89 -0.16 0.00	38.94 -0.08 0.00	41.47 -0.29 0.00	43.62 -0.40 0.00	40.19 -0.45 0.00	38.56 -0.39 0.00	37.40 -0.42 0.00	36.82 -0.41 0.00	36.27 -0.37 0.00	35.91 -0.36 0.00	36.22 -0.40 0.00	39.40 -0.44 0.00	39.90 -0.44 0.00	43.31 -0.35 0.00	45.65 -0.28 0.00	46.88 -0.33 0.00	38.88 -0.27 0.00	34.93 -0.32 0.00	33.22 -0.34 0.00
TRIGEN___CC 323695	35.75 2.43 -0.02	31.66 2.32 -0.02	30.18 2.18 -0.02	29.37 2.17 -0.02	30.24 2.19 -0.02	33.45 2.39 -0.02	42.12 3.08 -0.02	45.16 3.38 -0.02	47.86 3.83 -0.02	48.67 3.62 -4.42	54.84 3.00 -12.89	53.64 2.91 -12.91	52.60 2.87 -12.51	53.30 2.86 -13.81	58.48 2.83 -19.39	62.20 2.71 -22.88	50.19 3.23 -7.13	53.24 3.15 -9.75	47.74 3.06 -1.02	57.27 3.12 -8.22	50.58 3.35 -0.02	51.94 2.70 -10.09	47.77 2.75 -9.77	36.43 2.72 -0.16
TRINITY___115KV___4 BK 55933	34.03 0.73 0.00	30.09 0.76 0.00	28.71 0.73 0.00	27.88 0.71 0.00	28.77 0.73 0.00	31.70 0.65 0.00	39.72 0.70 0.00	42.76 1.00 0.00	45.07 1.06 0.00	41.77 1.14 0.00	40.04 1.09 0.00	38.87 1.06 0.00	38.27 1.04 0.00	37.66 1.03 0.00	37.32 1.05 0.00	37.61 0.99 0.00	40.98 1.16 0.00	41.35 1.01 0.00	44.62 0.96 0.00	46.84 0.92 0.00	48.21 0.99 0.00	40.05 0.90 0.00	36.13 0.88 0.00	34.43 0.87 0.00
UNION___PROCESSING_DRP 323587	32.97 -0.33 0.00	28.21 -1.11 0.00	26.98 -1.01 0.00	26.22 -0.95 0.00	27.08 -0.95 0.00	30.15 -0.90 0.00	37.81 -1.21 0.00	39.96 -1.80 0.00	41.80 -2.20 0.01	38.03 -2.60 0.00	36.99 -1.95 0.01	35.88 -1.93 0.00	35.36 -1.86 0.00	34.83 -1.80 0.01	34.48 -1.78 0.01	34.79 -1.83 0.00	37.43 -2.39 0.01	38.07 -2.26 0.01	41.70 -1.96 0.00	44.22 -1.70 0.00	45.37 -1.84 0.00	37.67 -1.49 0.00	33.95 -1.30 0.00	32.18 -1.38 0.00
UPPER HUDSON___HYD 24058	34.73 1.43 0.00	30.68 1.35 0.00	29.27 1.29 0.00	28.45 1.28 0.00	29.38 1.35 0.00	32.45 1.40 0.00	41.08 2.07 0.00	44.35 2.59 0.00	46.79 2.77 0.00	43.31 2.68 0.00	41.44 2.49 0.00	40.20 2.38 0.00	39.50 2.27 0.00	38.87 2.24 0.00	38.52 2.25 0.00	38.85 2.23 0.00	42.42 2.59 0.00	42.60 2.26 0.00	46.11 2.44 0.00	48.36 2.43 0.00	49.72 2.50 0.00	41.19 2.03 0.00	37.08 1.83 0.00	35.23 1.68 0.00
UPPER RAQUET___HYD 24056	32.27 -1.03 0.00	28.54 -0.79 0.00	27.23 -0.75 0.00	26.36 -0.81 0.00	27.17 -0.87 0.00	30.18 -0.87 0.00	38.00 -1.01 0.00	40.72 -1.04 0.00	42.83 -1.19 0.00	39.42 -1.22 0.00	37.74 -1.21 0.00	36.68 -1.13 0.00	36.11 -1.12 0.00	35.57 -1.06 0.00	35.14 -1.12 0.00	35.41 -1.21 0.00	38.55 -1.28 0.00	39.09 -1.25 0.00	42.49 -1.18 0.00	44.36 -1.56 0.00	45.80 -1.42 0.00	38.29 -0.86 0.00	34.40 -0.85 0.00	32.58 -0.97 0.00
VALLEY44_115KV_TB2 355964	32.80 -0.50 0.00	27.63 -1.70 0.00	26.47 -1.51 0.00	25.74 -1.44 0.00	26.64 -1.40 0.00	29.65 -1.40 0.00	37.14 -1.87 0.00	38.71 -3.05 0.00	40.47 -3.52 0.02	38.87 -1.75 0.02	35.85 -3.08 0.02	34.67 -3.14 0.00	34.10 -3.13 0.00	33.51 -3.11 0.01	33.38 -2.87 0.02	33.47 -3.15 0.00	36.82 -2.99 0.02	36.97 -3.35 0.02	40.35 -3.32 0.00	43.26 -2.66 0.00	44.24 -2.97 0.00	36.96 -2.19 0.00	33.28 -1.97 0.00	31.51 -2.05 0.00
VALLEY___115KV_TB 1-4 80826	33.13 -0.17 0.00	29.18 -0.15 0.00	27.84 -0.14 0.00	27.07 -0.11 0.00	27.95 -0.08 0.00	30.99 -0.06 0.00	38.90 -0.12 0.00	41.67 -0.08 0.00	43.92 -0.09 0.00	40.55 -0.08 0.00	38.91 -0.04 0.00	37.74 -0.08 0.00	37.11 -0.11 0.00	36.52 -0.11 0.00	36.16 -0.11 0.00	36.47 -0.15 0.00	39.71 -0.12 0.00	40.14 -0.20 0.00	43.45 -0.22 0.00	45.65 -0.28 0.00	46.98 -0.24 0.00	38.92 -0.23 0.00	35.04 -0.21 0.00	33.35 -0.20 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	34.93 1.63 0.00	30.76 1.44 0.00	29.33 1.34 0.00	28.56 1.39 0.00	29.52 1.49 0.00	32.82 1.77 0.00	41.20 2.18 0.00	44.18 2.42 0.00	46.75 2.73 0.00	43.15 2.52 0.00	41.41 2.45 0.00	40.08 2.27 0.00	39.35 2.12 0.00	38.69 2.05 0.00	38.41 2.14 -0.01	38.60 1.98 0.00	42.10 2.27 0.00	42.52 2.18 0.00	46.07 2.40 0.00	48.45 2.53 0.00	49.91 2.69 0.00	41.35 2.19 0.00	37.19 1.94 0.00	35.37 1.81 0.00
VISCHER___FERRY HYD 24020	34.57 1.27 0.00	30.50 1.17 0.00	29.10 1.12 0.00	28.26 1.09 0.00	29.19 1.15 0.00	32.20 1.15 0.00	40.46 1.44 0.00	43.55 1.79 0.00	45.86 1.85 0.00	42.54 1.91 0.00	40.70 1.75 0.00	39.52 1.70 0.00	38.90 1.68 0.00	38.28 1.65 0.00	37.94 1.67 0.00	38.23 1.61 0.00	41.66 1.83 0.00	42.08 1.73 0.00	45.45 1.79 0.00	47.71 1.79 0.00	49.11 1.89 0.00	40.72 1.57 0.00	36.73 1.48 0.00	34.86 1.31 0.00
V_A_10_SYNC_DSASP 323832	32.44 -0.87 0.00	27.57 -1.76 0.00	26.42 -1.57 0.00	25.68 -1.49 0.00	26.55 -1.49 0.00	29.50 -1.55 0.00	36.91 -2.11 0.00	38.71 -3.05 0.00	40.30 -3.70 0.01	36.55 -4.06 0.02	35.70 -3.23 0.01	34.79 -3.03 0.00	34.17 -3.05 0.00	33.70 -2.93 0.01	33.39 -2.87 0.01	33.65 -2.96 0.00	36.15 -3.66 0.01	36.70 -3.63 0.01	40.30 -3.36 0.00	42.94 -2.98 0.00	43.96 -3.26 0.00	36.57 -2.59 0.00	32.99 -2.26 0.00	31.54 -2.01 0.00
V_CMM_10_SYNC_DSASP 323787	33.33 0.03 0.00	29.41 0.09 0.00	28.07 0.08 0.00	27.18 0.00 0.00	27.95 -0.08 0.00	31.02 -0.03 0.00	39.02 0.00 0.00	41.80 0.04 0.00	44.01 0.00 0.00	40.63 0.00 0.00	38.99 0.04 0.00	37.89 0.08 0.00	37.34 0.11 0.00	36.67 0.04 0.00	36.23 -0.04 0.00	36.66 0.04 0.00	39.47 -0.36 0.00	39.98 -0.36 0.00	43.31 -0.35 0.00	45.46 -0.46 0.00	46.93 -0.28 0.00	39.00 -0.16 0.00	35.07 -0.18 0.00	33.32 -0.23 0.00
V_CMP_10_SYNC_DSASP 323788	33.93 0.63 0.00	29.94 0.62 0.00	28.57 0.59 0.00	27.64 0.46 0.00	28.46 0.42 0.00	31.58 0.53 0.00	39.84 0.82 0.00	42.72 0.96 0.00	44.94 0.93 0.00	41.45 0.81 0.00	39.69 0.74 0.00	38.53 0.72 0.00	37.97 0.74 0.00	37.26 0.62 0.00	36.77 0.51 0.00	37.20 0.58 0.00	40.43 0.60 0.00	40.99 0.64 0.00	44.45 0.79 0.00	46.70 0.78 0.00	48.25 1.04 0.00	40.09 0.94 0.00	36.02 0.77 0.00	34.16 0.60 0.00
V_D_10_SYNC_DSASP 323841	33.14 -0.17 0.00	29.27 -0.06 0.00	27.93 -0.06 0.00	27.04 -0.14 0.00	27.84 -0.19 0.00	30.89 -0.15 0.00	38.86 -0.16 0.00	41.63 -0.12 0.00	43.79 -0.22 0.00	40.43 -0.20 0.00	38.75 -0.19 0.00	37.66 -0.15 0.00	37.08 -0.15 0.00	36.45 -0.18 0.00	36.01 -0.25 0.00	36.44 -0.18 0.00	39.59 -0.24 0.00	40.10 -0.24 0.00	43.49 -0.17 0.00	45.46 -0.46 0.00	46.93 -0.28 0.00	39.19 0.04 0.00	35.21 -0.04 0.00	33.45 -0.10 0.00
V_E_10_SYNC_DSASP 323830	36.47 3.17 0.00	32.02 2.70 0.00	30.50 2.52 0.00	29.76 2.58 0.00	30.93 2.89 0.00	34.68 3.63 0.00	43.70 4.68 0.00	46.56 4.80 0.00	48.98 4.93 -0.04	44.67 4.02 -0.01	43.00 4.01 -0.04	41.44 3.63 0.00	40.50 3.28 0.00	39.73 3.08 -0.02	39.64 3.33 -0.04	38.74 2.12 0.00	42.45 2.59 -0.03	42.99 2.62 -0.03	47.07 3.41 0.00	49.78 3.86 0.00	51.09 3.87 0.00	42.25 3.09 0.00	37.75 2.50 0.00	35.80 2.25 0.00

V_F_30_NSYNC___DSASP 323816	34.83 1.53 0.00	30.76 1.44 0.00	29.33 1.34 0.00	28.51 1.33 0.00	29.44 1.40 0.00	32.48 1.43 0.00	41.08 2.07 0.00	44.31 2.55 0.00	46.70 2.69 0.00	43.27 2.64 0.00	41.40 2.46 0.00	40.16 2.35 0.00	39.50 2.27 0.00	38.87 2.24 0.00	38.52 2.25 0.00	38.85 2.23 0.00	42.42 2.59 0.00	42.52 2.18 0.00	46.02 2.36 0.00	48.26 2.34 0.00	49.67 2.45 0.00	41.15 2.00 0.00	37.08 1.83 0.00	35.23 1.68 0.00
V_F_30_SYNC_DSASP 323786	34.10 0.80 0.00	30.15 0.82 0.00	28.74 0.76 0.00	27.94 0.76 0.00	28.82 0.79 0.00	31.76 0.71 0.00	39.84 0.82 0.00	42.84 1.09 0.00	45.20 1.19 0.00	41.89 1.26 0.00	40.15 1.21 0.00	39.02 1.21 0.00	38.38 1.15 0.00	37.81 1.17 0.00	37.43 1.16 0.00	37.75 1.14 0.00	41.14 1.31 0.00	41.47 1.13 0.00	44.80 1.14 0.00	46.98 1.06 0.00	48.35 1.13 0.00	40.17 1.02 0.00	36.24 0.99 0.00	34.49 0.94 0.00
V_XM_10_SYNC_DSASP 323789	33.93 0.63 0.00	29.94 0.62 0.00	28.57 0.59 0.00	27.64 0.46 0.00	28.46 0.42 0.00	31.58 0.53 0.00	39.84 0.82 0.00	42.72 0.96 0.00	44.94 0.93 0.00	41.45 0.81 0.00	39.69 0.74 0.00	38.53 0.72 0.00	37.97 0.74 0.00	37.26 0.62 0.00	36.77 0.51 0.00	37.20 0.58 0.00	40.43 0.60 0.00	40.99 0.64 0.00	44.45 0.79 0.00	46.70 0.78 0.00	48.25 1.04 0.00	40.09 0.94 0.00	36.02 0.77 0.00	34.16 0.60 0.00
W.BABYLN_69_KV_BK1 56697	36.51 3.20 -0.01	32.33 2.99 -0.01	30.82 2.83 -0.01	29.96 2.77 -0.01	30.88 2.83 -0.01	34.10 3.04 -0.01	42.89 3.86 -0.01	46.07 4.30 -0.01	48.69 4.67 -0.01	47.82 4.43 -2.76	50.62 3.62 -8.05	49.39 3.52 -8.06	48.50 3.46 -7.81	48.66 3.41 -8.62	51.74 3.37 -12.10	54.20 3.30 -14.28	48.14 3.86 -4.45	50.26 3.83 -6.09	48.19 3.89 -0.64	55.19 4.13 -5.13	51.52 4.30 -0.01	48.97 3.52 -6.30	44.91 3.56 -6.10	37.18 3.52 -0.10
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	35.03 1.73 0.00	31.00 1.67 0.00	29.55 1.57 0.00	28.73 1.55 0.00	29.61 1.57 0.00	32.76 1.71 0.00	41.20 2.18 0.00	44.47 2.71 0.00	47.18 3.17 0.00	43.72 3.09 0.00	41.75 2.80 0.00	40.57 2.76 0.00	39.94 2.72 0.00	39.31 2.67 0.00	38.95 2.68 0.00	39.18 2.56 0.00	42.82 2.99 0.00	43.29 2.95 0.00	46.50 2.84 0.00	48.77 2.85 0.00	50.33 3.12 0.00	41.70 2.54 0.00	37.54 2.29 0.00	35.74 2.18 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	35.40 2.10 0.00	31.35 2.02 0.00	29.89 1.90 0.00	29.02 1.85 0.00	29.92 1.88 0.00	33.04 1.99 0.00	41.63 2.61 0.00	44.97 3.22 0.00	47.80 3.79 0.00	44.33 3.70 0.00	42.26 3.31 0.00	41.07 3.25 0.00	40.46 3.24 0.00	39.86 3.22 0.00	39.46 3.19 0.00	39.69 3.08 0.00	43.41 3.58 0.00	43.85 3.51 0.00	47.03 3.36 0.00	49.28 3.35 0.00	50.85 3.64 0.00	42.09 2.94 0.00	37.89 2.64 0.00	36.07 2.52 0.00
W50THST__13_KV_LOAD 356117	35.57 2.26 0.00	31.50 2.17 0.00	30.00 2.01 0.00	29.16 1.98 0.00	30.03 1.99 0.00	33.19 2.14 0.00	41.83 2.81 0.00	45.22 3.47 0.00	48.11 4.09 0.00	44.62 3.98 0.00	42.53 3.58 0.00	41.33 3.52 0.00	40.73 3.50 0.00	40.12 3.48 0.00	39.71 3.45 0.00	39.95 3.33 0.00	43.69 3.86 0.00	44.14 3.79 0.00	47.29 3.62 0.00	49.55 3.63 0.00	51.09 3.87 0.00	42.29 3.13 0.00	38.07 2.82 0.00	36.24 2.68 0.00
WADING RIVER_IC_1 23522	36.81 3.50 -0.01	32.59 3.25 -0.01	31.13 3.13 -0.01	30.20 3.02 -0.01	31.10 3.06 -0.01	34.26 3.20 -0.01	43.08 4.06 -0.01	46.28 4.51 -0.01	48.86 4.84 -0.01	47.77 4.63 -2.50	49.94 3.70 -7.29	48.63 3.52 -7.30	47.76 3.46 -7.07	47.85 3.41 -7.81	50.64 3.41 -10.96	52.81 3.26 -12.94	47.69 3.82 -4.03	49.77 3.91 -5.51	48.21 3.97 -0.58	54.84 4.27 -4.65	51.66 4.44 -0.01	48.58 3.72 -5.70	44.58 3.81 -5.53	37.30 3.66 -0.09
WADING RIVER_IC_2 23547	36.81 3.50 -0.01	32.59 3.25 -0.01	31.13 3.13 -0.01	30.20 3.02 -0.01	31.10 3.06 -0.01	34.26 3.20 -0.01	43.08 4.06 -0.01	46.28 4.51 -0.01	48.86 4.84 -0.01	47.77 4.63 -2.50	49.94 3.70 -7.29	48.63 3.52 -7.30	47.76 3.46 -7.07	47.85 3.41 -7.81	50.64 3.41 -10.96	52.81 3.26 -12.94	47.69 3.82 -4.03	49.77 3.91 -5.51	48.21 3.97 -0.58	54.84 4.27 -4.65	51.66 4.44 -0.01	48.58 3.72 -5.70	44.58 3.81 -5.53	37.30 3.66 -0.09
WADING RIVER_IC_3 23601	36.81 3.50 -0.01	32.59 3.25 -0.01	31.13 3.13 -0.01	30.20 3.02 -0.01	31.10 3.06 -0.01	34.26 3.20 -0.01	43.08 4.06 -0.01	46.28 4.51 -0.01	48.86 4.84 -0.01	47.77 4.63 -2.50	49.94 3.70 -7.29	48.63 3.52 -7.30	47.76 3.46 -7.07	47.85 3.41 -7.81	50.64 3.41 -10.96	52.81 3.26 -12.94	47.69 3.82 -4.03	49.77 3.91 -5.51	48.21 3.97 -0.58	54.84 4.27 -4.65	51.66 4.44 -0.01	48.58 3.72 -5.70	44.58 3.81 -5.53	37.30 3.66 -0.09
WALDENNY_12_KV_BK2 80841	32.97 -0.33 0.00	27.66 -1.67 0.00	26.53 -1.46 0.00	25.79 -1.39 0.00	26.66 -1.37 0.00	29.62 -1.43 0.00	37.03 -1.99 0.00	38.67 -3.09 0.00	40.34 -3.65 0.02	37.34 -3.25 0.05	35.77 -3.15 0.02	34.67 -3.14 0.00	34.14 -3.09 0.00	33.62 -3.00 0.01	33.38 -2.87 0.02	33.58 -3.04 0.00	36.23 -3.58 0.02	36.65 -3.67 0.02	40.21 -3.45 0.00	43.08 -2.85 0.00	43.91 -3.31 0.00	36.76 -2.39 0.00	33.17 -2.08 0.00	31.41 -2.15 0.00
WALDEN___HYDRO 24148	34.87 1.57 0.00	30.85 1.52 0.00	29.41 1.43 0.00	28.59 1.41 0.00	29.47 1.43 0.00	32.60 1.55 0.00	40.97 1.95 0.00	44.22 2.46 0.00	46.87 2.86 0.00	43.40 2.76 0.00	41.44 2.49 0.00	40.23 2.42 0.00	39.61 2.38 0.00	38.98 2.34 0.00	38.62 2.36 0.00	38.85 2.23 0.00	42.46 2.63 0.00	42.93 2.58 0.00	46.24 2.58 0.00	48.45 2.53 0.00	50.05 2.83 0.00	41.42 2.27 0.00	37.33 2.08 0.00	35.57 2.01 0.00
WARRENSBURG____ 23737	34.73 1.43 0.00	30.68 1.35 0.00	29.27 1.29 0.00	28.45 1.28 0.00	29.38 1.35 0.00	32.45 1.40 0.00	41.09 2.07 0.00	44.35 2.59 0.00	46.79 2.77 0.00	43.32 2.68 0.00	41.44 2.49 0.00	40.20 2.38 0.00	39.50 2.27 0.00	38.87 2.23 0.00	38.52 2.25 0.00	38.85 2.23 0.00	42.42 2.59 0.00	42.60 2.26 0.00	46.11 2.45 0.00	48.36 2.43 0.00	49.72 2.50 0.00	41.19 2.04 0.00	37.08 1.83 0.00	35.27 1.71 0.00
WATERSIDE___6 8 9 23538	35.33 2.03 0.00	31.38 2.05 0.00	29.89 1.90 0.00	29.05 1.88 0.00	29.92 1.88 0.00	32.97 1.93 0.00	41.51 2.50 0.00	44.89 3.13 0.00	47.75 3.74 0.00	44.29 3.66 0.00	42.26 3.31 0.00	41.07 3.25 0.00	40.43 3.20 0.00	39.86 3.22 0.00	39.46 3.19 0.00	39.69 3.08 0.00	43.41 3.58 0.00	43.81 3.47 0.00	46.98 3.32 0.00	49.18 3.26 0.00	50.76 3.54 0.00	42.01 2.86 0.00	37.86 2.61 0.00	36.00 2.45 0.00
WATKINRD_115KV_LN8_ILLION 55919	33.23 -0.07 0.00	29.27 -0.06 0.00	27.93 -0.06 0.00	27.15 -0.03 0.00	28.01 -0.03 0.00	31.05 0.00 0.00	38.98 -0.04 0.00	41.76 0.00 0.00	44.01 0.00 0.00	40.63 0.00 0.00	38.99 0.04 0.00	37.81 0.00 0.00	37.19 -0.04 0.00	36.60 -0.04 0.00	36.27 0.00 0.00	36.58 -0.04 0.00	39.83 0.00 0.00	40.26 -0.08 0.00	43.58 -0.09 0.00	45.83 -0.09 0.00	47.12 -0.09 0.00	39.07 -0.08 0.00	35.18 -0.07 0.00	33.49 -0.07 0.00

WDELAWARE___HYD 323627	35.10 1.80 0.00	31.03 1.70 0.00	29.61 1.62 0.00	28.78 1.60 0.00	29.66 1.63 0.00	32.85 1.80 0.00	41.28 2.26 0.00	44.51 2.76 0.00	47.22 3.21 0.00	43.64 3.01 0.00	41.67 2.73 0.00	40.42 2.61 0.00	39.68 2.46 0.00	38.94 2.31 0.00	38.59 2.32 0.00	38.85 2.23 0.00	42.46 2.63 0.00	42.96 2.62 0.00	46.33 2.66 0.00	48.59 2.66 0.00	50.14 2.93 0.00	41.50 2.35 0.00	37.36 2.11 0.00	35.60 2.05 0.00
WEST BABYLON___IC 23714	36.51 3.20 -0.01	32.33 2.99 -0.01	30.82 2.83 -0.01	29.96 2.77 -0.01	30.88 2.83 -0.01	34.10 3.04 -0.01	42.89 3.86 -0.01	46.07 4.30 -0.01	48.69 4.67 -0.01	47.82 4.43 -2.76	50.62 3.62 -8.05	49.39 3.52 -8.06	48.50 3.46 -7.81	48.66 3.41 -8.62	51.74 3.37 -12.10	54.20 3.30 -14.28	48.14 3.86 -4.45	50.26 3.83 -6.09	48.19 3.89 -0.64	55.19 4.13 -5.13	51.52 4.30 -0.01	48.97 3.52 -6.30	44.91 3.56 -6.10	37.18 3.52 -0.10
WEST CANADA___HYD 24049	33.40 0.10 0.00	29.41 0.09 0.00	28.07 0.08 0.00	27.26 0.08 0.00	28.15 0.11 0.00	31.14 0.09 0.00	39.14 0.12 0.00	41.88 0.13 0.00	44.19 0.18 0.00	40.80 0.16 0.00	39.10 0.16 0.00	37.96 0.15 0.00	37.34 0.11 0.00	36.75 0.11 0.00	36.41 0.15 0.00	36.73 0.11 0.00	39.99 0.16 0.00	40.46 0.12 0.00	43.79 0.13 0.00	46.06 0.14 0.00	47.36 0.14 0.00	39.27 0.12 0.00	35.36 0.11 0.00	33.69 0.13 0.00
WESTERN_NY_WIND 24143	33.47 0.17 0.00	28.12 -1.20 0.00	26.95 -1.04 0.00	26.20 -0.98 0.00	27.08 -0.95 0.00	30.21 -0.84 0.00	37.81 -1.21 0.00	39.75 -2.00 0.00	41.40 -2.60 0.01	37.72 -2.88 0.03	36.60 -2.34 0.01	35.43 -2.38 0.00	34.88 -2.35 0.00	34.36 -2.27 0.01	34.04 -2.21 0.01	34.31 -2.31 0.00	36.87 -2.95 0.01	37.50 -2.82 0.01	41.26 -2.40 0.00	44.04 -1.88 0.00	45.18 -2.03 0.00	37.59 -1.57 0.00	33.91 -1.34 0.00	32.01 -1.54 0.00
WESTOVER___LESR 323668	33.60 0.30 0.00	29.30 -0.03 0.00	27.98 0.00 0.00	27.18 0.00 0.00	28.07 0.03 0.00	31.17 0.12 0.00	39.21 0.20 0.00	41.72 -0.04 0.00	43.87 -0.13 0.01	40.59 -0.04 0.00	38.74 -0.19 0.01	37.62 -0.19 0.00	37.00 -0.22 0.00	36.41 -0.22 0.01	36.11 -0.15 0.01	36.40 -0.22 0.00	39.58 -0.24 0.01	40.09 -0.24 0.01	43.53 -0.13 0.00	46.06 0.14 0.00	47.26 0.05 0.00	39.23 0.08 0.00	35.29 0.04 0.00	33.52 -0.03 0.00
WETHRSFD_WT_PWR 323626	32.94 -0.37 0.00	27.92 -1.41 0.00	26.73 -1.26 0.00	25.98 -1.20 0.00	26.86 -1.18 0.00	29.87 -1.18 0.00	37.42 -1.60 0.00	39.13 -2.63 0.00	40.64 -3.35 0.03	37.30 -3.17 0.16	35.81 -3.12 0.03	34.86 -2.95 0.00	34.25 -2.98 0.00	33.69 -2.93 0.01	33.45 -2.79 0.03	33.69 -2.93 0.00	36.38 -3.43 0.03	36.93 -3.39 0.03	40.61 -3.06 0.00	43.53 -2.39 0.00	44.66 -2.55 0.00	37.16 -2.00 0.00	33.49 -1.76 0.00	31.91 -1.64 0.00
WHAVSTOR_138KV_BK127 55557	34.97 1.67 0.00	30.94 1.61 0.00	29.50 1.51 0.00	28.67 1.49 0.00	29.55 1.51 0.00	32.66 1.61 0.00	41.09 2.07 0.00	44.35 2.59 0.00	47.05 3.04 0.00	43.60 2.97 0.00	41.63 2.69 0.00	40.46 2.65 0.00	39.83 2.61 0.00	39.20 2.56 0.00	38.84 2.57 0.00	39.07 2.45 0.00	42.70 2.87 0.00	43.17 2.82 0.00	46.37 2.71 0.00	48.63 2.71 0.00	50.19 2.97 0.00	41.58 2.43 0.00	37.47 2.22 0.00	35.67 2.11 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.97 1.67 0.00	30.94 1.61 0.00	29.50 1.51 0.00	28.67 1.49 0.00	29.55 1.51 0.00	32.66 1.61 0.00	41.09 2.07 0.00	44.35 2.59 0.00	47.05 3.04 0.00	43.60 2.97 0.00	41.63 2.69 0.00	40.46 2.65 0.00	39.83 2.61 0.00	39.20 2.56 0.00	38.84 2.57 0.00	39.07 2.45 0.00	42.70 2.87 0.00	43.17 2.82 0.00	46.37 2.71 0.00	48.63 2.71 0.00	50.19 2.97 0.00	41.58 2.43 0.00	37.47 2.22 0.00	35.67 2.11 0.00
WHITEHAL_115KV_TB1 80871	35.17 1.86 0.00	31.03 1.70 0.00	29.61 1.62 0.00	28.78 1.60 0.00	29.75 1.71 0.00	32.85 1.80 0.00	41.63 2.61 0.00	44.97 3.22 0.00	47.36 3.34 0.00	43.76 3.13 0.00	41.79 2.84 0.00	40.57 2.76 0.00	39.87 2.64 0.00	39.16 2.53 0.00	38.88 2.61 0.00	39.22 2.60 0.00	42.90 3.07 0.00	43.17 2.82 0.00	46.81 3.14 0.00	49.05 3.12 0.00	50.47 3.26 0.00	41.74 2.58 0.00	37.58 2.33 0.00	35.70 2.15 0.00
WHITEPLN_13_KV_LOAD 356215	35.40 2.10 0.00	31.35 2.02 0.00	29.86 1.87 0.00	29.02 1.85 0.00	29.89 1.85 0.00	33.07 2.02 0.00	41.63 2.61 0.00	44.97 3.22 0.00	47.93 3.92 0.00	44.41 3.78 0.00	42.37 3.43 0.00	41.10 3.29 0.00	40.54 3.31 0.00	39.93 3.30 0.00	39.53 3.26 0.00	39.77 3.15 0.00	43.53 3.70 0.00	43.93 3.59 0.00	47.16 3.49 0.00	49.41 3.49 0.00	50.94 3.73 0.00	42.25 3.09 0.00	38.03 2.78 0.00	36.17 2.62 0.00
WM_FLOYD_69_KV_BK2 356380	36.71 3.40 -0.01	32.50 3.17 -0.01	31.04 3.05 -0.01	30.15 2.96 -0.01	31.05 3.00 -0.01	34.19 3.14 -0.01	43.01 3.98 -0.01	46.19 4.43 -0.01	48.77 4.75 -0.01	47.65 4.51 -2.51	49.88 3.62 -7.31	48.61 3.48 -7.32	47.70 3.39 -7.09	47.83 3.37 -7.82	50.59 3.34 -10.99	52.77 3.19 -12.96	47.65 3.78 -4.04	49.70 3.83 -5.53	48.13 3.89 -0.58	54.76 4.18 -4.66	51.57 4.34 -0.01	48.47 3.60 -5.72	44.52 3.74 -5.54	37.27 3.62 -0.09
WOODARD__115KV_TB2 355635	32.97 -0.33 0.00	28.92 -0.41 0.00	27.59 -0.39 0.00	26.82 -0.35 0.00	27.67 -0.36 0.00	30.74 -0.31 0.00	38.71 -0.31 0.00	41.22 -0.54 0.00	43.35 -0.66 0.00	39.90 -0.73 0.00	38.32 -0.62 0.00	37.17 -0.64 0.00	36.63 -0.60 0.00	36.09 -0.55 0.00	35.72 -0.54 0.00	36.03 -0.59 0.00	39.15 -0.68 0.00	39.70 -0.65 0.00	43.05 -0.61 0.00	45.37 -0.55 0.00	46.60 -0.61 0.00	38.61 -0.55 0.00	34.72 -0.53 0.00	33.05 -0.50 0.00
WOODMERE_69_KV_BK1 55827	36.21 2.90 -0.01	32.07 2.73 -0.01	30.57 2.57 -0.01	29.72 2.53 -0.01	30.63 2.58 -0.01	33.86 2.79 -0.01	42.62 3.59 -0.01	45.78 4.01 -0.01	48.56 4.53 -0.01	48.95 4.27 -4.05	54.38 3.62 -11.81	53.16 3.52 -11.83	52.18 3.50 -11.46	52.76 3.48 -12.65	57.47 3.45 -17.76	60.90 3.33 -20.95	50.22 3.86 -6.53	53.07 3.79 -8.93	48.35 3.76 -0.94	57.36 3.90 -7.53	51.38 4.15 -0.01	51.76 3.37 -9.24	47.55 3.35 -8.95	36.95 3.25 -0.14
YORK___WARBASSE 23770	35.43 2.13 0.00	31.44 2.11 0.00	29.94 1.96 0.00	29.08 1.90 0.00	29.94 1.91 0.00	33.00 1.96 0.00	41.59 2.58 0.00	44.97 3.22 0.00	47.91 3.87 -0.03	44.40 3.74 -0.03	42.37 3.43 0.00	41.17 3.33 -0.03	50.81 3.28 -10.31	53.10 3.30 -13.17	39.56 3.26 -0.03	53.14 3.15 -13.37	51.90 3.70 -8.37	43.93 3.59 0.00	49.79 3.41 -2.72	49.32 3.40 0.00	50.85 3.64 0.00	42.20 3.01 -0.03	38.00 2.75 0.00	36.11 2.55 0.00