

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion									
Generator Data		11/28/2024																									
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00		
59TH STREET_GT_1 24138	EST	42.53	38.37	36.92	36.12	36.77	38.01	40.15	41.79	45.27	48.48	52.87	51.99	52.40	49.27	45.10	46.13	49.68	49.59	47.11	42.93	42.67	41.09	38.94	36.94		
		2.22	1.76	1.72	1.62	1.68	1.64	1.84	2.37	2.80	3.00	3.55	3.49	3.52	3.27	3.07	3.30	3.55	3.55	3.20	2.85	2.77	2.47	2.25	2.02		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-4.37	-4.58	-2.91		
74TH STREET_GT_1 24260	EST	42.61	38.41	37.00	36.19	36.84	38.04	40.15	41.79	45.27	48.43	52.87	51.99	52.39	49.27	45.10	46.13	49.68	49.59	47.16	42.97	42.72	41.12	39.01	37.00		
		2.30	1.79	1.80	1.69	1.75	1.67	1.84	2.37	2.80	2.96	3.55	3.49	3.52	3.27	3.07	3.30	3.55	3.55	3.25	2.89	2.81	2.50	2.31	2.08		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-4.37	-4.58	-2.91		
74TH STREET_GT_2 24261	EST	42.61	38.41	37.00	36.19	36.84	38.04	40.15	41.79	45.27	48.43	52.87	51.99	52.39	49.27	45.10	46.13	49.68	49.59	47.16	42.97	42.72	41.12	39.01	37.00		
		2.30	1.79	1.80	1.69	1.75	1.67	1.84	2.37	2.80	2.96	3.55	3.49	3.52	3.27	3.07	3.30	3.55	3.55	3.25	2.89	2.81	2.50	2.31	2.08		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-4.37	-4.58	-2.91		
ADK HUDSON___FALLS 24011	EST	42.86	38.77	37.28	36.57	37.12	38.48	40.57	41.91	45.48	48.75	53.02	52.18	52.44	49.09	44.85	45.62	49.04	49.03	46.81	42.81	42.62	41.86	39.67	37.55		
		2.54	2.16	2.08	2.07	2.03	2.11	2.26	2.48	3.01	3.27	3.70	3.69	3.57	3.08	2.82	2.78	2.91	2.99	2.90	2.73	2.66	2.26	1.96	1.98		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	-5.35	-5.60	-3.56		
ADK RESOURCE___RCVRY 23798	EST	43.06	38.92	37.45	36.71	37.26	38.66	40.72	42.11	45.69	49.03	53.31	52.47	52.69	49.32	45.06	45.79	49.22	49.26	47.03	43.01	42.82	42.03	39.80	37.65		
		2.74	2.31	2.25	2.21	2.18	2.29	2.41	2.68	3.23	3.55	3.99	3.98	3.81	3.31	3.03	2.95	3.09	3.22	3.12	2.92	2.86	2.43	2.09	2.08		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	-5.35	-5.61	-3.56		
ADK S GLENS___FALLS 24028	EST	42.86	38.77	37.28	36.57	37.12	38.48	40.57	41.91	45.48	48.75	53.02	52.18	52.44	49.09	44.85	45.62	49.04	49.03	46.81	42.81	42.62	41.86	39.67	37.55		
		2.54	2.16	2.08	2.07	2.03	2.11	2.26	2.48	3.01	3.27	3.70	3.69	3.57	3.08	2.82	2.78	2.91	2.99	2.90	2.73	2.66	2.26	1.96	1.98		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	-5.35	-5.60	-3.56		
ADK_NYS___DAM 23527	EST	42.49	38.37	36.96	36.23	36.87	38.22	40.38	41.71	45.05	48.25	52.43	51.60	51.96	48.81	44.68	45.58	49.13	48.99	46.76	42.53	42.45	41.45	39.36	37.28		
		2.18	1.76	1.76	1.72	1.79	1.85	2.07	2.29	2.59	2.77	3.11	3.11	3.08	2.81	2.65	2.74	3.00	2.95	2.85	2.45	2.50	2.02	1.83	1.82		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	-5.17	-5.42	-3.45		
AIR_PRODUCTS___DRP 24190	EST	41.41	37.53	36.15	35.43	36.03	37.28	38.96	40.21	43.10	46.02	50.06	49.22	49.61	46.61	42.70	43.52	46.78	46.64	44.52	41.05	40.94	40.33	38.58	36.46		
		1.09	0.92	0.95	0.93	0.95	0.91	0.65	0.79	0.64	0.55	0.74	0.73	0.73	0.60	0.67	0.69	0.65	0.60	0.61	0.96	0.99	0.89	1.03	0.99		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.32	-5.19	-5.44	-3.46		
AKWESSNE_115KV_BK 355683	EST	40.56	37.67	36.22	35.68	36.45	36.88	39.15	40.14	42.85	46.25	49.61	49.12	49.66	46.47	42.41	42.62	45.58	44.94	42.77	38.40	38.37	32.98	31.02	31.24		
		0.24	1.06	1.02	1.17	1.37	0.51	0.84	0.71	0.38	0.77	0.30	0.63	0.78	0.46	0.38	-0.21	-0.55	-1.10	-1.14	-1.68	-1.27	-1.27	-1.09	-0.77		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ALBANY_1_SOLAR 323833	EST	41.89	37.93	36.54	35.81	36.38	37.64	39.46	40.65	43.74	46.80	50.85	50.05	50.34	47.29	43.29	44.12	47.42	47.42	45.27	41.57	41.41	40.62	38.71	36.69		
		1.57	1.32	1.34	1.31	1.30	1.27	1.15	1.22	1.27	1.32	1.53	1.55	1.46	1.29	1.26	1.28	1.29	1.38	1.36	1.48	1.47	1.27	1.25	1.28		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	-5.10	-5.35	-3.40		
ALBANY_2_SOLAR 323834	EST	41.89	37.93	36.54	35.81	36.38	37.64	39.46	40.65	43.74	46.80	50.85	50.00	50.34	47.29	43.29	44.12	47.42	47.42	45.27	41.53	41.37	40.62	38.71	36.65		
		1.57	1.32	1.34	1.31	1.30	1.27	1.15	1.22	1.27	1.32	1.53	1.50	1.46	1.29	1.26	1.28	1.29	1.38	1.36	1.44	1.42	1.27	1.25	1.25		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	-5.10	-5.35	-3.40		
ALBANY___1 23571	EST	41.41	37.53	36.15	35.43	36.03	37.28	38.96	40.21	43.10	46.02	50.06	49.22	49.61	46.61	42.70	43.52	46.78	46.64	44.52	41.05	40.94	40.33	38.58	36.46		
		1.09	0.92	0.95	0.93	0.95	0.91	0.65	0.79	0.64	0.55	0.74	0.73	0.73	0.60	0.67	0.69	0.65	0.60	0.61	0.96	0.99	0.89	1.03	0.99		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.32	-5.19	-5.44	-3.46		

ALBANY___2 23572	41.41 1.09 0.00	37.53 0.92 0.00	36.15 0.95 0.00	35.43 0.93 0.00	36.03 0.95 0.00	37.28 0.91 0.00	38.96 0.65 0.00	40.21 0.79 0.00	43.10 0.64 0.00	46.02 0.55 0.00	50.06 0.74 0.00	49.22 0.73 0.00	49.61 0.73 0.00	46.61 0.60 0.00	42.70 0.67 0.00	43.52 0.69 0.00	46.78 0.65 0.00	46.64 0.60 0.00	44.52 0.61 0.00	41.05 0.96 0.00	40.94 0.99 -0.32	40.33 0.89 -5.19	38.58 1.03 -5.44	36.46 0.99 -3.46
ALBANY___3 23573	41.41 1.09 0.00	37.53 0.92 0.00	36.15 0.95 0.00	35.43 0.93 0.00	36.03 0.95 0.00	37.28 0.91 0.00	38.96 0.65 0.00	40.21 0.79 0.00	43.10 0.64 0.00	46.02 0.55 0.00	50.06 0.74 0.00	49.22 0.73 0.00	49.61 0.73 0.00	46.61 0.60 0.00	42.70 0.67 0.00	43.52 0.69 0.00	46.78 0.65 0.00	46.64 0.60 0.00	44.52 0.61 0.00	41.05 0.96 0.00	40.94 0.99 -0.32	40.33 0.89 -5.19	38.58 1.03 -5.44	36.46 0.99 -3.46
ALBANY___4 23574	41.41 1.09 0.00	37.53 0.92 0.00	36.15 0.95 0.00	35.43 0.93 0.00	36.03 0.95 0.00	37.28 0.91 0.00	38.96 0.65 0.00	40.21 0.79 0.00	43.10 0.64 0.00	46.02 0.55 0.00	50.06 0.74 0.00	49.22 0.73 0.00	49.61 0.73 0.00	46.61 0.60 0.00	42.70 0.67 0.00	43.52 0.69 0.00	46.78 0.65 0.00	46.64 0.60 0.00	44.52 0.61 0.00	41.05 0.96 0.00	40.94 0.99 -0.32	40.33 0.89 -5.19	38.58 1.03 -5.44	36.46 0.99 -3.46
ALBANY___LFGE 323615	41.69 1.37 0.00	37.75 1.14 0.00	36.36 1.16 0.00	35.64 1.14 0.00	36.24 1.16 0.00	37.46 1.09 0.00	39.23 0.92 0.00	40.49 1.06 0.00	43.48 1.02 0.00	46.52 1.05 0.00	50.60 1.28 0.00	49.80 1.31 0.00	50.14 1.27 0.00	47.11 1.10 0.00	43.12 1.09 0.00	43.95 1.11 0.00	47.19 1.06 0.00	47.10 1.06 0.00	44.96 1.05 0.00	41.37 1.28 0.00	41.26 1.31 -0.32	40.65 1.17 -5.23	38.82 1.22 -5.49	36.68 1.18 -3.49
ALCOA_PA_115KV_PL-6C 55860	40.76 0.44 0.00	37.86 1.24 0.00	36.43 1.23 0.00	35.85 1.35 0.00	36.66 1.58 0.00	37.02 0.65 0.00	39.34 1.03 0.00	40.33 0.91 0.00	43.06 0.59 0.00	46.48 1.00 0.00	49.86 0.54 0.00	49.32 0.82 0.00	49.90 1.03 0.00	46.65 0.64 0.00	42.58 0.55 0.00	42.84 0.00 0.00	45.76 -0.37 0.00	45.17 -0.87 0.00	42.94 -0.97 0.00	38.56 -1.52 0.00	38.53 -1.11 0.00	33.19 -1.13 -0.07	31.22 -0.96 -0.07	31.41 -0.64 -0.04
ALCOA_RYNLDS___DRP 24188	40.76 0.44 0.00	37.86 1.24 0.00	36.43 1.23 0.00	35.85 1.35 0.00	36.66 1.58 0.00	37.02 0.65 0.00	39.34 1.03 0.00	40.33 0.91 0.00	43.06 0.59 0.00	46.48 1.00 0.00	49.86 0.54 0.00	49.32 0.82 0.00	49.90 1.03 0.00	46.65 0.64 0.00	42.58 0.55 0.00	42.84 0.00 0.00	45.76 -0.37 0.00	45.17 -0.87 0.00	42.94 -0.97 0.00	38.56 -1.52 0.00	38.53 -1.11 0.00	33.19 -1.13 -0.07	31.22 -0.96 -0.07	31.41 -0.64 -0.04
ALCOA___DSASP 323711	40.76 0.44 0.00	37.86 1.25 0.00	36.43 1.23 0.00	35.85 1.34 0.00	36.67 1.58 0.00	37.02 0.66 0.00	39.34 1.03 0.00	40.33 0.91 0.00	43.06 0.59 0.00	46.48 1.00 0.00	49.86 0.54 0.00	49.32 0.82 0.00	49.80 0.93 0.00	46.65 0.64 0.00	42.57 0.54 0.00	42.84 0.00 0.00	45.76 -0.37 0.00	45.16 -0.88 0.00	42.94 -0.97 0.00	38.56 -1.52 0.00	38.53 -1.11 0.00	33.19 -1.13 -0.07	31.22 -0.96 -0.07	31.41 -0.64 -0.04
ALLEGHENY___COGEN 23514	39.79 -0.53 0.00	36.65 0.04 0.00	34.99 -0.21 0.00	34.30 -0.21 0.00	34.91 -0.17 0.00	36.66 0.29 0.00	38.58 0.27 0.00	39.58 0.16 0.00	42.21 -0.25 0.00	44.57 -0.91 0.00	47.69 -1.63 0.00	46.50 -1.99 0.00	46.73 -2.15 0.00	44.31 -1.70 0.00	40.30 -1.73 0.00	41.12 -1.71 0.00	44.84 -1.29 0.00	45.35 -0.69 0.00	43.65 -0.26 0.00	40.25 0.16 0.00	39.44 -0.24 -0.04	34.74 -0.20 -0.69	32.46 -0.38 -0.73	32.09 -0.38 -0.46
ALTAMONT_115KV_TB 2 55880	41.37 1.05 0.00	37.45 0.84 0.00	36.08 0.88 0.00	35.37 0.86 0.00	35.93 0.84 0.00	37.20 0.84 0.00	39.11 0.80 0.00	40.37 0.95 0.00	43.53 1.06 0.00	46.57 1.09 0.00	50.60 1.28 0.00	49.76 1.26 0.00	50.10 1.22 0.00	47.11 1.10 0.00	43.12 1.09 0.00	43.95 1.11 0.00	47.33 1.20 0.00	47.24 1.20 0.00	45.05 1.14 0.00	41.21 1.12 0.00	41.10 1.15 -0.32	40.43 0.99 -5.19	38.51 0.96 -5.44	36.39 0.93 -3.46
ALTONA_WT_PWR 323606	40.76 0.44 0.00	38.00 1.39 0.00	36.57 1.37 0.00	36.06 1.55 0.00	36.91 1.82 0.00	37.31 0.94 0.00	39.68 1.38 0.00	40.69 1.26 0.00	43.44 0.98 0.00	46.89 1.41 0.00	50.25 0.93 0.00	49.71 1.21 0.00	50.14 1.27 0.00	47.02 1.01 0.00	42.95 0.92 0.00	43.22 0.38 0.00	46.22 0.09 0.00	45.58 -0.46 0.00	43.38 -0.52 0.00	38.92 -1.16 0.00	38.80 -0.83 0.00	33.29 -0.96 0.00	31.21 -0.90 0.00	31.33 -0.67 0.00
AMERICAN_REF_FUEL 24010	36.49 -3.83 0.00	34.01 -2.60 0.00	32.28 -2.92 0.00	31.67 -2.83 0.00	32.21 -2.88 0.00	33.89 -2.47 0.00	35.51 -2.79 0.00	35.92 -3.51 0.00	38.52 -3.95 0.00	40.84 -4.64 0.00	43.50 -5.82 0.00	42.53 -5.97 0.00	42.76 -6.11 0.00	40.81 -5.20 0.00	37.32 -4.71 0.00	37.95 -4.88 0.00	41.15 -4.98 0.00	41.16 -4.88 0.00	39.65 -4.26 0.00	36.72 -3.37 0.00	35.94 -3.73 -0.04	31.84 -3.01 -0.60	29.76 -2.99 -0.63	29.75 -2.66 -0.40
ARKWRIGHT___SUMMIT_WT_PWR 323751	38.22 -2.10 0.00	35.66 -0.95 0.00	34.15 -1.06 0.00	33.50 -1.00 0.00	34.10 -0.98 0.00	35.86 -0.51 0.00	37.62 -0.69 0.00	38.20 -1.22 0.00	41.02 -1.44 0.00	43.70 -1.77 0.00	46.65 -2.66 0.00	45.44 -3.05 0.00	45.55 -3.33 0.00	43.29 -2.71 0.00	39.38 -2.65 0.00	39.97 -2.87 0.00	43.31 -2.82 0.00	43.37 -2.67 0.00	41.67 -2.24 0.00	38.48 -1.60 0.00	37.18 -2.50 -0.04	32.76 -2.16 -0.67	30.53 -2.28 -0.70	30.37 -2.08 -0.45
ARTHUR KILL_GT_1 23520	43.07 2.74 -0.01	38.85 2.23 -0.01	37.36 2.15 -0.01	36.55 2.04 -0.01	37.20 2.11 -0.01	38.15 1.78 0.00	39.88 1.57 0.00	41.28 1.85 0.00	44.50 2.04 0.00	47.62 2.14 0.00	51.98 2.66 0.00	51.16 2.67 0.00	51.56 2.69 0.00	48.49 2.48 0.00	44.42 2.39 0.00	45.45 2.61 0.00	49.04 2.91 0.00	48.90 2.86 0.00	46.50 2.59 0.00	42.37 2.28 0.00	42.12 2.22 -0.27	40.88 2.26 -4.37	39.04 2.34 -4.59	37.13 2.21 -2.92
ARTHUR_KILL_2 23512	42.94 2.62 -0.01	38.78 2.16 -0.01	37.25 2.04 -0.01	36.48 1.97 -0.01	37.09 2.00 -0.01	38.04 1.67 0.00	39.76 1.46 0.00	41.16 1.73 0.00	44.38 1.91 0.00	47.48 2.00 0.00	51.88 2.56 0.00	51.01 2.52 0.00	51.46 2.59 0.00	48.40 2.39 0.00	44.30 2.27 0.00	45.36 2.53 0.00	48.90 2.77 0.00	48.76 2.72 0.00	46.41 2.50 0.00	42.29 2.20 0.00	42.04 2.14 -0.27	40.78 2.16 -4.37	38.98 2.28 -4.59	37.07 2.14 -2.92
ARTHUR_KILL_3 23513	42.21 1.90 0.00	38.04 1.43 0.00	36.61 1.41 0.00	35.85 1.34 0.00	36.45 1.37 0.00	37.68 1.31 0.00	39.80 1.49 0.00	41.51 2.09 0.00	44.93 2.46 0.00	48.11 2.64 0.00	52.48 3.16 0.00	51.60 3.11 0.00	52.01 3.13 0.00	48.91 2.90 0.00	44.80 2.77 0.00	45.79 2.95 0.00	49.31 3.18 0.00	49.26 3.22 0.00	46.85 2.94 0.00	42.69 2.60 0.00	42.44 2.54 -0.27	40.88 2.26 -4.37	38.75 2.06 -4.58	36.71 1.79 -2.91

ARTHUR_KILL_COGEN 323718	43.07 2.74 -0.01	38.85 2.23 -0.01	37.36 2.15 -0.01	36.55 2.04 -0.01	37.20 2.11 -0.01	38.15 1.78 0.00	39.88 1.57 0.00	41.28 1.85 0.00	44.50 2.04 0.00	47.62 2.14 0.00	51.98 2.66 0.00	51.16 2.67 0.00	51.56 2.69 0.00	48.49 2.48 0.00	44.42 2.39 0.00	45.45 2.61 0.00	49.04 2.91 0.00	48.90 2.86 0.00	46.50 2.59 0.00	42.37 2.28 0.00	42.12 2.22 -0.27	40.88 2.26 -4.37	39.04 2.34 -4.59	37.13 2.21 -2.92
ASHOKAN____ 23654	41.81 1.49 0.00	37.71 1.10 0.00	36.40 1.20 0.00	35.68 1.17 0.00	36.21 1.12 0.00	37.38 1.02 0.00	39.27 0.96 0.00	40.41 0.99 0.00	43.70 1.23 0.00	46.57 1.09 0.00	50.55 1.23 0.00	49.66 1.16 0.00	49.95 1.07 0.00	46.93 0.92 0.00	43.04 1.01 0.00	44.08 1.24 0.00	47.56 1.43 0.00	47.38 1.34 0.00	45.18 1.27 0.00	41.25 1.16 0.00	41.11 1.19 -0.29	38.96 -0.03 -4.74	37.11 0.03 -4.97	35.29 0.13 -3.16
ASTORIA_EAST_ENERGY_CC1 323581	42.42 2.10 -0.01	38.27 1.65 -0.01	36.97 1.76 -0.01	36.24 1.72 -0.01	36.85 1.75 -0.01	37.82 1.46 0.00	39.61 1.30 0.00	41.31 1.89 0.01	44.75 2.29 0.01	47.88 2.41 0.01	52.27 2.96 0.01	51.40 2.91 0.01	51.85 2.98 0.01	48.71 2.71 0.01	44.63 2.61 0.01	45.65 2.83 0.01	49.17 3.04 0.01	49.07 3.04 0.01	46.62 2.72 0.01	42.48 2.40 0.01	42.35 2.46 -0.26	41.09 2.47 -4.37	39.24 2.54 -4.59	37.20 2.27 -2.92
ASTORIA_EAST_ENERGY_CC2 323582	42.42 2.10 -0.01	38.27 1.65 -0.01	36.97 1.76 -0.01	36.24 1.72 -0.01	36.85 1.75 -0.01	37.82 1.46 0.00	39.61 1.30 0.00	41.31 1.89 0.01	44.75 2.29 0.01	47.88 2.41 0.01	52.27 2.96 0.01	51.40 2.91 0.01	51.85 2.98 0.01	48.71 2.71 0.01	44.63 2.61 0.01	45.65 2.83 0.01	49.17 3.04 0.01	49.07 3.04 0.01	46.62 2.72 0.01	42.48 2.40 0.01	42.35 2.46 -0.26	41.09 2.47 -4.37	39.24 2.54 -4.59	37.20 2.27 -2.92
ASTORIA_GT2_1 24094	42.38 2.06 -0.01	38.27 1.65 -0.01	36.97 1.76 -0.01	36.24 1.73 -0.01	36.85 1.75 -0.01	37.82 1.45 0.00	39.65 1.34 0.00	41.32 1.89 0.00	44.80 2.34 0.00	47.93 2.46 0.00	52.28 2.96 0.00	51.45 2.96 0.00	51.86 2.98 0.00	48.77 2.76 0.00	44.68 2.65 0.00	45.66 2.83 0.00	49.22 3.09 0.00	49.12 3.08 0.00	46.67 2.77 0.00	42.53 2.45 0.00	42.36 2.46 -0.27	41.02 2.45 -4.37	39.24 2.54 -4.59	37.20 2.27 -2.92
ASTORIA_GT2_2 24095	42.38 2.06 -0.01	38.27 1.65 -0.01	36.97 1.76 -0.01	36.24 1.73 -0.01	36.85 1.75 -0.01	37.82 1.45 0.00	39.65 1.34 0.00	41.32 1.89 0.00	44.80 2.34 0.00	47.93 2.46 0.00	52.28 2.96 0.00	51.45 2.96 0.00	51.86 2.98 0.00	48.77 2.76 0.00	44.68 2.65 0.00	45.66 2.83 0.00	49.22 3.09 0.00	49.12 3.08 0.00	46.67 2.77 0.00	42.53 2.45 0.00	42.36 2.46 -0.27	41.02 2.45 -4.37	39.24 2.54 -4.59	37.20 2.27 -2.92
ASTORIA_GT2_3 24096	42.38 2.06 -0.01	38.27 1.65 -0.01	36.97 1.76 -0.01	36.24 1.73 -0.01	36.85 1.75 -0.01	37.82 1.45 0.00	39.65 1.34 0.00	41.32 1.89 0.00	44.80 2.34 0.00	47.93 2.46 0.00	52.28 2.96 0.00	51.45 2.96 0.00	51.86 2.98 0.00	48.77 2.76 0.00	44.68 2.65 0.00	45.66 2.83 0.00	49.22 3.09 0.00	49.12 3.08 0.00	46.67 2.77 0.00	42.53 2.45 0.00	42.36 2.46 -0.27	41.02 2.45 -4.37	39.24 2.54 -4.59	37.20 2.27 -2.92
ASTORIA_GT2_4 24097	42.38 2.06 -0.01	38.27 1.65 -0.01	36.97 1.76 -0.01	36.24 1.73 -0.01	36.85 1.75 -0.01	37.82 1.45 0.00	39.65 1.34 0.00	41.32 1.89 0.00	44.80 2.34 0.00	47.93 2.46 0.00	52.28 2.96 0.00	51.45 2.96 0.00	51.86 2.98 0.00	48.77 2.76 0.00	44.68 2.65 0.00	45.66 2.83 0.00	49.22 3.09 0.00	49.12 3.08 0.00	46.67 2.77 0.00	42.53 2.45 0.00	42.36 2.46 -0.27	41.02 2.45 -4.37	39.24 2.54 -4.59	37.20 2.27 -2.92
ASTORIA_GT3_1 24098	42.38 2.06 -0.01	38.27 1.65 -0.01	36.97 1.76 -0.01	36.24 1.73 -0.01	36.85 1.75 -0.01	37.82 1.45 0.00	39.65 1.34 0.00	41.32 1.89 0.00	44.80 2.34 0.00	47.93 2.46 0.00	52.28 2.96 0.00	51.45 2.96 0.00	51.86 2.98 0.00	48.77 2.76 0.00	44.68 2.65 0.00	45.66 2.83 0.00	49.22 3.09 0.00	49.12 3.08 0.00	46.67 2.77 0.00	42.53 2.45 0.00	42.36 2.46 -0.27	41.02 2.45 -4.37	39.24 2.54 -4.59	37.20 2.27 -2.92
ASTORIA_GT3_2 24099	42.38 2.06 -0.01	38.27 1.65 -0.01	36.97 1.76 -0.01	36.24 1.73 -0.01	36.85 1.75 -0.01	37.82 1.45 0.00	39.65 1.34 0.00	41.32 1.89 0.00	44.80 2.34 0.00	47.93 2.46 0.00	52.28 2.96 0.00	51.45 2.96 0.00	51.86 2.98 0.00	48.77 2.76 0.00	44.68 2.65 0.00	45.66 2.83 0.00	49.22 3.09 0.00	49.12 3.08 0.00	46.67 2.77 0.00	42.53 2.45 0.00	42.36 2.46 -0.27	41.02 2.45 -4.37	39.24 2.54 -4.59	37.20 2.27 -2.92
ASTORIA_GT3_3 24100	42.38 2.06 -0.01	38.27 1.65 -0.01	36.97 1.76 -0.01	36.24 1.73 -0.01	36.85 1.75 -0.01	37.82 1.45 0.00	39.65 1.34 0.00	41.32 1.89 0.00	44.80 2.34 0.00	47.93 2.46 0.00	52.28 2.96 0.00	51.45 2.96 0.00	51.86 2.98 0.00	48.77 2.76 0.00	44.68 2.65 0.00	45.66 2.83 0.00	49.22 3.09 0.00	49.12 3.08 0.00	46.67 2.77 0.00	42.53 2.45 0.00	42.36 2.46 -0.27	41.02 2.45 -4.37	39.24 2.54 -4.59	37.20 2.27 -2.92
ASTORIA_GT3_4 24101	42.38 2.06 -0.01	38.27 1.65 -0.01	36.97 1.76 -0.01	36.24 1.73 -0.01	36.85 1.75 -0.01	37.82 1.45 0.00	39.65 1.34 0.00	41.32 1.89 0.00	44.80 2.34 0.00	47.93 2.46 0.00	52.28 2.96 0.00	51.45 2.96 0.00	51.86 2.98 0.00	48.77 2.76 0.00	44.68 2.65 0.00	45.66 2.83 0.00	49.22 3.09 0.00	49.12 3.08 0.00	46.67 2.77 0.00	42.53 2.45 0.00	42.36 2.46 -0.27	41.02 2.45 -4.37	39.24 2.54 -4.59	37.20 2.27 -2.92
ASTORIA_GT4_1 24102	42.38 2.06 -0.01	38.27 1.65 -0.01	36.97 1.76 -0.01	36.24 1.73 -0.01	36.85 1.75 -0.01	37.82 1.45 0.00	39.65 1.34 0.00	41.32 1.89 0.00	44.80 2.34 0.00	47.93 2.46 0.00	52.28 2.96 0.00	51.45 2.96 0.00	51.86 2.98 0.00	48.77 2.76 0.00	44.68 2.65 0.00	45.66 2.83 0.00	49.22 3.09 0.00	49.12 3.08 0.00	46.67 2.77 0.00	42.53 2.45 0.00	42.36 2.46 -0.27	41.02 2.45 -4.37	39.24 2.54 -4.59	37.20 2.27 -2.92
ASTORIA_GT4_2 24103	42.38 2.06 -0.01	38.27 1.65 -0.01	36.97 1.76 -0.01	36.24 1.73 -0.01	36.85 1.75 -0.01	37.82 1.45 0.00	39.65 1.34 0.00	41.32 1.89 0.00	44.80 2.34 0.00	47.93 2.46 0.00	52.28 2.96 0.00	51.45 2.96 0.00	51.86 2.98 0.00	48.77 2.76 0.00	44.68 2.65 0.00	45.66 2.83 0.00	49.22 3.09 0.00	49.12 3.08 0.00	46.67 2.77 0.00	42.53 2.45 0.00	42.36 2.46 -0.27	41.02 2.45 -4.37	39.24 2.54 -4.59	37.20 2.27 -2.92
ASTORIA_GT4_3 24104	42.38 2.06 -0.01	38.27 1.65 -0.01	36.97 1.76 -0.01	36.24 1.73 -0.01	36.85 1.75 -0.01	37.82 1.45 0.00	39.65 1.34 0.00	41.32 1.89 0.00	44.80 2.34 0.00	47.93 2.46 0.00	52.28 2.96 0.00	51.45 2.96 0.00	51.86 2.98 0.00	48.77 2.76 0.00	44.68 2.65 0.00	45.66 2.83 0.00	49.22 3.09 0.00	49.12 3.08 0.00	46.67 2.77 0.00	42.53 2.45 0.00	42.36 2.46 -0.27	41.02 2.45 -4.37	39.24 2.54 -4.59	37.20 2.27 -2.92

ASTORIA_GT4_4 24105	42.38 2.06 -0.01	38.27 1.65 -0.01	36.97 1.76 -0.01	36.24 1.73 -0.01	36.85 1.75 -0.01	37.82 1.45 0.00	39.65 1.34 0.00	41.32 1.89 0.00	44.80 2.34 0.00	47.93 2.46 0.00	52.28 2.96 0.00	51.45 2.96 0.00	51.86 2.98 0.00	48.77 2.76 0.00	44.68 2.65 0.00	45.66 2.83 0.00	49.22 3.09 0.00	49.12 3.08 0.00	46.67 2.77 0.00	42.53 2.45 0.00	42.36 2.46 -0.27	41.02 2.40 -4.37	39.24 2.54 -4.59	37.20 2.27 -2.92
ASTORIA_GT_1 23523	42.50 2.18 -0.01	38.34 1.72 -0.01	37.04 1.83 -0.01	36.27 1.76 -0.01	36.92 1.82 -0.01	37.86 1.49 0.00	39.68 1.38 0.00	41.39 1.97 0.01	44.83 2.38 0.01	48.02 2.55 0.01	52.37 3.06 0.01	51.54 3.06 0.01	51.95 3.08 0.01	48.85 2.85 0.01	44.75 2.73 0.01	45.74 2.91 0.01	49.30 3.18 0.01	49.16 3.13 0.01	46.75 2.85 0.01	42.56 2.49 0.01	42.43 2.54 -0.26	41.16 2.53 -4.37	39.30 2.60 -4.59	37.23 2.31 -2.92
ASTORIA_GT_10 24110	42.58 2.26 -0.01	38.41 1.79 -0.01	37.00 1.80 -0.01	36.20 1.69 -0.01	36.85 1.75 -0.01	37.93 1.56 0.00	39.88 1.57 0.00	41.48 2.05 0.00	44.93 2.46 0.00	48.07 2.59 0.00	52.42 3.11 0.00	51.60 3.10 0.00	52.00 3.13 0.00	48.91 2.90 0.00	44.80 2.77 0.00	45.79 2.96 0.00	49.36 3.23 0.00	49.22 3.18 0.00	46.81 2.90 0.00	42.65 2.57 0.00	42.40 2.50 -0.27	40.95 2.33 -4.37	39.05 2.34 -4.59	37.01 2.08 -2.92
ASTORIA_GT_11 24225	42.58 2.26 -0.01	38.41 1.79 -0.01	37.00 1.80 -0.01	36.20 1.69 -0.01	36.85 1.75 -0.01	37.93 1.56 0.00	39.88 1.57 0.00	41.48 2.05 0.00	44.93 2.46 0.00	48.07 2.59 0.00	52.42 3.11 0.00	51.60 3.10 0.00	52.00 3.13 0.00	48.91 2.90 0.00	44.80 2.77 0.00	45.79 2.96 0.00	49.36 3.23 0.00	49.22 3.18 0.00	46.81 2.90 0.00	42.65 2.57 0.00	42.40 2.50 -0.27	40.95 2.33 -4.37	39.05 2.34 -4.59	37.01 2.08 -2.92
ASTORIA_GT_12 24226	42.58 2.26 -0.01	38.41 1.79 -0.01	37.00 1.80 -0.01	36.20 1.69 -0.01	36.85 1.75 -0.01	37.93 1.56 0.00	39.88 1.57 0.00	41.48 2.05 0.00	44.93 2.46 0.00	48.07 2.59 0.00	52.42 3.11 0.00	51.60 3.10 0.00	52.00 3.13 0.00	48.91 2.90 0.00	44.80 2.77 0.00	45.79 2.96 0.00	49.36 3.23 0.00	49.22 3.18 0.00	46.81 2.90 0.00	42.65 2.57 0.00	42.40 2.50 -0.27	40.95 2.33 -4.37	39.05 2.34 -4.59	37.01 2.08 -2.92
ASTORIA_GT_13 24227	42.58 2.26 -0.01	38.41 1.79 -0.01	37.00 1.80 -0.01	36.20 1.69 -0.01	36.85 1.75 -0.01	37.93 1.56 0.00	39.88 1.57 0.00	41.48 2.05 0.00	44.93 2.46 0.00	48.07 2.59 0.00	52.42 3.11 0.00	51.60 3.10 0.00	52.00 3.13 0.00	48.91 2.90 0.00	44.80 2.77 0.00	45.79 2.96 0.00	49.36 3.23 0.00	49.22 3.18 0.00	46.81 2.90 0.00	42.65 2.57 0.00	42.40 2.50 -0.27	40.95 2.33 -4.37	39.05 2.34 -4.59	37.01 2.08 -2.92
ASTORIA_GT_5 24106	42.42 2.10 -0.01	38.34 1.72 -0.01	37.04 1.83 -0.01	36.27 1.76 -0.01	36.92 1.82 -0.01	37.86 1.49 0.00	39.69 1.38 0.00	41.40 1.97 0.00	44.84 2.38 0.00	47.98 2.50 0.00	52.37 3.06 0.00	51.55 3.06 0.00	51.95 3.08 0.00	48.86 2.85 0.00	44.76 2.73 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.57 2.49 0.00	42.44 2.54 -0.27	41.09 2.47 -4.37	39.30 2.60 -4.59	37.23 2.30 -2.92
ASTORIA_GT_7 24107	42.42 2.10 -0.01	38.34 1.72 -0.01	37.04 1.83 -0.01	36.27 1.76 -0.01	36.92 1.82 -0.01	37.86 1.49 0.00	39.69 1.38 0.00	41.40 1.97 0.00	44.84 2.38 0.00	47.98 2.50 0.00	52.37 3.06 0.00	51.55 3.06 0.00	51.95 3.08 0.00	48.86 2.85 0.00	44.76 2.73 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.57 2.49 0.00	42.44 2.54 -0.27	41.09 2.47 -4.37	39.30 2.60 -4.59	37.23 2.30 -2.92
ASTORIA_GT_8 24108	42.42 2.10 -0.01	38.34 1.72 -0.01	37.04 1.83 -0.01	36.27 1.76 -0.01	36.92 1.82 -0.01	37.86 1.49 0.00	39.69 1.38 0.00	41.40 1.97 0.00	44.84 2.38 0.00	47.98 2.50 0.00	52.37 3.06 0.00	51.55 3.06 0.00	51.95 3.08 0.00	48.86 2.85 0.00	44.76 2.73 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.57 2.49 0.00	42.44 2.54 -0.27	41.09 2.47 -4.37	39.30 2.60 -4.59	37.23 2.30 -2.92
ASTORIA___2 24149	42.42 2.10 -0.01	38.31 1.69 -0.01	36.97 1.76 -0.01	36.24 1.72 -0.01	36.85 1.75 -0.01	37.82 1.46 0.00	39.65 1.34 0.00	41.31 1.89 0.01	44.79 2.33 0.01	47.92 2.45 0.01	52.27 2.96 0.01	51.45 2.96 0.01	51.85 2.98 0.01	48.76 2.76 0.01	44.67 2.65 0.01	45.65 2.83 0.01	49.21 3.09 0.01	49.07 3.04 0.01	46.67 2.77 0.01	42.52 2.45 0.01	42.35 2.46 -0.26	41.09 2.47 -4.37	39.24 2.54 -4.59	37.20 2.27 -2.92
ASTORIA___3 23516	42.62 2.30 -0.01	38.45 1.83 -0.01	37.00 1.79 -0.01	36.20 1.69 -0.01	36.85 1.75 -0.01	37.93 1.56 0.00	39.88 1.57 0.00	41.47 2.05 0.00	44.93 2.46 0.00	48.07 2.59 0.00	52.43 3.11 0.00	51.60 3.11 0.00	52.01 3.13 0.00	48.91 2.90 0.00	44.80 2.77 0.00	45.79 2.95 0.00	49.36 3.23 0.00	49.21 3.17 0.00	46.81 2.90 0.00	42.65 2.57 0.00	42.40 2.50 -0.27	40.98 2.36 -4.37	39.04 2.34 -4.59	37.01 2.08 -2.92
ASTORIA___4 23517	42.58 2.26 -0.01	38.41 1.79 -0.01	37.00 1.80 -0.01	36.20 1.69 -0.01	36.85 1.75 -0.01	37.93 1.56 0.00	39.88 1.57 0.00	41.48 2.05 0.00	44.93 2.46 0.00	48.07 2.59 0.00	52.42 3.11 0.00	51.60 3.10 0.00	52.00 3.13 0.00	48.91 2.90 0.00	44.80 2.77 0.00	45.79 2.96 0.00	49.36 3.23 0.00	49.22 3.18 0.00	46.81 2.90 0.00	42.65 2.57 0.00	42.40 2.50 -0.27	40.95 2.33 -4.37	39.05 2.34 -4.59	37.01 2.08 -2.92
ASTORIA___5 23518	42.62 2.30 -0.01	38.45 1.83 -0.01	37.00 1.79 -0.01	36.20 1.69 -0.01	36.85 1.75 -0.01	37.93 1.56 0.00	39.88 1.57 0.00	41.47 2.05 0.00	44.93 2.46 0.00	48.07 2.59 0.00	52.43 3.11 0.00	51.60 3.11 0.00	52.01 3.13 0.00	48.91 2.90 0.00	44.80 2.77 0.00	45.79 2.95 0.00	49.36 3.23 0.00	49.21 3.17 0.00	46.81 2.90 0.00	42.65 2.57 0.00	42.40 2.50 -0.27	40.98 2.36 -4.37	39.04 2.34 -4.59	37.01 2.08 -2.92
AST_ENERGY_2_CC3 323677	42.37 2.06 0.00	38.22 1.61 0.00	36.79 1.59 0.00	36.02 1.52 0.00	36.63 1.54 0.00	37.78 1.42 0.00	39.92 1.61 0.00	41.55 2.13 0.00	44.93 2.46 0.00	48.07 2.59 0.00	52.43 3.11 0.00	51.55 3.06 0.00	51.96 3.08 0.00	48.86 2.85 0.00	44.80 2.77 0.00	45.79 2.95 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.81 2.90 0.00	42.69 2.60 0.00	42.44 2.54 -0.27	40.95 2.33 -4.37	38.88 2.18 -4.58	36.84 1.92 -2.91
AST_ENERGY_2_CC4 323678	42.37 2.06 0.00	38.22 1.61 0.00	36.79 1.59 0.00	36.02 1.52 0.00	36.63 1.54 0.00	37.78 1.42 0.00	39.92 1.61 0.00	41.55 2.13 0.00	44.93 2.46 0.00	48.07 2.59 0.00	52.43 3.11 0.00	51.55 3.06 0.00	51.96 3.08 0.00	48.86 2.85 0.00	44.80 2.77 0.00	45.79 2.95 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.81 2.90 0.00	42.69 2.60 0.00	42.44 2.54 -0.27	40.95 2.33 -4.37	38.88 2.18 -4.58	36.84 1.92 -2.91

ATHENS_STG_1 23668	41.44 1.13 0.00	37.49 0.88 0.00	36.11 0.91 0.00	35.37 0.86 0.00	35.96 0.88 0.00	37.24 0.87 0.00	39.23 0.92 0.00	40.61 1.18 0.00	43.86 1.40 0.00	46.93 1.45 0.00	51.04 1.73 0.00	50.19 1.70 0.00	50.58 1.71 0.00	47.57 1.57 0.00	43.50 1.47 0.00	44.42 1.59 0.00	47.84 1.71 0.00	47.74 1.70 0.00	45.49 1.58 0.00	41.49 1.40 0.00	41.35 1.42 -0.29	40.18 1.23 -4.70	38.16 1.12 -4.92	36.19 1.05 -3.13
ATHENS_STG_2 23670	41.44 1.13 0.00	37.49 0.88 0.00	36.11 0.91 0.00	35.37 0.86 0.00	35.96 0.88 0.00	37.24 0.87 0.00	39.23 0.92 0.00	40.61 1.18 0.00	43.86 1.40 0.00	46.93 1.45 0.00	51.04 1.73 0.00	50.19 1.70 0.00	50.58 1.71 0.00	47.57 1.57 0.00	43.50 1.47 0.00	44.42 1.59 0.00	47.84 1.71 0.00	47.74 1.70 0.00	45.49 1.58 0.00	41.49 1.40 0.00	41.35 1.42 -0.29	40.18 1.23 -4.70	38.16 1.12 -4.92	36.19 1.05 -3.13
ATHENS_STG_3 23677	41.44 1.13 0.00	37.49 0.88 0.00	36.11 0.91 0.00	35.37 0.86 0.00	35.96 0.88 0.00	37.24 0.87 0.00	39.23 0.92 0.00	40.61 1.18 0.00	43.86 1.40 0.00	46.93 1.45 0.00	51.04 1.73 0.00	50.19 1.70 0.00	50.58 1.71 0.00	47.57 1.57 0.00	43.50 1.47 0.00	44.42 1.59 0.00	47.84 1.71 0.00	47.74 1.70 0.00	45.49 1.58 0.00	41.49 1.40 0.00	41.35 1.42 -0.29	40.18 1.23 -4.70	38.16 1.12 -4.92	36.19 1.05 -3.13
AUBURN___LFGE 323710	39.91 -0.40 0.00	36.36 -0.26 0.00	34.88 -0.32 0.00	34.19 -0.31 0.00	34.77 -0.32 0.00	36.19 -0.18 0.00	38.12 -0.19 0.00	39.19 -0.24 0.00	42.17 -0.30 0.00	45.16 -0.32 0.00	48.77 -0.54 0.00	47.96 -0.53 0.00	48.34 -0.54 0.00	45.55 -0.46 0.00	41.48 -0.55 0.00	42.24 -0.60 0.00	45.58 -0.55 0.00	45.58 -0.46 0.00	43.51 -0.40 0.00	39.81 -0.28 0.00	39.27 -0.40 -0.03	34.43 -0.34 -0.52	32.27 -0.39 -0.54	32.00 -0.35 -0.34
BABYLON_RES_REC 323704	42.65 2.34 0.00	38.37 1.76 0.00	36.75 1.55 0.00	35.88 1.38 0.00	36.70 1.61 0.00	38.01 1.64 0.00	40.34 2.03 0.00	42.30 2.88 0.00	45.78 3.31 0.00	50.73 3.37 -1.89	54.66 3.70 -1.64	59.09 3.49 -7.10	60.59 3.47 -8.25	59.78 3.27 -10.50	60.28 3.24 -15.02	50.75 3.64 -4.28	50.11 3.97 -0.01	50.14 4.00 -0.10	47.42 3.51 0.00	43.21 3.13 0.00	42.99 3.09 -0.27	41.19 2.57 -4.37	38.78 2.09 -4.58	36.94 2.02 -2.91
BABYLON___69_KV_BK2 356345	42.98 2.66 0.00	38.55 1.94 0.00	37.03 1.83 0.00	36.16 1.66 0.00	37.02 1.93 0.00	38.33 1.96 0.00	40.68 2.38 0.00	42.70 3.27 0.00	46.16 3.69 0.00	51.20 3.87 -1.85	55.17 4.24 -1.61	59.52 4.07 -6.95	60.96 4.01 -8.07	60.11 3.82 -10.28	60.47 3.74 -14.70	51.14 4.11 -4.19	50.66 4.52 -0.01	50.74 4.60 -0.10	47.86 3.95 0.00	43.57 3.49 0.00	43.39 3.49 -0.27	41.57 2.95 -4.37	39.01 2.31 -4.58	37.22 2.30 -2.91
BALL_HILL_WT_PWR 323825	37.98 -2.34 0.00	35.33 -1.28 0.00	33.69 -1.51 0.00	33.02 -1.48 0.00	33.61 -1.47 0.00	35.35 -1.02 0.00	37.04 -1.26 0.00	37.61 -1.81 0.00	40.34 -2.12 0.00	42.89 -2.59 0.00	45.82 -3.50 0.00	44.76 -3.73 0.00	44.96 -3.91 0.00	42.83 -3.17 0.00	39.00 -3.03 0.00	39.62 -3.21 0.00	42.99 -3.14 0.00	43.09 -2.95 0.00	41.45 -2.46 0.00	38.32 -1.76 0.00	37.06 -2.62 -0.04	32.64 -2.26 -0.65	30.45 -2.34 -0.68	30.33 -2.11 -0.43
BARON_WINDS___WT_PWR 323822	38.90 -1.41 0.00	35.88 -0.73 0.00	34.28 -0.92 0.00	33.64 -0.86 0.00	34.21 -0.88 0.00	35.78 -0.58 0.00	37.62 -0.69 0.00	38.56 -0.87 0.00	41.44 -1.02 0.00	44.16 -1.32 0.00	47.49 -1.82 0.00	46.50 -1.99 0.00	46.82 -2.05 0.00	44.35 -1.65 0.00	40.35 -1.68 0.00	40.95 -1.88 0.00	44.33 -1.80 0.00	44.47 -1.57 0.00	42.59 -1.32 0.00	39.12 -0.96 0.00	38.03 -1.66 -0.05	33.68 -1.47 -0.90	31.45 -1.60 -0.94	31.10 -1.50 -0.60
BARRETT_IC_1 23704	42.33 2.01 0.00	38.08 1.47 0.00	36.50 1.30 0.00	35.68 1.17 0.00	36.45 1.37 0.00	37.71 1.35 0.00	39.95 1.65 0.00	41.83 2.41 0.00	45.27 2.80 0.00	50.00 2.77 -1.75	53.70 2.86 -1.52	57.83 2.76 -6.57	59.24 2.74 -7.63	58.26 2.53 -9.72	58.41 2.48 -13.90	49.71 2.91 -3.96	49.37 3.23 -0.01	49.40 3.27 -0.09	46.85 2.94 0.00	42.77 2.69 0.00	42.60 2.70 -0.27	40.85 2.23 -4.37	38.52 1.83 -4.58	36.68 1.76 -2.91
BARRETT_IC_10 23701	42.33 2.01 0.00	38.08 1.47 0.00	36.50 1.30 0.00	35.68 1.17 0.00	36.45 1.37 0.00	37.71 1.35 0.00	39.95 1.65 0.00	41.83 2.41 0.00	45.27 2.80 0.00	50.00 2.77 -1.75	53.70 2.86 -1.52	57.83 2.76 -6.57	59.24 2.74 -7.63	58.26 2.53 -9.72	58.41 2.48 -13.90	49.71 2.91 -3.96	49.37 3.23 -0.01	49.40 3.27 -0.09	46.85 2.94 0.00	42.77 2.69 0.00	42.60 2.70 -0.27	40.85 2.23 -4.37	38.52 1.83 -4.58	36.68 1.76 -2.91
BARRETT_IC_11 23702	42.33 2.01 0.00	38.08 1.47 0.00	36.50 1.30 0.00	35.68 1.17 0.00	36.45 1.37 0.00	37.71 1.35 0.00	39.95 1.65 0.00	41.83 2.41 0.00	45.27 2.80 0.00	50.00 2.77 -1.75	53.70 2.86 -1.52	57.83 2.76 -6.57	59.24 2.74 -7.63	58.26 2.53 -9.72	58.41 2.48 -13.90	49.71 2.91 -3.96	49.37 3.23 -0.01	49.40 3.27 -0.09	46.85 2.94 0.00	42.77 2.69 0.00	42.60 2.70 -0.27	40.85 2.23 -4.37	38.52 1.83 -4.58	36.68 1.76 -2.91
BARRETT_IC_12 23703	42.33 2.01 0.00	38.08 1.47 0.00	36.50 1.30 0.00	35.68 1.17 0.00	36.45 1.37 0.00	37.71 1.35 0.00	39.95 1.65 0.00	41.83 2.41 0.00	45.27 2.80 0.00	50.00 2.77 -1.75	53.70 2.86 -1.52	57.83 2.76 -6.57	59.24 2.74 -7.63	58.26 2.53 -9.72	58.41 2.48 -13.90	49.71 2.91 -3.96	49.37 3.23 -0.01	49.40 3.27 -0.09	46.85 2.94 0.00	42.77 2.69 0.00	42.60 2.70 -0.27	40.85 2.23 -4.37	38.52 1.83 -4.58	36.68 1.76 -2.91
BARRETT_IC_2 23705	42.33 2.01 0.00	38.08 1.47 0.00	36.50 1.30 0.00	35.68 1.17 0.00	36.45 1.37 0.00	37.71 1.35 0.00	39.95 1.65 0.00	41.83 2.41 0.00	45.27 2.80 0.00	50.00 2.77 -1.75	53.70 2.86 -1.52	57.83 2.76 -6.57	59.24 2.74 -7.63	58.26 2.53 -9.72	58.41 2.48 -13.90	49.71 2.91 -3.96	49.37 3.23 -0.01	49.40 3.27 -0.09	46.85 2.94 0.00	42.77 2.69 0.00	42.60 2.70 -0.27	40.85 2.23 -4.37	38.52 1.83 -4.58	36.68 1.76 -2.91
BARRETT_IC_3 23706	42.33 2.01 0.00	38.08 1.47 0.00	36.50 1.30 0.00	35.68 1.17 0.00	36.45 1.37 0.00	37.71 1.35 0.00	39.95 1.65 0.00	41.83 2.41 0.00	45.27 2.80 0.00	50.00 2.77 -1.75	53.70 2.86 -1.52	57.83 2.76 -6.57	59.24 2.74 -7.63	58.26 2.53 -9.72	58.41 2.48 -13.90	49.71 2.91 -3.96	49.37 3.23 -0.01	49.40 3.27 -0.09	46.85 2.94 0.00	42.77 2.69 0.00	42.60 2.70 -0.27	40.85 2.23 -4.37	38.52 1.83 -4.58	36.68 1.76 -2.91
BARRETT_IC_4 23707	42.33 2.01 0.00	38.08 1.47 0.00	36.50 1.30 0.00	35.68 1.17 0.00	36.45 1.37 0.00	37.71 1.35 0.00	39.95 1.65 0.00	41.83 2.41 0.00	45.27 2.80 0.00	50.00 2.77 -1.75	53.70 2.86 -1.52	57.83 2.76 -6.57	59.24 2.74 -7.63	58.26 2.53 -9.72	58.41 2.48 -13.90	49.71 2.91 -3.96	49.37 3.23 -0.01	49.40 3.27 -0.09	46.85 2.94 0.00	42.77 2.69 0.00	42.60 2.70 -0.27	40.85 2.23 -4.37	38.52 1.83 -4.58	36.68 1.76 -2.91

BARRETT_IC_5 23708	42.33 2.01 0.00	38.08 1.47 0.00	36.50 1.30 0.00	35.68 1.17 0.00	36.45 1.37 0.00	37.71 1.35 0.00	39.95 1.65 0.00	41.83 2.41 0.00	45.27 2.80 0.00	50.00 2.77 -1.75	53.70 2.86 -1.52	57.83 2.76 -6.57	59.24 2.74 -7.63	58.26 2.53 -9.72	58.41 2.48 -13.90	49.71 2.91 -3.96	49.37 3.23 -0.01	49.40 3.27 -0.09	46.85 2.94 0.00	42.77 2.69 0.00	42.60 2.70 -0.27	40.85 2.23 -4.37	38.52 1.83 -4.58	36.68 1.76 -2.91
BARRETT_IC_6 23709	42.33 2.01 0.00	38.08 1.47 0.00	36.50 1.30 0.00	35.68 1.17 0.00	36.45 1.37 0.00	37.71 1.35 0.00	39.95 1.65 0.00	41.83 2.41 0.00	45.27 2.80 0.00	50.00 2.77 -1.75	53.70 2.86 -1.52	57.83 2.76 -6.57	59.24 2.74 -7.63	58.26 2.53 -9.72	58.41 2.48 -13.90	49.71 2.91 -3.96	49.37 3.23 -0.01	49.40 3.27 -0.09	46.85 2.94 0.00	42.77 2.69 0.00	42.60 2.70 -0.27	40.85 2.23 -4.37	38.52 1.83 -4.58	36.68 1.76 -2.91
BARRETT_IC_7 23710	42.29 1.98 0.00	38.00 1.39 0.00	36.50 1.30 0.00	35.68 1.17 0.00	36.45 1.37 0.00	37.71 1.35 0.00	39.96 1.65 0.00	41.83 2.40 0.00	45.27 2.80 0.00	50.00 2.77 -1.75	53.70 2.86 -1.52	57.83 2.76 -6.57	59.24 2.74 -7.63	58.26 2.53 -9.72	58.41 2.48 -13.90	49.71 2.91 -3.96	49.37 3.23 -0.01	49.40 3.27 -0.09	46.85 2.94 0.00	42.77 2.69 0.00	42.60 2.70 -0.27	40.92 2.29 -4.37	38.52 1.83 -4.58	36.68 1.76 -2.91
BARRETT_IC_8 23711	42.33 2.01 0.00	38.08 1.47 0.00	36.50 1.30 0.00	35.68 1.17 0.00	36.45 1.37 0.00	37.71 1.35 0.00	39.95 1.65 0.00	41.83 2.41 0.00	45.27 2.80 0.00	50.00 2.77 -1.75	53.70 2.86 -1.52	57.83 2.76 -6.57	59.24 2.74 -7.63	58.26 2.53 -9.72	58.41 2.48 -13.90	49.71 2.91 -3.96	49.37 3.23 -0.01	49.40 3.27 -0.09	46.85 2.94 0.00	42.77 2.69 0.00	42.60 2.70 -0.27	40.85 2.23 -4.37	38.52 1.83 -4.58	36.68 1.76 -2.91
BARRETT_IC_9 23700	42.33 2.01 0.00	38.08 1.47 0.00	36.50 1.30 0.00	35.68 1.17 0.00	36.45 1.37 0.00	37.71 1.35 0.00	39.95 1.65 0.00	41.83 2.41 0.00	45.27 2.80 0.00	50.00 2.77 -1.75	53.70 2.86 -1.52	57.83 2.76 -6.57	59.24 2.74 -7.63	58.26 2.53 -9.72	58.41 2.48 -13.90	49.71 2.91 -3.96	49.37 3.23 -0.01	49.40 3.27 -0.09	46.85 2.94 0.00	42.77 2.69 0.00	42.60 2.70 -0.27	40.85 2.23 -4.37	38.52 1.83 -4.58	36.68 1.76 -2.91
BARRETT___1 23545	42.33 2.01 0.00	38.08 1.47 0.00	36.50 1.30 0.00	35.68 1.17 0.00	36.45 1.37 0.00	37.71 1.35 0.00	39.95 1.65 0.00	41.83 2.41 0.00	45.27 2.80 0.00	50.00 2.77 -1.75	53.70 2.86 -1.52	57.83 2.76 -6.57	59.24 2.74 -7.63	58.26 2.53 -9.72	58.41 2.48 -13.90	49.71 2.91 -3.96	49.37 3.23 -0.01	49.40 3.27 -0.09	46.85 2.94 0.00	42.77 2.69 0.00	42.60 2.70 -0.27	40.85 2.23 -4.37	38.52 1.83 -4.58	36.68 1.76 -2.91
BARRETT___2 23546	42.33 2.01 0.00	38.08 1.47 0.00	36.50 1.30 0.00	35.68 1.17 0.00	36.45 1.37 0.00	37.71 1.35 0.00	39.95 1.65 0.00	41.83 2.41 0.00	45.27 2.80 0.00	50.00 2.77 -1.75	53.70 2.86 -1.52	57.83 2.76 -6.57	59.24 2.74 -7.63	58.26 2.53 -9.72	58.41 2.48 -13.90	49.71 2.91 -3.96	49.37 3.23 -0.01	49.40 3.27 -0.09	46.85 2.94 0.00	42.77 2.69 0.00	42.60 2.70 -0.27	40.85 2.23 -4.37	38.52 1.83 -4.58	36.68 1.76 -2.91
BATAVIA__115KV_TB1 55881	37.98 -2.34 0.00	35.26 -1.35 0.00	33.55 -1.65 0.00	32.88 -1.62 0.00	33.47 -1.61 0.00	35.24 -1.13 0.00	36.97 -1.34 0.00	37.65 -1.77 0.00	40.34 -2.12 0.00	42.70 -2.77 0.00	45.77 -3.55 0.00	44.76 -3.73 0.00	44.96 -3.91 0.00	42.88 -3.13 0.00	39.13 -2.90 0.00	39.71 -3.13 0.00	43.08 -3.04 0.00	43.19 -2.85 0.00	41.62 -2.28 0.00	38.44 -1.64 0.00	37.69 -1.98 -0.03	33.20 -1.61 -0.56	31.03 -1.67 -0.59	30.88 -1.50 -0.37
BAYONEEC___CTG1 323682	42.37 2.06 0.00	38.19 1.57 0.00	36.75 1.55 0.00	35.99 1.48 0.00	36.59 1.51 0.00	37.78 1.42 0.00	39.92 1.61 0.00	41.59 2.17 0.00	45.01 2.55 0.00	48.16 2.68 0.00	52.52 3.20 0.00	51.64 3.15 0.00	52.05 3.18 0.00	48.95 2.95 0.00	44.85 2.82 0.00	45.88 3.04 0.00	49.41 3.28 0.00	49.31 3.27 0.00	46.90 2.99 0.00	42.73 2.65 0.00	42.52 2.62 -0.27	40.95 2.33 -4.37	38.84 2.15 -4.58	36.81 1.89 -2.91
BAYONEEC___CTG10 323750	42.37 2.06 0.00	38.19 1.57 0.00	36.75 1.55 0.00	35.99 1.48 0.00	36.59 1.51 0.00	37.78 1.42 0.00	39.92 1.61 0.00	41.59 2.17 0.00	45.01 2.55 0.00	48.16 2.68 0.00	52.52 3.20 0.00	51.64 3.15 0.00	52.05 3.18 0.00	48.95 2.95 0.00	44.85 2.82 0.00	45.88 3.04 0.00	49.41 3.28 0.00	49.31 3.27 0.00	46.90 2.99 0.00	42.73 2.65 0.00	42.52 2.62 -0.27	40.95 2.33 -4.37	38.84 2.15 -4.58	36.81 1.89 -2.91
BAYONEEC___CTG2 323683	42.37 2.06 0.00	38.19 1.57 0.00	36.75 1.55 0.00	35.99 1.48 0.00	36.59 1.51 0.00	37.78 1.42 0.00	39.92 1.61 0.00	41.59 2.17 0.00	45.01 2.55 0.00	48.16 2.68 0.00	52.52 3.20 0.00	51.64 3.15 0.00	52.05 3.18 0.00	48.95 2.95 0.00	44.85 2.82 0.00	45.88 3.04 0.00	49.41 3.28 0.00	49.31 3.27 0.00	46.90 2.99 0.00	42.73 2.65 0.00	42.52 2.62 -0.27	40.95 2.33 -4.37	38.84 2.15 -4.58	36.81 1.89 -2.91
BAYONEEC___CTG3 323684	42.37 2.06 0.00	38.19 1.57 0.00	36.75 1.55 0.00	35.99 1.48 0.00	36.59 1.51 0.00	37.78 1.42 0.00	39.92 1.61 0.00	41.59 2.17 0.00	45.01 2.55 0.00	48.16 2.68 0.00	52.52 3.20 0.00	51.64 3.15 0.00	52.05 3.18 0.00	48.95 2.95 0.00	44.85 2.82 0.00	45.88 3.04 0.00	49.41 3.28 0.00	49.31 3.27 0.00	46.90 2.99 0.00	42.73 2.65 0.00	42.52 2.62 -0.27	40.95 2.33 -4.37	38.84 2.15 -4.58	36.81 1.89 -2.91
BAYONEEC___CTG4 323685	42.37 2.06 0.00	38.19 1.57 0.00	36.75 1.55 0.00	35.99 1.48 0.00	36.59 1.51 0.00	37.78 1.42 0.00	39.92 1.61 0.00	41.59 2.17 0.00	45.01 2.55 0.00	48.16 2.68 0.00	52.52 3.20 0.00	51.64 3.15 0.00	52.05 3.18 0.00	48.95 2.95 0.00	44.85 2.82 0.00	45.88 3.04 0.00	49.41 3.28 0.00	49.31 3.27 0.00	46.90 2.99 0.00	42.73 2.65 0.00	42.52 2.62 -0.27	40.95 2.33 -4.37	38.84 2.15 -4.58	36.81 1.89 -2.91
BAYONEEC___CTG5 323686	42.37 2.06 0.00	38.19 1.57 0.00	36.75 1.55 0.00	35.99 1.48 0.00	36.59 1.51 0.00	37.78 1.42 0.00	39.92 1.61 0.00	41.59 2.17 0.00	45.01 2.55 0.00	48.16 2.68 0.00	52.52 3.20 0.00	51.64 3.15 0.00	52.05 3.18 0.00	48.95 2.95 0.00	44.85 2.82 0.00	45.88 3.04 0.00	49.41 3.28 0.00	49.31 3.27 0.00	46.90 2.99 0.00	42.73 2.65 0.00	42.52 2.62 -0.27	40.95 2.33 -4.37	38.84 2.15 -4.58	36.81 1.89 -2.91
BAYONEEC___CTG6 323687	42.37 2.06 0.00	38.19 1.57 0.00	36.75 1.55 0.00	35.99 1.48 0.00	36.59 1.51 0.00	37.78 1.42 0.00	39.92 1.61 0.00	41.59 2.17 0.00	45.01 2.55 0.00	48.16 2.68 0.00	52.52 3.20 0.00	51.64 3.15 0.00	52.05 3.18 0.00	48.95 2.95 0.00	44.85 2.82 0.00	45.88 3.04 0.00	49.41 3.28 0.00	49.31 3.27 0.00	46.90 2.99 0.00	42.73 2.65 0.00	42.52 2.62 -0.27	40.95 2.33 -4.37	38.84 2.15 -4.58	36.81 1.89 -2.91

BAYONEEC___CTG7 323688	42.37 2.06 0.00	38.19 1.57 0.00	36.75 1.55 0.00	35.99 1.48 0.00	36.59 1.51 0.00	37.78 1.42 0.00	39.92 1.61 0.00	41.59 2.17 0.00	45.01 2.55 0.00	48.16 2.68 0.00	52.52 3.20 0.00	51.64 3.15 0.00	52.05 3.18 0.00	48.95 2.95 0.00	44.85 2.82 0.00	45.88 3.04 0.00	49.41 3.28 0.00	49.31 3.27 0.00	46.90 2.99 0.00	42.73 2.65 0.00	42.52 2.62 -0.27	40.95 2.33 -4.37	38.84 2.15 -4.58	36.81 1.89 -2.91
BAYONEEC___CTG8 323689	42.37 2.06 0.00	38.19 1.57 0.00	36.75 1.55 0.00	35.99 1.48 0.00	36.59 1.51 0.00	37.78 1.42 0.00	39.92 1.61 0.00	41.59 2.17 0.00	45.01 2.55 0.00	48.16 2.68 0.00	52.52 3.20 0.00	51.64 3.15 0.00	52.05 3.18 0.00	48.95 2.95 0.00	44.85 2.82 0.00	45.88 3.04 0.00	49.41 3.28 0.00	49.31 3.27 0.00	46.90 2.99 0.00	42.73 2.65 0.00	42.52 2.62 -0.27	40.95 2.33 -4.37	38.84 2.15 -4.58	36.81 1.89 -2.91
BAYONEEC___CTG9 323749	42.37 2.06 0.00	38.19 1.57 0.00	36.75 1.55 0.00	35.99 1.48 0.00	36.59 1.51 0.00	37.78 1.42 0.00	39.92 1.61 0.00	41.59 2.17 0.00	45.01 2.55 0.00	48.16 2.68 0.00	52.52 3.20 0.00	51.64 3.15 0.00	52.05 3.18 0.00	48.95 2.95 0.00	44.85 2.82 0.00	45.88 3.04 0.00	49.41 3.28 0.00	49.31 3.27 0.00	46.90 2.99 0.00	42.73 2.65 0.00	42.52 2.62 -0.27	40.95 2.33 -4.37	38.84 2.15 -4.58	36.81 1.89 -2.91
BEACON___LESR 323632	41.89 1.57 0.00	37.93 1.32 0.00	36.54 1.34 0.00	35.81 1.31 0.00	36.38 1.30 0.00	37.68 1.31 0.00	39.46 1.15 0.00	40.73 1.30 0.00	43.74 1.27 0.00	46.80 1.32 0.00	50.89 1.58 0.00	50.09 1.60 0.00	50.39 1.52 0.00	47.29 1.29 0.00	43.33 1.30 0.00	44.12 1.28 0.00	47.47 1.34 0.00	47.38 1.34 0.00	45.27 1.36 0.00	41.65 1.56 0.00	41.49 1.54 -0.32	40.81 1.37 -5.19	38.96 1.41 -5.44	36.84 1.38 -3.45
BEAVER RIVER___HYD 24048	39.95 -0.36 0.00	36.65 0.04 0.00	35.27 0.07 0.00	34.78 0.27 0.00	35.44 0.35 0.00	36.55 0.18 0.00	38.69 0.38 0.00	39.94 0.51 0.00	42.76 0.30 0.00	46.07 0.59 0.00	49.66 0.35 0.00	48.69 0.19 0.00	49.12 0.25 0.00	46.10 0.09 0.00	41.90 -0.13 0.00	42.67 -0.17 0.00	45.95 -0.18 0.00	45.77 -0.27 0.00	43.69 -0.22 0.00	39.40 -0.68 0.00	39.09 -0.55 -0.01	33.73 -0.68 -0.16	31.67 -0.61 -0.17	31.51 -0.61 -0.11
BEEBEE_GT_13 23619	38.30 -2.02 0.00	35.29 -1.32 0.00	33.69 -1.51 0.00	33.02 -1.48 0.00	33.58 -1.51 0.00	35.17 -1.20 0.00	36.97 -1.34 0.00	37.81 -1.62 0.00	40.55 -1.91 0.00	43.16 -2.32 0.00	46.46 -2.86 0.00	45.58 -2.91 0.00	45.89 -2.98 0.00	43.52 -2.48 0.00	39.72 -2.31 0.00	40.35 -2.48 0.00	43.64 -2.49 0.00	43.65 -2.39 0.00	41.89 -2.02 0.00	38.52 -1.56 0.00	38.12 -1.55 -0.03	33.54 -1.20 -0.48	31.40 -1.22 -0.51	31.21 -1.12 -0.32
BENSHRST_27_KV_BENSHRST_1 355998	42.99 2.66 -0.01	38.74 2.12 -0.01	37.28 2.08 -0.01	36.48 1.97 -0.01	37.09 2.00 -0.01	38.15 1.78 0.00	40.03 1.72 0.00	41.56 2.13 0.00	44.97 2.51 0.00	48.12 2.64 0.00	52.57 3.25 0.00	51.70 3.20 0.00	52.15 3.27 0.00	49.00 2.99 0.00	44.89 2.86 0.00	45.92 3.08 0.00	49.50 3.37 0.00	49.40 3.36 0.00	46.94 3.03 0.00	42.77 2.69 0.00	42.52 2.62 -0.27	41.09 2.47 -4.37	39.17 2.47 -4.59	37.17 2.24 -2.92
BETHLEHEM___GRP 23843	41.41 1.09 0.00	37.53 0.92 0.00	36.15 0.95 0.00	35.43 0.93 0.00	36.03 0.95 0.00	37.28 0.91 0.00	38.96 0.65 0.00	40.21 0.79 0.00	43.10 0.64 0.00	46.02 0.55 0.00	50.06 0.74 0.00	49.22 0.73 0.00	49.61 0.73 0.00	46.61 0.60 0.00	42.70 0.67 0.00	43.52 0.69 0.00	46.78 0.65 0.00	46.64 0.60 0.00	44.52 0.61 0.00	41.05 0.96 0.00	40.94 0.99 -0.32	40.33 0.89 -5.19	38.58 1.03 -5.44	36.46 0.99 -3.46
BETHLEHEM___GS1 323560	41.41 1.09 0.00	37.53 0.92 0.00	36.15 0.95 0.00	35.43 0.93 0.00	36.03 0.95 0.00	37.28 0.91 0.00	38.96 0.65 0.00	40.21 0.79 0.00	43.10 0.64 0.00	46.03 0.55 0.00	50.06 0.74 0.00	49.22 0.73 0.00	49.61 0.73 0.00	46.60 0.60 0.00	42.70 0.67 0.00	43.52 0.68 0.00	46.77 0.65 0.00	46.64 0.60 0.00	44.57 0.66 0.00	41.05 0.96 0.00	40.94 0.99 -0.32	40.33 0.89 -5.19	38.58 1.03 -5.44	36.46 0.99 -3.46
BETHLEHEM___GS2 323561	41.41 1.09 0.00	37.53 0.92 0.00	36.15 0.95 0.00	35.43 0.93 0.00	36.03 0.95 0.00	37.28 0.91 0.00	38.96 0.65 0.00	40.21 0.79 0.00	43.10 0.64 0.00	46.03 0.55 0.00	50.06 0.74 0.00	49.22 0.73 0.00	49.61 0.73 0.00	46.60 0.60 0.00	42.70 0.67 0.00	43.52 0.68 0.00	46.77 0.65 0.00	46.64 0.60 0.00	44.57 0.66 0.00	41.05 0.96 0.00	40.94 0.99 -0.32	40.33 0.89 -5.19	38.58 1.03 -5.44	36.46 0.99 -3.46
BETHLEHEM___GS3 323562	41.41 1.09 0.00	37.53 0.92 0.00	36.15 0.95 0.00	35.43 0.93 0.00	36.03 0.95 0.00	37.28 0.91 0.00	38.96 0.65 0.00	40.21 0.79 0.00	43.10 0.64 0.00	46.03 0.55 0.00	50.06 0.74 0.00	49.22 0.73 0.00	49.61 0.73 0.00	46.60 0.60 0.00	42.70 0.67 0.00	43.52 0.68 0.00	46.77 0.65 0.00	46.64 0.60 0.00	44.57 0.66 0.00	41.05 0.96 0.00	40.94 0.99 -0.32	40.33 0.89 -5.19	38.58 1.03 -5.44	36.46 0.99 -3.46
BETHLEHEM___STEEL 23779	37.90 -2.42 0.00	35.26 -1.35 0.00	33.55 -1.65 0.00	32.88 -1.62 0.00	33.47 -1.61 0.00	35.17 -1.20 0.00	36.89 -1.42 0.00	37.42 -2.01 0.00	40.13 -2.34 0.00	42.57 -2.91 0.00	45.57 -3.75 0.00	44.52 -3.98 0.00	44.72 -4.15 0.00	42.65 -3.36 0.00	38.92 -3.11 0.00	39.45 -3.38 0.00	42.85 -3.28 0.00	42.91 -3.13 0.00	41.36 -2.55 0.00	38.24 -1.84 0.00	36.90 -2.77 -0.04	32.57 -2.33 -0.65	30.35 -2.44 -0.68	30.26 -2.18 -0.43
BETHLHEM_115KV_TB1 79974	41.41 1.09 0.00	37.53 0.92 0.00	36.15 0.95 0.00	35.43 0.93 0.00	36.03 0.95 0.00	37.24 0.87 0.00	39.00 0.69 0.00	40.21 0.79 0.00	43.19 0.72 0.00	46.16 0.68 0.00	50.16 0.84 0.00	49.37 0.87 0.00	49.71 0.83 0.00	46.70 0.69 0.00	42.79 0.76 0.00	43.61 0.77 0.00	46.87 0.74 0.00	46.78 0.74 0.00	44.65 0.75 0.00	41.09 1.00 0.00	40.94 0.99 -0.32	40.36 0.92 -5.19	38.58 1.03 -5.44	36.45 0.99 -3.46
BETHPAGE_CC_5 323564	42.65 2.34 0.00	38.37 1.76 0.00	36.75 1.55 0.00	35.92 1.42 0.00	36.70 1.61 0.00	38.01 1.64 0.00	40.26 1.95 0.00	42.23 2.80 0.00	45.69 3.23 0.00	50.62 3.14 -2.00	54.42 3.36 -1.74	59.22 3.20 -7.53	60.79 3.18 -8.74	60.13 2.99 -11.14	60.85 2.90 -15.92	50.76 3.38 -4.54	49.83 3.69 -0.01	49.87 3.73 -0.11	47.20 3.29 0.00	43.01 2.92 0.00	42.83 2.93 -0.27	41.09 2.47 -4.37	38.78 2.09 -4.58	36.94 2.02 -2.91
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	38.06 -2.26 0.00	35.40 -1.21 0.00	33.69 -1.51 0.00	33.02 -1.48 0.00	33.61 -1.47 0.00	35.31 -1.05 0.00	37.04 -1.26 0.00	37.57 -1.85 0.00	40.30 -2.17 0.00	42.75 -2.73 0.00	45.82 -3.50 0.00	44.76 -3.73 0.00	44.96 -3.91 0.00	42.88 -3.13 0.00	39.09 -2.94 0.00	39.62 -3.21 0.00	43.04 -3.09 0.00	43.14 -2.90 0.00	41.58 -2.33 0.00	38.40 -1.68 0.00	36.90 -2.77 -0.04	32.51 -2.40 -0.65	30.29 -2.50 -0.69	30.20 -2.24 -0.44

BINGHAMTON___COGEN 23790	40.24 -0.08 0.00	36.65 0.04 0.00	35.16 -0.04 0.00	34.47 -0.03 0.00	35.05 -0.04 0.00	36.48 0.11 0.00	38.42 0.11 0.00	39.54 0.12 0.00	42.59 0.13 0.00	45.61 0.14 0.00	49.32 0.00 0.00	48.45 -0.05 0.00	48.83 -0.05 0.00	46.05 0.05 0.00	41.95 -0.08 0.00	42.71 -0.13 0.00	46.13 0.00 0.00	46.13 0.09 0.00	44.08 0.18 0.00	40.29 0.20 0.00	39.64 -0.08 -0.08	35.49 -0.10 -1.34	33.33 -0.19 -1.41	32.68 -0.22 -0.89
BIXINCNT_115KV_LOAD 355685	38.22 -2.10 0.00	35.55 -1.06 0.00	34.04 -1.16 0.00	33.40 -1.10 0.00	34.00 -1.09 0.00	35.68 -0.69 0.00	37.47 -0.84 0.00	38.05 -1.38 0.00	40.94 -1.53 0.00	43.39 -2.09 0.00	46.55 -2.76 0.00	45.34 -3.15 0.00	45.45 -3.42 0.00	43.34 -2.67 0.00	39.38 -2.65 0.00	39.62 -3.21 0.00	43.18 -2.95 0.00	43.28 -2.76 0.00	41.98 -1.93 0.00	38.64 -1.44 0.00	36.66 -3.01 -0.04	32.10 -2.84 -0.69	29.91 -2.92 -0.72	29.75 -2.72 -0.46
BLACK RIVER___HYD 24047	39.83 -0.48 0.00	36.43 -0.18 0.00	35.06 -0.14 0.00	34.43 -0.07 0.00	35.05 -0.04 0.00	36.33 -0.04 0.00	38.42 0.12 0.00	39.74 0.31 0.00	42.59 0.13 0.00	45.84 0.36 0.00	49.42 0.10 0.00	48.35 -0.15 0.00	48.73 -0.15 0.00	45.73 -0.27 0.00	41.53 -0.50 0.00	42.37 -0.47 0.00	45.71 -0.42 0.00	45.62 -0.42 0.00	43.60 -0.31 0.00	39.52 -0.56 0.00	39.21 -0.44 -0.01	33.85 -0.62 -0.22	31.73 -0.61 -0.23	31.54 -0.61 -0.14
BLACKRVR_115KV_TB2 79977	39.83 -0.48 0.00	36.43 -0.18 0.00	35.06 -0.14 0.00	34.43 -0.07 0.00	35.05 -0.04 0.00	36.33 -0.04 0.00	38.42 0.11 0.00	39.74 0.32 0.00	42.59 0.13 0.00	45.89 0.41 0.00	49.42 0.10 0.00	48.35 -0.15 0.00	48.73 -0.15 0.00	45.73 -0.28 0.00	41.53 -0.50 0.00	42.36 -0.47 0.00	45.71 -0.42 0.00	45.63 -0.41 0.00	43.60 -0.31 0.00	39.52 -0.56 0.00	39.21 -0.44 -0.01	33.85 -0.62 -0.22	31.73 -0.61 -0.23	31.54 -0.61 -0.14
BLISS_WT_PWR 323608	38.18 -2.14 0.00	35.52 -1.10 0.00	34.04 -1.16 0.00	33.40 -1.11 0.00	34.00 -1.09 0.00	35.68 -0.69 0.00	37.50 -0.81 0.00	38.05 -1.38 0.00	40.98 -1.49 0.00	43.48 -2.00 0.00	46.60 -2.71 0.00	45.34 -3.15 0.00	45.45 -3.42 0.00	43.34 -2.67 0.00	39.34 -2.69 0.00	39.58 -3.26 0.00	43.13 -3.00 0.00	43.14 -2.90 0.00	41.89 -2.02 0.00	38.56 -1.52 0.00	36.58 -3.09 -0.04	31.96 -2.98 -0.69	29.81 -3.02 -0.72	29.68 -2.78 -0.46
BLUESTONE___WT_PWR 323821	42.05 1.73 0.00	38.30 1.69 0.00	36.82 1.62 0.00	35.99 1.48 0.00	36.59 1.51 0.00	38.19 1.82 0.00	40.34 2.03 0.00	41.79 2.37 0.00	45.01 2.55 0.00	48.48 3.00 0.00	52.52 3.20 0.00	51.50 3.01 0.00	52.01 3.13 0.00	49.00 2.99 0.00	44.42 2.39 0.00	45.28 2.44 0.00	48.85 2.72 0.00	48.76 2.72 0.00	46.50 2.59 0.00	42.41 2.32 0.00	41.86 2.14 -0.09	37.34 1.64 -1.44	35.04 1.41 -1.51	34.25 1.28 -0.96
BLUE_CIRC_CHEM_DRP 24182	41.61 1.29 0.00	37.71 1.10 0.00	36.33 1.13 0.00	35.61 1.10 0.00	36.17 1.09 0.00	37.42 1.05 0.00	39.27 0.96 0.00	40.45 1.03 0.00	43.53 1.06 0.00	46.57 1.09 0.00	50.60 1.28 0.00	49.80 1.31 0.00	50.15 1.27 0.00	47.11 1.10 0.00	43.12 1.09 0.00	43.95 1.11 0.00	47.24 1.11 0.00	47.19 1.15 0.00	45.05 1.14 0.00	41.33 1.24 0.00	41.17 1.23 -0.31	40.46 1.10 -5.11	38.59 1.12 -5.36	36.50 1.09 -3.41
BOC_GAS_DRP 24189	41.28 0.97 0.00	37.38 0.77 0.00	35.97 0.77 0.00	35.26 0.76 0.00	35.86 0.77 0.00	37.10 0.73 0.00	39.00 0.69 0.00	40.25 0.83 0.00	43.36 0.89 0.00	46.39 0.91 0.00	50.40 1.08 0.00	49.56 1.07 0.00	49.95 1.08 0.00	46.97 0.97 0.00	43.00 0.97 0.00	43.82 0.99 0.00	47.19 1.06 0.00	47.10 1.06 0.00	44.92 1.01 0.00	41.09 1.00 0.00	40.98 1.03 -0.31	40.31 0.89 -5.17	38.43 0.90 -5.42	36.31 0.86 -3.44
BOONVILLE_115KV_TB1 79983	40.76 0.44 0.00	37.20 0.59 0.00	35.80 0.60 0.00	35.16 0.66 0.00	35.79 0.70 0.00	37.10 0.73 0.00	39.15 0.84 0.00	40.41 0.99 0.00	43.44 0.98 0.00	46.75 1.27 0.00	50.60 1.28 0.00	49.61 1.12 0.00	50.05 1.17 0.00	47.07 1.06 0.00	42.83 0.80 0.00	43.65 0.81 0.00	47.01 0.88 0.00	46.82 0.78 0.00	44.70 0.79 0.00	40.53 0.44 0.00	40.12 0.48 -0.01	34.66 0.27 -0.14	32.51 0.26 -0.14	32.32 0.22 -0.09
BORALEX_4TH_BRANCH 23824	42.49 2.18 0.00	38.37 1.76 0.00	36.96 1.76 0.00	36.23 1.73 0.00	36.88 1.79 0.00	38.22 1.85 0.00	40.38 2.07 0.00	41.71 2.29 0.00	45.05 2.59 0.00	48.25 2.77 0.00	52.42 3.11 0.00	51.60 3.10 0.00	51.95 3.08 0.00	48.81 2.81 0.00	44.68 2.65 0.00	45.58 2.74 0.00	49.13 3.00 0.00	48.99 2.95 0.00	46.76 2.85 0.00	42.53 2.45 0.00	42.41 2.46 -0.31	41.45 2.02 -5.17	39.37 1.83 -5.42	37.28 1.82 -3.45
BOWLINE___1 23526	41.93 1.61 0.00	37.82 1.21 0.00	36.43 1.23 0.00	35.68 1.17 0.00	36.28 1.19 0.00	37.50 1.13 0.00	39.61 1.30 0.00	41.20 1.78 0.00	44.54 2.08 0.00	47.71 2.23 0.00	51.98 2.66 0.00	51.11 2.62 0.00	51.51 2.64 0.00	48.44 2.44 0.00	44.34 2.31 0.00	45.32 2.48 0.00	48.85 2.72 0.00	48.85 2.81 0.00	46.45 2.55 0.00	42.29 2.20 0.00	42.07 2.18 -0.26	40.40 1.88 -4.27	38.25 1.67 -4.47	36.35 1.50 -2.84
BOWLINE___2 23595	41.93 1.61 0.00	37.82 1.21 0.00	36.43 1.23 0.00	35.68 1.17 0.00	36.28 1.19 0.00	37.50 1.13 0.00	39.61 1.30 0.00	41.20 1.78 0.00	44.54 2.08 0.00	47.71 2.23 0.00	51.98 2.66 0.00	51.11 2.62 0.00	51.51 2.64 0.00	48.44 2.44 0.00	44.34 2.31 0.00	45.32 2.48 0.00	48.85 2.72 0.00	48.85 2.81 0.00	46.45 2.55 0.00	42.29 2.20 0.00	42.07 2.18 -0.26	40.40 1.88 -4.27	38.25 1.67 -4.47	36.35 1.50 -2.84
BRADY___115KV_TB2 356060	41.08 0.77 0.00	38.19 1.57 0.00	36.71 1.51 0.00	36.16 1.66 0.00	36.95 1.86 0.00	37.39 1.02 0.00	39.76 1.46 0.00	40.81 1.38 0.00	43.48 1.02 0.00	46.93 1.46 0.00	50.25 0.94 0.00	49.66 1.16 0.00	50.19 1.32 0.00	46.93 0.92 0.00	42.83 0.80 0.00	43.09 0.26 0.00	46.18 0.05 0.00	45.58 -0.46 0.00	43.43 -0.48 0.00	38.96 -1.12 0.00	38.93 -0.71 0.00	33.50 -0.82 -0.08	31.48 -0.71 -0.08	31.67 -0.38 -0.05
BRANSCOMB___SOLAR 323811	42.41 2.10 0.00	38.33 1.72 0.00	36.89 1.69 0.00	36.19 1.69 0.00	36.77 1.68 0.00	38.08 1.71 0.00	40.11 1.80 0.00	41.47 2.05 0.00	44.84 2.38 0.00	48.07 2.59 0.00	52.28 2.96 0.00	51.45 2.96 0.00	51.76 2.88 0.00	48.54 2.53 0.00	44.38 2.35 0.00	45.15 2.31 0.00	48.57 2.44 0.00	48.52 2.48 0.00	46.32 2.41 0.00	42.33 2.24 0.00	42.18 2.22 -0.32	41.45 1.88 -5.32	39.35 1.67 -5.57	37.21 1.66 -3.54
BRENTWOD_69_KV_W. BRTWOOD 56703	42.78 2.46 0.00	38.33 1.72 0.00	36.82 1.62 0.00	35.99 1.48 0.00	36.84 1.75 0.00	38.15 1.78 0.00	40.49 2.18 0.00	42.54 3.11 0.00	45.99 3.52 0.00	50.86 3.64 -1.74	54.83 3.99 -1.52	58.82 3.78 -6.55	60.19 3.71 -7.60	59.19 3.50 -9.69	59.41 3.53 -13.85	50.68 3.90 -3.95	50.43 4.29 -0.01	50.51 4.37 -0.09	47.64 3.73 0.00	43.37 3.29 0.00	43.19 3.29 -0.27	41.40 2.77 -4.37	38.81 2.12 -4.58	37.03 2.11 -2.91

BRISTLHL_115KV_TB1 79998	39.23 -1.09 0.00	35.70 -0.92 0.00	34.28 -0.92 0.00	33.61 -0.90 0.00	34.14 -0.95 0.00	35.49 -0.87 0.00	37.35 -0.96 0.00	38.28 -1.14 0.00	41.23 -1.23 0.00	44.16 -1.32 0.00	47.79 -1.53 0.00	46.99 -1.50 0.00	47.36 -1.52 0.00	44.63 -1.38 0.00	40.64 -1.39 0.00	41.42 -1.41 0.00	44.61 -1.52 0.00	44.57 -1.47 0.00	42.55 -1.36 0.00	38.88 -1.20 0.00	38.47 -1.19 -0.02	33.55 -1.03 -0.33	31.52 -0.93 -0.34	31.33 -0.90 -0.22
BROOKHAVEN___DRP 24191	42.70 2.38 0.00	38.22 1.61 0.00	36.71 1.51 0.00	35.85 1.35 0.00	36.88 1.79 0.00	38.19 1.82 0.00	40.49 2.18 0.00	42.46 3.04 0.00	45.90 3.44 0.00	50.65 3.46 -1.71	54.36 3.55 -1.49	58.28 3.35 -6.44	59.68 3.32 -7.48	58.66 3.13 -9.52	59.05 3.40 -13.62	50.53 3.81 -3.88	50.29 4.15 -0.01	50.41 4.28 -0.09	47.46 3.56 0.00	43.17 3.09 0.00	42.99 3.09 -0.27	41.29 2.67 -4.37	38.72 2.02 -4.58	36.97 2.05 -2.91
BROOKLYN_NAVY_YARD 23515	42.25 1.94 0.00	38.08 1.47 0.00	36.64 1.44 0.00	35.88 1.38 0.00	36.49 1.40 0.00	37.68 1.31 0.00	39.84 1.53 0.00	41.47 2.05 0.00	44.93 2.46 0.00	48.02 2.55 0.00	52.38 3.06 0.00	51.55 3.06 0.00	51.96 3.08 0.00	48.86 2.85 0.00	44.76 2.73 0.00	45.79 2.95 0.00	49.27 3.14 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.65 2.57 0.00	42.44 2.54 -0.27	40.88 2.26 -4.37	38.78 2.09 -4.58	36.71 1.79 -2.91
BROOKLYN___ARMY_DRP 323595	42.82 2.50 -0.01	38.63 2.01 -0.01	37.14 1.94 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.34 0.00	47.93 2.46 0.00	52.37 3.06 0.00	51.50 3.01 0.00	51.95 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.22 3.18 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.95 2.33 -4.37	39.05 2.34 -4.59	37.07 2.14 -2.92
BROOKVLE_69_KV_TB1 55790	42.66 2.34 0.00	38.33 1.72 0.00	36.85 1.65 0.00	36.06 1.55 0.00	36.77 1.68 0.00	38.04 1.67 0.00	40.22 1.92 0.00	42.07 2.64 0.00	45.56 3.10 0.00	51.57 3.27 -2.81	55.51 3.75 -2.44	62.69 3.64 -10.56	64.80 3.67 -12.26	65.03 3.40 -15.62	67.56 3.19 -22.33	52.67 3.47 -6.36	49.93 3.78 -0.02	50.01 3.82 -0.15	47.29 3.38 0.00	43.09 3.01 0.00	42.87 2.97 -0.27	41.19 2.57 -4.37	38.85 2.15 -4.58	36.97 2.05 -2.91
BROOME_2_LFGE 323671	40.24 -0.08 0.00	36.65 0.04 0.00	35.16 -0.04 0.00	34.47 -0.03 0.00	35.05 -0.04 0.00	36.48 0.11 0.00	38.42 0.12 0.00	39.54 0.12 0.00	42.59 0.13 0.00	45.57 0.09 0.00	49.32 0.00 0.00	48.45 -0.05 0.00	48.83 -0.05 0.00	46.05 0.05 0.00	41.95 -0.08 0.00	42.75 -0.09 0.00	46.13 0.00 0.00	46.13 0.09 0.00	44.04 0.13 0.00	40.29 0.20 0.00	39.64 -0.08 -0.08	35.49 -0.10 -1.34	33.33 -0.19 -1.41	32.71 -0.19 -0.89
BROOME___LFGE 323600	40.24 -0.08 0.00	36.65 0.04 0.00	35.16 -0.04 0.00	34.47 -0.03 0.00	35.05 -0.04 0.00	36.48 0.11 0.00	38.42 0.12 0.00	39.54 0.12 0.00	42.59 0.13 0.00	45.57 0.09 0.00	49.32 0.00 0.00	48.45 -0.05 0.00	48.83 -0.05 0.00	46.05 0.05 0.00	41.95 -0.08 0.00	42.75 -0.09 0.00	46.13 0.00 0.00	46.13 0.09 0.00	44.04 0.13 0.00	40.29 0.20 0.00	39.64 -0.08 -0.08	35.49 -0.10 -1.34	33.33 -0.19 -1.41	32.71 -0.19 -0.89
BROWNFLS_115KV_TB_3_5 80003	40.16 -0.16 0.00	37.05 0.44 0.00	35.66 0.46 0.00	35.16 0.66 0.00	35.86 0.77 0.00	36.66 0.29 0.00	38.88 0.57 0.00	40.06 0.63 0.00	42.80 0.34 0.00	46.16 0.68 0.00	49.66 0.35 0.00	48.88 0.39 0.00	49.36 0.49 0.00	46.24 0.23 0.00	42.07 0.04 0.00	42.62 -0.21 0.00	45.76 -0.37 0.00	45.40 -0.64 0.00	43.29 -0.61 0.00	38.96 -1.12 0.00	38.73 -0.91 -0.01	33.39 -0.99 -0.13	31.38 -0.87 -0.13	31.36 -0.74 -0.09
BROWNSV1_27_KV_LOAD 356125	42.61 2.30 0.00	38.44 1.83 0.00	37.00 1.80 0.00	36.19 1.69 0.00	36.81 1.72 0.00	38.04 1.67 0.00	40.15 1.84 0.00	41.83 2.40 0.00	45.27 2.80 0.00	48.48 3.00 0.00	52.87 3.55 0.00	51.99 3.49 0.00	52.39 3.52 0.00	49.27 3.27 0.00	45.14 3.11 0.00	46.18 3.34 0.00	49.73 3.60 0.00	49.63 3.59 0.00	47.20 3.29 0.00	43.01 2.93 0.00	42.75 2.85 -0.27	41.19 2.57 -4.37	39.07 2.38 -4.58	37.00 2.08 -2.91
BURROWS___LYONSDAL 23803	40.56 0.24 0.00	37.05 0.44 0.00	35.66 0.46 0.00	35.09 0.59 0.00	35.72 0.63 0.00	36.99 0.62 0.00	39.07 0.77 0.00	40.33 0.91 0.00	43.31 0.85 0.00	46.62 1.14 0.00	50.40 1.08 0.00	49.46 0.97 0.00	49.90 1.03 0.00	46.88 0.87 0.00	42.66 0.63 0.00	43.44 0.60 0.00	46.82 0.69 0.00	46.64 0.60 0.00	44.48 0.57 0.00	40.29 0.20 0.00	39.88 0.24 -0.01	34.46 0.07 -0.14	32.32 0.06 -0.15	32.13 0.03 -0.09
CAITHNESS_CC_1 323624	42.61 2.30 0.00	38.30 1.69 0.00	36.64 1.44 0.00	35.78 1.28 0.00	36.77 1.68 0.00	38.08 1.71 0.00	40.38 2.07 0.00	42.34 2.92 0.00	45.78 3.31 0.00	50.56 3.37 -1.71	54.31 3.50 -1.49	58.23 3.30 -6.43	59.62 3.28 -7.47	58.61 3.08 -9.52	58.96 3.32 -13.61	50.40 3.68 -3.88	50.15 4.01 -0.01	50.18 4.05 -0.09	47.38 3.47 0.00	43.09 3.01 0.00	42.91 3.01 -0.27	41.16 2.53 -4.37	38.65 1.96 -4.58	36.90 1.99 -2.91
CALPINE BETH_PAGE_GT4 24209	42.66 2.34 0.00	38.26 1.65 0.00	36.78 1.58 0.00	35.92 1.41 0.00	36.70 1.61 0.00	38.00 1.64 0.00	40.26 1.95 0.00	42.23 2.80 0.00	45.69 3.23 0.00	50.71 3.09 -2.14	54.53 3.35 -1.86	59.76 3.25 -8.02	61.41 3.23 -9.31	60.86 2.99 -11.86	61.93 2.94 -16.96	51.14 3.47 -4.83	49.93 3.78 -0.01	50.02 3.87 -0.11	47.29 3.38 0.00	43.09 3.01 0.00	42.91 3.01 -0.27	41.16 2.53 -4.37	38.78 2.09 -4.58	36.94 2.02 -2.91
CALPINE_BETH_PAGE_GT_4 323586	42.65 2.34 0.00	38.37 1.76 0.00	36.79 1.59 0.00	35.92 1.42 0.00	36.70 1.61 0.00	38.01 1.64 0.00	40.26 1.95 0.00	42.23 2.80 0.00	45.69 3.23 0.00	50.71 3.09 -2.14	54.53 3.36 -1.86	59.76 3.25 -8.02	61.41 3.22 -9.31	60.86 2.99 -11.86	61.93 2.94 -16.96	51.14 3.47 -4.83	49.93 3.78 -0.01	49.97 3.82 -0.11	47.29 3.38 0.00	43.09 3.01 0.00	42.91 3.01 -0.27	41.12 2.50 -4.37	38.78 2.09 -4.58	36.94 2.02 -2.91
CALPINE_BP_GT1 23823	42.65 2.34 0.00	38.37 1.76 0.00	36.79 1.59 0.00	35.92 1.42 0.00	36.70 1.61 0.00	38.01 1.64 0.00	40.26 1.95 0.00	42.23 2.80 0.00	45.69 3.23 0.00	50.71 3.09 -2.14	54.53 3.36 -1.86	59.76 3.25 -8.02	61.41 3.22 -9.31	60.86 2.99 -11.86	61.93 2.94 -16.96	51.14 3.47 -4.83	49.93 3.78 -0.01	49.97 3.82 -0.11	47.29 3.38 0.00	43.09 3.01 0.00	42.91 3.01 -0.27	41.12 2.50 -4.37	38.78 2.09 -4.58	36.94 2.02 -2.91
CALSPAN___DRP 24200	37.90 -2.42 0.00	35.26 -1.35 0.00	33.55 -1.65 0.00	32.88 -1.62 0.00	33.47 -1.61 0.00	35.17 -1.20 0.00	36.89 -1.42 0.00	37.42 -2.01 0.00	40.13 -2.34 0.00	42.57 -2.91 0.00	45.57 -3.75 0.00	44.52 -3.98 0.00	44.72 -4.15 0.00	42.65 -3.36 0.00	38.92 -3.11 0.00	39.45 -3.38 0.00	42.85 -3.28 0.00	42.91 -3.13 0.00	41.36 -2.55 0.00	38.24 -1.84 0.00	36.90 -2.77 -0.04	32.57 -2.33 -0.65	30.35 -2.44 -0.68	30.26 -2.18 -0.43

CALVERTON___SOLAR 323806	42.82 2.50 0.00	38.48 1.87 0.00	36.82 1.62 0.00	35.95 1.45 0.00	37.01 1.93 0.00	38.29 1.93 0.00	40.61 2.30 0.00	42.58 3.16 0.00	45.99 3.52 0.00	50.74 3.55 -1.72	54.41 3.60 -1.49	58.33 3.39 -6.44	59.72 3.37 -7.48	58.75 3.22 -9.53	59.18 3.53 -13.62	50.66 3.94 -3.88	50.38 4.24 -0.01	50.46 4.33 -0.09	47.55 3.64 0.00	43.25 3.17 0.00	43.07 3.17 -0.27	41.26 2.64 -4.37	38.75 2.06 -4.58	37.06 2.14 -2.91
CANDIGU_WT_PWR 323617	38.90 -1.41 0.00	35.88 -0.73 0.00	34.28 -0.92 0.00	33.64 -0.86 0.00	34.21 -0.88 0.00	35.78 -0.58 0.00	37.62 -0.69 0.00	38.56 -0.87 0.00	41.44 -1.02 0.00	44.16 -1.32 0.00	47.49 -1.82 0.00	46.50 -1.99 0.00	46.82 -2.05 0.00	44.35 -1.65 0.00	40.35 -1.68 0.00	40.95 -1.88 0.00	44.33 -1.80 0.00	44.47 -1.57 0.00	42.59 -1.32 0.00	39.12 -0.96 0.00	38.03 -1.66 -0.05	33.68 -1.47 -0.90	31.45 -1.60 -0.94	31.10 -1.50 -0.60
CARR STREET_E_SYR 24060	39.63 -0.69 0.00	36.06 -0.55 0.00	34.60 -0.60 0.00	33.92 -0.59 0.00	34.49 -0.60 0.00	35.86 -0.51 0.00	37.73 -0.57 0.00	38.72 -0.71 0.00	41.70 -0.76 0.00	44.66 -0.82 0.00	48.33 -0.99 0.00	47.52 -0.97 0.00	47.90 -0.98 0.00	45.18 -0.83 0.00	41.14 -0.88 0.00	41.89 -0.94 0.00	45.16 -0.97 0.00	45.12 -0.92 0.00	43.03 -0.88 0.00	39.32 -0.76 0.00	38.87 -0.79 -0.02	33.97 -0.65 -0.37	31.86 -0.64 -0.39	31.68 -0.58 -0.25
CARTHAGE___PAPER 23857	39.91 -0.40 0.00	36.54 -0.07 0.00	35.16 -0.04 0.00	34.64 0.14 0.00	35.30 0.21 0.00	36.48 0.11 0.00	38.61 0.31 0.00	39.90 0.47 0.00	42.72 0.26 0.00	45.98 0.50 0.00	49.51 0.20 0.00	48.49 0.00 0.00	48.88 0.00 0.00	45.87 -0.14 0.00	41.69 -0.34 0.00	42.49 -0.34 0.00	45.85 -0.28 0.00	45.72 -0.32 0.00	43.65 -0.26 0.00	39.49 -0.60 0.00	39.17 -0.47 -0.01	33.80 -0.65 -0.20	31.71 -0.61 -0.21	31.53 -0.61 -0.13
CASSADAGA_WT_PWR 323784	38.54 -1.77 0.00	35.92 -0.70 0.00	34.43 -0.77 0.00	33.78 -0.73 0.00	34.38 -0.70 0.00	36.19 -0.18 0.00	37.96 -0.35 0.00	38.60 -0.83 0.00	41.49 -0.97 0.00	44.20 -1.27 0.00	47.20 -2.12 0.00	45.97 -2.52 0.00	46.04 -2.84 0.00	43.71 -2.30 0.00	39.72 -2.31 0.00	40.27 -2.57 0.00	43.68 -2.45 0.00	43.83 -2.21 0.00	42.07 -1.84 0.00	38.80 -1.28 -0.04	37.30 -2.38 -0.67	32.84 -2.09 -0.71	30.54 -2.28 -0.71	30.38 -2.08 -0.45
CE_DUNWOOD___DRP 24194	42.17 1.85 0.00	38.04 1.43 0.00	36.64 1.44 0.00	35.88 1.38 0.00	36.49 1.40 0.00	37.71 1.35 0.00	39.80 1.49 0.00	41.44 2.01 0.00	44.84 2.38 0.00	48.07 2.59 0.00	52.33 3.01 0.00	51.45 2.96 0.00	51.86 2.98 0.00	48.77 2.76 0.00	44.64 2.61 0.00	45.62 2.78 0.00	49.17 3.04 0.00	49.12 3.08 0.00	46.72 2.81 0.00	42.53 2.45 0.00	42.32 2.42 -0.27	40.74 2.12 -4.36	38.58 1.89 -4.57	36.61 1.70 -2.91
CE_MILLWOOD___DRP 24193	42.13 1.81 0.00	37.97 1.35 0.00	36.57 1.37 0.00	35.81 1.31 0.00	36.42 1.33 0.00	37.64 1.27 0.00	39.76 1.46 0.00	41.36 1.93 0.00	44.76 2.29 0.00	47.93 2.46 0.00	52.23 2.91 0.00	51.36 2.86 0.00	51.71 2.83 0.00	48.63 2.62 0.00	44.51 2.48 0.00	45.53 2.70 0.00	49.08 2.95 0.00	48.99 2.95 0.00	46.59 2.68 0.00	42.45 2.37 0.00	42.24 2.34 -0.26	40.62 2.02 -4.35	38.50 1.83 -4.56	36.54 1.63 -2.90
CE_NYC2_DRP 24202	42.58 2.26 -0.01	38.41 1.79 -0.01	36.97 1.76 -0.01	36.20 1.69 -0.01	36.81 1.72 -0.01	37.93 1.56 0.00	39.92 1.61 0.00	41.52 2.09 0.00	44.93 2.46 0.00	48.12 2.64 0.00	52.47 3.16 0.00	51.60 3.10 0.00	52.05 3.18 0.00	48.91 2.90 0.00	44.80 2.77 0.00	45.83 3.00 0.00	49.36 3.23 0.00	49.26 3.22 0.00	46.81 2.90 0.00	42.69 2.61 0.00	42.44 2.54 -0.27	40.99 2.36 -4.37	39.01 2.31 -4.59	37.01 2.08 -2.92
CE_NYC_DRP 24195	42.37 2.06 0.00	38.22 1.61 0.00	36.78 1.58 0.00	35.99 1.48 0.00	36.63 1.54 0.00	37.82 1.45 0.00	39.96 1.65 0.00	41.59 2.17 0.00	45.01 2.55 0.00	48.21 2.73 0.00	52.57 3.25 0.00	51.70 3.20 0.00	52.10 3.23 0.00	49.00 2.99 0.00	44.89 2.86 0.00	45.88 3.04 0.00	49.40 3.28 0.00	49.31 3.27 0.00	46.89 2.99 0.00	42.73 2.65 0.00	42.52 2.62 -0.27	40.95 2.33 -4.37	38.84 2.15 -4.58	36.81 1.89 -2.91
CHAFFEE___LFGE 323603	38.02 -2.30 0.00	35.33 -1.28 0.00	33.65 -1.55 0.00	32.95 -1.55 0.00	33.54 -1.54 0.00	35.28 -1.09 0.00	37.01 -1.30 0.00	37.53 -1.89 0.00	40.30 -2.16 0.00	42.84 -2.64 0.00	45.77 -3.55 0.00	44.76 -3.73 0.00	44.96 -3.91 0.00	42.88 -3.13 0.00	39.05 -2.98 0.00	39.67 -3.17 0.00	43.08 -3.05 0.00	43.19 -2.85 0.00	41.58 -2.33 0.00	38.44 -1.65 0.00	37.02 -2.66 -0.04	32.62 -2.29 -0.67	30.40 -2.41 -0.70	30.27 -2.18 -0.45
CHATEAUG_35_KV_LOAD 355732	40.56 0.24 0.00	37.78 1.17 0.00	36.36 1.16 0.00	35.85 1.35 0.00	36.66 1.58 0.00	37.06 0.69 0.00	39.46 1.15 0.00	40.45 1.03 0.00	43.14 0.68 0.00	46.52 1.05 0.00	49.91 0.59 0.00	49.37 0.87 0.00	49.90 1.03 0.00	46.70 0.69 0.00	42.62 0.59 0.00	42.92 0.09 0.00	45.90 -0.23 0.00	45.30 -0.74 0.00	43.07 -0.83 0.00	38.68 -1.40 0.00	38.56 -1.07 0.00	33.09 -1.16 0.00	31.05 -1.06 0.00	31.21 -0.80 0.00
CHATEAUG_WT_PWR 323614	40.56 0.24 0.00	37.78 1.17 0.00	36.36 1.16 0.00	35.81 1.31 0.00	36.67 1.58 0.00	37.06 0.69 0.00	39.42 1.11 0.00	40.41 0.99 0.00	43.14 0.68 0.00	46.52 1.05 0.00	49.91 0.59 0.00	49.37 0.87 0.00	49.85 0.98 0.00	46.70 0.69 0.00	42.66 0.63 0.00	42.96 0.13 0.00	45.95 -0.18 0.00	45.30 -0.74 0.00	43.12 -0.79 0.00	38.72 -1.36 0.00	38.60 -1.03 0.00	33.12 -1.13 0.00	31.08 -1.03 0.00	31.18 -0.83 0.00
CHAT_HIGH_FALL_HYD 323578	40.56 0.24 0.00	37.78 1.17 0.00	36.36 1.16 0.00	35.85 1.35 0.00	36.66 1.58 0.00	37.06 0.69 0.00	39.46 1.15 0.00	40.45 1.03 0.00	43.14 0.68 0.00	46.52 1.05 0.00	49.91 0.59 0.00	49.37 0.87 0.00	49.90 1.03 0.00	46.70 0.69 0.00	42.62 0.59 0.00	42.92 0.09 0.00	45.90 -0.23 0.00	45.30 -0.74 0.00	43.07 -0.83 0.00	38.68 -1.40 0.00	38.56 -1.07 0.00	33.09 -1.16 0.00	31.05 -1.06 0.00	31.21 -0.80 0.00
CHAUTAUQUA___LFGE 323629	38.26 -2.05 0.00	35.63 -0.99 0.00	34.04 -1.16 0.00	33.36 -1.14 0.00	33.96 -1.12 0.00	35.71 -0.65 0.00	37.46 -0.84 0.00	38.05 -1.38 0.00	40.85 -1.61 0.00	43.43 -2.05 0.00	46.36 -2.96 0.00	45.25 -3.25 0.00	45.41 -3.47 0.00	43.20 -2.81 0.00	39.34 -2.69 0.00	39.92 -2.91 0.00	43.31 -2.82 0.00	43.37 -2.67 0.00	41.71 -2.19 0.00	38.56 -1.52 0.00	37.30 -2.38 -0.04	32.86 -2.05 -0.66	30.62 -2.18 -0.69	30.49 -1.95 -0.44
CHERRYST_13_KV_LD 356241	42.45 2.14 0.00	38.30 1.68 0.00	36.85 1.65 0.00	36.06 1.55 0.00	36.70 1.61 0.00	37.90 1.53 0.00	40.03 1.72 0.00	41.67 2.25 0.00	45.14 2.68 0.00	48.30 2.82 0.00	52.72 3.40 0.00	51.84 3.35 0.00	52.25 3.37 0.00	49.14 3.13 0.00	45.01 2.98 0.00	46.01 3.17 0.00	49.54 3.41 0.00	49.45 3.41 0.00	47.03 3.12 0.00	42.85 2.77 0.00	42.60 2.70 -0.27	41.02 2.40 -4.37	38.91 2.22 -4.58	36.87 1.95 -2.91

CHESTROR_138KV_BK263 355645	41.77 1.45 0.00	37.71 1.10 0.00	36.29 1.09 0.00	35.54 1.04 0.00	36.14 1.05 0.00	37.39 1.02 0.00	39.46 1.15 0.00	40.96 1.54 0.00	44.33 1.87 0.00	47.43 1.96 0.00	51.63 2.32 0.00	50.77 2.28 0.00	51.17 2.30 0.00	48.12 2.12 0.00	44.05 2.02 0.00	45.02 2.18 0.00	48.53 2.40 0.00	48.48 2.44 0.00	46.15 2.24 0.00	42.01 1.92 0.00	41.79 1.90 -0.25	39.98 1.64 -4.08	37.84 1.44 -4.28	36.04 1.31 -2.72
CH_MIDHUDSON___DRP 24192	42.05 1.73 0.00	37.93 1.32 0.00	36.54 1.34 0.00	35.78 1.28 0.00	36.38 1.30 0.00	37.60 1.24 0.00	39.69 1.38 0.00	41.20 1.77 0.00	44.63 2.17 0.00	47.80 2.32 0.00	52.03 2.71 0.00	51.16 2.67 0.00	51.51 2.64 0.00	48.45 2.44 0.00	44.34 2.31 0.00	45.36 2.53 0.00	48.90 2.77 0.00	48.76 2.72 0.00	46.41 2.50 0.00	42.21 2.12 0.00	42.05 2.14 -0.27	40.50 1.82 -4.43	38.43 1.67 -4.64	36.53 1.57 -2.95
CH_MISC_IPPS 23765	42.17 1.86 0.00	38.04 1.43 0.00	36.64 1.44 0.00	35.88 1.38 0.00	36.49 1.40 0.00	37.71 1.35 0.00	39.80 1.49 0.00	41.32 1.89 0.00	44.80 2.33 0.00	47.98 2.50 0.00	52.23 2.91 0.00	51.31 2.81 0.00	51.71 2.83 0.00	48.63 2.62 0.00	44.51 2.48 0.00	45.58 2.74 0.00	49.08 2.95 0.00	48.94 2.90 0.00	46.54 2.63 0.00	42.33 2.24 0.00	42.16 2.26 -0.27	40.57 1.95 -4.37	38.46 1.76 -4.58	36.58 1.66 -2.91
CH_RES_BVR_FALLS 23983	40.20 -0.12 0.00	36.90 0.29 0.00	35.52 0.32 0.00	34.88 0.38 0.00	35.54 0.45 0.00	36.44 0.07 0.00	38.54 0.23 0.00	39.62 0.20 0.00	42.46 0.00 0.00	45.66 0.18 0.00	49.32 0.00 0.00	48.64 0.15 0.00	49.07 0.20 0.00	46.10 0.09 0.00	42.11 0.08 0.00	42.62 -0.21 0.00	45.71 -0.42 0.00	45.35 -0.69 0.00	43.16 -0.75 0.00	39.12 -0.96 0.00	38.84 -0.79 0.00	33.50 -0.75 0.00	31.47 -0.64 0.00	31.49 -0.51 0.00
CH_RES_NIAGARA 23895	36.49 -3.83 0.00	34.05 -2.56 0.00	32.31 -2.89 0.00	31.67 -2.83 0.00	32.24 -2.84 0.00	33.93 -2.44 0.00	35.51 -2.80 0.00	35.92 -3.51 0.00	38.47 -3.99 0.00	40.70 -4.78 0.00	43.45 -5.87 0.00	42.48 -6.01 0.00	42.72 -6.16 0.00	40.81 -5.20 0.00	37.32 -4.71 0.00	37.91 -4.93 0.00	41.10 -5.03 0.00	41.07 -4.97 0.00	39.69 -4.22 0.00	36.68 -3.41 0.00	36.03 -3.65 -0.04	31.90 -2.95 -0.60	29.82 -2.92 -0.63	29.85 -2.56 -0.40
CH_RES_SYRACUSE 23985	39.87 -0.44 0.00	36.28 -0.33 0.00	34.81 -0.39 0.00	34.16 -0.34 0.00	34.70 -0.39 0.00	36.08 -0.29 0.00	37.96 -0.35 0.00	38.95 -0.47 0.00	41.96 -0.51 0.00	44.93 -0.54 0.00	48.67 -0.64 0.00	47.86 -0.63 0.00	48.24 -0.64 0.00	45.46 -0.55 0.00	41.40 -0.63 0.00	42.15 -0.69 0.00	45.39 -0.74 0.00	45.35 -0.69 0.00	43.25 -0.66 0.00	39.52 -0.56 0.00	39.11 -0.55 -0.03	34.19 -0.48 -0.41	32.10 -0.45 -0.43	31.87 -0.42 -0.28
CLINTON_WT_PWR 323605	40.56 0.24 0.00	37.78 1.17 0.00	36.36 1.16 0.00	35.81 1.31 0.00	36.67 1.58 0.00	37.06 0.69 0.00	39.42 1.11 0.00	40.41 0.99 0.00	43.14 0.68 0.00	46.52 1.05 0.00	49.91 0.59 0.00	49.37 0.87 0.00	49.85 0.98 0.00	46.70 0.69 0.00	42.66 0.63 0.00	42.96 0.13 0.00	45.95 -0.18 0.00	45.30 -0.74 0.00	43.12 -0.79 0.00	38.72 -1.36 0.00	38.60 -1.03 0.00	33.12 -1.13 0.00	31.08 -1.03 0.00	31.18 -0.83 0.00
CLINTON___LFGE 323618	41.24 0.93 0.00	38.41 1.79 0.00	36.96 1.76 0.00	36.43 1.93 0.00	37.30 2.21 0.00	37.68 1.31 0.00	40.11 1.80 0.00	41.12 1.69 0.00	43.91 1.44 0.00	47.34 1.87 0.00	50.75 1.43 0.00	50.19 1.70 0.00	50.63 1.76 0.00	47.48 1.47 0.00	43.33 1.30 0.00	43.65 0.81 0.00	46.69 0.56 0.00	46.04 0.00 0.00	43.82 -0.09 0.00	39.28 -0.80 0.00	39.16 -0.47 0.00	33.60 -0.65 0.00	31.50 -0.61 0.00	31.62 -0.38 0.00
COBBLENY_34_KV_TB1 80064	38.02 -2.30 0.00	35.33 -1.28 0.00	33.65 -1.55 0.00	32.95 -1.55 0.00	33.54 -1.54 0.00	35.28 -1.09 0.00	37.01 -1.30 0.00	37.53 -1.89 0.00	40.30 -2.17 0.00	42.75 -2.73 0.00	45.77 -3.55 0.00	44.76 -3.73 0.00	44.96 -3.91 0.00	42.88 -3.13 0.00	39.05 -2.98 0.00	39.62 -3.21 0.00	43.04 -3.09 0.00	43.14 -2.90 0.00	41.58 -2.33 0.00	38.44 -1.64 0.00	36.98 -2.70 -0.04	32.62 -2.29 -0.67	30.40 -2.41 -0.70	30.28 -2.18 -0.45
COFFEEN___115KV_TB3 355620	40.03 -0.28 0.00	36.58 -0.04 0.00	35.20 0.00 0.00	34.61 0.10 0.00	35.19 0.11 0.00	36.51 0.15 0.00	38.65 0.34 0.00	39.98 0.55 0.00	42.80 0.34 0.00	46.11 0.64 0.00	49.66 0.35 0.00	48.54 0.05 0.00	48.97 0.10 0.00	45.92 -0.09 0.00	41.69 -0.34 0.00	42.58 -0.26 0.00	45.94 -0.18 0.00	45.90 -0.14 0.00	43.91 0.00 0.00	39.81 -0.28 0.00	39.49 -0.16 -0.01	34.10 -0.38 -0.22	31.93 -0.42 -0.23	31.71 -0.45 -0.15
COLDSPRG_115KV_BK1 355956	38.99 -1.33 0.00	36.21 -0.40 0.00	34.67 -0.53 0.00	33.95 -0.55 0.00	34.56 -0.53 0.00	36.37 0.00 0.00	38.23 -0.08 0.00	38.91 -0.51 0.00	41.78 -0.68 0.00	44.48 -1.00 0.00	47.64 -1.68 0.00	46.46 -2.04 0.00	46.58 -2.30 0.00	44.31 -1.70 0.00	40.22 -1.81 0.00	40.69 -2.14 0.00	44.28 -1.85 0.00	44.57 -1.47 0.00	42.90 -1.01 0.00	39.56 -0.52 0.00	37.54 -2.14 -0.04	32.93 -2.02 -0.70	30.60 -2.25 -0.73	30.33 -2.14 -0.47
COLONIE_LFGE___ 323577	41.93 1.61 0.00	37.93 1.32 0.00	36.50 1.30 0.00	35.78 1.28 0.00	36.38 1.30 0.00	37.71 1.35 0.00	39.68 1.38 0.00	41.00 1.58 0.00	44.25 1.78 0.00	47.39 1.91 0.00	51.48 2.17 0.00	50.68 2.18 0.00	51.02 2.15 0.00	47.94 1.93 0.00	43.88 1.85 0.00	44.68 1.84 0.00	48.11 1.98 0.00	48.02 1.98 0.00	45.84 1.93 0.00	41.85 1.76 0.00	41.70 1.74 -0.32	41.01 1.51 -5.26	39.00 1.38 -5.51	36.85 1.34 -3.50
COOPERNY_115KV_TB1 80082	41.04 0.73 0.00	37.16 0.55 0.00	35.76 0.56 0.00	35.02 0.52 0.00	35.61 0.53 0.00	36.91 0.55 0.00	38.92 0.61 0.00	40.29 0.87 0.00	43.48 1.02 0.00	46.57 1.09 0.00	50.60 1.28 0.00	49.71 1.21 0.00	50.10 1.22 0.00	47.16 1.15 0.00	43.12 1.09 0.00	44.04 1.20 0.00	47.47 1.34 0.00	47.38 1.34 0.00	45.18 1.27 0.00	41.17 1.08 0.00	40.88 1.07 -0.18	38.09 0.89 -2.95	35.98 0.77 -3.10	34.68 0.70 -1.97
COPENHAGEN_WT_PWR 323753	39.75 -0.56 0.00	36.36 -0.25 0.00	34.99 -0.21 0.00	34.37 -0.14 0.00	34.98 -0.10 0.00	36.26 -0.11 0.00	38.35 0.04 0.00	39.62 0.20 0.00	42.46 0.00 0.00	45.71 0.23 0.00	49.27 -0.05 0.00	48.21 -0.29 0.00	48.63 -0.24 0.00	45.64 -0.37 0.00	41.44 -0.59 0.00	42.28 -0.56 0.00	45.62 -0.51 0.00	45.49 -0.55 0.00	43.51 -0.40 0.00	39.44 -0.64 0.00	39.13 -0.52 -0.01	33.86 -0.62 -0.23	31.74 -0.61 -0.24	31.52 -0.64 -0.15
CORNELL_____ 23752	40.68 0.36 0.00	37.05 0.44 0.00	35.55 0.35 0.00	34.85 0.35 0.00	35.40 0.32 0.00	36.88 0.51 0.00	38.84 0.54 0.00	40.06 0.63 0.00	43.10 0.64 0.00	46.21 0.73 0.00	49.91 0.59 0.00	49.03 0.53 0.00	49.41 0.54 0.00	46.56 0.55 0.00	42.37 0.34 0.00	43.14 0.30 0.00	46.59 0.46 0.00	46.64 0.60 0.00	44.52 0.61 0.00	40.65 0.56 0.00	40.13 0.44 -0.06	35.51 0.34 -0.92	33.30 0.22 -0.96	32.81 0.19 -0.61

CORONA_69_KV_TB1 355595	42.53 2.22 0.00	38.22 1.61 0.00	36.71 1.51 0.00	35.88 1.38 0.00	36.66 1.58 0.00	37.93 1.56 0.00	40.15 1.84 0.00	42.03 2.60 0.00	45.52 3.06 0.00	51.69 3.14 -3.08	55.44 3.45 -2.67	63.38 3.35 -11.54	65.65 3.37 -13.40	66.21 3.13 -17.08	69.43 2.98 -24.41	53.09 3.30 -6.96	49.79 3.64 -0.02	49.88 3.68 -0.16	47.20 3.29 0.00	43.05 2.97 0.00	42.83 2.93 -0.27	41.12 2.50 -4.37	38.75 2.06 -4.58	36.87 1.95 -2.91
CORTLAND_115KV_TB3 80093	40.44 0.12 0.00	36.80 0.18 0.00	35.31 0.11 0.00	34.64 0.14 0.00	35.19 0.11 0.00	36.62 0.25 0.00	38.58 0.27 0.00	39.74 0.32 0.00	42.76 0.30 0.00	45.80 0.32 0.00	49.56 0.25 0.00	48.69 0.19 0.00	49.07 0.20 0.00	46.24 0.23 0.00	42.11 0.08 0.00	42.88 0.04 0.00	46.27 0.14 0.00	46.27 0.23 0.00	44.13 0.22 0.00	40.33 0.24 0.00	39.80 0.12 -0.05	35.06 0.07 -0.75	32.89 0.00 -0.78	32.50 0.00 -0.50
COXSACKIE___GT 23611	42.53 2.22 0.00	38.44 1.83 0.00	37.10 1.90 0.00	36.36 1.86 0.00	36.91 1.82 0.00	38.19 1.82 0.00	40.03 1.73 0.00	41.12 1.69 0.00	44.29 1.82 0.00	47.11 1.63 0.00	51.09 1.77 0.00	50.09 1.60 0.00	50.39 1.52 0.00	47.29 1.29 0.00	43.41 1.38 0.00	44.42 1.59 0.00	47.93 1.80 0.00	47.83 1.79 0.00	45.71 1.80 0.00	41.93 1.84 0.00	41.76 1.82 -0.30	40.57 1.37 -4.95	38.71 1.41 -5.19	36.87 1.57 -3.30
CPV_VALLEY___CC1 323721	40.88 0.56 0.00	37.02 0.40 0.00	35.59 0.39 0.00	34.88 0.38 0.00	35.47 0.39 0.00	36.73 0.36 0.00	38.73 0.42 0.00	40.10 0.67 0.00	43.31 0.85 0.00	46.30 0.82 0.00	50.35 1.04 0.00	49.46 0.97 0.00	49.85 0.98 0.00	46.93 0.92 0.00	42.95 0.92 0.00	43.86 1.03 0.00	47.19 1.06 0.00	47.14 1.10 0.00	44.96 1.05 0.00	41.01 0.92 0.00	40.68 0.87 -0.17	37.86 0.75 -2.86	35.75 0.64 -3.00	34.46 0.54 -1.91
CPV_VALLEY___CC2 323722	40.88 0.56 0.00	37.02 0.40 0.00	35.59 0.39 0.00	34.88 0.38 0.00	35.47 0.39 0.00	36.73 0.36 0.00	38.73 0.42 0.00	40.10 0.67 0.00	43.31 0.85 0.00	46.30 0.82 0.00	50.35 1.04 0.00	49.46 0.97 0.00	49.85 0.98 0.00	46.93 0.92 0.00	42.95 0.92 0.00	43.86 1.03 0.00	47.19 1.06 0.00	47.14 1.10 0.00	44.96 1.05 0.00	41.01 0.92 0.00	40.68 0.87 -0.17	37.86 0.75 -2.86	35.75 0.64 -3.00	34.46 0.54 -1.91
CRESCENT___HYD 24018	41.93 1.61 0.00	37.93 1.32 0.00	36.50 1.30 0.00	35.78 1.28 0.00	36.38 1.30 0.00	37.71 1.35 0.00	39.68 1.38 0.00	41.00 1.58 0.00	44.25 1.78 0.00	47.39 1.91 0.00	51.48 2.17 0.00	50.68 2.18 0.00	51.02 2.15 0.00	47.94 1.93 0.00	43.88 1.85 0.00	44.68 1.84 0.00	48.11 1.98 0.00	48.02 1.98 0.00	45.84 1.93 0.00	41.85 1.76 0.00	41.70 1.74 -0.32	41.01 1.51 -5.26	39.00 1.38 -5.51	36.85 1.34 -3.50
CRICKET___VALLEY_CC1 323756	41.81 1.49 0.00	37.71 1.10 0.00	36.36 1.16 0.00	35.64 1.14 0.00	36.24 1.16 0.00	37.46 1.09 0.00	39.53 1.23 0.00	41.04 1.62 0.00	44.38 1.91 0.00	47.53 2.05 0.00	51.73 2.42 0.00	50.82 2.33 0.00	51.22 2.35 0.00	48.17 2.16 0.00	44.09 2.06 0.00	45.06 2.23 0.00	48.53 2.40 0.00	48.43 2.39 0.00	46.10 2.19 0.00	41.97 1.88 0.00	41.81 1.90 -0.28	40.41 1.61 -4.55	38.33 1.45 -4.77	36.45 1.41 -3.03
CRICKET___VALLEY_CC2 323757	41.81 1.49 0.00	37.71 1.10 0.00	36.36 1.16 0.00	35.64 1.14 0.00	36.24 1.16 0.00	37.46 1.09 0.00	39.53 1.23 0.00	41.04 1.62 0.00	44.38 1.91 0.00	47.53 2.05 0.00	51.73 2.42 0.00	50.82 2.33 0.00	51.22 2.35 0.00	48.17 2.16 0.00	44.09 2.06 0.00	45.06 2.23 0.00	48.53 2.40 0.00	48.43 2.39 0.00	46.10 2.19 0.00	41.97 1.88 0.00	41.81 1.90 -0.28	40.41 1.61 -4.55	38.33 1.45 -4.77	36.45 1.41 -3.03
CRICKET___VALLEY_CC3 323758	41.81 1.49 0.00	37.71 1.10 0.00	36.36 1.16 0.00	35.64 1.14 0.00	36.24 1.16 0.00	37.46 1.09 0.00	39.53 1.23 0.00	41.04 1.62 0.00	44.38 1.91 0.00	47.53 2.05 0.00	51.73 2.42 0.00	50.82 2.33 0.00	51.22 2.35 0.00	48.17 2.16 0.00	44.09 2.06 0.00	45.06 2.23 0.00	48.53 2.40 0.00	48.43 2.39 0.00	46.10 2.19 0.00	41.97 1.88 0.00	41.81 1.90 -0.28	40.41 1.61 -4.55	38.33 1.45 -4.77	36.45 1.41 -3.03
CRUCIBLE_METL_DRP 24180	39.87 -0.44 0.00	36.28 -0.33 0.00	34.81 -0.39 0.00	34.16 -0.35 0.00	34.70 -0.39 0.00	36.08 -0.29 0.00	37.96 -0.34 0.00	38.95 -0.47 0.00	41.95 -0.51 0.00	44.98 -0.50 0.00	48.68 -0.64 0.00	47.86 -0.63 0.00	48.24 -0.64 0.00	45.46 -0.55 0.00	41.40 -0.63 0.00	42.15 -0.69 0.00	45.39 -0.74 0.00	45.35 -0.69 0.00	43.25 -0.66 0.00	39.52 -0.56 0.00	39.11 -0.55 -0.03	34.19 -0.48 -0.41	32.10 -0.45 -0.43	31.87 -0.42 -0.28
DAHOWA___HYDRO 323763	42.57 2.26 0.00	38.52 1.90 0.00	37.03 1.83 0.00	36.33 1.83 0.00	36.91 1.82 0.00	38.26 1.89 0.00	40.30 1.99 0.00	41.63 2.21 0.00	45.05 2.59 0.00	48.34 2.87 0.00	52.52 3.20 0.00	51.69 3.20 0.00	52.01 3.13 0.00	48.72 2.71 0.00	44.55 2.52 0.00	45.32 2.48 0.00	48.76 2.63 0.00	48.76 2.72 0.00	46.54 2.63 0.00	42.53 2.45 0.00	42.34 2.38 -0.32	41.63 2.05 -5.33	39.49 1.80 -5.58	37.35 1.79 -3.55
DANC___LFGE 323619	39.59 -0.72 0.00	36.14 -0.48 0.00	34.74 -0.46 0.00	34.12 -0.38 0.00	34.70 -0.39 0.00	36.00 -0.36 0.00	38.00 -0.31 0.00	39.15 -0.27 0.00	42.00 -0.47 0.00	45.16 -0.32 0.00	48.78 -0.54 0.00	47.77 -0.73 0.00	48.19 -0.68 0.00	45.32 -0.69 0.00	41.19 -0.84 0.00	42.02 -0.82 0.00	45.25 -0.88 0.00	45.16 -0.88 0.00	43.12 -0.79 0.00	39.24 -0.84 0.00	38.90 -0.75 -0.02	33.79 -0.72 -0.26	31.68 -0.71 -0.28	31.48 -0.70 -0.18
DANSKAMMER___1 23586	42.17 1.86 0.00	38.04 1.43 0.00	36.64 1.44 0.00	35.88 1.38 0.00	36.49 1.40 0.00	37.71 1.35 0.00	39.80 1.49 0.00	41.32 1.89 0.00	44.80 2.33 0.00	47.98 2.50 0.00	52.23 2.91 0.00	51.31 2.81 0.00	51.71 2.83 0.00	48.63 2.62 0.00	44.51 2.48 0.00	45.58 2.74 0.00	49.08 2.95 0.00	48.94 2.90 0.00	46.54 2.63 0.00	42.33 2.24 0.00	42.16 2.26 -0.27	40.57 1.95 -4.37	38.46 1.76 -4.58	36.58 1.66 -2.91
DANSKAMMER___2 23589	42.17 1.86 0.00	38.04 1.43 0.00	36.64 1.44 0.00	35.88 1.38 0.00	36.49 1.40 0.00	37.71 1.35 0.00	39.80 1.49 0.00	41.32 1.89 0.00	44.80 2.33 0.00	47.98 2.50 0.00	52.23 2.91 0.00	51.31 2.81 0.00	51.71 2.83 0.00	48.63 2.62 0.00	44.51 2.48 0.00	45.58 2.74 0.00	49.08 2.95 0.00	48.94 2.90 0.00	46.54 2.63 0.00	42.33 2.24 0.00	42.16 2.26 -0.27	40.57 1.95 -4.37	38.46 1.76 -4.58	36.58 1.66 -2.91
DANSKAMMER___3 23590	42.17 1.86 0.00	38.04 1.43 0.00	36.64 1.44 0.00	35.88 1.38 0.00	36.49 1.40 0.00	37.71 1.35 0.00	39.80 1.49 0.00	41.32 1.89 0.00	44.80 2.33 0.00	47.98 2.50 0.00	52.23 2.91 0.00	51.31 2.81 0.00	51.71 2.83 0.00	48.63 2.62 0.00	44.51 2.48 0.00	45.58 2.74 0.00	49.08 2.95 0.00	48.94 2.90 0.00	46.54 2.63 0.00	42.33 2.24 0.00	42.16 2.26 -0.27	40.57 1.95 -4.37	38.46 1.76 -4.58	36.58 1.66 -2.91

DANSKAMMER___4 23591	42.17 1.86 0.00	38.04 1.43 0.00	36.64 1.44 0.00	35.88 1.38 0.00	36.49 1.40 0.00	37.71 1.35 0.00	39.80 1.49 0.00	41.32 1.89 0.00	44.80 2.33 0.00	47.98 2.50 0.00	52.23 2.91 0.00	51.31 2.81 0.00	51.71 2.83 0.00	48.63 2.62 0.00	44.51 2.48 0.00	45.58 2.74 0.00	49.08 2.95 0.00	48.94 2.90 0.00	46.54 2.63 0.00	42.33 2.24 0.00	42.16 2.26 -0.27	40.57 1.95 -4.37	38.46 1.76 -4.58	36.58 1.66 -2.91
DANSKAMMER___DIESEL 23592	42.17 1.85 0.00	38.04 1.43 0.00	36.64 1.44 0.00	35.88 1.38 0.00	36.49 1.40 0.00	37.71 1.35 0.00	39.80 1.49 0.00	41.32 1.89 0.00	44.80 2.34 0.00	47.98 2.50 0.00	52.23 2.91 0.00	51.31 2.81 0.00	51.71 2.83 0.00	48.63 2.62 0.00	44.51 2.48 0.00	45.58 2.74 0.00	49.08 2.95 0.00	48.94 2.90 0.00	46.54 2.63 0.00	42.33 2.24 0.00	42.16 2.26 -0.27	40.57 1.95 -4.37	38.46 1.77 -4.58	36.58 1.66 -2.91
DARBY___SOLAR 323810	42.41 2.10 0.00	38.37 1.76 0.00	36.92 1.72 0.00	36.19 1.69 0.00	36.77 1.68 0.00	38.11 1.75 0.00	40.15 1.84 0.00	41.47 2.05 0.00	44.88 2.42 0.00	48.11 2.64 0.00	52.33 3.01 0.00	51.45 2.96 0.00	51.76 2.88 0.00	48.54 2.53 0.00	44.38 2.35 0.00	45.19 2.35 0.00	48.57 2.44 0.00	48.57 2.53 0.00	46.37 2.46 0.00	42.37 2.28 0.00	42.18 2.22 -0.32	41.49 1.92 -5.32	39.35 1.67 -5.57	37.21 1.66 -3.54
DASHVILLE___HYD 23610	41.65 1.33 0.00	37.53 0.92 0.00	36.15 0.95 0.00	35.40 0.90 0.00	36.00 0.91 0.00	37.20 0.84 0.00	39.30 1.00 0.00	40.77 1.34 0.00	44.21 1.74 0.00	47.34 1.86 0.00	51.54 2.22 0.00	50.63 2.13 0.00	51.03 2.15 0.00	48.03 2.02 0.00	43.96 1.93 0.00	45.02 2.18 0.00	48.53 2.40 0.00	48.39 2.35 0.00	46.02 2.11 0.00	41.77 1.68 0.00	41.61 1.70 -0.27	39.80 1.10 -4.46	37.71 0.93 -4.67	35.81 0.83 -2.97
DEERFIELD_69_KV_DEERFIELD LD 355887	43.38 3.06 0.00	38.88 2.27 0.00	37.28 2.08 0.00	36.40 1.90 0.00	37.47 2.39 0.00	38.73 2.36 0.00	40.95 2.64 0.00	42.94 3.51 0.00	46.29 3.82 0.00	51.06 3.87 -1.72	54.66 3.85 -1.49	58.57 3.64 -6.44	59.97 3.62 -7.48	58.94 3.40 -9.53	59.35 3.70 -13.62	50.74 4.03 -3.88	50.38 4.24 -0.01	50.55 4.42 -0.09	47.46 3.56 0.00	43.13 3.05 0.00	42.91 3.01 -0.27	41.19 2.57 -4.37	38.65 1.96 -4.58	37.10 2.18 -2.91
DELAWARE___LFGE 323621	41.16 0.85 0.00	37.34 0.73 0.00	35.94 0.74 0.00	35.19 0.69 0.00	35.79 0.70 0.00	37.13 0.76 0.00	39.15 0.84 0.00	40.49 1.06 0.00	43.70 1.23 0.00	46.89 1.41 0.00	50.89 1.58 0.00	50.00 1.50 0.00	50.39 1.52 0.00	47.43 1.43 0.00	43.29 1.26 0.00	44.12 1.29 0.00	47.56 1.43 0.00	47.51 1.47 0.00	45.27 1.36 0.00	41.29 1.20 0.00	40.85 1.11 -0.11	36.96 0.92 -1.79	34.75 0.77 -1.87	33.90 0.70 -1.19
DERFIELD_115KV_TB7 355931	40.48 0.16 0.00	36.76 0.15 0.00	35.34 0.14 0.00	34.64 0.14 0.00	35.23 0.14 0.00	36.48 0.11 0.00	38.46 0.15 0.00	39.58 0.16 0.00	42.63 0.17 0.00	45.66 0.18 0.00	49.56 0.25 0.00	48.74 0.24 0.00	49.12 0.24 0.00	46.24 0.23 0.00	42.24 0.21 0.00	43.01 0.17 0.00	46.31 0.18 0.00	46.18 0.14 0.00	44.04 0.13 0.00	40.17 0.08 0.00	39.75 0.12 0.00	34.35 0.10 0.00	32.21 0.10 0.00	32.10 0.10 0.00
DOGLEVILLE___HYD 23807	41.65 1.33 0.00	37.86 1.25 0.00	36.36 1.16 0.00	35.57 1.07 0.00	36.17 1.09 0.00	37.46 1.09 0.00	39.34 1.03 0.00	40.49 1.06 0.00	43.53 1.06 0.00	46.62 1.14 0.00	50.55 1.23 0.00	49.80 1.31 0.00	50.34 1.46 0.00	47.48 1.47 0.00	43.41 1.38 0.00	44.25 1.41 0.00	47.56 1.43 0.00	47.38 1.34 0.00	45.14 1.23 0.00	41.05 0.96 0.00	40.51 0.87 0.00	34.90 0.65 0.00	32.72 0.61 0.00	32.58 0.58 0.00
DUNKIRK___115KV_TB_200 55889	38.18 -2.14 0.00	35.55 -1.06 0.00	33.97 -1.23 0.00	33.30 -1.21 0.00	33.89 -1.19 0.00	35.64 -0.73 0.00	37.39 -0.92 0.00	37.97 -1.46 0.00	40.72 -1.74 0.00	43.25 -2.23 0.00	46.26 -3.06 0.00	45.15 -3.35 0.00	45.31 -3.57 0.00	43.16 -2.85 0.00	39.30 -2.73 0.00	39.84 -3.00 0.00	43.22 -2.91 0.00	43.28 -2.76 0.00	41.71 -2.20 0.00	38.52 -1.56 0.00	37.26 -2.42 -0.04	32.85 -2.06 -0.66	30.62 -2.18 -0.69	30.49 -1.95 -0.44
DUNKIRK___1 23563	38.18 -2.14 0.00	35.55 -1.06 0.00	33.97 -1.23 0.00	33.30 -1.21 0.00	33.89 -1.19 0.00	35.64 -0.73 0.00	37.39 -0.92 0.00	37.97 -1.46 0.00	40.72 -1.74 0.00	43.25 -2.23 0.00	46.26 -3.06 0.00	45.15 -3.35 0.00	45.31 -3.57 0.00	43.16 -2.85 0.00	39.30 -2.73 0.00	39.84 -3.00 0.00	43.22 -2.91 0.00	43.28 -2.76 0.00	41.71 -2.20 0.00	38.52 -1.56 0.00	37.26 -2.42 -0.04	32.85 -2.06 -0.66	30.62 -2.18 -0.69	30.49 -1.95 -0.44
DUNKIRK___2 23564	38.18 -2.14 0.00	35.55 -1.06 0.00	33.97 -1.23 0.00	33.30 -1.21 0.00	33.89 -1.19 0.00	35.64 -0.73 0.00	37.39 -0.92 0.00	37.97 -1.46 0.00	40.72 -1.74 0.00	43.25 -2.23 0.00	46.26 -3.06 0.00	45.15 -3.35 0.00	45.31 -3.57 0.00	43.16 -2.85 0.00	39.30 -2.73 0.00	39.84 -3.00 0.00	43.22 -2.91 0.00	43.28 -2.76 0.00	41.71 -2.20 0.00	38.52 -1.56 0.00	37.26 -2.42 -0.04	32.85 -2.06 -0.66	30.62 -2.18 -0.69	30.49 -1.95 -0.44
DUNKIRK___3 23565	38.06 -2.26 0.00	35.40 -1.21 0.00	33.79 -1.41 0.00	33.12 -1.38 0.00	33.68 -1.40 0.00	35.42 -0.95 0.00	37.16 -1.15 0.00	37.73 -1.70 0.00	40.47 -2.00 0.00	42.98 -2.50 0.00	45.96 -3.35 0.00	44.91 -3.59 0.00	45.06 -3.81 0.00	42.93 -3.08 0.00	39.13 -2.90 0.00	39.67 -3.17 0.00	43.04 -3.09 0.00	43.14 -2.90 0.00	41.58 -2.33 0.00	38.40 -1.68 0.00	37.10 -2.58 -0.04	32.71 -2.19 -0.65	30.48 -2.31 -0.68	30.36 -2.08 -0.43
DUNKIRK___4 23566	38.06 -2.26 0.00	35.40 -1.21 0.00	33.79 -1.41 0.00	33.12 -1.38 0.00	33.68 -1.40 0.00	35.42 -0.95 0.00	37.16 -1.15 0.00	37.73 -1.70 0.00	40.47 -2.00 0.00	42.98 -2.50 0.00	45.96 -3.35 0.00	44.91 -3.59 0.00	45.06 -3.81 0.00	42.93 -3.08 0.00	39.13 -2.90 0.00	39.67 -3.17 0.00	43.04 -3.09 0.00	43.14 -2.90 0.00	41.58 -2.33 0.00	38.40 -1.68 0.00	37.10 -2.58 -0.04	32.71 -2.19 -0.65	30.48 -2.31 -0.68	30.36 -2.08 -0.43
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	42.25 1.94 0.00	38.11 1.50 0.00	36.68 1.48 0.00	35.92 1.41 0.00	36.56 1.47 0.00	37.79 1.42 0.00	39.92 1.61 0.00	41.56 2.13 0.00	44.97 2.51 0.00	48.16 2.68 0.00	52.47 3.16 0.00	51.60 3.10 0.00	52.00 3.13 0.00	48.91 2.90 0.00	44.76 2.73 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.22 3.18 0.00	46.81 2.90 0.00	42.65 2.57 0.00	42.44 2.54 -0.27	40.85 2.23 -4.37	38.68 1.99 -4.58	36.71 1.79 -2.91
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	41.97 1.65 0.00	37.86 1.24 0.00	36.47 1.27 0.00	35.71 1.21 0.00	36.31 1.23 0.00	37.53 1.16 0.00	39.65 1.34 0.00	41.16 1.73 0.00	44.59 2.12 0.00	47.75 2.27 0.00	51.98 2.66 0.00	51.06 2.57 0.00	51.47 2.59 0.00	48.40 2.39 0.00	44.30 2.27 0.00	45.36 2.53 0.00	48.90 2.77 0.00	48.80 2.76 0.00	46.41 2.50 0.00	42.21 2.12 0.00	42.00 2.10 -0.26	40.33 1.82 -4.27	38.22 1.64 -4.47	36.35 1.50 -2.84

E179THST_138_KV_TB4_REV_LBMP_J 345001	42.54 2.22 -0.01	38.41 1.79 -0.01	37.00 1.80 -0.01	36.27 1.76 -0.01	36.88 1.79 -0.01	37.90 1.53 0.00	39.73 1.42 0.00	41.32 1.89 0.00	44.76 2.29 0.00	47.89 2.41 0.00	52.23 2.91 0.00	51.40 2.91 0.00	51.81 2.93 0.00	48.72 2.71 0.00	44.64 2.61 0.00	45.62 2.78 0.00	49.17 3.04 0.00	49.03 2.99 0.00	46.63 2.72 0.00	42.49 2.41 0.00	42.24 2.34 -0.27	40.92 2.29 -4.37	39.11 2.41 -4.59	37.10 2.18 -2.92
E179THST_13_KV_LOAD 356214	42.70 2.38 -0.01	38.56 1.94 -0.01	37.14 1.94 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.48 2.05 0.00	44.93 2.46 0.00	48.07 2.59 0.00	52.42 3.11 0.00	51.60 3.10 0.00	52.00 3.13 0.00	48.91 2.90 0.00	44.80 2.77 0.00	45.83 3.00 0.00	49.36 3.23 0.00	49.22 3.18 0.00	46.81 2.90 0.00	42.65 2.57 0.00	42.40 2.50 -0.27	41.05 2.43 -4.37	39.24 2.54 -4.59	37.23 2.30 -2.92
EAST HAMPTON___GT 23717	43.78 3.47 0.00	39.32 2.71 0.00	37.56 2.36 0.00	36.68 2.17 0.00	37.72 2.63 0.00	38.91 2.54 0.00	41.03 2.72 0.00	42.98 3.55 0.00	46.20 3.74 0.00	50.92 3.73 -1.72	54.26 3.45 -1.49	58.23 3.30 -6.44	59.63 3.28 -7.48	58.57 3.04 -9.53	58.97 3.32 -13.62	50.32 3.60 -3.88	49.74 3.60 -0.01	49.91 3.78 -0.09	46.85 2.94 0.00	42.45 2.36 0.00	42.28 2.38 -0.27	40.61 1.99 -4.37	38.14 1.45 -4.58	36.81 1.89 -2.91
EAST RIVER___6 23660	42.25 1.94 0.00	38.08 1.47 0.00	36.64 1.44 0.00	35.85 1.34 0.00	36.49 1.40 0.00	37.68 1.31 0.00	39.80 1.49 0.00	41.47 2.05 0.00	44.93 2.46 0.00	48.07 2.59 0.00	52.48 3.16 0.00	51.60 3.11 0.00	52.01 3.13 0.00	48.91 2.90 0.00	44.80 2.77 0.00	45.83 3.00 0.00	49.36 3.23 0.00	49.21 3.17 0.00	46.81 2.90 0.00	42.65 2.57 0.00	42.40 2.50 -0.27	40.85 2.23 -4.37	38.75 2.06 -4.58	36.71 1.79 -2.91
EAST RIVER___7 23524	42.25 1.94 0.00	38.08 1.47 0.00	36.64 1.44 0.00	35.85 1.34 0.00	36.49 1.40 0.00	37.68 1.31 0.00	39.80 1.49 0.00	41.47 2.05 0.00	44.93 2.46 0.00	48.07 2.59 0.00	52.48 3.16 0.00	51.60 3.11 0.00	52.01 3.13 0.00	48.91 2.90 0.00	44.80 2.77 0.00	45.83 3.00 0.00	49.36 3.23 0.00	49.21 3.17 0.00	46.81 2.90 0.00	42.65 2.57 0.00	42.40 2.50 -0.27	40.85 2.23 -4.37	38.75 2.06 -4.58	36.71 1.79 -2.91
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	42.17 1.85 0.00	38.04 1.43 0.00	36.64 1.44 0.00	35.88 1.38 0.00	36.49 1.40 0.00	37.71 1.35 0.00	39.80 1.49 0.00	41.44 2.01 0.00	44.84 2.38 0.00	48.07 2.59 0.00	52.33 3.01 0.00	51.45 2.96 0.00	51.86 2.98 0.00	48.77 2.76 0.00	44.64 2.61 0.00	45.62 2.78 0.00	49.17 3.04 0.00	49.12 3.08 0.00	46.72 2.81 0.00	42.53 2.45 0.00	42.32 2.42 -0.27	40.74 2.12 -4.36	38.58 1.89 -4.57	36.61 1.70 -2.91
EAST_HAMPTON___DIESEL 23722	43.78 3.47 0.00	39.32 2.71 0.00	37.56 2.36 0.00	36.68 2.17 0.00	37.72 2.63 0.00	38.91 2.54 0.00	40.99 2.68 0.00	42.93 3.51 0.00	46.12 3.65 0.00	50.83 3.64 -1.72	54.16 3.36 -1.49	58.13 3.20 -6.44	59.49 3.13 -7.48	58.44 3.24 -9.53	58.89 3.24 -13.62	50.19 3.47 -3.88	49.64 3.50 -0.01	49.77 3.64 -0.09	46.72 2.81 0.00	42.33 2.24 0.00	42.16 2.26 -0.27	40.51 1.88 -4.37	38.04 1.35 -4.58	36.74 1.82 -2.91
EAST_POINT___SOLAR 323840	42.53 2.22 0.00	38.44 1.83 0.00	36.96 1.76 0.00	36.26 1.76 0.00	36.84 1.75 0.00	38.29 1.93 0.00	40.45 2.14 0.00	41.87 2.45 0.00	45.39 2.93 0.00	48.66 3.18 0.00	52.67 3.36 0.00	51.74 3.25 0.00	51.46 2.59 0.00	48.68 2.67 0.00	44.34 2.31 0.00	45.41 2.57 0.00	49.04 2.91 0.00	49.13 3.09 0.00	46.90 2.99 0.00	42.93 2.85 0.00	42.69 2.70 -0.35	42.32 2.26 -5.81	40.10 1.89 -6.09	37.64 1.76 -3.87
EAST_PULASKI___ESR 323781	39.51 -0.81 0.00	35.95 -0.66 0.00	34.57 -0.63 0.00	33.88 -0.62 0.00	34.46 -0.63 0.00	35.82 -0.54 0.00	37.73 -0.57 0.00	38.72 -0.71 0.00	41.62 -0.85 0.00	44.70 -0.77 0.00	48.33 -0.99 0.00	47.43 -1.07 0.00	47.80 -1.08 0.00	45.00 -1.01 0.00	40.98 -1.05 0.00	41.77 -1.07 0.00	44.98 -1.15 0.00	44.89 -1.15 0.00	42.85 -1.05 0.00	39.12 -0.96 0.00	38.74 -0.91 -0.02	33.76 -0.79 -0.30	31.69 -0.74 -0.31	31.47 -0.73 -0.20
EAST_RIVER___1 323558	42.37 2.06 0.00	38.22 1.61 0.00	36.79 1.59 0.00	35.99 1.48 0.00	36.63 1.54 0.00	37.82 1.46 0.00	39.95 1.65 0.00	41.59 2.17 0.00	45.01 2.55 0.00	48.21 2.73 0.00	52.57 3.25 0.00	51.69 3.20 0.00	52.10 3.22 0.00	49.00 2.99 0.00	44.89 2.86 0.00	45.88 3.04 0.00	49.41 3.28 0.00	49.31 3.27 0.00	46.90 2.99 0.00	42.73 2.65 0.00	42.52 2.62 -0.27	40.95 2.33 -4.37	38.84 2.15 -4.58	36.81 1.89 -2.91
EAST_RIVER___2 323559	42.25 1.94 0.00	38.08 1.47 0.00	36.64 1.44 0.00	35.85 1.34 0.00	36.49 1.40 0.00	37.68 1.31 0.00	39.80 1.49 0.00	41.47 2.05 0.00	44.93 2.46 0.00	48.07 2.59 0.00	52.48 3.16 0.00	51.60 3.11 0.00	52.01 3.13 0.00	48.91 2.90 0.00	44.80 2.77 0.00	45.83 3.00 0.00	49.36 3.23 0.00	49.21 3.17 0.00	46.81 2.90 0.00	42.65 2.57 0.00	42.40 2.50 -0.27	40.85 2.23 -4.37	38.75 2.06 -4.58	36.71 1.79 -2.91
EAST___DELAWARE_HYD 23607	41.61 1.29 0.00	37.53 0.92 0.00	36.18 0.98 0.00	35.40 0.90 0.00	36.00 0.91 0.00	37.24 0.87 0.00	39.34 1.03 0.00	40.81 1.38 0.00	44.21 1.74 0.00	47.30 1.82 0.00	51.44 2.12 0.00	50.53 2.04 0.00	50.93 2.05 0.00	47.94 1.93 0.00	43.84 1.81 0.00	44.89 2.06 0.00	48.44 2.31 0.00	48.30 2.26 0.00	45.93 2.02 0.00	41.73 1.64 0.00	41.53 1.66 -0.23	39.48 1.37 -3.86	37.38 1.22 -4.04	35.73 1.15 -2.57
EIGHT_POINT___WT_PWR 323820	39.31 -1.01 0.00	36.25 -0.37 0.00	34.67 -0.53 0.00	34.02 -0.48 0.00	34.56 -0.53 0.00	36.15 -0.22 0.00	37.92 -0.38 0.00	38.76 -0.67 0.00	41.70 -0.76 0.00	44.48 -1.00 0.00	47.94 -1.38 0.00	46.99 -1.50 0.00	47.26 -1.61 0.00	44.81 -1.20 0.00	40.64 -1.39 0.00	41.08 -1.76 0.00	44.42 -1.71 0.00	44.61 -1.43 0.00	42.59 -1.32 0.00	39.09 -1.00 0.00	37.86 -1.82 -0.05	33.47 -1.61 -0.83	31.28 -1.70 -0.87	30.99 -1.57 -0.55
ELBRIDGE_115KV_TB2 80188	39.67 -0.65 0.00	36.10 -0.51 0.00	34.64 -0.56 0.00	33.95 -0.55 0.00	34.52 -0.56 0.00	35.90 -0.47 0.00	37.77 -0.54 0.00	38.76 -0.67 0.00	41.70 -0.76 0.00	44.66 -0.82 0.00	48.33 -0.99 0.00	47.52 -0.97 0.00	47.90 -0.98 0.00	45.13 -0.87 0.00	41.15 -0.88 0.00	41.89 -0.94 0.00	45.16 -0.97 0.00	45.12 -0.92 0.00	43.07 -0.83 0.00	39.36 -0.72 0.00	38.91 -0.75 -0.03	34.04 -0.65 -0.44	31.96 -0.61 -0.46	31.72 -0.58 -0.29
ELEC_TRO_TEK 24086	42.37 2.06 0.00	38.04 1.43 0.00	36.57 1.37 0.00	35.74 1.24 0.00	36.52 1.44 0.00	37.79 1.42 0.00	39.99 1.69 0.00	41.91 2.48 0.00	45.35 2.89 0.00	51.42 2.91 -3.03	55.21 3.25 -2.63	63.03 3.15 -11.38	65.22 3.13 -13.22	65.75 2.90 -16.84	68.92 2.82 -24.08	52.87 3.17 -6.86	49.61 3.46 -0.02	49.70 3.50 -0.16	47.03 3.12 0.00	42.85 2.77 0.00	42.68 2.77 -0.27	40.99 2.36 -4.37	38.62 1.93 -4.58	36.74 1.82 -2.91

ELLENBURG_WT_PWR 323604	40.56 0.24 0.00	37.78 1.17 0.00	36.36 1.16 0.00	35.81 1.31 0.00	36.67 1.58 0.00	37.06 0.69 0.00	39.42 1.11 0.00	40.41 0.99 0.00	43.14 0.68 0.00	46.52 1.05 0.00	49.91 0.59 0.00	49.37 0.87 0.00	49.85 0.98 0.00	46.70 0.69 0.00	42.66 0.63 0.00	42.96 0.13 0.00	45.95 -0.18 0.00	45.30 -0.74 0.00	43.12 -0.79 0.00	38.72 -1.36 0.00	38.60 -1.03 0.00	33.12 -1.13 0.00	31.08 -1.03 0.00	31.18 -0.83 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	37.58 -2.74 0.00	35.00 -1.61 0.00	33.30 -1.90 0.00	32.64 -1.86 0.00	33.19 -1.89 0.00	34.91 -1.45 0.00	36.58 -1.72 0.00	37.10 -2.33 0.00	39.79 -2.68 0.00	42.20 -3.27 0.00	45.12 -4.19 0.00	44.13 -4.36 0.00	44.33 -4.55 0.00	42.28 -3.73 0.00	38.58 -3.45 0.00	39.15 -3.68 0.00	42.49 -3.64 0.00	42.54 -3.50 0.00	41.01 -2.90 0.00	37.92 -2.16 0.00	36.78 -2.89 -0.04	32.49 -2.40 -0.63	30.30 -2.47 -0.66	30.25 -2.18 -0.42
EMPIRE_CC_1 323656	41.53 1.21 0.00	37.56 0.95 0.00	36.18 0.98 0.00	35.47 0.96 0.00	36.07 0.98 0.00	37.35 0.98 0.00	39.27 0.96 0.00	40.45 1.02 0.00	43.57 1.10 0.00	46.66 1.18 0.00	50.70 1.38 0.00	49.90 1.41 0.00	50.24 1.37 0.00	47.25 1.24 0.00	43.29 1.26 0.00	44.12 1.28 0.00	47.47 1.34 0.00	47.33 1.29 0.00	45.18 1.27 0.00	41.25 1.16 0.00	41.17 1.23 -0.31	40.44 1.17 -5.02	38.47 1.09 -5.27	36.44 1.09 -3.35
EMPIRE_CC_2 323658	41.53 1.21 0.00	37.56 0.95 0.00	36.18 0.98 0.00	35.47 0.96 0.00	36.07 0.98 0.00	37.35 0.98 0.00	39.27 0.96 0.00	40.45 1.02 0.00	43.57 1.10 0.00	46.66 1.18 0.00	50.70 1.38 0.00	49.90 1.41 0.00	50.24 1.37 0.00	47.25 1.24 0.00	43.29 1.26 0.00	44.12 1.28 0.00	47.47 1.34 0.00	47.33 1.29 0.00	45.18 1.27 0.00	41.25 1.16 0.00	41.17 1.23 -0.31	40.44 1.17 -5.02	38.47 1.09 -5.27	36.44 1.09 -3.35
ENORWICH_115KV_TB1 80156	42.61 2.30 0.00	38.85 2.23 0.00	37.31 2.11 0.00	36.47 1.97 0.00	37.05 1.96 0.00	38.77 2.40 0.00	40.95 2.64 0.00	42.50 3.08 0.00	45.69 3.23 0.00	49.30 3.82 0.00	53.31 3.99 0.00	52.23 3.73 0.00	52.78 3.91 0.00	49.73 3.73 0.00	45.01 2.98 0.00	45.88 3.04 0.00	49.54 3.41 0.00	49.49 3.45 0.00	47.16 3.25 0.00	43.01 2.93 0.00	42.45 2.73 -0.08	37.66 2.12 -1.28	35.28 1.83 -1.34	34.56 1.70 -0.85
ERIE_ST_34_KV_TB1-2 80199	38.34 -1.98 0.00	35.62 -0.99 0.00	33.90 -1.30 0.00	33.23 -1.28 0.00	33.82 -1.26 0.00	35.53 -0.84 0.00	37.31 -1.00 0.00	37.85 -1.58 0.00	40.60 -1.87 0.00	43.11 -2.36 0.00	46.16 -3.16 0.00	45.15 -3.35 0.00	45.36 -3.52 0.00	43.25 -2.76 0.00	39.38 -2.65 0.00	39.92 -2.91 0.00	43.41 -2.72 0.00	43.60 -2.44 0.00	42.02 -1.89 0.00	38.80 -1.28 0.00	36.78 -2.89 -0.04	32.27 -2.64 -0.65	30.04 -2.76 -0.69	29.91 -2.53 -0.44
ERIE_WT_PWR 323693	37.94 -2.38 0.00	35.30 -1.32 0.00	33.58 -1.62 0.00	32.92 -1.59 0.00	33.47 -1.61 0.00	35.20 -1.17 0.00	36.89 -1.42 0.00	37.42 -2.01 0.00	40.17 -2.29 0.00	42.70 -2.78 0.00	45.57 -3.75 0.00	44.57 -3.93 0.00	44.77 -4.11 0.00	42.69 -3.31 0.00	38.92 -3.11 0.00	39.54 -3.30 0.00	42.90 -3.23 0.00	42.96 -3.08 0.00	41.36 -2.55 0.00	38.24 -1.84 0.00	36.94 -2.73 -0.04	32.57 -2.33 -0.65	30.38 -2.41 -0.68	30.29 -2.14 -0.43
ESPRGFLD_115KV_TB1 80157	41.49 1.17 0.00	37.60 0.99 0.00	36.12 0.92 0.00	35.40 0.90 0.00	35.96 0.88 0.00	37.42 1.05 0.00	39.57 1.26 0.00	40.96 1.54 0.00	44.29 1.83 0.00	47.57 2.09 0.00	51.59 2.27 0.00	50.63 2.13 0.00	50.88 2.00 0.00	47.89 1.89 0.00	43.63 1.60 0.00	44.55 1.71 0.00	48.07 1.94 0.00	48.11 2.07 0.00	45.84 1.93 0.00	41.85 1.76 0.00	41.26 1.63 0.00	35.52 1.27 0.00	33.14 1.03 0.00	32.90 0.90 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	40.64 0.32 0.00	37.02 0.40 0.00	35.52 0.32 0.00	34.81 0.31 0.00	35.37 0.28 0.00	36.84 0.47 0.00	38.81 0.50 0.00	39.98 0.55 0.00	43.06 0.59 0.00	46.11 0.64 0.00	49.86 0.54 0.00	48.93 0.44 0.00	49.31 0.44 0.00	46.51 0.51 0.00	42.32 0.29 0.00	43.09 0.26 0.00	46.54 0.42 0.00	46.55 0.51 0.00	44.43 0.53 0.00	40.61 0.52 0.00	40.05 0.36 -0.06	35.44 0.27 -0.92	33.23 0.16 -0.96	32.78 0.16 -0.61
ETNA____115KV_TB2 80207	40.64 0.32 0.00	37.02 0.40 0.00	35.52 0.32 0.00	34.81 0.31 0.00	35.37 0.28 0.00	36.84 0.47 0.00	38.81 0.50 0.00	39.98 0.55 0.00	43.06 0.59 0.00	46.11 0.64 0.00	49.86 0.54 0.00	48.93 0.44 0.00	49.31 0.44 0.00	46.51 0.51 0.00	42.32 0.29 0.00	43.09 0.26 0.00	46.54 0.42 0.00	46.55 0.51 0.00	44.43 0.53 0.00	40.61 0.52 0.00	40.05 0.36 -0.06	35.44 0.27 -0.92	33.23 0.16 -0.96	32.78 0.16 -0.61
EUCLID____115KV_TB2 356179	39.43 -0.89 0.00	35.88 -0.73 0.00	34.46 -0.74 0.00	33.78 -0.72 0.00	34.35 -0.74 0.00	35.71 -0.65 0.00	37.58 -0.73 0.00	38.52 -0.91 0.00	41.44 -1.02 0.00	44.39 -1.09 0.00	48.03 -1.28 0.00	47.23 -1.26 0.00	47.60 -1.27 0.00	44.90 -1.10 0.00	40.94 -1.09 0.00	41.68 -1.16 0.00	44.93 -1.20 0.00	44.84 -1.20 0.00	42.81 -1.10 0.00	39.12 -0.96 0.00	38.70 -0.95 -0.02	33.78 -0.82 -0.35	31.70 -0.77 -0.36	31.53 -0.70 -0.23
E_CANADA_CAP_HY 24051	41.89 1.57 0.00	37.89 1.28 0.00	36.43 1.23 0.00	35.71 1.21 0.00	36.28 1.19 0.00	37.71 1.35 0.00	39.84 1.53 0.00	41.20 1.78 0.00	44.59 2.12 0.00	47.80 2.32 0.00	51.78 2.46 0.00	50.87 2.38 0.00	50.93 2.05 0.00	47.94 1.93 0.00	43.75 1.72 0.00	44.77 1.93 0.00	48.30 2.17 0.00	48.34 2.30 0.00	46.15 2.24 0.00	42.21 2.12 0.00	41.98 1.98 -0.37	41.93 1.64 -6.03	39.78 1.35 -6.32	37.24 1.22 -4.02
E_CANADA_MHWK_HY 24050	41.65 1.33 0.00	37.86 1.25 0.00	36.36 1.16 0.00	35.57 1.07 0.00	36.17 1.09 0.00	37.46 1.09 0.00	39.34 1.03 0.00	40.49 1.06 0.00	43.53 1.06 0.00	46.62 1.14 0.00	50.55 1.23 0.00	49.80 1.31 0.00	50.34 1.46 0.00	47.48 1.47 0.00	43.41 1.38 0.00	44.25 1.41 0.00	47.56 1.43 0.00	47.38 1.34 0.00	45.14 1.23 0.00	41.05 0.96 0.00	40.51 0.87 0.00	34.90 0.65 0.00	32.72 0.61 0.00	32.58 0.58 0.00
E_FISHKILL____LBMP 23776	41.97 1.65 0.00	37.86 1.24 0.00	36.47 1.27 0.00	35.71 1.21 0.00	36.35 1.26 0.00	37.57 1.20 0.00	39.65 1.34 0.00	41.20 1.77 0.00	44.54 2.08 0.00	47.71 2.23 0.00	51.93 2.61 0.00	51.06 2.57 0.00	51.47 2.59 0.00	48.40 2.39 0.00	44.30 2.27 0.00	45.28 2.44 0.00	48.76 2.63 0.00	48.71 2.67 0.00	46.32 2.41 0.00	42.21 2.12 0.00	42.01 2.10 -0.27	40.51 1.82 -4.44	38.41 1.64 -4.66	36.47 1.50 -2.96
FALCON____SEABRD_CC1 323796	41.08 0.76 0.00	38.30 1.69 0.00	36.85 1.65 0.00	36.33 1.83 0.00	37.16 2.07 0.00	37.57 1.20 0.00	39.95 1.65 0.00	40.96 1.54 0.00	43.74 1.27 0.00	47.21 1.73 0.00	50.55 1.23 0.00	50.05 1.55 0.00	50.49 1.61 0.00	47.34 1.34 0.00	43.20 1.18 0.00	43.52 0.68 0.00	46.54 0.41 0.00	45.90 -0.14 0.00	43.65 -0.26 0.00	39.20 -0.88 0.00	39.04 -0.59 0.00	33.50 -0.75 0.00	31.44 -0.68 0.00	31.56 -0.45 0.00

FALCON___SEABRD_CC2 323797	41.08 0.76 0.00	38.30 1.69 0.00	36.85 1.65 0.00	36.33 1.83 0.00	37.16 2.07 0.00	37.57 1.20 0.00	39.95 1.65 0.00	40.96 1.54 0.00	43.74 1.27 0.00	47.21 1.73 0.00	50.55 1.23 0.00	50.05 1.55 0.00	50.49 1.61 0.00	47.34 1.34 0.00	43.20 1.18 0.00	43.52 0.68 0.00	46.54 0.41 0.00	45.90 -0.14 0.00	43.65 -0.26 0.00	39.20 -0.88 0.00	39.04 -0.59 0.00	33.50 -0.75 0.00	31.44 -0.68 0.00	31.56 -0.45 0.00
FAR ROCKAWAY___4 23548	42.82 2.50 0.00	38.44 1.83 0.00	36.92 1.72 0.00	36.09 1.59 0.00	36.84 1.75 0.00	38.11 1.75 0.00	40.38 2.07 0.00	42.30 2.88 0.00	45.78 3.31 0.00	51.76 3.50 -2.78	55.63 3.90 -2.41	62.70 3.78 -10.43	64.75 3.76 -12.11	64.98 3.54 -15.43	67.45 3.36 -22.05	52.76 3.64 -6.28	50.11 3.97 -0.01	50.19 4.01 -0.14	47.51 3.60 0.00	43.33 3.25 0.00	43.11 3.21 -0.27	41.36 2.74 -4.37	38.94 2.25 -4.58	37.10 2.18 -2.91
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	42.41 2.10 0.00	38.22 1.61 0.00	36.82 1.62 0.00	36.02 1.52 0.00	36.66 1.58 0.00	37.86 1.49 0.00	39.96 1.65 0.00	41.63 2.21 0.00	45.05 2.59 0.00	48.21 2.73 0.00	52.57 3.25 0.00	51.70 3.20 0.00	52.10 3.23 0.00	49.00 2.99 0.00	44.89 2.86 0.00	45.92 3.08 0.00	49.45 3.32 0.00	49.35 3.31 0.00	46.94 3.03 0.00	42.77 2.69 0.00	42.56 2.66 -0.27	40.99 2.36 -4.37	38.88 2.18 -4.58	36.84 1.92 -2.91
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	42.41 2.10 0.00	38.26 1.65 0.00	36.82 1.62 0.00	36.02 1.52 0.00	36.66 1.58 0.00	37.86 1.49 0.00	39.96 1.65 0.00	41.63 2.21 0.00	45.05 2.59 0.00	48.21 2.73 0.00	52.57 3.25 0.00	51.70 3.20 0.00	52.10 3.23 0.00	49.00 2.99 0.00	44.89 2.86 0.00	45.92 3.08 0.00	49.45 3.32 0.00	49.35 3.31 0.00	46.94 3.03 0.00	42.77 2.69 0.00	42.56 2.66 -0.27	40.99 2.36 -4.37	38.88 2.18 -4.58	36.84 1.92 -2.91
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	42.37 2.06 0.00	38.22 1.61 0.00	36.78 1.58 0.00	36.02 1.52 0.00	36.63 1.54 0.00	37.82 1.45 0.00	39.96 1.65 0.00	41.59 2.17 0.00	45.05 2.59 0.00	48.21 2.73 0.00	52.57 3.25 0.00	51.70 3.20 0.00	52.10 3.23 0.00	49.00 2.99 0.00	44.89 2.86 0.00	45.88 3.04 0.00	49.45 3.32 0.00	49.35 3.31 0.00	46.89 2.99 0.00	42.77 2.69 0.00	42.52 2.62 -0.27	40.95 2.33 -4.37	38.88 2.18 -4.58	36.84 1.92 -2.91
FARRAGUT___LBMP 323566	42.37 2.06 0.00	38.19 1.57 0.00	36.78 1.58 0.00	35.99 1.48 0.00	36.63 1.54 0.00	37.82 1.45 0.00	39.92 1.61 0.00	41.59 2.17 0.00	45.01 2.55 0.00	48.16 2.68 0.00	52.52 3.21 0.00	51.65 3.15 0.00	52.05 3.18 0.00	48.95 2.94 0.00	44.85 2.82 0.00	45.88 3.04 0.00	49.40 3.28 0.00	49.31 3.27 0.00	46.89 2.99 0.00	42.73 2.65 0.00	42.52 2.62 -0.27	40.95 2.33 -4.37	38.84 2.15 -4.58	36.81 1.89 -2.91
FENNER___WINDPWR 24204	40.84 0.52 0.00	37.16 0.55 0.00	35.73 0.53 0.00	35.02 0.52 0.00	35.61 0.53 0.00	36.99 0.62 0.00	39.00 0.69 0.00	40.21 0.79 0.00	43.27 0.80 0.00	46.43 0.96 0.00	50.25 0.93 0.00	49.37 0.87 0.00	49.80 0.93 0.00	46.88 0.87 0.00	42.66 0.63 0.00	43.48 0.64 0.00	46.82 0.69 0.00	46.73 0.69 0.00	44.57 0.66 0.00	40.65 0.56 0.00	40.18 0.51 -0.03	35.12 0.38 -0.49	32.95 0.32 -0.52	32.66 0.32 -0.33
FIBERTEK___ENERGY 23856	39.87 -0.44 0.00	36.28 -0.33 0.00	34.81 -0.39 0.00	34.16 -0.35 0.00	34.70 -0.39 0.00	36.08 -0.29 0.00	37.96 -0.34 0.00	38.95 -0.47 0.00	41.95 -0.51 0.00	44.98 -0.50 0.00	48.68 -0.64 0.00	47.86 -0.63 0.00	48.24 -0.64 0.00	45.46 -0.55 0.00	41.40 -0.63 0.00	42.15 -0.69 0.00	45.39 -0.74 0.00	45.35 -0.69 0.00	43.25 -0.66 0.00	39.52 -0.56 0.00	39.11 -0.55 -0.03	34.19 -0.48 -0.41	32.10 -0.45 -0.43	31.87 -0.42 -0.28
FITZPATRICK____ 23598	38.99 -1.33 0.00	35.48 -1.14 0.00	34.07 -1.13 0.00	33.40 -1.11 0.00	33.96 -1.12 0.00	35.28 -1.09 0.00	37.16 -1.15 0.00	38.01 -1.42 0.00	40.85 -1.61 0.00	43.75 -1.73 0.00	47.34 -1.97 0.00	46.55 -1.94 0.00	46.97 -1.91 0.00	44.21 -1.80 0.00	40.35 -1.68 0.00	41.12 -1.71 0.00	44.28 -1.85 0.00	44.24 -1.80 0.00	42.19 -1.71 0.00	38.56 -1.52 0.00	38.14 -1.51 -0.01	33.19 -1.30 -0.24	31.21 -1.15 -0.26	31.05 -1.12 -0.16
FLOWRFLD_69_KV_BK1 356044	42.90 2.58 0.00	38.44 1.83 0.00	36.92 1.72 0.00	36.06 1.55 0.00	36.98 1.89 0.00	38.26 1.89 0.00	40.61 2.30 0.00	42.62 3.19 0.00	46.12 3.65 0.00	50.98 3.77 -1.72	54.91 4.09 -1.50	58.85 3.88 -6.47	60.25 3.86 -7.52	59.27 3.68 -9.58	59.42 3.70 -13.69	50.81 4.07 -3.90	50.57 4.43 -0.01	50.69 4.56 -0.09	47.77 3.86 0.00	43.49 3.41 0.00	43.27 3.37 -0.27	41.50 2.88 -4.37	38.91 2.22 -4.58	37.16 2.24 -2.91
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	42.25 1.94 0.00	38.08 1.46 0.00	36.68 1.48 0.00	35.92 1.41 0.00	36.52 1.44 0.00	37.75 1.38 0.00	39.84 1.53 0.00	41.36 1.93 0.00	44.84 2.38 0.00	48.02 2.55 0.00	52.33 3.01 0.00	51.40 2.91 0.00	51.76 2.88 0.00	48.72 2.71 0.00	44.59 2.56 0.00	45.62 2.78 0.00	49.17 3.04 0.00	48.99 2.95 0.00	46.59 2.68 0.00	42.37 2.28 0.00	42.20 2.30 -0.27	40.62 1.99 -4.39	38.51 1.80 -4.60	36.63 1.70 -2.92
FORT ORANGE____ 23900	41.65 1.33 0.00	37.71 1.10 0.00	36.33 1.13 0.00	35.64 1.14 0.00	36.21 1.12 0.00	37.46 1.09 0.00	39.23 0.92 0.00	40.45 1.02 0.00	43.44 0.98 0.00	46.39 0.91 0.00	50.40 1.08 0.00	49.56 1.07 0.00	49.95 1.07 0.00	46.88 0.87 0.00	43.00 0.97 0.00	43.82 0.99 0.00	47.14 1.01 0.00	47.05 1.01 0.00	44.96 1.05 0.00	41.33 1.24 0.00	41.18 1.23 -0.31	40.51 1.10 -5.16	38.68 1.15 -5.41	36.57 1.12 -3.44
FORT_DRUM_COGEN 23780	39.79 -0.52 0.00	36.39 -0.22 0.00	35.02 -0.18 0.00	34.47 -0.03 0.00	35.05 -0.04 0.00	36.33 -0.04 0.00	38.46 0.15 0.00	39.74 0.32 0.00	42.59 0.13 0.00	45.89 0.41 0.00	49.46 0.15 0.00	48.35 -0.15 0.00	48.78 -0.10 0.00	45.73 -0.28 0.00	41.53 -0.50 0.00	42.36 -0.47 0.00	45.67 -0.46 0.00	45.58 -0.46 0.00	43.56 -0.35 0.00	39.48 -0.60 0.00	39.17 -0.48 -0.01	33.85 -0.62 -0.21	31.72 -0.61 -0.22	31.51 -0.64 -0.14
FOX_HILLS___ESR 323835	42.95 2.62 -0.01	38.71 2.09 -0.01	37.25 2.04 -0.01	36.44 1.93 -0.01	37.06 1.96 -0.01	38.08 1.71 0.00	39.88 1.57 0.00	41.32 1.89 0.00	44.63 2.17 0.00	47.75 2.27 0.00	52.13 2.81 0.00	51.31 2.81 0.00	51.76 2.88 0.00	48.63 2.62 0.00	44.55 2.52 0.00	45.58 2.74 0.00	49.17 3.04 0.00	49.03 2.99 0.00	46.63 2.72 0.00	42.49 2.41 0.00	42.24 2.34 -0.27	40.88 2.26 -4.37	39.05 2.34 -4.59	37.10 2.18 -2.92
FPL FAR_ROCK_GT1 24212	42.82 2.50 0.00	38.52 1.90 0.00	36.92 1.72 0.00	36.09 1.59 0.00	36.84 1.75 0.00	38.11 1.75 0.00	40.38 2.07 0.00	42.30 2.88 0.00	45.78 3.31 0.00	51.76 3.50 -2.78	55.63 3.90 -2.41	62.71 3.79 -10.43	64.80 3.81 -12.11	64.98 3.54 -15.43	67.45 3.36 -22.05	52.76 3.64 -6.28	50.11 3.97 -0.01	50.19 4.00 -0.14	47.51 3.60 0.00	43.33 3.25 0.00	43.11 3.21 -0.27	41.33 2.71 -4.37	38.94 2.25 -4.58	37.10 2.18 -2.91

FPL FAR_ROCK_GT2 23815	42.82 2.50 0.00	38.52 1.90 0.00	36.92 1.72 0.00	36.09 1.59 0.00	36.84 1.75 0.00	38.11 1.75 0.00	40.38 2.07 0.00	42.30 2.88 0.00	45.78 3.31 0.00	51.76 3.50 -2.78	55.63 3.90 -2.41	62.71 3.79 -10.43	64.80 3.81 -12.11	64.98 3.54 -15.43	67.45 3.36 -22.05	52.76 3.64 -6.28	50.11 3.97 -0.01	50.19 4.00 -0.14	47.51 3.60 0.00	43.33 3.25 0.00	43.11 3.21 -0.27	41.33 2.71 -4.37	38.94 2.25 -4.58	37.10 2.18 -2.91
FRANKLIN_FALL_HYD 24054	40.92 0.60 0.00	38.11 1.50 0.00	36.64 1.44 0.00	36.12 1.62 0.00	36.98 1.89 0.00	37.31 0.95 0.00	39.76 1.46 0.00	40.81 1.38 0.00	43.57 1.10 0.00	47.02 1.55 0.00	50.35 1.04 0.00	49.85 1.36 0.00	50.39 1.52 0.00	47.11 1.10 0.00	43.00 0.97 0.00	43.26 0.43 0.00	46.27 0.14 0.00	45.63 -0.41 0.00	43.43 -0.48 0.00	38.92 -1.16 0.00	38.85 -0.79 0.00	33.40 -0.92 -0.07	31.35 -0.83 -0.07	31.48 -0.58 -0.05
FREEPORT_EQUUS_GT1 23764	42.61 2.30 0.00	38.33 1.72 0.00	36.75 1.55 0.00	35.88 1.38 0.00	36.67 1.58 0.00	37.97 1.60 0.00	40.22 1.91 0.00	42.14 2.72 0.00	45.61 3.14 0.00	50.97 3.18 -2.31	54.68 3.36 -2.00	60.40 3.25 -8.65	62.15 3.22 -10.05	61.80 2.99 -12.80	63.23 2.90 -18.31	51.48 3.43 -5.22	49.93 3.78 -0.01	49.98 3.82 -0.12	47.34 3.43 0.00	43.13 3.05 0.00	42.91 3.01 -0.27	41.16 2.53 -4.37	38.78 2.09 -4.58	36.90 1.99 -2.91
FREEPORT___CT2 23818	42.61 2.30 0.00	38.33 1.72 0.00	36.75 1.55 0.00	35.88 1.38 0.00	36.67 1.58 0.00	37.97 1.60 0.00	40.22 1.91 0.00	42.14 2.72 0.00	45.61 3.14 0.00	50.97 3.18 -2.31	54.68 3.36 -2.00	60.40 3.25 -8.65	62.15 3.22 -10.05	61.80 2.99 -12.80	63.23 2.90 -18.31	51.48 3.43 -5.22	49.93 3.78 -0.01	49.98 3.82 -0.12	47.34 3.43 0.00	43.13 3.05 0.00	42.91 3.01 -0.27	41.16 2.53 -4.37	38.78 2.09 -4.58	36.90 1.99 -2.91
FRESHKLS_33_KV_LOAD 356253	43.07 2.74 -0.01	38.85 2.23 -0.01	37.36 2.15 -0.01	36.55 2.04 -0.01	37.20 2.11 -0.01	38.15 1.78 0.00	39.88 1.57 0.00	41.28 1.85 0.00	44.50 2.04 0.00	47.62 2.14 0.00	51.98 2.66 0.00	51.16 2.67 0.00	51.56 2.69 0.00	48.49 2.48 0.00	44.43 2.40 0.00	45.49 2.66 0.00	49.04 2.91 0.00	48.89 2.85 0.00	46.50 2.59 0.00	42.37 2.28 0.00	42.12 2.22 -0.27	40.88 2.26 -4.37	39.05 2.34 -4.59	37.14 2.21 -2.92
FULTON COGEN____ 23766	39.23 -1.09 0.00	35.70 -0.92 0.00	34.28 -0.92 0.00	33.61 -0.90 0.00	34.14 -0.95 0.00	35.49 -0.87 0.00	37.35 -0.96 0.00	38.28 -1.14 0.00	41.23 -1.23 0.00	44.16 -1.32 0.00	47.79 -1.53 0.00	46.99 -1.50 0.00	47.36 -1.52 0.00	44.63 -1.38 0.00	40.64 -1.39 0.00	41.42 -1.41 0.00	44.61 -1.52 0.00	44.57 -1.47 0.00	42.55 -1.36 0.00	38.88 -1.20 0.00	38.47 -1.19 -0.02	33.55 -1.03 -0.33	31.52 -0.93 -0.34	31.33 -0.90 -0.22
FULTON___LFGE 323630	42.29 1.98 0.00	38.22 1.61 0.00	36.79 1.59 0.00	36.06 1.55 0.00	36.63 1.54 0.00	38.08 1.71 0.00	40.15 1.84 0.00	41.51 2.09 0.00	44.93 2.46 0.00	48.21 2.73 0.00	52.23 2.91 0.00	51.35 2.86 0.00	51.46 2.59 0.00	48.40 2.39 0.00	44.21 2.18 0.00	45.15 2.31 0.00	48.66 2.54 0.00	48.76 2.72 0.00	46.54 2.63 0.00	42.57 2.49 0.00	42.36 2.38 -0.35	41.99 1.99 -5.76	39.81 1.67 -6.03	37.41 1.57 -3.83
G.F.CEMENT___DRP 24184	42.86 2.54 0.00	38.77 2.16 0.00	37.28 2.08 0.00	36.57 2.07 0.00	37.12 2.03 0.00	38.48 2.11 0.00	40.57 2.26 0.00	41.91 2.48 0.00	45.48 3.01 0.00	48.75 3.27 0.00	53.02 3.70 0.00	52.18 3.69 0.00	52.44 3.57 0.00	49.09 3.08 0.00	44.85 2.82 0.00	45.62 2.78 0.00	49.04 2.91 0.00	49.03 2.99 0.00	46.81 2.90 0.00	42.81 2.73 0.00	42.62 2.66 -0.33	41.86 2.26 -5.35	39.67 1.96 -5.60	37.55 1.98 -3.56
GARDENVILLE___LBMP 24039	37.78 -2.54 0.00	35.15 -1.46 0.00	33.44 -1.76 0.00	32.78 -1.73 0.00	33.37 -1.72 0.00	35.06 -1.31 0.00	36.78 -1.53 0.00	37.30 -2.13 0.00	40.00 -2.46 0.00	42.43 -3.05 0.00	45.42 -3.90 0.00	44.37 -4.12 0.00	44.57 -4.30 0.00	42.51 -3.50 0.00	38.79 -3.24 0.00	39.32 -3.51 0.00	42.67 -3.46 0.00	42.77 -3.27 0.00	41.23 -2.68 0.00	38.08 -2.00 0.00	36.86 -2.81 -0.04	32.50 -2.40 -0.64	30.31 -2.47 -0.68	30.23 -2.21 -0.43
GARDNVLA_35_KV_LD 355827	37.98 -2.34 0.00	35.33 -1.28 0.00	33.62 -1.58 0.00	32.95 -1.55 0.00	33.51 -1.58 0.00	35.24 -1.13 0.00	36.93 -1.38 0.00	37.45 -1.97 0.00	40.21 -2.25 0.00	42.61 -2.87 0.00	45.62 -3.70 0.00	44.61 -3.88 0.00	44.82 -4.06 0.00	42.74 -3.27 0.00	39.00 -3.03 0.00	39.54 -3.30 0.00	42.90 -3.23 0.00	43.00 -3.04 0.00	41.45 -2.46 0.00	38.32 -1.76 0.00	36.98 -2.70 -0.04	32.60 -2.29 -0.65	30.41 -2.38 -0.68	30.33 -2.11 -0.43
GELCKHM___115KV_LOAD 80723	39.59 -0.73 0.00	36.03 -0.59 0.00	34.60 -0.60 0.00	33.92 -0.59 0.00	34.49 -0.60 0.00	35.82 -0.55 0.00	37.73 -0.57 0.00	38.68 -0.75 0.00	41.66 -0.81 0.00	44.61 -0.86 0.00	48.28 -1.04 0.00	47.48 -1.02 0.00	47.85 -1.03 0.00	45.09 -0.92 0.00	41.10 -0.92 0.00	41.85 -0.99 0.00	45.11 -1.01 0.00	45.03 -1.01 0.00	42.99 -0.92 0.00	39.28 -0.80 0.00	38.83 -0.83 -0.02	33.94 -0.69 -0.37	31.86 -0.64 -0.39	31.65 -0.61 -0.25
GENERAL___MILLS 23808	37.90 -2.42 0.00	35.26 -1.35 0.00	33.55 -1.65 0.00	32.88 -1.62 0.00	33.47 -1.61 0.00	35.17 -1.20 0.00	36.89 -1.42 0.00	37.42 -2.01 0.00	40.13 -2.34 0.00	42.57 -2.91 0.00	45.57 -3.75 0.00	44.52 -3.98 0.00	44.72 -4.15 0.00	42.65 -3.36 0.00	38.92 -3.11 0.00	39.45 -3.38 0.00	42.85 -3.28 0.00	42.91 -3.13 0.00	41.36 -2.55 0.00	38.24 -1.84 0.00	36.90 -2.77 -0.04	32.57 -2.33 -0.65	30.35 -2.44 -0.68	30.26 -2.18 -0.43
GE_PLASTICS___DRP 24183	41.41 1.09 0.00	37.49 0.88 0.00	36.12 0.92 0.00	35.40 0.90 0.00	36.00 0.91 0.00	37.24 0.87 0.00	39.07 0.77 0.00	40.33 0.91 0.00	43.36 0.89 0.00	46.39 0.91 0.00	50.40 1.08 0.00	49.56 1.07 0.00	49.95 1.08 0.00	46.93 0.92 0.00	43.00 0.97 0.00	43.82 0.99 0.00	47.14 1.01 0.00	47.05 1.01 0.00	44.87 0.97 0.00	41.17 1.08 0.00	41.02 1.07 -0.31	40.37 0.96 -5.16	38.52 1.00 -5.41	36.41 0.96 -3.44
GILBOA___1 23756	41.20 0.89 0.00	37.31 0.69 0.00	35.90 0.70 0.00	35.19 0.69 0.00	35.79 0.70 0.00	37.06 0.69 0.00	39.03 0.73 0.00	40.33 0.91 0.00	43.53 1.06 0.00	46.62 1.14 0.00	50.65 1.33 0.00	49.75 1.26 0.00	50.14 1.27 0.00	47.20 1.19 0.00	43.16 1.14 0.00	44.03 1.20 0.00	47.42 1.29 0.00	47.33 1.29 0.00	45.14 1.23 0.00	41.21 1.12 0.00	40.95 1.07 -0.25	39.26 0.93 -4.08	37.22 0.83 -4.28	35.53 0.80 -2.72
GILBOA___2 23757	41.20 0.89 0.00	37.31 0.69 0.00	35.90 0.70 0.00	35.19 0.69 0.00	35.79 0.70 0.00	37.06 0.69 0.00	39.03 0.73 0.00	40.33 0.91 0.00	43.53 1.06 0.00	46.62 1.14 0.00	50.65 1.33 0.00	49.75 1.26 0.00	50.14 1.27 0.00	47.20 1.19 0.00	43.16 1.14 0.00	44.03 1.20 0.00	47.42 1.29 0.00	47.33 1.29 0.00	45.14 1.23 0.00	41.21 1.12 0.00	40.95 1.07 -0.25	39.26 0.93 -4.08	37.22 0.83 -4.28	35.53 0.80 -2.72

GILBOA___3 23758	41.20 0.89 0.00	37.31 0.69 0.00	35.90 0.70 0.00	35.19 0.69 0.00	35.79 0.70 0.00	37.06 0.69 0.00	39.03 0.73 0.00	40.33 0.91 0.00	43.53 1.06 0.00	46.62 1.14 0.00	50.65 1.33 0.00	49.75 1.26 0.00	50.14 1.27 0.00	47.20 1.19 0.00	43.16 1.14 0.00	44.03 1.20 0.00	47.42 1.29 0.00	47.33 1.29 0.00	45.14 1.23 0.00	41.21 1.12 0.00	40.95 1.07 -0.25	39.26 0.93 -4.08	37.22 0.83 -4.28	35.53 0.80 -2.72
GILBOA___4 23759	41.20 0.89 0.00	37.31 0.69 0.00	35.90 0.70 0.00	35.19 0.69 0.00	35.79 0.70 0.00	37.06 0.69 0.00	39.03 0.73 0.00	40.33 0.91 0.00	43.53 1.06 0.00	46.62 1.14 0.00	50.65 1.33 0.00	49.75 1.26 0.00	50.14 1.27 0.00	47.20 1.19 0.00	43.16 1.14 0.00	44.03 1.20 0.00	47.42 1.29 0.00	47.33 1.29 0.00	45.14 1.23 0.00	41.21 1.12 0.00	40.95 1.07 -0.25	39.26 0.93 -4.08	37.22 0.83 -4.28	35.53 0.80 -2.72
GILBOA___ 23599	41.20 0.89 0.00	37.31 0.70 0.00	35.90 0.70 0.00	35.19 0.69 0.00	35.79 0.70 0.00	37.06 0.69 0.00	39.04 0.73 0.00	40.33 0.91 0.00	43.53 1.06 0.00	46.62 1.14 0.00	50.65 1.33 0.00	49.76 1.26 0.00	50.15 1.27 0.00	47.20 1.20 0.00	43.16 1.13 0.00	44.04 1.20 0.00	47.42 1.29 0.00	47.33 1.29 0.00	45.14 1.23 0.00	41.21 1.12 0.00	40.95 1.07 -0.25	39.26 0.92 -4.08	37.22 0.83 -4.28	35.53 0.80 -2.72
GINNA___ 23603	36.85 -3.47 0.00	33.83 -2.78 0.00	32.35 -2.85 0.00	31.71 -2.79 0.00	32.25 -2.84 0.00	33.75 -2.62 0.00	35.43 -2.87 0.00	36.31 -3.12 0.00	39.03 -3.44 0.00	41.61 -3.87 0.00	44.88 -4.44 0.00	44.08 -4.41 0.00	44.38 -4.50 0.00	42.05 -3.96 0.00	38.33 -3.70 0.00	38.98 -3.86 0.00	42.12 -4.01 0.00	42.08 -3.96 0.00	40.22 -3.69 0.00	36.96 -3.13 0.00	36.61 -3.05 -0.03	32.19 -2.53 -0.47	30.16 -2.44 -0.49	29.95 -2.37 -0.31
GLEN PARK___ 23778	39.91 -0.40 0.00	36.50 -0.11 0.00	35.13 -0.07 0.00	34.50 0.00 0.00	35.12 0.04 0.00	36.44 0.07 0.00	38.54 0.23 0.00	39.86 0.43 0.00	42.68 0.21 0.00	45.98 0.50 0.00	49.56 0.25 0.00	48.45 -0.05 0.00	48.83 -0.05 0.00	45.82 -0.18 0.00	41.61 -0.42 0.00	42.45 -0.39 0.00	45.85 -0.28 0.00	45.77 -0.27 0.00	43.78 -0.13 0.00	39.69 -0.40 0.00	39.37 -0.28 -0.01	33.99 -0.48 -0.22	31.86 -0.48 -0.23	31.61 -0.54 -0.15
GLENDALE_27_KV_LOAD 356172	42.74 2.42 -0.01	38.52 1.90 -0.01	37.07 1.87 -0.01	36.30 1.79 -0.01	36.92 1.82 -0.01	38.04 1.67 0.00	40.03 1.72 0.00	41.67 2.25 0.00	45.10 2.63 0.00	48.30 2.82 0.00	52.67 3.35 0.00	51.79 3.30 0.00	52.25 3.37 0.00	49.14 3.13 0.00	44.97 2.94 0.00	46.01 3.17 0.00	49.59 3.46 0.00	49.45 3.41 0.00	47.03 3.12 0.00	42.85 2.77 0.00	42.60 2.70 -0.27	41.09 2.47 -0.37	39.11 2.41 -0.49	37.07 2.14 -0.92
GLENWOOD_IC_1_G5 23712	42.53 2.22 0.00	38.26 1.65 0.00	36.78 1.58 0.00	35.99 1.48 0.00	36.66 1.58 0.00	37.93 1.56 0.00	40.15 1.84 0.00	41.91 2.48 0.00	45.39 2.93 0.00	51.54 3.09 -2.97	55.45 3.55 -2.58	63.09 3.44 -11.15	65.30 3.47 -12.95	65.73 3.22 -16.50	68.68 3.07 -23.59	52.85 3.30 -6.72	49.74 3.60 -0.02	49.83 3.64 -0.15	47.16 3.25 0.00	42.97 2.89 0.00	42.75 2.85 -0.27	41.09 2.47 -0.37	38.78 2.09 -0.48	36.87 1.95 -2.91
GLENWOOD_IC_2_G1 23688	42.37 2.06 0.00	38.15 1.54 0.00	36.68 1.48 0.00	35.88 1.38 0.00	36.56 1.47 0.00	37.78 1.42 0.00	39.95 1.65 0.00	41.71 2.29 0.00	45.14 2.68 0.00	48.43 2.82 -0.13	52.68 3.25 -0.11	52.12 3.15 -0.48	52.61 3.18 -0.56	49.66 2.95 -0.71	45.86 2.82 -1.01	46.17 3.04 -0.29	49.45 3.32 0.00	49.36 3.32 -0.01	46.94 3.03 0.00	42.73 2.65 0.00	42.56 2.66 -0.27	40.88 2.26 -0.37	38.69 1.99 -0.48	36.74 1.82 -2.91
GLENWOOD_IC_3_G1 23689	42.37 2.06 0.00	38.15 1.54 0.00	36.68 1.48 0.00	35.88 1.38 0.00	36.56 1.47 0.00	37.78 1.42 0.00	39.95 1.65 0.00	41.71 2.29 0.00	45.14 2.68 0.00	48.43 2.82 -0.13	52.68 3.25 -0.11	52.12 3.15 -0.48	52.61 3.18 -0.56	49.66 2.95 -0.71	45.86 2.82 -1.01	46.17 3.04 -0.29	49.45 3.32 0.00	49.36 3.32 -0.01	46.94 3.03 0.00	42.73 2.65 0.00	42.56 2.66 -0.27	40.88 2.26 -0.37	38.69 1.99 -0.48	36.74 1.82 -2.91
GLENWOOD___4 23550	42.53 2.22 0.00	38.26 1.65 0.00	36.78 1.58 0.00	35.99 1.48 0.00	36.66 1.58 0.00	37.93 1.56 0.00	40.15 1.84 0.00	41.91 2.48 0.00	45.39 2.93 0.00	51.54 3.09 -2.97	55.45 3.55 -2.58	63.09 3.44 -11.15	65.30 3.47 -12.95	65.73 3.22 -16.50	68.68 3.07 -23.59	52.85 3.30 -6.72	49.74 3.60 -0.02	49.83 3.64 -0.15	47.16 3.25 0.00	42.97 2.89 0.00	42.75 2.85 -0.27	41.09 2.47 -0.37	38.78 2.09 -0.48	36.87 1.95 -2.91
GLENWOOD___5 23614	42.53 2.22 0.00	38.26 1.65 0.00	36.78 1.58 0.00	35.99 1.48 0.00	36.66 1.58 0.00	37.93 1.56 0.00	40.15 1.84 0.00	41.91 2.48 0.00	45.39 2.93 0.00	51.54 3.09 -2.97	55.45 3.55 -2.58	63.09 3.44 -11.15	65.30 3.47 -12.95	65.73 3.22 -16.50	68.68 3.07 -23.59	52.85 3.30 -6.72	49.74 3.60 -0.02	49.83 3.64 -0.15	47.16 3.25 0.00	42.97 2.89 0.00	42.75 2.85 -0.27	41.09 2.47 -0.37	38.78 2.09 -0.48	36.87 1.95 -2.91
GLOBAL GREEN_PORT_GT1 23814	43.74 3.42 0.00	39.28 2.67 0.00	37.52 2.32 0.00	36.64 2.14 0.00	37.72 2.63 0.00	38.91 2.54 0.00	41.10 2.79 0.00	43.09 3.67 0.00	46.37 3.90 0.00	51.20 4.00 -1.72	54.66 3.85 -1.49	58.62 3.68 -6.44	60.02 3.67 -7.48	58.94 3.40 -9.53	59.35 3.70 -13.62	50.70 3.98 -3.88	50.24 4.10 -0.01	50.36 4.23 -0.09	47.34 3.43 0.00	42.93 2.85 0.00	42.72 2.81 -0.27	40.98 2.36 -0.37	38.49 1.80 -0.48	37.06 2.14 -2.91
GLOBE___DSASP 323697	36.41 -3.91 0.00	33.98 -2.64 0.00	32.24 -2.96 0.00	31.60 -2.90 0.00	32.17 -2.91 0.00	33.86 -2.51 0.00	35.43 -2.87 0.00	35.84 -3.59 0.00	38.43 -4.03 0.00	40.61 -4.87 0.00	43.35 -5.97 0.00	42.43 -6.06 0.00	42.62 -6.26 0.00	40.72 -5.29 0.00	37.24 -4.79 0.00	37.82 -5.01 0.00	41.01 -5.12 0.00	40.98 -5.06 0.00	39.61 -4.30 0.00	36.64 -3.45 0.00	35.95 -3.73 -0.04	31.84 -3.01 -0.60	29.78 -2.95 -0.63	29.78 -2.62 -0.40
GOETHSLN___LBMP 323567	42.17 1.85 0.00	38.04 1.43 0.00	36.61 1.41 0.00	35.85 1.35 0.00	36.45 1.37 0.00	37.68 1.31 0.00	39.80 1.49 0.00	41.48 2.05 0.00	44.93 2.46 0.00	48.07 2.59 0.00	52.42 3.11 0.00	51.55 3.06 0.00	51.95 3.08 0.00	48.86 2.85 0.00	44.76 2.73 0.00	45.79 2.96 0.00	49.31 3.18 0.00	49.26 3.22 0.00	46.81 2.90 0.00	42.65 2.57 0.00	42.44 2.54 -0.27	40.88 2.26 -0.37	38.75 2.06 -0.48	36.68 1.76 -2.91
GOLAH___69_KV_TB 1_2 80279	38.34 -1.98 0.00	35.40 -1.21 0.00	33.76 -1.44 0.00	33.09 -1.41 0.00	33.65 -1.44 0.00	35.31 -1.05 0.00	37.01 -1.30 0.00	37.77 -1.66 0.00	40.55 -1.91 0.00	43.07 -2.41 0.00	46.31 -3.01 0.00	45.39 -3.10 0.00	45.70 -3.18 0.00	43.34 -2.67 0.00	39.55 -2.48 0.00	40.14 -2.70 0.00	43.45 -2.68 0.00	43.51 -2.53 0.00	41.76 -2.15 0.00	38.44 -1.64 0.00	38.00 -1.66 -0.03	33.44 -1.30 -0.49	31.37 -1.25 -0.52	31.22 -1.12 -0.33

GOODYEAR_LAKE_HYD 323669	41.37 1.05 0.00	37.53 0.92 0.00	36.08 0.88 0.00	35.33 0.83 0.00	35.93 0.84 0.00	37.35 0.98 0.00	39.42 1.11 0.00	40.85 1.42 0.00	44.08 1.61 0.00	47.39 1.91 0.00	51.39 2.07 0.00	50.48 1.99 0.00	50.83 1.95 0.00	47.85 1.84 0.00	43.58 1.56 0.00	44.51 1.67 0.00	47.97 1.85 0.00	47.88 1.84 0.00	45.66 1.76 0.00	41.61 1.52 0.00	41.14 1.43 -0.08	36.66 1.13 -1.28	34.39 0.93 -1.34	33.69 0.83 -0.85
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	40.36 0.04 0.00	36.80 0.18 0.00	35.27 0.07 0.00	34.61 0.10 0.00	35.16 0.07 0.00	36.59 0.22 0.00	38.54 0.23 0.00	39.70 0.28 0.00	42.72 0.25 0.00	45.75 0.27 0.00	49.46 0.15 0.00	48.59 0.10 0.00	48.97 0.10 0.00	46.19 0.18 0.00	42.07 0.04 0.00	42.84 0.00 0.00	46.27 0.14 0.00	46.27 0.23 0.00	44.22 0.31 0.00	40.41 0.32 0.00	39.76 0.04 -0.08	35.59 0.00 -1.34	33.42 -0.10 -1.40	32.80 -0.10 -0.89
GOUDEY___7 23579	40.36 0.04 0.00	36.80 0.18 0.00	35.27 0.07 0.00	34.61 0.10 0.00	35.16 0.07 0.00	36.59 0.22 0.00	38.54 0.23 0.00	39.70 0.28 0.00	42.72 0.25 0.00	45.75 0.27 0.00	49.46 0.15 0.00	48.59 0.10 0.00	48.97 0.10 0.00	46.19 0.18 0.00	42.07 0.04 0.00	42.84 0.00 0.00	46.27 0.14 0.00	46.27 0.23 0.00	44.22 0.31 0.00	40.41 0.32 0.00	39.76 0.04 -0.08	35.59 0.00 -1.34	33.42 -0.10 -1.40	32.80 -0.10 -0.89
GOUDEY___8 23580	40.36 0.04 0.00	36.80 0.18 0.00	35.27 0.07 0.00	34.61 0.10 0.00	35.16 0.07 0.00	36.59 0.22 0.00	38.54 0.23 0.00	39.70 0.28 0.00	42.72 0.25 0.00	45.75 0.27 0.00	49.46 0.15 0.00	48.59 0.10 0.00	48.97 0.10 0.00	46.19 0.18 0.00	42.07 0.04 0.00	42.84 0.00 0.00	46.27 0.14 0.00	46.27 0.23 0.00	44.22 0.31 0.00	40.41 0.32 0.00	39.76 0.04 -0.08	35.59 0.00 -1.34	33.42 -0.10 -1.40	32.80 -0.10 -0.89
GOWANUS_GT1_1 24077	42.82 2.50 -0.01	38.63 2.01 -0.01	37.14 1.94 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.34 0.00	47.93 2.46 0.00	52.37 3.06 0.00	51.50 3.01 0.00	51.95 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.22 3.18 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.95 2.33 -4.37	39.05 2.34 -4.59	37.07 2.14 -2.92
GOWANUS_GT1_2 24078	42.82 2.50 -0.01	38.63 2.01 -0.01	37.14 1.94 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.34 0.00	47.93 2.46 0.00	52.37 3.06 0.00	51.50 3.01 0.00	51.95 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.22 3.18 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.95 2.33 -4.37	39.05 2.34 -4.59	37.07 2.14 -2.92
GOWANUS_GT1_3 24079	42.82 2.50 -0.01	38.63 2.01 -0.01	37.14 1.94 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.34 0.00	47.93 2.46 0.00	52.37 3.06 0.00	51.50 3.01 0.00	51.95 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.22 3.18 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.95 2.33 -4.37	39.05 2.34 -4.59	37.07 2.14 -2.92
GOWANUS_GT1_4 24080	42.82 2.50 -0.01	38.63 2.01 -0.01	37.14 1.94 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.34 0.00	47.93 2.46 0.00	52.37 3.06 0.00	51.50 3.01 0.00	51.95 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.22 3.18 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.95 2.33 -4.37	39.05 2.34 -4.59	37.07 2.14 -2.92
GOWANUS_GT1_5 24084	42.82 2.50 -0.01	38.63 2.01 -0.01	37.14 1.94 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.34 0.00	47.93 2.46 0.00	52.37 3.06 0.00	51.50 3.01 0.00	51.95 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.22 3.18 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.95 2.33 -4.37	39.05 2.34 -4.59	37.07 2.14 -2.92
GOWANUS_GT1_6 24111	42.82 2.50 -0.01	38.63 2.01 -0.01	37.14 1.94 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.34 0.00	47.93 2.46 0.00	52.37 3.06 0.00	51.50 3.01 0.00	51.95 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.22 3.18 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.95 2.33 -4.37	39.05 2.34 -4.59	37.07 2.14 -2.92
GOWANUS_GT1_7 24112	42.82 2.50 -0.01	38.63 2.01 -0.01	37.14 1.94 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.34 0.00	47.93 2.46 0.00	52.37 3.06 0.00	51.50 3.01 0.00	51.95 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.22 3.18 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.95 2.33 -4.37	39.05 2.34 -4.59	37.07 2.14 -2.92
GOWANUS_GT1_8 24113	42.82 2.50 -0.01	38.63 2.01 -0.01	37.14 1.94 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.34 0.00	47.93 2.46 0.00	52.37 3.06 0.00	51.50 3.01 0.00	51.95 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.22 3.18 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.95 2.33 -4.37	39.05 2.34 -4.59	37.07 2.14 -2.92
GOWANUS_GT2_1 24114	42.83 2.50 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.01 1.64 0.00	39.88 1.57 0.00	41.40 1.97 0.00	44.76 2.29 0.00	47.93 2.45 0.00	52.33 3.01 0.00	51.50 3.01 0.00	51.91 3.03 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.95 2.33 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
GOWANUS_GT2_2 24115	42.83 2.50 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.01 1.64 0.00	39.88 1.57 0.00	41.40 1.97 0.00	44.76 2.29 0.00	47.93 2.45 0.00	52.33 3.01 0.00	51.50 3.01 0.00	51.91 3.03 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.95 2.33 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
GOWANUS_GT2_3 24116	42.83 2.50 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.01 1.64 0.00	39.88 1.57 0.00	41.40 1.97 0.00	44.76 2.29 0.00	47.93 2.45 0.00	52.33 3.01 0.00	51.50 3.01 0.00	51.91 3.03 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.95 2.33 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92

GOWANUS_GT2_4 24117	42.83 2.50 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.01 1.64 0.00	39.88 1.57 0.00	41.40 1.97 0.00	44.76 2.29 0.00	47.93 2.45 0.00	52.33 3.01 0.00	51.50 3.01 0.00	51.91 3.03 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.95 2.33 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
GOWANUS_GT2_5 24118	42.83 2.50 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.01 1.64 0.00	39.88 1.57 0.00	41.40 1.97 0.00	44.76 2.29 0.00	47.93 2.45 0.00	52.33 3.01 0.00	51.50 3.01 0.00	51.91 3.03 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.95 2.33 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
GOWANUS_GT2_6 24119	42.83 2.50 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.01 1.64 0.00	39.88 1.57 0.00	41.40 1.97 0.00	44.76 2.29 0.00	47.93 2.45 0.00	52.33 3.01 0.00	51.50 3.01 0.00	51.91 3.03 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.95 2.33 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
GOWANUS_GT2_7 24120	42.83 2.50 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.01 1.64 0.00	39.88 1.57 0.00	41.40 1.97 0.00	44.76 2.29 0.00	47.93 2.45 0.00	52.33 3.01 0.00	51.50 3.01 0.00	51.91 3.03 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.95 2.33 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
GOWANUS_GT2_8 24121	42.83 2.50 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.01 1.64 0.00	39.88 1.57 0.00	41.40 1.97 0.00	44.76 2.29 0.00	47.93 2.45 0.00	52.33 3.01 0.00	51.50 3.01 0.00	51.91 3.03 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.95 2.33 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
GOWANUS_GT3_1 24122	42.87 2.54 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.33 0.00	47.93 2.45 0.00	52.38 3.06 0.00	51.50 3.01 0.00	51.96 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.98 2.36 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
GOWANUS_GT3_2 24123	42.87 2.54 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.33 0.00	47.93 2.45 0.00	52.38 3.06 0.00	51.50 3.01 0.00	51.96 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.98 2.36 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
GOWANUS_GT3_3 24124	42.87 2.54 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.33 0.00	47.93 2.45 0.00	52.38 3.06 0.00	51.50 3.01 0.00	51.96 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.98 2.36 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
GOWANUS_GT3_4 24125	42.87 2.54 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.33 0.00	47.93 2.45 0.00	52.38 3.06 0.00	51.50 3.01 0.00	51.96 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.98 2.36 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
GOWANUS_GT3_5 24126	42.87 2.54 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.33 0.00	47.93 2.45 0.00	52.38 3.06 0.00	51.50 3.01 0.00	51.96 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.98 2.36 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
GOWANUS_GT3_6 24127	42.87 2.54 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.33 0.00	47.93 2.45 0.00	52.38 3.06 0.00	51.50 3.01 0.00	51.96 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.98 2.36 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
GOWANUS_GT3_7 24128	42.87 2.54 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.33 0.00	47.93 2.45 0.00	52.38 3.06 0.00	51.50 3.01 0.00	51.96 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.98 2.36 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
GOWANUS_GT3_8 24129	42.87 2.54 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.33 0.00	47.93 2.45 0.00	52.38 3.06 0.00	51.50 3.01 0.00	51.96 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.98 2.36 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
GOWANUS_GT4_1 24130	42.82 2.50 -0.01	38.60 1.98 -0.01	37.14 1.94 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.00 1.64 0.00	39.88 1.57 0.00	41.40 1.97 0.00	44.76 2.29 0.00	47.93 2.46 0.00	52.33 3.01 0.00	51.50 3.01 0.00	51.91 3.03 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.95 2.33 -4.37	39.05 2.34 -4.59	37.07 2.14 -2.92
GOWANUS_GT4_2 24131	42.82 2.50 -0.01	38.60 1.98 -0.01	37.14 1.94 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.00 1.64 0.00	39.88 1.57 0.00	41.40 1.97 0.00	44.76 2.29 0.00	47.93 2.46 0.00	52.33 3.01 0.00	51.50 3.01 0.00	51.91 3.03 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.95 2.33 -4.37	39.05 2.34 -4.59	37.07 2.14 -2.92

GOWANUS_GT4_3 24132	42.82 2.50 -0.01	38.60 1.98 -0.01	37.14 1.94 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.00 1.64 0.00	39.88 1.57 0.00	41.40 1.97 0.00	44.76 2.29 0.00	47.93 2.46 0.00	52.33 3.01 0.00	51.50 3.01 0.00	51.91 3.03 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.95 2.33 -4.37	39.05 2.34 -4.59	37.07 2.14 -2.92
GOWANUS_GT4_4 24133	42.82 2.50 -0.01	38.60 1.98 -0.01	37.14 1.94 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.00 1.64 0.00	39.88 1.57 0.00	41.40 1.97 0.00	44.76 2.29 0.00	47.93 2.46 0.00	52.33 3.01 0.00	51.50 3.01 0.00	51.91 3.03 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.95 2.33 -4.37	39.05 2.34 -4.59	37.07 2.14 -2.92
GOWANUS_GT4_5 24134	42.82 2.50 -0.01	38.60 1.98 -0.01	37.14 1.94 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.00 1.64 0.00	39.88 1.57 0.00	41.40 1.97 0.00	44.76 2.29 0.00	47.93 2.46 0.00	52.33 3.01 0.00	51.50 3.01 0.00	51.91 3.03 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.95 2.33 -4.37	39.05 2.34 -4.59	37.07 2.14 -2.92
GOWANUS_GT4_6 24135	42.82 2.50 -0.01	38.60 1.98 -0.01	37.14 1.94 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.00 1.64 0.00	39.88 1.57 0.00	41.40 1.97 0.00	44.76 2.29 0.00	47.93 2.46 0.00	52.33 3.01 0.00	51.50 3.01 0.00	51.91 3.03 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.95 2.33 -4.37	39.05 2.34 -4.59	37.07 2.14 -2.92
GOWANUS_GT4_7 24136	42.82 2.50 -0.01	38.60 1.98 -0.01	37.14 1.94 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.00 1.64 0.00	39.88 1.57 0.00	41.40 1.97 0.00	44.76 2.29 0.00	47.93 2.46 0.00	52.33 3.01 0.00	51.50 3.01 0.00	51.91 3.03 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.95 2.33 -4.37	39.05 2.34 -4.59	37.07 2.14 -2.92
GOWANUS_GT4_8 24137	42.82 2.50 -0.01	38.60 1.98 -0.01	37.14 1.94 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.00 1.64 0.00	39.88 1.57 0.00	41.40 1.97 0.00	44.76 2.29 0.00	47.93 2.46 0.00	52.33 3.01 0.00	51.50 3.01 0.00	51.91 3.03 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.95 2.33 -4.37	39.05 2.34 -4.59	37.07 2.14 -2.92
GREENBSH_115KV_TB3 55895	41.49 1.17 0.00	37.60 0.99 0.00	36.22 1.02 0.00	35.50 1.00 0.00	36.10 1.02 0.00	37.31 0.95 0.00	39.07 0.77 0.00	40.33 0.91 0.00	43.27 0.81 0.00	46.25 0.77 0.00	50.30 0.99 0.00	49.46 0.97 0.00	49.85 0.98 0.00	46.84 0.83 0.00	42.91 0.88 0.00	43.74 0.90 0.00	47.01 0.88 0.00	46.91 0.87 0.00	44.74 0.83 0.00	41.17 1.08 0.00	41.06 1.11 -0.32	40.43 0.99 -5.19	38.64 1.09 -5.44	36.52 1.06 -3.45
GREENIDGE_115KV_TB5 80291	39.63 -0.69 0.00	36.32 -0.29 0.00	34.78 -0.42 0.00	34.12 -0.38 0.00	34.66 -0.42 0.00	36.26 -0.11 0.00	38.15 -0.15 0.00	39.27 -0.16 0.00	42.25 -0.21 0.00	45.07 -0.41 0.00	48.53 -0.79 0.00	47.62 -0.87 0.00	47.95 -0.93 0.00	45.32 -0.69 0.00	41.19 -0.84 0.00	41.89 -0.94 0.00	45.35 -0.78 0.00	45.49 -0.55 0.00	43.51 -0.40 0.00	39.85 -0.24 0.00	39.05 -0.63 -0.05	34.50 -0.55 -0.80	32.24 -0.71 -0.84	31.87 -0.67 -0.53
GREENIDGE___3 23582	39.63 -0.69 0.00	36.32 -0.29 0.00	34.78 -0.42 0.00	34.12 -0.38 0.00	34.66 -0.42 0.00	36.26 -0.11 0.00	38.15 -0.15 0.00	39.27 -0.16 0.00	42.25 -0.21 0.00	45.07 -0.41 0.00	48.53 -0.79 0.00	47.62 -0.87 0.00	47.95 -0.93 0.00	45.32 -0.69 0.00	41.19 -0.84 0.00	41.89 -0.94 0.00	45.35 -0.78 0.00	45.49 -0.55 0.00	43.51 -0.40 0.00	39.85 -0.24 0.00	39.05 -0.63 -0.05	34.50 -0.55 -0.80	32.24 -0.71 -0.84	31.87 -0.67 -0.53
GREENIDGE___4 23583	39.63 -0.69 0.00	36.32 -0.29 0.00	34.78 -0.42 0.00	34.12 -0.38 0.00	34.67 -0.42 0.00	36.26 -0.11 0.00	38.16 -0.15 0.00	39.27 -0.16 0.00	42.25 -0.21 0.00	45.07 -0.41 0.00	48.53 -0.79 0.00	47.62 -0.87 0.00	47.94 -0.93 0.00	45.32 -0.69 0.00	41.19 -0.84 0.00	41.89 -0.94 0.00	45.35 -0.78 0.00	45.49 -0.55 0.00	43.51 -0.40 0.00	39.85 -0.24 0.00	39.05 -0.64 -0.05	34.50 -0.55 -0.80	32.24 -0.71 -0.84	31.87 -0.67 -0.53
GREENLWN_69_KV_BK 3 55738	42.78 2.46 0.00	38.37 1.76 0.00	36.89 1.69 0.00	36.02 1.52 0.00	36.84 1.75 0.00	38.11 1.75 0.00	40.41 2.11 0.00	42.38 2.96 0.00	45.86 3.40 0.00	50.74 3.50 -1.76	54.74 3.90 -1.53	58.82 3.73 -6.59	60.25 3.71 -7.66	59.26 3.50 -9.75	59.34 3.36 -13.94	50.58 3.77 -3.98	50.25 4.11 -0.01	50.33 4.19 -0.10	47.60 3.69 0.00	43.33 3.25 0.00	43.15 3.25 -0.27	41.36 2.74 -4.37	38.88 2.18 -4.58	37.06 2.14 -2.91
GREENWD_138_KV_38B11_REV_LBMP_J 345004	42.82 2.50 -0.01	38.63 2.01 -0.01	37.14 1.94 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.34 0.00	47.93 2.46 0.00	52.37 3.06 0.00	51.50 3.01 0.00	51.95 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.22 3.18 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.95 2.33 -4.37	39.05 2.34 -4.59	37.07 2.14 -2.92
GRISSOM___SOLAR 323813	42.29 1.98 0.00	38.22 1.61 0.00	36.75 1.55 0.00	36.06 1.55 0.00	36.63 1.54 0.00	38.04 1.67 0.00	40.11 1.80 0.00	41.47 2.05 0.00	44.88 2.42 0.00	48.11 2.64 0.00	52.18 2.86 0.00	51.31 2.81 0.00	51.46 2.59 0.00	48.35 2.35 0.00	44.17 2.14 0.00	45.10 2.27 0.00	48.62 2.49 0.00	48.66 2.62 0.00	46.45 2.55 0.00	42.49 2.40 0.00	42.28 2.30 -0.35	41.91 1.95 -5.71	39.76 1.67 -5.98	37.34 1.54 -3.80
GROVEVILLE___HYD 323602	42.25 1.94 0.00	38.08 1.46 0.00	36.68 1.48 0.00	35.92 1.41 0.00	36.52 1.44 0.00	37.75 1.38 0.00	39.84 1.53 0.00	41.36 1.93 0.00	44.84 2.38 0.00	48.02 2.55 0.00	52.33 3.01 0.00	51.40 2.91 0.00	51.76 2.88 0.00	48.72 2.71 0.00	44.59 2.56 0.00	45.62 2.78 0.00	49.17 3.04 0.00	48.99 2.95 0.00	46.59 2.68 0.00	42.37 2.28 0.00	42.20 2.30 -0.27	40.62 1.99 -4.39	38.51 1.80 -4.60	36.63 1.70 -2.92
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	39.87 -0.44 0.00	36.28 -0.33 0.00	34.81 -0.39 0.00	34.16 -0.35 0.00	34.70 -0.39 0.00	36.08 -0.29 0.00	37.96 -0.34 0.00	38.95 -0.47 0.00	41.95 -0.51 0.00	44.98 -0.50 0.00	48.68 -0.64 0.00	47.86 -0.63 0.00	48.24 -0.64 0.00	45.46 -0.55 0.00	41.40 -0.63 0.00	42.15 -0.69 0.00	45.39 -0.74 0.00	45.35 -0.69 0.00	43.25 -0.66 0.00	39.52 -0.56 0.00	39.11 -0.55 -0.03	34.19 -0.48 -0.41	32.10 -0.45 -0.43	31.87 -0.42 -0.28

HAMLTNNY_34_KV_TB 80303	39.83 -0.48 0.00	36.28 -0.33 0.00	34.81 -0.39 0.00	34.12 -0.38 0.00	34.66 -0.42 0.00	36.08 -0.29 0.00	37.96 -0.34 0.00	38.99 -0.43 0.00	41.95 -0.51 0.00	44.93 -0.55 0.00	48.63 -0.69 0.00	47.77 -0.73 0.00	48.19 -0.68 0.00	45.41 -0.60 0.00	41.36 -0.67 0.00	42.11 -0.73 0.00	45.39 -0.74 0.00	45.35 -0.69 0.00	43.29 -0.61 0.00	39.56 -0.52 0.00	39.11 -0.55 -0.03	34.21 -0.48 -0.44	32.12 -0.45 -0.46	31.88 -0.42 -0.29
HAMPSHIRE___PAPER_HYD 323593	40.16 -0.16 0.00	37.05 0.44 0.00	35.66 0.46 0.00	35.16 0.65 0.00	35.86 0.77 0.00	36.66 0.29 0.00	38.88 0.58 0.00	40.05 0.63 0.00	42.80 0.34 0.00	46.16 0.68 0.00	49.66 0.35 0.00	48.88 0.39 0.00	49.31 0.44 0.00	46.24 0.23 0.00	42.07 0.04 0.00	42.62 -0.21 0.00	45.76 -0.37 0.00	45.40 -0.64 0.00	43.29 -0.61 0.00	38.96 -1.12 0.00	38.73 -0.91 -0.01	33.38 -0.99 -0.13	31.38 -0.87 -0.13	31.36 -0.73 -0.09
HARDSCRABBLE_WT_PWR 323673	41.44 1.13 0.00	37.68 1.06 0.00	36.18 0.98 0.00	35.40 0.90 0.00	35.96 0.88 0.00	37.24 0.87 0.00	39.11 0.81 0.00	40.21 0.79 0.00	43.23 0.77 0.00	46.30 0.82 0.00	50.21 0.89 0.00	49.46 0.97 0.00	50.05 1.17 0.00	47.20 1.19 0.00	43.16 1.14 0.00	44.03 1.20 0.00	47.33 1.20 0.00	47.14 1.10 0.00	44.83 0.92 0.00	40.77 0.68 0.00	40.19 0.55 0.00	34.63 0.38 0.00	32.46 0.35 0.00	32.33 0.32 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	41.97 1.65 0.00	37.86 1.24 0.00	36.47 1.27 0.00	35.71 1.21 0.00	36.31 1.23 0.00	37.53 1.16 0.00	39.65 1.34 0.00	41.20 1.77 0.00	44.63 2.17 0.00	47.75 2.27 0.00	52.03 2.71 0.00	51.11 2.62 0.00	51.51 2.64 0.00	48.45 2.44 0.00	44.38 2.35 0.00	45.41 2.57 0.00	48.94 2.81 0.00	48.85 2.81 0.00	46.45 2.55 0.00	42.29 2.20 0.00	42.07 2.18 -0.25	40.27 1.88 -4.13	38.11 1.67 -4.33	36.30 1.54 -2.75
HARSNRAD_115KV_TB1 81005	37.05 -3.27 0.00	34.53 -2.09 0.00	32.81 -2.39 0.00	32.16 -2.35 0.00	32.74 -2.35 0.00	34.44 -1.93 0.00	36.05 -2.26 0.00	36.55 -2.88 0.00	39.19 -3.27 0.00	41.48 -4.00 0.00	44.34 -4.98 0.00	43.35 -5.14 0.00	43.55 -5.33 0.00	41.59 -4.42 0.00	37.99 -4.03 0.00	38.55 -4.28 0.00	41.84 -4.29 0.00	41.85 -4.19 0.00	40.40 -3.51 0.00	37.36 -2.73 0.00	36.54 -3.13 -0.04	32.27 -2.57 -0.59	30.13 -2.60 -0.62	30.13 -2.27 -0.39
HARZA MOOSE___RIVER 24016	40.56 0.24 0.00	37.05 0.44 0.00	35.66 0.46 0.00	35.09 0.59 0.00	35.72 0.63 0.00	36.99 0.62 0.00	39.07 0.77 0.00	40.33 0.91 0.00	43.31 0.85 0.00	46.62 1.14 0.00	50.40 1.08 0.00	49.46 0.97 0.00	49.90 1.03 0.00	46.88 0.87 0.00	42.66 0.63 0.00	43.44 0.60 0.00	46.82 0.69 0.00	46.64 0.60 0.00	44.48 0.57 0.00	40.29 0.20 0.00	39.88 0.24 -0.01	34.46 0.07 -0.14	32.32 0.06 -0.15	32.13 0.03 -0.09
HDSNBRDG_115KV_BRDG_TB1 355580	39.59 -0.73 0.00	36.03 -0.59 0.00	34.60 -0.60 0.00	33.92 -0.59 0.00	34.45 -0.63 0.00	35.86 -0.51 0.00	37.73 -0.57 0.00	38.72 -0.71 0.00	41.66 -0.81 0.00	44.61 -0.86 0.00	48.33 -0.99 0.00	47.48 -1.02 0.00	47.90 -0.98 0.00	45.13 -0.87 0.00	41.10 -0.92 0.00	41.89 -0.94 0.00	45.11 -1.01 0.00	45.07 -0.97 0.00	42.99 -0.92 0.00	39.32 -0.76 0.00	38.87 -0.79 -0.02	33.94 -0.69 -0.38	31.86 -0.64 -0.39	31.65 -0.61 -0.25
HELLGATE_13_KV_LD 55870	42.62 2.30 -0.01	38.45 1.83 -0.01	37.00 1.80 -0.01	36.24 1.73 -0.01	36.85 1.75 -0.01	37.97 1.60 0.00	39.88 1.57 0.00	41.48 2.05 0.00	44.93 2.46 0.00	48.07 2.59 0.00	52.42 3.11 0.00	51.60 3.10 0.00	52.00 3.13 0.00	48.91 2.90 0.00	44.80 2.77 0.00	45.79 2.96 0.00	49.36 3.23 0.00	49.22 3.18 0.00	46.81 2.90 0.00	42.65 2.57 0.00	42.40 2.50 -0.27	40.99 2.36 -4.37	39.05 2.34 -4.59	37.04 2.11 -2.92
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	42.62 2.30 -0.01	38.45 1.83 -0.01	37.00 1.80 -0.01	36.24 1.73 -0.01	36.85 1.75 -0.01	37.97 1.60 0.00	39.88 1.57 0.00	41.48 2.05 0.00	44.93 2.46 0.00	48.07 2.59 0.00	52.42 3.11 0.00	51.60 3.10 0.00	52.00 3.13 0.00	48.91 2.90 0.00	44.80 2.77 0.00	45.79 2.96 0.00	49.36 3.23 0.00	49.22 3.18 0.00	46.81 2.90 0.00	42.65 2.57 0.00	42.40 2.50 -0.27	40.99 2.36 -4.37	39.05 2.34 -4.59	37.04 2.11 -2.92
HEMPSTEAD____ 23647	42.37 2.06 0.00	38.15 1.54 0.00	36.57 1.37 0.00	35.74 1.24 0.00	36.49 1.40 0.00	37.75 1.38 0.00	39.99 1.68 0.00	41.87 2.45 0.00	45.35 2.89 0.00	50.95 2.91 -2.56	54.80 3.25 -2.23	61.26 3.15 -9.62	63.17 3.13 -11.17	63.18 2.95 -14.23	65.19 2.82 -20.34	51.80 3.17 -5.80	49.61 3.46 -0.01	49.67 3.50 -0.13	47.03 3.12 0.00	42.85 2.76 0.00	42.63 2.73 -0.27	40.92 2.30 -4.37	38.62 1.93 -4.58	36.74 1.82 -2.91
HEWLETT_69_KV_BK3 55828	42.66 2.34 0.00	38.30 1.68 0.00	36.78 1.58 0.00	35.95 1.45 0.00	36.74 1.65 0.00	38.00 1.64 0.00	40.22 1.92 0.00	42.15 2.72 0.00	45.61 3.14 0.00	51.53 3.27 -2.78	55.38 3.65 -2.41	62.46 3.54 -10.43	64.50 3.52 -12.11	64.70 3.27 -15.43	67.24 3.15 -22.05	52.55 3.43 -6.28	49.93 3.78 -0.01	50.00 3.82 -0.14	47.33 3.42 0.00	43.13 3.05 0.00	42.95 3.05 -0.27	41.23 2.60 -4.37	38.81 2.12 -4.58	36.97 2.05 -2.91
HICKLING___1 23621	39.55 -0.77 0.00	36.28 -0.33 0.00	34.71 -0.49 0.00	34.05 -0.45 0.00	34.63 -0.46 0.00	36.19 -0.18 0.00	38.08 -0.23 0.00	39.15 -0.28 0.00	42.12 -0.34 0.00	44.98 -0.50 0.00	48.43 -0.89 0.00	47.48 -1.02 0.00	47.80 -1.08 0.00	45.23 -0.78 0.00	41.15 -0.88 0.00	41.77 -1.07 0.00	45.21 -0.92 0.00	45.40 -0.64 0.00	43.47 -0.44 0.00	39.85 -0.24 0.00	38.75 -0.95 -0.06	34.43 -0.86 -1.03	32.17 -1.03 -1.08	31.70 -0.99 -0.69
HICKLING___2 23622	39.55 -0.77 0.00	36.28 -0.33 0.00	34.71 -0.49 0.00	34.05 -0.45 0.00	34.63 -0.46 0.00	36.19 -0.18 0.00	38.08 -0.23 0.00	39.15 -0.28 0.00	42.12 -0.34 0.00	44.98 -0.50 0.00	48.43 -0.89 0.00	47.48 -1.02 0.00	47.80 -1.08 0.00	45.23 -0.78 0.00	41.15 -0.88 0.00	41.77 -1.07 0.00	45.21 -0.92 0.00	45.40 -0.64 0.00	43.47 -0.44 0.00	39.85 -0.24 0.00	38.75 -0.95 -0.06	34.43 -0.86 -1.03	32.17 -1.03 -1.08	31.70 -0.99 -0.69
HIGH FALLS___HY 23754	41.89 1.57 0.00	37.75 1.13 0.00	36.36 1.16 0.00	35.61 1.10 0.00	36.21 1.12 0.00	37.42 1.05 0.00	39.61 1.30 0.00	41.16 1.73 0.00	44.67 2.21 0.00	47.75 2.27 0.00	51.98 2.66 0.00	51.02 2.52 0.00	51.47 2.59 0.00	48.45 2.44 0.00	44.34 2.31 0.00	45.45 2.61 0.00	49.08 2.95 0.00	48.94 2.90 0.00	46.50 2.59 0.00	42.17 2.08 0.00	41.96 2.06 -0.26	40.31 1.75 -4.31	38.14 1.51 -4.52	36.29 1.41 -2.87
HIGH_RIVER___SOLAR 323847	41.73 1.41 0.00	37.78 1.17 0.00	36.33 1.13 0.00	35.64 1.14 0.00	36.21 1.12 0.00	37.53 1.16 0.00	39.57 1.26 0.00	40.84 1.42 0.00	44.08 1.61 0.00	47.07 1.59 0.00	50.99 1.68 0.00	50.14 1.65 0.00	50.39 1.52 0.00	47.34 1.34 0.00	43.37 1.34 0.00	44.42 1.59 0.00	47.93 1.80 0.00	47.93 1.89 0.00	45.75 1.84 0.00	41.77 1.68 0.00	41.60 1.63 -0.34	41.18 1.40 -5.52	39.12 1.22 -5.79	36.84 1.15 -3.68

HILLBURN___GT 23639	42.01 1.69 0.00	37.86 1.25 0.00	36.47 1.27 0.00	35.71 1.21 0.00	36.31 1.23 0.00	37.53 1.16 0.00	39.65 1.34 0.00	41.24 1.81 0.00	44.63 2.16 0.00	47.80 2.32 0.00	52.08 2.76 0.00	51.21 2.71 0.00	51.61 2.74 0.00	48.54 2.53 0.00	44.42 2.39 0.00	45.41 2.57 0.00	48.99 2.86 0.00	48.94 2.90 0.00	46.59 2.68 0.00	42.41 2.32 0.00	42.15 2.26 -0.26	40.43 1.99 -4.19	38.24 1.73 -4.40	36.34 1.54 -2.79
HILLSIDE_115KV_TB1 80332	39.15 -1.17 0.00	35.92 -0.70 0.00	34.36 -0.84 0.00	33.67 -0.83 0.00	34.24 -0.84 0.00	35.75 -0.62 0.00	37.66 -0.65 0.00	38.72 -0.71 0.00	41.61 -0.85 0.00	44.39 -1.09 0.00	47.89 -1.43 0.00	46.94 -1.55 0.00	47.26 -1.61 0.00	44.72 -1.29 0.00	40.73 -1.30 0.00	41.38 -1.46 0.00	44.79 -1.34 0.00	45.03 -1.01 0.00	43.07 -0.83 0.00	39.48 -0.60 0.00	38.43 -1.27 -0.07	34.16 -1.16 -1.07	31.92 -1.32 -1.12	31.41 -1.31 -0.71
HISHELDN_WT_PWR 323625	37.94 -2.38 0.00	35.22 -1.39 0.00	33.58 -1.62 0.00	32.92 -1.59 0.00	33.47 -1.61 0.00	35.17 -1.20 0.00	36.85 -1.46 0.00	37.50 -1.93 0.00	40.25 -2.21 0.00	42.79 -2.68 0.00	45.77 -3.55 0.00	44.81 -3.69 0.00	45.01 -3.86 0.00	42.83 -3.17 0.00	39.05 -2.98 0.00	39.62 -3.21 0.00	42.95 -3.18 0.00	43.05 -2.99 0.00	41.36 -2.55 0.00	38.20 -1.88 0.00	37.06 -2.62 -0.04	32.70 -2.26 -0.71	30.54 -2.31 -0.74	30.40 -2.08 -0.47
HOLTSVILLE_IC_1 23690	42.61 2.30 0.00	38.33 1.72 0.00	36.68 1.48 0.00	35.81 1.31 0.00	36.74 1.65 0.00	38.04 1.67 0.00	40.38 2.07 0.00	42.34 2.92 0.00	45.78 3.31 0.00	50.60 3.41 -1.71	54.46 3.65 -1.49	58.37 3.44 -6.43	59.76 3.42 -7.47	58.74 3.22 -9.51	58.95 3.32 -13.60	50.40 3.68 -3.88	50.15 4.01 -0.01	50.18 4.05 -0.09	47.42 3.51 0.00	43.13 3.05 0.00	42.95 3.05 -0.27	41.16 2.53 -4.37	38.69 1.99 -4.58	36.90 1.99 -2.91
HOLTSVILLE_IC_10 23699	42.82 2.50 0.00	38.52 1.90 0.00	36.82 1.62 0.00	35.99 1.48 0.00	36.91 1.82 0.00	38.22 1.85 0.00	40.57 2.26 0.00	42.54 3.11 0.00	46.03 3.57 0.00	50.89 3.68 -1.73	54.76 3.95 -1.50	58.71 3.73 -6.48	60.11 3.71 -7.52	59.13 3.54 -9.58	59.34 3.62 -13.70	50.72 3.98 -3.90	50.43 4.29 -0.01	50.51 4.38 -0.09	47.68 3.78 0.00	43.37 3.29 0.00	43.19 3.29 -0.27	41.36 2.74 -4.37	38.85 2.15 -4.58	37.06 2.14 -2.91
HOLTSVILLE_IC_2 23691	42.61 2.30 0.00	38.33 1.72 0.00	36.68 1.48 0.00	35.81 1.31 0.00	36.74 1.65 0.00	38.04 1.67 0.00	40.38 2.07 0.00	42.34 2.92 0.00	45.78 3.31 0.00	50.60 3.41 -1.71	54.46 3.65 -1.49	58.37 3.44 -6.43	59.76 3.42 -7.47	58.74 3.22 -9.51	58.95 3.32 -13.60	50.40 3.68 -3.88	50.15 4.01 -0.01	50.18 4.05 -0.09	47.42 3.51 0.00	43.13 3.05 0.00	42.95 3.05 -0.27	41.16 2.53 -4.37	38.69 1.99 -4.58	36.90 1.99 -2.91
HOLTSVILLE_IC_3 23692	42.61 2.30 0.00	38.33 1.72 0.00	36.68 1.48 0.00	35.81 1.31 0.00	36.74 1.65 0.00	38.04 1.67 0.00	40.38 2.07 0.00	42.34 2.92 0.00	45.78 3.31 0.00	50.60 3.41 -1.71	54.46 3.65 -1.49	58.37 3.44 -6.43	59.76 3.42 -7.47	58.74 3.22 -9.51	58.95 3.32 -13.60	50.40 3.68 -3.88	50.15 4.01 -0.01	50.18 4.05 -0.09	47.42 3.51 0.00	43.13 3.05 0.00	42.95 3.05 -0.27	41.16 2.53 -4.37	38.69 1.99 -4.58	36.90 1.99 -2.91
HOLTSVILLE_IC_4 23693	42.61 2.30 0.00	38.33 1.72 0.00	36.68 1.48 0.00	35.81 1.31 0.00	36.74 1.65 0.00	38.04 1.67 0.00	40.38 2.07 0.00	42.34 2.92 0.00	45.78 3.31 0.00	50.60 3.41 -1.71	54.46 3.65 -1.49	58.37 3.44 -6.43	59.76 3.42 -7.47	58.74 3.22 -9.51	58.95 3.32 -13.60	50.40 3.68 -3.88	50.15 4.01 -0.01	50.18 4.05 -0.09	47.42 3.51 0.00	43.13 3.05 0.00	42.95 3.05 -0.27	41.16 2.53 -4.37	38.69 1.99 -4.58	36.90 1.99 -2.91
HOLTSVILLE_IC_5 23694	42.61 2.30 0.00	38.33 1.72 0.00	36.68 1.48 0.00	35.81 1.31 0.00	36.74 1.65 0.00	38.04 1.67 0.00	40.38 2.07 0.00	42.34 2.92 0.00	45.78 3.31 0.00	50.60 3.41 -1.71	54.46 3.65 -1.49	58.37 3.44 -6.43	59.76 3.42 -7.47	58.74 3.22 -9.51	58.95 3.32 -13.60	50.40 3.68 -3.88	50.15 4.01 -0.01	50.18 4.05 -0.09	47.42 3.51 0.00	43.13 3.05 0.00	42.95 3.05 -0.27	41.16 2.53 -4.37	38.69 1.99 -4.58	36.90 1.99 -2.91
HOLTSVILLE_IC_6 23695	42.82 2.50 0.00	38.52 1.90 0.00	36.82 1.62 0.00	35.99 1.48 0.00	36.91 1.82 0.00	38.22 1.85 0.00	40.57 2.26 0.00	42.54 3.11 0.00	46.03 3.57 0.00	50.89 3.68 -1.73	54.76 3.95 -1.50	58.71 3.73 -6.48	60.11 3.71 -7.52	59.13 3.54 -9.58	59.34 3.62 -13.70	50.72 3.98 -3.90	50.43 4.29 -0.01	50.51 4.38 -0.09	47.68 3.78 0.00	43.37 3.29 0.00	43.19 3.29 -0.27	41.36 2.74 -4.37	38.85 2.15 -4.58	37.06 2.14 -2.91
HOLTSVILLE_IC_7 23696	42.82 2.50 0.00	38.52 1.90 0.00	36.82 1.62 0.00	35.99 1.48 0.00	36.91 1.82 0.00	38.22 1.85 0.00	40.57 2.26 0.00	42.54 3.11 0.00	46.03 3.57 0.00	50.89 3.68 -1.73	54.76 3.95 -1.50	58.71 3.73 -6.48	60.11 3.71 -7.52	59.13 3.54 -9.58	59.34 3.62 -13.70	50.72 3.98 -3.90	50.43 4.29 -0.01	50.51 4.38 -0.09	47.68 3.78 0.00	43.37 3.29 0.00	43.19 3.29 -0.27	41.36 2.74 -4.37	38.85 2.15 -4.58	37.06 2.14 -2.91
HOLTSVILLE_IC_8 23697	42.82 2.50 0.00	38.52 1.90 0.00	36.82 1.62 0.00	35.99 1.48 0.00	36.91 1.82 0.00	38.22 1.85 0.00	40.57 2.26 0.00	42.54 3.11 0.00	46.03 3.57 0.00	50.89 3.68 -1.73	54.76 3.95 -1.50	58.71 3.73 -6.48	60.11 3.71 -7.52	59.13 3.54 -9.58	59.34 3.62 -13.70	50.72 3.98 -3.90	50.43 4.29 -0.01	50.51 4.38 -0.09	47.68 3.78 0.00	43.37 3.29 0.00	43.19 3.29 -0.27	41.36 2.74 -4.37	38.85 2.15 -4.58	37.06 2.14 -2.91
HOLTSVILLE_IC_9 23698	42.82 2.50 0.00	38.52 1.90 0.00	36.82 1.62 0.00	35.99 1.48 0.00	36.91 1.82 0.00	38.22 1.85 0.00	40.57 2.26 0.00	42.54 3.11 0.00	46.03 3.57 0.00	50.89 3.68 -1.73	54.76 3.95 -1.50	58.71 3.73 -6.48	60.11 3.71 -7.52	59.13 3.54 -9.58	59.34 3.62 -13.70	50.72 3.98 -3.90	50.43 4.29 -0.01	50.51 4.38 -0.09	47.68 3.78 0.00	43.37 3.29 0.00	43.19 3.29 -0.27	41.36 2.74 -4.37	38.85 2.15 -4.58	37.06 2.14 -2.91
HOMER_HL_115KV_TB2 355744	38.34 -1.98 0.00	35.59 -1.03 0.00	33.93 -1.27 0.00	33.26 -1.24 0.00	33.82 -1.26 0.00	35.53 -0.84 0.00	37.39 -0.92 0.00	38.09 -1.34 0.00	40.81 -1.66 0.00	43.30 -2.18 0.00	46.46 -2.86 0.00	45.39 -3.10 0.00	45.60 -3.27 0.00	43.39 -2.62 0.00	39.47 -2.56 0.00	40.01 -2.83 0.00	43.59 -2.54 0.00	44.06 -1.98 0.00	42.46 -1.45 0.00	39.08 -1.00 0.00	36.43 -3.25 -0.04	31.89 -3.08 -0.72	29.56 -3.31 -0.76	29.26 -3.23 -0.48
HOWARD_WT_PWR 323690	39.27 -1.05 0.00	36.25 -0.37 0.00	34.67 -0.53 0.00	34.02 -0.48 0.00	34.56 -0.53 0.00	36.15 -0.22 0.00	37.96 -0.35 0.00	38.79 -0.63 0.00	41.74 -0.72 0.00	44.52 -0.96 0.00	47.94 -1.38 0.00	47.04 -1.45 0.00	47.26 -1.61 0.00	44.81 -1.20 0.00	40.60 -1.43 0.00	41.04 -1.80 0.00	44.38 -1.75 0.00	44.56 -1.48 0.00	42.59 -1.32 0.00	39.04 -1.04 0.00	37.82 -1.86 -0.05	33.45 -1.64 -0.84	31.26 -1.73 -0.88	30.97 -1.60 -0.56

HQ_GEN_CEDARS 23644	40.72 0.40 0.00	37.86 1.24 0.00	36.40 1.20 0.00	35.85 1.35 0.00	36.66 1.58 0.00	37.02 0.65 0.00	39.34 1.03 0.00	40.37 0.95 0.00	43.06 0.59 0.00	46.48 1.00 0.00	49.86 0.54 0.00	49.32 0.82 0.00	49.90 1.03 0.00	46.65 0.64 0.00	42.58 0.55 0.00	42.84 0.00 0.00	45.76 -0.37 0.00	45.17 -0.87 0.00	42.94 -0.97 0.00	38.56 -1.52 0.00	38.53 -1.11 0.00	33.16 -1.16 -0.07	31.22 -0.96 -0.07	31.41 -0.64 -0.05
HQ_GEN_CEDARS_PROXY 323590	40.72 0.40 0.00	37.86 1.25 0.00	36.40 1.20 0.00	35.85 1.34 0.00	36.67 1.58 0.00	37.02 0.66 0.00	39.34 1.03 0.00	40.37 0.94 0.00	43.06 0.59 0.00	46.48 1.00 0.00	49.86 0.54 0.00	49.32 0.82 0.00	49.80 0.93 0.00	46.65 0.64 0.00	42.57 0.54 0.00	42.84 0.00 0.00	45.76 -0.37 0.00	45.16 -0.88 0.00	42.94 -0.97 0.00	38.56 -1.52 0.00	38.53 -1.11 0.00	33.16 -1.16 -0.07	31.22 -0.96 -0.07	31.41 -0.64 -0.05
HQ_GEN_IMPORT 323601	40.32 0.00 0.00	36.61 0.00 0.00	35.20 0.00 0.00	34.50 0.00 0.00	35.09 0.00 0.00	36.37 0.00 0.00	38.31 0.00 0.00	39.43 0.00 0.00	42.46 0.00 0.00	45.48 0.00 0.00	49.32 0.00 0.00	48.49 0.00 0.00	48.88 0.00 0.00	46.01 0.00 0.00	42.03 0.00 0.00	42.84 0.00 0.00	46.13 0.00 0.00	46.04 0.00 0.00	43.91 0.00 0.00	40.09 0.00 0.00	39.64 0.00 0.00	34.25 0.00 0.00	32.11 0.00 0.00	32.01 0.00 0.00
HQ_GEN_WHEEL 23651	40.32 0.00 0.00	36.61 0.00 0.00	35.20 0.00 0.00	34.50 0.00 0.00	35.09 0.00 0.00	36.37 0.00 0.00	38.31 0.00 0.00	39.43 0.00 0.00	42.46 0.00 0.00	45.48 0.00 0.00	49.32 0.00 0.00	48.49 0.00 0.00	48.88 0.00 0.00	46.01 0.00 0.00	42.03 0.00 0.00	42.84 0.00 0.00	46.13 0.00 0.00	46.04 0.00 0.00	43.91 0.00 0.00	40.09 0.00 0.00	39.64 0.00 0.00	34.25 0.00 0.00	32.11 0.00 0.00	32.01 0.00 0.00
HUDSON AVE_GT_3 23810	42.41 2.10 0.00	38.22 1.61 0.00	36.78 1.58 0.00	36.02 1.52 0.00	36.63 1.54 0.00	37.82 1.45 0.00	39.96 1.65 0.00	41.63 2.21 0.00	45.05 2.59 0.00	48.21 2.73 0.00	52.57 3.25 0.00	51.70 3.20 0.00	52.10 3.23 0.00	49.00 2.99 0.00	44.89 2.86 0.00	45.92 3.08 0.00	49.45 3.32 0.00	49.35 3.31 0.00	46.94 3.03 0.00	42.77 2.69 0.00	42.56 2.66 -0.27	40.99 2.36 -4.37	38.88 2.18 -4.58	36.84 1.92 -2.91
HUDSON AVE_GT_4 23540	42.41 2.10 0.00	38.22 1.61 0.00	36.78 1.58 0.00	36.02 1.52 0.00	36.63 1.54 0.00	37.82 1.45 0.00	39.96 1.65 0.00	41.63 2.21 0.00	45.05 2.59 0.00	48.21 2.73 0.00	52.57 3.25 0.00	51.70 3.20 0.00	52.10 3.23 0.00	49.00 2.99 0.00	44.89 2.86 0.00	45.92 3.08 0.00	49.45 3.32 0.00	49.35 3.31 0.00	46.94 3.03 0.00	42.77 2.69 0.00	42.56 2.66 -0.27	40.99 2.36 -4.37	38.88 2.18 -4.58	36.84 1.92 -2.91
HUDSON AVE_GT_5 23657	42.41 2.10 0.00	38.22 1.61 0.00	36.78 1.58 0.00	36.02 1.52 0.00	36.63 1.54 0.00	37.82 1.45 0.00	39.96 1.65 0.00	41.63 2.21 0.00	45.05 2.59 0.00	48.21 2.73 0.00	52.57 3.25 0.00	51.70 3.20 0.00	52.10 3.23 0.00	49.00 2.99 0.00	44.89 2.86 0.00	45.92 3.08 0.00	49.45 3.32 0.00	49.35 3.31 0.00	46.94 3.03 0.00	42.77 2.69 0.00	42.56 2.66 -0.27	40.99 2.36 -4.37	38.88 2.18 -4.58	36.84 1.92 -2.91
HUDSON_AVE_10 24168	42.25 1.94 0.00	38.08 1.46 0.00	36.64 1.44 0.00	35.88 1.38 0.00	36.49 1.40 0.00	37.68 1.31 0.00	39.84 1.53 0.00	41.48 2.05 0.00	44.93 2.46 0.00	48.02 2.55 0.00	52.37 3.06 0.00	51.55 3.06 0.00	51.95 3.08 0.00	48.86 2.85 0.00	44.76 2.73 0.00	45.79 2.96 0.00	49.27 3.14 0.00	49.22 3.18 0.00	46.76 2.85 0.00	42.65 2.57 0.00	42.44 2.54 -0.27	40.88 2.26 -4.37	38.78 2.09 -4.58	36.71 1.79 -2.91
HUDSON___115KV_TB 4 355613	42.01 1.69 0.00	38.04 1.43 0.00	36.64 1.44 0.00	35.95 1.45 0.00	36.52 1.44 0.00	37.79 1.42 0.00	39.57 1.26 0.00	40.77 1.34 0.00	43.82 1.36 0.00	46.80 1.32 0.00	50.80 1.48 0.00	49.90 1.41 0.00	50.24 1.37 0.00	47.16 1.15 0.00	43.21 1.18 0.00	44.12 1.29 0.00	47.47 1.34 0.00	47.47 1.43 0.00	45.31 1.41 0.00	41.65 1.56 0.00	41.49 1.55 -0.31	40.56 1.23 -5.07	38.71 1.28 -5.32	36.67 1.28 -3.38
HUNTER MOUNT___DRP 323613	42.13 1.81 0.00	38.11 1.50 0.00	36.75 1.55 0.00	36.02 1.52 0.00	36.59 1.51 0.00	37.86 1.49 0.00	39.65 1.34 0.00	40.77 1.34 0.00	43.82 1.36 0.00	46.75 1.27 0.00	50.75 1.43 0.00	49.85 1.36 0.00	50.15 1.27 0.00	47.07 1.06 0.00	43.16 1.13 0.00	44.08 1.24 0.00	47.42 1.29 0.00	47.38 1.34 0.00	45.27 1.36 0.00	41.61 1.52 0.00	41.44 1.51 -0.30	40.30 1.10 -4.95	38.45 1.16 -5.19	36.52 1.22 -3.30
HUNTINGTON_RES_REC 323705	42.82 2.50 0.00	38.48 1.87 0.00	36.85 1.65 0.00	35.99 1.48 0.00	36.84 1.75 0.00	38.15 1.78 0.00	40.45 2.14 0.00	42.46 3.04 0.00	45.95 3.48 0.00	50.80 3.59 -1.73	54.77 3.95 -1.51	58.78 3.79 -6.51	60.19 3.76 -7.56	59.17 3.54 -9.62	59.32 3.53 -13.76	50.62 3.86 -3.92	50.38 4.24 -0.01	50.42 4.28 -0.09	47.64 3.73 0.00	43.37 3.29 0.00	43.19 3.29 -0.27	41.36 2.74 -4.37	38.88 2.18 -4.58	37.06 2.14 -2.91
HUNTLEY___63 23557	37.45 -2.86 0.00	34.86 -1.76 0.00	33.16 -2.04 0.00	32.50 -2.00 0.00	33.05 -2.03 0.00	34.77 -1.60 0.00	36.39 -1.92 0.00	36.90 -2.52 0.00	39.58 -2.89 0.00	41.98 -3.50 0.00	44.88 -4.44 0.00	43.84 -4.66 0.00	44.09 -4.79 0.00	42.10 -3.91 0.00	38.42 -3.61 0.00	38.94 -3.90 0.00	42.25 -3.87 0.00	42.31 -3.73 0.00	40.83 -3.07 0.00	37.76 -2.32 0.00	36.82 -2.85 -0.04	32.53 -2.33 -0.61	30.37 -2.38 -0.64	30.33 -2.08 -0.41
HUNTLEY___64 23558	37.45 -2.86 0.00	34.86 -1.76 0.00	33.16 -2.04 0.00	32.50 -2.00 0.00	33.05 -2.03 0.00	34.77 -1.60 0.00	36.39 -1.92 0.00	36.90 -2.52 0.00	39.58 -2.89 0.00	41.98 -3.50 0.00	44.88 -4.44 0.00	43.84 -4.66 0.00	44.09 -4.79 0.00	42.10 -3.91 0.00	38.42 -3.61 0.00	38.94 -3.90 0.00	42.25 -3.87 0.00	42.31 -3.73 0.00	40.83 -3.07 0.00	37.76 -2.32 0.00	36.82 -2.85 -0.04	32.53 -2.33 -0.61	30.37 -2.38 -0.64	30.33 -2.08 -0.41
HUNTLEY___65 23559	37.45 -2.86 0.00	34.86 -1.76 0.00	33.16 -2.04 0.00	32.50 -2.00 0.00	33.05 -2.03 0.00	34.77 -1.60 0.00	36.39 -1.92 0.00	36.90 -2.52 0.00	39.58 -2.89 0.00	41.98 -3.50 0.00	44.88 -4.44 0.00	43.84 -4.66 0.00	44.09 -4.79 0.00	42.10 -3.91 0.00	38.42 -3.61 0.00	38.94 -3.90 0.00	42.25 -3.87 0.00	42.31 -3.73 0.00	40.83 -3.07 0.00	37.76 -2.32 0.00	36.82 -2.85 -0.04	32.53 -2.33 -0.61	30.37 -2.38 -0.64	30.33 -2.08 -0.41
HUNTLEY___66 23560	37.45 -2.86 0.00	34.86 -1.76 0.00	33.16 -2.04 0.00	32.50 -2.00 0.00	33.05 -2.03 0.00	34.77 -1.60 0.00	36.39 -1.92 0.00	36.90 -2.52 0.00	39.58 -2.89 0.00	41.98 -3.50 0.00	44.88 -4.44 0.00	43.84 -4.66 0.00	44.09 -4.79 0.00	42.10 -3.91 0.00	38.42 -3.61 0.00	38.94 -3.90 0.00	42.25 -3.87 0.00	42.31 -3.73 0.00	40.83 -3.07 0.00	37.76 -2.32 0.00	36.82 -2.85 -0.04	32.53 -2.33 -0.61	30.37 -2.38 -0.64	30.33 -2.08 -0.41

HUNTLEY___67 23561	37.29 -3.02 0.00	34.71 -1.90 0.00	33.02 -2.18 0.00	32.36 -2.14 0.00	32.91 -2.18 0.00	34.62 -1.75 0.00	36.28 -2.03 0.00	36.78 -2.64 0.00	39.45 -3.01 0.00	41.75 -3.73 0.00	44.63 -4.69 0.00	43.65 -4.85 0.00	43.89 -4.99 0.00	41.87 -4.14 0.00	38.25 -3.78 0.00	38.81 -4.03 0.00	42.12 -4.01 0.00	42.13 -3.91 0.00	40.66 -3.25 0.00	37.56 -2.53 0.00	36.62 -3.05 -0.04	32.34 -2.53 -0.62	30.19 -2.57 -0.65	30.15 -2.27 -0.41
HUNTLEY___68 23562	37.29 -3.02 0.00	34.71 -1.90 0.00	33.02 -2.18 0.00	32.36 -2.14 0.00	32.91 -2.18 0.00	34.62 -1.75 0.00	36.28 -2.03 0.00	36.78 -2.64 0.00	39.45 -3.01 0.00	41.75 -3.73 0.00	44.63 -4.69 0.00	43.65 -4.85 0.00	43.89 -4.99 0.00	41.87 -4.14 0.00	38.25 -3.78 0.00	38.81 -4.03 0.00	42.12 -4.01 0.00	42.13 -3.91 0.00	40.66 -3.25 0.00	37.56 -2.53 0.00	36.62 -3.05 -0.04	32.34 -2.53 -0.62	30.19 -2.57 -0.65	30.15 -2.27 -0.41
HYLAND___LFGE 323620	39.91 -0.40 0.00	36.76 0.15 0.00	35.09 -0.11 0.00	34.40 -0.10 0.00	35.02 -0.07 0.00	36.81 0.44 0.00	38.69 0.38 0.00	39.74 0.31 0.00	42.29 -0.17 0.00	44.61 -0.87 0.00	47.64 -1.68 0.00	46.41 -2.08 0.00	46.58 -2.30 0.00	44.17 -1.84 0.00	40.18 -1.85 0.00	41.04 -1.80 0.00	44.89 -1.24 0.00	45.44 -0.60 0.00	43.78 -0.13 0.00	40.41 0.32 0.00	39.60 -0.08 -0.04	34.88 -0.07 -0.69	32.55 -0.29 -0.73	32.18 -0.29 -0.46
INDECK___CORINTH 23802	42.74 2.42 0.00	38.66 2.05 0.00	37.17 1.97 0.00	36.47 1.97 0.00	37.01 1.93 0.00	38.40 2.04 0.00	40.45 2.14 0.00	41.83 2.41 0.00	45.35 2.89 0.00	48.61 3.14 0.00	52.87 3.55 0.00	51.99 3.49 0.00	52.24 3.37 0.00	48.91 2.90 0.00	44.68 2.65 0.00	45.45 2.61 0.00	48.85 2.72 0.00	48.85 2.81 0.00	46.63 2.72 0.00	42.65 2.57 0.00	42.46 2.50 -0.33	41.73 2.12 -5.35	39.59 1.86 -5.61	37.43 1.86 -3.57
INDECK___ILION 23567	41.00 0.69 0.00	37.24 0.62 0.00	35.80 0.60 0.00	35.05 0.55 0.00	35.65 0.56 0.00	36.95 0.58 0.00	38.88 0.57 0.00	40.02 0.59 0.00	43.06 0.59 0.00	46.16 0.68 0.00	50.06 0.74 0.00	49.27 0.78 0.00	49.71 0.83 0.00	46.84 0.83 0.00	42.79 0.76 0.00	43.61 0.77 0.00	46.91 0.78 0.00	46.78 0.74 0.00	44.57 0.66 0.00	40.61 0.52 0.00	40.15 0.52 0.00	34.63 0.38 0.00	32.46 0.35 0.00	32.36 0.35 0.00
INDECK___OLEAN 23982	38.34 -1.97 0.00	35.59 -1.02 0.00	33.93 -1.27 0.00	33.26 -1.24 0.00	33.82 -1.26 0.00	35.53 -0.84 0.00	37.39 -0.92 0.00	38.09 -1.34 0.00	40.81 -1.66 0.00	43.39 -2.09 0.00	46.46 -2.86 0.00	45.39 -3.10 0.00	45.60 -3.27 0.00	43.39 -2.62 0.00	39.46 -2.57 0.00	40.05 -2.78 0.00	43.64 -2.49 0.00	44.11 -1.93 0.00	42.41 -1.49 0.00	39.09 -1.00 0.00	36.51 -3.17 -0.04	31.89 -3.08 -0.72	29.56 -3.31 -0.76	29.26 -3.23 -0.48
INDECK___OSWEGO 23783	39.19 -1.13 0.00	35.66 -0.95 0.00	34.25 -0.95 0.00	33.57 -0.93 0.00	34.14 -0.95 0.00	35.46 -0.91 0.00	37.35 -0.96 0.00	38.24 -1.18 0.00	41.15 -1.32 0.00	44.07 -1.41 0.00	47.69 -1.63 0.00	46.90 -1.60 0.00	47.26 -1.61 0.00	44.53 -1.47 0.00	40.60 -1.43 0.00	41.38 -1.46 0.00	44.56 -1.57 0.00	44.52 -1.52 0.00	42.46 -1.45 0.00	38.80 -1.28 0.00	38.38 -1.27 -0.02	33.50 -1.06 -0.32	31.45 -1.00 -0.33	31.29 -0.93 -0.21
INDECK___YERKES 23781	37.49 -2.82 0.00	34.89 -1.72 0.00	33.20 -2.00 0.00	32.50 -2.00 0.00	33.09 -2.00 0.00	34.81 -1.56 0.00	36.43 -1.88 0.00	36.94 -2.48 0.00	39.62 -2.84 0.00	42.11 -3.36 0.00	44.93 -4.39 0.00	43.93 -4.56 0.00	44.13 -4.74 0.00	42.14 -3.86 0.00	38.46 -3.57 0.00	39.07 -3.77 0.00	42.35 -3.78 0.00	42.40 -3.64 0.00	40.83 -3.07 0.00	37.76 -2.33 0.00	36.86 -2.81 -0.04	32.57 -2.29 -0.61	30.41 -2.34 -0.64	30.36 -2.05 -0.41
INDIAN POINT_GT_1 24139	42.09 1.77 0.00	37.93 1.32 0.00	36.54 1.34 0.00	35.78 1.28 0.00	36.38 1.30 0.00	37.60 1.24 0.00	39.73 1.42 0.00	41.32 1.89 0.00	44.71 2.25 0.00	47.93 2.46 0.00	52.18 2.86 0.00	51.31 2.81 0.00	51.66 2.79 0.00	48.58 2.58 0.00	44.47 2.44 0.00	45.49 2.66 0.00	49.04 2.91 0.00	48.94 2.90 0.00	46.54 2.63 0.00	42.41 2.32 0.00	42.20 2.30 -0.26	40.57 1.99 -4.34	38.45 1.80 -4.54	36.50 1.60 -2.89
INDIAN POINT_GT_2 23659	42.09 1.77 0.00	37.93 1.32 0.00	36.54 1.34 0.00	35.78 1.28 0.00	36.38 1.30 0.00	37.60 1.24 0.00	39.73 1.42 0.00	41.32 1.89 0.00	44.71 2.25 0.00	47.93 2.46 0.00	52.18 2.86 0.00	51.31 2.81 0.00	51.66 2.79 0.00	48.58 2.58 0.00	44.47 2.44 0.00	45.49 2.66 0.00	49.04 2.91 0.00	48.94 2.90 0.00	46.54 2.63 0.00	42.41 2.32 0.00	42.20 2.30 -0.26	40.57 1.99 -4.34	38.45 1.80 -4.54	36.50 1.60 -2.89
INDIAN POINT_GT_3 24019	42.09 1.77 0.00	37.93 1.32 0.00	36.54 1.34 0.00	35.78 1.28 0.00	36.38 1.30 0.00	37.60 1.24 0.00	39.73 1.42 0.00	41.32 1.89 0.00	44.71 2.25 0.00	47.93 2.46 0.00	52.18 2.86 0.00	51.31 2.81 0.00	51.66 2.79 0.00	48.58 2.58 0.00	44.47 2.44 0.00	45.49 2.66 0.00	49.04 2.91 0.00	48.94 2.90 0.00	46.54 2.63 0.00	42.41 2.32 0.00	42.20 2.30 -0.26	40.57 1.99 -4.34	38.45 1.80 -4.54	36.50 1.60 -2.89
INDIAN POINT___2 23530	42.01 1.69 0.00	37.89 1.28 0.00	36.50 1.30 0.00	35.71 1.21 0.00	36.35 1.26 0.00	37.57 1.20 0.00	39.65 1.34 0.00	41.28 1.85 0.00	44.67 2.21 0.00	47.84 2.36 0.00	52.08 2.76 0.00	51.21 2.71 0.00	51.61 2.74 0.00	48.54 2.53 0.00	44.42 2.39 0.00	45.41 2.57 0.00	48.94 2.81 0.00	48.90 2.86 0.00	46.54 2.63 0.00	42.37 2.28 0.00	42.15 2.26 -0.26	40.49 1.95 -4.29	38.37 1.76 -4.50	36.43 1.57 -2.86
INDIAN POINT___3 23531	42.05 1.73 0.00	37.89 1.28 0.00	36.50 1.30 0.00	35.74 1.24 0.00	36.35 1.26 0.00	37.57 1.20 0.00	39.69 1.38 0.00	41.28 1.85 0.00	44.67 2.21 0.00	47.84 2.36 0.00	52.13 2.81 0.00	51.21 2.72 0.00	51.61 2.74 0.00	48.54 2.53 0.00	44.43 2.40 0.00	45.45 2.61 0.00	48.99 2.86 0.00	48.94 2.90 0.00	46.54 2.63 0.00	42.37 2.28 0.00	42.16 2.26 -0.26	40.57 1.99 -4.34	38.42 1.77 -4.55	36.46 1.57 -2.89
INGHAM_C_115KV_TB7 356103	41.65 1.33 0.00	37.86 1.24 0.00	36.36 1.16 0.00	35.57 1.07 0.00	36.17 1.09 0.00	37.46 1.09 0.00	39.34 1.03 0.00	40.49 1.06 0.00	43.53 1.06 0.00	46.62 1.14 0.00	50.55 1.23 0.00	49.80 1.31 0.00	50.34 1.47 0.00	47.48 1.47 0.00	43.42 1.39 0.00	44.25 1.41 0.00	47.56 1.43 0.00	47.38 1.34 0.00	45.14 1.23 0.00	41.05 0.96 0.00	40.51 0.87 0.00	34.90 0.65 0.00	32.72 0.61 0.00	32.58 0.58 0.00
IP CORINTH___1 23988	42.74 2.42 0.00	38.66 2.05 0.00	37.17 1.97 0.00	36.47 1.97 0.00	37.02 1.93 0.00	38.40 2.04 0.00	40.45 2.15 0.00	41.83 2.40 0.00	45.35 2.89 0.00	48.62 3.14 0.00	52.87 3.55 0.00	51.99 3.49 0.00	52.25 3.37 0.00	48.91 2.90 0.00	44.68 2.65 0.00	45.45 2.61 0.00	48.85 2.72 0.00	48.85 2.81 0.00	46.63 2.72 0.00	42.65 2.57 0.00	42.46 2.50 -0.33	41.73 2.12 -5.35	39.59 1.86 -5.61	37.43 1.86 -3.57

IP___TICONDEROGA 23804	44.27 3.95 0.00	39.98 3.37 0.00	38.44 3.24 0.00	37.71 3.21 0.00	38.24 3.16 0.00	39.68 3.31 0.00	41.79 3.49 0.00	43.21 3.78 0.00	47.01 4.54 0.00	50.53 5.05 0.00	54.99 5.67 0.00	54.17 5.67 0.00	54.35 5.47 0.00	50.70 4.69 0.00	46.27 4.24 0.00	46.95 4.11 0.00	50.42 4.29 0.00	50.55 4.51 0.00	48.30 4.39 0.00	44.29 4.21 0.00	44.04 4.08 -0.33	43.09 3.49 -5.35	40.74 3.02 -5.61	38.55 2.98 -3.56
ISLIP_RES_REC 323679	42.98 2.66 0.00	38.62 2.01 0.00	36.96 1.76 0.00	36.09 1.59 0.00	37.01 1.93 0.00	38.33 1.96 0.00	40.68 2.38 0.00	42.70 3.27 0.00	46.20 3.74 0.00	51.12 3.91 -1.73	55.07 4.24 -1.51	59.02 4.02 -6.51	60.44 4.01 -7.56	59.41 3.77 -9.63	59.62 3.82 -13.76	50.96 4.20 -3.92	50.66 4.52 -0.01	50.73 4.60 -0.09	47.86 3.95 0.00	43.53 3.45 0.00	43.35 3.45 -0.27	41.46 2.84 -4.37	38.94 2.25 -4.58	37.19 2.27 -2.91
JAMAICA__27_KV_LOAD 355505	42.21 1.89 0.00	38.00 1.39 0.00	36.61 1.41 0.00	35.81 1.31 0.00	36.42 1.33 0.00	37.64 1.27 0.00	39.88 1.57 0.00	41.56 2.13 0.00	44.97 2.51 0.00	48.02 2.55 0.00	52.37 3.06 0.00	51.55 3.06 0.00	51.95 3.08 0.00	48.86 2.85 0.00	44.85 2.82 0.00	45.88 3.04 0.00	49.31 3.18 0.00	49.22 3.18 0.00	46.81 2.90 0.00	42.81 2.73 0.00	42.60 2.70 -0.27	40.99 2.36 -4.37	38.81 2.12 -4.58	36.71 1.79 -2.91
JANIS___SOLAR 323808	41.57 1.25 0.00	37.89 1.28 0.00	36.36 1.16 0.00	35.61 1.10 0.00	36.21 1.12 0.00	37.78 1.42 0.00	39.88 1.57 0.00	41.20 1.78 0.00	44.29 1.82 0.00	47.53 2.05 0.00	51.34 2.02 0.00	50.34 1.84 0.00	50.78 1.90 0.00	47.85 1.84 0.00	43.41 1.38 0.00	44.29 1.46 0.00	47.88 1.75 0.00	47.93 1.89 0.00	45.71 1.80 0.00	41.77 1.68 0.00	41.21 1.51 -0.07	36.53 1.17 -1.12	34.21 0.93 -1.17	33.62 0.86 -0.74
JARVIS____ 23743	40.48 0.16 0.00	36.76 0.15 0.00	35.34 0.14 0.00	34.64 0.14 0.00	35.23 0.14 0.00	36.48 0.11 0.00	38.46 0.15 0.00	39.58 0.16 0.00	42.63 0.17 0.00	45.66 0.18 0.00	49.56 0.25 0.00	48.74 0.24 0.00	49.12 0.25 0.00	46.24 0.23 0.00	42.24 0.21 0.00	43.01 0.17 0.00	46.31 0.19 0.00	46.18 0.14 0.00	44.04 0.13 0.00	40.17 0.08 0.00	39.75 0.12 0.00	34.35 0.10 0.00	32.21 0.10 0.00	32.10 0.10 0.00
JENNISON___1 23625	41.89 1.57 0.00	38.11 1.50 0.00	36.64 1.44 0.00	35.85 1.35 0.00	36.42 1.33 0.00	38.00 1.64 0.00	40.11 1.80 0.00	41.56 2.13 0.00	44.76 2.29 0.00	48.16 2.68 0.00	52.18 2.86 0.00	51.16 2.67 0.00	51.61 2.74 0.00	48.68 2.67 0.00	44.17 2.14 0.00	44.98 2.14 0.00	48.57 2.44 0.00	48.48 2.44 0.00	46.24 2.33 0.00	42.21 2.12 0.00	41.63 1.90 -0.09	37.17 1.47 -1.44	34.88 1.25 -1.51	34.09 1.12 -0.96
JENNISON___2 23626	41.89 1.57 0.00	38.11 1.50 0.00	36.64 1.44 0.00	35.85 1.35 0.00	36.42 1.33 0.00	38.00 1.64 0.00	40.11 1.80 0.00	41.56 2.13 0.00	44.76 2.29 0.00	48.16 2.68 0.00	52.18 2.86 0.00	51.16 2.67 0.00	51.61 2.74 0.00	48.68 2.67 0.00	44.17 2.14 0.00	44.98 2.14 0.00	48.57 2.44 0.00	48.48 2.44 0.00	46.24 2.33 0.00	42.21 2.12 0.00	41.63 1.90 -0.09	37.17 1.47 -1.44	34.88 1.25 -1.51	34.09 1.12 -0.96
JERICHO_RISE_WT_PWR 323719	40.44 0.12 0.00	37.64 1.02 0.00	36.26 1.06 0.00	35.74 1.24 0.00	36.56 1.47 0.00	36.95 0.58 0.00	39.30 0.99 0.00	40.29 0.87 0.00	43.01 0.55 0.00	46.43 0.96 0.00	49.81 0.49 0.00	49.27 0.77 0.00	49.76 0.88 0.00	46.60 0.60 0.00	42.54 0.51 0.00	42.84 0.00 0.00	45.81 -0.32 0.00	45.16 -0.88 0.00	42.94 -0.97 0.00	38.56 -1.52 0.00	38.45 -1.19 0.00	32.98 -1.27 0.00	30.99 -1.12 0.00	31.11 -0.90 0.00
KATONAH___115KV_46KV_TB4 355592	42.33 2.02 0.00	38.19 1.57 0.00	36.75 1.55 0.00	35.99 1.48 0.00	36.59 1.51 0.00	37.82 1.45 0.00	39.92 1.61 0.00	41.48 2.05 0.00	45.05 2.59 0.00	48.34 2.87 0.00	52.62 3.30 0.00	51.74 3.25 0.00	52.05 3.18 0.00	48.95 2.94 0.00	44.72 2.69 0.00	45.79 2.96 0.00	49.27 3.14 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.53 2.45 0.00	42.36 2.46 -0.27	40.82 2.16 -4.42	38.70 1.96 -4.63	36.71 1.76 -2.94
KCE_NY_1 323755	42.37 2.06 0.00	38.33 1.72 0.00	36.89 1.69 0.00	36.16 1.66 0.00	36.74 1.65 0.00	38.08 1.71 0.00	40.11 1.80 0.00	41.44 2.01 0.00	44.84 2.38 0.00	48.11 2.64 0.00	52.28 2.96 0.00	51.45 2.96 0.00	51.76 2.88 0.00	48.54 2.53 0.00	44.38 2.35 0.00	45.15 2.31 0.00	48.57 2.44 0.00	48.52 2.48 0.00	46.32 2.41 0.00	42.33 2.24 0.00	42.18 2.22 -0.33	41.47 1.88 -5.34	39.38 1.67 -5.60	37.23 1.66 -3.56
KCE_NY_6_ESR 323823	37.94 -2.38 0.00	35.30 -1.32 0.00	33.58 -1.62 0.00	32.92 -1.59 0.00	33.47 -1.61 0.00	35.20 -1.17 0.00	36.89 -1.42 0.00	37.42 -2.01 0.00	40.17 -2.29 0.00	42.70 -2.78 0.00	45.57 -3.75 0.00	44.57 -3.93 0.00	44.77 -4.11 0.00	42.69 -3.31 0.00	38.92 -3.11 0.00	39.54 -3.30 0.00	42.90 -3.23 0.00	42.96 -3.08 0.00	41.36 -2.55 0.00	38.24 -1.84 0.00	36.94 -2.73 -0.04	32.57 -2.33 -0.65	30.38 -2.41 -0.68	30.29 -2.14 -0.43
KEDC_PORT_JEFF_GT2 24210	42.82 2.50 0.00	38.52 1.90 0.00	36.85 1.65 0.00	35.99 1.48 0.00	36.91 1.82 0.00	38.22 1.85 0.00	40.57 2.26 0.00	42.54 3.11 0.00	46.03 3.57 0.00	50.88 3.68 -1.72	54.76 3.95 -1.50	58.74 3.79 -6.46	60.09 3.71 -7.51	59.11 3.54 -9.56	59.32 3.62 -13.67	50.72 3.98 -3.90	50.48 4.33 -0.01	50.51 4.38 -0.09	47.68 3.78 0.00	43.37 3.29 0.00	43.19 3.29 -0.27	41.36 2.74 -4.37	38.85 2.15 -4.58	37.10 2.18 -2.91
KEDC_PORT_JEFF_GT3 24211	42.82 2.50 0.00	38.52 1.90 0.00	36.85 1.65 0.00	35.99 1.48 0.00	36.91 1.82 0.00	38.22 1.85 0.00	40.57 2.26 0.00	42.54 3.11 0.00	46.03 3.57 0.00	50.88 3.68 -1.72	54.76 3.95 -1.50	58.74 3.79 -6.46	60.09 3.71 -7.51	59.11 3.54 -9.56	59.32 3.62 -13.67	50.72 3.98 -3.90	50.48 4.33 -0.01	50.51 4.38 -0.09	47.68 3.78 0.00	43.37 3.29 0.00	43.19 3.29 -0.27	41.36 2.74 -4.37	38.85 2.15 -4.58	37.10 2.18 -2.91
KEDC_GLWD_GT4 24219	42.53 2.22 0.00	38.30 1.69 0.00	36.79 1.59 0.00	35.99 1.48 0.00	36.67 1.58 0.00	37.93 1.56 0.00	40.15 1.84 0.00	41.91 2.49 0.00	45.39 2.93 0.00	51.54 3.09 -2.97	55.45 3.55 -2.58	63.09 3.44 -11.15	65.30 3.47 -12.95	65.73 3.22 -16.50	68.68 3.07 -23.59	52.85 3.30 -6.72	49.75 3.60 -0.02	49.79 3.59 -0.15	47.16 3.25 0.00	42.97 2.89 0.00	42.76 2.86 -0.27	41.06 2.43 -4.37	38.78 2.09 -4.58	36.87 1.95 -2.91
KEDC_GLWD_GT5 24220	42.53 2.22 0.00	38.30 1.69 0.00	36.79 1.59 0.00	35.99 1.48 0.00	36.67 1.58 0.00	37.93 1.56 0.00	40.15 1.84 0.00	41.91 2.49 0.00	45.39 2.93 0.00	51.54 3.09 -2.97	55.45 3.55 -2.58	63.09 3.44 -11.15	65.30 3.47 -12.95	65.73 3.22 -16.50	68.68 3.07 -23.59	52.85 3.30 -6.72	49.75 3.60 -0.02	49.79 3.59 -0.15	47.16 3.25 0.00	42.97 2.89 0.00	42.76 2.86 -0.27	41.06 2.43 -4.37	38.78 2.09 -4.58	36.87 1.95 -2.91

KENSICO____ 23655	42.17 1.85 0.00	38.04 1.43 0.00	36.64 1.44 0.00	35.88 1.38 0.00	36.49 1.40 0.00	37.71 1.35 0.00	39.80 1.49 0.00	41.44 2.01 0.00	44.84 2.38 0.00	48.07 2.59 0.00	52.33 3.01 0.00	51.45 2.96 0.00	51.86 2.98 0.00	48.77 2.76 0.00	44.64 2.61 0.00	45.62 2.78 0.00	49.17 3.04 0.00	49.12 3.08 0.00	46.72 2.81 0.00	42.53 2.45 0.00	42.32 2.42 -0.27	40.74 2.12 -4.36	38.58 1.89 -4.57	36.61 1.70 -2.91
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	41.93 1.61 0.00	37.82 1.21 0.00	36.43 1.23 0.00	35.68 1.17 0.00	36.24 1.16 0.00	37.50 1.13 0.00	39.65 1.34 0.00	41.12 1.70 0.00	44.63 2.17 0.00	47.71 2.23 0.00	51.88 2.56 0.00	50.97 2.47 0.00	51.37 2.49 0.00	48.35 2.35 0.00	44.26 2.23 0.00	45.36 2.53 0.00	48.94 2.81 0.00	48.80 2.76 0.00	46.41 2.50 0.00	42.13 2.04 0.00	41.91 2.02 -0.25	40.07 1.71 -4.11	37.93 1.51 -4.31	36.19 1.44 -2.74
KIAC_JFK_GT1 23816	42.01 1.69 0.00	37.82 1.21 0.00	36.40 1.20 0.00	35.61 1.10 0.00	36.24 1.16 0.00	37.46 1.09 0.00	39.65 1.34 0.00	41.36 1.93 0.00	44.71 2.25 0.00	47.57 2.09 0.00	51.93 2.61 0.00	51.06 2.57 0.00	51.47 2.59 0.00	48.40 2.39 0.00	44.59 2.56 0.00	45.62 2.78 0.00	48.90 2.77 0.00	48.80 2.76 0.00	46.37 2.46 0.00	42.57 2.49 0.00	42.36 2.46 -0.27	40.81 2.19 -4.37	38.65 1.96 -4.58	36.55 1.63 -2.91
KIAC_JFK_GT2 23817	42.01 1.69 0.00	37.82 1.21 0.00	36.40 1.20 0.00	35.61 1.10 0.00	36.24 1.16 0.00	37.46 1.09 0.00	39.65 1.34 0.00	41.36 1.93 0.00	44.71 2.25 0.00	47.57 2.09 0.00	51.93 2.61 0.00	51.06 2.57 0.00	51.47 2.59 0.00	48.40 2.39 0.00	44.59 2.56 0.00	45.62 2.78 0.00	48.90 2.77 0.00	48.80 2.76 0.00	46.37 2.46 0.00	42.57 2.49 0.00	42.36 2.46 -0.27	40.81 2.19 -4.37	38.65 1.96 -4.58	36.55 1.63 -2.91
KIAC_JFK____ 323774	42.01 1.69 0.00	37.82 1.21 0.00	36.40 1.20 0.00	35.61 1.10 0.00	36.24 1.16 0.00	37.46 1.09 0.00	39.65 1.34 0.00	41.36 1.93 0.00	44.71 2.25 0.00	47.57 2.09 0.00	51.93 2.61 0.00	51.06 2.57 0.00	51.46 2.59 0.00	48.40 2.39 0.00	44.59 2.56 0.00	45.62 2.78 0.00	48.85 2.72 0.00	48.76 2.72 0.00	46.37 2.46 0.00	42.57 2.49 0.00	42.36 2.46 -0.27	40.82 2.19 -4.37	38.65 1.96 -4.58	36.55 1.63 -2.91
KINTIGH____ 23543	37.17 -3.14 0.00	34.49 -2.12 0.00	32.81 -2.39 0.00	32.19 -2.31 0.00	32.74 -2.35 0.00	34.37 -2.00 0.00	36.05 -2.26 0.00	36.67 -2.76 0.00	39.32 -3.14 0.00	41.66 -3.82 0.00	44.63 -4.69 0.00	43.74 -4.75 0.00	43.99 -4.89 0.00	41.87 -4.14 0.00	38.29 -3.74 0.00	38.90 -3.94 0.00	42.12 -4.01 0.00	42.13 -3.91 0.00	40.57 -3.34 0.00	37.44 -2.65 0.00	37.05 -2.62 -0.03	32.73 -2.06 -0.54	30.62 -2.06 -0.56	30.54 -1.82 -0.36
KNTFSRNC_46_KV_46KV_LOAD 80397	41.24 0.93 0.00	38.41 1.79 0.00	36.96 1.76 0.00	36.43 1.93 0.00	37.30 2.21 0.00	37.68 1.31 0.00	40.11 1.80 0.00	41.12 1.70 0.00	43.91 1.44 0.00	47.34 1.86 0.00	50.75 1.43 0.00	50.19 1.70 0.00	50.73 1.86 0.00	47.48 1.47 0.00	43.33 1.30 0.00	43.65 0.81 0.00	46.68 0.55 0.00	46.04 0.00 0.00	43.82 -0.09 0.00	39.28 -0.80 0.00	39.16 -0.48 0.00	33.60 -0.65 0.00	31.50 -0.61 0.00	31.62 -0.38 0.00
LACHUTE__HYDRO 323717	44.27 3.95 0.00	39.98 3.37 0.00	38.44 3.24 0.00	37.71 3.21 0.00	38.25 3.16 0.00	39.68 3.31 0.00	41.79 3.49 0.00	43.21 3.79 0.00	47.01 4.55 0.00	50.57 5.09 0.00	54.99 5.67 0.00	54.17 5.67 0.00	54.35 5.47 0.00	50.70 4.70 0.00	46.27 4.24 0.00	46.95 4.11 0.00	50.42 4.29 0.00	50.55 4.51 0.00	48.30 4.39 0.00	44.29 4.21 0.00	44.04 4.08 -0.33	43.10 3.50 -5.35	40.74 3.02 -5.61	38.55 2.98 -3.56
LAWRNCV_115KV_TB1 80681	40.68 0.36 0.00	37.78 1.17 0.00	36.36 1.16 0.00	35.81 1.31 0.00	36.59 1.51 0.00	37.02 0.65 0.00	39.34 1.03 0.00	40.41 0.99 0.00	43.10 0.64 0.00	46.57 1.09 0.00	49.96 0.64 0.00	49.37 0.87 0.00	49.90 1.03 0.00	46.65 0.64 0.00	42.58 0.55 0.00	42.84 0.00 0.00	45.81 -0.32 0.00	45.21 -0.83 0.00	43.03 -0.88 0.00	38.64 -1.44 0.00	38.57 -1.07 -0.01	33.21 -1.13 -0.09	31.24 -0.96 -0.09	31.39 -0.67 -0.06
LEDERLE____ 23769	42.09 1.77 0.00	37.97 1.35 0.00	36.54 1.34 0.00	35.78 1.28 0.00	36.38 1.30 0.00	37.64 1.27 0.00	39.76 1.46 0.00	41.36 1.93 0.00	44.76 2.29 0.00	47.93 2.46 0.00	52.23 2.91 0.00	51.31 2.81 0.00	51.71 2.83 0.00	48.63 2.62 0.00	44.51 2.48 0.00	45.53 2.70 0.00	49.13 3.00 0.00	49.08 3.04 0.00	46.67 2.77 0.00	42.49 2.41 0.00	42.27 2.38 -0.26	40.54 2.06 -4.24	38.35 1.80 -4.44	36.46 1.63 -2.82
LIGHTHSE_115KV_TB6 355974	39.55 -0.77 0.00	36.03 -0.59 0.00	34.60 -0.60 0.00	33.95 -0.55 0.00	34.52 -0.56 0.00	35.86 -0.51 0.00	37.77 -0.54 0.00	38.83 -0.59 0.00	41.70 -0.76 0.00	44.84 -0.64 0.00	48.43 -0.89 0.00	47.52 -0.97 0.00	47.90 -0.98 0.00	45.09 -0.92 0.00	41.06 -0.97 0.00	41.85 -0.99 0.00	45.07 -1.06 0.00	44.94 -1.10 0.00	42.90 -1.01 0.00	39.12 -0.96 0.00	38.78 -0.87 -0.02	33.79 -0.75 -0.29	31.68 -0.74 -0.31	31.50 -0.70 -0.19
LINDEN COGEN____ 23786	42.17 1.86 0.00	38.04 1.43 0.00	36.61 1.41 0.00	35.81 1.31 0.00	36.45 1.37 0.00	37.64 1.27 0.00	39.80 1.49 0.00	41.47 2.05 0.00	44.88 2.42 0.00	48.07 2.59 0.00	52.43 3.11 0.00	51.55 3.06 0.00	51.96 3.08 0.00	48.86 2.85 0.00	44.76 2.73 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.21 3.17 0.00	46.81 2.90 0.00	42.65 2.57 0.00	42.44 2.54 -0.27	40.85 2.23 -4.37	38.75 2.06 -4.58	36.68 1.76 -2.91
LINDHRST_69_KV_BK1 356055	42.82 2.50 0.00	38.41 1.79 0.00	36.89 1.69 0.00	36.06 1.55 0.00	36.88 1.79 0.00	38.19 1.82 0.00	40.49 2.18 0.00	42.50 3.08 0.00	45.99 3.52 -1.92	50.99 3.59 -1.67	54.93 3.95 -7.22	59.49 3.78 -8.38	61.02 3.76 -10.68	60.23 3.54 -15.27	60.79 3.49 -4.35	51.04 3.86 -0.01	50.39 4.24 -0.10	50.47 4.33 0.00	47.68 3.78 0.00	43.41 3.33 0.00	43.19 3.29 -0.27	41.43 2.81 -4.37	38.91 2.22 -4.58	37.10 2.18 -2.91
LIPA_MISC_IPP 23656	42.70 2.38 0.00	38.22 1.61 0.00	36.71 1.51 0.00	35.85 1.35 0.00	36.88 1.79 0.00	38.19 1.82 0.00	40.49 2.18 0.00	42.46 3.04 0.00	45.90 3.44 0.00	50.65 3.46 -1.71	54.36 3.55 -1.49	58.28 3.35 -6.44	59.68 3.32 -7.48	58.66 3.13 -9.52	59.05 3.40 -13.62	50.53 3.81 -3.88	50.29 4.15 -0.01	50.41 4.28 -0.09	47.46 3.56 0.00	43.17 3.09 0.00	42.99 3.09 -0.27	41.29 2.67 -4.37	38.72 2.02 -4.58	36.97 2.05 -2.91
LISF__SOLAR 323691	42.78 2.46 0.00	38.44 1.83 0.00	36.75 1.55 0.00	35.88 1.38 0.00	36.94 1.86 0.00	38.22 1.85 0.00	40.53 2.22 0.00	42.54 3.11 0.00	45.95 3.48 0.00	50.74 3.55 -1.72	54.46 3.65 -1.49	58.38 3.44 -6.45	59.78 3.42 -7.49	58.76 3.22 -9.54	59.15 3.49 -13.63	50.62 3.90 -3.89	50.34 4.20 -0.01	50.41 4.28 -0.09	47.55 3.64 0.00	43.25 3.17 0.00	43.07 3.17 -0.27	41.26 2.64 -4.37	38.75 2.06 -4.58	37.03 2.11 -2.91

LITTLE FALLS___HYD 24013	41.65 1.33 0.00	37.86 1.24 0.00	36.36 1.16 0.00	35.57 1.07 0.00	36.17 1.09 0.00	37.46 1.09 0.00	39.34 1.03 0.00	40.49 1.06 0.00	43.53 1.06 0.00	46.62 1.14 0.00	50.55 1.23 0.00	49.80 1.31 0.00	50.34 1.47 0.00	47.48 1.47 0.00	43.42 1.39 0.00	44.25 1.41 0.00	47.56 1.43 0.00	47.38 1.34 0.00	45.14 1.23 0.00	41.05 0.96 0.00	40.51 0.87 0.00	34.90 0.65 0.00	32.72 0.61 0.00	32.58 0.58 0.00
LITTLRIV_115KV_TB1 356100	41.08 0.77 0.00	38.19 1.57 0.00	36.75 1.55 0.00	36.19 1.69 0.00	36.98 1.89 0.00	37.42 1.05 0.00	39.84 1.53 0.00	40.96 1.54 0.00	43.65 1.19 0.00	47.16 1.68 0.00	50.55 1.23 0.00	49.85 1.36 0.00	50.44 1.56 0.00	47.11 1.10 0.00	42.95 0.92 0.00	43.26 0.43 0.00	46.31 0.18 0.00	45.76 -0.28 0.00	43.56 -0.35 0.00	39.08 -1.00 0.00	39.05 -0.59 -0.01	33.59 -0.75 -0.09	31.56 -0.64 -0.09	31.71 -0.35 -0.06
LI_NEWBRDGE___DRP 323616	42.25 1.94 0.00	37.93 1.32 0.00	36.47 1.27 0.00	35.64 1.14 0.00	36.42 1.33 0.00	37.68 1.31 0.00	39.92 1.61 0.00	41.83 2.40 0.00	45.27 2.80 0.00	49.94 2.87 -1.60	53.86 3.16 -1.39	57.49 3.01 -5.99	58.81 2.98 -6.96	57.68 2.81 -8.86	57.43 2.73 -12.67	49.57 3.13 -3.61	49.55 3.41 -0.01	49.58 3.45 -0.08	46.94 3.03 0.00	42.77 2.69 0.00	42.60 2.70 -0.27	40.92 2.29 -4.37	38.49 1.80 -4.58	36.65 1.73 -2.91
LOCKPORT_115KV_TB60_63_64 80432	37.05 -3.27 0.00	34.49 -2.12 0.00	32.77 -2.43 0.00	32.12 -2.38 0.00	32.70 -2.39 0.00	34.40 -1.96 0.00	36.05 -2.26 0.00	36.55 -2.88 0.00	39.15 -3.31 0.00	41.48 -4.00 0.00	44.34 -4.98 0.00	43.35 -5.14 0.00	43.55 -5.33 0.00	41.59 -4.42 0.00	37.99 -4.03 0.00	38.55 -4.28 0.00	41.84 -4.29 0.00	41.85 -4.19 0.00	40.40 -3.51 0.00	37.36 -2.73 0.00	36.54 -3.13 -0.04	32.27 -2.57 -0.58	30.16 -2.57 -0.61	30.09 -2.30 -0.39
LOCKPORT___CC1 323769	37.05 -3.26 0.00	34.53 -2.09 0.00	32.81 -2.39 0.00	32.16 -2.35 0.00	32.74 -2.35 0.00	34.44 -1.93 0.00	36.05 -2.26 0.00	36.55 -2.88 0.00	39.20 -3.27 0.00	41.57 -3.91 0.00	44.34 -4.98 0.00	43.35 -5.14 0.00	43.55 -5.33 0.00	41.59 -4.42 0.00	37.99 -4.04 0.00	38.64 -4.20 0.00	41.84 -4.29 0.00	41.90 -4.14 0.00	40.35 -3.56 0.00	37.36 -2.73 0.00	36.54 -3.13 -0.03	32.27 -2.57 -0.59	30.13 -2.60 -0.62	30.13 -2.27 -0.39
LOCKPORT___CC2 323770	37.05 -3.26 0.00	34.53 -2.09 0.00	32.81 -2.39 0.00	32.16 -2.35 0.00	32.74 -2.35 0.00	34.44 -1.93 0.00	36.05 -2.26 0.00	36.55 -2.88 0.00	39.20 -3.27 0.00	41.57 -3.91 0.00	44.34 -4.98 0.00	43.35 -5.14 0.00	43.55 -5.33 0.00	41.59 -4.42 0.00	37.99 -4.04 0.00	38.64 -4.20 0.00	41.84 -4.29 0.00	41.90 -4.14 0.00	40.35 -3.56 0.00	37.36 -2.73 0.00	36.54 -3.13 -0.03	32.27 -2.57 -0.59	30.13 -2.60 -0.62	30.13 -2.27 -0.39
LOCKPORT___CC3 323771	37.05 -3.26 0.00	34.53 -2.09 0.00	32.81 -2.39 0.00	32.16 -2.35 0.00	32.74 -2.35 0.00	34.44 -1.93 0.00	36.05 -2.26 0.00	36.55 -2.88 0.00	39.20 -3.27 0.00	41.57 -3.91 0.00	44.34 -4.98 0.00	43.35 -5.14 0.00	43.55 -5.33 0.00	41.59 -4.42 0.00	37.99 -4.04 0.00	38.64 -4.20 0.00	41.84 -4.29 0.00	41.90 -4.14 0.00	40.35 -3.56 0.00	37.36 -2.73 0.00	36.54 -3.13 -0.03	32.27 -2.57 -0.59	30.13 -2.60 -0.62	30.13 -2.27 -0.39
LONG_LAKE_PHOENIX 24014	39.23 -1.09 0.00	35.70 -0.92 0.00	34.28 -0.92 0.00	33.61 -0.90 0.00	34.14 -0.95 0.00	35.49 -0.87 0.00	37.35 -0.96 0.00	38.28 -1.14 0.00	41.23 -1.23 0.00	44.16 -1.32 0.00	47.79 -1.53 0.00	46.99 -1.50 0.00	47.36 -1.52 0.00	44.63 -1.38 0.00	40.64 -1.39 0.00	41.42 -1.41 0.00	44.61 -1.52 0.00	44.57 -1.47 0.00	42.55 -1.36 0.00	38.88 -1.20 0.00	38.47 -1.19 -0.02	33.55 -1.03 -0.33	31.52 -0.93 -0.34	31.33 -0.90 -0.22
LOVETT___3 23632	41.97 1.65 0.00	37.82 1.21 0.00	36.43 1.23 0.00	35.68 1.17 0.00	36.28 1.19 0.00	37.50 1.13 0.00	39.61 1.30 0.00	41.20 1.77 0.00	44.59 2.12 0.00	47.75 2.27 0.00	52.03 2.71 0.00	51.11 2.62 0.00	51.51 2.64 0.00	48.45 2.44 0.00	44.34 2.31 0.00	45.36 2.53 0.00	48.90 2.77 0.00	48.89 2.85 0.00	46.50 2.59 0.00	42.33 2.24 0.00	42.11 2.22 -0.26	40.42 1.92 -4.25	38.27 1.70 -4.46	36.34 1.50 -2.83
LOVETT___4 23642	41.97 1.65 0.00	37.82 1.21 0.00	36.43 1.23 0.00	35.68 1.17 0.00	36.28 1.19 0.00	37.50 1.13 0.00	39.61 1.30 0.00	41.20 1.77 0.00	44.59 2.12 0.00	47.75 2.27 0.00	52.03 2.71 0.00	51.11 2.62 0.00	51.51 2.64 0.00	48.45 2.44 0.00	44.34 2.31 0.00	45.36 2.53 0.00	48.90 2.77 0.00	48.89 2.85 0.00	46.50 2.59 0.00	42.33 2.24 0.00	42.11 2.22 -0.26	40.42 1.92 -4.25	38.27 1.70 -4.46	36.34 1.50 -2.83
LOVETT___5 23593	41.97 1.65 0.00	37.82 1.21 0.00	36.43 1.23 0.00	35.68 1.17 0.00	36.28 1.19 0.00	37.50 1.13 0.00	39.61 1.30 0.00	41.20 1.77 0.00	44.59 2.12 0.00	47.75 2.27 0.00	52.03 2.71 0.00	51.11 2.62 0.00	51.51 2.64 0.00	48.45 2.44 0.00	44.34 2.31 0.00	45.36 2.53 0.00	48.90 2.77 0.00	48.89 2.85 0.00	46.50 2.59 0.00	42.33 2.24 0.00	42.11 2.22 -0.26	40.42 1.92 -4.25	38.27 1.70 -4.46	36.34 1.50 -2.83
LOWER RAQUET___HYD 24057	40.64 0.32 0.00	37.75 1.14 0.00	36.33 1.13 0.00	35.78 1.28 0.00	36.56 1.47 0.00	37.02 0.66 0.00	39.38 1.07 0.00	40.45 1.02 0.00	43.14 0.68 0.00	46.62 1.14 0.00	49.96 0.64 0.00	49.37 0.87 0.00	49.85 0.98 0.00	46.65 0.64 0.00	42.54 0.51 0.00	42.84 0.00 0.00	45.85 -0.28 0.00	45.26 -0.78 0.00	43.07 -0.84 0.00	38.64 -1.44 0.00	38.61 -1.03 -0.01	33.21 -1.13 -0.09	31.24 -0.96 -0.10	31.39 -0.67 -0.06
LOWER___HUDSON 24059	41.93 1.61 0.00	37.93 1.32 0.00	36.50 1.30 0.00	35.78 1.28 0.00	36.38 1.30 0.00	37.71 1.35 0.00	39.68 1.38 0.00	41.00 1.58 0.00	44.25 1.78 0.00	47.39 1.91 0.00	51.48 2.17 0.00	50.68 2.18 0.00	51.02 2.15 0.00	47.94 1.93 0.00	43.88 1.85 0.00	44.68 1.84 0.00	48.11 1.98 0.00	48.02 1.98 0.00	45.84 1.93 0.00	41.85 1.76 0.00	41.70 1.74 -0.32	41.01 1.51 -5.26	39.00 1.38 -5.51	36.85 1.34 -3.50
LOWVILLE_115KV_TB2 356335	40.24 -0.08 0.00	36.83 0.22 0.00	35.48 0.28 0.00	35.02 0.52 0.00	35.68 0.60 0.00	36.88 0.51 0.00	39.00 0.69 0.00	40.29 0.87 0.00	43.19 0.72 0.00	46.48 1.00 0.00	50.16 0.84 0.00	49.17 0.68 0.00	49.61 0.73 0.00	46.61 0.60 0.00	42.37 0.34 0.00	43.14 0.30 0.00	46.50 0.37 0.00	46.32 0.28 0.00	44.22 0.31 0.00	39.89 -0.20 0.00	39.49 -0.16 -0.01	34.09 -0.31 -0.15	31.98 -0.29 -0.16	31.82 -0.29 -0.10
LUTHERFT_115KV_GLOB_FND_222 355753	42.37 2.06 0.00	38.33 1.72 0.00	36.89 1.69 0.00	36.16 1.66 0.00	36.74 1.65 0.00	38.08 1.71 0.00	40.07 1.76 0.00	41.40 1.97 0.00	44.80 2.34 0.00	48.07 2.59 0.00	52.23 2.91 0.00	51.40 2.91 0.00	51.71 2.83 0.00	48.49 2.48 0.00	44.34 2.31 0.00	45.15 2.31 0.00	48.57 2.44 0.00	48.53 2.49 0.00	46.28 2.37 0.00	42.29 2.20 0.00	42.14 2.18 -0.33	41.48 1.88 -5.34	39.38 1.67 -5.60	37.20 1.63 -3.56

LUTHERNY_35_KV_BK2 355980	42.41 2.10 0.00	38.33 1.72 0.00	36.89 1.69 0.00	36.16 1.66 0.00	36.74 1.65 0.00	38.08 1.71 0.00	40.11 1.80 0.00	41.44 2.01 0.00	44.84 2.38 0.00	48.07 2.59 0.00	52.28 2.96 0.00	51.45 2.96 0.00	51.76 2.88 0.00	48.54 2.53 0.00	44.38 2.35 0.00	45.19 2.36 0.00	48.57 2.44 0.00	48.53 2.49 0.00	46.32 2.41 0.00	42.33 2.24 0.00	42.18 2.22 -0.33	41.48 1.88 -5.34	39.38 1.67 -5.60	37.23 1.66 -3.56
LWR___OSWEGATCHIE_HYD 23850	40.16 -0.16 0.00	37.05 0.44 0.00	35.66 0.46 0.00	35.16 0.66 0.00	35.86 0.77 0.00	36.66 0.29 0.00	38.88 0.57 0.00	40.06 0.63 0.00	42.80 0.34 0.00	46.16 0.68 0.00	49.66 0.35 0.00	48.88 0.39 0.00	49.36 0.49 0.00	46.24 0.23 0.00	42.07 0.04 0.00	42.62 -0.21 0.00	45.76 -0.37 0.00	45.40 -0.64 0.00	43.29 -0.61 0.00	38.96 -1.12 0.00	38.73 -0.91 -0.01	33.39 -0.99 -0.13	31.38 -0.87 -0.13	31.36 -0.74 -0.09
LYONS_FALL_HYD 23570	40.56 0.24 0.00	37.05 0.44 0.00	35.66 0.46 0.00	35.09 0.59 0.00	35.72 0.63 0.00	36.99 0.62 0.00	39.07 0.77 0.00	40.33 0.91 0.00	43.31 0.85 0.00	46.62 1.14 0.00	50.40 1.08 0.00	49.46 0.97 0.00	49.85 0.98 0.00	46.88 0.87 0.00	42.66 0.63 0.00	43.44 0.60 0.00	46.82 0.69 0.00	46.64 0.60 0.00	44.48 0.57 0.00	40.29 0.20 0.00	39.88 0.24 -0.01	34.46 0.07 -0.14	32.32 0.06 -0.15	32.13 0.03 -0.09
MADISON___COUNTY_LFGE 323628	41.08 0.77 0.00	37.42 0.81 0.00	35.97 0.77 0.00	35.26 0.76 0.00	35.86 0.77 0.00	37.28 0.91 0.00	39.30 1.00 0.00	40.53 1.10 0.00	43.61 1.15 0.00	46.84 1.36 0.00	50.75 1.43 0.00	49.80 1.31 0.00	50.24 1.37 0.00	47.30 1.29 0.00	43.04 1.01 0.00	43.82 0.99 0.00	47.24 1.11 0.00	47.10 1.06 0.00	44.92 1.01 0.00	40.93 0.84 0.00	40.48 0.83 -0.01	35.11 0.62 -0.24	32.91 0.55 -0.25	32.68 0.51 -0.16
MALONE___115KV_TB1 356076	40.92 0.60 0.00	38.11 1.50 0.00	36.64 1.44 0.00	36.12 1.62 0.00	36.98 1.89 0.00	37.31 0.95 0.00	39.76 1.46 0.00	40.81 1.38 0.00	43.57 1.10 0.00	47.02 1.55 0.00	50.35 1.04 0.00	49.85 1.36 0.00	50.39 1.52 0.00	47.11 1.10 0.00	43.00 0.97 0.00	43.26 0.43 0.00	46.27 0.14 0.00	45.63 -0.41 0.00	43.43 -0.48 0.00	38.92 -1.16 0.00	38.85 -0.79 0.00	33.40 -0.92 -0.07	31.35 -0.83 -0.07	31.48 -0.58 -0.05
MAPLEWOD_115KV_TB3 80458	41.81 1.49 0.00	37.82 1.21 0.00	36.43 1.23 0.00	35.71 1.21 0.00	36.28 1.19 0.00	37.57 1.20 0.00	39.42 1.11 0.00	40.69 1.26 0.00	43.82 1.36 0.00	46.89 1.41 0.00	50.99 1.68 0.00	50.14 1.65 0.00	50.49 1.61 0.00	47.43 1.43 0.00	43.46 1.43 0.00	44.25 1.41 0.00	47.61 1.48 0.00	47.51 1.47 0.00	45.31 1.41 0.00	41.57 1.48 0.00	41.46 1.51 -0.32	40.81 1.34 -5.23	38.88 1.28 -5.48	36.74 1.25 -3.48
MAPLE_RIDGE_WT_1 323574	40.12 -0.20 0.00	36.76 0.15 0.00	35.38 0.18 0.00	34.71 0.21 0.00	35.40 0.32 0.00	36.37 0.00 0.00	38.46 0.15 0.00	39.54 0.12 0.00	42.46 0.00 0.00	45.61 0.14 0.00	49.32 0.00 0.00	48.64 0.15 0.00	49.07 0.20 0.00	46.10 0.09 0.00	42.11 0.08 0.00	42.67 -0.17 0.00	45.81 -0.32 0.00	45.49 -0.55 0.00	43.29 -0.61 0.00	39.24 -0.84 0.00	38.96 -0.67 0.00	33.60 -0.65 0.00	31.53 -0.58 0.00	31.53 -0.48 0.00
MAPLE_RIDGE_WT_2 323611	40.12 -0.20 0.00	36.76 0.15 0.00	35.38 0.18 0.00	34.71 0.21 0.00	35.40 0.32 0.00	36.37 0.00 0.00	38.46 0.15 0.00	39.54 0.12 0.00	42.46 0.00 0.00	45.61 0.14 0.00	49.32 0.00 0.00	48.64 0.15 0.00	49.07 0.20 0.00	46.10 0.09 0.00	42.11 0.08 0.00	42.67 -0.17 0.00	45.81 -0.32 0.00	45.49 -0.55 0.00	43.29 -0.61 0.00	39.24 -0.84 0.00	38.96 -0.67 0.00	33.60 -0.65 0.00	31.53 -0.58 0.00	31.53 -0.48 0.00
MARBLE_RIVER_WT_PWR 323696	40.56 0.24 0.00	37.75 1.14 0.00	36.36 1.16 0.00	35.85 1.34 0.00	36.67 1.58 0.00	37.09 0.73 0.00	39.42 1.11 0.00	40.45 1.02 0.00	43.19 0.72 0.00	46.57 1.09 0.00	49.96 0.64 0.00	49.41 0.92 0.00	49.90 1.03 0.00	46.74 0.73 0.00	42.70 0.67 0.00	42.96 0.13 0.00	45.95 -0.18 0.00	45.30 -0.74 0.00	43.12 -0.79 0.00	38.72 -1.36 0.00	38.60 -1.03 0.00	33.09 -1.16 0.00	31.05 -1.06 0.00	31.18 -0.83 0.00
MARSHVLE_115KV_TB1 80742	42.05 1.73 0.00	38.00 1.39 0.00	36.54 1.34 0.00	35.85 1.35 0.00	36.42 1.33 0.00	37.86 1.49 0.00	39.96 1.65 0.00	41.36 1.93 0.00	44.76 2.29 0.00	47.98 2.50 0.00	51.98 2.66 0.00	51.06 2.57 0.00	51.07 2.20 0.00	48.08 2.07 0.00	43.92 1.89 0.00	44.89 2.06 0.00	48.44 2.31 0.00	48.53 2.49 0.00	46.32 2.41 0.00	42.37 2.28 0.00	42.14 2.14 -0.36	42.00 1.78 -5.96	39.84 1.48 -6.25	37.32 1.34 -3.97
MARSH_HILL_WT_PWR 323713	39.31 -1.01 0.00	36.25 -0.37 0.00	34.67 -0.53 0.00	34.02 -0.48 0.00	34.56 -0.53 0.00	36.15 -0.22 0.00	37.92 -0.38 0.00	38.76 -0.67 0.00	41.70 -0.76 0.00	44.48 -1.00 0.00	47.94 -1.38 0.00	46.99 -1.50 0.00	47.26 -1.61 0.00	44.81 -1.20 0.00	40.64 -1.39 0.00	41.08 -1.76 0.00	44.42 -1.71 0.00	44.61 -1.43 0.00	42.59 -1.32 0.00	39.09 -1.00 0.00	37.86 -1.82 -0.05	33.47 -1.61 -0.83	31.28 -1.70 -0.87	30.99 -1.57 -0.55
MCINTYRE_115KV_TB2 80467	41.37 1.05 0.00	38.48 1.87 0.00	37.03 1.83 0.00	36.43 1.93 0.00	37.23 2.14 0.00	37.68 1.31 0.00	40.11 1.80 0.00	41.24 1.81 0.00	43.87 1.40 0.00	47.34 1.86 0.00	50.70 1.38 0.00	50.00 1.50 0.00	50.54 1.66 0.00	47.25 1.24 0.00	43.08 1.05 0.00	43.35 0.51 0.00	46.45 0.32 0.00	45.95 -0.09 0.00	43.78 -0.13 0.00	39.28 -0.80 0.00	39.24 -0.40 -0.01	33.72 -0.62 -0.08	31.69 -0.51 -0.09	31.87 -0.19 -0.06
MECO_____69_KV_BK1 80468	42.70 2.38 0.00	38.59 1.98 0.00	37.10 1.90 0.00	36.40 1.90 0.00	36.98 1.89 0.00	38.40 2.04 0.00	40.53 2.22 0.00	41.87 2.44 0.00	45.35 2.89 0.00	48.62 3.14 0.00	52.67 3.35 0.00	51.79 3.30 0.00	51.91 3.03 0.00	48.72 2.71 0.00	44.55 2.52 0.00	45.53 2.70 0.00	49.08 2.95 0.00	49.22 3.18 0.00	46.98 3.07 0.00	43.01 2.93 0.00	42.76 2.77 -0.35	42.36 2.36 -5.75	40.13 1.99 -6.02	37.72 1.89 -3.83
MENANDS___115KV_TB5 355628	41.69 1.37 0.00	37.71 1.10 0.00	36.33 1.13 0.00	35.61 1.10 0.00	36.21 1.12 0.00	37.46 1.09 0.00	39.27 0.96 0.00	40.53 1.10 0.00	43.57 1.10 0.00	46.62 1.14 0.00	50.70 1.38 0.00	49.90 1.41 0.00	50.24 1.37 0.00	47.20 1.20 0.00	43.25 1.22 0.00	44.08 1.24 0.00	47.37 1.25 0.00	47.24 1.20 0.00	45.09 1.19 0.00	41.41 1.32 0.00	41.26 1.31 -0.32	40.67 1.20 -5.22	38.80 1.22 -5.47	36.67 1.18 -3.48
MG INDUSTRY___DRP 24185	41.61 1.29 0.00	37.71 1.10 0.00	36.33 1.13 0.00	35.61 1.10 0.00	36.17 1.09 0.00	37.42 1.05 0.00	39.27 0.96 0.00	40.45 1.03 0.00	43.53 1.06 0.00	46.57 1.09 0.00	50.60 1.28 0.00	49.80 1.31 0.00	50.15 1.27 0.00	47.11 1.10 0.00	43.12 1.09 0.00	43.95 1.11 0.00	47.24 1.11 0.00	47.19 1.15 0.00	45.05 1.14 0.00	41.33 1.24 0.00	41.17 1.23 -0.31	40.46 1.10 -5.11	38.59 1.12 -5.36	36.50 1.09 -3.41

MID___OSWEGATCHIE_HYD 23849	40.16 -0.16 0.00	37.05 0.44 0.00	35.66 0.46 0.00	35.16 0.66 0.00	35.86 0.77 0.00	36.66 0.29 0.00	38.88 0.57 0.00	40.06 0.63 0.00	42.80 0.34 0.00	46.16 0.68 0.00	49.66 0.35 0.00	48.88 0.39 0.00	49.36 0.49 0.00	46.24 0.23 0.00	42.07 0.04 0.00	42.62 -0.21 0.00	45.76 -0.37 0.00	45.40 -0.64 0.00	43.29 -0.61 0.00	38.96 -1.12 0.00	38.73 -0.91 -0.01	33.39 -0.99 -0.13	31.38 -0.87 -0.13	31.36 -0.74 -0.09
MID___RAQUETTE_HYD 23851	40.64 0.32 0.00	37.75 1.13 0.00	36.33 1.13 0.00	35.78 1.28 0.00	36.56 1.47 0.00	37.02 0.65 0.00	39.38 1.07 0.00	40.45 1.03 0.00	43.14 0.68 0.00	46.62 1.14 0.00	49.96 0.64 0.00	49.37 0.87 0.00	49.90 1.03 0.00	46.65 0.64 0.00	42.53 0.50 0.00	42.84 0.00 0.00	45.85 -0.28 0.00	45.26 -0.78 0.00	43.07 -0.83 0.00	38.64 -1.44 0.00	38.61 -1.03 -0.01	33.21 -1.13 -0.09	31.24 -0.96 -0.10	31.40 -0.67 -0.06
MILLIKEN___1 23584	40.60 0.28 0.00	36.98 0.37 0.00	35.48 0.28 0.00	34.78 0.28 0.00	35.37 0.28 0.00	36.80 0.44 0.00	38.77 0.46 0.00	39.94 0.51 0.00	43.02 0.55 0.00	46.07 0.59 0.00	49.81 0.49 0.00	48.88 0.39 0.00	49.31 0.44 0.00	46.47 0.46 0.00	42.24 0.21 0.00	43.05 0.21 0.00	46.45 0.32 0.00	46.50 0.46 0.00	44.39 0.48 0.00	40.57 0.48 0.00	40.00 0.32 -0.05	35.35 0.27 -0.83	33.14 0.16 -0.87	32.72 0.16 -0.55
MILLIKEN___2 23585	40.60 0.28 0.00	36.98 0.37 0.00	35.48 0.28 0.00	34.78 0.28 0.00	35.37 0.28 0.00	36.80 0.44 0.00	38.77 0.46 0.00	39.94 0.51 0.00	43.02 0.55 0.00	46.07 0.59 0.00	49.81 0.49 0.00	48.88 0.39 0.00	49.31 0.44 0.00	46.47 0.46 0.00	42.24 0.21 0.00	43.05 0.21 0.00	46.45 0.32 0.00	46.50 0.46 0.00	44.39 0.48 0.00	40.57 0.48 0.00	40.00 0.32 -0.05	35.35 0.27 -0.83	33.14 0.16 -0.87	32.72 0.16 -0.55
MILLIKEN___DIESEL 23629	40.60 0.28 0.00	36.98 0.37 0.00	35.48 0.28 0.00	34.78 0.28 0.00	35.37 0.28 0.00	36.80 0.44 0.00	38.77 0.46 0.00	39.94 0.51 0.00	43.02 0.55 0.00	46.07 0.59 0.00	49.81 0.49 0.00	48.88 0.39 0.00	49.31 0.44 0.00	46.47 0.46 0.00	42.24 0.21 0.00	43.05 0.21 0.00	46.45 0.32 0.00	46.50 0.46 0.00	44.39 0.48 0.00	40.57 0.48 0.00	40.00 0.32 -0.05	35.35 0.27 -0.83	33.14 0.16 -0.87	32.72 0.16 -0.55
MILLSEAT___LFGE 323607	37.65 -2.66 0.00	35.00 -1.61 0.00	33.30 -1.90 0.00	32.61 -1.90 0.00	33.19 -1.90 0.00	34.95 -1.42 0.00	36.66 -1.65 0.00	37.30 -2.13 0.00	39.96 -2.51 0.00	42.38 -3.09 0.00	45.27 -4.04 0.00	44.28 -4.22 0.00	44.52 -4.35 0.00	42.42 -3.59 0.00	38.75 -3.28 0.00	39.37 -3.47 0.00	42.72 -3.41 0.00	42.77 -3.27 0.00	41.19 -2.72 0.00	38.08 -2.00 0.00	37.29 -2.38 -0.03	32.87 -1.95 -0.57	30.72 -1.99 -0.59	30.59 -1.79 -0.38
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	42.13 1.81 0.00	37.97 1.35 0.00	36.57 1.37 0.00	35.81 1.31 0.00	36.42 1.33 0.00	37.64 1.27 0.00	39.76 1.46 0.00	41.36 1.93 0.00	44.76 2.29 0.00	47.93 2.46 0.00	52.23 2.91 0.00	51.36 2.86 0.00	51.71 2.83 0.00	48.63 2.62 0.00	44.51 2.48 0.00	45.53 2.70 0.00	49.08 2.95 0.00	48.99 2.95 0.00	46.59 2.68 0.00	42.45 2.37 0.00	42.24 2.34 -0.26	40.62 2.02 -4.35	38.50 1.83 -4.56	36.54 1.63 -2.90
MILLWOOD_13_KV_LOAD 356217	42.21 1.89 0.00	38.08 1.46 0.00	36.64 1.44 0.00	35.88 1.38 0.00	36.49 1.40 0.00	37.71 1.35 0.00	39.80 1.49 0.00	41.40 1.97 0.00	44.88 2.42 0.00	48.12 2.64 0.00	52.37 3.06 0.00	51.50 3.01 0.00	51.86 2.98 0.00	48.77 2.76 0.00	44.59 2.56 0.00	45.62 2.78 0.00	49.17 3.04 0.00	49.08 3.04 0.00	46.67 2.77 0.00	42.49 2.41 0.00	42.28 2.38 -0.26	40.69 2.09 -4.35	38.57 1.89 -4.56	36.60 1.70 -2.90
MODEL_CITY_ENERGY 24167	36.61 -3.71 0.00	34.12 -2.49 0.00	32.42 -2.78 0.00	31.78 -2.73 0.00	32.35 -2.74 0.00	34.04 -2.33 0.00	35.63 -2.68 0.00	36.11 -3.31 0.00	38.68 -3.78 0.00	41.02 -4.46 0.00	43.74 -5.57 0.00	42.77 -5.72 0.00	43.01 -5.87 0.00	41.04 -4.97 0.00	37.53 -4.50 0.00	38.17 -4.67 0.00	41.33 -4.80 0.00	41.34 -4.70 0.00	39.87 -4.04 0.00	36.88 -3.21 0.00	36.10 -3.57 -0.03	31.94 -2.91 -0.60	29.84 -2.89 -0.62	29.84 -2.56 -0.40
MODERN_LFGE___ 323580	36.61 -3.71 0.00	34.12 -2.49 0.00	32.42 -2.78 0.00	31.78 -2.73 0.00	32.35 -2.74 0.00	34.04 -2.33 0.00	35.63 -2.68 0.00	36.11 -3.31 0.00	38.68 -3.78 0.00	41.02 -4.46 0.00	43.74 -5.57 0.00	42.77 -5.72 0.00	43.01 -5.87 0.00	41.04 -4.97 0.00	37.53 -4.50 0.00	38.17 -4.67 0.00	41.33 -4.80 0.00	41.34 -4.70 0.00	39.87 -4.04 0.00	36.88 -3.21 0.00	36.10 -3.57 -0.03	31.94 -2.91 -0.60	29.84 -2.89 -0.62	29.84 -2.56 -0.40
MOHAWK_PAPER___DRP 24187	41.81 1.49 0.00	37.82 1.21 0.00	36.43 1.23 0.00	35.71 1.21 0.00	36.28 1.19 0.00	37.57 1.20 0.00	39.42 1.11 0.00	40.69 1.26 0.00	43.82 1.36 0.00	46.89 1.41 0.00	50.99 1.68 0.00	50.14 1.65 0.00	50.49 1.61 0.00	47.43 1.43 0.00	43.46 1.43 0.00	44.25 1.41 0.00	47.61 1.48 0.00	47.51 1.47 0.00	45.31 1.41 0.00	41.57 1.48 0.00	41.46 1.51 -0.32	40.81 1.34 -5.23	38.88 1.28 -5.48	36.74 1.25 -3.48
MOHICAN___35_KV_115KV_LD 80490	42.86 2.54 0.00	38.77 2.16 0.00	37.28 2.08 0.00	36.57 2.07 0.00	37.12 2.03 0.00	38.48 2.11 0.00	40.57 2.26 0.00	41.91 2.48 0.00	45.48 3.01 0.00	48.75 3.27 0.00	53.02 3.70 0.00	52.18 3.69 0.00	52.44 3.57 0.00	49.09 3.08 0.00	44.85 2.82 0.00	45.62 2.78 0.00	49.04 2.91 0.00	49.03 2.99 0.00	46.81 2.90 0.00	42.81 2.73 0.00	42.62 2.66 -0.33	41.86 2.26 -5.35	39.67 1.96 -5.60	37.55 1.98 -3.56
MONGAUP___HYD 23641	41.89 1.57 0.00	37.78 1.17 0.00	36.40 1.20 0.00	35.64 1.14 0.00	36.24 1.16 0.00	37.50 1.13 0.00	39.57 1.26 0.00	41.00 1.58 0.00	44.33 1.87 0.00	47.34 1.87 0.00	51.48 2.17 0.00	50.58 2.08 0.00	50.98 2.10 0.00	47.94 1.93 0.00	43.88 1.85 0.00	44.98 2.14 0.00	48.53 2.40 0.00	48.48 2.44 0.00	46.15 2.24 0.00	42.01 1.92 0.00	41.78 1.90 -0.24	39.89 1.64 -3.99	37.74 1.45 -4.18	36.07 1.41 -2.66
MONTAUK___DIESEL 23721	43.74 3.43 0.00	39.18 2.56 0.00	37.56 2.36 0.00	36.68 2.17 0.00	37.72 2.63 0.00	38.91 2.55 0.00	41.03 2.72 0.00	42.97 3.55 0.00	46.20 3.74 0.00	50.92 3.73 -1.72	54.26 3.45 -1.49	58.23 3.30 -6.44	59.63 3.27 -7.48	58.57 3.04 -9.53	58.97 3.32 -13.62	50.32 3.60 -3.88	49.78 3.64 -0.01	50.00 3.87 -0.09	46.85 2.94 0.00	42.45 2.37 0.00	42.28 2.38 -0.27	40.64 2.02 -4.37	38.14 1.44 -4.58	36.84 1.92 -2.91
MOONROAD_115KV_HARTFLD_TB1-2 355988	38.54 -1.77 0.00	35.88 -0.73 0.00	34.43 -0.77 0.00	33.78 -0.72 0.00	34.38 -0.70 0.00	36.19 -0.18 0.00	37.96 -0.34 0.00	38.60 -0.83 0.00	41.49 -0.98 0.00	44.11 -1.36 0.00	47.20 -2.12 0.00	45.97 -2.52 0.00	46.04 -2.83 0.00	43.71 -2.30 0.00	39.72 -2.31 0.00	40.22 -2.61 0.00	43.64 -2.49 0.00	43.78 -2.26 0.00	42.11 -1.80 0.00	38.80 -1.28 0.00	37.30 -2.38 -0.04	32.84 -2.09 -0.67	30.54 -2.28 -0.71	30.38 -2.08 -0.45

MORRIS_RIDGE___SOLAR 323848	38.58 -1.73 0.00	35.66 -0.95 0.00	34.04 -1.16 0.00	33.40 -1.11 0.00	33.96 -1.12 0.00	35.60 -0.77 0.00	37.35 -0.96 0.00	38.16 -1.26 0.00	41.02 -1.44 0.00	43.66 -1.82 0.00	46.85 -2.46 0.00	45.88 -2.62 0.00	46.14 -2.74 0.00	43.80 -2.21 0.00	39.84 -2.19 0.00	40.44 -2.40 0.00	43.78 -2.35 0.00	43.92 -2.12 0.00	42.11 -1.80 0.00	38.76 -1.32 0.00	37.62 -2.06 -0.05	33.24 -1.82 -0.80	31.06 -1.89 -0.84	30.81 -1.73 -0.53
MORTIMER_115KV_TB3 55949	38.26 -2.06 0.00	35.26 -1.35 0.00	33.65 -1.55 0.00	32.98 -1.52 0.00	33.54 -1.54 0.00	35.13 -1.24 0.00	36.93 -1.38 0.00	37.73 -1.70 0.00	40.51 -1.95 0.00	43.07 -2.41 0.00	46.36 -2.96 0.00	45.49 -3.01 0.00	45.80 -3.08 0.00	43.43 -2.58 0.00	39.68 -2.35 0.00	40.31 -2.53 0.00	43.59 -2.54 0.00	43.60 -2.44 0.00	41.80 -2.11 0.00	38.44 -1.64 0.00	38.08 -1.59 -0.03	33.51 -1.23 -0.49	31.37 -1.25 -0.51	31.18 -1.15 -0.33
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	42.37 2.06 0.00	38.19 1.57 0.00	36.78 1.58 0.00	35.99 1.48 0.00	36.63 1.54 0.00	37.82 1.45 0.00	39.92 1.61 0.00	41.56 2.13 0.00	44.97 2.51 0.00	48.16 2.68 0.00	52.47 3.16 0.00	51.60 3.10 0.00	52.05 3.18 0.00	48.91 2.90 0.00	44.80 2.77 0.00	45.83 3.00 0.00	49.36 3.23 0.00	49.26 3.22 0.00	46.85 2.94 0.00	42.69 2.61 0.00	42.48 2.58 -0.27	40.92 2.29 -4.37	38.78 2.09 -4.58	36.78 1.86 -2.91
MUNSVILLE_WIND_PWR 323609	42.82 2.50 0.00	39.03 2.42 0.00	37.49 2.29 0.00	36.64 2.14 0.00	37.23 2.14 0.00	38.99 2.62 0.00	41.18 2.87 0.00	42.74 3.31 0.00	45.95 3.48 0.00	49.62 4.14 0.00	53.76 4.44 0.00	52.61 4.12 0.00	53.22 4.35 0.00	50.15 4.14 0.00	45.35 3.32 0.00	46.22 3.38 0.00	49.91 3.78 0.00	49.82 3.78 0.00	47.46 3.55 0.00	43.25 3.17 0.00	42.69 2.97 -0.08	37.83 2.30 -1.28	35.45 1.99 -1.34	34.68 1.82 -0.85
N SALMON___HYD 24042	40.92 0.61 0.00	38.11 1.50 0.00	36.64 1.44 0.00	36.12 1.62 0.00	36.98 1.89 0.00	37.31 0.94 0.00	39.76 1.46 0.00	40.81 1.38 0.00	43.57 1.10 0.00	47.03 1.55 0.00	50.35 1.04 0.00	49.85 1.36 0.00	50.29 1.42 0.00	47.11 1.10 0.00	43.00 0.97 0.00	43.26 0.43 0.00	46.27 0.14 0.00	45.62 -0.42 0.00	43.43 -0.48 0.00	38.92 -1.16 0.00	38.85 -0.79 0.00	33.40 -0.92 -0.07	31.35 -0.84 -0.07	31.48 -0.58 -0.05
N.AKRON__115KV_KNAPP 355671	37.66 -2.66 0.00	35.00 -1.61 0.00	33.30 -1.90 0.00	32.61 -1.90 0.00	33.19 -1.89 0.00	34.95 -1.42 0.00	36.62 -1.69 0.00	37.26 -2.17 0.00	39.92 -2.55 0.00	42.25 -3.23 0.00	45.27 -4.04 0.00	44.28 -4.22 0.00	44.48 -4.40 0.00	42.42 -3.59 0.00	38.71 -3.32 0.00	39.28 -3.56 0.00	42.67 -3.46 0.00	42.73 -3.31 0.00	41.19 -2.72 0.00	38.08 -2.00 0.00	37.25 -2.42 -0.03	32.87 -1.95 -0.57	30.69 -2.02 -0.60	30.60 -1.79 -0.38
N.BELMOR_69_KV_BK1 55787	42.53 2.22 0.00	38.19 1.57 0.00	36.71 1.51 0.00	35.88 1.38 0.00	36.63 1.54 0.00	37.93 1.56 0.00	40.18 1.88 0.00	42.11 2.68 0.00	45.56 3.10 0.00	51.01 3.14 -2.39	54.75 3.35 -2.08	60.71 3.25 -8.97	62.52 3.23 -10.42	62.31 3.04 -13.27	63.94 2.94 -18.97	51.63 3.38 -5.40	49.88 3.74 -0.01	49.94 3.78 -0.12	47.25 3.34 0.00	43.05 2.97 0.00	42.87 2.97 -0.27	41.12 2.50 -4.37	38.75 2.06 -4.58	36.87 1.95 -2.91
N.E_GEN_SANDY PD 24062	41.97 1.65 0.00	37.89 1.28 0.00	36.50 1.30 0.00	35.78 1.28 0.00	36.38 1.30 0.00	37.64 1.27 0.00	42.35 1.42 -2.62	41.86 1.69 -0.74	45.69 1.95 -1.27	48.47 2.05 -0.94	51.68 2.37 0.00	53.00 2.33 -2.18	52.50 2.35 -1.28	50.51 2.16 -2.34	48.18 2.06 -4.09	47.24 2.14 -2.26	48.57 2.35 -0.09	48.34 2.30 0.00	46.10 2.19 0.00	42.01 1.92 0.00	41.87 1.94 -0.29	40.68 1.61 -4.82	38.64 1.48 -5.05	36.66 1.44 -3.21
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	42.01 1.69 0.00	37.86 1.24 0.00	36.47 1.27 0.00	35.71 1.21 0.00	36.31 1.23 0.00	37.53 1.16 0.00	39.65 1.34 0.00	41.24 1.81 0.00	44.63 2.17 0.00	47.80 2.32 0.00	52.08 2.76 0.00	51.16 2.67 0.00	51.56 2.69 0.00	48.49 2.48 0.00	44.43 2.40 0.00	45.41 2.57 0.00	48.99 2.86 0.00	48.94 2.90 0.00	46.54 2.63 0.00	42.37 2.28 0.00	42.15 2.26 -0.26	40.45 1.95 -4.24	38.29 1.73 -4.45	36.37 1.54 -2.83
N.QUEENS_27_KV_LOAD 356247	42.42 2.10 -0.01	38.34 1.72 -0.01	37.04 1.83 -0.01	36.27 1.76 -0.01	36.92 1.82 -0.01	37.86 1.49 0.00	39.69 1.38 0.00	41.40 1.97 0.00	44.84 2.38 0.00	47.98 2.50 0.00	52.37 3.06 0.00	51.55 3.06 0.00	51.95 3.08 0.00	48.86 2.85 0.00	44.76 2.73 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.57 2.49 0.00	42.44 2.54 -0.27	41.09 2.47 -4.37	39.30 2.60 -4.59	37.23 2.30 -2.92
N.TROY___115KV_TB1 355778	41.93 1.61 0.00	37.93 1.32 0.00	36.50 1.30 0.00	35.78 1.28 0.00	36.38 1.30 0.00	37.71 1.35 0.00	39.69 1.38 0.00	41.00 1.58 0.00	44.25 1.78 0.00	47.39 1.91 0.00	51.49 2.17 0.00	50.68 2.18 0.00	51.03 2.15 0.00	47.94 1.93 0.00	43.88 1.85 0.00	44.72 1.88 0.00	48.11 1.98 0.00	48.02 1.98 0.00	45.84 1.93 0.00	41.85 1.76 0.00	41.70 1.74 -0.32	41.01 1.51 -5.26	39.00 1.38 -5.51	36.85 1.34 -3.50
NARROWS_GT1_1 24228	42.87 2.54 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.33 0.00	47.93 2.45 0.00	52.38 3.06 0.00	51.50 3.01 0.00	51.96 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.98 2.36 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
NARROWS_GT1_2 24229	42.87 2.54 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.33 0.00	47.93 2.45 0.00	52.38 3.06 0.00	51.50 3.01 0.00	51.96 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.98 2.36 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
NARROWS_GT1_3 24230	42.87 2.54 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.33 0.00	47.93 2.45 0.00	52.38 3.06 0.00	51.50 3.01 0.00	51.96 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.98 2.36 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
NARROWS_GT1_4 24231	42.87 2.54 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.33 0.00	47.93 2.45 0.00	52.38 3.06 0.00	51.50 3.01 0.00	51.96 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.98 2.36 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92

NARROWS_GT1_5 24232	42.87 2.54 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.33 0.00	47.93 2.45 0.00	52.38 3.06 0.00	51.50 3.01 0.00	51.96 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.98 2.36 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
NARROWS_GT1_6 24233	42.87 2.54 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.33 0.00	47.93 2.45 0.00	52.38 3.06 0.00	51.50 3.01 0.00	51.96 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.98 2.36 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
NARROWS_GT1_7 24234	42.87 2.54 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.33 0.00	47.93 2.45 0.00	52.38 3.06 0.00	51.50 3.01 0.00	51.96 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.98 2.36 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
NARROWS_GT1_8 24235	42.87 2.54 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.33 0.00	47.93 2.45 0.00	52.38 3.06 0.00	51.50 3.01 0.00	51.96 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.98 2.36 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
NARROWS_GT2_1 24236	42.87 2.54 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.33 0.00	47.93 2.45 0.00	52.38 3.06 0.00	51.50 3.01 0.00	51.96 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.98 2.36 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
NARROWS_GT2_2 24237	42.87 2.54 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.33 0.00	47.93 2.45 0.00	52.38 3.06 0.00	51.50 3.01 0.00	51.96 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.98 2.36 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
NARROWS_GT2_3 24238	42.87 2.54 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.33 0.00	47.93 2.45 0.00	52.38 3.06 0.00	51.50 3.01 0.00	51.96 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.98 2.36 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
NARROWS_GT2_4 24239	42.87 2.54 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.33 0.00	47.93 2.45 0.00	52.38 3.06 0.00	51.50 3.01 0.00	51.96 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.98 2.36 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
NARROWS_GT2_5 24240	42.87 2.54 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.33 0.00	47.93 2.45 0.00	52.38 3.06 0.00	51.50 3.01 0.00	51.96 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.98 2.36 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
NARROWS_GT2_6 24241	42.87 2.54 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.33 0.00	47.93 2.45 0.00	52.38 3.06 0.00	51.50 3.01 0.00	51.96 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.98 2.36 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
NARROWS_GT2_7 24242	42.87 2.54 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.33 0.00	47.93 2.45 0.00	52.38 3.06 0.00	51.50 3.01 0.00	51.96 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.98 2.36 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
NARROWS_GT2_8 24243	42.87 2.54 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.33 0.00	47.93 2.45 0.00	52.38 3.06 0.00	51.50 3.01 0.00	51.96 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.98 2.36 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	42.13 1.81 0.00	38.11 1.50 0.00	36.75 1.55 0.00	36.02 1.52 0.00	36.59 1.51 0.00	37.86 1.49 0.00	39.65 1.34 0.00	40.77 1.34 0.00	43.82 1.36 0.00	46.75 1.27 0.00	50.75 1.43 0.00	49.85 1.36 0.00	50.15 1.27 0.00	47.07 1.06 0.00	43.16 1.13 0.00	44.08 1.24 0.00	47.42 1.29 0.00	47.38 1.34 0.00	45.27 1.36 0.00	41.61 1.52 0.00	41.44 1.51 -0.30	40.30 1.10 -4.95	38.45 1.16 -5.19	36.52 1.22 -3.30
NCHELSEA_115KV_TR2 355582	42.21 1.89 0.00	38.04 1.43 0.00	36.64 1.44 0.00	35.92 1.41 0.00	36.49 1.40 0.00	37.71 1.35 0.00	39.84 1.53 0.00	41.32 1.89 0.00	44.80 2.34 0.00	47.98 2.50 0.00	52.23 2.91 0.00	51.36 2.86 0.00	51.71 2.83 0.00	48.68 2.67 0.00	44.55 2.52 0.00	45.58 2.74 0.00	49.13 3.00 0.00	48.99 2.95 0.00	46.59 2.68 0.00	42.37 2.28 0.00	42.16 2.26 -0.27	40.58 1.95 -4.38	38.46 1.77 -4.59	36.59 1.66 -2.92
NEG CAPITAL___MECHNVIL 23645	42.41 2.10 0.00	38.33 1.72 0.00	36.89 1.69 0.00	36.19 1.69 0.00	36.77 1.68 0.00	38.11 1.75 0.00	40.11 1.80 0.00	41.47 2.05 0.00	44.84 2.38 0.00	48.11 2.64 0.00	52.33 3.01 0.00	51.50 3.01 0.00	51.81 2.93 0.00	48.58 2.57 0.00	44.42 2.39 0.00	45.23 2.40 0.00	48.66 2.54 0.00	48.62 2.58 0.00	46.37 2.46 0.00	42.37 2.28 0.00	42.22 2.26 -0.32	41.48 1.92 -5.31	39.38 1.70 -5.57	37.21 1.66 -3.54

NEG CENTRAL_HIGH_ACRES 23767	37.94 -2.38 0.00	34.86 -1.76 0.00	33.30 -1.90 0.00	32.64 -1.86 0.00	33.19 -1.90 0.00	34.73 -1.64 0.00	36.51 -1.80 0.00	37.42 -2.01 0.00	40.17 -2.29 0.00	42.89 -2.59 0.00	46.21 -3.11 0.00	45.39 -3.10 0.00	45.70 -3.18 0.00	43.29 -2.71 0.00	39.46 -2.57 0.00	40.14 -2.70 0.00	43.31 -2.82 0.00	43.28 -2.76 0.00	41.41 -2.50 0.00	38.04 -2.04 0.00	37.68 -1.98 -0.03	33.12 -1.61 -0.47	31.00 -1.60 -0.50	30.82 -1.50 -0.32
NEG CENTRAL___DRP 24199	39.67 -0.65 0.00	36.25 -0.37 0.00	34.74 -0.46 0.00	34.05 -0.45 0.00	34.63 -0.46 0.00	36.11 -0.25 0.00	38.04 -0.27 0.00	39.11 -0.32 0.00	42.08 -0.38 0.00	44.98 -0.50 0.00	48.58 -0.74 0.00	47.67 -0.82 0.00	48.04 -0.83 0.00	45.36 -0.64 0.00	41.23 -0.80 0.00	41.98 -0.86 0.00	45.35 -0.78 0.00	45.40 -0.64 0.00	43.38 -0.53 0.00	39.69 -0.40 0.00	39.07 -0.59 -0.03	34.27 -0.51 -0.53	32.09 -0.58 -0.55	31.82 -0.54 -0.35
NEG CENTRAL___INDECK 23768	39.55 -0.77 0.00	36.43 -0.18 0.00	34.81 -0.39 0.00	34.12 -0.38 0.00	34.70 -0.39 0.00	36.44 0.07 0.00	38.31 0.00 0.00	39.31 -0.12 0.00	42.00 -0.47 0.00	44.52 -0.96 0.00	47.74 -1.58 0.00	46.70 -1.79 0.00	46.97 -1.91 0.00	44.49 -1.52 0.00	40.48 -1.55 0.00	41.21 -1.63 0.00	44.79 -1.34 0.00	45.12 -0.92 0.00	43.34 -0.57 0.00	39.93 -0.16 0.00	39.16 -0.52 -0.04	34.50 -0.45 -0.70	32.26 -0.58 -0.73	31.93 -0.54 -0.46
NEG CENTRAL___SENECA 23627	39.63 -0.69 0.00	36.28 -0.33 0.00	34.74 -0.46 0.00	34.09 -0.41 0.00	34.63 -0.46 0.00	36.19 -0.18 0.00	38.12 -0.19 0.00	39.23 -0.20 0.00	42.17 -0.30 0.00	45.02 -0.45 0.00	48.58 -0.74 0.00	47.62 -0.87 0.00	48.00 -0.88 0.00	45.36 -0.64 0.00	41.23 -0.80 0.00	41.89 -0.94 0.00	45.35 -0.78 0.00	45.44 -0.60 0.00	43.47 -0.44 0.00	39.81 -0.28 0.00	39.12 -0.55 -0.04	34.32 -0.51 -0.59	32.08 -0.64 -0.61	31.79 -0.61 -0.39
NEG CENTRAL___STATE_STREET 24147	39.91 -0.40 0.00	36.36 -0.26 0.00	34.88 -0.32 0.00	34.19 -0.31 0.00	34.77 -0.32 0.00	36.19 -0.18 0.00	38.12 -0.19 0.00	39.19 -0.24 0.00	42.17 -0.30 0.00	45.16 -0.32 0.00	48.77 -0.54 0.00	47.96 -0.53 0.00	48.34 -0.54 0.00	45.55 -0.46 0.00	41.48 -0.55 0.00	42.24 -0.60 0.00	45.58 -0.55 0.00	45.58 -0.46 0.00	43.51 -0.40 0.00	39.81 -0.28 0.00	39.27 -0.40 -0.03	34.43 -0.34 -0.52	32.27 -0.39 -0.54	32.00 -0.35 -0.34
NEG MILLWOOD___DRP 24198	42.41 2.10 0.00	38.22 1.61 0.00	36.78 1.58 0.00	36.06 1.55 0.00	36.63 1.54 0.00	37.86 1.49 0.00	39.96 1.65 0.00	41.52 2.09 0.00	45.14 2.68 0.00	48.43 2.96 0.00	52.72 3.40 0.00	51.74 3.25 0.00	52.05 3.18 0.00	49.00 2.99 0.00	44.76 2.73 0.00	45.83 3.00 0.00	49.36 3.23 0.00	49.22 3.18 0.00	46.81 2.90 0.00	42.53 2.45 0.00	42.32 2.42 -0.27	40.78 2.12 -4.41	38.69 1.96 -4.62	36.74 1.79 -2.94
NEG NORTH_FLCN_SEA 23793	41.08 0.77 0.00	38.30 1.68 0.00	36.85 1.65 0.00	36.33 1.83 0.00	37.16 2.07 0.00	37.57 1.20 0.00	39.96 1.65 0.00	40.96 1.54 0.00	43.74 1.27 0.00	47.21 1.73 0.00	50.55 1.23 0.00	50.05 1.55 0.00	50.59 1.71 0.00	47.34 1.33 0.00	43.21 1.18 0.00	43.52 0.69 0.00	46.54 0.42 0.00	45.90 -0.14 0.00	43.64 -0.26 0.00	39.20 -0.88 0.00	39.04 -0.59 0.00	33.50 -0.75 0.00	31.44 -0.67 0.00	31.56 -0.45 0.00
NEG NORTH_KES_CHATEGAY 23792	40.56 0.24 0.00	37.78 1.17 0.00	36.36 1.16 0.00	35.85 1.35 0.00	36.66 1.58 0.00	37.06 0.69 0.00	39.46 1.15 0.00	40.45 1.03 0.00	43.14 0.68 0.00	46.52 1.05 0.00	49.91 0.59 0.00	49.37 0.87 0.00	49.90 1.03 0.00	46.70 0.69 0.00	42.62 0.59 0.00	42.92 0.09 0.00	45.90 -0.23 0.00	45.30 -0.74 0.00	43.07 -0.83 0.00	38.68 -1.40 0.00	38.56 -1.07 0.00	33.09 -1.16 0.00	31.05 -1.06 0.00	31.21 -0.80 0.00
NEG NORTH___ALICE_FALLS 23915	41.24 0.93 0.00	38.41 1.79 0.00	36.96 1.76 0.00	36.43 1.93 0.00	37.30 2.21 0.00	37.68 1.31 0.00	40.11 1.80 0.00	41.12 1.70 0.00	43.91 1.44 0.00	47.34 1.86 0.00	50.75 1.43 0.00	50.19 1.70 0.00	50.73 1.86 0.00	47.48 1.47 0.00	43.33 1.30 0.00	43.65 0.81 0.00	46.68 0.55 0.00	46.04 0.00 0.00	43.82 -0.09 0.00	39.28 -0.80 0.00	39.16 -0.48 0.00	33.60 -0.65 0.00	31.50 -0.61 0.00	31.62 -0.38 0.00
NEG NORTH___LWR_SARANAC 23913	41.24 0.93 0.00	38.41 1.79 0.00	36.96 1.76 0.00	36.43 1.93 0.00	37.30 2.21 0.00	37.68 1.31 0.00	40.11 1.80 0.00	41.12 1.70 0.00	43.91 1.44 0.00	47.34 1.86 0.00	50.75 1.43 0.00	50.19 1.70 0.00	50.73 1.86 0.00	47.48 1.47 0.00	43.33 1.30 0.00	43.65 0.81 0.00	46.68 0.55 0.00	46.04 0.00 0.00	43.82 -0.09 0.00	39.28 -0.80 0.00	39.16 -0.48 0.00	33.60 -0.65 0.00	31.50 -0.61 0.00	31.62 -0.38 0.00
NEG NORTH___PLATTSBURG 23628	41.24 0.93 0.00	38.41 1.79 0.00	36.96 1.76 0.00	36.43 1.93 0.00	37.30 2.21 0.00	37.68 1.31 0.00	40.11 1.80 0.00	41.12 1.69 0.00	43.91 1.44 0.00	47.34 1.87 0.00	50.75 1.43 0.00	50.19 1.70 0.00	50.63 1.76 0.00	47.48 1.47 0.00	43.33 1.30 0.00	43.65 0.81 0.00	46.69 0.56 0.00	46.04 0.00 0.00	43.82 -0.09 0.00	39.28 -0.80 0.00	39.16 -0.47 0.00	33.60 -0.65 0.00	31.50 -0.61 0.00	31.62 -0.38 0.00
NEG WEST_LEA_LOCKPORT 23791	37.05 -3.27 0.00	34.53 -2.09 0.00	32.81 -2.39 0.00	32.16 -2.35 0.00	32.74 -2.35 0.00	34.44 -1.93 0.00	36.05 -2.26 0.00	36.55 -2.88 0.00	39.19 -3.27 0.00	41.48 -4.00 0.00	44.34 -4.98 0.00	43.35 -5.14 0.00	43.55 -5.33 0.00	41.59 -4.42 0.00	37.99 -4.03 0.00	38.55 -4.28 0.00	41.84 -4.29 0.00	41.85 -4.19 0.00	40.40 -3.51 0.00	37.36 -2.73 0.00	36.54 -3.13 -0.04	32.27 -2.57 -0.59	30.13 -2.60 -0.62	30.13 -2.27 -0.39
NEG WEST___LANCASTR 23811	38.46 -1.85 0.00	35.70 -0.92 0.00	34.00 -1.20 0.00	33.33 -1.17 0.00	33.89 -1.19 0.00	35.60 -0.76 0.00	37.43 -0.88 0.00	37.93 -1.50 0.00	40.68 -1.78 0.00	43.16 -2.32 0.00	46.26 -3.06 0.00	45.25 -3.25 0.00	45.45 -3.42 0.00	43.29 -2.71 0.00	39.47 -2.56 0.00	40.01 -2.83 0.00	43.50 -2.63 0.00	43.78 -2.26 0.00	42.15 -1.76 0.00	38.88 -1.20 0.00	36.23 -3.45 -0.04	31.68 -3.25 -0.68	29.49 -3.34 -0.71	29.29 -3.17 -0.45
NEG_PENN_ALLEGHNY 23528	40.24 -0.08 0.00	36.69 0.07 0.00	35.20 0.00 0.00	34.50 0.00 0.00	35.05 -0.04 0.00	36.48 0.11 0.00	38.42 0.12 0.00	39.58 0.16 0.00	42.63 0.17 0.00	45.66 0.18 0.00	49.42 0.10 0.00	48.49 0.00 0.00	48.92 0.05 0.00	46.10 0.09 0.00	41.99 -0.04 0.00	42.79 -0.04 0.00	46.13 0.00 0.00	46.18 0.14 0.00	44.08 0.18 0.00	40.29 0.20 0.00	39.64 -0.08 -0.08	35.53 -0.07 -1.34	33.33 -0.19 -1.41	32.71 -0.19 -0.89
NEG___GEN_MONROE 24207	38.34 -1.98 0.00	35.40 -1.21 0.00	33.76 -1.44 0.00	33.09 -1.41 0.00	33.65 -1.44 0.00	35.31 -1.05 0.00	37.01 -1.30 0.00	37.77 -1.66 0.00	40.55 -1.91 0.00	43.07 -2.41 0.00	46.31 -3.01 0.00	45.39 -3.10 0.00	45.70 -3.18 0.00	43.34 -2.67 0.00	39.55 -2.48 0.00	40.14 -2.70 0.00	43.45 -2.68 0.00	43.51 -2.53 0.00	41.76 -2.15 0.00	38.44 -1.64 0.00	38.00 -1.66 -0.03	33.44 -1.30 -0.49	31.37 -1.25 -0.52	31.22 -1.12 -0.33

NEPA__ENERGY 23901	38.06 -2.26 0.00	35.40 -1.21 0.00	33.79 -1.41 0.00	33.12 -1.38 0.00	33.68 -1.40 0.00	35.42 -0.95 0.00	37.16 -1.15 0.00	37.73 -1.70 0.00	40.47 -2.00 0.00	42.98 -2.50 0.00	45.96 -3.35 0.00	44.91 -3.59 0.00	45.06 -3.81 0.00	42.93 -3.08 0.00	39.13 -2.90 0.00	39.67 -3.17 0.00	43.04 -3.09 0.00	43.14 -2.90 0.00	41.58 -2.33 0.00	38.40 -1.68 0.00	37.10 -2.58 -0.04	32.71 -2.19 -0.65	30.48 -2.31 -0.68	30.36 -2.08 -0.43
NEVERSINK__HYD 23608	41.69 1.37 0.00	37.60 0.99 0.00	36.22 1.02 0.00	35.47 0.96 0.00	36.07 0.98 0.00	37.28 0.91 0.00	39.42 1.11 0.00	40.84 1.42 0.00	44.25 1.78 0.00	47.34 1.87 0.00	51.48 2.17 0.00	50.58 2.08 0.00	50.98 2.10 0.00	47.98 1.98 0.00	43.92 1.89 0.00	44.93 2.10 0.00	48.48 2.35 0.00	48.34 2.30 0.00	45.97 2.06 0.00	41.81 1.72 0.00	41.57 1.70 -0.23	39.52 1.44 -3.83	37.38 1.25 -4.01	35.74 1.18 -2.55
NEWKRMKL_115KV_TB1 55635	41.61 1.29 0.00	37.67 1.06 0.00	36.33 1.13 0.00	35.61 1.10 0.00	36.17 1.09 0.00	37.42 1.05 0.00	39.15 0.84 0.00	40.41 0.99 0.00	43.36 0.89 0.00	46.39 0.91 0.00	50.45 1.13 0.00	49.61 1.12 0.00	50.00 1.12 0.00	46.93 0.92 0.00	43.00 0.97 0.00	43.82 0.99 0.00	47.05 0.92 0.00	46.96 0.92 0.00	44.83 0.92 0.00	41.29 1.20 0.00	41.14 1.19 -0.32	40.57 1.10 -5.22	38.74 1.16 -5.47	36.64 1.15 -3.48
NEWTON__FALLS_HYD 23847	40.16 -0.16 0.00	37.05 0.44 0.00	35.66 0.46 0.00	35.16 0.66 0.00	35.86 0.77 0.00	36.66 0.29 0.00	38.88 0.57 0.00	40.06 0.63 0.00	42.80 0.34 0.00	46.16 0.68 0.00	49.66 0.35 0.00	48.88 0.39 0.00	49.36 0.49 0.00	46.24 0.23 0.00	42.07 0.04 0.00	42.62 -0.21 0.00	45.76 -0.37 0.00	45.40 -0.64 0.00	43.29 -0.61 0.00	38.96 -1.12 0.00	38.73 -0.91 -0.01	33.39 -0.99 -0.13	31.38 -0.87 -0.13	31.36 -0.74 -0.09
NGRID_A1_DSASP 323792	36.49 -3.83 0.00	34.05 -2.56 0.00	32.31 -2.89 0.00	31.67 -2.83 0.00	32.25 -2.84 0.00	33.93 -2.44 0.00	35.51 -2.79 0.00	35.92 -3.51 0.00	38.47 -3.99 0.00	40.79 -4.68 0.00	43.45 -5.87 0.00	42.53 -5.97 0.00	42.76 -6.11 0.00	40.81 -5.20 0.00	37.32 -4.71 0.00	38.00 -4.84 0.00	41.15 -4.98 0.00	41.11 -4.93 0.00	39.65 -4.26 0.00	36.68 -3.41 0.00	36.02 -3.65 -0.03	31.90 -2.95 -0.60	29.82 -2.92 -0.63	29.84 -2.56 -0.40
NGRID_A2_DSASP 323793	36.49 -3.83 0.00	34.05 -2.56 0.00	32.31 -2.89 0.00	31.67 -2.83 0.00	32.25 -2.84 0.00	33.93 -2.44 0.00	35.51 -2.79 0.00	35.92 -3.51 0.00	38.47 -3.99 0.00	40.79 -4.68 0.00	43.45 -5.87 0.00	42.53 -5.97 0.00	42.76 -6.11 0.00	40.81 -5.20 0.00	37.32 -4.71 0.00	38.00 -4.84 0.00	41.15 -4.98 0.00	41.11 -4.93 0.00	39.65 -4.26 0.00	36.68 -3.41 0.00	36.02 -3.65 -0.03	31.90 -2.95 -0.60	29.82 -2.92 -0.63	29.84 -2.56 -0.40
NGRID_A4_DSASP 323807	36.49 -3.83 0.00	34.05 -2.56 0.00	32.31 -2.89 0.00	31.67 -2.83 0.00	32.25 -2.84 0.00	33.93 -2.44 0.00	35.51 -2.79 0.00	35.92 -3.51 0.00	38.47 -3.99 0.00	40.79 -4.68 0.00	43.45 -5.87 0.00	42.53 -5.97 0.00	42.76 -6.11 0.00	40.81 -5.20 0.00	37.32 -4.71 0.00	38.00 -4.84 0.00	41.15 -4.98 0.00	41.11 -4.93 0.00	39.65 -4.26 0.00	36.68 -3.41 0.00	36.02 -3.65 -0.03	31.90 -2.95 -0.60	29.82 -2.92 -0.63	29.84 -2.56 -0.40
NIAGARA_115E_LBMP 323715	36.37 -3.95 0.00	33.94 -2.67 0.00	32.21 -2.99 0.00	31.60 -2.90 0.00	32.14 -2.95 0.00	33.82 -2.55 0.00	35.39 -2.91 0.00	35.84 -3.59 0.00	38.43 -4.04 0.00	40.70 -4.77 0.00	43.35 -5.97 0.00	42.43 -6.06 0.00	42.67 -6.21 0.00	40.72 -5.29 0.00	37.24 -4.79 0.00	37.87 -4.97 0.00	41.06 -5.07 0.00	41.02 -5.02 0.00	39.56 -4.35 0.00	36.64 -3.45 0.00	35.86 -3.81 -0.03	31.74 -3.12 -0.60	29.66 -3.08 -0.63	29.65 -2.75 -0.40
NIAGARA_115W_LBMP 323714	36.41 -3.91 0.00	33.98 -2.64 0.00	32.24 -2.96 0.00	31.60 -2.90 0.00	32.17 -2.91 0.00	33.86 -2.51 0.00	35.43 -2.87 0.00	35.84 -3.59 0.00	38.43 -4.04 0.00	40.70 -4.77 0.00	43.35 -5.97 0.00	42.43 -6.06 0.00	42.67 -6.21 0.00	40.72 -5.29 0.00	37.24 -4.79 0.00	37.91 -4.92 0.00	41.06 -5.07 0.00	41.02 -5.02 0.00	39.56 -4.35 0.00	36.64 -3.45 0.00	35.94 -3.73 -0.03	31.83 -3.01 -0.60	29.78 -2.95 -0.63	29.78 -2.62 -0.40
NIAGARA_230_LBMP 323716	36.77 -3.55 0.00	34.27 -2.34 0.00	32.52 -2.68 0.00	31.91 -2.59 0.00	32.45 -2.63 0.00	34.15 -2.22 0.00	35.78 -2.53 0.00	36.23 -3.19 0.00	38.81 -3.65 0.00	41.16 -4.32 0.00	43.84 -5.48 0.00	42.87 -5.62 0.00	43.11 -5.77 0.00	41.18 -4.83 0.00	37.66 -4.37 0.00	38.29 -4.54 0.00	41.47 -4.66 0.00	41.48 -4.56 0.00	40.00 -3.91 0.00	37.00 -3.09 0.00	36.30 -3.37 -0.03	32.10 -2.74 -0.59	30.00 -2.73 -0.62	30.00 -2.40 -0.39
NIAGARA__115KV_198_GIBSON 55903	36.41 -3.91 0.00	33.98 -2.64 0.00	32.24 -2.96 0.00	31.60 -2.90 0.00	32.17 -2.91 0.00	33.86 -2.51 0.00	35.43 -2.87 0.00	35.84 -3.59 0.00	38.43 -4.03 0.00	40.61 -4.87 0.00	43.35 -5.97 0.00	42.43 -6.06 0.00	42.62 -6.26 0.00	40.72 -5.29 0.00	37.24 -4.79 0.00	37.82 -5.01 0.00	41.01 -5.12 0.00	40.98 -5.06 0.00	39.61 -4.30 0.00	36.64 -3.45 0.00	35.95 -3.73 -0.04	31.84 -3.01 -0.60	29.78 -2.95 -0.63	29.78 -2.62 -0.40
NIAGARA____ 23760	36.77 -3.55 0.00	34.27 -2.34 0.00	32.52 -2.68 0.00	31.91 -2.59 0.00	32.45 -2.63 0.00	34.15 -2.22 0.00	35.78 -2.53 0.00	36.23 -3.19 0.00	38.81 -3.65 0.00	41.16 -4.32 0.00	43.84 -5.48 0.00	42.87 -5.62 0.00	43.11 -5.77 0.00	41.18 -4.83 0.00	37.66 -4.37 0.00	38.29 -4.54 0.00	41.47 -4.66 0.00	41.48 -4.56 0.00	40.00 -3.91 0.00	37.00 -3.09 0.00	36.30 -3.37 -0.03	32.11 -2.74 -0.60	30.01 -2.73 -0.62	30.00 -2.40 -0.40
NINE_MILE_1 23575	38.99 -1.33 0.00	35.48 -1.14 0.00	34.07 -1.13 0.00	33.40 -1.11 0.00	33.96 -1.12 0.00	35.28 -1.09 0.00	37.16 -1.15 0.00	38.01 -1.42 0.00	40.85 -1.61 0.00	43.75 -1.73 0.00	47.34 -1.97 0.00	46.55 -1.94 0.00	46.92 -1.96 0.00	44.21 -1.80 0.00	40.35 -1.68 0.00	41.12 -1.71 0.00	44.28 -1.85 0.00	44.24 -1.80 0.00	42.19 -1.71 0.00	38.56 -1.52 0.00	38.14 -1.51 -0.02	33.20 -1.30 -0.25	31.19 -1.19 -0.26	31.05 -1.12 -0.17
NINE_MILE_2 23744	38.99 -1.33 0.00	35.48 -1.14 0.00	34.07 -1.13 0.00	33.40 -1.11 0.00	33.96 -1.12 0.00	35.28 -1.09 0.00	37.16 -1.15 0.00	38.01 -1.42 0.00	40.85 -1.61 0.00	43.75 -1.73 0.00	47.34 -1.97 0.00	46.55 -1.94 0.00	46.92 -1.96 0.00	44.21 -1.80 0.00	40.35 -1.68 0.00	41.12 -1.71 0.00	44.28 -1.85 0.00	44.24 -1.80 0.00	42.19 -1.71 0.00	38.56 -1.52 0.00	38.14 -1.51 -0.02	33.20 -1.30 -0.25	31.19 -1.19 -0.26	31.05 -1.12 -0.17
NM_CAPITAL__DRP 24208	41.61 1.29 0.00	37.67 1.06 0.00	36.29 1.09 0.00	35.57 1.07 0.00	36.17 1.09 0.00	37.42 1.05 0.00	39.23 0.92 0.00	40.45 1.03 0.00	43.48 1.02 0.00	46.52 1.05 0.00	50.60 1.28 0.00	49.76 1.26 0.00	50.15 1.27 0.00	47.07 1.06 0.00	43.12 1.09 0.00	43.95 1.11 0.00	47.24 1.11 0.00	47.14 1.10 0.00	45.01 1.10 0.00	41.33 1.24 0.00	41.22 1.27 -0.32	40.59 1.13 -5.21	38.76 1.19 -5.46	36.63 1.15 -3.47

NM_CENTRAL___DRP 24181	39.63 -0.69 0.00	36.06 -0.55 0.00	34.64 -0.56 0.00	33.95 -0.55 0.00	34.52 -0.56 0.00	35.90 -0.47 0.00	37.77 -0.54 0.00	38.76 -0.67 0.00	41.74 -0.72 0.00	44.70 -0.77 0.00	48.38 -0.94 0.00	47.57 -0.92 0.00	47.95 -0.93 0.00	45.23 -0.78 0.00	41.19 -0.84 0.00	41.94 -0.90 0.00	45.21 -0.92 0.00	45.12 -0.92 0.00	43.07 -0.83 0.00	39.36 -0.72 0.00	38.90 -0.75 -0.02	33.96 -0.65 -0.36	31.88 -0.61 -0.38	31.67 -0.58 -0.24
NM_FRONTIER___DRP 24179	36.41 -3.91 0.00	33.98 -2.64 0.00	32.24 -2.96 0.00	31.60 -2.90 0.00	32.17 -2.91 0.00	33.86 -2.51 0.00	35.43 -2.87 0.00	35.84 -3.59 0.00	38.43 -4.03 0.00	40.61 -4.87 0.00	43.35 -5.97 0.00	42.43 -6.06 0.00	42.62 -6.26 0.00	40.72 -5.29 0.00	37.24 -4.79 0.00	37.82 -5.01 0.00	41.01 -5.12 0.00	40.98 -5.06 0.00	39.61 -4.30 0.00	36.64 -3.45 0.00	35.95 -3.73 -0.04	31.84 -3.01 -0.60	29.78 -2.95 -0.63	29.78 -2.62 -0.40
NM_ST_REGIS___HYD 24053	40.68 0.36 0.00	37.82 1.21 0.00	36.40 1.20 0.00	35.85 1.35 0.00	36.66 1.58 0.00	37.10 0.73 0.00	39.46 1.15 0.00	40.53 1.10 0.00	43.23 0.76 0.00	46.71 1.23 0.00	50.06 0.74 0.00	49.46 0.97 0.00	50.05 1.17 0.00	46.79 0.78 0.00	42.66 0.63 0.00	42.92 0.09 0.00	45.94 -0.18 0.00	45.35 -0.69 0.00	43.16 -0.75 0.00	38.72 -1.36 0.00	38.65 -0.99 -0.01	33.24 -1.10 -0.09	31.24 -0.96 -0.09	31.39 -0.67 -0.06
NORTHPORT___1 23551	42.25 1.94 0.00	38.04 1.43 0.00	36.43 1.23 0.00	35.61 1.10 0.00	36.45 1.37 0.00	37.71 1.35 0.00	40.11 1.80 0.00	42.11 2.68 0.00	45.52 3.06 0.00	50.22 3.05 -1.69	54.09 3.30 -1.47	57.90 3.06 -6.35	59.18 2.93 -7.37	58.16 2.76 -9.39	58.32 2.86 -13.43	50.01 3.34 -3.83	49.78 3.64 -0.01	49.81 3.68 -0.09	47.11 3.20 0.00	42.89 2.81 0.00	42.76 2.86 -0.27	40.88 2.26 -4.37	38.39 1.70 -4.58	36.65 1.73 -2.91
NORTHPORT___2 23552	42.25 1.94 0.00	38.04 1.43 0.00	36.43 1.23 0.00	35.61 1.10 0.00	36.45 1.37 0.00	37.71 1.35 0.00	40.11 1.80 0.00	42.11 2.68 0.00	45.52 3.06 0.00	50.22 3.05 -1.69	54.09 3.30 -1.47	57.90 3.06 -6.35	59.18 2.93 -7.37	58.16 2.76 -9.39	58.32 2.86 -13.43	50.01 3.34 -3.83	49.78 3.64 -0.01	49.81 3.68 -0.09	47.11 3.20 0.00	42.89 2.81 0.00	42.76 2.86 -0.27	40.88 2.26 -4.37	38.39 1.70 -4.58	36.65 1.73 -2.91
NORTHPORT___3 23553	42.82 2.50 0.00	38.55 1.94 0.00	36.92 1.72 0.00	36.09 1.59 0.00	36.87 1.79 0.00	38.19 1.82 0.00	40.49 2.18 0.00	42.42 2.99 0.00	45.90 3.44 0.00	50.73 3.55 -1.71	54.70 3.90 -1.49	58.64 3.73 -6.41	60.04 3.71 -7.45	58.99 3.49 -9.49	58.99 3.40 -13.56	50.48 3.77 -3.87	50.30 4.15 -0.02	50.33 4.19 -0.10	47.64 3.73 0.00	43.37 3.29 0.00	43.19 3.29 -0.27	41.36 2.74 -4.37	38.94 2.25 -4.58	37.10 2.18 -2.91
NORTHPORT___4 23650	42.82 2.50 0.00	38.55 1.94 0.00	36.92 1.72 0.00	36.09 1.59 0.00	36.87 1.79 0.00	38.19 1.82 0.00	40.49 2.18 0.00	42.42 2.99 0.00	45.90 3.44 0.00	50.73 3.55 -1.71	54.70 3.90 -1.49	58.64 3.73 -6.41	60.04 3.71 -7.45	58.99 3.49 -9.49	58.99 3.40 -13.56	50.48 3.77 -3.87	50.30 4.15 -0.02	50.33 4.19 -0.10	47.64 3.73 0.00	43.37 3.29 0.00	43.19 3.29 -0.27	41.36 2.74 -4.37	38.94 2.25 -4.58	37.10 2.18 -2.91
NORTHPORT___IC 23718	42.25 1.94 0.00	37.89 1.28 0.00	36.43 1.23 0.00	35.61 1.10 0.00	36.45 1.37 0.00	37.71 1.35 0.00	40.11 1.80 0.00	42.11 2.68 0.00	45.52 3.06 0.00	50.22 3.05 -1.69	54.09 3.30 -1.47	57.90 3.06 -6.35	59.18 2.93 -7.37	58.16 2.76 -9.39	58.31 2.86 -13.43	50.00 3.34 -3.83	49.83 3.69 -0.01	49.95 3.82 -0.09	47.11 3.21 0.00	42.89 2.81 0.00	42.75 2.85 -0.27	40.95 2.33 -4.37	38.40 1.70 -4.58	36.65 1.73 -2.91
NORTH___COUNTRY_ESR 323785	40.44 0.12 0.00	37.64 1.02 0.00	36.26 1.06 0.00	35.74 1.24 0.00	36.56 1.47 0.00	36.95 0.58 0.00	39.30 0.99 0.00	40.29 0.87 0.00	43.01 0.55 0.00	46.43 0.96 0.00	49.81 0.49 0.00	49.27 0.77 0.00	49.76 0.88 0.00	46.60 0.60 0.00	42.54 0.51 0.00	42.84 0.00 0.00	45.81 -0.32 0.00	45.16 -0.88 0.00	42.94 -0.97 0.00	38.56 -1.52 0.00	38.45 -1.19 0.00	32.98 -1.27 0.00	30.99 -1.12 0.00	31.11 -0.90 0.00
NPX_GEN_1385_PROXY 323591	41.97 1.65 0.00	38.04 1.43 0.00	36.43 1.23 0.00	35.61 1.10 0.00	36.45 1.37 0.00	37.71 1.35 0.00	40.64 2.34 0.00	42.98 3.55 0.00	46.12 3.65 0.00	50.35 3.18 -1.69	54.09 3.30 -1.47	57.85 3.01 -6.35	58.84 2.59 -7.37	57.88 2.48 -9.39	58.32 2.86 -13.43	50.30 3.64 -3.83	49.92 3.78 -0.01	50.09 3.96 -0.09	47.34 3.43 0.00	43.01 2.92 0.00	43.15 3.25 -0.27	40.78 2.16 -4.37	37.91 1.22 -4.58	36.36 1.44 -2.91
NPX_GEN_CSC 323557	42.78 2.46 0.00	38.44 1.83 0.00	36.79 1.59 0.00	35.92 1.42 0.00	37.05 1.96 0.00	38.37 2.00 0.00	40.64 2.34 0.00	42.66 3.23 0.00	46.07 3.61 0.00	50.74 3.55 -1.72	54.31 3.50 -1.49	58.23 3.30 -6.44	59.63 3.28 -7.48	58.62 3.08 -9.53	59.18 3.53 -13.62	50.70 3.98 -3.88	50.47 4.33 -0.01	50.55 4.42 -0.09	47.64 3.73 0.00	43.33 3.25 0.00	43.11 3.21 -0.27	41.33 2.71 -4.37	38.81 2.12 -4.58	37.10 2.18 -2.91
NSINS_S__GLNS_FALLS 23858	42.86 2.54 0.00	38.77 2.16 0.00	37.28 2.08 0.00	36.57 2.07 0.00	37.12 2.03 0.00	38.51 2.15 0.00	40.57 2.26 0.00	41.91 2.48 0.00	45.48 3.01 0.00	48.75 3.27 0.00	53.02 3.70 0.00	52.18 3.69 0.00	52.44 3.57 0.00	49.09 3.08 0.00	44.85 2.82 0.00	45.62 2.78 0.00	48.99 2.86 0.00	49.03 2.99 0.00	46.81 2.90 0.00	42.81 2.73 0.00	42.62 2.66 -0.33	41.86 2.26 -5.35	39.68 1.96 -5.61	37.52 1.95 -3.56
NUCOR_STEEL___DRP 24197	40.03 -0.28 0.00	36.47 -0.15 0.00	34.99 -0.21 0.00	34.30 -0.21 0.00	34.84 -0.25 0.00	36.26 -0.11 0.00	38.12 -0.19 0.00	39.19 -0.24 0.00	42.17 -0.30 0.00	45.16 -0.32 0.00	48.82 -0.49 0.00	48.01 -0.48 0.00	48.39 -0.49 0.00	45.64 -0.37 0.00	41.53 -0.50 0.00	42.28 -0.56 0.00	45.58 -0.55 0.00	45.58 -0.46 0.00	43.51 -0.40 0.00	39.81 -0.28 0.00	39.31 -0.36 -0.03	34.44 -0.31 -0.50	32.31 -0.32 -0.52	32.05 -0.29 -0.33
NUMBER_THREE_WT_PWR 323818	40.16 -0.16 0.00	36.80 0.18 0.00	35.41 0.21 0.00	34.99 0.48 0.00	35.65 0.56 0.00	36.84 0.47 0.00	38.96 0.65 0.00	40.21 0.79 0.00	43.10 0.64 0.00	46.43 0.96 0.00	50.10 0.79 0.00	49.12 0.63 0.00	49.51 0.63 0.00	46.51 0.51 0.00	42.33 0.30 0.00	43.09 0.26 0.00	46.41 0.28 0.00	46.27 0.23 0.00	44.13 0.22 0.00	39.76 -0.32 0.00	39.41 -0.24 -0.01	33.99 -0.41 -0.15	31.92 -0.35 -0.16	31.76 -0.35 -0.10
NYISO_LBMP_REFERENCE 24008	40.32 0.00 0.00	36.61 0.00 0.00	35.20 0.00 0.00	34.50 0.00 0.00	35.09 0.00 0.00	36.37 0.00 0.00	38.31 0.00 0.00	39.43 0.00 0.00	42.46 0.00 0.00	45.48 0.00 0.00	49.32 0.00 0.00	48.49 0.00 0.00	48.88 0.00 0.00	46.01 0.00 0.00	42.03 0.00 0.00	42.84 0.00 0.00	46.13 0.00 0.00	46.04 0.00 0.00	43.91 0.00 0.00	40.09 0.00 0.00	39.64 0.00 0.00	34.25 0.00 0.00	32.11 0.00 0.00	32.01 0.00 0.00

NYPA_BRENTWD____GT 24164	42.78 2.46 0.00	38.48 1.87 0.00	36.82 1.62 0.00	35.99 1.48 0.00	36.84 1.75 0.00	38.15 1.78 0.00	40.49 2.18 0.00	42.54 3.11 0.00	45.99 3.52 0.00	50.86 3.64 -1.74	54.83 3.99 -1.52	58.83 3.79 -6.55	60.19 3.71 -7.60	59.19 3.49 -9.69	59.41 3.53 -13.85	50.68 3.90 -3.95	50.38 4.24 -0.01	50.41 4.28 -0.09	47.64 3.73 0.00	43.37 3.29 0.00	43.19 3.29 -0.27	41.33 2.71 -4.37	38.81 2.12 -4.58	37.03 2.11 -2.91
NYPA_GOWANUS____GT5 24156	42.83 2.50 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.01 1.64 0.00	39.88 1.57 0.00	41.40 1.97 0.00	44.76 2.29 0.00	47.93 2.45 0.00	52.33 3.01 0.00	51.50 3.01 0.00	51.91 3.03 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.95 2.33 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
NYPA_GOWANUS____GT6 24157	42.83 2.50 -0.01	38.63 2.01 -0.01	37.14 1.93 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.01 1.64 0.00	39.88 1.57 0.00	41.40 1.97 0.00	44.76 2.29 0.00	47.93 2.45 0.00	52.33 3.01 0.00	51.50 3.01 0.00	51.91 3.03 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.17 3.13 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.95 2.33 -4.37	39.04 2.34 -4.59	37.07 2.14 -2.92
NYPA_HARLEM__RVR__GT1 24160	42.42 2.10 -0.01	38.31 1.69 -0.01	37.00 1.79 -0.01	36.27 1.76 -0.01	36.88 1.79 -0.01	37.89 1.53 0.00	39.73 1.42 0.00	41.31 1.89 0.01	44.75 2.29 0.01	47.88 2.41 0.01	52.22 2.91 0.01	51.40 2.91 0.01	51.80 2.93 0.01	48.71 2.71 0.01	44.63 2.61 0.01	45.61 2.78 0.01	49.17 3.04 0.01	49.02 2.99 0.01	46.62 2.72 0.01	42.48 2.40 0.01	42.23 2.34 -0.26	41.05 2.43 -4.37	39.21 2.51 -4.59	37.17 2.24 -2.92
NYPA_HARLEM__RVR__GT2 24161	42.42 2.10 -0.01	38.31 1.69 -0.01	37.00 1.79 -0.01	36.27 1.76 -0.01	36.88 1.79 -0.01	37.89 1.53 0.00	39.73 1.42 0.00	41.31 1.89 0.01	44.75 2.29 0.01	47.88 2.41 0.01	52.22 2.91 0.01	51.40 2.91 0.01	51.80 2.93 0.01	48.71 2.71 0.01	44.63 2.61 0.01	45.61 2.78 0.01	49.17 3.04 0.01	49.02 2.99 0.01	46.62 2.72 0.01	42.48 2.40 0.01	42.23 2.34 -0.26	41.05 2.43 -4.37	39.21 2.51 -4.59	37.17 2.24 -2.92
NYPA_KENT____GT 24152	42.74 2.42 -0.01	38.56 1.94 -0.01	37.07 1.86 -0.01	36.30 1.79 -0.01	36.92 1.82 -0.01	38.01 1.64 0.00	39.92 1.61 0.00	41.47 2.05 0.00	44.88 2.42 0.00	48.02 2.55 0.00	52.43 3.11 0.00	51.60 3.11 0.00	52.01 3.13 0.00	48.91 2.90 0.00	44.80 2.77 0.00	45.79 2.95 0.00	49.36 3.23 0.00	49.21 3.17 0.00	46.81 2.90 0.00	42.65 2.57 0.00	42.40 2.50 -0.27	40.98 2.36 -4.37	39.04 2.34 -4.59	37.04 2.11 -2.92
NYPA_POUCH1____GT 24155	42.94 2.62 -0.01	38.71 2.09 -0.01	37.25 2.04 -0.01	36.44 1.93 -0.01	37.06 1.96 -0.01	38.08 1.71 0.00	39.88 1.57 0.00	41.32 1.89 0.00	44.63 2.16 0.00	47.75 2.27 0.00	52.13 2.81 0.00	51.31 2.81 0.00	51.76 2.88 0.00	48.63 2.62 0.00	44.55 2.52 0.00	45.58 2.74 0.00	49.17 3.04 0.00	49.03 2.99 0.00	46.63 2.72 0.00	42.49 2.40 0.00	42.24 2.34 -0.27	40.92 2.30 -4.37	39.04 2.34 -4.59	37.10 2.18 -2.92
NYPA_VERNON____GT2 24162	42.62 2.30 -0.01	38.45 1.83 -0.01	37.00 1.79 -0.01	36.20 1.69 -0.01	36.85 1.75 -0.01	37.97 1.60 0.00	39.92 1.61 0.00	41.55 2.13 0.00	44.97 2.50 0.00	48.11 2.64 0.00	52.52 3.20 0.00	51.64 3.15 0.00	52.05 3.18 0.00	48.95 2.95 0.00	44.85 2.82 0.00	45.88 3.04 0.00	49.41 3.28 0.00	49.26 3.22 0.00	46.85 2.94 0.00	42.69 2.60 0.00	42.48 2.57 -0.27	40.98 2.36 -4.37	39.02 2.31 -4.59	37.01 2.08 -2.92
NYPA_VERNON____GT3 24163	42.62 2.30 -0.01	38.45 1.83 -0.01	37.00 1.79 -0.01	36.20 1.69 -0.01	36.85 1.75 -0.01	37.97 1.60 0.00	39.92 1.61 0.00	41.55 2.13 0.00	44.97 2.50 0.00	48.11 2.64 0.00	52.52 3.20 0.00	51.64 3.15 0.00	52.05 3.18 0.00	48.95 2.95 0.00	44.85 2.82 0.00	45.88 3.04 0.00	49.41 3.28 0.00	49.26 3.22 0.00	46.85 2.94 0.00	42.69 2.60 0.00	42.48 2.57 -0.27	40.98 2.36 -4.37	39.02 2.31 -4.59	37.01 2.08 -2.92
NYPA__ASTORIA_CC1 323568	42.62 2.30 -0.01	38.45 1.83 -0.01	37.00 1.79 -0.01	36.20 1.69 -0.01	36.85 1.75 -0.01	37.93 1.56 0.00	39.88 1.57 0.00	41.47 2.05 0.00	44.93 2.46 0.00	48.07 2.59 0.00	52.43 3.11 0.00	51.60 3.11 0.00	52.01 3.13 0.00	48.91 2.90 0.00	44.80 2.77 0.00	45.79 2.95 0.00	49.36 3.23 0.00	49.21 3.17 0.00	46.81 2.90 0.00	42.65 2.57 0.00	42.40 2.50 -0.27	40.98 2.36 -4.37	39.04 2.34 -4.59	37.01 2.08 -2.92
NYPA__ASTORIA_CC2 323569	42.62 2.30 -0.01	38.45 1.83 -0.01	37.00 1.79 -0.01	36.20 1.69 -0.01	36.85 1.75 -0.01	37.93 1.56 0.00	39.88 1.57 0.00	41.47 2.05 0.00	44.93 2.46 0.00	48.07 2.59 0.00	52.43 3.11 0.00	51.60 3.11 0.00	52.01 3.13 0.00	48.91 2.90 0.00	44.80 2.77 0.00	45.79 2.95 0.00	49.36 3.23 0.00	49.21 3.17 0.00	46.81 2.90 0.00	42.65 2.57 0.00	42.40 2.50 -0.27	40.98 2.36 -4.37	39.04 2.34 -4.59	37.01 2.08 -2.92
NYPA__HOLTSVILL 23794	42.61 2.30 0.00	38.33 1.72 0.00	36.68 1.48 0.00	35.81 1.31 0.00	36.74 1.65 0.00	38.04 1.67 0.00	40.38 2.07 0.00	42.34 2.92 0.00	45.78 3.31 0.00	50.60 3.41 -1.71	54.46 3.65 -1.49	58.37 3.44 -6.43	59.76 3.42 -7.47	58.74 3.22 -9.51	58.95 3.32 -13.60	50.40 3.68 -3.88	50.15 4.01 -0.01	50.18 4.05 -0.09	47.42 3.51 0.00	43.13 3.05 0.00	42.95 3.05 -0.27	41.16 2.53 -4.37	38.69 1.99 -4.58	36.90 1.99 -2.91
NYPA__HELLGATE_GT1 24158	42.46 2.14 -0.01	38.34 1.72 -0.01	37.00 1.79 -0.01	36.24 1.72 -0.01	36.85 1.75 -0.01	37.86 1.49 0.00	39.65 1.34 0.00	41.31 1.89 0.01	44.75 2.29 0.01	47.92 2.45 0.01	52.27 2.96 0.01	51.40 2.91 0.01	51.85 2.98 0.01	48.76 2.76 0.01	44.63 2.61 0.01	45.65 2.83 0.01	49.21 3.09 0.01	49.07 3.04 0.01	46.67 2.77 0.01	42.48 2.40 0.01	42.31 2.42 -0.26	41.05 2.43 -4.37	39.21 2.51 -4.59	37.17 2.24 -2.92
NYPA__HELLGATE_GT2 24159	42.46 2.14 -0.01	38.34 1.72 -0.01	37.00 1.79 -0.01	36.24 1.72 -0.01	36.85 1.75 -0.01	37.86 1.49 0.00	39.65 1.34 0.00	41.31 1.89 0.01	44.75 2.29 0.01	47.92 2.45 0.01	52.27 2.96 0.01	51.40 2.91 0.01	51.85 2.98 0.01	48.76 2.76 0.01	44.63 2.61 0.01	45.65 2.83 0.01	49.21 3.09 0.01	49.07 3.04 0.01	46.67 2.77 0.01	42.48 2.40 0.01	42.31 2.42 -0.26	41.05 2.43 -4.37	39.21 2.51 -4.59	37.17 2.24 -2.92
NYS_BARGE__HYD 23848	37.05 -3.26 0.00	34.49 -2.12 0.00	32.77 -2.43 0.00	32.12 -2.38 0.00	32.70 -2.39 0.00	34.40 -1.96 0.00	36.05 -2.26 0.00	36.55 -2.88 0.00	39.15 -3.31 0.00	41.57 -3.91 0.00	44.34 -4.98 0.00	43.35 -5.14 0.00	43.55 -5.33 0.00	41.59 -4.42 0.00	37.99 -4.04 0.00	38.59 -4.24 0.00	41.84 -4.29 0.00	41.90 -4.14 0.00	40.35 -3.56 0.00	37.36 -2.73 0.00	36.54 -3.13 -0.03	32.27 -2.57 -0.58	30.12 -2.60 -0.61	30.13 -2.27 -0.39

OAK ORCHARD___HYD 24046	38.26 -2.05 0.00	35.26 -1.35 0.00	33.65 -1.55 0.00	32.99 -1.52 0.00	33.54 -1.54 0.00	35.13 -1.24 0.00	36.93 -1.38 0.00	37.73 -1.69 0.00	40.51 -1.95 0.00	43.11 -2.37 0.00	46.36 -2.96 0.00	45.49 -3.01 0.00	45.80 -3.08 0.00	43.43 -2.58 0.00	39.68 -2.35 0.00	40.35 -2.49 0.00	43.59 -2.54 0.00	43.60 -2.44 0.00	41.80 -2.11 0.00	38.44 -1.65 0.00	38.08 -1.59 -0.03	33.51 -1.23 -0.49	31.37 -1.25 -0.51	31.18 -1.15 -0.33
OAKDALE___35_KV_LOAD 356122	40.24 -0.08 0.00	36.65 0.04 0.00	35.16 -0.04 0.00	34.47 -0.03 0.00	35.05 -0.04 0.00	36.44 0.07 0.00	38.42 0.11 0.00	39.54 0.12 0.00	42.59 0.13 0.00	45.57 0.09 0.00	49.32 0.00 0.00	48.45 -0.05 0.00	48.83 -0.05 0.00	46.05 0.05 0.00	41.95 -0.08 0.00	42.71 -0.13 0.00	46.13 0.00 0.00	46.13 0.09 0.00	44.04 0.13 0.00	40.29 0.20 0.00	39.64 -0.08 -0.08	35.48 -0.10 -1.34	33.32 -0.19 -1.40	32.70 -0.19 -0.89
OCC_CHEM___DRP 24175	36.49 -3.83 0.00	34.05 -2.56 0.00	32.31 -2.89 0.00	31.67 -2.83 0.00	32.24 -2.84 0.00	33.93 -2.44 0.00	35.51 -2.80 0.00	35.92 -3.51 0.00	38.47 -3.99 0.00	40.70 -4.78 0.00	43.45 -5.87 0.00	42.48 -6.01 0.00	42.72 -6.16 0.00	40.81 -5.20 0.00	37.32 -4.71 0.00	37.91 -4.93 0.00	41.10 -5.03 0.00	41.07 -4.97 0.00	39.69 -4.22 0.00	36.68 -3.41 0.00	36.03 -3.65 -0.04	31.90 -2.95 -0.60	29.82 -2.92 -0.63	29.85 -2.56 -0.40
OH_GEN_PROXY 24063	36.74 -3.51 0.07	34.31 -2.31 0.00	32.56 -2.64 0.00	31.95 -2.55 0.00	32.49 -2.60 0.00	34.19 -2.18 0.00	35.82 -2.49 0.00	36.31 -3.12 0.00	38.94 -3.52 0.00	41.25 -4.23 0.00	43.99 -5.33 0.00	43.01 -5.48 0.00	43.26 -5.62 0.00	41.27 -4.74 0.00	37.79 -4.24 0.00	38.42 -4.41 0.00	41.61 -4.52 0.00	41.67 -4.37 0.00	40.13 -3.78 0.00	37.12 -2.97 0.00	36.38 -3.29 -0.03	32.18 -2.67 -0.60	30.04 -2.70 -0.62	30.00 -2.40 -0.40
OLIN_CORP_DRP 24177	36.45 -3.87 0.00	34.01 -2.60 0.00	32.28 -2.92 0.00	31.67 -2.83 0.00	32.21 -2.88 0.00	33.89 -2.47 0.00	35.51 -2.80 0.00	35.92 -3.51 0.00	38.51 -3.95 0.00	40.70 -4.78 0.00	43.50 -5.82 0.00	42.53 -5.96 0.00	42.77 -6.11 0.00	40.81 -5.20 0.00	37.32 -4.71 0.00	37.91 -4.93 0.00	41.10 -5.03 0.00	41.11 -4.93 0.00	39.69 -4.22 0.00	36.72 -3.37 0.00	35.95 -3.73 -0.04	31.84 -3.01 -0.60	29.76 -2.99 -0.63	29.75 -2.66 -0.40
OLIN_CORP_DSASP 323712	36.49 -3.83 0.00	34.05 -2.56 0.00	32.31 -2.89 0.00	31.67 -2.83 0.00	32.25 -2.84 0.00	33.93 -2.44 0.00	35.51 -2.79 0.00	35.92 -3.51 0.00	38.47 -3.99 0.00	40.79 -4.68 0.00	43.45 -5.87 0.00	42.53 -5.97 0.00	42.76 -6.11 0.00	40.81 -5.20 0.00	37.32 -4.71 0.00	38.00 -4.84 0.00	41.15 -4.98 0.00	41.11 -4.93 0.00	39.65 -4.26 0.00	36.68 -3.41 0.00	36.02 -3.65 -0.03	31.90 -2.95 -0.60	29.82 -2.92 -0.63	29.84 -2.56 -0.40
ONEIDA_HERK_LFGE 323681	40.76 0.44 0.00	37.16 0.55 0.00	35.76 0.56 0.00	35.16 0.65 0.00	35.75 0.66 0.00	37.06 0.69 0.00	39.11 0.81 0.00	40.41 0.99 0.00	43.44 0.98 0.00	46.71 1.23 0.00	50.55 1.23 0.00	49.61 1.12 0.00	50.05 1.17 0.00	47.07 1.06 0.00	42.83 0.80 0.00	43.61 0.77 0.00	47.00 0.87 0.00	46.82 0.78 0.00	44.65 0.75 0.00	40.53 0.44 0.00	40.12 0.48 -0.01	34.65 0.27 -0.13	32.50 0.26 -0.14	32.32 0.23 -0.09
ONEIDA___115KV_TB4 55905	41.08 0.77 0.00	37.42 0.81 0.00	35.97 0.77 0.00	35.26 0.76 0.00	35.86 0.77 0.00	37.28 0.91 0.00	39.30 1.00 0.00	40.53 1.10 0.00	43.61 1.15 0.00	46.84 1.36 0.00	50.75 1.43 0.00	49.80 1.31 0.00	50.24 1.37 0.00	47.30 1.29 0.00	43.04 1.01 0.00	43.82 0.99 0.00	47.24 1.11 0.00	47.10 1.06 0.00	44.92 1.01 0.00	40.93 0.84 0.00	40.48 0.83 -0.01	35.11 0.62 -0.24	32.91 0.55 -0.25	32.68 0.51 -0.16
ONONDAGA_REF_OCCRA 23987	39.83 -0.48 0.00	36.25 -0.37 0.00	34.78 -0.42 0.00	34.09 -0.41 0.00	34.66 -0.42 0.00	36.04 -0.33 0.00	37.96 -0.34 0.00	38.95 -0.47 0.00	41.95 -0.51 0.00	44.93 -0.55 0.00	48.63 -0.69 0.00	47.82 -0.68 0.00	48.19 -0.68 0.00	45.41 -0.60 0.00	41.40 -0.63 0.00	42.15 -0.69 0.00	45.44 -0.69 0.00	45.40 -0.64 0.00	43.29 -0.61 0.00	39.56 -0.52 0.00	39.11 -0.55 -0.03	34.22 -0.48 -0.45	32.10 -0.48 -0.47	31.86 -0.45 -0.30
ONONDAGA___COGEN 23986	39.87 -0.44 0.00	36.28 -0.33 0.00	34.81 -0.39 0.00	34.16 -0.35 0.00	34.70 -0.39 0.00	36.08 -0.29 0.00	37.96 -0.34 0.00	38.95 -0.47 0.00	41.95 -0.51 0.00	44.98 -0.50 0.00	48.68 -0.64 0.00	47.86 -0.63 0.00	48.24 -0.64 0.00	45.46 -0.55 0.00	41.40 -0.63 0.00	42.15 -0.69 0.00	45.39 -0.74 0.00	45.35 -0.69 0.00	43.25 -0.66 0.00	39.52 -0.56 0.00	39.11 -0.55 -0.03	34.19 -0.48 -0.41	32.10 -0.45 -0.43	31.87 -0.42 -0.28
ONTARIO___LFGE 23819	39.63 -0.69 0.00	36.28 -0.33 0.00	34.74 -0.46 0.00	34.09 -0.41 0.00	34.63 -0.46 0.00	36.19 -0.18 0.00	38.12 -0.19 0.00	39.23 -0.20 0.00	42.17 -0.30 0.00	45.02 -0.45 0.00	48.58 -0.74 0.00	47.62 -0.87 0.00	48.00 -0.88 0.00	45.36 -0.64 0.00	41.23 -0.80 0.00	41.93 -0.90 0.00	45.35 -0.78 0.00	45.44 -0.60 0.00	43.47 -0.44 0.00	39.81 -0.28 0.00	39.12 -0.55 -0.04	34.32 -0.51 -0.59	32.08 -0.64 -0.61	31.79 -0.61 -0.39
ORANGEVILLE_WT_PWR 323706	38.10 -2.22 0.00	35.33 -1.28 0.00	33.69 -1.51 0.00	33.05 -1.45 0.00	33.61 -1.47 0.00	35.28 -1.09 0.00	37.01 -1.30 0.00	37.69 -1.73 0.00	40.47 -2.00 0.00	43.02 -2.46 0.00	46.11 -3.20 0.00	45.10 -3.40 0.00	45.36 -3.52 0.00	43.11 -2.90 0.00	39.25 -2.78 0.00	39.84 -3.00 0.00	43.18 -2.95 0.00	43.28 -2.76 0.00	41.54 -2.37 0.00	38.32 -1.76 0.00	37.18 -2.50 -0.04	32.83 -2.16 -0.73	30.66 -2.22 -0.77	30.48 -2.02 -0.49
ORANGEVILLE___ESR 323794	38.10 -2.22 0.00	35.33 -1.28 0.00	33.69 -1.51 0.00	33.05 -1.45 0.00	33.61 -1.47 0.00	35.28 -1.09 0.00	37.01 -1.30 0.00	37.69 -1.73 0.00	40.47 -2.00 0.00	43.02 -2.46 0.00	46.11 -3.20 0.00	45.10 -3.40 0.00	45.36 -3.52 0.00	43.11 -2.90 0.00	39.25 -2.78 0.00	39.84 -3.00 0.00	43.18 -2.95 0.00	43.28 -2.76 0.00	41.54 -2.37 0.00	38.32 -1.76 0.00	37.18 -2.50 -0.04	32.83 -2.16 -0.73	30.66 -2.22 -0.77	30.48 -2.02 -0.49
OSWEGATCHIE___HYD 24044	40.16 -0.16 0.00	37.05 0.44 0.00	35.66 0.46 0.00	35.16 0.65 0.00	35.86 0.77 0.00	36.66 0.29 0.00	38.88 0.58 0.00	40.05 0.63 0.00	42.80 0.34 0.00	46.16 0.68 0.00	49.66 0.35 0.00	48.88 0.39 0.00	49.31 0.44 0.00	46.24 0.23 0.00	42.07 0.04 0.00	42.62 -0.21 0.00	45.76 -0.37 0.00	45.40 -0.64 0.00	43.29 -0.61 0.00	38.96 -1.12 0.00	38.73 -0.91 -0.01	33.38 -0.99 -0.13	31.38 -0.87 -0.13	31.36 -0.73 -0.09
OSWEGO___5 23606	39.23 -1.09 0.00	35.73 -0.88 0.00	34.28 -0.92 0.00	33.61 -0.90 0.00	34.17 -0.91 0.00	35.49 -0.87 0.00	37.39 -0.92 0.00	38.28 -1.14 0.00	41.19 -1.27 0.00	44.11 -1.36 0.00	47.74 -1.58 0.00	46.94 -1.55 0.00	47.31 -1.57 0.00	44.58 -1.43 0.00	40.68 -1.35 0.00	41.42 -1.41 0.00	44.65 -1.48 0.00	44.56 -1.48 0.00	42.55 -1.36 0.00	38.88 -1.20 0.00	38.42 -1.23 -0.02	33.52 -1.03 -0.29	31.45 -0.96 -0.31	31.31 -0.90 -0.19

OSWEGO___6 23613	39.23 -1.09 0.00	35.73 -0.88 0.00	34.28 -0.92 0.00	33.61 -0.90 0.00	34.17 -0.91 0.00	35.49 -0.87 0.00	37.39 -0.92 0.00	38.28 -1.14 0.00	41.19 -1.27 0.00	44.11 -1.36 0.00	47.74 -1.58 0.00	46.94 -1.55 0.00	47.31 -1.57 0.00	44.58 -1.43 0.00	40.68 -1.35 0.00	41.42 -1.41 0.00	44.65 -1.48 0.00	44.56 -1.48 0.00	42.55 -1.36 0.00	38.88 -1.20 0.00	38.42 -1.23 -0.02	33.52 -1.03 -0.29	31.45 -0.96 -0.31	31.31 -0.90 -0.19
OUTOKUMPU-AB___DRP 24206	37.45 -2.86 0.00	34.86 -1.76 0.00	33.16 -2.04 0.00	32.50 -2.00 0.00	33.05 -2.03 0.00	34.77 -1.60 0.00	36.39 -1.92 0.00	36.90 -2.52 0.00	39.58 -2.89 0.00	41.98 -3.50 0.00	44.88 -4.44 0.00	43.84 -4.66 0.00	44.09 -4.79 0.00	42.10 -3.91 0.00	38.42 -3.61 0.00	38.94 -3.90 0.00	42.25 -3.87 0.00	42.31 -3.73 0.00	40.83 -3.07 0.00	37.76 -2.32 0.00	36.82 -2.85 -0.04	32.53 -2.33 -0.61	30.37 -2.38 -0.64	30.33 -2.08 -0.41
OXBOW___BTM 323836	37.01 -3.31 0.00	34.53 -2.09 0.00	32.81 -2.39 0.00	32.12 -2.38 0.00	32.70 -2.39 0.00	34.40 -1.96 0.00	36.01 -2.30 0.00	36.47 -2.96 0.00	39.11 -3.36 0.00	41.52 -3.96 0.00	44.29 -5.03 0.00	43.31 -5.19 0.00	43.50 -5.38 0.00	41.55 -4.46 0.00	37.95 -4.08 0.00	38.59 -4.24 0.00	41.79 -4.34 0.00	41.81 -4.23 0.00	40.31 -3.60 0.00	37.28 -2.81 0.00	36.50 -3.17 -0.03	32.29 -2.57 -0.60	30.14 -2.60 -0.63	30.14 -2.27 -0.40
OXBOW____ 24026	37.01 -3.31 0.00	34.53 -2.09 0.00	32.81 -2.39 0.00	32.12 -2.38 0.00	32.70 -2.39 0.00	34.40 -1.96 0.00	36.01 -2.30 0.00	36.47 -2.96 0.00	39.11 -3.35 0.00	41.43 -4.05 0.00	44.29 -5.03 0.00	43.26 -5.24 0.00	43.50 -5.38 0.00	41.55 -4.46 0.00	37.95 -4.08 0.00	38.51 -4.33 0.00	41.75 -4.38 0.00	41.76 -4.28 0.00	40.31 -3.60 0.00	37.28 -2.81 0.00	36.50 -3.17 -0.04	32.29 -2.57 -0.60	30.14 -2.60 -0.63	30.14 -2.27 -0.40
OXY_CHEM_DSASP 323612	36.49 -3.83 0.00	34.05 -2.56 0.00	32.31 -2.89 0.00	31.67 -2.83 0.00	32.24 -2.84 0.00	33.93 -2.44 0.00	35.51 -2.80 0.00	35.92 -3.51 0.00	38.47 -3.99 0.00	40.70 -4.78 0.00	43.45 -5.87 0.00	42.48 -6.01 0.00	42.72 -6.16 0.00	40.81 -5.20 0.00	37.32 -4.71 0.00	37.91 -4.93 0.00	41.10 -5.03 0.00	41.07 -4.97 0.00	39.69 -4.22 0.00	36.68 -3.41 0.00	36.03 -3.65 -0.04	31.90 -2.95 -0.60	29.82 -2.92 -0.63	29.85 -2.56 -0.40
OZONE_PARK_ESR 323760	42.61 2.30 0.00	38.44 1.83 0.00	37.00 1.80 0.00	36.19 1.69 0.00	36.84 1.75 0.00	38.04 1.67 0.00	40.18 1.88 0.00	41.83 2.40 0.00	45.31 2.85 0.00	48.48 3.00 0.00	52.87 3.55 0.00	51.99 3.49 0.00	52.39 3.52 0.00	49.27 3.27 0.00	45.14 3.11 0.00	46.18 3.34 0.00	49.73 3.60 0.00	49.63 3.59 0.00	47.20 3.29 0.00	43.01 2.93 0.00	42.79 2.89 -0.27	41.19 2.57 -4.37	39.07 2.38 -4.58	37.03 2.11 -2.91
PACKARD_I15_KV_ADAMS_I87_REV_LBMP_A 345013	36.49 -3.83 0.00	34.05 -2.56 0.00	32.31 -2.89 0.00	31.67 -2.83 0.00	32.24 -2.84 0.00	33.93 -2.44 0.00	35.51 -2.80 0.00	35.92 -3.51 0.00	38.47 -3.99 0.00	40.70 -4.78 0.00	43.45 -5.87 0.00	42.48 -6.01 0.00	42.72 -6.16 0.00	40.81 -5.20 0.00	37.32 -4.71 0.00	37.91 -4.93 0.00	41.10 -5.03 0.00	41.07 -4.97 0.00	39.69 -4.22 0.00	36.68 -3.41 0.00	36.03 -3.65 -0.04	31.90 -2.95 -0.60	29.82 -2.92 -0.63	29.85 -2.56 -0.40
PACKARD___I15KV_DUPONT_I84 80571	36.49 -3.83 0.00	34.05 -2.56 0.00	32.31 -2.89 0.00	31.67 -2.83 0.00	32.24 -2.84 0.00	33.93 -2.44 0.00	35.51 -2.80 0.00	35.92 -3.51 0.00	38.47 -3.99 0.00	40.70 -4.78 0.00	43.45 -5.87 0.00	42.48 -6.01 0.00	42.72 -6.16 0.00	40.81 -5.20 0.00	37.32 -4.71 0.00	37.91 -4.93 0.00	41.10 -5.03 0.00	41.07 -4.97 0.00	39.69 -4.22 0.00	36.68 -3.41 0.00	36.03 -3.65 -0.04	31.90 -2.95 -0.60	29.82 -2.92 -0.63	29.85 -2.56 -0.40
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	42.54 2.22 -0.01	38.41 1.79 -0.01	37.00 1.80 -0.01	36.27 1.76 -0.01	36.88 1.79 -0.01	37.90 1.53 0.00	39.73 1.42 0.00	41.32 1.89 0.00	44.71 2.25 0.00	47.84 2.36 0.00	52.23 2.91 0.00	51.36 2.86 0.00	51.81 2.93 0.00	48.68 2.67 0.00	44.59 2.56 0.00	45.62 2.78 0.00	49.13 3.00 0.00	49.03 2.99 0.00	46.59 2.68 0.00	42.45 2.37 0.00	42.24 2.34 -0.27	40.92 2.29 -4.37	39.11 2.41 -4.59	37.10 2.18 -2.92
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	42.78 2.46 -0.01	38.63 2.01 -0.01	37.21 2.01 -0.01	36.48 1.97 -0.01	37.09 2.00 -0.01	38.11 1.75 0.00	39.96 1.65 0.00	41.56 2.13 0.00	44.97 2.51 0.00	48.07 2.59 0.00	52.42 3.11 0.00	51.55 3.06 0.00	52.00 3.13 0.00	48.91 2.90 0.00	44.80 2.77 0.00	45.83 3.00 0.00	49.36 3.23 0.00	49.22 3.18 0.00	46.85 2.94 0.00	42.69 2.61 0.00	42.44 2.54 -0.27	41.12 2.50 -4.37	39.30 2.60 -4.59	37.30 2.37 -2.92
PATROON___I15KV_TB1 80586	41.69 1.37 0.00	37.75 1.13 0.00	36.36 1.16 0.00	35.64 1.14 0.00	36.24 1.16 0.00	37.46 1.09 0.00	39.23 0.92 0.00	40.49 1.06 0.00	43.48 1.02 0.00	46.52 1.05 0.00	50.60 1.28 0.00	49.80 1.31 0.00	50.15 1.27 0.00	47.11 1.10 0.00	43.12 1.09 0.00	43.95 1.11 0.00	47.19 1.06 0.00	47.10 1.06 0.00	44.96 1.05 0.00	41.37 1.28 0.00	41.26 1.31 -0.32	40.65 1.16 -5.23	38.82 1.22 -5.49	36.68 1.18 -3.49
PATTRSNVILLE___SOLAR 323815	41.65 1.33 0.00	37.71 1.10 0.00	36.29 1.09 0.00	35.57 1.07 0.00	36.14 1.05 0.00	37.46 1.09 0.00	39.50 1.19 0.00	40.77 1.34 0.00	44.04 1.57 0.00	47.11 1.63 0.00	51.09 1.77 0.00	50.24 1.74 0.00	50.54 1.66 0.00	47.48 1.47 0.00	43.46 1.43 0.00	44.38 1.54 0.00	47.84 1.71 0.00	47.83 1.79 0.00	45.62 1.71 0.00	41.65 1.56 0.00	41.51 1.54 -0.33	41.08 1.33 -5.49	39.02 1.15 -5.75	36.75 1.09 -3.66
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	38.30 -2.02 0.00	35.59 -1.03 0.00	33.90 -1.30 0.00	33.19 -1.31 0.00	33.79 -1.30 0.00	35.49 -0.87 0.00	37.27 -1.03 0.00	37.81 -1.62 0.00	40.55 -1.91 0.00	43.02 -2.46 0.00	46.11 -3.21 0.00	45.10 -3.39 0.00	45.31 -3.57 0.00	43.16 -2.85 0.00	39.34 -2.69 0.00	39.88 -2.96 0.00	43.36 -2.77 0.00	43.55 -2.49 0.00	41.98 -1.93 0.00	38.76 -1.32 0.00	36.58 -3.09 -0.04	32.07 -2.84 -0.66	29.85 -2.95 -0.69	29.73 -2.72 -0.44
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	42.41 2.10 0.00	38.22 1.61 0.00	36.78 1.58 0.00	36.06 1.55 0.00	36.63 1.54 0.00	37.86 1.49 0.00	39.96 1.65 0.00	41.52 2.09 0.00	45.14 2.68 0.00	48.43 2.96 0.00	52.72 3.40 0.00	51.74 3.25 0.00	52.05 3.18 0.00	49.00 2.99 0.00	44.76 2.73 0.00	45.83 3.00 0.00	49.36 3.23 0.00	49.22 3.18 0.00	46.81 2.90 0.00	42.53 2.45 0.00	42.32 2.42 -0.27	40.78 2.12 -4.41	38.69 1.96 -4.62	36.74 1.79 -2.94
PEEKSKILL____ 23653	42.09 1.77 0.00	37.97 1.36 0.00	36.54 1.34 0.00	35.78 1.28 0.00	36.38 1.30 0.00	37.61 1.24 0.00	39.73 1.42 0.00	41.32 1.89 0.00	44.71 2.25 0.00	47.93 2.45 0.00	52.18 2.86 0.00	51.31 2.81 0.00	51.66 2.78 0.00	48.58 2.57 0.00	44.47 2.44 0.00	45.45 2.61 0.00	48.99 2.86 0.00	48.94 2.90 0.00	46.54 2.63 0.00	42.41 2.32 0.00	42.20 2.30 -0.26	40.57 1.99 -4.34	38.45 1.80 -4.54	36.49 1.60 -2.89

PGE MADISON___WINDPWR 24146	42.82 2.50 0.00	39.03 2.42 0.00	37.49 2.29 0.00	36.64 2.14 0.00	37.23 2.14 0.00	38.99 2.62 0.00	41.18 2.87 0.00	42.74 3.31 0.00	45.95 3.48 0.00	49.62 4.14 0.00	53.76 4.44 0.00	52.61 4.12 0.00	53.22 4.35 0.00	50.15 4.14 0.00	45.35 3.32 0.00	46.22 3.38 0.00	49.91 3.78 0.00	49.82 3.78 0.00	47.46 3.55 0.00	43.25 3.17 0.00	42.69 2.97 -0.08	37.83 2.30 -1.28	35.45 1.99 -1.34	34.68 1.82 -0.85
PIERCEFIELD___HYD 23852	40.64 0.32 0.00	37.75 1.13 0.00	36.33 1.13 0.00	35.78 1.28 0.00	36.56 1.47 0.00	37.02 0.65 0.00	39.38 1.07 0.00	40.45 1.03 0.00	43.14 0.68 0.00	46.62 1.14 0.00	49.96 0.64 0.00	49.37 0.87 0.00	49.90 1.03 0.00	46.65 0.64 0.00	42.53 0.50 0.00	42.84 0.00 0.00	45.85 -0.28 0.00	45.26 -0.78 0.00	43.07 -0.83 0.00	38.64 -1.44 0.00	38.61 -1.03 -0.01	33.21 -1.13 -0.09	31.24 -0.96 -0.10	31.40 -0.67 -0.06
PINELAWN_CC_1 323563	42.65 2.34 0.00	38.37 1.76 0.00	36.75 1.55 0.00	35.88 1.38 0.00	36.70 1.61 0.00	38.01 1.64 0.00	40.34 2.03 0.00	42.30 2.88 0.00	45.78 3.31 0.00	50.73 3.37 -1.89	54.66 3.70 -1.64	59.09 3.49 -7.10	60.59 3.47 -8.25	59.78 3.27 -10.50	60.28 3.24 -15.02	50.75 3.64 -4.28	50.11 3.97 -0.01	50.14 4.00 -0.10	47.42 3.51 0.00	43.21 3.13 0.00	42.99 3.09 -0.27	41.19 2.57 -4.37	38.78 2.09 -4.58	36.94 2.02 -2.91
PJM_GEN_HTP_PROXY 323702	42.33 2.01 0.00	38.19 1.57 0.00	36.75 1.55 0.00	35.95 1.45 0.00	36.59 1.51 0.00	37.78 1.42 0.00	39.92 1.61 0.00	41.55 2.13 0.00	44.97 2.50 0.00	48.16 2.68 0.00	52.52 3.20 0.00	51.64 3.15 0.00	52.05 3.18 0.00	48.95 2.95 0.00	44.80 2.77 0.00	45.83 3.00 0.00	49.36 3.23 0.00	49.26 3.22 0.00	46.85 2.94 0.00	42.69 2.60 0.00	42.48 2.57 -0.27	40.88 2.26 -4.37	38.78 2.09 -4.58	36.77 1.86 -2.91
PJM_GEN_KEystone 24065	35.58 -0.53 4.21	33.69 -0.29 2.63	32.70 -0.42 2.08	32.10 -0.41 1.99	33.00 -0.42 1.67	33.20 -0.29 2.88	38.00 -0.31 0.00	39.23 -0.20 0.00	39.70 -0.21 2.55	41.19 -0.41 3.88	43.44 -0.59 5.29	44.07 -0.68 3.74	43.55 -0.68 4.64	41.92 -0.51 3.58	40.88 -0.42 0.73	42.09 -0.39 0.36	45.90 -0.23 0.00	46.04 0.00 0.00	44.00 0.09 0.00	40.25 0.16 0.00	39.52 -0.28 -0.16	36.66 -0.24 -2.65	34.47 -0.42 -2.77	33.29 -0.48 -1.76
PJM_GEN_NEPTUNE_PROXY 323594	42.25 1.94 0.00	38.00 1.39 0.00	36.43 1.23 0.00	35.61 1.10 0.00	36.38 1.30 0.00	37.64 1.27 0.00	39.92 1.61 0.00	41.83 2.41 0.00	45.27 2.80 0.00	49.89 2.82 -1.60	53.81 3.11 -1.39	57.49 3.01 -5.99	58.81 2.98 -6.96	57.63 2.76 -8.86	57.43 2.73 -12.67	49.53 3.09 -3.61	49.50 3.37 -0.01	49.53 3.41 -0.08	46.94 3.03 0.00	42.73 2.65 0.00	42.56 2.66 -0.27	40.85 2.23 -4.37	38.49 1.80 -4.58	36.61 1.70 -2.91
PJM_GEN_VFT_PROXY 323633	42.17 1.86 0.00	38.04 1.43 0.00	36.61 1.41 0.00	35.81 1.31 0.00	36.45 1.37 0.00	37.64 1.27 0.00	39.80 1.49 0.00	41.47 2.05 0.00	44.88 2.42 0.00	48.07 2.59 0.00	52.43 3.11 0.00	51.55 3.06 0.00	51.96 3.08 0.00	48.86 2.85 0.00	44.76 2.73 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.21 3.17 0.00	46.81 2.90 0.00	42.65 2.57 0.00	42.44 2.54 -0.27	40.85 2.23 -4.37	38.75 2.06 -4.58	36.68 1.76 -2.91
PLATSBURG_115KV_PMLD1 355749	41.04 0.73 0.00	38.26 1.65 0.00	36.82 1.62 0.00	36.30 1.79 0.00	37.12 2.03 0.00	37.53 1.16 0.00	39.92 1.61 0.00	40.92 1.50 0.00	43.70 1.23 0.00	47.16 1.68 0.00	50.55 1.23 0.00	50.00 1.50 0.00	50.54 1.66 0.00	47.30 1.29 0.00	43.21 1.18 0.00	43.48 0.64 0.00	46.50 0.37 0.00	45.86 -0.18 0.00	43.60 -0.31 0.00	39.16 -0.92 0.00	39.04 -0.59 0.00	33.50 -0.75 0.00	31.40 -0.71 0.00	31.53 -0.48 0.00
PLEASANTVLY___LBMP 24000	41.93 1.61 0.00	37.86 1.24 0.00	36.47 1.27 0.00	35.71 1.21 0.00	36.31 1.23 0.00	37.53 1.16 0.00	39.61 1.30 0.00	41.16 1.73 0.00	44.50 2.04 0.00	47.66 2.18 0.00	51.88 2.56 0.00	51.02 2.52 0.00	51.42 2.54 0.00	48.35 2.35 0.00	44.26 2.23 0.00	45.23 2.40 0.00	48.71 2.58 0.00	48.62 2.58 0.00	46.28 2.37 0.00	42.17 2.08 0.00	41.97 2.06 -0.28	40.55 1.78 -4.52	38.45 1.61 -4.74	36.52 1.50 -3.01
PLSNTVLE_13_KV_13.8KVDIST 80602	42.21 1.89 0.00	38.08 1.46 0.00	36.64 1.44 0.00	35.88 1.38 0.00	36.52 1.44 0.00	37.75 1.38 0.00	39.84 1.53 0.00	41.48 2.05 0.00	44.88 2.42 0.00	48.07 2.59 0.00	52.37 3.06 0.00	51.50 3.01 0.00	51.91 3.03 0.00	48.81 2.81 0.00	44.64 2.61 0.00	45.66 2.83 0.00	49.22 3.09 0.00	49.12 3.08 0.00	46.72 2.81 0.00	42.53 2.45 0.00	42.32 2.42 -0.27	40.77 2.12 -4.40	38.65 1.93 -4.61	36.66 1.73 -2.93
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	42.21 1.89 0.00	38.08 1.46 0.00	36.64 1.44 0.00	35.88 1.38 0.00	36.52 1.44 0.00	37.75 1.38 0.00	39.84 1.53 0.00	41.48 2.05 0.00	44.88 2.42 0.00	48.07 2.59 0.00	52.37 3.06 0.00	51.50 3.01 0.00	51.91 3.03 0.00	48.81 2.81 0.00	44.64 2.61 0.00	45.66 2.83 0.00	49.22 3.09 0.00	49.12 3.08 0.00	46.72 2.81 0.00	42.53 2.45 0.00	42.32 2.42 -0.27	40.77 2.12 -4.40	38.65 1.93 -4.61	36.66 1.73 -2.93
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	42.09 1.77 0.00	37.97 1.35 0.00	36.57 1.37 0.00	35.81 1.31 0.00	36.42 1.33 0.00	37.64 1.27 0.00	39.73 1.42 0.00	41.24 1.81 0.00	44.67 2.21 0.00	47.80 2.32 0.00	52.08 2.76 0.00	51.16 2.67 0.00	51.56 2.69 0.00	48.49 2.48 0.00	44.38 2.35 0.00	45.41 2.57 0.00	48.94 2.81 0.00	48.80 2.76 0.00	46.41 2.50 0.00	42.25 2.16 0.00	42.05 2.14 -0.27	40.55 1.85 -4.45	38.44 1.67 -4.66	36.57 1.60 -2.96
POLETTI___ 23519	42.37 2.06 0.00	38.22 1.61 0.00	36.78 1.58 0.00	36.02 1.52 0.00	36.63 1.54 0.00	37.79 1.42 0.00	39.92 1.61 0.00	41.56 2.13 0.00	44.93 2.46 0.00	48.07 2.59 0.00	52.42 3.11 0.00	51.55 3.06 0.00	51.95 3.08 0.00	48.86 2.85 0.00	44.80 2.77 0.00	45.79 2.96 0.00	49.31 3.18 0.00	49.22 3.18 0.00	46.81 2.90 0.00	42.69 2.61 0.00	42.44 2.54 -0.27	40.95 2.33 -4.37	38.88 2.18 -4.58	36.84 1.92 -2.91
POMONA___ESR 323819	42.01 1.69 0.00	37.89 1.28 0.00	36.47 1.27 0.00	35.71 1.21 0.00	36.31 1.23 0.00	37.53 1.16 0.00	39.65 1.34 0.00	41.24 1.81 0.00	44.63 2.16 0.00	47.80 2.32 0.00	52.08 2.76 0.00	51.16 2.67 0.00	51.56 2.69 0.00	48.49 2.48 0.00	44.42 2.39 0.00	45.41 2.57 0.00	48.94 2.81 0.00	48.94 2.90 0.00	46.54 2.63 0.00	42.37 2.28 0.00	42.15 2.26 -0.26	40.45 1.95 -4.24	38.29 1.73 -4.45	36.37 1.54 -2.83
PORT_JEFF_3 23555	42.78 2.46 0.00	38.48 1.87 0.00	36.82 1.62 0.00	35.95 1.45 0.00	36.87 1.79 0.00	38.19 1.82 0.00	40.49 2.18 0.00	42.50 3.08 0.00	45.95 3.48 0.00	50.83 3.64 -1.72	54.70 3.90 -1.49	58.62 3.68 -6.44	60.03 3.67 -7.48	58.99 3.45 -9.53	59.19 3.53 -13.63	50.62 3.90 -3.88	50.38 4.24 -0.01	50.41 4.28 -0.09	47.60 3.69 0.00	43.33 3.25 0.00	43.15 3.25 -0.27	41.30 2.67 -4.37	38.81 2.12 -4.58	37.03 2.11 -2.91

PORT_JEFF_4 23616	42.78 2.46 0.00	38.48 1.87 0.00	36.82 1.62 0.00	35.95 1.45 0.00	36.87 1.79 0.00	38.19 1.82 0.00	40.49 2.18 0.00	42.50 3.08 0.00	45.95 3.48 0.00	50.83 3.64 -1.72	54.70 3.90 -1.49	58.62 3.68 -6.44	60.03 3.67 -7.48	58.99 3.45 -9.53	59.19 3.53 -13.63	50.62 3.90 -3.88	50.38 4.24 -0.01	50.41 4.28 -0.09	47.60 3.69 0.00	43.33 3.25 0.00	43.15 3.25 -0.27	41.30 2.67 -4.37	38.81 2.12 -4.58	37.03 2.11 -2.91
PORT_JEFF_IC 23713	42.82 2.50 0.00	38.37 1.76 0.00	36.85 1.65 0.00	35.99 1.48 0.00	36.91 1.82 0.00	38.22 1.85 0.00	40.57 2.26 0.00	42.54 3.11 0.00	46.03 3.57 0.00	50.88 3.68 -1.72	54.76 3.95 -1.50	58.74 3.78 -6.46	60.10 3.71 -7.51	59.11 3.54 -9.56	59.31 3.61 -13.67	50.72 3.98 -3.90	50.48 4.34 -0.01	50.60 4.47 -0.09	47.68 3.78 0.00	43.37 3.29 0.00	43.19 3.29 -0.27	41.43 2.81 -4.37	38.85 2.15 -4.58	37.10 2.18 -2.91
PPL PILGRIM_ST_GT1 24216	42.78 2.46 0.00	38.48 1.87 0.00	36.82 1.62 0.00	35.99 1.48 0.00	36.84 1.75 0.00	38.15 1.78 0.00	40.49 2.18 0.00	42.54 3.11 0.00	45.99 3.52 0.00	50.86 3.64 -1.74	54.83 3.99 -1.52	58.83 3.79 -6.55	60.19 3.71 -7.60	59.19 3.49 -9.69	59.41 3.53 -13.85	50.68 3.90 -3.95	50.38 4.24 -0.01	50.41 4.28 -0.09	47.64 3.73 0.00	43.37 3.29 0.00	43.19 3.29 -0.27	41.33 2.71 -4.37	38.81 2.12 -4.58	37.03 2.11 -2.91
PPL PILGRIM_ST_GT2 24217	42.78 2.46 0.00	38.48 1.87 0.00	36.82 1.62 0.00	35.99 1.48 0.00	36.84 1.75 0.00	38.15 1.78 0.00	40.49 2.18 0.00	42.54 3.11 0.00	45.99 3.52 0.00	50.86 3.64 -1.74	54.83 3.99 -1.52	58.83 3.79 -6.55	60.19 3.71 -7.60	59.19 3.49 -9.69	59.41 3.53 -13.85	50.68 3.90 -3.95	50.38 4.24 -0.01	50.41 4.28 -0.09	47.64 3.73 0.00	43.37 3.29 0.00	43.19 3.29 -0.27	41.33 2.71 -4.37	38.81 2.12 -4.58	37.03 2.11 -2.91
PPL_SHRM_GT3 24213	42.78 2.46 0.00	38.44 1.83 0.00	36.79 1.59 0.00	35.92 1.42 0.00	37.05 1.96 0.00	38.33 1.96 0.00	40.64 2.34 0.00	42.62 3.19 0.00	46.07 3.61 0.00	50.75 3.55 -1.72	54.31 3.50 -1.49	58.24 3.30 -6.45	59.64 3.28 -7.49	58.68 3.13 -9.54	59.20 3.53 -13.64	50.71 3.98 -3.89	50.43 4.29 -0.01	50.51 4.38 -0.09	47.64 3.73 0.00	43.33 3.25 0.00	43.11 3.21 -0.27	41.33 2.71 -4.37	38.81 2.12 -4.58	37.10 2.18 -2.91
PPL_SHRM_GT4 24214	42.78 2.46 0.00	38.44 1.83 0.00	36.79 1.59 0.00	35.92 1.42 0.00	37.05 1.96 0.00	38.33 1.96 0.00	40.64 2.34 0.00	42.62 3.19 0.00	46.07 3.61 0.00	50.75 3.55 -1.72	54.31 3.50 -1.49	58.24 3.30 -6.45	59.64 3.28 -7.49	58.68 3.13 -9.54	59.20 3.53 -13.64	50.71 3.98 -3.89	50.43 4.29 -0.01	50.51 4.38 -0.09	47.64 3.73 0.00	43.33 3.25 0.00	43.11 3.21 -0.27	41.33 2.71 -4.37	38.81 2.12 -4.58	37.10 2.18 -2.91
PROJECT___ORANGE 1 24174	39.67 -0.65 0.00	36.10 -0.51 0.00	34.64 -0.56 0.00	33.99 -0.52 0.00	34.52 -0.56 0.00	35.90 -0.47 0.00	37.81 -0.50 0.00	38.80 -0.63 0.00	41.74 -0.72 0.00	44.75 -0.73 0.00	48.43 -0.89 0.00	47.62 -0.87 0.00	48.00 -0.88 0.00	45.23 -0.78 0.00	41.23 -0.80 0.00	41.98 -0.86 0.00	45.21 -0.92 0.00	45.17 -0.87 0.00	43.07 -0.83 0.00	39.36 -0.72 0.00	38.90 -0.75 -0.02	34.00 -0.62 -0.37	31.92 -0.58 -0.39	31.71 -0.54 -0.24
PROJECT___ORANGE 2 24166	39.67 -0.65 0.00	36.10 -0.51 0.00	34.64 -0.56 0.00	33.99 -0.52 0.00	34.52 -0.56 0.00	35.90 -0.47 0.00	37.81 -0.50 0.00	38.80 -0.63 0.00	41.74 -0.72 0.00	44.75 -0.73 0.00	48.43 -0.89 0.00	47.62 -0.87 0.00	48.00 -0.88 0.00	45.23 -0.78 0.00	41.23 -0.80 0.00	41.98 -0.86 0.00	45.21 -0.92 0.00	45.17 -0.87 0.00	43.07 -0.83 0.00	39.36 -0.72 0.00	38.90 -0.75 -0.02	34.00 -0.62 -0.37	31.92 -0.58 -0.39	31.71 -0.54 -0.24
PUCKETT___SOLAR 323809	40.88 0.56 0.00	37.23 0.62 0.00	35.76 0.56 0.00	35.02 0.52 0.00	35.61 0.53 0.00	37.09 0.73 0.00	39.11 0.81 0.00	40.37 0.94 0.00	43.44 0.98 0.00	46.57 1.09 0.00	50.40 1.08 0.00	49.46 0.97 0.00	49.90 1.03 0.00	47.02 1.01 0.00	42.79 0.76 0.00	43.61 0.77 0.00	47.05 0.92 0.00	47.05 1.01 0.00	44.92 1.01 0.00	41.05 0.96 0.00	40.43 0.71 -0.08	36.14 0.51 -1.37	33.91 0.35 -1.44	33.24 0.32 -0.92
PYRITES___HYD 24023	41.24 0.93 0.00	38.33 1.72 0.00	36.89 1.69 0.00	36.33 1.83 0.00	37.12 2.03 0.00	37.57 1.20 0.00	40.03 1.72 0.00	41.16 1.73 0.00	43.82 1.36 0.00	47.34 1.86 0.00	50.70 1.38 0.00	50.00 1.50 0.00	50.59 1.71 0.00	47.25 1.24 0.00	43.04 1.01 0.00	43.35 0.51 0.00	46.45 0.32 0.00	45.90 -0.14 0.00	43.73 -0.18 0.00	39.24 -0.84 0.00	39.20 -0.44 -0.01	33.69 -0.65 -0.09	31.66 -0.55 -0.09	31.81 -0.26 -0.06
QUAKERRD_115KV_BK1 80622	37.78 -2.54 0.00	34.71 -1.90 0.00	33.16 -2.04 0.00	32.50 -2.00 0.00	33.05 -2.03 0.00	34.59 -1.78 0.00	36.35 -1.95 0.00	37.22 -2.21 0.00	39.96 -2.51 0.00	42.57 -2.91 0.00	45.91 -3.40 0.00	45.05 -3.44 0.00	45.36 -3.52 0.00	42.97 -3.04 0.00	39.21 -2.82 0.00	39.88 -2.96 0.00	43.08 -3.04 0.00	43.05 -2.99 0.00	41.23 -2.68 0.00	37.88 -2.20 0.00	37.52 -2.14 -0.03	32.94 -1.78 -0.47	30.87 -1.73 -0.49	30.69 -1.63 -0.31
QUEENSBRY_115KV_TB8 356137	42.90 2.58 0.00	38.81 2.20 0.00	37.31 2.11 0.00	36.61 2.10 0.00	37.16 2.07 0.00	38.55 2.18 0.00	40.61 2.30 0.00	41.99 2.56 0.00	45.56 3.10 0.00	48.84 3.37 0.00	53.11 3.80 0.00	52.28 3.78 0.00	52.54 3.67 0.00	49.14 3.13 0.00	44.89 2.86 0.00	45.66 2.83 0.00	49.04 2.91 0.00	49.08 3.04 0.00	46.85 2.94 0.00	42.85 2.77 0.00	42.66 2.70 -0.33	41.90 2.29 -5.35	39.71 1.99 -5.61	37.56 1.98 -3.57
RAMAPO___LBMP 323565	41.89 1.57 0.00	37.78 1.17 0.00	36.36 1.16 0.00	35.61 1.10 0.00	36.24 1.16 0.00	37.46 1.09 0.00	39.53 1.23 0.00	41.12 1.70 0.00	44.50 2.04 0.00	47.66 2.18 0.00	51.88 2.56 0.00	51.02 2.52 0.00	51.42 2.54 0.00	48.35 2.35 0.00	44.26 2.23 0.00	45.23 2.40 0.00	48.81 2.68 0.00	48.80 2.76 0.00	46.41 2.50 0.00	42.25 2.16 0.00	42.03 2.14 -0.26	40.34 1.85 -4.24	38.19 1.64 -4.44	36.27 1.44 -2.82
RANKINE____ 23646	37.90 -2.42 0.00	35.26 -1.35 0.00	33.55 -1.65 0.00	32.88 -1.62 0.00	33.47 -1.61 0.00	35.17 -1.20 0.00	36.89 -1.42 0.00	37.42 -2.01 0.00	40.13 -2.34 0.00	42.57 -2.91 0.00	45.57 -3.75 0.00	44.52 -3.98 0.00	44.72 -4.15 0.00	42.65 -3.36 0.00	38.92 -3.11 0.00	39.45 -3.38 0.00	42.85 -3.28 0.00	42.91 -3.13 0.00	41.36 -2.55 0.00	38.24 -1.84 0.00	36.90 -2.77 -0.04	32.57 -2.33 -0.65	30.35 -2.44 -0.68	30.26 -2.18 -0.43
RAVENSWOOD_GT2_1 24244	42.37 2.06 0.00	38.19 1.57 0.00	36.78 1.58 0.00	35.99 1.48 0.00	36.63 1.54 0.00	37.82 1.45 0.00	39.92 1.61 0.00	41.56 2.13 0.00	44.97 2.51 0.00	48.16 2.68 0.00	52.47 3.16 0.00	51.60 3.10 0.00	52.05 3.18 0.00	48.91 2.90 0.00	44.80 2.77 0.00	45.83 3.00 0.00	49.36 3.23 0.00	49.26 3.22 0.00	46.85 2.94 0.00	42.69 2.61 0.00	42.48 2.58 -0.27	40.92 2.29 -4.37	38.81 2.12 -4.58	36.81 1.89 -2.91

RAVENSWOOD_GT2_2 24245	42.37 2.06 0.00	38.19 1.57 0.00	36.78 1.58 0.00	35.99 1.48 0.00	36.63 1.54 0.00	37.82 1.45 0.00	39.92 1.61 0.00	41.56 2.13 0.00	44.97 2.51 0.00	48.16 2.68 0.00	52.47 3.16 0.00	51.60 3.10 0.00	52.05 3.18 0.00	48.91 2.90 0.00	44.80 2.77 0.00	45.83 3.00 0.00	49.36 3.23 0.00	49.26 3.22 0.00	46.85 2.94 0.00	42.69 2.61 0.00	42.48 2.58 -0.27	40.92 2.29 -4.37	38.81 2.12 -4.58	36.81 1.89 -2.91
RAVENSWOOD_GT2_3 24246	42.37 2.06 0.00	38.22 1.61 0.00	36.78 1.58 0.00	36.02 1.52 0.00	36.63 1.54 0.00	37.82 1.45 0.00	39.92 1.61 0.00	41.56 2.13 0.00	45.01 2.55 0.00	48.16 2.68 0.00	52.52 3.21 0.00	51.65 3.15 0.00	52.05 3.18 0.00	48.95 2.94 0.00	44.85 2.82 0.00	45.83 3.00 0.00	49.40 3.28 0.00	49.31 3.27 0.00	46.85 2.94 0.00	42.73 2.65 0.00	42.48 2.58 -0.27	40.92 2.29 -4.37	38.84 2.15 -4.58	36.81 1.89 -2.91
RAVENSWOOD_GT2_4 24247	42.37 2.06 0.00	38.22 1.61 0.00	36.78 1.58 0.00	36.02 1.52 0.00	36.63 1.54 0.00	37.82 1.45 0.00	39.92 1.61 0.00	41.56 2.13 0.00	45.01 2.55 0.00	48.16 2.68 0.00	52.52 3.21 0.00	51.65 3.15 0.00	52.05 3.18 0.00	48.95 2.94 0.00	44.85 2.82 0.00	45.83 3.00 0.00	49.40 3.28 0.00	49.31 3.27 0.00	46.85 2.94 0.00	42.73 2.65 0.00	42.48 2.58 -0.27	40.92 2.29 -4.37	38.84 2.15 -4.58	36.81 1.89 -2.91
RAVENSWOOD_GT3_1 24248	42.37 2.06 0.00	38.22 1.61 0.00	36.78 1.58 0.00	36.02 1.52 0.00	36.63 1.54 0.00	37.82 1.45 0.00	39.92 1.61 0.00	41.56 2.13 0.00	44.97 2.51 0.00	48.16 2.68 0.00	52.47 3.16 0.00	51.65 3.15 0.00	52.05 3.18 0.00	48.95 2.94 0.00	44.80 2.77 0.00	45.83 3.00 0.00	49.36 3.23 0.00	49.26 3.22 0.00	46.85 2.94 0.00	42.69 2.61 0.00	42.48 2.58 -0.27	40.92 2.29 -4.37	38.81 2.12 -4.58	36.81 1.89 -2.91
RAVENSWOOD_GT3_2 24249	42.37 2.06 0.00	38.22 1.61 0.00	36.78 1.58 0.00	36.02 1.52 0.00	36.63 1.54 0.00	37.82 1.45 0.00	39.92 1.61 0.00	41.56 2.13 0.00	44.97 2.51 0.00	48.16 2.68 0.00	52.47 3.16 0.00	51.65 3.15 0.00	52.05 3.18 0.00	48.95 2.94 0.00	44.80 2.77 0.00	45.83 3.00 0.00	49.36 3.23 0.00	49.26 3.22 0.00	46.85 2.94 0.00	42.69 2.61 0.00	42.48 2.58 -0.27	40.92 2.29 -4.37	38.81 2.12 -4.58	36.81 1.89 -2.91
RAVENSWOOD_GT3_3 24250	42.41 2.10 0.00	38.26 1.65 0.00	36.82 1.62 0.00	36.06 1.55 0.00	36.66 1.58 0.00	37.86 1.49 0.00	39.96 1.65 0.00	41.59 2.17 0.00	45.05 2.59 0.00	48.21 2.73 0.00	52.57 3.25 0.00	51.70 3.20 0.00	52.10 3.23 0.00	49.00 2.99 0.00	44.89 2.86 0.00	45.88 3.04 0.00	49.45 3.32 0.00	49.35 3.31 0.00	46.94 3.03 0.00	42.77 2.69 0.00	42.52 2.62 -0.27	40.95 2.33 -4.37	38.88 2.18 -4.58	36.84 1.92 -2.91
RAVENSWOOD_GT3_4 24251	42.41 2.10 0.00	38.26 1.65 0.00	36.82 1.62 0.00	36.06 1.55 0.00	36.66 1.58 0.00	37.86 1.49 0.00	39.96 1.65 0.00	41.59 2.17 0.00	45.05 2.59 0.00	48.21 2.73 0.00	52.57 3.25 0.00	51.70 3.20 0.00	52.10 3.23 0.00	49.00 2.99 0.00	44.89 2.86 0.00	45.88 3.04 0.00	49.45 3.32 0.00	49.35 3.31 0.00	46.94 3.03 0.00	42.77 2.69 0.00	42.52 2.62 -0.27	40.95 2.33 -4.37	38.88 2.18 -4.58	36.84 1.92 -2.91
RAVENSWOOD_GT_1 23729	42.62 2.30 -0.01	38.42 1.79 -0.01	37.00 1.80 -0.01	36.20 1.69 -0.01	36.85 1.75 -0.01	37.97 1.60 0.00	39.92 1.61 0.00	41.56 2.13 0.00	44.97 2.51 0.00	48.12 2.64 0.00	52.52 3.21 0.00	51.65 3.15 0.00	52.05 3.18 0.00	48.95 2.94 0.00	44.85 2.82 0.00	45.88 3.04 0.00	49.40 3.28 0.00	49.31 3.27 0.00	46.85 2.94 0.00	42.69 2.61 0.00	42.44 2.54 -0.27	40.99 2.36 -4.37	39.01 2.31 -4.59	37.01 2.08 -2.92
RAVENSWOOD_GT_10 24258	42.37 2.06 0.00	38.19 1.57 0.00	36.78 1.58 0.00	35.99 1.48 0.00	36.63 1.54 0.00	37.82 1.45 0.00	39.92 1.61 0.00	41.56 2.13 0.00	44.97 2.51 0.00	48.16 2.68 0.00	52.52 3.21 0.00	51.65 3.15 0.00	52.05 3.18 0.00	48.95 2.94 0.00	44.80 2.77 0.00	45.83 3.00 0.00	49.36 3.23 0.00	49.26 3.22 0.00	46.85 2.94 0.00	42.69 2.61 0.00	42.48 2.58 -0.27	40.92 2.29 -4.37	38.81 2.12 -4.58	36.81 1.89 -2.91
RAVENSWOOD_GT_11 24259	42.37 2.06 0.00	38.19 1.57 0.00	36.78 1.58 0.00	35.99 1.48 0.00	36.63 1.54 0.00	37.82 1.45 0.00	39.92 1.61 0.00	41.56 2.13 0.00	44.97 2.51 0.00	48.16 2.68 0.00	52.52 3.21 0.00	51.65 3.15 0.00	52.05 3.18 0.00	48.95 2.94 0.00	44.80 2.77 0.00	45.83 3.00 0.00	49.36 3.23 0.00	49.26 3.22 0.00	46.85 2.94 0.00	42.69 2.61 0.00	42.48 2.58 -0.27	40.92 2.29 -4.37	38.81 2.12 -4.58	36.81 1.89 -2.91
RAVENSWOOD_GT_4 24252	42.33 2.02 0.01	38.18 1.57 0.01	36.74 1.55 0.01	35.98 1.48 0.01	36.59 1.51 0.01	37.79 1.42 0.00	39.92 1.61 0.00	41.59 2.17 0.00	45.01 2.55 0.00	48.16 2.68 0.00	52.52 3.21 0.00	51.65 3.15 0.00	52.05 3.18 0.00	48.95 2.94 0.00	44.85 2.82 0.00	45.83 3.00 0.00	49.36 3.23 0.00	49.31 3.27 0.00	46.85 2.94 0.00	42.69 2.61 0.00	42.48 2.58 -0.27	40.92 2.29 -4.37	38.78 2.09 -4.58	36.77 1.86 -2.91
RAVENSWOOD_GT_5 24254	42.33 2.02 0.01	38.18 1.57 0.01	36.74 1.55 0.01	35.98 1.48 0.01	36.59 1.51 0.01	37.79 1.42 0.00	39.92 1.61 0.00	41.59 2.17 0.00	45.01 2.55 0.00	48.16 2.68 0.00	52.52 3.21 0.00	51.65 3.15 0.00	52.05 3.18 0.00	48.95 2.94 0.00	44.85 2.82 0.00	45.83 3.00 0.00	49.36 3.23 0.00	49.31 3.27 0.00	46.85 2.94 0.00	42.69 2.61 0.00	42.48 2.58 -0.27	40.92 2.29 -4.37	38.78 2.09 -4.58	36.77 1.86 -2.91
RAVENSWOOD_GT_6 24253	42.33 2.02 0.01	38.18 1.57 0.01	36.74 1.55 0.01	35.98 1.48 0.01	36.59 1.51 0.01	37.79 1.42 0.00	39.92 1.61 0.00	41.59 2.17 0.00	45.01 2.55 0.00	48.16 2.68 0.00	52.52 3.21 0.00	51.65 3.15 0.00	52.05 3.18 0.00	48.95 2.94 0.00	44.85 2.82 0.00	45.83 3.00 0.00	49.36 3.23 0.00	49.31 3.27 0.00	46.85 2.94 0.00	42.69 2.61 0.00	42.48 2.58 -0.27	40.92 2.29 -4.37	38.78 2.09 -4.58	36.77 1.86 -2.91
RAVENSWOOD_GT_7 24255	42.33 2.02 0.01	38.18 1.57 0.01	36.74 1.55 0.01	35.98 1.48 0.01	36.59 1.51 0.01	37.79 1.42 0.00	39.92 1.61 0.00	41.59 2.17 0.00	45.01 2.55 0.00	48.16 2.68 0.00	52.52 3.21 0.00	51.65 3.15 0.00	52.05 3.18 0.00	48.95 2.94 0.00	44.85 2.82 0.00	45.83 3.00 0.00	49.36 3.23 0.00	49.31 3.27 0.00	46.85 2.94 0.00	42.69 2.61 0.00	42.48 2.58 -0.27	40.92 2.29 -4.37	38.78 2.09 -4.58	36.77 1.86 -2.91
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	42.37 2.06 0.00	38.19 1.57 0.00	36.78 1.58 0.00	35.99 1.48 0.00	36.63 1.54 0.00	37.82 1.45 0.00	39.92 1.61 0.00	41.56 2.13 0.00	44.97 2.51 0.00	48.16 2.68 0.00	52.52 3.21 0.00	51.65 3.15 0.00	52.05 3.18 0.00	48.95 2.94 0.00	44.80 2.77 0.00	45.83 3.00 0.00	49.36 3.23 0.00	49.26 3.22 0.00	46.85 2.94 0.00	42.69 2.61 0.00	42.48 2.58 -0.27	40.92 2.29 -4.37	38.81 2.12 -4.58	36.81 1.89 -2.91

RAVENSWOOD_GT_9 24257	42.37 2.06 0.00	38.19 1.57 0.00	36.78 1.58 0.00	35.99 1.48 0.00	36.63 1.54 0.00	37.82 1.45 0.00	39.92 1.61 0.00	41.56 2.13 0.00	44.97 2.51 0.00	48.16 2.68 0.00	52.52 3.21 0.00	51.65 3.15 0.00	52.05 3.18 0.00	48.95 2.94 0.00	44.80 2.77 0.00	45.83 3.00 0.00	49.36 3.23 0.00	49.26 3.22 0.00	46.85 2.94 0.00	42.69 2.61 0.00	42.48 2.58 -0.27	40.92 2.29 -4.37	38.81 2.12 -4.58	36.81 1.89 -2.91
RAVENSWOOD___1 23533	42.62 2.30 -0.01	38.41 1.79 -0.01	36.97 1.76 -0.01	36.20 1.69 -0.01	36.81 1.72 -0.01	37.93 1.56 0.00	39.92 1.61 0.00	41.51 2.09 0.00	44.93 2.46 0.00	48.11 2.64 0.00	52.48 3.16 0.00	51.60 3.11 0.00	52.05 3.18 0.00	48.95 2.95 0.00	44.80 2.77 0.00	45.83 3.00 0.00	49.36 3.23 0.00	49.26 3.22 0.00	46.85 2.94 0.00	42.69 2.60 0.00	42.44 2.54 -0.27	40.98 2.36 -4.37	39.01 2.31 -4.59	36.98 2.05 -2.92
RAVENSWOOD___2 23534	42.58 2.26 -0.01	38.41 1.79 -0.01	36.97 1.76 -0.01	36.17 1.66 -0.01	36.81 1.72 -0.01	37.93 1.56 0.00	39.88 1.57 0.00	41.51 2.09 0.00	44.93 2.46 0.00	48.07 2.59 0.00	52.48 3.16 0.00	51.60 3.11 0.00	52.01 3.13 0.00	48.91 2.90 0.00	44.80 2.77 0.00	45.79 2.95 0.00	49.36 3.23 0.00	49.21 3.17 0.00	46.81 2.90 0.00	42.65 2.57 0.00	42.44 2.54 -0.27	40.95 2.33 -4.37	38.98 2.28 -4.59	36.98 2.05 -2.92
RAVENSWOOD___3 23535	42.37 2.06 0.00	38.22 1.61 0.00	36.79 1.59 0.00	36.02 1.52 0.00	36.63 1.54 0.00	37.82 1.46 0.00	39.92 1.61 0.00	41.55 2.13 0.00	44.97 2.50 0.00	48.16 2.68 0.00	52.48 3.16 0.00	51.64 3.15 0.00	52.05 3.18 0.00	48.95 2.95 0.00	44.80 2.77 0.00	45.83 3.00 0.00	49.36 3.23 0.00	49.26 3.22 0.00	46.85 2.94 0.00	42.69 2.60 0.00	42.48 2.57 -0.27	40.92 2.30 -4.37	38.81 2.12 -4.58	36.81 1.89 -2.91
RAVENSWOOD___4 23820	42.58 2.26 -0.01	38.38 1.76 -0.01	36.93 1.72 -0.01	36.17 1.66 -0.01	36.78 1.68 -0.01	37.89 1.53 0.00	39.88 1.57 0.00	41.47 2.05 0.00	44.93 2.46 0.00	48.07 2.59 0.00	52.43 3.11 0.00	51.60 3.11 0.00	52.01 3.13 0.00	48.91 2.90 0.00	44.80 2.77 0.00	45.79 2.95 0.00	49.36 3.23 0.00	49.21 3.17 0.00	46.81 2.90 0.00	42.65 2.57 0.00	42.40 2.50 -0.27	40.95 2.33 -4.37	38.98 2.28 -4.59	36.98 2.05 -2.92
RCPL_TRUST___DRP 24196	42.37 2.06 0.00	38.22 1.61 0.00	36.78 1.58 0.00	36.02 1.52 0.00	36.63 1.54 0.00	37.86 1.49 0.00	39.96 1.65 0.00	41.63 2.21 0.00	45.05 2.59 0.00	48.25 2.77 0.00	52.62 3.30 0.00	51.74 3.25 0.00	52.15 3.27 0.00	49.04 3.04 0.00	44.89 2.86 0.00	45.92 3.08 0.00	49.45 3.32 0.00	49.35 3.31 0.00	46.94 3.03 0.00	42.73 2.65 0.00	42.52 2.62 -0.27	40.95 2.33 -4.37	38.81 2.12 -4.58	36.81 1.89 -2.91
RED___ROCHESTER 323720	38.46 -1.85 0.00	35.41 -1.21 0.00	33.79 -1.41 0.00	33.12 -1.38 0.00	33.68 -1.40 0.00	35.31 -1.06 0.00	37.08 -1.23 0.00	37.97 -1.46 0.00	40.72 -1.74 0.00	43.39 -2.09 0.00	46.65 -2.66 0.00	45.78 -2.71 0.00	46.09 -2.78 0.00	43.75 -2.25 0.00	39.93 -2.10 0.00	40.61 -2.23 0.00	43.87 -2.26 0.00	43.88 -2.16 0.00	42.07 -1.84 0.00	38.68 -1.40 0.00	38.28 -1.39 -0.03	33.67 -1.06 -0.48	31.53 -1.09 -0.51	31.30 -1.03 -0.32
REGAN___SOLAR 323812	42.53 2.22 0.00	38.48 1.87 0.00	36.99 1.79 0.00	36.26 1.76 0.00	36.84 1.75 0.00	38.29 1.93 0.00	40.38 2.07 0.00	41.71 2.29 0.00	45.14 2.68 0.00	48.43 2.95 0.00	52.48 3.16 0.00	51.60 3.11 0.00	51.76 2.88 0.00	48.58 2.57 0.00	44.42 2.39 0.00	45.36 2.53 0.00	48.90 2.77 0.00	48.99 2.95 0.00	46.76 2.85 0.00	42.81 2.73 0.00	42.60 2.62 -0.35	42.19 2.23 -5.71	39.96 1.86 -5.99	37.57 1.76 -3.81
RENSSELAER___COGEN 23796	41.49 1.17 0.00	37.60 0.99 0.00	36.22 1.02 0.00	35.50 1.00 0.00	36.10 1.02 0.00	37.31 0.94 0.00	39.07 0.77 0.00	40.33 0.91 0.00	43.27 0.80 0.00	46.25 0.77 0.00	50.30 0.99 0.00	49.46 0.97 0.00	49.85 0.98 0.00	46.84 0.83 0.00	42.91 0.88 0.00	43.69 0.86 0.00	47.00 0.87 0.00	46.91 0.87 0.00	44.79 0.88 0.00	41.17 1.08 0.00	41.06 1.11 -0.32	40.43 0.99 -5.19	38.64 1.09 -5.44	36.52 1.05 -3.45
REPUBLIC_115KV_BARTNBRK 55605	44.55 4.23 0.00	40.24 3.62 0.00	38.65 3.45 0.00	37.95 3.45 0.00	38.45 3.37 0.00	39.93 3.56 0.00	42.02 3.72 0.00	43.49 4.06 0.00	47.35 4.88 0.00	50.94 5.46 0.00	55.43 6.12 0.00	54.65 6.16 0.00	54.79 5.91 0.00	51.07 5.06 0.00	46.61 4.58 0.00	47.25 4.41 0.00	50.70 4.57 0.00	50.87 4.83 0.00	48.61 4.70 0.00	44.58 4.49 0.00	44.32 4.36 -0.33	43.33 3.73 -5.35	40.93 3.21 -5.61	38.74 3.17 -3.56
REVERE_CPPR_DRP 24186	41.37 1.05 0.00	37.67 1.06 0.00	36.22 1.02 0.00	35.54 1.04 0.00	36.14 1.05 0.00	37.53 1.16 0.00	39.61 1.30 0.00	40.92 1.50 0.00	43.99 1.53 0.00	47.34 1.86 0.00	51.24 1.92 0.00	50.24 1.75 0.00	50.73 1.86 0.00	47.76 1.75 0.00	43.42 1.39 0.00	44.21 1.37 0.00	47.65 1.52 0.00	47.51 1.47 0.00	45.31 1.41 0.00	41.21 1.12 0.00	40.76 1.11 -0.01	35.28 0.82 -0.20	33.06 0.74 -0.21	32.85 0.70 -0.14
REYNOLDS_115KV_TB3 80639	41.65 1.33 0.00	37.71 1.10 0.00	36.33 1.13 0.00	35.61 1.10 0.00	36.21 1.12 0.00	37.46 1.09 0.00	39.30 1.00 0.00	40.57 1.14 0.00	43.65 1.19 0.00	46.71 1.23 0.00	50.75 1.43 0.00	49.95 1.45 0.00	50.29 1.42 0.00	47.25 1.24 0.00	43.29 1.26 0.00	44.12 1.29 0.00	47.42 1.29 0.00	47.33 1.29 0.00	45.18 1.27 0.00	41.41 1.32 0.00	41.30 1.35 -0.32	40.65 1.20 -5.20	38.74 1.19 -5.45	36.65 1.18 -3.46
RIVERBAY____ 323610	42.78 2.46 -0.01	38.63 2.01 -0.01	37.21 2.01 -0.01	36.48 1.97 -0.01	37.09 2.00 -0.01	38.11 1.75 0.00	39.96 1.65 0.00	41.56 2.13 0.00	44.97 2.51 0.00	48.07 2.59 0.00	52.42 3.11 0.00	51.55 3.06 0.00	52.00 3.13 0.00	48.91 2.90 0.00	44.80 2.77 0.00	45.83 3.00 0.00	49.36 3.23 0.00	49.22 3.18 0.00	46.85 2.94 0.00	42.69 2.61 0.00	42.44 2.54 -0.27	41.12 2.50 -4.37	39.30 2.60 -4.59	37.30 2.37 -2.92
RIVERSDE_115KV_TB3 55908	41.61 1.29 0.00	37.67 1.06 0.00	36.29 1.09 0.00	35.57 1.07 0.00	36.17 1.09 0.00	37.42 1.05 0.00	39.23 0.92 0.00	40.45 1.03 0.00	43.48 1.02 0.00	46.52 1.05 0.00	50.60 1.28 0.00	49.76 1.26 0.00	50.15 1.27 0.00	47.07 1.06 0.00	43.12 1.09 0.00	43.95 1.11 0.00	47.24 1.11 0.00	47.14 1.10 0.00	45.01 1.10 0.00	41.33 1.24 0.00	41.22 1.27 -0.32	40.59 1.13 -5.21	38.76 1.19 -5.46	36.63 1.15 -3.47
ROARING___BROOK_WT_PWR 323790	40.12 -0.20 0.00	36.76 0.15 0.00	35.38 0.18 0.00	34.71 0.21 0.00	35.40 0.32 0.00	36.37 0.00 0.00	38.46 0.15 0.00	39.54 0.12 0.00	42.46 0.00 0.00	45.61 0.14 0.00	49.32 0.00 0.00	48.64 0.15 0.00	49.07 0.20 0.00	46.10 0.09 0.00	42.11 0.08 0.00	42.67 -0.17 0.00	45.81 -0.32 0.00	45.49 -0.55 0.00	43.29 -0.61 0.00	39.24 -0.84 0.00	38.96 -0.67 0.00	33.60 -0.65 0.00	31.53 -0.58 0.00	31.53 -0.48 0.00

ROCHESRG_115KV_T4 355643	38.14 -2.18 0.00	35.15 -1.46 0.00	33.55 -1.65 0.00	32.88 -1.62 0.00	33.44 -1.65 0.00	35.02 -1.35 0.00	36.78 -1.53 0.00	37.61 -1.81 0.00	40.34 -2.12 0.00	42.93 -2.55 0.00	46.21 -3.11 0.00	45.29 -3.20 0.00	45.60 -3.27 0.00	43.29 -2.71 0.00	39.51 -2.52 0.00	40.14 -2.70 0.00	43.41 -2.72 0.00	43.42 -2.62 0.00	41.67 -2.24 0.00	38.32 -1.76 0.00	37.96 -1.70 -0.03	33.36 -1.37 -0.48	31.23 -1.38 -0.50	31.08 -1.25 -0.32
ROCHESTER_9_IC 23652	38.30 -2.02 0.00	35.29 -1.32 0.00	33.69 -1.51 0.00	33.02 -1.48 0.00	33.58 -1.51 0.00	35.17 -1.20 0.00	36.97 -1.34 0.00	37.81 -1.62 0.00	40.55 -1.91 0.00	43.16 -2.32 0.00	46.46 -2.86 0.00	45.58 -2.91 0.00	45.89 -2.98 0.00	43.52 -2.48 0.00	39.72 -2.31 0.00	40.35 -2.48 0.00	43.64 -2.49 0.00	43.65 -2.39 0.00	41.89 -2.02 0.00	38.52 -1.56 0.00	38.12 -1.55 -0.03	33.54 -1.20 -0.48	31.40 -1.22 -0.51	31.21 -1.12 -0.32
ROCKVIEW_13_KV_LD 356306	42.37 2.06 0.00	38.19 1.57 0.00	36.75 1.55 0.00	35.99 1.48 0.00	36.63 1.54 0.00	37.86 1.49 0.00	39.99 1.69 0.00	41.67 2.25 0.00	45.10 2.63 0.00	48.34 2.87 0.00	52.67 3.35 0.00	51.74 3.25 0.00	52.15 3.27 0.00	49.04 3.04 0.00	44.89 2.86 0.00	45.88 3.04 0.00	49.50 3.37 0.00	49.40 3.36 0.00	46.98 3.07 0.00	42.77 2.69 0.00	42.56 2.66 -0.27	40.95 2.33 -4.37	38.78 2.09 -4.58	36.78 1.86 -2.91
ROME____115KV_TB2 80656	41.37 1.05 0.00	37.67 1.06 0.00	36.22 1.02 0.00	35.54 1.04 0.00	36.14 1.05 0.00	37.53 1.16 0.00	39.61 1.30 0.00	40.92 1.50 0.00	43.99 1.53 0.00	47.34 1.86 0.00	51.24 1.92 0.00	50.24 1.75 0.00	50.73 1.86 0.00	47.76 1.75 0.00	43.42 1.39 0.00	44.21 1.37 0.00	47.65 1.52 0.00	47.51 1.47 0.00	45.31 1.41 0.00	41.21 1.12 0.00	40.76 1.11 -0.01	35.28 0.82 -0.20	33.06 0.74 -0.21	32.85 0.70 -0.14
ROSETON____1 23587	41.89 1.57 0.00	37.82 1.21 0.00	36.40 1.20 0.00	35.68 1.17 0.00	36.28 1.19 0.00	37.50 1.13 0.00	39.57 1.26 0.00	41.12 1.69 0.00	44.46 2.00 0.00	47.62 2.14 0.00	51.83 2.51 0.00	50.97 2.47 0.00	51.32 2.44 0.00	48.31 2.30 0.00	44.17 2.14 0.00	45.15 2.31 0.00	48.66 2.54 0.00	48.57 2.53 0.00	46.23 2.33 0.00	42.13 2.04 0.00	41.92 2.02 -0.27	40.37 1.75 -4.37	38.27 1.57 -4.58	36.36 1.44 -2.91
ROSETON____2 23588	41.89 1.57 0.00	37.82 1.21 0.00	36.40 1.20 0.00	35.68 1.17 0.00	36.28 1.19 0.00	37.50 1.13 0.00	39.57 1.26 0.00	41.12 1.69 0.00	44.46 2.00 0.00	47.62 2.14 0.00	51.83 2.51 0.00	50.97 2.47 0.00	51.32 2.44 0.00	48.31 2.30 0.00	44.17 2.14 0.00	45.15 2.31 0.00	48.66 2.54 0.00	48.57 2.53 0.00	46.23 2.33 0.00	42.13 2.04 0.00	41.92 2.02 -0.27	40.37 1.75 -4.37	38.27 1.57 -4.58	36.36 1.44 -2.91
ROTRDAM_115KV_TB3 80664	41.45 1.13 0.00	37.53 0.92 0.00	36.12 0.92 0.00	35.40 0.90 0.00	36.00 0.91 0.00	37.28 0.91 0.00	39.27 0.96 0.00	40.57 1.14 0.00	43.78 1.32 0.00	46.89 1.41 0.00	50.94 1.63 0.00	50.09 1.60 0.00	50.44 1.56 0.00	47.39 1.38 0.00	43.33 1.30 0.00	44.21 1.37 0.00	47.61 1.48 0.00	47.51 1.47 0.00	45.31 1.41 0.00	41.37 1.28 0.00	41.23 1.27 -0.33	40.75 1.10 -5.40	38.77 1.00 -5.66	36.57 0.96 -3.60
RUSSELL____1 23602	38.46 -1.85 0.00	35.40 -1.21 0.00	33.79 -1.41 0.00	33.12 -1.38 0.00	33.68 -1.40 0.00	35.31 -1.05 0.00	37.08 -1.23 0.00	37.97 -1.46 0.00	40.72 -1.74 0.00	43.34 -2.14 0.00	46.65 -2.66 0.00	45.78 -2.72 0.00	46.09 -2.79 0.00	43.75 -2.25 0.00	39.93 -2.10 0.00	40.57 -2.27 0.00	43.87 -2.26 0.00	43.88 -2.16 0.00	42.06 -1.84 0.00	38.68 -1.40 0.00	38.32 -1.35 -0.03	33.67 -1.06 -0.48	31.53 -1.09 -0.51	31.31 -1.02 -0.32
RUSSELL____2 23532	38.46 -1.85 0.00	35.40 -1.21 0.00	33.79 -1.41 0.00	33.12 -1.38 0.00	33.68 -1.40 0.00	35.31 -1.05 0.00	37.08 -1.23 0.00	37.97 -1.46 0.00	40.72 -1.74 0.00	43.34 -2.14 0.00	46.65 -2.66 0.00	45.78 -2.72 0.00	46.09 -2.79 0.00	43.75 -2.25 0.00	39.93 -2.10 0.00	40.57 -2.27 0.00	43.87 -2.26 0.00	43.88 -2.16 0.00	42.06 -1.84 0.00	38.68 -1.40 0.00	38.32 -1.35 -0.03	33.67 -1.06 -0.48	31.53 -1.09 -0.51	31.31 -1.02 -0.32
RUSSELL____3 23549	38.46 -1.85 0.00	35.40 -1.21 0.00	33.79 -1.41 0.00	33.12 -1.38 0.00	33.68 -1.40 0.00	35.31 -1.05 0.00	37.08 -1.23 0.00	37.97 -1.46 0.00	40.72 -1.74 0.00	43.34 -2.14 0.00	46.65 -2.66 0.00	45.78 -2.72 0.00	46.09 -2.79 0.00	43.75 -2.25 0.00	39.93 -2.10 0.00	40.57 -2.27 0.00	43.87 -2.26 0.00	43.88 -2.16 0.00	42.06 -1.84 0.00	38.68 -1.40 0.00	38.32 -1.35 -0.03	33.67 -1.06 -0.48	31.53 -1.09 -0.51	31.31 -1.02 -0.32
RUSSELL____4 23556	38.46 -1.85 0.00	35.40 -1.21 0.00	33.79 -1.41 0.00	33.12 -1.38 0.00	33.68 -1.40 0.00	35.31 -1.05 0.00	37.08 -1.23 0.00	37.97 -1.46 0.00	40.72 -1.74 0.00	43.34 -2.14 0.00	46.65 -2.66 0.00	45.78 -2.72 0.00	46.09 -2.79 0.00	43.75 -2.25 0.00	39.93 -2.10 0.00	40.57 -2.27 0.00	43.87 -2.26 0.00	43.88 -2.16 0.00	42.06 -1.84 0.00	38.68 -1.40 0.00	38.32 -1.35 -0.03	33.67 -1.06 -0.48	31.53 -1.09 -0.51	31.31 -1.02 -0.32
RUSSELL____STATION 23914	38.46 -1.85 0.00	35.40 -1.21 0.00	33.79 -1.41 0.00	33.12 -1.38 0.00	33.68 -1.40 0.00	35.31 -1.05 0.00	37.08 -1.23 0.00	37.97 -1.46 0.00	40.72 -1.74 0.00	43.34 -2.14 0.00	46.65 -2.66 0.00	45.78 -2.72 0.00	46.09 -2.79 0.00	43.75 -2.25 0.00	39.93 -2.10 0.00	40.57 -2.27 0.00	43.87 -2.26 0.00	43.88 -2.16 0.00	42.06 -1.84 0.00	38.68 -1.40 0.00	38.32 -1.35 -0.03	33.67 -1.06 -0.48	31.53 -1.09 -0.51	31.31 -1.02 -0.32
S SALMON____HYD 24043	39.55 -0.77 0.00	36.03 -0.59 0.00	34.60 -0.60 0.00	33.95 -0.55 0.00	34.52 -0.56 0.00	35.86 -0.51 0.00	37.77 -0.54 0.00	38.84 -0.59 0.00	41.70 -0.76 0.00	44.80 -0.68 0.00	48.43 -0.89 0.00	47.52 -0.97 0.00	47.90 -0.98 0.00	45.09 -0.92 0.00	41.06 -0.97 0.00	41.85 -0.98 0.00	45.07 -1.06 0.00	44.93 -1.11 0.00	42.90 -1.01 0.00	39.12 -0.96 0.00	38.78 -0.87 -0.02	33.79 -0.75 -0.29	31.68 -0.74 -0.31	31.50 -0.70 -0.19
S.PERRY__115KV_TB1 80734	39.55 -0.77 0.00	36.43 -0.18 0.00	34.81 -0.39 0.00	34.12 -0.38 0.00	34.70 -0.39 0.00	36.44 0.07 0.00	38.31 0.00 0.00	39.31 -0.12 0.00	42.00 -0.47 0.00	44.52 -0.96 0.00	47.74 -1.58 0.00	46.70 -1.79 0.00	46.92 -1.96 0.00	44.49 -1.52 0.00	40.47 -1.56 0.00	41.17 -1.67 0.00	44.79 -1.34 0.00	45.07 -0.97 0.00	43.34 -0.57 0.00	39.93 -0.16 0.00	39.16 -0.52 -0.04	34.50 -0.45 -0.70	32.26 -0.58 -0.73	31.93 -0.54 -0.46
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	37.37 -2.94 0.00	34.82 -1.79 0.00	33.09 -2.11 0.00	32.43 -2.07 0.00	32.98 -2.11 0.00	34.69 -1.67 0.00	36.35 -1.95 0.00	36.86 -2.56 0.00	39.53 -2.93 0.00	41.89 -3.59 0.00	44.78 -4.54 0.00	43.79 -4.70 0.00	43.99 -4.89 0.00	42.01 -4.00 0.00	38.33 -3.70 0.00	38.90 -3.94 0.00	42.21 -3.92 0.00	42.26 -3.78 0.00	40.75 -3.16 0.00	37.68 -2.41 0.00	36.70 -2.97 -0.04	32.44 -2.43 -0.62	30.29 -2.47 -0.65	30.21 -2.21 -0.41

SAWYER___23_KV_LOAD 55526	37.37 -2.94 0.00	34.82 -1.79 0.00	33.09 -2.11 0.00	32.43 -2.07 0.00	32.98 -2.11 0.00	34.69 -1.67 0.00	36.35 -1.95 0.00	36.86 -2.56 0.00	39.53 -2.93 0.00	41.89 -3.59 0.00	44.78 -4.54 0.00	43.79 -4.70 0.00	43.99 -4.89 0.00	42.01 -4.00 0.00	38.33 -3.70 0.00	38.90 -3.94 0.00	42.21 -3.92 0.00	42.26 -3.78 0.00	40.75 -3.16 0.00	37.68 -2.41 0.00	36.70 -2.97 -0.04	32.44 -2.43 -0.62	30.29 -2.47 -0.65	30.21 -2.21 -0.41
SELKIRK___I 23801	41.61 1.29 0.00	37.71 1.10 0.00	36.33 1.13 0.00	35.61 1.10 0.00	36.17 1.09 0.00	37.42 1.06 0.00	39.27 0.96 0.00	40.45 1.02 0.00	43.53 1.06 0.00	46.57 1.09 0.00	50.60 1.28 0.00	49.80 1.31 0.00	50.14 1.27 0.00	47.11 1.10 0.00	43.12 1.09 0.00	43.91 1.07 0.00	47.23 1.11 0.00	47.19 1.15 0.00	45.05 1.14 0.00	41.33 1.24 0.00	41.18 1.23 -0.31	40.46 1.10 -5.11	38.59 1.12 -5.36	36.50 1.09 -3.41
SELKIRK___II 23799	41.41 1.09 0.00	37.49 0.88 0.00	36.11 0.91 0.00	35.40 0.90 0.00	36.00 0.91 0.00	37.24 0.87 0.00	39.07 0.77 0.00	40.33 0.91 0.00	43.36 0.89 0.00	46.39 0.91 0.00	50.40 1.08 0.00	49.56 1.07 0.00	49.95 1.07 0.00	46.93 0.92 0.00	43.00 0.97 0.00	43.82 0.99 0.00	47.14 1.01 0.00	47.05 1.01 0.00	44.92 1.01 0.00	41.17 1.08 0.00	41.02 1.07 -0.31	40.37 0.96 -5.16	38.52 1.00 -5.41	36.41 0.96 -3.44
SENECA OSWGO___HYD 24041	39.23 -1.09 0.00	35.70 -0.91 0.00	34.28 -0.92 0.00	33.61 -0.90 0.00	34.14 -0.95 0.00	35.49 -0.87 0.00	37.35 -0.96 0.00	38.28 -1.14 0.00	41.23 -1.23 0.00	44.11 -1.36 0.00	47.79 -1.53 0.00	46.99 -1.50 0.00	47.36 -1.52 0.00	44.63 -1.38 0.00	40.64 -1.39 0.00	41.42 -1.41 0.00	44.65 -1.48 0.00	44.56 -1.48 0.00	42.55 -1.36 0.00	38.88 -1.20 0.00	38.47 -1.19 -0.02	33.55 -1.03 -0.33	31.52 -0.93 -0.34	31.33 -0.90 -0.22
SENECA___115KV_TB3 355854	37.94 -2.38 0.00	35.29 -1.32 0.00	33.62 -1.58 0.00	32.95 -1.55 0.00	33.51 -1.58 0.00	35.24 -1.13 0.00	36.93 -1.38 0.00	37.45 -1.97 0.00	40.21 -2.25 0.00	42.66 -2.82 0.00	45.62 -3.70 0.00	44.61 -3.88 0.00	44.82 -4.06 0.00	42.74 -3.27 0.00	38.96 -3.07 0.00	39.54 -3.30 0.00	42.90 -3.23 0.00	43.00 -3.04 0.00	41.45 -2.46 0.00	38.28 -1.80 0.00	36.98 -2.70 -0.04	32.60 -2.29 -0.65	30.41 -2.38 -0.68	30.33 -2.11 -0.43
SENECA___ENERGY 23797	39.43 -0.89 0.00	35.99 -0.62 0.00	34.50 -0.70 0.00	33.81 -0.69 0.00	34.38 -0.70 0.00	35.89 -0.47 0.00	37.81 -0.50 0.00	38.84 -0.59 0.00	41.78 -0.68 0.00	44.66 -0.82 0.00	48.23 -1.09 0.00	47.38 -1.11 0.00	47.75 -1.12 0.00	45.04 -0.97 0.00	40.98 -1.05 0.00	41.72 -1.11 0.00	45.02 -1.11 0.00	45.12 -0.92 0.00	43.07 -0.84 0.00	39.44 -0.64 0.00	38.83 -0.83 -0.03	34.05 -0.72 -0.52	31.89 -0.77 -0.55	31.62 -0.73 -0.35
SHOEMAKER___GT 23640	41.61 1.29 0.00	37.60 0.99 0.00	36.18 0.98 0.00	35.43 0.93 0.00	36.03 0.95 0.00	37.28 0.91 0.00	39.34 1.03 0.00	40.81 1.38 0.00	44.12 1.65 0.00	47.21 1.73 0.00	51.34 2.02 0.00	50.48 1.99 0.00	50.88 2.00 0.00	47.85 1.84 0.00	43.79 1.76 0.00	44.77 1.93 0.00	48.25 2.12 0.00	48.20 2.16 0.00	45.89 1.98 0.00	41.77 1.68 0.00	41.54 1.66 -0.24	39.68 1.44 -3.99	37.58 1.29 -4.18	35.85 1.18 -2.66
SHOEMAKR_138KV_BK 111 55601	41.61 1.29 0.00	37.60 0.99 0.00	36.19 0.99 0.00	35.43 0.93 0.00	36.03 0.95 0.00	37.28 0.91 0.00	39.34 1.03 0.00	40.81 1.38 0.00	44.12 1.66 0.00	47.21 1.73 0.00	51.39 2.07 0.00	50.48 1.99 0.00	50.88 2.00 0.00	47.89 1.89 0.00	43.79 1.77 0.00	44.81 1.97 0.00	48.30 2.17 0.00	48.20 2.16 0.00	45.88 1.98 0.00	41.81 1.72 0.00	41.58 1.70 -0.24	39.68 1.47 -3.96	37.54 1.28 -4.15	35.83 1.18 -2.64
SHOREHAM_IC_1 23715	42.78 2.46 0.00	38.44 1.83 0.00	36.79 1.59 0.00	35.92 1.42 0.00	37.05 1.96 0.00	38.33 1.96 0.00	40.64 2.34 0.00	42.62 3.19 0.00	46.07 3.61 0.00	50.75 3.55 -1.72	54.31 3.50 -1.49	58.24 3.30 -6.45	59.64 3.28 -7.49	58.68 3.13 -9.54	59.20 3.53 -13.64	50.71 3.98 -3.89	50.43 4.29 -0.01	50.51 4.38 -0.09	47.64 3.73 0.00	43.33 3.25 0.00	43.11 3.21 -0.27	41.33 2.71 -4.37	38.81 2.12 -4.58	37.10 2.18 -2.91
SHOREHAM_IC_2 23716	42.78 2.46 0.00	38.44 1.83 0.00	36.79 1.59 0.00	35.92 1.42 0.00	37.05 1.96 0.00	38.33 1.96 0.00	40.64 2.34 0.00	42.62 3.19 0.00	46.07 3.61 0.00	50.75 3.55 -1.72	54.31 3.50 -1.49	58.24 3.30 -6.45	59.64 3.28 -7.49	58.68 3.13 -9.54	59.20 3.53 -13.64	50.71 3.98 -3.89	50.43 4.29 -0.01	50.51 4.38 -0.09	47.64 3.73 0.00	43.33 3.25 0.00	43.11 3.21 -0.27	41.33 2.71 -4.37	38.81 2.12 -4.58	37.10 2.18 -2.91
SISSONVILLE____ 23735	40.64 0.32 0.00	37.75 1.13 0.00	36.33 1.13 0.00	35.78 1.28 0.00	36.56 1.47 0.00	37.02 0.65 0.00	39.38 1.07 0.00	40.45 1.03 0.00	43.14 0.68 0.00	46.62 1.14 0.00	49.96 0.64 0.00	49.37 0.87 0.00	49.90 1.03 0.00	46.65 0.64 0.00	42.53 0.50 0.00	42.84 0.00 0.00	45.85 -0.28 0.00	45.26 -0.78 0.00	43.07 -0.83 0.00	38.64 -1.44 0.00	38.61 -1.03 -0.01	33.21 -1.13 -0.09	31.24 -0.96 -0.10	31.40 -0.67 -0.06
SITHE_IND_GS1 24169	39.03 -1.29 0.00	35.52 -1.10 0.00	34.07 -1.13 0.00	33.43 -1.07 0.00	33.96 -1.12 0.00	35.28 -1.09 0.00	37.16 -1.15 0.00	37.97 -1.46 0.00	40.81 -1.66 0.00	43.70 -1.77 0.00	47.29 -2.02 0.00	46.50 -1.99 0.00	46.87 -2.01 0.00	44.21 -1.80 0.00	40.30 -1.73 0.00	41.08 -1.76 0.00	44.24 -1.89 0.00	44.20 -1.84 0.00	42.15 -1.76 0.00	38.52 -1.56 0.00	38.10 -1.55 -0.02	33.20 -1.30 -0.25	31.19 -1.19 -0.27	31.06 -1.12 -0.17
SITHE_IND_GS2 24170	39.03 -1.29 0.00	35.52 -1.10 0.00	34.07 -1.13 0.00	33.43 -1.07 0.00	33.96 -1.12 0.00	35.28 -1.09 0.00	37.16 -1.15 0.00	37.97 -1.46 0.00	40.81 -1.66 0.00	43.70 -1.77 0.00	47.29 -2.02 0.00	46.50 -1.99 0.00	46.87 -2.01 0.00	44.21 -1.80 0.00	40.30 -1.73 0.00	41.08 -1.76 0.00	44.24 -1.89 0.00	44.20 -1.84 0.00	42.15 -1.76 0.00	38.52 -1.56 0.00	38.10 -1.55 -0.02	33.20 -1.30 -0.25	31.19 -1.19 -0.27	31.06 -1.12 -0.17
SITHE_IND_GS3 24171	39.03 -1.29 0.00	35.52 -1.10 0.00	34.07 -1.13 0.00	33.43 -1.07 0.00	33.96 -1.12 0.00	35.28 -1.09 0.00	37.16 -1.15 0.00	37.97 -1.46 0.00	40.81 -1.66 0.00	43.70 -1.77 0.00	47.29 -2.02 0.00	46.50 -1.99 0.00	46.87 -2.01 0.00	44.21 -1.80 0.00	40.30 -1.73 0.00	41.08 -1.76 0.00	44.24 -1.89 0.00	44.20 -1.84 0.00	42.15 -1.76 0.00	38.52 -1.56 0.00	38.10 -1.55 -0.02	33.20 -1.30 -0.25	31.19 -1.19 -0.27	31.06 -1.12 -0.17
SITHE_IND_GS4 24172	39.03 -1.29 0.00	35.52 -1.10 0.00	34.07 -1.13 0.00	33.43 -1.07 0.00	33.96 -1.12 0.00	35.28 -1.09 0.00	37.16 -1.15 0.00	37.97 -1.46 0.00	40.81 -1.66 0.00	43.70 -1.77 0.00	47.29 -2.02 0.00	46.50 -1.99 0.00	46.87 -2.01 0.00	44.21 -1.80 0.00	40.30 -1.73 0.00	41.08 -1.76 0.00	44.24 -1.89 0.00	44.20 -1.84 0.00	42.15 -1.76 0.00	38.52 -1.56 0.00	38.10 -1.55 -0.02	33.20 -1.30 -0.25	31.19 -1.19 -0.27	31.06 -1.12 -0.17

SITHE____BATAVIA 24024	38.06 -2.26 0.00	35.30 -1.32 0.00	33.62 -1.58 0.00	32.92 -1.59 0.00	33.51 -1.58 0.00	35.28 -1.09 0.00	37.01 -1.30 0.00	37.73 -1.69 0.00	40.43 -2.04 0.00	42.89 -2.59 0.00	45.86 -3.45 0.00	44.86 -3.64 0.00	45.11 -3.76 0.00	42.97 -3.04 0.00	39.21 -2.82 0.00	39.84 -3.00 0.00	43.22 -2.90 0.00	43.32 -2.72 0.00	41.67 -2.24 0.00	38.52 -1.56 0.00	37.77 -1.90 -0.03	33.27 -1.54 -0.55	31.06 -1.64 -0.58	30.94 -1.44 -0.37
SITHE____INDEPEND 23800	39.03 -1.29 0.00	35.51 -1.10 0.00	34.07 -1.13 0.00	33.43 -1.07 0.00	33.96 -1.12 0.00	35.28 -1.09 0.00	37.16 -1.15 0.00	37.97 -1.46 0.00	40.81 -1.66 0.00	43.70 -1.77 0.00	47.29 -2.02 0.00	46.51 -1.99 0.00	46.87 -2.00 0.00	44.21 -1.79 0.00	40.31 -1.72 0.00	41.08 -1.76 0.00	44.24 -1.89 0.00	44.20 -1.84 0.00	42.15 -1.76 0.00	38.52 -1.56 0.00	38.10 -1.55 -0.02	33.20 -1.30 -0.25	31.19 -1.19 -0.27	31.06 -1.12 -0.17
SITHE____MASSENA 23902	40.76 0.44 0.00	37.86 1.25 0.00	36.43 1.23 0.00	35.88 1.38 0.00	36.67 1.58 0.00	37.02 0.66 0.00	39.34 1.03 0.00	40.33 0.91 0.00	43.06 0.59 0.00	46.48 1.00 0.00	49.86 0.54 0.00	49.32 0.82 0.00	49.80 0.93 0.00	46.65 0.64 0.00	42.57 0.54 0.00	42.84 0.00 0.00	45.76 -0.37 0.00	45.16 -0.88 0.00	42.94 -0.97 0.00	38.56 -1.52 0.00	38.53 -1.11 0.00	33.19 -1.13 -0.07	31.22 -0.96 -0.07	31.41 -0.64 -0.04
SITHE____OGDNSBRG 24021	41.28 0.97 0.00	38.37 1.76 0.00	36.92 1.72 0.00	36.33 1.83 0.00	37.16 2.07 0.00	37.57 1.20 0.00	39.99 1.69 0.00	41.08 1.66 0.00	43.74 1.27 0.00	47.21 1.73 0.00	50.55 1.23 0.00	49.90 1.41 0.00	50.44 1.56 0.00	47.16 1.15 0.00	43.00 0.97 0.00	43.31 0.47 0.00	46.36 0.23 0.00	45.81 -0.23 0.00	43.64 -0.26 0.00	39.16 -0.92 0.00	39.16 -0.48 0.00	33.65 -0.69 -0.08	31.65 -0.55 -0.09	31.81 -0.26 -0.05
SITHE____STERLING 23777	41.08 0.76 0.00	37.42 0.80 0.00	35.97 0.77 0.00	35.26 0.76 0.00	35.86 0.77 0.00	37.28 0.91 0.00	39.30 0.99 0.00	40.53 1.10 0.00	43.61 1.15 0.00	46.84 1.36 0.00	50.75 1.43 0.00	49.80 1.31 0.00	50.24 1.37 0.00	47.29 1.29 0.00	43.04 1.01 0.00	43.82 0.99 0.00	47.23 1.11 0.00	47.10 1.06 0.00	44.92 1.01 0.00	40.93 0.84 0.00	40.48 0.83 -0.01	35.11 0.62 -0.24	32.91 0.55 -0.25	32.68 0.51 -0.16
SLEIGHT__34_KV_TB1 80719	38.70 -1.61 0.00	35.44 -1.17 0.00	33.93 -1.27 0.00	33.26 -1.24 0.00	33.82 -1.26 0.00	35.35 -1.02 0.00	37.16 -1.15 0.00	38.13 -1.30 0.00	41.02 -1.44 0.00	43.80 -1.68 0.00	47.29 -2.02 0.00	46.41 -2.09 0.00	46.77 -2.10 0.00	44.26 -1.75 0.00	40.31 -1.72 0.00	40.95 -1.88 0.00	44.19 -1.94 0.00	44.15 -1.89 0.00	42.24 -1.67 0.00	38.76 -1.32 0.00	38.36 -1.31 -0.03	33.67 -1.06 -0.48	31.52 -1.09 -0.50	31.30 -1.02 -0.32
SOUTH CAIRO____GT 23612	42.37 2.06 0.00	38.30 1.68 0.00	36.96 1.76 0.00	36.23 1.73 0.00	36.81 1.72 0.00	38.08 1.71 0.00	39.88 1.57 0.00	40.96 1.54 0.00	44.12 1.66 0.00	46.98 1.50 0.00	50.94 1.63 0.00	50.00 1.50 0.00	50.29 1.42 0.00	47.20 1.20 0.00	43.33 1.30 0.00	44.29 1.46 0.00	47.70 1.57 0.00	47.65 1.61 0.00	45.53 1.62 0.00	41.81 1.72 0.00	41.64 1.70 -0.30	40.47 1.27 -4.95	38.61 1.32 -5.19	36.74 1.44 -3.30
SOUTH HAMPTN____IC 23720	43.22 2.90 0.00	38.81 2.20 0.00	37.10 1.90 0.00	36.23 1.72 0.00	37.33 2.25 0.00	38.59 2.22 0.00	40.87 2.57 0.00	42.85 3.43 0.00	46.24 3.78 0.00	51.01 3.82 -1.72	54.66 3.85 -1.49	58.57 3.64 -6.44	59.97 3.62 -7.48	58.94 3.40 -9.53	59.35 3.70 -13.62	50.79 4.07 -3.88	50.47 4.33 -0.01	50.55 4.42 -0.09	47.60 3.69 0.00	43.25 3.17 0.00	43.03 3.13 -0.27	41.26 2.64 -4.37	38.75 2.06 -4.58	37.13 2.21 -2.91
SOUTHDOW_115KV_TB1 355954	39.07 -1.25 0.00	36.32 -0.29 0.00	34.78 -0.42 0.00	34.09 -0.41 0.00	34.70 -0.39 0.00	36.51 0.15 0.00	38.38 0.08 0.00	39.07 -0.35 0.00	41.95 -0.51 0.00	44.66 -0.82 0.00	47.84 -1.48 0.00	46.65 -1.84 0.00	46.72 -2.15 0.00	44.40 -1.61 0.00	40.31 -1.72 0.00	40.82 -2.01 0.00	44.33 -1.80 0.00	44.52 -1.52 0.00	42.85 -1.05 0.00	39.52 -0.56 0.00	37.77 -1.90 -0.04	33.20 -1.75 -0.69	30.84 -1.99 -0.72	30.64 -1.82 -0.46
SOUTHOLD_69_KV_BK 2 55809	43.70 3.39 0.00	39.14 2.53 0.00	37.52 2.32 0.00	36.64 2.14 0.00	37.72 2.63 0.00	38.91 2.55 0.00	41.10 2.80 0.00	43.09 3.67 0.00	46.37 3.91 0.00	51.15 3.96 -1.72	54.66 3.85 -1.49	58.62 3.69 -6.44	60.02 3.67 -7.48	58.94 3.40 -9.53	59.35 3.70 -13.62	50.70 3.98 -3.88	50.29 4.15 -0.01	50.46 4.33 -0.09	47.33 3.42 0.00	42.93 2.85 0.00	42.72 2.81 -0.27	41.05 2.43 -4.37	38.49 1.80 -4.58	37.06 2.14 -2.91
SOUTHOLD____IC 23719	43.74 3.42 0.00	39.28 2.67 0.00	37.52 2.32 0.00	36.64 2.14 0.00	37.72 2.63 0.00	38.91 2.54 0.00	41.10 2.79 0.00	43.09 3.67 0.00	46.37 3.90 0.00	51.20 4.00 -1.72	54.66 3.85 -1.49	58.62 3.68 -6.44	60.02 3.67 -7.48	58.94 3.40 -9.53	59.35 3.70 -13.62	50.70 3.98 -3.88	50.24 4.10 -0.01	50.36 4.23 -0.09	47.34 3.43 0.00	42.93 2.85 0.00	42.72 2.81 -0.27	40.98 2.36 -4.37	38.49 1.80 -4.58	37.06 2.14 -2.91
SOUTH_FORK_WT_PWR 323839	43.78 3.47 0.00	39.32 2.71 0.00	37.56 2.36 0.00	36.68 2.17 0.00	37.72 2.63 0.00	38.91 2.54 0.00	40.99 2.68 0.00	42.93 3.51 0.00	46.12 3.65 0.00	50.83 3.64 -1.72	54.16 3.36 -1.49	58.13 3.20 -6.44	59.49 3.13 -7.48	58.44 2.90 -9.53	58.89 3.24 -13.62	50.19 3.47 -3.88	49.64 3.50 -0.01	49.77 3.64 -0.09	46.72 2.81 0.00	42.33 2.24 0.00	42.16 2.26 -0.27	40.51 1.88 -4.37	38.04 1.35 -4.58	36.74 1.82 -2.91
SPIERFLS_115KV_TB 1 80737	42.74 2.42 0.00	38.66 2.05 0.00	37.17 1.97 0.00	36.47 1.97 0.00	37.02 1.93 0.00	38.40 2.04 0.00	40.45 2.15 0.00	41.83 2.40 0.00	45.35 2.89 0.00	48.62 3.14 0.00	52.87 3.55 0.00	51.99 3.49 0.00	52.25 3.37 0.00	48.91 2.90 0.00	44.68 2.65 0.00	45.45 2.61 0.00	48.85 2.72 0.00	48.85 2.81 0.00	46.63 2.72 0.00	42.65 2.57 0.00	42.46 2.50 -0.33	41.73 2.12 -5.35	39.59 1.86 -5.61	37.43 1.86 -3.57
ST LAWRENCE____ 23600	40.24 -0.08 0.00	37.34 0.73 0.00	35.94 0.74 0.00	35.37 0.86 0.00	36.14 1.05 0.00	36.62 0.26 0.00	38.88 0.58 0.00	39.86 0.43 0.00	42.55 0.09 0.00	45.89 0.41 0.00	49.27 -0.05 0.00	48.74 0.24 0.00	49.22 0.34 0.00	46.10 0.09 0.00	42.11 0.08 0.00	42.32 -0.51 0.00	45.25 -0.88 0.00	44.66 -1.38 0.00	42.50 -1.41 0.00	38.20 -1.88 0.00	38.17 -1.47 0.00	32.81 -1.44 0.00	30.86 -1.25 0.00	31.05 -0.96 0.00
STATE_CA_115KV_115_LB 55624	41.69 1.37 0.00	37.75 1.13 0.00	36.36 1.16 0.00	35.64 1.14 0.00	36.24 1.16 0.00	37.46 1.09 0.00	39.23 0.92 0.00	40.49 1.06 0.00	43.48 1.02 0.00	46.52 1.05 0.00	50.60 1.28 0.00	49.80 1.31 0.00	50.15 1.27 0.00	47.11 1.10 0.00	43.12 1.09 0.00	43.95 1.11 0.00	47.19 1.06 0.00	47.10 1.06 0.00	44.96 1.05 0.00	41.37 1.28 0.00	41.26 1.31 -0.32	40.65 1.16 -5.24	38.82 1.22 -5.49	36.68 1.18 -3.49

STATE_ST_34_KV_LOAD 55959	39.91 -0.40 0.00	36.36 -0.26 0.00	34.88 -0.32 0.00	34.19 -0.31 0.00	34.77 -0.32 0.00	36.19 -0.18 0.00	38.12 -0.19 0.00	39.19 -0.24 0.00	42.17 -0.30 0.00	45.16 -0.32 0.00	48.77 -0.54 0.00	47.96 -0.53 0.00	48.34 -0.54 0.00	45.55 -0.46 0.00	41.48 -0.55 0.00	42.24 -0.60 0.00	45.58 -0.55 0.00	45.58 -0.46 0.00	43.51 -0.40 0.00	39.81 -0.28 0.00	39.27 -0.40 -0.03	34.43 -0.34 -0.52	32.27 -0.39 -0.54	32.00 -0.35 -0.34
STATION 5_MISC_HYD 23604	38.30 -2.01 0.00	35.30 -1.32 0.00	33.69 -1.51 0.00	33.02 -1.48 0.00	33.58 -1.51 0.00	35.17 -1.20 0.00	36.97 -1.34 0.00	37.81 -1.62 0.00	40.55 -1.91 0.00	43.21 -2.27 0.00	46.46 -2.86 0.00	45.59 -2.91 0.00	45.89 -2.98 0.00	43.52 -2.49 0.00	39.72 -2.31 0.00	40.40 -2.44 0.00	43.68 -2.45 0.00	43.69 -2.35 0.00	41.85 -2.06 0.00	38.52 -1.56 0.00	38.12 -1.55 -0.03	33.54 -1.20 -0.48	31.40 -1.22 -0.51	31.21 -1.12 -0.32
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	39.07 -1.25 0.00	35.81 -0.81 0.00	34.25 -0.95 0.00	33.57 -0.93 0.00	34.14 -0.95 0.00	35.71 -0.65 0.00	37.58 -0.73 0.00	38.56 -0.87 0.00	41.44 -1.02 0.00	44.20 -1.27 0.00	47.69 -1.63 0.00	46.80 -1.70 0.00	47.16 -1.71 0.00	44.63 -1.38 0.00	40.64 -1.39 0.00	41.29 -1.54 0.00	44.65 -1.48 0.00	44.66 -1.38 0.00	42.72 -1.19 0.00	39.20 -0.88 0.00	38.71 -0.95 -0.03	33.99 -0.75 -0.49	31.82 -0.80 -0.51	31.57 -0.77 -0.33
STA_56_34_KV_BUS2_REV_LBMP_B 345033	38.22 -2.10 0.00	35.15 -1.46 0.00	33.58 -1.62 0.00	32.92 -1.59 0.00	33.47 -1.61 0.00	35.06 -1.31 0.00	36.81 -1.49 0.00	37.69 -1.73 0.00	40.47 -2.00 0.00	43.07 -2.41 0.00	46.41 -2.91 0.00	45.54 -2.96 0.00	45.84 -3.03 0.00	43.48 -2.53 0.00	39.68 -2.35 0.00	40.31 -2.53 0.00	43.59 -2.54 0.00	43.55 -2.49 0.00	41.76 -2.15 0.00	38.40 -1.68 0.00	38.00 -1.66 -0.03	33.40 -1.34 -0.48	31.30 -1.32 -0.50	31.08 -1.25 -0.32
STA_56___34_KV_BUS2 355983	38.22 -2.10 0.00	35.15 -1.46 0.00	33.58 -1.62 0.00	32.92 -1.59 0.00	33.47 -1.61 0.00	35.06 -1.31 0.00	36.81 -1.49 0.00	37.69 -1.73 0.00	40.47 -2.00 0.00	43.07 -2.41 0.00	46.41 -2.91 0.00	45.54 -2.96 0.00	45.84 -3.03 0.00	43.48 -2.53 0.00	39.68 -2.35 0.00	40.31 -2.53 0.00	43.59 -2.54 0.00	43.55 -2.49 0.00	41.76 -2.15 0.00	38.40 -1.68 0.00	38.00 -1.66 -0.03	33.40 -1.34 -0.48	31.30 -1.32 -0.50	31.08 -1.25 -0.32
STA_67___115KV_BK2 355882	38.26 -2.06 0.00	35.22 -1.39 0.00	33.62 -1.58 0.00	32.95 -1.55 0.00	33.54 -1.54 0.00	35.13 -1.24 0.00	36.89 -1.42 0.00	37.73 -1.70 0.00	40.47 -2.00 0.00	43.07 -2.41 0.00	46.36 -2.96 0.00	45.49 -3.01 0.00	45.75 -3.13 0.00	43.43 -2.58 0.00	39.63 -2.40 0.00	40.27 -2.57 0.00	43.55 -2.58 0.00	43.55 -2.49 0.00	41.80 -2.11 0.00	38.44 -1.64 0.00	38.08 -1.59 -0.03	33.47 -1.27 -0.48	31.33 -1.28 -0.51	31.18 -1.15 -0.32
STA_7___115KV_9TRANS 80674	38.46 -1.85 0.00	35.40 -1.21 0.00	33.79 -1.41 0.00	33.12 -1.38 0.00	33.68 -1.40 0.00	35.31 -1.05 0.00	37.08 -1.23 0.00	37.97 -1.46 0.00	40.72 -1.74 0.00	43.34 -2.14 0.00	46.65 -2.66 0.00	45.78 -2.72 0.00	46.09 -2.79 0.00	43.75 -2.25 0.00	39.93 -2.10 0.00	40.57 -2.27 0.00	43.87 -2.26 0.00	43.88 -2.16 0.00	42.06 -1.84 0.00	38.68 -1.40 0.00	38.32 -1.35 -0.03	33.67 -1.06 -0.48	31.53 -1.09 -0.51	31.31 -1.02 -0.32
STA_82___115KV_TB1 80780	38.26 -2.06 0.00	35.22 -1.39 0.00	33.62 -1.58 0.00	32.95 -1.55 0.00	33.54 -1.54 0.00	35.13 -1.24 0.00	36.89 -1.42 0.00	37.73 -1.70 0.00	40.51 -1.95 0.00	43.07 -2.41 0.00	46.36 -2.96 0.00	45.49 -3.01 0.00	45.80 -3.08 0.00	43.43 -2.58 0.00	39.68 -2.35 0.00	40.31 -2.53 0.00	43.59 -2.54 0.00	43.60 -2.44 0.00	41.80 -2.11 0.00	38.44 -1.64 0.00	38.08 -1.59 -0.03	33.47 -1.27 -0.49	31.34 -1.28 -0.51	31.18 -1.15 -0.32
STEEL___WIND 323596	37.94 -2.38 0.00	35.30 -1.32 0.00	33.58 -1.62 0.00	32.92 -1.59 0.00	33.47 -1.61 0.00	35.20 -1.17 0.00	36.89 -1.42 0.00	37.42 -2.01 0.00	40.17 -2.29 0.00	42.70 -2.78 0.00	45.57 -3.75 0.00	44.57 -3.93 0.00	44.77 -4.11 0.00	42.69 -3.31 0.00	38.92 -3.11 0.00	39.54 -3.30 0.00	42.90 -3.23 0.00	42.96 -3.08 0.00	41.36 -2.55 0.00	38.24 -1.84 0.00	36.94 -2.73 -0.04	32.57 -2.33 -0.65	30.38 -2.41 -0.68	30.29 -2.14 -0.43
STEPHTWN_115KV_BK_2 55603	41.93 1.61 0.00	37.93 1.32 0.00	36.54 1.34 0.00	35.81 1.31 0.00	36.38 1.30 0.00	37.68 1.31 0.00	39.46 1.15 0.00	40.73 1.30 0.00	43.74 1.27 0.00	46.80 1.32 0.00	50.89 1.58 0.00	50.09 1.60 0.00	50.39 1.52 0.00	47.30 1.29 0.00	43.33 1.30 0.00	44.16 1.33 0.00	47.47 1.34 0.00	47.38 1.34 0.00	45.27 1.36 0.00	41.65 1.56 0.00	41.50 1.55 -0.32	40.81 1.37 -5.19	38.96 1.41 -5.44	36.84 1.38 -3.45
STEUBEN_REC_LFGE 323667	39.35 -0.97 0.00	36.32 -0.29 0.00	34.71 -0.49 0.00	34.09 -0.41 0.00	34.63 -0.46 0.00	36.26 -0.11 0.00	38.08 -0.23 0.00	38.95 -0.47 0.00	41.87 -0.59 0.00	44.66 -0.82 0.00	48.03 -1.28 0.00	47.14 -1.36 0.00	47.36 -1.52 0.00	44.90 -1.10 0.00	40.68 -1.34 0.00	41.08 -1.76 0.00	44.47 -1.66 0.00	44.70 -1.34 0.00	42.77 -1.14 0.00	39.20 -0.88 0.00	37.95 -1.74 -0.05	33.59 -1.54 -0.89	31.37 -1.67 -0.93	31.06 -1.54 -0.59
STILLWATER___SOLAR 323814	42.33 2.01 0.00	38.30 1.69 0.00	36.85 1.65 0.00	36.12 1.62 0.00	36.70 1.61 0.00	38.04 1.67 0.00	40.07 1.76 0.00	41.40 1.97 0.00	44.80 2.33 0.00	48.02 2.55 0.00	52.18 2.86 0.00	51.35 2.86 0.00	51.66 2.78 0.00	48.49 2.48 0.00	44.30 2.27 0.00	45.10 2.27 0.00	48.53 2.40 0.00	48.48 2.44 0.00	46.28 2.37 0.00	42.29 2.20 0.00	42.10 2.14 -0.32	41.43 1.85 -5.33	39.33 1.64 -5.59	37.19 1.63 -3.55
STONY___BROOK 24151	42.90 2.58 0.00	38.55 1.94 0.00	36.89 1.69 0.00	36.02 1.52 0.00	36.94 1.86 0.00	38.26 1.89 0.00	40.61 2.30 0.00	42.62 3.19 0.00	46.07 3.61 0.00	50.97 3.77 -1.72	54.86 4.04 -1.50	58.85 3.88 -6.47	60.25 3.86 -7.51	59.21 3.63 -9.57	59.41 3.70 -13.68	50.76 4.03 -3.90	50.53 4.38 -0.01	50.60 4.46 -0.09	47.77 3.86 0.00	43.45 3.37 0.00	43.27 3.37 -0.27	41.43 2.81 -4.37	38.91 2.21 -4.58	37.13 2.21 -2.91
STURGEON_POOL_HYD 23609	41.73 1.41 0.00	37.64 1.03 0.00	36.26 1.06 0.00	35.50 1.00 0.00	36.10 1.02 0.00	37.28 0.91 0.00	39.42 1.11 0.00	40.96 1.54 0.00	44.42 1.95 0.00	47.57 2.09 0.00	51.78 2.47 0.00	50.87 2.38 0.00	51.27 2.39 0.00	48.26 2.25 0.00	44.17 2.14 0.00	45.23 2.40 0.00	48.76 2.63 0.00	48.66 2.62 0.00	46.24 2.33 0.00	41.97 1.88 0.00	41.77 1.86 -0.27	40.13 1.44 -4.44	38.02 1.25 -4.65	36.08 1.12 -2.96
ST_LAW_115_BK7_LBMP 345037	40.24 -0.08 0.00	37.38 0.77 0.00	35.97 0.77 0.00	35.40 0.90 0.00	36.21 1.12 0.00	36.62 0.26 0.00	38.92 0.61 0.00	39.86 0.43 0.00	42.55 0.09 0.00	45.93 0.45 0.00	49.32 0.00 0.00	48.79 0.29 0.00	49.22 0.34 0.00	46.15 0.14 0.00	42.11 0.08 0.00	42.37 -0.47 0.00	45.25 -0.88 0.00	44.66 -1.38 0.00	42.50 -1.41 0.00	38.16 -1.92 0.00	38.13 -1.51 0.00	32.78 -1.47 0.00	30.86 -1.25 0.00	31.05 -0.96 0.00

ST_LAW_115_BK8_LBMP 345038	40.24 -0.08 0.00	37.38 0.77 0.00	35.97 0.77 0.00	35.40 0.90 0.00	36.21 1.12 0.00	36.62 0.26 0.00	38.92 0.61 0.00	39.86 0.43 0.00	42.55 0.09 0.00	45.93 0.45 0.00	49.32 0.00 0.00	48.79 0.29 0.00	49.22 0.34 0.00	46.15 0.14 0.00	42.11 0.08 0.00	42.37 -0.47 0.00	45.25 -0.88 0.00	44.66 -1.38 0.00	42.50 -1.41 0.00	38.16 -1.92 0.00	38.13 -1.51 0.00	32.78 -1.47 0.00	30.86 -1.25 0.00	31.05 -0.96 0.00
ST_LAW_230_BK5_LBMP 345035	40.24 -0.08 0.00	37.34 0.73 0.00	35.94 0.74 0.00	35.37 0.86 0.00	36.14 1.05 0.00	36.62 0.26 0.00	38.88 0.58 0.00	39.86 0.43 0.00	42.55 0.09 0.00	45.89 0.41 0.00	49.27 -0.05 0.00	48.74 0.24 0.00	49.22 0.34 0.00	46.10 0.09 0.00	42.11 0.08 0.00	42.32 -0.51 0.00	45.25 -0.88 0.00	44.66 -1.38 0.00	42.50 -1.41 0.00	38.20 -1.88 0.00	38.17 -1.47 0.00	32.81 -1.44 0.00	30.86 -1.25 0.00	31.05 -0.96 0.00
ST_LAW_230_BK6_LBMP 345036	40.24 -0.08 0.00	37.34 0.73 0.00	35.94 0.74 0.00	35.37 0.86 0.00	36.14 1.05 0.00	36.62 0.26 0.00	38.88 0.58 0.00	39.86 0.43 0.00	42.55 0.09 0.00	45.89 0.41 0.00	49.27 -0.05 0.00	48.74 0.24 0.00	49.22 0.34 0.00	46.10 0.09 0.00	42.11 0.08 0.00	42.32 -0.51 0.00	45.25 -0.88 0.00	44.66 -1.38 0.00	42.50 -1.41 0.00	38.20 -1.88 0.00	38.17 -1.47 0.00	32.81 -1.44 0.00	30.86 -1.25 0.00	31.05 -0.96 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	41.81 1.49 0.00	37.75 1.13 0.00	36.33 1.13 0.00	35.61 1.10 0.00	36.21 1.12 0.00	37.42 1.05 0.00	39.50 1.19 0.00	41.04 1.62 0.00	44.42 1.95 0.00	47.52 2.05 0.00	51.73 2.42 0.00	50.87 2.38 0.00	51.27 2.39 0.00	48.22 2.21 0.00	44.13 2.10 0.00	45.15 2.31 0.00	48.67 2.54 0.00	48.62 2.58 0.00	46.24 2.33 0.00	42.09 2.00 0.00	41.87 1.98 -0.25	40.07 1.71 -4.11	37.96 1.54 -4.31	36.12 1.38 -2.74
SWANROAD_115KV_TB1 355699	36.45 -3.87 0.00	34.01 -2.60 0.00	32.28 -2.92 0.00	31.64 -2.86 0.00	32.21 -2.88 0.00	33.89 -2.47 0.00	35.47 -2.83 0.00	35.92 -3.51 0.00	38.51 -3.95 0.00	40.70 -4.78 0.00	43.50 -5.82 0.00	42.53 -5.96 0.00	42.72 -6.16 0.00	40.81 -5.20 0.00	37.32 -4.71 0.00	37.87 -4.97 0.00	41.10 -5.03 0.00	41.11 -4.93 0.00	39.69 -4.22 0.00	36.72 -3.37 0.00	35.95 -3.73 -0.04	31.80 -3.05 -0.60	29.72 -3.02 -0.63	29.72 -2.69 -0.40
SYNERGY___BIOGAS 323694	38.06 -2.26 0.00	35.30 -1.32 0.00	33.62 -1.58 0.00	32.92 -1.59 0.00	33.51 -1.58 0.00	35.28 -1.09 0.00	37.01 -1.30 0.00	37.73 -1.69 0.00	40.43 -2.04 0.00	42.89 -2.59 0.00	45.86 -3.45 0.00	44.86 -3.64 0.00	45.11 -3.76 0.00	42.97 -3.04 0.00	39.21 -2.82 0.00	39.84 -3.00 0.00	43.22 -2.90 0.00	43.32 -2.72 0.00	41.67 -2.24 0.00	38.52 -1.56 0.00	37.77 -1.90 -0.03	33.27 -1.54 -0.55	31.06 -1.64 -0.58	30.94 -1.44 -0.37
SYRACUSE___ENERGY_ST1 323597	39.87 -0.44 0.00	36.28 -0.33 0.00	34.81 -0.39 0.00	34.16 -0.35 0.00	34.70 -0.39 0.00	36.08 -0.29 0.00	37.96 -0.34 0.00	38.95 -0.47 0.00	41.95 -0.51 0.00	44.98 -0.50 0.00	48.68 -0.64 0.00	47.86 -0.63 0.00	48.24 -0.64 0.00	45.46 -0.55 0.00	41.40 -0.63 0.00	42.15 -0.69 0.00	45.39 -0.74 0.00	45.35 -0.69 0.00	43.25 -0.66 0.00	39.52 -0.56 0.00	39.11 -0.55 -0.03	34.19 -0.48 -0.41	32.10 -0.45 -0.43	31.87 -0.42 -0.28
SYRACUSE___ENERGY_ST2 323598	39.87 -0.44 0.00	36.28 -0.33 0.00	34.81 -0.39 0.00	34.16 -0.35 0.00	34.70 -0.39 0.00	36.08 -0.29 0.00	37.96 -0.34 0.00	38.95 -0.47 0.00	41.95 -0.51 0.00	44.98 -0.50 0.00	48.68 -0.64 0.00	47.86 -0.63 0.00	48.24 -0.64 0.00	45.46 -0.55 0.00	41.40 -0.63 0.00	42.15 -0.69 0.00	45.39 -0.74 0.00	45.35 -0.69 0.00	43.25 -0.66 0.00	39.52 -0.56 0.00	39.11 -0.55 -0.03	34.19 -0.48 -0.41	32.10 -0.45 -0.43	31.87 -0.42 -0.28
SYRACUSE___POWER 24017	39.79 -0.52 0.00	36.21 -0.40 0.00	34.74 -0.46 0.00	34.09 -0.41 0.00	34.63 -0.46 0.00	36.00 -0.36 0.00	37.92 -0.38 0.00	38.91 -0.51 0.00	41.91 -0.55 0.00	44.89 -0.59 0.00	48.63 -0.69 0.00	47.77 -0.73 0.00	48.19 -0.68 0.00	45.41 -0.60 0.00	41.36 -0.67 0.00	42.11 -0.73 0.00	45.39 -0.74 0.00	45.35 -0.69 0.00	43.25 -0.66 0.00	39.52 -0.56 0.00	39.07 -0.59 -0.03	34.21 -0.48 -0.43	32.09 -0.48 -0.46	31.85 -0.45 -0.29
TALLMAN___138KV_BK151 55660	41.97 1.65 0.00	37.82 1.21 0.00	36.43 1.23 0.00	35.68 1.17 0.00	36.28 1.19 0.00	37.50 1.13 0.00	39.61 1.30 0.00	41.20 1.77 0.00	44.59 2.12 0.00	47.75 2.27 0.00	52.03 2.71 0.00	51.16 2.67 0.00	51.56 2.69 0.00	48.49 2.48 0.00	44.38 2.35 0.00	45.36 2.53 0.00	48.94 2.81 0.00	48.94 2.90 0.00	46.50 2.59 0.00	42.33 2.24 0.00	42.11 2.22 -0.26	40.43 1.95 -4.22	38.24 1.70 -4.43	36.33 1.50 -2.81
TEALLAVE_115KV_TB7 355573	39.63 -0.69 0.00	36.06 -0.55 0.00	34.64 -0.56 0.00	33.95 -0.55 0.00	34.52 -0.56 0.00	35.90 -0.47 0.00	37.77 -0.54 0.00	38.76 -0.67 0.00	41.74 -0.72 0.00	44.70 -0.77 0.00	48.38 -0.94 0.00	47.57 -0.92 0.00	47.95 -0.93 0.00	45.23 -0.78 0.00	41.19 -0.84 0.00	41.94 -0.90 0.00	45.21 -0.92 0.00	45.12 -0.92 0.00	43.07 -0.83 0.00	39.36 -0.72 0.00	38.90 -0.75 -0.02	33.96 -0.65 -0.36	31.88 -0.61 -0.38	31.67 -0.58 -0.24
TELGRAPH_34_KV_EAST 80808	37.45 -2.86 0.00	34.82 -1.79 0.00	33.12 -2.08 0.00	32.47 -2.04 0.00	33.05 -2.03 0.00	34.77 -1.60 0.00	36.43 -1.88 0.00	37.02 -2.40 0.00	39.70 -2.76 0.00	42.02 -3.46 0.00	44.98 -4.34 0.00	44.03 -4.46 0.00	44.23 -4.64 0.00	42.19 -3.82 0.00	38.54 -3.49 0.00	39.07 -3.77 0.00	42.44 -3.69 0.00	42.45 -3.59 0.00	40.92 -2.99 0.00	37.84 -2.24 0.00	37.05 -2.62 -0.03	32.70 -2.12 -0.57	30.53 -2.18 -0.60	30.44 -1.95 -0.38
TEMPLE___115KV_TB 2 55572	39.67 -0.65 0.00	36.10 -0.51 0.00	34.64 -0.56 0.00	33.99 -0.52 0.00	34.52 -0.56 0.00	35.90 -0.47 0.00	37.81 -0.50 0.00	38.80 -0.63 0.00	41.74 -0.72 0.00	44.75 -0.73 0.00	48.43 -0.89 0.00	47.62 -0.87 0.00	48.00 -0.88 0.00	45.23 -0.78 0.00	41.23 -0.80 0.00	41.98 -0.86 0.00	45.21 -0.92 0.00	45.17 -0.87 0.00	43.07 -0.83 0.00	39.36 -0.72 0.00	38.90 -0.75 -0.02	34.00 -0.62 -0.37	31.92 -0.58 -0.39	31.71 -0.54 -0.24
TIANA____69_KV_BK 1 55817	43.06 2.74 0.00	38.59 1.98 0.00	37.03 1.83 0.00	36.16 1.66 0.00	37.23 2.14 0.00	38.51 2.15 0.00	40.80 2.49 0.00	42.82 3.39 0.00	46.24 3.78 0.00	50.97 3.77 -1.72	54.66 3.85 -1.49	58.57 3.64 -6.44	59.97 3.62 -7.48	58.94 3.40 -9.53	59.39 3.74 -13.62	50.83 4.11 -3.88	50.57 4.43 -0.01	50.69 4.56 -0.09	47.68 3.78 0.00	43.37 3.29 0.00	43.15 3.25 -0.27	41.40 2.77 -4.37	38.81 2.12 -4.58	37.16 2.24 -2.91
TILDEN___115KV_TB1 80814	39.79 -0.52 0.00	36.21 -0.40 0.00	34.74 -0.46 0.00	34.09 -0.41 0.00	34.63 -0.46 0.00	36.00 -0.36 0.00	37.92 -0.38 0.00	38.91 -0.51 0.00	41.91 -0.55 0.00	44.89 -0.59 0.00	48.63 -0.69 0.00	47.77 -0.73 0.00	48.19 -0.68 0.00	45.41 -0.60 0.00	41.36 -0.67 0.00	42.11 -0.73 0.00	45.39 -0.74 0.00	45.35 -0.69 0.00	43.25 -0.66 0.00	39.52 -0.56 0.00	39.07 -0.59 -0.03	34.21 -0.48 -0.43	32.09 -0.48 -0.46	31.85 -0.45 -0.29

TRIGEN___CC 323695	42.37 2.06 0.00	38.04 1.43 0.00	36.57 1.37 0.00	35.74 1.24 0.00	36.52 1.44 0.00	37.79 1.42 0.00	39.99 1.69 0.00	41.91 2.48 0.00	45.35 2.89 0.00	51.42 2.91 -3.03	55.21 3.25 -2.63	63.03 3.15 -11.38	65.22 3.13 -13.22	65.75 2.90 -16.84	68.92 2.82 -24.08	52.87 3.17 -6.86	49.61 3.46 -0.02	49.70 3.50 -0.16	47.03 3.12 0.00	42.85 2.77 0.00	42.68 2.77 -0.27	40.99 2.36 -4.37	38.62 1.93 -4.58	36.74 1.82 -2.91
TRINITY___115KV___4 BK 55933	41.57 1.25 0.00	37.64 1.03 0.00	36.26 1.06 0.00	35.54 1.04 0.00	36.14 1.05 0.00	37.39 1.02 0.00	39.15 0.84 0.00	40.37 0.95 0.00	43.36 0.89 0.00	46.39 0.91 0.00	50.40 1.08 0.00	49.61 1.12 0.00	49.95 1.08 0.00	46.93 0.92 0.00	43.00 0.97 0.00	43.82 0.99 0.00	47.10 0.97 0.00	46.96 0.92 0.00	44.83 0.92 0.00	41.25 1.16 0.00	41.14 1.19 -0.32	40.51 1.06 -5.20	38.68 1.12 -5.45	36.59 1.12 -3.46
UNION___PROCESSING_DRP 323587	38.26 -2.06 0.00	35.26 -1.35 0.00	33.65 -1.55 0.00	32.98 -1.52 0.00	33.54 -1.54 0.00	35.13 -1.24 0.00	36.93 -1.38 0.00	37.73 -1.70 0.00	40.51 -1.95 0.00	43.07 -2.41 0.00	46.36 -2.96 0.00	45.49 -3.01 0.00	45.80 -3.08 0.00	43.43 -2.58 0.00	39.68 -2.35 0.00	40.31 -2.53 0.00	43.59 -2.54 0.00	43.60 -2.44 0.00	41.80 -2.11 0.00	38.44 -1.64 0.00	38.08 -1.59 -0.03	33.51 -1.23 -0.49	31.37 -1.25 -0.51	31.18 -1.15 -0.33
UPPER HUDSON___HYD 24058	42.74 2.42 0.00	38.66 2.05 0.00	37.17 1.97 0.00	36.47 1.97 0.00	37.01 1.93 0.00	38.40 2.04 0.00	40.45 2.14 0.00	41.83 2.41 0.00	45.35 2.89 0.00	48.61 3.14 0.00	52.87 3.55 0.00	51.99 3.49 0.00	52.24 3.37 0.00	48.91 2.90 0.00	44.68 2.65 0.00	45.45 2.61 0.00	48.85 2.72 0.00	48.85 2.81 0.00	46.63 2.72 0.00	42.65 2.57 0.00	42.46 2.50 -0.33	41.73 2.12 -5.35	39.59 1.86 -5.61	37.43 1.86 -3.57
UPPER RAQUET___HYD 24056	40.64 0.32 0.00	37.75 1.14 0.00	36.33 1.13 0.00	35.78 1.28 0.00	36.56 1.47 0.00	37.02 0.66 0.00	39.38 1.07 0.00	40.45 1.02 0.00	43.14 0.68 0.00	46.62 1.14 0.00	49.96 0.64 0.00	49.37 0.87 0.00	49.85 0.98 0.00	46.65 0.64 0.00	42.54 0.51 0.00	42.84 0.00 0.00	45.85 -0.28 0.00	45.26 -0.78 0.00	43.07 -0.84 0.00	38.64 -1.44 0.00	38.61 -1.03 -0.01	33.21 -1.13 -0.09	31.24 -0.96 -0.10	31.39 -0.67 -0.06
VALLEY44_115KV_TB2 355964	38.26 -2.06 0.00	35.51 -1.10 0.00	33.86 -1.34 0.00	33.19 -1.31 0.00	33.75 -1.33 0.00	35.46 -0.91 0.00	37.31 -1.00 0.00	37.97 -1.46 0.00	40.68 -1.78 0.00	43.16 -2.32 0.00	46.31 -3.01 0.00	45.25 -3.25 0.00	45.45 -3.42 0.00	43.25 -2.76 0.00	39.38 -2.65 0.00	39.92 -2.91 0.00	43.50 -2.63 0.00	43.92 -2.12 0.00	42.33 -1.58 0.00	38.96 -1.12 0.00	36.47 -3.21 -0.04	31.92 -3.05 -0.72	29.62 -3.24 -0.75	29.35 -3.14 -0.48
VALLEY___115KV_TB 1-4 80826	41.32 1.01 0.00	37.53 0.92 0.00	36.08 0.88 0.00	35.30 0.79 0.00	35.86 0.77 0.00	37.13 0.76 0.00	39.07 0.77 0.00	40.18 0.75 0.00	43.19 0.72 0.00	46.34 0.86 0.00	50.25 0.94 0.00	49.46 0.97 0.00	50.00 1.12 0.00	47.16 1.15 0.00	43.08 1.05 0.00	43.91 1.07 0.00	47.24 1.11 0.00	47.05 1.01 0.00	44.79 0.88 0.00	40.77 0.68 0.00	40.19 0.55 0.00	34.66 0.41 0.00	32.50 0.39 0.00	32.36 0.35 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	41.85 1.53 0.00	38.00 1.39 0.00	36.54 1.34 0.00	35.74 1.24 0.00	36.35 1.26 0.00	37.75 1.38 0.00	39.84 1.53 0.00	41.28 1.85 0.00	44.54 2.08 0.00	47.93 2.46 0.00	52.08 2.76 0.00	51.06 2.57 0.00	51.51 2.64 0.00	48.49 2.48 0.00	44.13 2.10 0.00	45.02 2.18 0.00	48.53 2.40 0.00	48.39 2.35 0.00	46.10 2.20 0.00	42.05 1.96 0.00	41.61 1.86 -0.11	37.54 1.51 -1.79	35.30 1.32 -1.87	34.41 1.22 -1.19
VISCHER___FERRY HYD 24020	41.93 1.61 0.00	37.93 1.32 0.00	36.50 1.30 0.00	35.78 1.28 0.00	36.38 1.30 0.00	37.71 1.35 0.00	39.68 1.38 0.00	41.00 1.58 0.00	44.25 1.78 0.00	47.39 1.91 0.00	51.48 2.17 0.00	50.68 2.18 0.00	51.02 2.15 0.00	47.94 1.93 0.00	43.88 1.85 0.00	44.68 1.84 0.00	48.11 1.98 0.00	48.02 1.98 0.00	45.84 1.93 0.00	41.85 1.76 0.00	41.70 1.74 -0.32	41.01 1.51 -5.26	39.00 1.38 -5.51	36.85 1.34 -3.50
V_A_10_SYNC_DSASP 323832	37.17 -3.14 0.00	34.49 -2.12 0.00	32.81 -2.39 0.00	32.19 -2.31 0.00	32.74 -2.35 0.00	34.37 -2.00 0.00	36.05 -2.26 0.00	36.67 -2.76 0.00	39.32 -3.14 0.00	41.75 -3.73 0.00	44.63 -4.69 0.00	43.74 -4.75 0.00	43.99 -4.89 0.00	41.87 -4.14 0.00	38.29 -3.74 0.00	38.94 -3.90 0.00	42.16 -3.97 0.00	42.17 -3.87 0.00	40.53 -3.38 0.00	37.40 -2.69 0.00	37.05 -2.62 -0.03	32.73 -2.05 -0.54	30.62 -2.06 -0.56	30.54 -1.82 -0.36
V_CMM_10_SYNC_DSASP 323787	40.48 0.16 0.00	37.60 0.99 0.00	36.18 0.98 0.00	35.64 1.14 0.00	36.42 1.33 0.00	36.81 0.44 0.00	39.11 0.81 0.00	40.10 0.67 0.00	42.76 0.30 0.00	46.16 0.68 0.00	49.56 0.25 0.00	49.03 0.53 0.00	49.51 0.63 0.00	46.42 0.41 0.00	42.36 0.33 0.00	42.58 -0.26 0.00	45.53 -0.60 0.00	44.89 -1.15 0.00	42.72 -1.18 0.00	38.36 -1.72 0.00	38.33 -1.31 0.00	32.95 -1.30 0.00	30.99 -1.12 0.00	31.21 -0.80 0.00
V_CMP_10_SYNC_DSASP 323788	41.04 0.73 0.00	38.26 1.65 0.00	36.82 1.62 0.00	36.30 1.79 0.00	37.12 2.03 0.00	37.53 1.16 0.00	39.92 1.61 0.00	40.92 1.50 0.00	43.70 1.23 0.00	47.16 1.68 0.00	50.55 1.23 0.00	50.00 1.50 0.00	50.44 1.56 0.00	47.29 1.29 0.00	43.20 1.18 0.00	43.48 0.64 0.00	46.50 0.37 0.00	45.86 -0.18 0.00	43.65 -0.26 0.00	39.17 -0.92 0.00	39.04 -0.59 0.00	33.50 -0.75 0.00	31.40 -0.71 0.00	31.53 -0.48 0.00
V_D_10_SYNC_DSASP 323841	40.76 0.44 0.00	37.86 1.25 0.00	36.43 1.23 0.00	35.85 1.34 0.00	36.67 1.58 0.00	37.02 0.66 0.00	39.34 1.03 0.00	40.33 0.91 0.00	43.06 0.59 0.00	46.48 1.00 0.00	49.86 0.54 0.00	49.32 0.82 0.00	49.80 0.93 0.00	46.65 0.64 0.00	42.57 0.54 0.00	42.84 0.00 0.00	45.76 -0.37 0.00	45.16 -0.88 0.00	42.94 -0.97 0.00	38.56 -1.52 0.00	38.53 -1.11 0.00	33.19 -1.13 -0.07	31.22 -0.96 -0.07	31.41 -0.64 -0.04
V_E_10_SYNC_DSASP 323830	42.82 2.50 0.00	39.03 2.42 0.00	37.49 2.29 0.00	36.64 2.14 0.00	37.23 2.14 0.00	38.99 2.62 0.00	41.18 2.87 0.00	42.74 3.31 0.00	45.95 3.48 0.00	49.62 4.14 0.00	53.76 4.44 0.00	52.61 4.12 0.00	53.22 4.35 0.00	50.15 4.14 0.00	45.35 3.32 0.00	46.22 3.38 0.00	49.91 3.78 0.00	49.82 3.78 0.00	47.46 3.55 0.00	43.25 3.17 0.00	42.69 2.97 -0.08	37.83 2.30 -1.28	35.45 1.99 -1.34	34.68 1.82 -0.85
V_F_30_NSYNC___DSASP 323816	42.37 2.06 0.00	38.33 1.72 0.00	36.89 1.69 0.00	36.16 1.66 0.00	36.74 1.65 0.00	38.08 1.71 0.00	40.07 1.76 0.00	41.40 1.97 0.00	44.80 2.33 0.00	48.07 2.59 0.00	52.23 2.91 0.00	51.40 2.91 0.00	51.71 2.83 0.00	48.49 2.48 0.00	44.34 2.31 0.00	45.15 2.31 0.00	48.53 2.40 0.00	48.52 2.48 0.00	46.28 2.37 0.00	42.29 2.20 0.00	42.14 2.18 -0.33	41.47 1.88 -5.34	39.38 1.67 -5.60	37.20 1.63 -3.56

V_F_30_SYNC_DSASP 323786	41.69 1.37 0.00	37.75 1.13 0.00	36.36 1.16 0.00	35.64 1.14 0.00	36.24 1.16 0.00	37.46 1.09 0.00	39.23 0.92 0.00	40.49 1.06 0.00	43.48 1.02 0.00	46.52 1.05 0.00	50.60 1.28 0.00	49.80 1.31 0.00	50.15 1.27 0.00	47.11 1.10 0.00	43.12 1.09 0.00	43.95 1.11 0.00	47.19 1.06 0.00	47.10 1.06 0.00	44.96 1.05 0.00	41.37 1.28 0.00	41.26 1.31 -0.32	40.65 1.16 -5.23	38.82 1.22 -5.49	36.68 1.18 -3.49
V_XM_10_SYNC_DSASP 323789	41.04 0.73 0.00	38.26 1.65 0.00	36.82 1.62 0.00	36.30 1.79 0.00	37.12 2.03 0.00	37.53 1.16 0.00	39.92 1.61 0.00	40.92 1.50 0.00	43.70 1.23 0.00	47.16 1.68 0.00	50.55 1.23 0.00	50.00 1.50 0.00	50.44 1.56 0.00	47.29 1.29 0.00	43.20 1.18 0.00	43.48 0.64 0.00	46.50 0.37 0.00	45.86 -0.18 0.00	43.65 -0.26 0.00	39.17 -0.92 0.00	39.04 -0.59 0.00	33.50 -0.75 0.00	31.40 -0.71 0.00	31.53 -0.48 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	42.05 1.73 0.00	37.93 1.32 0.00	36.54 1.34 0.00	35.74 1.24 0.00	36.38 1.30 0.00	37.60 1.24 0.00	39.73 1.42 0.00	41.32 1.89 0.00	44.71 2.25 0.00	47.89 2.41 0.00	52.18 2.86 0.00	51.26 2.76 0.00	51.66 2.79 0.00	48.58 2.58 0.00	44.47 2.44 0.00	45.49 2.66 0.00	49.08 2.95 0.00	49.03 2.99 0.00	46.63 2.72 0.00	42.45 2.37 0.00	42.23 2.34 -0.26	40.52 2.02 -4.25	38.36 1.80 -4.45	36.44 1.60 -2.83
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	42.37 2.06 0.00	38.22 1.61 0.00	36.78 1.58 0.00	36.02 1.52 0.00	36.63 1.54 0.00	37.86 1.49 0.00	39.96 1.65 0.00	41.63 2.21 0.00	45.05 2.59 0.00	48.25 2.77 0.00	52.62 3.30 0.00	51.74 3.25 0.00	52.15 3.27 0.00	49.04 3.04 0.00	44.89 2.86 0.00	45.92 3.08 0.00	49.45 3.32 0.00	49.35 3.31 0.00	46.94 3.03 0.00	42.73 2.65 0.00	42.52 2.62 -0.27	40.95 2.33 -4.37	38.81 2.12 -4.58	36.81 1.89 -2.91
W50THST__13_KV_LOAD 356117	42.53 2.22 0.00	38.37 1.76 0.00	36.92 1.72 0.00	36.16 1.66 0.00	36.77 1.68 0.00	38.00 1.64 0.00	40.15 1.84 0.00	41.79 2.37 0.00	45.27 2.80 0.00	48.48 3.00 0.00	52.87 3.55 0.00	51.99 3.49 0.00	52.39 3.52 0.00	49.27 3.27 0.00	45.14 3.11 0.00	46.13 3.30 0.00	49.68 3.55 0.00	49.59 3.55 0.00	47.11 3.21 0.00	42.93 2.85 0.00	42.68 2.77 -0.27	41.09 2.47 -4.37	38.94 2.25 -4.58	36.94 2.02 -2.91
WADING RIVER_IC_1 23522	42.78 2.46 0.00	38.44 1.83 0.00	36.79 1.59 0.00	35.92 1.42 0.00	37.05 1.96 0.00	38.37 2.00 0.00	40.68 2.38 0.00	42.66 3.23 0.00	46.07 3.61 0.00	50.74 3.55 -1.72	54.31 3.50 -1.49	58.23 3.30 -6.44	59.63 3.28 -7.48	58.62 3.08 -9.53	59.22 3.57 -13.62	50.74 4.03 -3.88	50.47 4.33 -0.01	50.55 4.42 -0.09	47.64 3.73 0.00	43.33 3.25 0.00	43.11 3.21 -0.27	41.33 2.71 -4.37	38.81 2.12 -4.58	37.10 2.18 -2.91
WADING RIVER_IC_2 23547	42.78 2.46 0.00	38.44 1.83 0.00	36.79 1.59 0.00	35.92 1.42 0.00	37.05 1.96 0.00	38.37 2.00 0.00	40.68 2.38 0.00	42.66 3.23 0.00	46.07 3.61 0.00	50.74 3.55 -1.72	54.31 3.50 -1.49	58.23 3.30 -6.44	59.63 3.28 -7.48	58.62 3.08 -9.53	59.22 3.57 -13.62	50.74 4.03 -3.88	50.47 4.33 -0.01	50.55 4.42 -0.09	47.64 3.73 0.00	43.33 3.25 0.00	43.11 3.21 -0.27	41.33 2.71 -4.37	38.81 2.12 -4.58	37.10 2.18 -2.91
WADING RIVER_IC_3 23601	42.78 2.46 0.00	38.44 1.83 0.00	36.79 1.59 0.00	35.92 1.42 0.00	37.05 1.96 0.00	38.37 2.00 0.00	40.68 2.38 0.00	42.66 3.23 0.00	46.07 3.61 0.00	50.74 3.55 -1.72	54.31 3.50 -1.49	58.23 3.30 -6.44	59.63 3.28 -7.48	58.62 3.08 -9.53	59.22 3.57 -13.62	50.74 4.03 -3.88	50.47 4.33 -0.01	50.55 4.42 -0.09	47.64 3.73 0.00	43.33 3.25 0.00	43.11 3.21 -0.27	41.33 2.71 -4.37	38.81 2.12 -4.58	37.10 2.18 -2.91
WALDENNY_12_KV_BK2 80841	37.86 -2.46 0.00	35.22 -1.39 0.00	33.51 -1.69 0.00	32.85 -1.66 0.00	33.44 -1.65 0.00	35.17 -1.20 0.00	36.85 -1.46 0.00	37.38 -2.05 0.00	40.09 -2.38 0.00	42.57 -2.91 0.00	45.52 -3.80 0.00	44.52 -3.98 0.00	44.72 -4.15 0.00	42.65 -3.36 0.00	38.92 -3.11 0.00	39.45 -3.38 0.00	42.81 -3.32 0.00	42.86 -3.18 0.00	41.36 -2.55 0.00	38.20 -1.88 0.00	36.98 -2.70 -0.04	32.60 -2.29 -0.64	30.41 -2.38 -0.67	30.32 -2.11 -0.43
WALDEN__HYDRO 24148	42.01 1.69 0.00	37.89 1.28 0.00	36.50 1.30 0.00	35.74 1.24 0.00	36.35 1.26 0.00	37.57 1.20 0.00	39.65 1.34 0.00	41.16 1.73 0.00	44.59 2.12 0.00	47.75 2.27 0.00	51.98 2.66 0.00	51.06 2.57 0.00	51.47 2.59 0.00	48.40 2.39 0.00	44.30 2.27 0.00	45.36 2.53 0.00	48.90 2.77 0.00	48.80 2.76 0.00	46.41 2.50 0.00	42.21 2.12 0.00	42.04 2.14 -0.26	40.33 1.82 -4.27	38.22 1.64 -4.47	36.35 1.50 -2.84
WARRENSBURG____ 23737	42.74 2.42 0.00	38.66 2.05 0.00	37.17 1.97 0.00	36.47 1.97 0.00	37.01 1.93 0.00	38.40 2.04 0.00	40.45 2.14 0.00	41.83 2.41 0.00	45.35 2.89 0.00	48.61 3.14 0.00	52.87 3.55 0.00	51.99 3.49 0.00	52.24 3.37 0.00	48.91 2.90 0.00	44.68 2.65 0.00	45.45 2.61 0.00	48.85 2.72 0.00	48.85 2.81 0.00	46.63 2.72 0.00	42.65 2.57 0.00	42.46 2.50 -0.33	41.73 2.12 -5.35	39.59 1.86 -5.61	37.43 1.86 -3.57
WATERSIDE____6 8 9 23538	42.54 2.22 -0.01	38.38 1.76 -0.01	36.93 1.72 -0.01	36.17 1.66 -0.01	36.78 1.68 -0.01	37.90 1.53 0.00	39.88 1.57 0.00	41.48 2.05 0.00	44.93 2.46 0.00	48.07 2.59 0.00	52.42 3.11 0.00	51.60 3.10 0.00	52.00 3.13 0.00	48.91 2.90 0.00	44.80 2.77 0.00	45.79 2.96 0.00	49.36 3.23 0.00	49.22 3.18 0.00	46.81 2.90 0.00	42.65 2.57 0.00	42.40 2.50 -0.27	40.95 2.33 -4.37	38.98 2.28 -4.59	36.97 2.05 -2.92
WATKINRD_115KV_LN8_ILLION 55919	41.00 0.69 0.00	37.24 0.62 0.00	35.80 0.60 0.00	35.05 0.55 0.00	35.65 0.56 0.00	36.95 0.58 0.00	38.88 0.57 0.00	40.02 0.59 0.00	43.06 0.59 0.00	46.16 0.68 0.00	50.06 0.74 0.00	49.27 0.78 0.00	49.71 0.83 0.00	46.84 0.83 0.00	42.79 0.76 0.00	43.61 0.77 0.00	46.91 0.78 0.00	46.78 0.74 0.00	44.57 0.66 0.00	40.61 0.52 0.00	40.15 0.52 0.00	34.63 0.38 0.00	32.46 0.35 0.00	32.36 0.35 0.00
WATSON__69_KV_BK 1 55734	43.06 2.74 0.00	38.59 1.98 0.00	37.03 1.83 0.00	36.16 1.66 0.00	37.05 1.96 0.00	38.40 2.04 0.00	40.72 2.41 0.00	42.78 3.35 0.00	46.29 3.82 0.00	51.21 3.96 -1.77	55.20 4.34 -1.54	59.32 4.17 -6.65	60.76 4.15 -7.73	59.76 3.91 -9.84	59.97 3.87 -14.07	51.09 4.24 -4.01	50.75 4.61 -0.01	50.88 4.74 -0.09	47.95 4.04 0.00	43.65 3.57 0.00	43.43 3.53 -0.27	41.60 2.98 -4.37	39.04 2.34 -4.58	37.26 2.34 -2.91
WDELAWARE__HYD 323627	41.61 1.29 0.00	37.53 0.92 0.00	36.15 0.95 0.00	35.40 0.90 0.00	36.00 0.91 0.00	37.24 0.87 0.00	39.34 1.03 0.00	40.77 1.34 0.00	44.21 1.74 0.00	47.25 1.77 0.00	51.44 2.12 0.00	50.48 1.99 0.00	50.93 2.05 0.00	47.89 1.89 0.00	43.84 1.81 0.00	44.89 2.06 0.00	48.39 2.26 0.00	48.25 2.21 0.00	45.93 2.02 0.00	41.73 1.64 0.00	41.50 1.63 -0.23	39.48 1.37 -3.85	37.37 1.22 -4.04	35.72 1.15 -2.57

WEST BABYLON___IC 23714	42.94 2.62 0.00	38.52 1.90 0.00	36.96 1.76 0.00	36.12 1.62 0.00	36.95 1.86 0.00	38.26 1.89 0.00	40.61 2.30 0.00	42.62 3.19 0.00	46.12 3.65 0.00	51.15 3.77 -1.89	55.11 4.14 -1.65	59.58 3.98 -7.11	61.09 3.96 -8.26	60.25 3.73 -10.52	60.72 3.66 -15.03	51.15 4.03 -4.28	50.57 4.43 -0.01	50.65 4.51 -0.10	47.82 3.91 0.00	43.53 3.45 0.00	43.31 3.41 -0.27	41.50 2.88 -4.37	38.97 2.28 -4.58	37.19 2.27 -2.91
WEST CANADA___HYD 24049	40.48 0.16 0.00	36.76 0.15 0.00	35.34 0.14 0.00	34.64 0.14 0.00	35.23 0.14 0.00	36.48 0.11 0.00	38.46 0.15 0.00	39.58 0.16 0.00	42.63 0.17 0.00	45.66 0.18 0.00	49.56 0.25 0.00	48.74 0.24 0.00	49.12 0.25 0.00	46.24 0.23 0.00	42.24 0.21 0.00	43.01 0.17 0.00	46.31 0.19 0.00	46.18 0.14 0.00	44.04 0.13 0.00	40.17 0.08 0.00	39.75 0.12 0.00	34.35 0.10 0.00	32.21 0.10 0.00	32.10 0.10 0.00
WESTERN_NY_WIND 24143	37.98 -2.34 0.00	35.26 -1.35 0.00	33.55 -1.65 0.00	32.88 -1.62 0.00	33.47 -1.61 0.00	35.24 -1.13 0.00	36.97 -1.34 0.00	37.65 -1.77 0.00	40.34 -2.12 0.00	42.70 -2.77 0.00	45.77 -3.55 0.00	44.76 -3.73 0.00	44.96 -3.91 0.00	42.88 -3.13 0.00	39.13 -2.90 0.00	39.71 -3.13 0.00	43.08 -3.04 0.00	43.19 -2.85 0.00	41.62 -2.28 0.00	38.44 -1.64 0.00	37.69 -1.98 -0.03	33.20 -1.61 -0.56	31.03 -1.67 -0.59	30.88 -1.50 -0.37
WESTOVER___LESR 323668	40.36 0.04 0.00	36.80 0.18 0.00	35.27 0.07 0.00	34.61 0.10 0.00	35.16 0.07 0.00	36.59 0.22 0.00	38.54 0.23 0.00	39.70 0.28 0.00	42.72 0.25 0.00	45.75 0.27 0.00	49.46 0.15 0.00	48.59 0.10 0.00	48.97 0.10 0.00	46.19 0.18 0.00	42.07 0.04 0.00	42.84 0.00 0.00	46.27 0.14 0.00	46.27 0.23 0.00	44.22 0.31 0.00	40.41 0.32 0.00	39.76 0.04 -0.08	35.59 0.00 -1.34	33.42 -0.10 -1.40	32.80 -0.10 -0.89
WETHRSFD_WT_PWR 323626	38.14 -2.18 0.00	35.37 -1.24 0.00	33.72 -1.48 0.00	33.09 -1.42 0.00	33.65 -1.44 0.00	35.31 -1.06 0.00	37.04 -1.26 0.00	37.73 -1.69 0.00	40.51 -1.95 0.00	43.11 -2.37 0.00	46.16 -3.16 0.00	45.15 -3.35 0.00	45.41 -3.47 0.00	43.16 -2.85 0.00	39.30 -2.73 0.00	39.88 -2.96 0.00	43.22 -2.90 0.00	43.32 -2.72 0.00	41.62 -2.29 0.00	38.36 -1.72 0.00	37.22 -2.46 -0.04	32.87 -2.12 -0.74	30.67 -2.22 -0.78	30.52 -1.98 -0.49
WHAVSTOR_138KV_BK127 55557	41.93 1.61 0.00	37.82 1.21 0.00	36.43 1.23 0.00	35.68 1.17 0.00	36.28 1.19 0.00	37.50 1.13 0.00	39.61 1.30 0.00	41.20 1.77 0.00	44.59 2.12 0.00	47.75 2.27 0.00	52.03 2.71 0.00	51.11 2.62 0.00	51.51 2.64 0.00	48.45 2.44 0.00	44.34 2.31 0.00	45.36 2.53 0.00	48.90 2.77 0.00	48.89 2.85 0.00	46.50 2.59 0.00	42.33 2.24 0.00	42.11 2.22 -0.26	40.42 1.92 -4.25	38.27 1.70 -4.45	36.34 1.50 -2.83
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	41.93 1.61 0.00	37.82 1.21 0.00	36.43 1.23 0.00	35.68 1.17 0.00	36.28 1.19 0.00	37.50 1.13 0.00	39.61 1.30 0.00	41.20 1.77 0.00	44.59 2.12 0.00	47.75 2.27 0.00	52.03 2.71 0.00	51.11 2.62 0.00	51.51 2.64 0.00	48.45 2.44 0.00	44.34 2.31 0.00	45.36 2.53 0.00	48.90 2.77 0.00	48.89 2.85 0.00	46.50 2.59 0.00	42.33 2.24 0.00	42.11 2.22 -0.26	40.42 1.92 -4.25	38.27 1.70 -4.45	36.34 1.50 -2.83
WHITEHAL_115KV_TB1 80871	43.42 3.10 0.00	39.25 2.64 0.00	37.73 2.53 0.00	37.02 2.52 0.00	37.58 2.49 0.00	38.99 2.62 0.00	41.07 2.76 0.00	42.46 3.04 0.00	46.12 3.65 0.00	49.48 4.00 0.00	53.80 4.49 0.00	53.00 4.51 0.00	53.18 4.30 0.00	49.69 3.68 0.00	45.39 3.36 0.00	46.13 3.30 0.00	49.54 3.41 0.00	49.63 3.59 0.00	47.42 3.51 0.00	43.41 3.33 0.00	43.21 3.25 -0.33	42.37 2.77 -5.35	40.09 2.38 -5.61	37.94 2.37 -3.56
WHITEPLN_13_KV_LOAD 356215	42.49 2.18 0.00	38.30 1.68 0.00	36.85 1.65 0.00	36.09 1.59 0.00	36.74 1.65 0.00	37.93 1.56 0.00	40.07 1.76 0.00	41.83 2.40 0.00	45.35 2.89 0.00	48.62 3.14 0.00	52.97 3.65 0.00	52.08 3.59 0.00	52.49 3.62 0.00	49.37 3.36 0.00	45.10 3.07 0.00	46.09 3.26 0.00	49.77 3.64 0.00	49.63 3.59 0.00	47.20 3.29 0.00	42.97 2.89 0.00	42.71 2.81 -0.27	41.08 2.47 -4.36	38.87 2.18 -4.57	36.83 1.92 -2.91
WM_FLOYD_69_KV_BK2 356380	42.82 2.50 0.00	38.33 1.72 0.00	36.82 1.62 0.00	35.95 1.45 0.00	36.98 1.89 0.00	38.30 1.93 0.00	40.61 2.30 0.00	42.58 3.15 0.00	46.03 3.57 0.00	50.84 3.64 -1.72	54.56 3.75 -1.49	58.49 3.54 -6.45	59.89 3.52 -7.49	58.91 3.36 -9.55	59.25 3.57 -13.65	50.71 3.98 -3.89	50.48 4.34 -0.01	50.60 4.47 -0.09	47.64 3.73 0.00	43.33 3.25 0.00	43.11 3.21 -0.27	41.40 2.77 -4.37	38.81 2.12 -4.58	37.10 2.18 -2.91
WOODARD___115KV_TB2 355635	39.59 -0.73 0.00	36.03 -0.59 0.00	34.60 -0.60 0.00	33.92 -0.59 0.00	34.49 -0.60 0.00	35.86 -0.51 0.00	37.73 -0.57 0.00	38.68 -0.75 0.00	41.66 -0.81 0.00	44.61 -0.86 0.00	48.33 -0.99 0.00	47.48 -1.02 0.00	47.90 -0.98 0.00	45.13 -0.87 0.00	41.10 -0.92 0.00	41.89 -0.94 0.00	45.11 -1.01 0.00	45.07 -0.97 0.00	42.99 -0.92 0.00	39.28 -0.80 0.00	38.86 -0.79 -0.02	33.94 -0.69 -0.37	31.86 -0.64 -0.39	31.65 -0.61 -0.25
YORK___WARBASSE 23770	42.82 2.50 -0.01	38.63 2.01 -0.01	37.14 1.94 -0.01	36.37 1.86 -0.01	36.99 1.89 -0.01	38.04 1.67 0.00	39.88 1.57 0.00	41.44 2.01 0.00	44.80 2.34 0.00	47.93 2.46 0.00	52.37 3.06 0.00	51.50 3.01 0.00	51.95 3.08 0.00	48.81 2.81 0.00	44.72 2.69 0.00	45.75 2.91 0.00	49.31 3.18 0.00	49.22 3.18 0.00	46.76 2.85 0.00	42.61 2.53 0.00	42.36 2.46 -0.27	40.95 2.33 -4.37	39.05 2.34 -4.59	37.07 2.14 -2.92