

# Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion									
Generator Data		02/25/2024																													
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	31.90	31.56	31.15	31.09	31.24	31.65	32.70	31.61	30.89	27.30	26.05	25.27	24.42	22.69	23.01	24.84	29.14	35.03	38.14	34.97	34.68	29.49	28.37	27.18						
		1.89	1.70	1.57	1.59	1.63	1.73	2.08	2.18	2.02	1.74	1.77	1.70	1.72	1.60	1.62	1.75	2.01	2.92	2.72	2.78	2.75	2.11	2.12	2.04						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.17	-1.97	-1.70	0.00	0.00						
74TH STREET_GT_1 24260	EST	31.87	31.80	31.15	31.06	31.21	31.63	32.79	31.58	30.83	27.27	26.00	25.24	24.38	22.67	22.97	24.80	29.11	35.00	38.14	34.94	34.65	29.47	28.31	27.15						
		1.86	1.94	1.57	1.56	1.60	1.71	2.17	2.15	1.96	1.71	1.72	1.67	1.68	1.58	1.58	1.71	1.98	2.89	2.72	2.75	2.72	2.08	2.07	2.01						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.17	-1.97	-1.70	0.00	0.00						
74TH STREET_GT_2 24261	EST	31.87	31.80	31.15	31.06	31.21	31.63	32.79	31.58	30.83	27.27	26.00	25.24	24.38	22.67	22.97	24.80	29.11	35.00	38.14	34.94	34.65	29.47	28.31	27.15						
		1.86	1.94	1.57	1.56	1.60	1.71	2.17	2.15	1.96	1.71	1.72	1.67	1.68	1.58	1.58	1.71	1.98	2.89	2.72	2.75	2.72	2.08	2.07	2.01						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.17	-1.97	-1.70	0.00	0.00						
ADK HUDSON___FALLS 24011	EST	31.90	31.80	31.27	31.32	31.39	31.86	32.76	31.34	30.40	26.79	25.37	24.68	23.76	22.03	22.33	24.24	28.78	34.49	39.12	34.92	34.62	29.28	27.95	26.68						
		1.89	1.94	1.69	1.83	1.78	1.94	2.14	1.91	1.53	1.23	1.09	1.11	1.07	0.95	0.94	1.15	1.65	2.38	2.30	2.21	2.24	1.89	1.71	1.53						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.57	-2.50	-2.16	0.00	0.00						
ADK RESOURCE___RCVRY 23798	EST	32.05	31.80	31.39	31.47	31.53	32.01	32.85	31.46	30.51	26.86	25.44	24.75	23.83	22.10	22.37	24.31	28.92	34.68	39.30	35.08	34.77	29.41	28.00	26.78						
		2.04	1.94	1.80	1.98	1.92	2.09	2.23	2.03	1.64	1.30	1.17	1.18	1.13	1.01	0.98	1.22	1.79	2.57	2.48	2.36	2.39	2.03	1.76	1.63						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.57	-2.50	-2.17	0.00	0.00						
ADK S GLENS___FALLS 24028	EST	31.90	31.80	31.27	31.32	31.39	31.86	32.76	31.34	30.40	26.79	25.37	24.68	23.76	22.03	22.33	24.24	28.78	34.49	39.12	34.92	34.62	29.28	27.95	26.68						
		1.89	1.94	1.69	1.83	1.78	1.94	2.14	1.91	1.53	1.23	1.09	1.11	1.07	0.95	0.94	1.15	1.65	2.38	2.30	2.21	2.24	1.89	1.71	1.53						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.57	-2.50	-2.16	0.00	0.00						
ADK_NYS___DAM 23527	EST	31.66	31.44	31.06	31.00	31.09	31.59	32.42	31.26	30.48	26.99	25.54	24.87	23.99	22.29	22.58	24.45	28.78	34.32	38.75	34.75	34.40	29.14	27.92	26.70						
		1.65	1.58	1.48	1.50	1.48	1.67	1.81	1.83	1.62	1.43	1.26	1.30	1.29	1.20	1.20	1.36	1.66	2.21	2.15	2.11	2.08	1.75	1.68	1.56						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.35	-2.41	-2.09	0.00	0.00						
AIR_PRODUCTS___DRP 24190	EST	30.52	30.43	29.97	29.91	30.00	30.43	31.29	30.17	29.56	26.22	24.74	24.07	23.24	21.57	21.86	23.64	27.75	32.95	37.44	33.43	33.11	28.04	26.92	25.70						
		0.51	0.57	0.38	0.41	0.38	0.51	0.67	0.74	0.69	0.66	0.46	0.49	0.54	0.48	0.47	0.55	0.62	0.83	0.82	0.79	0.79	0.66	0.68	0.55						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.37	-2.42	-2.10	0.00	0.00						
AKWESSNE_115KV_BK 355683	EST	29.95	29.74	29.73	29.64	29.76	29.92	30.40	29.31	28.87	25.64	24.35	23.69	22.79	21.17	21.45	23.13	27.16	31.76	29.80	29.77	29.77	27.14	26.00	24.94						
		-0.06	-0.12	0.15	0.15	0.15	0.00	-0.21	-0.12	0.00	0.08	0.07	0.12	0.09	0.08	0.06	0.05	0.03	-0.35	-0.45	-0.45	-0.45	-0.25	-0.24	-0.20						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ALBANY_1_SOLAR 323833	EST	31.21	30.99	30.64	30.64	30.74	31.15	31.93	30.67	29.99	26.50	25.05	24.35	23.47	21.80	22.09	23.94	28.19	33.56	37.89	33.93	33.64	28.56	27.34	26.17						
		1.20	1.13	1.06	1.15	1.12	1.23	1.32	1.24	1.12	0.95	0.78	0.78	0.77	0.72	0.70	0.85	1.06	1.45	1.39	1.33	1.36	1.18	1.10	1.03						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.25	-2.38	-2.06	0.00	0.00						
ALBANY_2_SOLAR 323834	EST	31.21	30.99	30.64	30.64	30.74	31.15	31.93	30.67	29.99	26.50	25.05	24.35	23.47	21.80	22.09	23.94	28.19	33.56	37.86	33.93	33.64	28.56	27.34	26.15						
		1.20	1.13	1.06	1.15	1.12	1.23	1.32	1.24	1.12	0.95	0.78	0.78	0.77	0.72	0.70	0.85	1.06	1.45	1.36	1.33	1.36	1.18	1.10	1.01						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.25	-2.38	-2.06	0.00	0.00						
ALBANY___1 23571	EST	30.52	30.43	29.97	29.91	30.00	30.43	31.29	30.17	29.56	26.22	24.74	24.07	23.24	21.57	21.86	23.64	27.75	32.95	37.44	33.43	33.11	28.04	26.92	25.70						
		0.51	0.57	0.38	0.41	0.38	0.51	0.67	0.74	0.69	0.66	0.46	0.49	0.54	0.48	0.47	0.55	0.62	0.83	0.82	0.79	0.79	0.66	0.68	0.55						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.37	-2.42	-2.10	0.00	0.00						



ALBANY___2 23572	30.52 0.51 0.00	30.43 0.57 0.00	29.97 0.38 0.00	29.91 0.41 0.00	30.00 0.38 0.00	30.43 0.51 0.00	31.29 0.67 0.00	30.17 0.74 0.00	29.56 0.69 0.00	26.22 0.66 0.00	24.74 0.46 0.00	24.07 0.49 0.00	23.24 0.54 0.00	21.57 0.48 0.00	21.86 0.47 0.00	23.64 0.55 0.00	27.75 0.62 0.00	32.95 0.83 0.00	37.44 0.82 -6.37	33.43 0.79 -2.42	33.11 0.79 -2.10	28.04 0.66 0.00	26.92 0.68 0.00	25.70 0.55 0.00
ALBANY___3 23573	30.52 0.51 0.00	30.43 0.57 0.00	29.97 0.38 0.00	29.91 0.41 0.00	30.00 0.38 0.00	30.43 0.51 0.00	31.29 0.67 0.00	30.17 0.74 0.00	29.56 0.69 0.00	26.22 0.66 0.00	24.74 0.46 0.00	24.07 0.49 0.00	23.24 0.54 0.00	21.57 0.48 0.00	21.86 0.47 0.00	23.64 0.55 0.00	27.75 0.62 0.00	32.95 0.83 0.00	37.44 0.82 -6.37	33.43 0.79 -2.42	33.11 0.79 -2.10	28.04 0.66 0.00	26.92 0.68 0.00	25.70 0.55 0.00
ALBANY___4 23574	30.52 0.51 0.00	30.43 0.57 0.00	29.97 0.38 0.00	29.91 0.41 0.00	30.00 0.38 0.00	30.43 0.51 0.00	31.29 0.67 0.00	30.17 0.74 0.00	29.56 0.69 0.00	26.22 0.66 0.00	24.74 0.46 0.00	24.07 0.49 0.00	23.24 0.54 0.00	21.57 0.48 0.00	21.86 0.47 0.00	23.64 0.55 0.00	27.75 0.62 0.00	32.95 0.83 0.00	37.44 0.82 -6.37	33.43 0.79 -2.42	33.11 0.79 -2.10	28.04 0.66 0.00	26.92 0.68 0.00	25.70 0.55 0.00
ALBANY___LFGE 323615	30.85 0.84 0.00	30.61 0.75 0.00	30.23 0.65 0.00	30.20 0.71 0.00	30.29 0.68 0.00	30.76 0.84 0.00	31.57 0.95 0.00	30.37 0.94 0.00	29.79 0.92 0.00	26.40 0.84 0.00	24.93 0.66 0.00	24.23 0.66 0.00	23.40 0.70 0.00	21.72 0.63 0.00	22.01 0.62 0.00	23.83 0.74 0.00	28.00 0.87 0.00	33.26 1.15 0.00	37.79 1.12 -6.42	33.75 1.09 -2.44	33.46 1.12 -2.12	28.32 0.93 0.00	27.13 0.89 0.00	25.92 0.78 0.00
ALCOA_PA_115KV_PL-6C 55860	30.07 0.06 0.00	29.86 0.00 0.00	29.88 0.30 0.00	29.76 0.27 0.00	29.91 0.30 0.00	30.04 0.12 0.00	30.50 -0.12 0.00	29.40 -0.03 0.00	28.96 0.09 0.00	25.71 0.15 0.00	24.42 0.15 0.00	23.83 0.26 0.00	22.88 0.18 0.00	21.28 0.19 0.00	21.56 0.17 0.00	23.25 0.16 0.00	27.21 0.08 0.00	31.82 -0.29 0.00	29.86 -0.39 0.00	29.80 -0.42 0.00	29.83 -0.39 0.00	27.19 -0.19 0.00	26.03 -0.21 0.00	24.99 -0.15 0.00
ALCOA_RYNLDS___DRP 24188	30.07 0.06 0.00	29.86 0.00 0.00	29.88 0.30 0.00	29.76 0.27 0.00	29.91 0.30 0.00	30.04 0.12 0.00	30.50 -0.12 0.00	29.40 -0.03 0.00	28.96 0.09 0.00	25.71 0.15 0.00	24.42 0.15 0.00	23.83 0.26 0.00	22.88 0.18 0.00	21.28 0.19 0.00	21.56 0.17 0.00	23.25 0.16 0.00	27.21 0.08 0.00	31.82 -0.29 0.00	29.86 -0.39 0.00	29.80 -0.42 0.00	29.83 -0.39 0.00	27.19 -0.19 0.00	26.03 -0.21 0.00	24.99 -0.15 0.00
ALCOA___DSASP 323711	30.07 0.06 0.00	30.10 0.24 0.00	29.91 0.33 0.00	29.76 0.26 0.00	29.91 0.30 0.00	30.04 0.12 0.00	30.59 -0.03 0.00	29.43 0.00 0.00	28.96 0.09 0.00	25.71 0.15 0.00	24.42 0.15 0.00	23.83 0.26 0.00	22.88 0.18 0.00	21.28 0.19 0.00	21.56 0.17 0.00	23.25 0.16 0.00	27.21 0.08 0.00	31.82 -0.29 0.00	29.86 -0.39 0.00	29.80 -0.42 0.00	29.83 -0.39 0.00	27.20 -0.19 0.00	26.03 -0.21 0.00	24.99 -0.15 0.00
ALLEGHENY___COGEN 23514	30.76 0.75 0.00	30.31 0.45 0.00	30.03 0.44 0.00	29.82 0.33 0.00	30.06 0.44 0.00	30.43 0.51 0.00	31.06 0.43 -0.01	28.76 -0.06 0.61	27.87 -0.23 0.77	24.87 -0.41 0.28	23.67 -0.49 0.12	23.02 -0.54 0.01	21.95 -0.70 0.04	20.33 -0.76 0.00	20.72 -0.66 0.00	22.37 -0.67 0.04	25.73 -0.71 0.69	31.71 -0.32 0.08	31.33 0.03 -1.04	30.56 -0.06 -0.40	30.27 -0.12 -0.17	27.08 -0.30 0.00	25.98 -0.26 0.00	24.82 -0.33 0.00
ALTAMONT_115KV_TB 2 55880	30.88 0.87 0.00	30.76 0.90 0.00	30.32 0.74 0.00	30.26 0.77 0.00	30.35 0.74 0.00	30.76 0.84 0.00	31.63 1.01 0.00	30.40 0.97 0.00	29.71 0.84 0.00	26.30 0.74 0.00	24.93 0.66 0.00	24.21 0.64 0.00	23.36 0.66 0.00	21.70 0.61 0.00	21.99 0.60 0.00	23.78 0.69 0.00	27.97 0.84 0.00	33.30 1.19 0.00	37.77 1.15 -6.37	33.76 1.12 -2.42	33.44 1.12 -2.10	28.29 0.90 0.00	27.13 0.89 0.00	25.95 0.80 0.00
ALTONA_WT_PWR 323606	30.58 0.57 0.00	30.58 0.72 0.00	30.35 0.77 0.00	30.20 0.71 0.00	30.29 0.68 0.00	30.43 0.51 0.00	30.99 0.37 0.00	29.79 0.35 0.00	29.30 0.43 0.00	26.10 0.54 0.00	24.84 0.56 0.00	24.16 0.59 0.00	23.22 0.52 0.00	21.47 0.38 0.00	21.73 0.34 0.00	23.43 0.35 0.00	27.56 0.43 0.00	32.21 0.10 0.00	30.10 -0.15 0.00	29.92 -0.30 0.00	29.83 -0.39 0.00	27.14 -0.25 0.00	25.98 -0.26 0.00	24.89 -0.25 0.00
AMERICAN_REF_FUEL 24010	26.92 -3.09 0.00	26.43 -3.43 0.00	26.18 -3.40 0.00	25.98 -3.51 0.00	25.97 -3.64 0.00	26.24 -3.68 0.00	26.66 -3.95 0.01	23.31 -4.59 1.53	22.06 -4.68 2.13	21.19 -3.99 0.38	20.51 -3.62 0.15	20.19 -3.37 0.01	19.19 -3.45 0.05	17.84 -3.25 0.00	18.35 -3.04 0.00	19.46 -3.58 0.05	21.67 -4.50 0.95	26.12 -5.20 0.79	26.40 -4.54 -0.68	25.83 -4.65 -0.26	25.46 -4.74 0.02	23.01 -4.36 0.02	22.29 -3.94 0.02	21.70 -3.44 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.45 -1.56 0.00	27.80 -2.06 0.00	27.51 -2.07 0.00	27.25 -2.24 0.00	27.18 -2.43 0.00	27.35 -2.57 0.00	27.52 -3.09 0.01	24.23 -3.85 1.34	22.97 -4.04 1.85	21.70 -3.50 0.36	20.93 -3.21 0.14	20.95 -2.62 0.01	19.85 -2.79 0.05	18.47 -2.62 0.00	18.89 -2.50 0.00	19.67 -3.37 0.05	22.06 -4.18 0.89	26.74 -4.72 0.65	26.79 -4.24 -0.78	26.11 -4.41 -0.30	25.78 -4.47 -0.03	23.26 -4.11 0.02	22.79 -3.44 0.01	22.15 -2.99 0.00
ARTHUR KILL_GT_1 23520	32.00 1.98 -0.01	31.63 1.76 -0.01	31.21 1.63 0.00	31.09 1.59 0.00	31.31 1.69 -0.01	31.56 1.64 0.00	32.58 1.96 0.00	31.37 1.94 0.00	30.63 1.76 0.00	27.04 1.48 0.00	25.78 1.51 0.00	25.05 1.49 0.00	24.19 1.50 0.00	22.49 1.41 0.00	22.82 1.43 0.00	25.80 1.55 -1.16	28.89 1.76 0.00	34.77 2.66 0.00	37.93 2.51 -5.17	34.73 2.54 -1.97	34.43 2.51 -1.70	40.94 1.86 -11.69	28.32 2.07 -0.01	27.21 2.01 -0.06
ARTHUR_KILL_2 23512	31.91 1.89 -0.01	31.54 1.67 -0.01	31.12 1.54 0.00	31.03 1.53 0.00	31.22 1.60 -0.01	31.47 1.55 0.00	32.49 1.87 0.00	31.29 1.86 0.00	30.54 1.67 0.00	26.96 1.40 0.00	25.73 1.46 0.00	24.98 1.41 0.00	24.12 1.43 0.00	22.43 1.35 0.00	22.75 1.37 0.00	25.73 1.48 -1.16	28.81 1.68 0.00	34.68 2.57 0.00	37.84 2.42 -5.17	34.61 2.42 -1.97	34.31 2.39 -1.70	40.86 1.78 -11.69	28.24 1.99 -0.01	27.14 1.94 -0.06
ARTHUR_KILL_3 23513	31.60 1.59 0.00	31.27 1.40 0.00	30.85 1.27 0.00	30.79 1.30 0.00	30.95 1.33 0.00	31.39 1.47 0.00	32.42 1.81 0.00	31.34 1.91 0.00	30.63 1.76 0.00	27.10 1.53 0.00	25.84 1.56 0.00	25.08 1.51 0.00	24.22 1.52 0.00	22.52 1.43 0.00	22.82 1.43 0.00	25.81 1.55 -1.17	28.89 1.76 0.00	34.75 2.63 0.00	37.91 2.48 -5.17	34.70 2.51 -1.97	34.41 2.48 -1.71	40.70 1.89 -11.43	28.16 1.91 0.00	27.00 1.81 -0.05



ARTHUR_KILL_COGEN 323718	32.00 1.98 -0.01	31.63 1.76 -0.01	31.21 1.63 0.00	31.09 1.59 0.00	31.31 1.69 -0.01	31.56 1.64 0.00	32.58 1.96 0.00	31.37 1.94 0.00	30.63 1.76 0.00	27.04 1.48 0.00	25.78 1.51 0.00	25.05 1.49 0.00	24.19 1.50 0.00	22.49 1.41 0.00	22.82 1.43 0.00	25.80 1.55 -1.16	28.89 1.76 0.00	34.77 2.66 0.00	37.93 2.51 -5.17	34.73 2.54 -1.97	34.43 2.51 -1.70	40.94 1.86 -11.69	28.32 2.07 -0.01	27.21 2.01 -0.06
ASHOKAN____ 23654	31.66 1.65 0.00	31.44 1.58 0.00	31.06 1.48 0.00	31.06 1.56 0.00	31.21 1.60 0.00	31.53 1.61 0.00	32.42 1.81 0.00	30.96 1.53 0.00	30.17 1.30 0.00	26.45 0.89 0.00	24.93 0.66 0.00	24.09 0.52 0.00	23.20 0.50 0.00	21.55 0.46 0.00	21.88 0.49 0.00	23.80 0.72 0.00	28.29 1.17 0.00	34.04 1.93 0.00	37.22 1.21 -5.75	33.56 1.15 -2.19	33.24 1.12 -1.90	28.84 1.45 0.00	27.60 1.36 0.00	26.40 1.26 0.00
ASTORIA_EAST_ENERGY_CC1 323581	31.72 1.71 0.00	31.32 1.46 0.00	31.00 1.42 0.00	30.88 1.39 0.00	31.09 1.48 0.00	31.39 1.47 0.00	32.42 1.81 0.01	31.34 1.91 0.01	30.65 1.79 0.01	27.11 1.56 0.01	25.82 1.56 0.01	25.07 1.51 0.01	24.21 1.52 0.01	22.51 1.43 0.01	22.83 1.46 0.01	24.65 1.57 0.01	28.91 1.79 0.01	34.74 2.63 0.01	37.89 2.48 -5.16	34.69 2.51 -1.96	34.40 2.48 -1.70	29.21 1.84 0.01	28.20 1.97 0.01	27.04 1.89 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	31.72 1.71 0.00	31.32 1.46 0.00	31.00 1.42 0.00	30.88 1.39 0.00	31.09 1.48 0.00	31.39 1.47 0.00	32.42 1.81 0.01	31.34 1.91 0.01	30.65 1.79 0.01	27.11 1.56 0.01	25.82 1.56 0.01	25.07 1.51 0.01	24.21 1.52 0.01	22.51 1.43 0.01	22.83 1.46 0.01	24.65 1.57 0.01	28.91 1.79 0.01	34.74 2.63 0.01	37.89 2.48 -5.16	34.69 2.51 -1.96	34.40 2.48 -1.70	29.21 1.84 0.01	28.20 1.97 0.01	27.04 1.89 -0.01
ASTORIA_GT2_1 24094	31.72 1.71 0.00	31.74 1.88 0.00	31.03 1.45 0.00	30.91 1.42 0.00	31.12 1.51 0.00	31.42 1.50 0.00	32.58 1.96 0.00	31.40 1.97 0.00	30.66 1.79 0.00	27.12 1.56 0.00	25.83 1.55 0.00	25.08 1.51 0.00	24.22 1.52 0.00	22.54 1.45 0.00	22.86 1.48 0.00	24.67 1.59 0.01	28.92 1.79 0.00	34.78 2.67 0.00	37.93 2.51 -5.17	34.70 2.51 -1.97	34.40 2.48 -1.70	29.21 1.83 0.01	28.18 1.94 0.00	27.04 1.89 -0.01
ASTORIA_GT2_2 24095	31.72 1.71 0.00	31.74 1.88 0.00	31.03 1.45 0.00	30.91 1.42 0.00	31.12 1.51 0.00	31.42 1.50 0.00	32.58 1.96 0.00	31.40 1.97 0.00	30.66 1.79 0.00	27.12 1.56 0.00	25.83 1.55 0.00	25.08 1.51 0.00	24.22 1.52 0.00	22.54 1.45 0.00	22.86 1.48 0.00	24.67 1.59 0.01	28.92 1.79 0.00	34.78 2.67 0.00	37.93 2.51 -5.17	34.70 2.51 -1.97	34.40 2.48 -1.70	29.21 1.83 0.01	28.18 1.94 0.00	27.04 1.89 -0.01
ASTORIA_GT2_3 24096	31.72 1.71 0.00	31.74 1.88 0.00	31.03 1.45 0.00	30.91 1.42 0.00	31.12 1.51 0.00	31.42 1.50 0.00	32.58 1.96 0.00	31.40 1.97 0.00	30.66 1.79 0.00	27.12 1.56 0.00	25.83 1.55 0.00	25.08 1.51 0.00	24.22 1.52 0.00	22.54 1.45 0.00	22.86 1.48 0.00	24.67 1.59 0.01	28.92 1.79 0.00	34.78 2.67 0.00	37.93 2.51 -5.17	34.70 2.51 -1.97	34.40 2.48 -1.70	29.21 1.83 0.01	28.18 1.94 0.00	27.04 1.89 -0.01
ASTORIA_GT2_4 24097	31.72 1.71 0.00	31.74 1.88 0.00	31.03 1.45 0.00	30.91 1.42 0.00	31.12 1.51 0.00	31.42 1.50 0.00	32.58 1.96 0.00	31.40 1.97 0.00	30.66 1.79 0.00	27.12 1.56 0.00	25.83 1.55 0.00	25.08 1.51 0.00	24.22 1.52 0.00	22.54 1.45 0.00	22.86 1.48 0.00	24.67 1.59 0.01	28.92 1.79 0.00	34.78 2.67 0.00	37.93 2.51 -5.17	34.70 2.51 -1.97	34.40 2.48 -1.70	29.21 1.83 0.01	28.18 1.94 0.00	27.04 1.89 -0.01
ASTORIA_GT3_1 24098	31.72 1.71 0.00	31.74 1.88 0.00	31.03 1.45 0.00	30.91 1.42 0.00	31.12 1.51 0.00	31.42 1.50 0.00	32.58 1.96 0.00	31.40 1.97 0.00	30.66 1.79 0.00	27.12 1.56 0.00	25.83 1.55 0.00	25.08 1.51 0.00	24.22 1.52 0.00	22.54 1.45 0.00	22.86 1.48 0.00	24.67 1.59 0.01	28.92 1.79 0.00	34.78 2.67 0.00	37.93 2.51 -5.17	34.70 2.51 -1.97	34.40 2.48 -1.70	29.21 1.83 0.01	28.18 1.94 0.00	27.04 1.89 -0.01
ASTORIA_GT3_2 24099	31.72 1.71 0.00	31.74 1.88 0.00	31.03 1.45 0.00	30.91 1.42 0.00	31.12 1.51 0.00	31.42 1.50 0.00	32.58 1.96 0.00	31.40 1.97 0.00	30.66 1.79 0.00	27.12 1.56 0.00	25.83 1.55 0.00	25.08 1.51 0.00	24.22 1.52 0.00	22.54 1.45 0.00	22.86 1.48 0.00	24.67 1.59 0.01	28.92 1.79 0.00	34.78 2.67 0.00	37.93 2.51 -5.17	34.70 2.51 -1.97	34.40 2.48 -1.70	29.21 1.83 0.01	28.18 1.94 0.00	27.04 1.89 -0.01
ASTORIA_GT3_3 24100	31.72 1.71 0.00	31.74 1.88 0.00	31.03 1.45 0.00	30.91 1.42 0.00	31.12 1.51 0.00	31.42 1.50 0.00	32.58 1.96 0.00	31.40 1.97 0.00	30.66 1.79 0.00	27.12 1.56 0.00	25.83 1.55 0.00	25.08 1.51 0.00	24.22 1.52 0.00	22.54 1.45 0.00	22.86 1.48 0.00	24.67 1.59 0.01	28.92 1.79 0.00	34.78 2.67 0.00	37.93 2.51 -5.17	34.70 2.51 -1.97	34.40 2.48 -1.70	29.21 1.83 0.01	28.18 1.94 0.00	27.04 1.89 -0.01
ASTORIA_GT3_4 24101	31.72 1.71 0.00	31.74 1.88 0.00	31.03 1.45 0.00	30.91 1.42 0.00	31.12 1.51 0.00	31.42 1.50 0.00	32.58 1.96 0.00	31.40 1.97 0.00	30.66 1.79 0.00	27.12 1.56 0.00	25.83 1.55 0.00	25.08 1.51 0.00	24.22 1.52 0.00	22.54 1.45 0.00	22.86 1.48 0.00	24.67 1.59 0.01	28.92 1.79 0.00	34.78 2.67 0.00	37.93 2.51 -5.17	34.70 2.51 -1.97	34.40 2.48 -1.70	29.21 1.83 0.01	28.18 1.94 0.00	27.04 1.89 -0.01
ASTORIA_GT4_1 24102	31.72 1.71 0.00	31.74 1.88 0.00	31.03 1.45 0.00	30.91 1.42 0.00	31.12 1.51 0.00	31.42 1.50 0.00	32.58 1.96 0.00	31.40 1.97 0.00	30.66 1.79 0.00	27.12 1.56 0.00	25.83 1.55 0.00	25.08 1.51 0.00	24.22 1.52 0.00	22.54 1.45 0.00	22.86 1.48 0.00	24.67 1.59 0.01	28.92 1.79 0.00	34.78 2.67 0.00	37.93 2.51 -5.17	34.70 2.51 -1.97	34.40 2.48 -1.70	29.21 1.83 0.01	28.18 1.94 0.00	27.04 1.89 -0.01
ASTORIA_GT4_2 24103	31.72 1.71 0.00	31.74 1.88 0.00	31.03 1.45 0.00	30.91 1.42 0.00	31.12 1.51 0.00	31.42 1.50 0.00	32.58 1.96 0.00	31.40 1.97 0.00	30.66 1.79 0.00	27.12 1.56 0.00	25.83 1.55 0.00	25.08 1.51 0.00	24.22 1.52 0.00	22.54 1.45 0.00	22.86 1.48 0.00	24.67 1.59 0.01	28.92 1.79 0.00	34.78 2.67 0.00	37.93 2.51 -5.17	34.70 2.51 -1.97	34.40 2.48 -1.70	29.21 1.83 0.01	28.18 1.94 0.00	27.04 1.89 -0.01
ASTORIA_GT4_3 24104	31.72 1.71 0.00	31.74 1.88 0.00	31.03 1.45 0.00	30.91 1.42 0.00	31.12 1.51 0.00	31.42 1.50 0.00	32.58 1.96 0.00	31.40 1.97 0.00	30.66 1.79 0.00	27.12 1.56 0.00	25.83 1.55 0.00	25.08 1.51 0.00	24.22 1.52 0.00	22.54 1.45 0.00	22.86 1.48 0.00	24.67 1.59 0.01	28.92 1.79 0.00	34.78 2.67 0.00	37.93 2.51 -5.17	34.70 2.51 -1.97	34.40 2.48 -1.70	29.21 1.83 0.01	28.18 1.94 0.00	27.04 1.89 -0.01



ASTORIA_GT4_4 24105	31.72 1.71 0.00	31.74 1.88 0.00	31.03 1.45 0.00	30.91 1.42 0.00	31.12 1.51 0.00	31.42 1.50 0.00	32.58 1.96 0.00	31.40 1.97 0.00	30.66 1.79 0.00	27.12 1.56 0.00	25.83 1.55 0.00	25.08 1.51 0.00	24.22 1.52 0.00	22.54 1.45 0.00	22.86 1.48 0.00	24.67 1.59 0.01	28.92 1.79 0.00	34.78 2.67 0.00	37.93 2.51 -5.17	34.70 2.51 -1.97	34.40 2.48 -1.70	29.21 1.83 0.01	28.18 1.94 0.00	27.04 1.89 -0.01
ASTORIA_GT_1 23523	31.78 1.77 0.00	31.41 1.55 0.00	31.06 1.48 0.00	30.94 1.44 0.00	31.15 1.54 0.00	31.47 1.55 0.00	32.51 1.90 0.01	31.43 2.00 0.01	30.71 1.85 0.01	27.16 1.61 0.01	25.87 1.60 0.01	25.12 1.56 0.01	24.25 1.56 0.01	22.55 1.48 0.01	22.88 1.50 0.01	24.70 1.62 0.01	28.97 1.85 0.01	34.83 2.73 0.01	37.98 2.57 -5.16	34.75 2.57 -1.96	34.46 2.54 -1.70	29.27 1.89 0.01	28.25 2.02 0.01	27.09 1.94 -0.01
ASTORIA_GT_10 24110	31.84 1.83 0.00	31.80 1.94 0.00	31.12 1.54 0.00	31.00 1.50 0.00	31.18 1.57 0.00	31.54 1.62 0.00	32.70 2.08 0.00	31.49 2.06 0.00	30.74 1.88 0.00	27.19 1.64 0.00	25.90 1.63 0.00	25.15 1.58 0.00	24.29 1.59 0.00	22.58 1.50 0.00	22.91 1.52 0.00	24.90 1.64 -0.17	29.00 1.87 0.00	34.87 2.76 0.00	38.02 2.60 -5.17	34.79 2.60 -1.97	34.49 2.57 -1.70	31.00 1.94 -1.67	28.29 2.05 0.00	27.16 2.01 -0.01
ASTORIA_GT_11 24225	31.84 1.83 0.00	31.80 1.94 0.00	31.12 1.54 0.00	31.00 1.50 0.00	31.18 1.57 0.00	31.54 1.62 0.00	32.70 2.08 0.00	31.49 2.06 0.00	30.74 1.88 0.00	27.19 1.64 0.00	25.90 1.63 0.00	25.15 1.58 0.00	24.29 1.59 0.00	22.58 1.50 0.00	22.91 1.52 0.00	24.90 1.64 -0.17	29.00 1.87 0.00	34.87 2.76 0.00	38.02 2.60 -5.17	34.79 2.60 -1.97	34.49 2.57 -1.70	31.00 1.94 -1.67	28.29 2.05 0.00	27.16 2.01 -0.01
ASTORIA_GT_12 24226	31.84 1.83 0.00	31.80 1.94 0.00	31.12 1.54 0.00	31.00 1.50 0.00	31.18 1.57 0.00	31.54 1.62 0.00	32.70 2.08 0.00	31.49 2.06 0.00	30.74 1.88 0.00	27.19 1.64 0.00	25.90 1.63 0.00	25.15 1.58 0.00	24.29 1.59 0.00	22.58 1.50 0.00	22.91 1.52 0.00	24.90 1.64 -0.17	29.00 1.87 0.00	34.87 2.76 0.00	38.02 2.60 -5.17	34.79 2.60 -1.97	34.49 2.57 -1.70	31.00 1.94 -1.67	28.29 2.05 0.00	27.16 2.01 -0.01
ASTORIA_GT_13 24227	31.84 1.83 0.00	31.80 1.94 0.00	31.12 1.54 0.00	31.00 1.50 0.00	31.18 1.57 0.00	31.54 1.62 0.00	32.70 2.08 0.00	31.49 2.06 0.00	30.74 1.88 0.00	27.19 1.64 0.00	25.90 1.63 0.00	25.15 1.58 0.00	24.29 1.59 0.00	22.58 1.50 0.00	22.91 1.52 0.00	24.90 1.64 -0.17	29.00 1.87 0.00	34.87 2.76 0.00	38.02 2.60 -5.17	34.79 2.60 -1.97	34.49 2.57 -1.70	31.00 1.94 -1.67	28.29 2.05 0.00	27.16 2.01 -0.01
ASTORIA_GT_5 24106	31.78 1.77 0.00	31.77 1.91 0.00	31.09 1.51 0.00	30.94 1.45 0.00	31.15 1.54 0.00	31.45 1.53 0.00	32.61 1.99 0.00	31.43 2.00 0.00	30.69 1.82 0.00	27.17 1.61 0.00	25.88 1.60 0.00	25.13 1.56 0.00	24.26 1.57 0.00	22.56 1.48 0.00	22.88 1.50 0.00	24.70 1.62 0.01	28.97 1.84 0.00	34.84 2.73 0.00	37.99 2.57 -5.17	34.76 2.57 -1.97	34.46 2.54 -1.70	29.27 1.89 0.01	28.24 1.99 0.00	27.09 1.94 -0.01
ASTORIA_GT_7 24107	31.78 1.77 0.00	31.77 1.91 0.00	31.09 1.51 0.00	30.94 1.45 0.00	31.15 1.54 0.00	31.45 1.53 0.00	32.61 1.99 0.00	31.43 2.00 0.00	30.69 1.82 0.00	27.17 1.61 0.00	25.88 1.60 0.00	25.13 1.56 0.00	24.26 1.57 0.00	22.56 1.48 0.00	22.88 1.50 0.00	24.70 1.62 0.01	28.97 1.84 0.00	34.84 2.73 0.00	37.99 2.57 -5.17	34.76 2.57 -1.97	34.46 2.54 -1.70	29.27 1.89 0.01	28.24 1.99 0.00	27.09 1.94 -0.01
ASTORIA_GT_8 24108	31.78 1.77 0.00	31.77 1.91 0.00	31.09 1.51 0.00	30.94 1.45 0.00	31.15 1.54 0.00	31.45 1.53 0.00	32.61 1.99 0.00	31.43 2.00 0.00	30.69 1.82 0.00	27.17 1.61 0.00	25.88 1.60 0.00	25.13 1.56 0.00	24.26 1.57 0.00	22.56 1.48 0.00	22.88 1.50 0.00	24.70 1.62 0.01	28.97 1.84 0.00	34.84 2.73 0.00	37.99 2.57 -5.17	34.76 2.57 -1.97	34.46 2.54 -1.70	29.27 1.89 0.01	28.24 1.99 0.00	27.09 1.94 -0.01
ASTORIA___2 24149	31.72 1.71 0.00	31.35 1.49 0.00	31.00 1.42 0.00	30.91 1.42 0.00	31.12 1.51 0.00	31.42 1.50 0.00	32.45 1.84 0.01	31.37 1.94 0.01	30.65 1.79 0.01	27.11 1.56 0.01	25.82 1.56 0.01	25.07 1.51 0.01	24.23 1.54 0.01	22.53 1.45 0.01	22.85 1.47 0.01	24.67 1.59 0.01	28.91 1.79 0.01	34.77 2.66 0.01	37.92 2.51 -5.16	34.69 2.51 -1.96	34.40 2.48 -1.70	29.21 1.84 0.01	28.23 1.99 0.01	27.06 1.91 -0.01
ASTORIA___3 23516	31.84 1.83 0.00	31.50 1.64 0.00	31.09 1.51 0.00	31.00 1.50 0.00	31.18 1.57 0.00	31.53 1.61 0.00	32.58 1.96 0.00	31.46 2.03 0.00	30.74 1.88 0.00	27.20 1.64 0.00	25.90 1.63 0.00	25.15 1.58 0.00	24.31 1.61 0.00	22.58 1.50 0.00	22.91 1.52 0.00	24.90 1.64 -0.17	29.00 1.87 0.00	34.87 2.76 0.00	38.02 2.60 -5.17	34.79 2.60 -1.97	34.49 2.57 -1.70	31.00 1.94 -1.67	28.34 2.10 0.00	27.16 2.01 -0.01
ASTORIA___4 23517	31.84 1.83 0.00	31.80 1.94 0.00	31.12 1.54 0.00	31.00 1.50 0.00	31.18 1.57 0.00	31.54 1.62 0.00	32.70 2.08 0.00	31.49 2.06 0.00	30.74 1.88 0.00	27.19 1.64 0.00	25.90 1.63 0.00	25.15 1.58 0.00	24.29 1.59 0.00	22.58 1.50 0.00	22.91 1.52 0.00	24.90 1.64 -0.17	29.00 1.87 0.00	34.87 2.76 0.00	38.02 2.60 -5.17	34.79 2.60 -1.97	34.49 2.57 -1.70	31.00 1.94 -1.67	28.29 2.05 0.00	27.16 2.01 -0.01
ASTORIA___5 23518	31.84 1.83 0.00	31.50 1.64 0.00	31.09 1.51 0.00	31.00 1.50 0.00	31.18 1.57 0.00	31.53 1.61 0.00	32.58 1.96 0.00	31.46 2.03 0.00	30.74 1.88 0.00	27.20 1.64 0.00	25.90 1.63 0.00	25.15 1.58 0.00	24.31 1.61 0.00	22.58 1.50 0.00	22.91 1.52 0.00	24.90 1.64 -0.17	29.00 1.87 0.00	34.87 2.76 0.00	38.02 2.60 -5.17	34.79 2.60 -1.97	34.49 2.57 -1.70	31.00 1.94 -1.67	28.34 2.10 0.00	27.16 2.01 -0.01
AST_ENERGY_2_CC3 323677	31.63 1.62 0.00	31.29 1.43 0.00	30.88 1.30 0.00	30.82 1.33 0.00	30.97 1.36 0.00	31.39 1.47 0.00	32.42 1.81 0.00	31.32 1.89 0.00	30.63 1.76 0.00	27.09 1.53 0.00	25.83 1.56 0.00	25.06 1.49 0.00	24.22 1.52 0.00	22.52 1.43 0.00	22.84 1.46 0.00	24.63 1.55 0.00	28.89 1.76 0.00	34.71 2.60 0.00	37.87 2.45 -5.17	34.69 2.51 -1.97	34.37 2.45 -1.70	29.25 1.86 0.00	28.16 1.91 0.00	26.98 1.83 0.00
AST_ENERGY_2_CC4 323678	31.63 1.62 0.00	31.29 1.43 0.00	30.88 1.30 0.00	30.82 1.33 0.00	30.97 1.36 0.00	31.39 1.47 0.00	32.42 1.81 0.00	31.32 1.89 0.00	30.63 1.76 0.00	27.09 1.53 0.00	25.83 1.56 0.00	25.06 1.49 0.00	24.22 1.52 0.00	22.52 1.43 0.00	22.84 1.46 0.00	24.63 1.55 0.00	28.89 1.76 0.00	34.71 2.60 0.00	37.87 2.45 -5.17	34.69 2.51 -1.97	34.37 2.45 -1.70	29.25 1.86 0.00	28.16 1.91 0.00	26.98 1.83 0.00



ATHENS_STG_1 23668	31.09 1.08 0.00	30.84 0.98 0.00	30.47 0.89 0.00	30.41 0.92 0.00	30.53 0.92 0.00	30.94 1.02 0.00	31.81 1.19 0.00	30.64 1.21 0.00	29.94 1.07 0.00	26.48 0.92 0.00	25.15 0.87 0.00	24.42 0.85 0.00	23.56 0.86 0.00	21.89 0.80 0.00	22.18 0.79 0.00	23.99 0.90 0.00	28.19 1.06 0.00	33.65 1.54 0.00	37.46 1.48 -5.73	33.88 1.48 -2.18	33.59 1.48 -1.89	28.54 1.15 0.00	27.37 1.13 0.00	26.22 1.08 0.00
ATHENS_STG_2 23670	31.09 1.08 0.00	30.84 0.98 0.00	30.47 0.89 0.00	30.41 0.92 0.00	30.53 0.92 0.00	30.94 1.02 0.00	31.81 1.19 0.00	30.64 1.21 0.00	29.94 1.07 0.00	26.48 0.92 0.00	25.15 0.87 0.00	24.42 0.85 0.00	23.56 0.86 0.00	21.89 0.80 0.00	22.18 0.79 0.00	23.99 0.90 0.00	28.19 1.06 0.00	33.65 1.54 0.00	37.46 1.48 -5.73	33.88 1.48 -2.18	33.59 1.48 -1.89	28.54 1.15 0.00	27.37 1.13 0.00	26.22 1.08 0.00
ATHENS_STG_3 23677	31.09 1.08 0.00	30.84 0.98 0.00	30.47 0.89 0.00	30.41 0.92 0.00	30.53 0.92 0.00	30.94 1.02 0.00	31.81 1.19 0.00	30.64 1.21 0.00	29.94 1.07 0.00	26.48 0.92 0.00	25.15 0.87 0.00	24.42 0.85 0.00	23.56 0.86 0.00	21.89 0.80 0.00	22.18 0.79 0.00	23.99 0.90 0.00	28.19 1.06 0.00	33.65 1.54 0.00	37.46 1.48 -5.73	33.88 1.48 -2.18	33.59 1.48 -1.89	28.54 1.15 0.00	27.37 1.13 0.00	26.22 1.08 0.00
AUBURN___LFGE 323710	29.74 -0.27 0.00	29.59 -0.27 0.00	29.17 -0.41 0.00	29.02 -0.47 0.00	29.20 -0.41 0.00	29.56 -0.36 0.00	30.37 -0.28 -0.03	29.23 -0.47 -0.27	28.88 -0.52 -0.54	24.90 -0.51 0.15	23.73 -0.49 0.07	23.05 -0.52 0.00	22.11 -0.57 0.02	20.56 -0.53 0.00	20.90 -0.49 0.00	22.51 -0.55 0.02	26.13 -0.62 0.37	32.20 -0.48 -0.57	30.74 -0.27 -0.76	30.18 -0.33 -0.29	30.01 -0.36 -0.16	26.94 -0.47 -0.02	25.79 -0.47 -0.02	24.64 -0.50 0.00
BABYLON_RES_REC 323704	32.38 2.37 0.00	32.04 2.18 0.00	31.59 2.01 0.00	31.41 1.92 0.00	31.65 2.04 0.00	32.10 2.18 0.00	33.01 2.39 0.00	32.38 2.59 -0.35	31.21 2.34 0.00	27.48 1.92 0.00	26.24 1.97 0.00	25.39 1.82 0.00	24.63 1.93 0.00	22.82 1.73 0.00	23.16 1.77 0.00	27.43 2.01 -2.34	31.39 2.39 -1.87	42.85 3.37 -7.37	45.06 3.18 -11.63	41.15 3.20 -7.72	39.44 3.17 -6.05	35.96 2.55 -6.03	32.43 2.52 -3.67	28.97 2.39 -1.44
BABYLON__69_KV_BK2 356345	32.71 2.70 0.00	32.61 2.75 0.00	31.92 2.34 0.00	31.71 2.21 0.00	31.95 2.34 0.00	32.40 2.48 0.00	33.50 2.88 0.00	32.70 2.91 -0.35	31.47 2.60 0.00	27.71 2.15 0.00	26.49 2.21 0.00	25.62 2.05 0.00	24.85 2.16 0.00	23.00 1.92 0.00	23.36 1.97 0.00	27.66 2.24 -2.34	31.68 2.69 -1.87	43.23 3.76 -7.37	45.68 3.51 -11.92	41.66 3.51 -7.93	39.81 3.54 -6.05	36.26 2.85 -6.03	32.69 2.78 -3.67	29.25 2.67 -1.44
BALL_HILL_WT_PWR 323825	28.15 -1.86 0.00	27.56 -2.30 0.00	27.33 -2.25 0.00	27.13 -2.36 0.00	27.12 -2.49 0.00	27.38 -2.54 0.00	27.67 -2.94 0.01	24.32 -3.68 1.43	23.04 -3.84 1.99	21.89 -3.30 0.37	21.12 -3.01 0.15	21.09 -2.47 0.01	20.01 -2.63 0.05	18.64 -2.45 0.00	19.08 -2.31 0.00	19.94 -3.09 0.05	22.38 -3.82 0.92	27.09 -4.30 0.72	27.18 -3.81 -0.74	26.58 -3.93 -0.28	26.24 -3.99 -0.01	23.67 -3.70 0.02	23.15 -3.07 0.02	22.50 -2.64 0.00
BARON_WINDS___WT_PWR 323822	30.49 0.48 0.00	30.04 0.18 0.00	29.79 0.21 0.00	29.64 0.15 0.00	29.76 0.15 0.00	30.10 0.18 0.00	30.73 0.09 -0.02	28.96 -0.41 0.06	28.35 -0.58 -0.06	24.79 -0.56 0.21	23.61 -0.58 0.09	23.21 -0.35 0.00	22.15 -0.52 0.03	20.56 -0.53 0.00	20.92 -0.47 0.00	22.20 -0.85 0.03	25.64 -0.98 0.52	31.69 -0.77 -0.35	31.03 -0.58 -1.35	30.10 -0.64 -0.51	29.84 -0.69 -0.31	26.63 -0.77 -0.01	25.70 -0.55 -0.01	24.64 -0.50 0.00
BARRETT_IC_1 23704	32.18 2.16 -0.01	31.84 1.97 -0.01	31.42 1.83 -0.01	31.30 1.80 -0.01	31.49 1.87 -0.01	31.93 2.00 -0.01	32.86 2.23 -0.01	32.18 2.38 -0.36	31.04 2.17 -0.01	27.38 1.81 -0.01	26.13 1.84 -0.01	25.32 1.74 -0.01	24.50 1.79 -0.01	22.74 1.65 -0.01	23.07 1.67 -0.01	27.28 1.85 -2.34	31.06 2.06 -1.87	42.43 2.95 -7.37	44.50 2.81 -11.44	40.64 2.84 -7.58	39.08 2.81 -6.05	35.63 2.22 -6.03	32.14 2.23 -3.67	28.77 2.19 -1.44
BARRETT_IC_10 23701	32.18 2.16 -0.01	31.84 1.97 -0.01	31.42 1.83 -0.01	31.30 1.80 -0.01	31.49 1.87 -0.01	31.93 2.00 -0.01	32.86 2.23 -0.01	32.18 2.38 -0.36	31.04 2.17 -0.01	27.38 1.81 -0.01	26.13 1.84 -0.01	25.32 1.74 -0.01	24.50 1.79 -0.01	22.74 1.65 -0.01	23.07 1.67 -0.01	27.28 1.85 -2.34	31.06 2.06 -1.87	42.43 2.95 -7.37	44.50 2.81 -11.44	40.64 2.84 -7.58	39.08 2.81 -6.05	35.63 2.22 -6.03	32.14 2.23 -3.67	28.77 2.19 -1.44
BARRETT_IC_11 23702	32.18 2.16 -0.01	31.84 1.97 -0.01	31.42 1.83 -0.01	31.30 1.80 -0.01	31.49 1.87 -0.01	31.93 2.00 -0.01	32.86 2.23 -0.01	32.18 2.38 -0.36	31.04 2.17 -0.01	27.38 1.81 -0.01	26.13 1.84 -0.01	25.32 1.74 -0.01	24.50 1.79 -0.01	22.74 1.65 -0.01	23.07 1.67 -0.01	27.28 1.85 -2.34	31.06 2.06 -1.87	42.43 2.95 -7.37	44.50 2.81 -11.44	40.64 2.84 -7.58	39.08 2.81 -6.05	35.63 2.22 -6.03	32.14 2.23 -3.67	28.77 2.19 -1.44
BARRETT_IC_12 23703	32.18 2.16 -0.01	31.84 1.97 -0.01	31.42 1.83 -0.01	31.30 1.80 -0.01	31.49 1.87 -0.01	31.93 2.00 -0.01	32.86 2.23 -0.01	32.18 2.38 -0.36	31.04 2.17 -0.01	27.38 1.81 -0.01	26.13 1.84 -0.01	25.32 1.74 -0.01	24.50 1.79 -0.01	22.74 1.65 -0.01	23.07 1.67 -0.01	27.28 1.85 -2.34	31.06 2.06 -1.87	42.43 2.95 -7.37	44.50 2.81 -11.44	40.64 2.84 -7.58	39.08 2.81 -6.05	35.63 2.22 -6.03	32.14 2.23 -3.67	28.77 2.19 -1.44
BARRETT_IC_2 23705	32.18 2.16 -0.01	31.84 1.97 -0.01	31.42 1.83 -0.01	31.30 1.80 -0.01	31.49 1.87 -0.01	31.93 2.00 -0.01	32.86 2.23 -0.01	32.18 2.38 -0.36	31.04 2.17 -0.01	27.38 1.81 -0.01	26.13 1.84 -0.01	25.32 1.74 -0.01	24.50 1.79 -0.01	22.74 1.65 -0.01	23.07 1.67 -0.01	27.28 1.85 -2.34	31.06 2.06 -1.87	42.43 2.95 -7.37	44.50 2.81 -11.44	40.64 2.84 -7.58	39.08 2.81 -6.05	35.63 2.22 -6.03	32.14 2.23 -3.67	28.77 2.19 -1.44
BARRETT_IC_3 23706	32.18 2.16 -0.01	31.84 1.97 -0.01	31.42 1.83 -0.01	31.30 1.80 -0.01	31.49 1.87 -0.01	31.93 2.00 -0.01	32.86 2.23 -0.01	32.18 2.38 -0.36	31.04 2.17 -0.01	27.38 1.81 -0.01	26.13 1.84 -0.01	25.32 1.74 -0.01	24.50 1.79 -0.01	22.74 1.65 -0.01	23.07 1.67 -0.01	27.28 1.85 -2.34	31.06 2.06 -1.87	42.43 2.95 -7.37	44.50 2.81 -11.44	40.64 2.84 -7.58	39.08 2.81 -6.05	35.63 2.22 -6.03	32.14 2.23 -3.67	28.77 2.19 -1.44
BARRETT_IC_4 23707	32.18 2.16 -0.01	31.84 1.97 -0.01	31.42 1.83 -0.01	31.30 1.80 -0.01	31.49 1.87 -0.01	31.93 2.00 -0.01	32.86 2.23 -0.01	32.18 2.38 -0.36	31.04 2.17 -0.01	27.38 1.81 -0.01	26.13 1.84 -0.01	25.32 1.74 -0.01	24.50 1.79 -0.01	22.74 1.65 -0.01	23.07 1.67 -0.01	27.28 1.85 -2.34	31.06 2.06 -1.87	42.43 2.95 -7.37	44.50 2.81 -11.44	40.64 2.84 -7.58	39.08 2.81 -6.05	35.63 2.22 -6.03	32.14 2.23 -3.67	28.77 2.19 -1.44



BARRETT_IC_5 23708	32.18 2.16 -0.01	31.84 1.97 -0.01	31.42 1.83 -0.01	31.30 1.80 -0.01	31.49 1.87 -0.01	31.93 2.00 -0.01	32.86 2.23 -0.01	32.18 2.38 -0.36	31.04 2.17 -0.01	27.38 1.81 -0.01	26.13 1.84 -0.01	25.32 1.74 -0.01	24.50 1.79 -0.01	22.74 1.65 -0.01	23.07 1.67 -0.01	27.28 1.85 -2.34	31.06 2.06 -1.87	42.43 2.95 -7.37	44.50 2.81 -11.44	40.64 2.84 -7.58	39.08 2.81 -6.05	35.63 2.22 -6.03	32.14 2.23 -3.67	28.77 2.19 -1.44
BARRETT_IC_6 23709	32.18 2.16 -0.01	31.84 1.97 -0.01	31.42 1.83 -0.01	31.30 1.80 -0.01	31.49 1.87 -0.01	31.93 2.00 -0.01	32.86 2.23 -0.01	32.18 2.38 -0.36	31.04 2.17 -0.01	27.38 1.81 -0.01	26.13 1.84 -0.01	25.32 1.74 -0.01	24.50 1.79 -0.01	22.74 1.65 -0.01	23.07 1.67 -0.01	27.28 1.85 -2.34	31.06 2.06 -1.87	42.43 2.95 -7.37	44.50 2.81 -11.44	40.64 2.84 -7.58	39.08 2.81 -6.05	35.63 2.22 -6.03	32.14 2.23 -3.67	28.77 2.19 -1.44
BARRETT_IC_7 23710	32.17 2.16 0.00	32.07 2.21 0.00	31.44 1.86 0.00	31.29 1.80 0.00	31.48 1.87 0.00	31.92 2.00 0.00	33.01 2.39 0.00	32.17 2.38 -0.35	31.00 2.14 0.00	27.37 1.81 0.00	26.12 1.85 0.00	25.32 1.74 0.00	24.49 1.79 0.00	22.73 1.64 0.00	23.06 1.67 0.00	27.27 1.85 -2.34	31.12 2.12 -1.87	42.43 2.95 -7.37	44.50 2.81 -11.44	40.64 2.84 -7.58	39.08 2.81 -6.05	35.63 2.22 -6.03	32.08 2.18 -3.67	28.74 2.16 -1.44
BARRETT_IC_8 23711	32.18 2.16 -0.01	31.84 1.97 -0.01	31.42 1.83 -0.01	31.30 1.80 -0.01	31.49 1.87 -0.01	31.93 2.00 -0.01	32.86 2.23 -0.01	32.18 2.38 -0.36	31.04 2.17 -0.01	27.38 1.81 -0.01	26.13 1.84 -0.01	25.32 1.74 -0.01	24.50 1.79 -0.01	22.74 1.65 -0.01	23.07 1.67 -0.01	27.28 1.85 -2.34	31.06 2.06 -1.87	42.43 2.95 -7.37	44.50 2.81 -11.44	40.64 2.84 -7.58	39.08 2.81 -6.05	35.63 2.22 -6.03	32.14 2.23 -3.67	28.77 2.19 -1.44
BARRETT_IC_9 23700	32.18 2.16 -0.01	31.84 1.97 -0.01	31.42 1.83 -0.01	31.30 1.80 -0.01	31.49 1.87 -0.01	31.93 2.00 -0.01	32.86 2.23 -0.01	32.18 2.38 -0.36	31.04 2.17 -0.01	27.38 1.81 -0.01	26.13 1.84 -0.01	25.32 1.74 -0.01	24.50 1.79 -0.01	22.74 1.65 -0.01	23.07 1.67 -0.01	27.28 1.85 -2.34	31.06 2.06 -1.87	42.43 2.95 -7.37	44.50 2.81 -11.44	40.64 2.84 -7.58	39.08 2.81 -6.05	35.63 2.22 -6.03	32.14 2.23 -3.67	28.77 2.19 -1.44
BARRETT___1 23545	32.18 2.16 -0.01	31.84 1.97 -0.01	31.42 1.83 -0.01	31.30 1.80 -0.01	31.49 1.87 -0.01	31.93 2.00 -0.01	32.86 2.23 -0.01	32.18 2.38 -0.36	31.04 2.17 -0.01	27.38 1.81 -0.01	26.13 1.84 -0.01	25.32 1.74 -0.01	24.50 1.79 -0.01	22.74 1.65 -0.01	23.07 1.67 -0.01	27.28 1.85 -2.34	31.06 2.06 -1.87	42.43 2.95 -7.37	44.50 2.81 -11.44	40.64 2.84 -7.58	39.08 2.81 -6.05	35.63 2.22 -6.03	32.14 2.23 -3.67	28.77 2.19 -1.44
BARRETT___2 23546	32.18 2.16 -0.01	31.84 1.97 -0.01	31.42 1.83 -0.01	31.30 1.80 -0.01	31.49 1.87 -0.01	31.93 2.00 -0.01	32.86 2.23 -0.01	32.18 2.38 -0.36	31.04 2.17 -0.01	27.38 1.81 -0.01	26.13 1.84 -0.01	25.32 1.74 -0.01	24.50 1.79 -0.01	22.74 1.65 -0.01	23.07 1.67 -0.01	27.28 1.85 -2.34	31.06 2.06 -1.87	42.43 2.95 -7.37	44.50 2.81 -11.44	40.64 2.84 -7.58	39.08 2.81 -6.05	35.63 2.22 -6.03	32.14 2.23 -3.67	28.77 2.19 -1.44
BATAVIA__115KV_TB1 55881	28.21 -1.80 0.00	28.10 -1.76 0.00	27.48 -2.10 0.00	27.25 -2.24 0.00	27.33 -2.28 0.00	27.62 -2.30 0.00	28.09 -2.51 0.01	24.85 -3.06 1.52	23.66 -3.09 2.12	22.40 -2.79 0.38	21.65 -2.48 0.16	21.21 -2.36 0.01	20.19 -2.45 0.06	18.72 -2.36 0.00	19.21 -2.18 0.00	20.54 -2.49 0.06	23.00 -3.20 0.93	27.75 -3.56 0.80	27.95 -2.99 -0.70	27.41 -3.08 -0.27	27.04 -3.17 0.01	24.35 -3.01 0.02	23.52 -2.70 0.02	22.78 -2.36 0.00
BAYONEEC___CTG1 323682	31.69 1.68 0.00	31.35 1.49 0.00	30.94 1.36 0.00	30.88 1.39 0.00	31.03 1.42 0.00	31.44 1.53 0.00	32.49 1.87 0.00	31.40 1.97 0.00	30.69 1.82 0.00	27.14 1.59 0.00	25.88 1.60 0.00	25.10 1.53 0.00	24.26 1.56 0.00	22.54 1.45 0.00	22.86 1.47 0.00	24.68 1.59 0.00	28.95 1.82 0.00	34.81 2.70 0.00	37.93 2.51 -5.17	34.75 2.57 -1.97	34.46 2.54 -1.70	29.30 1.92 0.00	28.21 1.97 0.00	27.03 1.89 0.00
BAYONEEC___CTG10 323750	31.69 1.68 0.00	31.35 1.49 0.00	30.94 1.36 0.00	30.88 1.39 0.00	31.03 1.42 0.00	31.44 1.53 0.00	32.49 1.87 0.00	31.40 1.97 0.00	30.69 1.82 0.00	27.14 1.59 0.00	25.88 1.60 0.00	25.10 1.53 0.00	24.26 1.56 0.00	22.54 1.45 0.00	22.86 1.47 0.00	24.68 1.59 0.00	28.95 1.82 0.00	34.81 2.70 0.00	37.93 2.51 -5.17	34.75 2.57 -1.97	34.46 2.54 -1.70	29.30 1.92 0.00	28.21 1.97 0.00	27.03 1.89 0.00
BAYONEEC___CTG2 323683	31.69 1.68 0.00	31.35 1.49 0.00	30.94 1.36 0.00	30.88 1.39 0.00	31.03 1.42 0.00	31.44 1.53 0.00	32.49 1.87 0.00	31.40 1.97 0.00	30.69 1.82 0.00	27.14 1.59 0.00	25.88 1.60 0.00	25.10 1.53 0.00	24.26 1.56 0.00	22.54 1.45 0.00	22.86 1.47 0.00	24.68 1.59 0.00	28.95 1.82 0.00	34.81 2.70 0.00	37.93 2.51 -5.17	34.75 2.57 -1.97	34.46 2.54 -1.70	29.30 1.92 0.00	28.21 1.97 0.00	27.03 1.89 0.00
BAYONEEC___CTG3 323684	31.69 1.68 0.00	31.35 1.49 0.00	30.94 1.36 0.00	30.88 1.39 0.00	31.03 1.42 0.00	31.44 1.53 0.00	32.49 1.87 0.00	31.40 1.97 0.00	30.69 1.82 0.00	27.14 1.59 0.00	25.88 1.60 0.00	25.10 1.53 0.00	24.26 1.56 0.00	22.54 1.45 0.00	22.86 1.47 0.00	24.68 1.59 0.00	28.95 1.82 0.00	34.81 2.70 0.00	37.93 2.51 -5.17	34.75 2.57 -1.97	34.46 2.54 -1.70	29.30 1.92 0.00	28.21 1.97 0.00	27.03 1.89 0.00
BAYONEEC___CTG4 323685	31.69 1.68 0.00	31.35 1.49 0.00	30.94 1.36 0.00	30.88 1.39 0.00	31.03 1.42 0.00	31.44 1.53 0.00	32.49 1.87 0.00	31.40 1.97 0.00	30.69 1.82 0.00	27.14 1.59 0.00	25.88 1.60 0.00	25.10 1.53 0.00	24.26 1.56 0.00	22.54 1.45 0.00	22.86 1.47 0.00	24.68 1.59 0.00	28.95 1.82 0.00	34.81 2.70 0.00	37.93 2.51 -5.17	34.75 2.57 -1.97	34.46 2.54 -1.70	29.30 1.92 0.00	28.21 1.97 0.00	27.03 1.89 0.00
BAYONEEC___CTG5 323686	31.69 1.68 0.00	31.35 1.49 0.00	30.94 1.36 0.00	30.88 1.39 0.00	31.03 1.42 0.00	31.44 1.53 0.00	32.49 1.87 0.00	31.40 1.97 0.00	30.69 1.82 0.00	27.14 1.59 0.00	25.88 1.60 0.00	25.10 1.53 0.00	24.26 1.56 0.00	22.54 1.45 0.00	22.86 1.47 0.00	24.68 1.59 0.00	28.95 1.82 0.00	34.81 2.70 0.00	37.93 2.51 -5.17	34.75 2.57 -1.97	34.46 2.54 -1.70	29.30 1.92 0.00	28.21 1.97 0.00	27.03 1.89 0.00
BAYONEEC___CTG6 323687	31.69 1.68 0.00	31.35 1.49 0.00	30.94 1.36 0.00	30.88 1.39 0.00	31.03 1.42 0.00	31.44 1.53 0.00	32.49 1.87 0.00	31.40 1.97 0.00	30.69 1.82 0.00	27.14 1.59 0.00	25.88 1.60 0.00	25.10 1.53 0.00	24.26 1.56 0.00	22.54 1.45 0.00	22.86 1.47 0.00	24.68 1.59 0.00	28.95 1.82 0.00	34.81 2.70 0.00	37.93 2.51 -5.17	34.75 2.57 -1.97	34.46 2.54 -1.70	29.30 1.92 0.00	28.21 1.97 0.00	27.03 1.89 0.00



BAYONEEC___CTG7 323688	31.69 1.68 0.00	31.35 1.49 0.00	30.94 1.36 0.00	30.88 1.39 0.00	31.03 1.42 0.00	31.44 1.53 0.00	32.49 1.87 0.00	31.40 1.97 0.00	30.69 1.82 0.00	27.14 1.59 0.00	25.88 1.60 0.00	25.10 1.53 0.00	24.26 1.56 0.00	22.54 1.45 0.00	22.86 1.47 0.00	24.68 1.59 0.00	28.95 1.82 0.00	34.81 2.70 0.00	37.93 2.51 -5.17	34.75 2.57 -1.97	34.46 2.54 -1.70	29.30 1.92 0.00	28.21 1.97 0.00	27.03 1.89 0.00
BAYONEEC___CTG8 323689	31.69 1.68 0.00	31.35 1.49 0.00	30.94 1.36 0.00	30.88 1.39 0.00	31.03 1.42 0.00	31.44 1.53 0.00	32.49 1.87 0.00	31.40 1.97 0.00	30.69 1.82 0.00	27.14 1.59 0.00	25.88 1.60 0.00	25.10 1.53 0.00	24.26 1.56 0.00	22.54 1.45 0.00	22.86 1.47 0.00	24.68 1.59 0.00	28.95 1.82 0.00	34.81 2.70 0.00	37.93 2.51 -5.17	34.75 2.57 -1.97	34.46 2.54 -1.70	29.30 1.92 0.00	28.21 1.97 0.00	27.03 1.89 0.00
BAYONEEC___CTG9 323749	31.69 1.68 0.00	31.35 1.49 0.00	30.94 1.36 0.00	30.88 1.39 0.00	31.03 1.42 0.00	31.44 1.53 0.00	32.49 1.87 0.00	31.40 1.97 0.00	30.69 1.82 0.00	27.14 1.59 0.00	25.88 1.60 0.00	25.10 1.53 0.00	24.26 1.56 0.00	22.54 1.45 0.00	22.86 1.47 0.00	24.68 1.59 0.00	28.95 1.82 0.00	34.81 2.70 0.00	37.93 2.51 -5.17	34.75 2.57 -1.97	34.46 2.54 -1.70	29.30 1.92 0.00	28.21 1.97 0.00	27.03 1.89 0.00
BEACON___LESR 323632	31.15 1.14 0.00	30.88 1.02 0.00	30.53 0.95 0.00	30.50 1.00 0.00	30.62 1.01 0.00	31.09 1.17 0.00	31.90 1.29 0.00	30.70 1.26 0.00	30.05 1.18 0.00	26.61 1.05 0.00	25.10 0.83 0.00	24.42 0.85 0.00	23.56 0.86 0.00	21.87 0.78 0.00	22.16 0.77 0.00	24.01 0.92 0.00	28.24 1.11 0.00	33.62 1.51 0.00	38.06 1.45 -6.36	34.06 1.42 -2.42	33.74 1.42 -2.10	28.62 1.23 0.00	27.37 1.13 0.00	26.17 1.03 0.00
BEAVER RIVER___HYD 24048	30.10 0.09 0.00	29.92 0.06 0.00	29.64 0.06 0.00	29.52 0.03 0.00	29.73 0.12 0.00	30.04 0.12 0.00	30.80 0.18 0.00	29.42 0.06 0.07	28.78 0.00 0.09	25.55 0.03 0.03	24.29 0.02 0.02	23.52 -0.05 0.00	22.35 -0.34 0.01	20.77 -0.32 0.00	21.07 -0.32 0.00	22.76 -0.32 0.01	26.72 -0.32 0.09	31.85 -0.26 0.01	30.30 -0.18 -0.23	29.86 -0.45 -0.09	29.91 -0.36 -0.05	26.92 -0.47 0.00	25.74 -0.50 0.00	24.61 -0.53 0.00
BEEBEE_GT_13 23619	28.42 -1.59 0.00	28.31 -1.55 0.00	27.78 -1.80 0.00	27.58 -1.92 0.00	27.72 -1.90 0.00	28.03 -1.88 0.00	28.64 -1.96 0.02	25.77 -2.18 1.48	24.60 -2.19 2.07	23.20 -1.99 0.37	22.37 -1.75 0.16	21.72 -1.84 0.01	20.76 -1.88 0.06	19.29 -1.79 0.00	19.70 -1.69 0.00	21.21 -1.82 0.06	23.95 -2.28 0.90	28.84 -2.47 0.79	28.95 -2.03 -0.72	28.38 -2.12 -0.27	28.02 -2.21 -0.01	25.25 -2.11 0.03	24.20 -2.02 0.03	23.31 -1.84 0.00
BENSHRST_27_KV_BENSHRST_1 355998	32.15 2.13 -0.01	32.08 2.21 -0.01	31.39 1.80 0.00	31.26 1.77 0.00	31.48 1.87 -0.01	31.77 1.86 0.00	32.95 2.33 0.00	31.70 2.27 0.00	30.95 2.08 0.00	27.35 1.79 0.00	26.07 1.80 0.00	25.34 1.77 0.00	24.45 1.75 0.00	22.75 1.67 0.00	23.08 1.69 0.00	26.08 1.80 -1.20	29.22 2.09 0.00	35.13 3.02 0.00	38.26 2.84 -5.17	35.06 2.87 -1.97	34.77 2.84 -1.70	41.24 2.16 -11.69	28.51 2.26 -0.01	27.41 2.21 -0.06
BETHLEHEM___GRP 23843	30.52 0.51 0.00	30.43 0.57 0.00	29.97 0.38 0.00	29.91 0.41 0.00	30.00 0.38 0.00	30.43 0.51 0.00	31.29 0.67 0.00	30.17 0.74 0.00	29.56 0.69 0.00	26.22 0.66 0.00	24.74 0.46 0.00	24.07 0.49 0.00	23.24 0.54 0.00	21.57 0.48 0.00	21.86 0.47 0.00	23.64 0.55 0.00	27.75 0.62 0.00	32.95 0.83 0.00	37.44 0.82 -6.37	33.43 0.79 -2.42	33.11 0.79 -2.10	28.04 0.66 0.00	26.92 0.68 0.00	25.70 0.55 0.00
BETHLEHEM___GS1 323560	30.52 0.51 0.00	30.28 0.42 0.00	29.94 0.36 0.00	29.91 0.41 0.00	29.99 0.38 0.00	30.43 0.51 0.00	31.23 0.61 0.00	30.11 0.68 0.00	29.56 0.69 0.00	26.22 0.66 0.00	24.74 0.46 0.00	24.07 0.50 0.00	23.22 0.52 0.00	21.57 0.49 0.00	21.86 0.47 0.00	23.67 0.58 0.00	27.75 0.62 0.00	32.94 0.83 0.00	37.44 0.82 -6.37	33.43 0.78 -2.42	33.11 0.78 -2.10	28.04 0.66 0.00	26.87 0.63 0.00	25.70 0.55 0.00
BETHLEHEM___GS2 323561	30.52 0.51 0.00	30.28 0.42 0.00	29.94 0.36 0.00	29.91 0.41 0.00	29.99 0.38 0.00	30.43 0.51 0.00	31.23 0.61 0.00	30.11 0.68 0.00	29.56 0.69 0.00	26.22 0.66 0.00	24.74 0.46 0.00	24.07 0.50 0.00	23.22 0.52 0.00	21.57 0.49 0.00	21.86 0.47 0.00	23.67 0.58 0.00	27.75 0.62 0.00	32.94 0.83 0.00	37.44 0.82 -6.37	33.43 0.78 -2.42	33.11 0.78 -2.10	28.04 0.66 0.00	26.87 0.63 0.00	25.70 0.55 0.00
BETHLEHEM___GS3 323562	30.52 0.51 0.00	30.28 0.42 0.00	29.94 0.36 0.00	29.91 0.41 0.00	29.99 0.38 0.00	30.43 0.51 0.00	31.23 0.61 0.00	30.11 0.68 0.00	29.56 0.69 0.00	26.22 0.66 0.00	24.74 0.46 0.00	24.07 0.50 0.00	23.22 0.52 0.00	21.57 0.49 0.00	21.86 0.47 0.00	23.67 0.58 0.00	27.75 0.62 0.00	32.94 0.83 0.00	37.44 0.82 -6.37	33.43 0.78 -2.42	33.11 0.78 -2.10	28.04 0.66 0.00	26.87 0.63 0.00	25.70 0.55 0.00
BETHLEHEM___STEEL 23779	27.91 -2.10 0.00	27.83 -2.03 0.00	27.18 -2.40 0.00	26.93 -2.57 0.00	26.98 -2.64 0.00	27.23 -2.69 0.00	27.64 -2.97 0.01	24.15 -3.83 1.45	22.95 -3.90 2.02	21.74 -3.45 0.37	21.00 -3.13 0.15	20.97 -2.59 0.01	19.94 -2.70 0.05	18.51 -2.57 0.00	18.99 -2.40 0.00	20.01 -3.02 0.05	22.29 -3.91 0.93	26.91 -4.46 0.74	27.01 -3.96 -0.72	26.42 -4.08 -0.28	26.09 -4.14 0.00	23.53 -3.83 0.02	23.05 -3.18 0.02	22.45 -2.69 0.00
BETHLHEM_115KV_TB1 79974	30.61 0.60 0.00	30.49 0.63 0.00	30.02 0.44 0.00	29.97 0.47 0.00	30.08 0.47 0.00	30.52 0.60 0.00	31.38 0.77 0.00	30.20 0.77 0.00	29.59 0.72 0.00	26.25 0.69 0.00	24.79 0.51 0.00	24.09 0.52 0.00	23.27 0.57 0.00	21.61 0.53 0.00	21.88 0.49 0.00	23.69 0.60 0.00	27.81 0.68 0.00	33.01 0.90 0.00	37.49 0.88 -6.36	33.52 0.88 -2.42	33.20 0.88 -2.10	28.10 0.71 0.00	26.98 0.73 0.00	25.75 0.60 0.00
BETHPAGE_CC_5 323564	32.29 2.28 0.00	31.95 2.09 0.00	31.50 1.92 0.00	31.35 1.86 0.00	31.57 1.95 0.00	32.01 2.09 0.00	32.95 2.33 0.00	32.29 2.50 -0.35	31.12 2.25 0.00	27.42 1.86 0.00	26.20 1.92 0.00	25.36 1.79 0.00	24.58 1.88 0.00	22.77 1.69 0.00	23.12 1.73 0.00	27.39 1.96 -2.34	31.30 2.30 -1.87	42.66 3.18 -7.37	44.77 3.02 -11.49	40.89 3.05 -7.62	39.29 3.02 -6.05	35.82 2.41 -6.03	32.29 2.39 -3.67	28.89 2.31 -1.44
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.06 -1.95 0.00	27.95 -1.91 0.00	27.33 -2.25 0.00	27.08 -2.42 0.00	27.09 -2.52 0.00	27.35 -2.57 0.00	27.76 -2.85 0.01	24.21 -3.80 1.43	23.02 -3.87 1.98	21.74 -3.45 0.37	21.00 -3.13 0.15	21.06 -2.50 0.01	20.03 -2.61 0.05	18.60 -2.49 0.00	19.08 -2.31 0.00	20.03 -3.00 0.05	22.30 -3.91 0.92	26.96 -4.43 0.72	27.03 -3.96 -0.74	26.43 -4.08 -0.28	26.09 -4.14 -0.01	23.53 -3.83 0.02	23.13 -3.10 0.02	22.53 -2.61 0.00



BINGHAMTON___COGEN 23790	30.13 0.12 0.00	29.98 0.12 0.00	29.52 -0.06 0.00	29.38 -0.12 0.00	29.52 -0.09 0.00	29.86 -0.06 0.00	30.66 0.03 -0.01	29.01 -0.26 0.16	28.34 -0.38 0.15	25.04 -0.38 0.14	23.86 -0.36 0.06	23.31 -0.26 0.00	22.38 -0.30 0.02	20.79 -0.30 0.00	21.13 -0.26 0.00	22.67 -0.39 0.02	26.30 -0.49 0.34	31.93 -0.29 -0.10	31.85 -0.15 -1.75	30.68 -0.21 -0.67	30.50 -0.21 -0.49	27.09 -0.30 0.00	26.04 -0.21 -0.01	24.97 -0.18 0.00
BIXINCNT_115KV_LOAD 355685	28.57 -1.44 0.00	28.43 -1.43 0.00	27.75 -1.83 0.00	27.49 -2.01 0.00	27.51 -2.10 0.00	27.74 -2.18 0.00	28.13 -2.48 0.01	24.40 -3.74 1.29	23.13 -3.95 1.78	21.68 -3.53 0.35	20.86 -3.28 0.14	21.14 -2.43 0.01	20.04 -2.61 0.05	18.56 -2.53 0.00	19.01 -2.37 0.00	19.85 -3.19 0.05	22.10 -4.15 0.88	26.74 -4.75 0.62	26.52 -4.54 -0.80	26.00 -4.53 -0.31	25.61 -4.65 -0.04	23.04 -4.33 0.02	22.79 -3.44 0.01	22.20 -2.94 0.00
BLACK RIVER___HYD 24047	30.19 0.18 0.00	29.92 0.06 0.00	29.64 0.06 0.00	29.52 0.03 0.00	29.82 0.21 0.00	30.16 0.24 0.00	30.96 0.34 0.00	29.58 0.15 0.00	28.93 0.06 0.00	25.64 0.08 0.00	24.33 0.05 0.00	23.50 -0.07 0.00	22.45 -0.25 0.00	20.83 -0.25 0.00	21.15 -0.23 0.00	22.88 -0.21 0.00	26.94 -0.19 0.00	32.14 0.03 0.00	30.73 0.15 -0.33	30.17 -0.18 -0.12	30.24 -0.09 -0.11	27.09 -0.30 0.00	25.87 -0.37 0.00	24.72 -0.43 0.00
BLACKRVR_115KV_TB2 79977	30.19 0.18 0.00	29.98 0.12 0.00	29.64 0.06 0.00	29.52 0.03 0.00	29.82 0.21 0.00	30.16 0.24 0.00	30.99 0.37 0.00	29.58 0.15 0.00	28.93 0.06 0.00	25.64 0.08 0.00	24.35 0.07 0.00	23.50 -0.07 0.00	22.45 -0.25 0.00	20.83 -0.25 0.00	21.15 -0.24 0.00	22.88 -0.21 0.00	26.94 -0.19 0.00	32.14 0.03 0.00	30.73 0.15 -0.33	30.16 -0.18 -0.12	30.24 -0.09 -0.11	27.08 -0.30 0.00	25.87 -0.37 0.00	24.72 -0.43 0.00
BLISS_WT_PWR 323608	28.57 -1.44 0.00	27.92 -1.94 0.00	27.66 -1.92 0.00	27.46 -2.03 0.00	27.48 -2.13 0.00	27.71 -2.21 0.00	27.89 -2.73 0.01	24.31 -3.83 1.29	22.93 -4.16 1.78	21.58 -3.63 0.35	20.74 -3.40 0.14	21.02 -2.55 0.01	19.83 -2.82 0.05	18.45 -2.64 0.00	18.91 -2.48 0.00	19.46 -3.58 0.05	21.94 -4.31 0.88	26.58 -4.91 0.62	26.28 -4.78 -0.80	25.79 -4.74 -0.31	25.34 -4.93 -0.04	22.80 -4.57 0.02	22.58 -3.65 0.01	21.95 -3.19 0.00
BLUESTONE___WT_PWR 323821	32.38 2.37 0.00	32.01 2.15 0.00	31.65 2.07 0.00	31.50 2.01 0.00	31.71 2.10 0.00	32.19 2.27 0.00	33.02 2.39 -0.01	31.24 1.91 0.10	30.40 1.62 0.08	26.77 1.33 0.11	25.47 1.24 0.05	24.70 1.13 0.00	23.75 1.07 0.02	22.01 0.93 0.00	22.37 0.98 0.00	24.04 0.97 0.02	28.15 1.30 0.28	34.25 2.02 -0.12	34.28 2.15 -1.88	32.72 1.78 -0.72	32.68 1.91 -0.55	28.90 1.51 0.00	27.71 1.47 -0.01	26.55 1.41 0.00
BLUE_CIRC_CHEM_DRP 24182	30.97 0.96 0.00	30.88 1.02 0.00	30.44 0.86 0.00	30.41 0.91 0.00	30.50 0.89 0.00	30.91 0.99 0.00	31.75 1.13 0.00	30.49 1.06 0.00	29.79 0.92 0.00	26.38 0.82 0.00	24.93 0.66 0.00	24.25 0.68 0.00	23.38 0.68 0.00	21.72 0.63 0.00	22.01 0.62 0.00	23.83 0.74 0.00	28.02 0.90 0.00	33.33 1.22 0.00	37.67 1.15 -6.26	33.75 1.15 -2.38	33.44 1.15 -2.07	28.37 0.99 0.00	27.21 0.97 0.00	26.00 0.85 0.00
BOC_GAS_DRP 24189	30.76 0.75 0.00	30.64 0.78 0.00	30.20 0.62 0.00	30.11 0.62 0.00	30.23 0.62 0.00	30.64 0.72 0.00	31.51 0.89 0.00	30.31 0.88 0.00	29.65 0.78 0.00	26.25 0.69 0.00	24.86 0.58 0.00	24.16 0.59 0.00	23.31 0.61 0.00	21.66 0.57 0.00	21.94 0.56 0.00	23.73 0.65 0.00	27.89 0.76 0.00	33.17 1.06 0.00	37.62 1.03 -6.34	33.63 1.00 -2.41	33.31 1.00 -2.09	28.18 0.79 0.00	27.03 0.79 0.00	25.87 0.73 0.00
BOONVILLE_115KV_TB1 79983	30.79 0.78 0.00	30.61 0.75 0.00	30.26 0.68 0.00	30.14 0.65 0.00	30.35 0.74 0.00	30.73 0.81 0.00	31.51 0.89 0.00	30.05 0.74 0.11	29.36 0.64 0.14	26.07 0.56 0.05	24.79 0.53 0.02	23.99 0.42 0.00	22.96 0.27 0.01	21.32 0.23 0.00	21.62 0.24 0.00	23.36 0.28 0.01	27.38 0.38 0.13	32.71 0.61 0.01	31.11 0.67 -0.19	30.75 0.45 -0.07	30.80 0.54 -0.03	27.74 0.36 0.00	26.56 0.31 0.00	25.42 0.28 0.00
BORALEX_4TH_BRANCH 23824	31.66 1.65 0.00	31.62 1.76 0.00	31.06 1.48 0.00	31.00 1.50 0.00	31.09 1.48 0.00	31.60 1.68 0.00	32.52 1.90 0.00	31.29 1.85 0.00	30.46 1.59 0.00	26.99 1.43 0.00	25.54 1.26 0.00	24.87 1.30 0.00	23.99 1.29 0.00	22.29 1.20 0.00	22.59 1.20 0.00	24.45 1.36 0.00	28.78 1.65 0.00	34.33 2.22 0.00	38.75 2.15 -6.35	34.75 2.12 -2.41	34.40 2.09 -2.09	29.14 1.75 0.00	27.92 1.68 0.00	26.70 1.56 0.00
BOWLINE___1 23526	31.48 1.47 0.00	31.17 1.31 0.00	30.77 1.18 0.00	30.73 1.24 0.00	30.85 1.24 0.00	31.27 1.35 0.00	32.21 1.59 0.00	31.11 1.68 0.00	30.37 1.50 0.00	26.84 1.28 0.00	25.56 1.29 0.00	24.80 1.22 0.00	23.95 1.25 0.00	22.25 1.16 0.00	22.54 1.15 0.00	24.36 1.27 0.00	28.62 1.49 0.00	34.32 2.21 0.00	37.42 2.15 -5.02	34.31 2.18 -1.91	34.02 2.15 -1.65	29.06 1.67 0.00	27.87 1.63 0.00	26.70 1.56 0.00
BOWLINE___2 23595	31.48 1.47 0.00	31.17 1.31 0.00	30.77 1.18 0.00	30.73 1.24 0.00	30.85 1.24 0.00	31.27 1.35 0.00	32.21 1.59 0.00	31.11 1.68 0.00	30.37 1.50 0.00	26.84 1.28 0.00	25.56 1.29 0.00	24.80 1.22 0.00	23.95 1.25 0.00	22.25 1.16 0.00	22.54 1.15 0.00	24.36 1.27 0.00	28.62 1.49 0.00	34.32 2.21 0.00	37.42 2.15 -5.02	34.31 2.18 -1.91	34.02 2.15 -1.65	29.06 1.67 0.00	27.87 1.63 0.00	26.70 1.56 0.00
BRADY___115KV_TB2 356060	30.25 0.24 0.00	30.04 0.18 0.00	30.05 0.47 0.00	29.97 0.47 0.00	30.11 0.50 0.00	30.22 0.30 0.00	30.68 0.06 0.00	29.58 0.15 0.00	29.10 0.23 0.00	25.87 0.31 0.00	24.57 0.29 0.00	23.95 0.38 0.00	22.99 0.30 0.00	21.36 0.27 0.00	21.64 0.26 0.00	23.34 0.25 0.00	27.37 0.24 0.00	32.01 -0.10 0.00	30.04 -0.21 0.00	29.95 -0.27 0.00	29.98 -0.24 0.00	27.30 -0.08 0.00	26.16 -0.08 0.00	25.09 -0.05 0.00
BRANSCOMB___SOLAR 323811	31.63 1.62 0.00	31.38 1.52 0.00	31.00 1.42 0.00	31.03 1.53 0.00	31.12 1.51 0.00	31.56 1.64 0.00	32.39 1.78 0.00	31.05 1.62 0.00	30.17 1.30 0.00	26.63 1.07 0.00	25.22 0.95 0.00	24.54 0.97 0.00	23.65 0.95 0.00	21.95 0.86 0.00	22.24 0.86 0.00	24.10 1.01 0.00	28.57 1.44 0.00	34.17 2.06 0.00	38.75 1.97 -6.53	34.61 1.91 -2.48	34.31 1.94 -2.15	29.03 1.64 0.00	27.71 1.47 0.00	26.53 1.38 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	32.59 2.58 0.00	32.49 2.63 0.00	31.80 2.22 0.00	31.59 2.09 0.00	31.83 2.22 0.00	32.28 2.36 0.00	33.37 2.76 0.00	32.58 2.80 -0.35	31.35 2.48 0.00	27.58 2.02 0.00	26.39 2.11 0.00	25.53 1.96 0.00	24.76 2.07 0.00	22.94 1.86 0.00	23.29 1.90 0.00	27.57 2.15 -2.34	31.55 2.55 -1.87	43.01 3.53 -7.37	45.29 3.27 -11.77	41.34 3.29 -7.83	39.59 3.32 -6.05	36.13 2.71 -6.03	32.56 2.65 -3.67	29.15 2.56 -1.44



BRISTLHL_115KV_TB1 79998	29.02 -0.99 0.00	28.87 -0.99 0.00	28.52 -1.06 0.00	28.37 -1.12 0.00	28.54 -1.07 0.00	28.87 -1.05 0.00	29.61 -1.01 0.00	28.44 -1.09 -0.10	27.87 -1.13 -0.12	24.58 -1.02 -0.05	23.33 -0.97 -0.02	22.58 -0.99 0.00	21.71 -1.00 -0.01	20.16 -0.93 0.00	20.47 -0.92 0.00	22.10 -0.99 -0.01	26.10 -1.14 -0.12	30.96 -1.16 -0.01	29.80 -0.97 -0.51	29.39 -1.03 -0.20	29.39 -1.03 -0.20	26.37 -1.01 0.00	25.24 -1.00 0.00	24.16 -0.98 0.00
BROOKHAVEN___DRP 24191	32.41 2.40 0.00	32.34 2.48 0.00	31.65 2.07 0.00	31.41 1.92 0.00	31.68 2.07 0.00	32.13 2.21 0.00	33.13 2.51 0.00	32.40 2.62 -0.35	31.21 2.34 0.00	27.45 1.89 0.00	26.32 2.04 0.00	25.43 1.86 0.00	24.67 1.97 0.00	22.86 1.77 0.00	23.14 1.75 0.00	27.43 2.01 -2.34	31.44 2.44 -1.87	42.91 3.44 -7.37	48.37 3.15 -14.98	43.61 3.17 -10.22	39.53 3.26 -6.05	36.07 2.66 -6.03	32.50 2.60 -3.67	29.07 2.49 -1.44
BROOKLYN_NAVY_YARD 23515	31.69 1.68 0.00	31.35 1.49 0.00	30.94 1.36 0.00	30.88 1.39 0.00	31.03 1.42 0.00	31.44 1.53 0.00	32.49 1.87 0.00	31.40 1.97 0.00	30.69 1.82 0.00	27.14 1.59 0.00	25.88 1.60 0.00	25.13 1.56 0.00	24.26 1.56 0.00	22.56 1.48 0.00	22.88 1.50 0.00	24.68 1.59 0.00	28.97 1.85 0.00	34.84 2.73 -5.17	37.99 2.57 -1.97	34.79 2.60 -1.70	34.49 2.57 -1.70	29.33 1.94 0.00	28.21 1.97 0.00	27.03 1.89 0.00
BROOKLYN___ARMY_DRP 323595	32.03 2.01 -0.01	31.96 2.09 -0.01	31.30 1.72 0.00	31.18 1.68 0.00	31.37 1.75 -0.01	31.69 1.77 0.00	32.82 2.20 0.00	31.58 2.15 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.62 2.69 -1.70	41.13 2.05 -11.69	28.40 2.15 -0.01	27.31 2.11 -0.06
BROOKVLE_69_KV_TB1 55790	32.38 2.37 0.00	32.31 2.45 0.00	31.62 2.04 0.00	31.47 1.98 0.00	31.68 2.07 0.00	32.13 2.21 0.00	33.25 2.63 0.00	32.40 2.62 -0.35	31.21 2.34 0.00	27.53 1.97 0.00	26.27 1.99 0.00	25.43 1.86 0.00	24.63 1.93 0.00	22.84 1.75 0.00	23.16 1.78 0.00	27.43 2.01 -2.34	31.33 2.33 -1.87	42.69 3.21 -7.37	44.77 3.06 -11.46	40.90 3.08 -7.60	39.41 3.14 -6.05	35.93 2.52 -6.03	32.35 2.44 -3.67	28.95 2.36 -1.44
BROOME_2_LFGE 323671	30.13 0.12 0.00	29.77 -0.09 0.00	29.49 -0.09 0.00	29.38 -0.12 0.00	29.52 -0.09 0.00	29.86 -0.06 0.00	30.60 -0.03 -0.01	28.98 -0.29 0.16	28.31 -0.40 0.15	25.04 -0.38 0.14	23.86 -0.36 0.06	23.31 -0.26 0.00	22.36 -0.32 0.02	20.79 -0.30 0.00	21.13 -0.26 0.00	22.63 -0.44 0.02	26.31 -0.49 0.34	31.93 -0.29 -0.10	31.85 -0.15 -1.75	30.68 -0.21 -0.67	30.50 -0.21 -0.49	27.09 -0.30 0.00	26.04 -0.21 -0.01	24.97 -0.17 0.00
BROOME___LFGE 323600	30.13 0.12 0.00	29.77 -0.09 0.00	29.49 -0.09 0.00	29.38 -0.12 0.00	29.52 -0.09 0.00	29.86 -0.06 0.00	30.60 -0.03 -0.01	28.98 -0.29 0.16	28.31 -0.40 0.15	25.04 -0.38 0.14	23.86 -0.36 0.06	23.31 -0.26 0.00	22.36 -0.32 0.02	20.79 -0.30 0.00	21.13 -0.26 0.00	22.63 -0.44 0.02	26.31 -0.49 0.34	31.93 -0.29 -0.10	31.85 -0.15 -1.75	30.68 -0.21 -0.67	30.50 -0.21 -0.49	27.09 -0.30 0.00	26.04 -0.21 -0.01	24.97 -0.17 0.00
BROWNFLS_115KV_TB_3_5 80003	29.83 -0.18 0.00	29.59 -0.27 0.00	29.46 -0.12 0.00	29.38 -0.12 0.00	29.55 -0.06 0.00	29.74 -0.18 0.00	30.37 -0.24 0.00	29.17 -0.26 0.00	28.64 -0.23 0.00	25.41 -0.15 0.00	24.13 -0.15 0.00	23.43 -0.14 0.00	22.38 -0.32 0.00	20.77 -0.32 0.00	21.07 -0.32 0.00	22.74 -0.35 0.00	26.72 -0.41 0.00	31.53 -0.58 0.00	29.84 -0.57 -0.16	29.53 -0.76 -0.06	29.55 -0.73 -0.05	26.73 -0.66 0.00	25.61 -0.63 0.00	24.51 -0.63 0.00
BROWNSV1_27_KV_LOAD 356125	31.99 1.98 0.00	31.92 2.06 0.00	31.27 1.69 0.00	31.15 1.65 0.00	31.33 1.72 0.00	31.75 1.83 0.00	32.88 2.27 0.00	31.70 2.27 0.00	30.95 2.08 0.00	27.37 1.81 0.00	26.10 1.82 0.00	25.34 1.77 0.00	24.47 1.77 0.00	22.75 1.67 0.00	23.08 1.69 0.00	24.91 1.82 0.00	29.22 2.09 0.00	35.16 3.05 0.00	38.29 2.87 -5.17	35.09 2.90 -1.97	34.80 2.87 -1.70	29.58 2.19 0.00	28.42 2.18 0.00	27.28 2.14 0.00
BURROWS___LYONSDAL 23803	30.67 0.66 0.00	30.49 0.63 0.00	30.14 0.56 0.00	30.03 0.53 0.00	30.23 0.62 0.00	30.61 0.69 0.00	31.41 0.80 0.00	29.94 0.62 0.11	29.26 0.52 0.13	25.97 0.46 0.05	24.69 0.44 0.02	23.92 0.35 0.00	22.80 0.11 0.01	21.19 0.11 0.00	21.49 0.11 0.00	23.22 0.14 0.01	27.22 0.22 0.12	32.52 0.42 0.01	30.94 0.48 -0.20	30.54 0.24 -0.08	30.59 0.33 -0.03	27.55 0.16 0.00	26.37 0.13 0.00	25.24 0.10 0.00
CAITHNESS_CC_1 323624	32.38 2.37 0.00	32.04 2.18 0.00	31.56 1.98 0.00	31.38 1.89 0.00	31.63 2.01 0.00	32.10 2.18 0.00	32.88 2.27 0.00	32.34 2.56 -0.35	31.18 2.31 0.00	27.40 1.84 0.00	26.27 1.99 0.00	25.39 1.82 0.00	24.65 1.95 0.00	22.82 1.73 0.00	23.12 1.73 0.00	27.41 1.99 -2.34	31.39 2.39 -1.87	42.85 3.37 -7.37	48.32 3.09 -14.98	43.56 3.11 -10.22	39.44 3.17 -6.05	36.02 2.60 -6.03	32.51 2.60 -3.67	29.02 2.44 -1.44
CALPINE BETH_PAGE_GT4 24209	32.23 2.22 0.00	32.13 2.27 0.00	31.47 1.89 0.00	31.29 1.80 0.00	31.51 1.90 0.00	31.95 2.03 0.00	33.07 2.45 0.00	32.26 2.47 -0.35	31.06 2.19 0.00	27.37 1.81 0.00	26.15 1.87 0.00	25.32 1.74 0.00	24.54 1.84 0.00	22.73 1.64 0.00	23.08 1.69 0.00	27.34 1.92 -2.34	31.14 2.14 -1.87	42.56 3.08 -7.37	44.67 2.93 -11.49	40.77 2.93 -7.62	39.17 2.90 -6.05	35.74 2.33 -6.03	32.24 2.34 -3.67	28.82 2.24 -1.44
CALPINE_BETH_PAGE_GT_4 323586	32.23 2.22 0.00	31.89 2.03 0.00	31.45 1.86 0.00	31.29 1.80 0.00	31.51 1.90 0.00	31.96 2.04 0.00	32.89 2.27 0.00	32.23 2.44 -0.36	31.06 2.19 0.00	27.37 1.81 0.00	26.15 1.87 0.00	25.32 1.74 0.00	24.54 1.84 0.00	22.73 1.65 0.00	23.08 1.69 0.00	27.34 1.92 -2.34	31.25 2.25 -1.87	42.56 3.08 -7.37	44.67 2.93 -11.49	40.77 2.93 -7.62	39.17 2.90 -6.05	35.74 2.33 -6.03	32.19 2.28 -3.67	28.82 2.24 -1.44
CALPINE_BP_GT1 23823	32.23 2.22 0.00	31.89 2.03 0.00	31.45 1.86 0.00	31.29 1.80 0.00	31.51 1.90 0.00	31.96 2.04 0.00	32.89 2.27 0.00	32.23 2.44 -0.36	31.06 2.19 0.00	27.37 1.81 0.00	26.15 1.87 0.00	25.32 1.74 0.00	24.54 1.84 0.00	22.73 1.65 0.00	23.08 1.69 0.00	27.34 1.92 -2.34	31.25 2.25 -1.87	42.56 3.08 -7.37	44.67 2.93 -11.49	40.77 2.93 -7.62	39.17 2.90 -6.05	35.74 2.33 -6.03	32.19 2.28 -3.67	28.82 2.24 -1.44
CALSPAN___DRP 24200	27.91 -2.10 0.00	27.83 -2.03 0.00	27.18 -2.40 0.00	26.93 -2.57 0.00	26.98 -2.64 0.00	27.23 -2.69 0.00	27.64 -2.97 0.01	24.15 -3.83 1.45	22.95 -3.90 2.02	21.74 -3.45 0.37	21.00 -3.13 0.15	20.97 -2.59 0.01	19.94 -2.70 0.05	18.51 -2.57 0.00	18.99 -2.40 0.00	20.01 -3.02 0.05	22.29 -3.91 0.93	26.91 -4.46 0.74	27.01 -3.96 -0.72	26.42 -4.08 -0.28	26.09 -4.14 0.00	23.53 -3.83 0.02	23.05 -3.18 0.02	22.45 -2.69 0.00



CALVERTON___SOLAR 323806	32.50 2.49 0.00	32.16 2.30 0.00	31.68 2.10 0.00	31.50 2.01 0.00	31.77 2.16 0.00	32.22 2.30 0.00	33.01 2.39 0.00	32.46 2.68 -0.35	31.29 2.43 0.00	27.50 1.94 0.00	26.37 2.09 0.00	25.48 1.91 0.00	24.74 2.04 0.00	22.90 1.81 0.00	23.18 1.80 0.00	27.50 2.08 -2.34	31.49 2.49 -1.87	43.04 3.56 -7.37	48.50 3.27 -14.98	43.73 3.29 -10.22	39.62 3.35 -6.05	36.18 2.76 -6.03	32.64 2.73 -3.67	29.15 2.57 -1.44
CANDIGU_WT_PWR 323617	30.49 0.48 0.00	30.04 0.18 0.00	29.79 0.21 0.00	29.64 0.15 0.00	29.76 0.15 0.00	30.10 0.18 0.00	30.73 0.09 -0.02	28.96 -0.41 0.06	28.35 -0.58 -0.06	24.79 -0.56 0.21	23.61 -0.58 0.09	23.21 -0.35 0.00	22.15 -0.52 0.03	20.56 -0.53 0.00	20.92 -0.47 0.00	22.20 -0.85 0.03	25.64 -0.98 0.52	31.69 -0.77 -0.35	31.03 -0.58 -1.35	30.10 -0.64 -0.51	29.84 -0.69 -0.31	26.63 -0.77 -0.01	25.70 -0.55 -0.01	24.64 -0.50 0.00
CARR STREET_E_SYR 24060	29.26 -0.75 0.00	28.99 -0.87 0.00	28.69 -0.89 0.00	28.61 -0.88 0.00	28.75 -0.86 0.00	29.08 -0.84 0.00	29.82 -0.80 0.00	28.06 -0.91 0.46	27.35 -0.95 0.57	24.47 -0.87 0.22	23.38 -0.80 0.09	22.74 -0.83 0.01	21.82 -0.84 0.03	20.31 -0.78 0.00	20.64 -0.75 0.00	22.22 -0.83 0.03	25.62 -0.98 0.53	31.10 -0.96 0.04	30.07 -0.76 -0.57	29.63 -0.81 -0.22	29.46 -0.81 -0.05	26.54 -0.85 0.00	25.43 -0.81 0.00	24.34 -0.81 0.00
CARTHAGE___PAPER 23857	30.07 0.06 0.00	29.86 0.00 0.00	29.58 0.00 0.00	29.49 0.00 0.00	29.73 0.12 0.00	30.04 0.12 0.00	30.83 0.22 0.00	29.49 0.06 0.00	28.90 0.03 0.00	25.61 0.05 0.00	24.30 0.02 0.00	23.52 -0.05 0.00	22.40 -0.30 0.00	20.81 -0.27 0.00	21.09 -0.30 0.00	22.83 -0.25 0.00	26.88 -0.24 0.00	31.98 -0.13 0.00	30.51 -0.03 -0.29	30.00 -0.33 -0.11	30.04 -0.27 -0.10	26.98 -0.41 0.00	25.77 -0.47 0.00	24.64 -0.50 0.00
CASSADAGA_WT_PWR 323784	28.78 -1.23 0.00	28.13 -1.73 0.00	27.84 -1.75 0.00	27.61 -1.89 0.00	27.54 -2.07 0.00	27.68 -2.24 0.00	27.80 -2.82 0.01	24.46 -3.65 1.32	23.17 -3.87 1.83	21.80 -3.40 0.36	20.98 -3.16 0.14	21.06 -2.50 0.01	19.97 -2.68 0.05	18.53 -2.55 0.00	18.95 -2.44 0.00	19.64 -3.39 0.05	22.09 -4.15 0.89	26.82 -4.66 0.64	26.83 -4.20 -0.79	26.14 -4.38 -0.30	25.84 -4.41 -0.04	23.35 -4.03 0.02	22.92 -3.31 0.01	22.28 -2.87 0.00
CE_DUNWOOD___DRP 24194	31.66 1.65 0.00	31.56 1.70 0.00	30.97 1.39 0.00	30.88 1.39 0.00	31.00 1.39 0.00	31.42 1.50 0.00	32.52 1.90 0.00	31.31 1.88 0.00	30.54 1.67 0.00	27.02 1.46 0.00	25.73 1.46 0.00	24.96 1.39 0.00	24.10 1.41 0.00	22.39 1.31 0.00	22.71 1.33 0.00	24.52 1.43 0.00	28.81 1.68 0.00	34.58 2.47 0.00	37.76 2.36 -5.15	34.57 2.39 -1.96	34.28 2.36 -1.70	29.22 1.83 0.00	28.03 1.78 0.00	26.88 1.73 0.00
CE_MILLWOOD___DRP 24193	31.60 1.59 0.00	31.53 1.67 0.00	30.94 1.36 0.00	30.85 1.36 0.00	30.97 1.36 0.00	31.39 1.47 0.00	32.46 1.84 0.00	31.26 1.82 0.00	30.49 1.62 0.00	26.96 1.41 0.00	25.69 1.41 0.00	24.91 1.34 0.00	24.06 1.36 0.00	22.33 1.24 0.00	22.65 1.26 0.00	24.47 1.39 0.00	28.76 1.63 0.00	34.52 2.41 0.00	37.66 2.30 -5.11	34.49 2.33 -1.94	34.20 2.30 -1.69	29.17 1.78 0.00	27.97 1.73 0.00	26.80 1.66 0.00
CE_NYC2_DRP 24202	31.87 1.86 0.00	31.80 1.94 0.00	31.15 1.57 0.00	31.03 1.53 0.00	31.21 1.60 0.00	31.57 1.65 0.00	32.70 2.08 0.00	31.49 2.06 0.00	30.74 1.88 0.00	27.19 1.64 0.00	25.93 1.65 0.00	25.17 1.60 0.00	24.31 1.61 0.00	22.60 1.52 0.00	22.93 1.54 0.00	24.92 1.66 -0.17	29.03 1.90 0.00	34.90 2.79 0.00	38.02 2.60 -5.17	34.82 2.63 -1.97	34.52 2.60 -1.70	31.03 1.97 -1.67	28.29 2.05 0.00	27.16 2.01 -0.01
CE_NYC_DRP 24195	31.72 1.71 0.00	31.62 1.76 0.00	31.00 1.42 0.00	30.91 1.42 0.00	31.06 1.45 0.00	31.48 1.56 0.00	32.61 1.99 0.00	31.43 2.00 0.00	30.69 1.82 0.00	27.14 1.58 0.00	25.88 1.60 0.00	25.13 1.56 0.00	24.26 1.57 0.00	22.56 1.48 0.00	22.88 1.50 0.00	24.68 1.59 0.00	28.97 1.84 0.00	34.81 2.70 0.00	37.96 2.54 -5.17	34.79 2.60 -1.97	34.46 2.54 -1.70	29.33 1.94 0.00	28.18 1.94 0.00	27.03 1.89 0.00
CHAFFEE___LFGE 323603	28.00 -2.01 0.00	27.47 -2.39 0.00	27.21 -2.37 0.00	27.02 -2.48 0.00	27.06 -2.55 0.00	27.32 -2.60 0.00	27.61 -3.00 0.01	24.23 -3.83 1.37	23.01 -3.95 1.90	21.77 -3.42 0.36	21.00 -3.13 0.14	21.06 -2.50 0.01	19.97 -2.68 0.05	18.60 -2.49 0.00	19.06 -2.33 0.00	19.87 -3.16 0.05	22.32 -3.91 0.90	27.04 -4.40 0.68	27.11 -3.90 -0.76	26.47 -4.05 -0.29	26.14 -4.11 -0.02	23.59 -3.78 0.02	23.13 -3.10 0.02	22.48 -2.67 0.00
CHATEAUG_35_KV_LOAD 355732	30.43 0.42 0.00	30.19 0.33 0.00	30.17 0.59 0.00	30.05 0.56 0.00	30.14 0.53 0.00	30.28 0.36 0.00	30.74 0.12 0.00	29.64 0.21 0.00	29.19 0.32 0.00	25.99 0.43 0.00	24.74 0.46 0.00	24.04 0.47 0.00	23.13 0.43 0.00	21.38 0.30 0.00	21.64 0.26 0.00	23.34 0.25 0.00	27.48 0.35 0.00	32.05 -0.06 0.00	29.95 -0.30 0.00	29.80 -0.42 0.00	29.74 -0.48 0.00	27.06 -0.33 0.00	25.90 -0.34 0.00	24.84 -0.30 0.00
CHATEAUG_WT_PWR 323614	30.37 0.36 0.00	30.37 0.51 0.00	30.14 0.56 0.00	30.00 0.50 0.00	30.08 0.47 0.00	30.22 0.30 0.00	30.77 0.15 0.00	29.61 0.18 0.00	29.13 0.26 0.00	25.94 0.38 0.00	24.69 0.41 0.00	24.02 0.45 0.00	23.06 0.36 0.00	21.34 0.25 0.00	21.60 0.21 0.00	23.30 0.21 0.00	27.40 0.27 0.00	31.98 -0.13 0.00	29.92 -0.33 0.00	29.77 -0.45 0.00	29.68 -0.54 0.00	27.00 -0.38 0.00	25.85 -0.39 0.00	24.77 -0.38 0.00
CHAT_HIGH_FALL_HYD 323578	30.43 0.42 0.00	30.19 0.33 0.00	30.17 0.59 0.00	30.05 0.56 0.00	30.14 0.53 0.00	30.28 0.36 0.00	30.74 0.12 0.00	29.64 0.21 0.00	29.19 0.32 0.00	25.99 0.43 0.00	24.74 0.46 0.00	24.04 0.47 0.00	23.13 0.43 0.00	21.38 0.30 0.00	21.64 0.26 0.00	23.34 0.25 0.00	27.48 0.35 0.00	32.05 -0.06 0.00	29.95 -0.30 0.00	29.80 -0.42 0.00	29.74 -0.48 0.00	27.06 -0.33 0.00	25.90 -0.34 0.00	24.84 -0.30 0.00
CHAUTAUQUA___LFGE 323629	28.45 -1.56 0.00	27.83 -2.03 0.00	27.57 -2.01 0.00	27.37 -2.12 0.00	27.33 -2.28 0.00	27.56 -2.36 0.00	27.79 -2.82 0.01	24.48 -3.56 1.39	23.23 -3.72 1.92	21.97 -3.22 0.36	21.19 -2.94 0.15	21.18 -2.38 0.01	20.10 -2.54 0.05	18.70 -2.38 0.00	19.12 -2.27 0.00	19.97 -3.07 0.05	22.40 -3.82 0.91	27.16 -4.27 0.68	27.23 -3.78 -0.76	26.59 -3.93 -0.29	26.25 -3.99 -0.02	23.67 -3.70 0.02	23.16 -3.07 0.02	22.50 -2.64 0.00
CHERRYST_13_KV_LD 356241	31.78 1.77 0.00	31.71 1.85 0.00	31.06 1.48 0.00	30.97 1.47 0.00	31.12 1.51 0.00	31.54 1.62 0.00	32.70 2.08 0.00	31.49 2.06 0.00	30.74 1.88 0.00	27.22 1.66 0.00	25.95 1.68 0.00	25.20 1.63 0.00	24.33 1.63 0.00	22.60 1.52 0.00	22.93 1.54 0.00	24.75 1.66 0.00	29.03 1.90 0.00	34.90 2.79 0.00	38.05 2.63 -5.17	34.85 2.66 -1.97	34.56 2.63 -1.70	29.39 2.00 0.00	28.24 1.99 0.00	27.08 1.94 0.00



CHESTROR_138KV_BK263 355645	31.33 1.32 0.00	31.23 1.37 0.00	30.68 1.09 0.00	30.59 1.09 0.00	30.71 1.10 0.00	31.12 1.20 0.00	32.12 1.50 0.00	30.90 1.47 0.00	30.14 1.27 0.00	26.63 1.07 0.00	25.35 1.07 0.00	24.58 1.01 0.00	23.74 1.04 0.00	22.03 0.95 0.00	22.35 0.96 0.00	24.15 1.06 0.00	28.40 1.28 0.00	34.04 1.93 0.00	36.95 1.88 -4.83	33.96 1.90 -1.83	33.69 1.87 -1.59	28.81 1.42 0.00	27.63 1.39 0.00	26.48 1.33 0.00
CH_MIDHUDSON___DRP 24192	32.02 2.01 0.00	31.95 2.09 0.00	30.97 1.39 0.00	30.91 1.42 0.00	31.00 1.39 0.00	31.42 1.50 0.00	32.46 1.84 0.00	31.20 1.77 0.00	30.43 1.56 0.00	26.89 1.33 0.00	25.56 1.29 0.00	24.80 1.23 0.00	23.92 1.23 0.00	22.22 1.14 0.00	22.54 1.15 0.00	24.38 1.29 0.00	28.68 1.55 0.00	34.39 2.28 0.00	37.77 2.21 -5.31	34.45 2.21 -2.02	34.15 2.18 -1.75	29.08 1.70 0.00	27.89 1.65 0.00	26.73 1.58 0.00
CH_MISC_IPPS 23765	31.96 1.95 0.00	31.65 1.79 0.00	31.09 1.51 0.00	31.03 1.53 0.00	31.15 1.54 0.00	31.56 1.64 0.00	32.52 1.90 0.00	31.32 1.89 0.00	30.54 1.67 0.00	26.96 1.40 0.00	25.64 1.36 0.00	24.84 1.27 0.00	23.97 1.27 0.00	22.27 1.18 0.00	22.58 1.20 0.00	24.43 1.34 0.00	28.78 1.66 0.00	34.55 2.44 0.00	37.83 2.36 -5.22	34.56 2.36 -1.98	34.27 2.33 -1.72	29.22 1.84 0.00	28.03 1.79 0.00	26.83 1.68 0.00
CH_RES_BVR_FALLS 23983	29.89 -0.12 0.00	29.80 -0.06 0.00	29.55 -0.03 0.00	29.44 -0.06 0.00	29.49 -0.12 0.00	29.71 -0.21 0.00	30.28 -0.34 0.00	29.14 -0.29 0.00	28.67 -0.20 0.00	25.43 -0.13 0.00	24.18 -0.10 0.00	23.45 -0.12 0.00	22.56 -0.14 0.00	20.94 -0.15 0.00	21.24 -0.15 0.00	22.90 -0.19 0.00	26.86 -0.27 0.00	31.47 -0.64 0.00	29.46 -0.79 0.00	29.38 -0.85 0.00	29.38 -0.85 0.00	26.73 -0.66 0.00	25.59 -0.65 0.00	24.54 -0.60 0.00
CH_RES_NIAGARA 23895	26.68 -3.33 0.00	26.19 -3.67 0.00	25.97 -3.61 0.00	25.78 -3.72 0.00	25.88 -3.73 0.00	26.15 -3.77 0.00	26.50 -4.10 0.01	23.16 -4.71 1.56	21.91 -4.76 2.19	21.11 -4.06 0.39	20.46 -3.67 0.15	20.07 -3.49 0.01	19.08 -3.56 0.06	17.76 -3.33 0.00	18.24 -3.14 0.00	19.41 -3.62 0.06	21.63 -4.53 0.97	25.97 -5.33 0.81	26.35 -4.57 -0.66	25.73 -4.74 -0.26	25.36 -4.84 0.02	22.93 -4.44 0.02	22.18 -4.04 0.02	21.60 -3.54 0.00
CH_RES_SYRACUSE 23985	29.50 -0.51 0.00	29.23 -0.63 0.00	28.93 -0.65 0.00	28.85 -0.65 0.00	28.99 -0.62 0.00	29.32 -0.60 0.00	30.08 -0.55 -0.01	28.66 -0.68 0.10	28.08 -0.72 0.07	24.77 -0.66 0.13	23.59 -0.63 0.05	22.93 -0.64 0.00	22.00 -0.68 0.02	20.45 -0.63 0.00	20.79 -0.60 0.00	22.40 -0.67 0.02	26.06 -0.76 0.31	31.55 -0.71 -0.14	30.34 -0.54 -0.63	29.89 -0.58 -0.24	29.77 -0.58 -0.13	26.79 -0.60 0.00	25.64 -0.60 -0.01	24.52 -0.63 0.00
CLINTON_WT_PWR 323605	30.37 0.36 0.00	30.37 0.51 0.00	30.14 0.56 0.00	30.00 0.50 0.00	30.08 0.47 0.00	30.22 0.30 0.00	30.77 0.15 0.00	29.61 0.18 0.00	29.13 0.26 0.00	25.94 0.38 0.00	24.69 0.41 0.00	24.02 0.45 0.00	23.06 0.36 0.00	21.34 0.25 0.00	21.60 0.21 0.00	23.30 0.21 0.00	27.40 0.27 0.00	31.98 -0.13 0.00	29.92 -0.33 0.00	29.77 -0.45 0.00	29.68 -0.54 0.00	27.00 -0.38 0.00	25.85 -0.39 0.00	24.77 -0.38 0.00
CLINTON___LFGE 323618	30.91 0.90 0.00	30.90 1.04 0.00	30.68 1.10 0.00	30.50 1.00 0.00	30.62 1.01 0.00	30.76 0.84 0.00	31.32 0.70 0.00	30.14 0.71 0.00	29.59 0.72 0.00	26.38 0.82 0.00	25.10 0.83 0.00	24.40 0.82 0.00	23.47 0.77 0.00	21.66 0.57 0.00	21.94 0.56 0.00	23.67 0.58 0.00	27.89 0.76 0.00	32.56 0.45 0.00	30.43 0.18 0.00	30.22 0.00 0.00	30.16 -0.06 0.00	27.39 0.00 0.00	26.19 -0.05 0.00	25.12 -0.03 0.00
COBBLENY_34_KV_TB1 80064	28.00 -2.01 0.00	27.92 -1.94 0.00	27.27 -2.31 0.00	27.02 -2.48 0.00	27.06 -2.55 0.00	27.32 -2.60 0.00	27.73 -2.88 0.01	24.26 -3.80 1.37	23.10 -3.87 1.90	21.77 -3.42 0.36	21.03 -3.11 0.14	21.06 -2.50 0.01	20.04 -2.61 0.05	18.60 -2.49 0.00	19.06 -2.33 0.00	20.06 -2.98 0.05	22.35 -3.88 0.90	27.04 -4.40 0.68	27.11 -3.90 -0.76	26.50 -4.02 -0.29	26.17 -4.08 -0.02	23.59 -3.78 0.02	23.13 -3.10 0.02	22.53 -2.61 0.00
COFFEEN___115KV_TB3 355620	30.43 0.42 0.00	30.19 0.33 0.00	29.85 0.27 0.00	29.73 0.24 0.00	30.03 0.41 0.00	30.40 0.48 0.00	31.20 0.58 0.00	29.78 0.35 0.00	29.10 0.23 0.00	25.79 0.23 0.00	24.47 0.19 0.00	23.62 0.05 0.00	22.56 -0.14 0.00	20.96 -0.13 0.00	21.26 -0.13 0.00	23.00 -0.09 0.00	27.13 0.00 0.00	32.40 0.29 0.00	31.01 0.42 -0.33	30.38 0.03 -0.13	30.48 0.15 -0.11	27.28 -0.11 0.00	26.06 -0.18 0.00	24.89 -0.25 0.00
COLDSPRG_115KV_BK1 355956	29.23 -0.78 0.00	29.11 -0.75 0.00	28.40 -1.18 0.00	28.14 -1.36 0.00	28.13 -1.48 0.00	28.36 -1.56 0.00	28.72 -1.90 0.00	25.14 -3.06 1.23	23.95 -3.23 1.68	22.33 -2.89 0.35	21.47 -2.67 0.14	21.80 -1.77 0.01	20.74 -1.91 0.05	19.21 -1.88 0.00	19.61 -1.78 0.00	20.43 -2.61 0.05	22.80 -3.47 0.86	27.70 -3.85 0.56	27.63 -3.45 -0.83	26.94 -3.60 -0.32	26.68 -3.60 -0.06	24.06 -3.31 0.01	23.76 -2.47 0.01	23.08 -2.06 0.00
COLONIE_LFGE___ 323577	31.30 1.29 0.00	31.06 1.20 0.00	30.70 1.12 0.00	30.68 1.18 0.00	30.74 1.12 0.00	31.21 1.29 0.00	32.03 1.41 0.00	30.81 1.38 0.00	30.05 1.18 0.00	26.58 1.02 0.00	25.18 0.90 0.00	24.49 0.92 0.00	23.63 0.93 0.00	21.93 0.84 0.00	22.22 0.83 0.00	24.08 0.99 0.00	28.38 1.25 0.00	33.78 1.67 0.00	38.34 1.63 -6.45	34.28 1.60 -2.45	33.95 1.60 -2.13	28.73 1.34 0.00	27.47 1.23 0.00	26.30 1.16 0.00
COOPERNY_115KV_TB1 80082	31.00 0.99 0.00	30.91 1.05 0.00	30.38 0.80 0.00	30.29 0.80 0.00	30.44 0.83 0.00	30.82 0.90 0.00	31.78 1.16 0.00	30.51 1.09 0.01	29.81 0.95 0.01	26.35 0.79 0.00	25.08 0.80 0.00	24.33 0.75 0.00	23.47 0.77 0.00	21.80 0.72 0.00	22.11 0.73 0.00	23.87 0.78 0.00	28.05 0.92 0.00	33.55 1.44 0.00	35.61 1.42 -3.93	33.14 1.42 -1.50	32.94 1.42 -1.30	28.45 1.07 0.00	27.26 1.02 0.00	26.15 1.01 0.00
COPENHAGEN_WT_PWR 323753	30.07 0.06 0.00	29.83 -0.03 0.00	29.52 -0.06 0.00	29.44 -0.06 0.00	29.67 0.06 0.00	30.04 0.12 0.00	30.83 0.22 0.00	29.43 0.00 0.00	28.81 -0.06 0.00	25.53 -0.03 0.00	24.23 -0.05 0.00	23.43 -0.14 0.00	22.36 -0.34 0.00	20.77 -0.32 0.00	21.09 -0.30 0.00	22.79 -0.30 0.00	26.86 -0.27 0.00	32.05 -0.06 0.00	30.63 0.03 -0.34	30.08 -0.27 -0.13	30.15 -0.18 -0.11	27.03 -0.36 0.00	25.82 -0.42 0.00	24.66 -0.48 0.00
CORNELL_____ 23752	30.58 0.57 0.00	30.43 0.57 0.00	30.00 0.41 0.00	29.85 0.35 0.00	30.03 0.41 0.00	30.40 0.48 0.00	31.22 0.58 -0.02	29.75 0.29 -0.02	29.16 0.14 -0.15	25.43 0.03 0.15	24.21 0.00 0.07	23.57 0.00 0.00	22.61 -0.07 0.02	21.00 -0.08 0.00	21.35 -0.04 0.00	23.00 -0.07 0.02	26.75 0.00 0.38	32.75 0.32 -0.32	31.96 0.45 -1.26	31.06 0.36 -0.48	30.90 0.36 -0.32	27.59 0.19 -0.01	26.44 0.18 -0.01	25.29 0.15 0.00



CORONA_69_KV_TB1 355595	32.29 2.28 0.00	32.19 2.33 0.00	31.53 1.95 0.00	31.41 1.92 0.00	31.59 1.98 0.00	32.04 2.12 0.00	33.16 2.54 0.00	32.32 2.53 -0.35	31.15 2.28 0.00	27.48 1.92 0.00	26.22 1.94 0.00	25.39 1.81 0.00	24.58 1.88 0.00	22.79 1.71 0.00	23.14 1.75 0.00	27.36 1.94 -2.34	31.25 2.25 -1.87	42.69 3.21 -7.37	44.75 3.06 -11.44	40.89 3.08 -7.58	39.32 3.05 -6.05	35.82 2.41 -6.03	32.24 2.34 -3.67	28.87 2.29 -1.44
CORTLAND_115KV_TB3 80093	30.25 0.24 0.00	30.10 0.24 0.00	29.70 0.12 0.00	29.55 0.06 0.00	29.70 0.09 0.00	30.07 0.15 0.00	30.90 0.28 -0.01	29.29 0.03 0.17	28.62 -0.09 0.16	25.28 -0.13 0.15	24.09 -0.12 0.06	23.45 -0.12 0.00	22.49 -0.18 0.02	20.92 -0.17 0.00	21.24 -0.15 0.00	22.88 -0.18 0.02	26.57 -0.19 0.37	32.26 0.03 -0.11	31.46 0.18 -1.03	30.70 0.09 -0.39	30.56 0.09 -0.25	27.36 -0.03 0.00	26.22 -0.03 -0.01	25.09 -0.05 0.00
COXSACKIE___GT 23611	32.17 2.16 0.00	31.95 2.09 0.00	31.62 2.04 0.00	31.65 2.15 0.00	31.77 2.16 0.00	32.17 2.25 0.00	33.07 2.45 0.00	31.58 2.15 0.00	30.83 1.96 0.00	27.07 1.51 0.00	25.42 1.14 0.00	24.58 1.01 0.00	23.67 0.98 0.00	21.99 0.91 0.00	22.31 0.92 0.00	24.31 1.22 0.00	28.89 1.76 0.00	34.68 2.57 0.00	38.68 2.39 -6.04	34.79 2.27 -2.30	34.45 2.24 -1.99	29.38 2.00 0.00	28.08 1.84 0.00	26.80 1.66 0.00
CPV_VALLEY___CC1 323721	31.06 1.05 0.00	30.79 0.93 0.00	30.41 0.83 0.00	30.35 0.86 0.00	30.47 0.86 0.00	30.88 0.96 0.00	31.78 1.16 0.00	30.63 1.21 0.01	29.93 1.07 0.01	26.45 0.89 0.00	25.20 0.92 0.00	24.44 0.87 0.00	23.58 0.88 0.00	21.91 0.82 0.00	22.22 0.83 0.00	23.99 0.90 0.00	28.18 1.06 0.00	33.74 1.64 0.00	36.36 1.60 -4.51	33.54 1.60 -1.72	33.31 1.60 -1.49	28.59 1.20 0.00	27.42 1.18 0.00	26.28 1.13 0.00
CPV_VALLEY___CC2 323722	31.06 1.05 0.00	30.79 0.93 0.00	30.41 0.83 0.00	30.35 0.86 0.00	30.47 0.86 0.00	30.88 0.96 0.00	31.78 1.16 0.00	30.63 1.21 0.01	29.93 1.07 0.01	26.45 0.89 0.00	25.20 0.92 0.00	24.44 0.87 0.00	23.58 0.88 0.00	21.91 0.82 0.00	22.22 0.83 0.00	23.99 0.90 0.00	28.18 1.06 0.00	33.74 1.64 0.00	36.36 1.60 -4.51	33.54 1.60 -1.72	33.31 1.60 -1.49	28.59 1.20 0.00	27.42 1.18 0.00	26.28 1.13 0.00
CRESCENT___HYD 24018	31.30 1.29 0.00	31.06 1.20 0.00	30.70 1.12 0.00	30.68 1.18 0.00	30.74 1.12 0.00	31.21 1.29 0.00	32.03 1.41 0.00	30.81 1.38 0.00	30.05 1.18 0.00	26.58 1.02 0.00	25.18 0.90 0.00	24.49 0.92 0.00	23.63 0.93 0.00	21.93 0.84 0.00	22.22 0.83 0.00	24.08 0.99 0.00	28.38 1.25 0.00	33.78 1.67 0.00	38.34 1.63 -6.45	34.28 1.60 -2.45	33.95 1.60 -2.13	28.73 1.34 0.00	27.47 1.23 0.00	26.30 1.16 0.00
CRICKET___VALLEY_CC1 323756	31.42 1.41 0.00	31.17 1.31 0.00	30.79 1.21 0.00	30.73 1.24 0.00	30.83 1.21 0.00	31.30 1.38 0.00	32.21 1.59 0.00	31.05 1.62 0.00	30.31 1.44 0.00	26.81 1.25 0.00	25.47 1.19 0.00	24.75 1.18 0.00	23.88 1.18 0.00	22.18 1.10 0.00	22.50 1.11 0.00	24.33 1.25 0.00	28.59 1.46 0.00	34.20 2.09 0.00	37.75 2.00 -5.50	34.31 1.99 -2.09	34.03 1.99 -1.81	28.95 1.56 0.00	27.79 1.55 0.00	26.60 1.46 0.00
CRICKET___VALLEY_CC2 323757	31.42 1.41 0.00	31.17 1.31 0.00	30.79 1.21 0.00	30.73 1.24 0.00	30.83 1.21 0.00	31.30 1.38 0.00	32.21 1.59 0.00	31.05 1.62 0.00	30.31 1.44 0.00	26.81 1.25 0.00	25.47 1.19 0.00	24.75 1.18 0.00	23.88 1.18 0.00	22.18 1.10 0.00	22.50 1.11 0.00	24.33 1.25 0.00	28.59 1.46 0.00	34.20 2.09 0.00	37.75 2.00 -5.50	34.31 1.99 -2.09	34.03 1.99 -1.81	28.95 1.56 0.00	27.79 1.55 0.00	26.60 1.46 0.00
CRICKET___VALLEY_CC3 323758	31.42 1.41 0.00	31.17 1.31 0.00	30.79 1.21 0.00	30.73 1.24 0.00	30.83 1.21 0.00	31.30 1.38 0.00	32.21 1.59 0.00	31.05 1.62 0.00	30.31 1.44 0.00	26.81 1.25 0.00	25.47 1.19 0.00	24.75 1.18 0.00	23.88 1.18 0.00	22.18 1.10 0.00	22.50 1.11 0.00	24.33 1.25 0.00	28.59 1.46 0.00	34.20 2.09 0.00	37.75 2.00 -5.50	34.31 1.99 -2.09	34.03 1.99 -1.81	28.95 1.56 0.00	27.79 1.55 0.00	26.60 1.46 0.00
CRUCIBLE_METL_DRP 24180	29.50 -0.51 0.00	29.35 -0.51 0.00	28.96 -0.62 0.00	28.85 -0.65 0.00	28.99 -0.62 0.00	29.32 -0.60 0.00	30.11 -0.52 -0.01	28.68 -0.65 0.10	28.11 -0.69 0.07	24.77 -0.66 0.13	23.59 -0.63 0.05	22.91 -0.66 0.00	22.00 -0.68 0.02	20.45 -0.63 0.00	20.79 -0.60 0.00	22.40 -0.67 0.02	26.06 -0.76 0.31	31.55 -0.71 -0.14	30.37 -0.51 -0.63	29.89 -0.57 -0.24	29.78 -0.57 -0.13	26.79 -0.60 0.00	25.64 -0.60 -0.01	24.51 -0.63 0.00
DAHOWA___HYDRO 323763	31.72 1.71 0.00	31.47 1.61 0.00	31.09 1.51 0.00	31.12 1.62 0.00	31.21 1.60 0.00	31.68 1.76 0.00	32.49 1.87 0.00	31.14 1.71 0.00	30.25 1.39 0.00	26.68 1.12 0.00	25.27 1.00 0.00	24.58 1.01 0.00	23.70 1.00 0.00	21.97 0.89 0.00	22.27 0.88 0.00	24.15 1.06 0.00	28.65 1.52 0.00	34.29 2.18 0.00	38.88 2.09 -6.54	34.73 2.03 -2.49	34.40 2.03 -2.16	29.11 1.73 0.00	27.79 1.55 0.00	26.58 1.43 0.00
DANC___LFGE 323619	29.68 -0.33 0.00	29.41 -0.45 0.00	29.14 -0.44 0.00	29.02 -0.47 0.00	29.22 -0.39 0.00	29.59 -0.33 0.00	30.37 -0.25 0.00	28.99 -0.44 0.00	28.38 -0.49 0.00	25.15 -0.41 0.00	23.89 -0.39 0.00	23.10 -0.47 0.00	22.11 -0.59 0.00	20.54 -0.55 0.00	20.85 -0.53 0.00	22.53 -0.55 0.00	26.51 -0.62 0.00	31.60 -0.52 0.00	30.30 -0.36 -0.41	29.80 -0.58 -0.15	29.84 -0.51 -0.13	26.78 -0.60 0.00	25.59 -0.65 0.00	24.47 -0.68 0.00
DANSKAMMER___1 23586	31.96 1.95 0.00	31.65 1.79 0.00	31.09 1.51 0.00	31.03 1.53 0.00	31.15 1.54 0.00	31.56 1.64 0.00	32.52 1.90 0.00	31.32 1.89 0.00	30.54 1.67 0.00	26.96 1.40 0.00	25.64 1.36 0.00	24.84 1.27 0.00	23.97 1.27 0.00	22.27 1.18 0.00	22.58 1.20 0.00	24.43 1.34 0.00	28.78 1.66 0.00	34.55 2.44 0.00	37.83 2.36 -5.22	34.56 2.36 -1.98	34.27 2.33 -1.72	29.22 1.84 0.00	28.03 1.79 0.00	26.83 1.68 0.00
DANSKAMMER___2 23589	31.96 1.95 0.00	31.65 1.79 0.00	31.09 1.51 0.00	31.03 1.53 0.00	31.15 1.54 0.00	31.56 1.64 0.00	32.52 1.90 0.00	31.32 1.89 0.00	30.54 1.67 0.00	26.96 1.40 0.00	25.64 1.36 0.00	24.84 1.27 0.00	23.97 1.27 0.00	22.27 1.18 0.00	22.58 1.20 0.00	24.43 1.34 0.00	28.78 1.66 0.00	34.55 2.44 0.00	37.83 2.36 -5.22	34.56 2.36 -1.98	34.27 2.33 -1.72	29.22 1.84 0.00	28.03 1.79 0.00	26.83 1.68 0.00
DANSKAMMER___3 23590	31.96 1.95 0.00	31.65 1.79 0.00	31.09 1.51 0.00	31.03 1.53 0.00	31.15 1.54 0.00	31.56 1.64 0.00	32.52 1.90 0.00	31.32 1.89 0.00	30.54 1.67 0.00	26.96 1.40 0.00	25.64 1.36 0.00	24.84 1.27 0.00	23.97 1.27 0.00	22.27 1.18 0.00	22.58 1.20 0.00	24.43 1.34 0.00	28.78 1.66 0.00	34.55 2.44 0.00	37.83 2.36 -5.22	34.56 2.36 -1.98	34.27 2.33 -1.72	29.22 1.84 0.00	28.03 1.79 0.00	26.83 1.68 0.00



DANSKAMMER___4 23591	31.96 1.95 0.00	31.65 1.79 0.00	31.09 1.51 0.00	31.03 1.53 0.00	31.15 1.54 0.00	31.56 1.64 0.00	32.52 1.90 0.00	31.32 1.89 0.00	30.54 1.67 0.00	26.96 1.40 0.00	25.64 1.36 0.00	24.84 1.27 0.00	23.97 1.27 0.00	22.27 1.18 0.00	22.58 1.20 0.00	24.43 1.34 0.00	28.78 1.66 0.00	34.55 2.44 0.00	37.83 2.36 -5.22	34.56 2.36 -1.98	34.27 2.33 -1.72	29.22 1.84 0.00	28.03 1.79 0.00	26.83 1.68 0.00
DANSKAMMER___DIESEL 23592	31.96 1.95 0.00	31.89 2.03 0.00	31.12 1.54 0.00	31.03 1.53 0.00	31.15 1.54 0.00	31.57 1.65 0.00	32.61 1.99 0.00	31.31 1.88 0.00	30.54 1.67 0.00	26.96 1.41 0.00	25.64 1.36 0.00	24.84 1.27 0.00	23.97 1.27 0.00	22.27 1.18 0.00	22.59 1.20 0.00	24.43 1.34 0.00	28.76 1.63 0.00	34.55 2.44 0.00	37.83 2.36 -5.22	34.56 2.36 -1.98	34.27 2.33 -1.72	29.22 1.83 0.00	28.00 1.76 0.00	26.83 1.68 0.00
DARBY___SOLAR 323810	31.63 1.62 0.00	31.41 1.55 0.00	31.03 1.45 0.00	31.03 1.53 0.00	31.12 1.51 0.00	31.59 1.67 0.00	32.39 1.78 0.00	31.08 1.65 0.00	30.23 1.36 0.00	26.68 1.12 0.00	25.27 1.00 0.00	24.58 1.01 0.00	23.70 1.00 0.00	21.97 0.89 0.00	22.27 0.88 0.00	24.15 1.06 0.00	28.59 1.46 0.00	34.17 2.06 0.00	38.78 2.00 -6.53	34.64 1.94 -2.48	34.31 1.94 -2.15	29.03 1.64 0.00	27.71 1.47 0.00	26.53 1.38 0.00
DASHVILLE___HYD 23610	31.54 1.53 0.00	31.47 1.61 0.00	30.76 1.18 0.00	30.67 1.18 0.00	30.82 1.21 0.00	31.18 1.26 0.00	32.24 1.62 0.00	30.96 1.53 0.00	30.17 1.30 0.00	26.61 1.05 0.00	25.32 1.04 0.00	24.54 0.97 0.00	23.67 0.98 0.00	21.99 0.91 0.00	22.31 0.92 0.00	24.13 1.04 0.00	28.40 1.28 0.00	34.17 2.06 0.00	37.34 1.72 -5.36	34.01 1.75 -2.04	33.71 1.72 -1.77	28.86 1.48 0.00	27.68 1.44 0.00	26.55 1.41 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	32.98 2.97 0.00	32.91 3.05 0.00	32.18 2.60 0.00	31.94 2.45 0.00	32.25 2.64 0.00	32.73 2.81 0.00	33.77 3.15 0.00	33.05 3.27 -0.35	31.78 2.92 0.00	27.91 2.35 0.00	26.75 2.48 0.00	25.83 2.26 0.00	25.08 2.38 0.00	23.22 2.13 0.00	23.48 2.10 0.00	27.83 2.40 -2.34	31.90 2.90 -1.87	43.62 4.14 -7.37	49.04 3.81 -14.97	44.27 3.84 -10.22	40.17 3.90 -6.05	36.65 3.23 -6.03	33.00 3.10 -3.67	29.55 2.97 -1.44
DELAWARE___LFGE 323621	31.15 1.14 0.00	31.02 1.16 0.00	30.56 0.98 0.00	30.44 0.94 0.00	30.59 0.98 0.00	31.00 1.08 0.00	31.91 1.29 -0.01	30.35 1.09 0.17	29.58 0.92 0.22	26.25 0.77 0.08	25.00 0.75 0.03	24.28 0.71 0.00	23.39 0.70 0.01	21.72 0.63 0.00	22.03 0.64 0.00	23.77 0.69 0.01	27.78 0.84 0.19	33.40 1.32 0.03	33.88 1.33 -2.30	32.31 1.21 -0.88	32.17 1.24 -0.71	28.34 0.96 0.00	27.19 0.94 0.00	26.05 0.91 0.00
DERFIELD_115KV_TB7 355931	30.25 0.24 0.00	30.13 0.27 0.00	29.79 0.21 0.00	29.70 0.21 0.00	29.82 0.21 0.00	30.16 0.24 0.00	30.92 0.31 0.00	29.70 0.26 0.00	29.07 0.20 0.00	25.74 0.18 0.00	24.45 0.17 0.00	23.71 0.14 0.00	22.86 0.16 0.00	21.23 0.15 0.00	21.54 0.15 0.00	23.25 0.16 0.00	27.32 0.19 0.00	32.43 0.32 0.00	30.58 0.33 0.00	30.52 0.30 0.00	30.52 0.30 0.00	27.61 0.22 0.00	26.45 0.21 0.00	25.34 0.20 0.00
DOGLEVILLE___HYD 23807	31.24 1.23 0.00	31.02 1.16 0.00	30.73 1.15 0.00	30.64 1.15 0.00	30.80 1.19 0.00	31.18 1.26 0.00	31.93 1.32 0.00	30.64 1.21 0.00	29.99 1.12 0.00	26.55 1.00 0.00	25.22 0.95 0.00	24.49 0.92 0.00	23.58 0.88 0.00	21.89 0.80 0.00	22.20 0.81 0.00	23.85 0.76 0.00	28.00 0.87 0.00	33.20 1.09 0.00	31.25 1.00 0.00	31.13 0.91 0.00	31.16 0.94 0.00	28.29 0.90 0.00	27.13 0.89 0.00	26.00 0.86 0.00
DUNKIRK___115KV_TB_200 55889	28.39 -1.62 0.00	28.28 -1.58 0.00	27.60 -1.98 0.00	27.34 -2.15 0.00	27.33 -2.28 0.00	27.56 -2.36 0.00	27.95 -2.66 0.01	24.54 -3.50 1.39	23.33 -3.61 1.93	22.00 -3.19 0.36	21.22 -2.91 0.15	21.21 -2.36 0.01	20.17 -2.47 0.05	18.70 -2.38 0.00	19.16 -2.22 0.00	20.15 -2.89 0.05	22.48 -3.74 0.91	27.18 -4.24 0.69	27.29 -3.72 -0.76	26.64 -3.87 -0.29	26.31 -3.93 -0.02	23.73 -3.64 0.02	23.21 -3.02 0.02	22.58 -2.56 0.00
DUNKIRK___1 23563	28.39 -1.62 0.00	28.28 -1.58 0.00	27.60 -1.98 0.00	27.34 -2.15 0.00	27.33 -2.28 0.00	27.56 -2.36 0.00	27.95 -2.66 0.01	24.54 -3.50 1.39	23.33 -3.61 1.93	22.00 -3.19 0.36	21.22 -2.91 0.15	21.21 -2.36 0.01	20.17 -2.47 0.05	18.70 -2.38 0.00	19.16 -2.22 0.00	20.15 -2.89 0.05	22.48 -3.74 0.91	27.18 -4.24 0.69	27.29 -3.72 -0.76	26.64 -3.87 -0.29	26.31 -3.93 -0.02	23.73 -3.64 0.02	23.21 -3.02 0.02	22.58 -2.56 0.00
DUNKIRK___2 23564	28.39 -1.62 0.00	28.28 -1.58 0.00	27.60 -1.98 0.00	27.34 -2.15 0.00	27.33 -2.28 0.00	27.56 -2.36 0.00	27.95 -2.66 0.01	24.54 -3.50 1.39	23.33 -3.61 1.93	22.00 -3.19 0.36	21.22 -2.91 0.15	21.21 -2.36 0.01	20.17 -2.47 0.05	18.70 -2.38 0.00	19.16 -2.22 0.00	20.15 -2.89 0.05	22.48 -3.74 0.91	27.18 -4.24 0.69	27.29 -3.72 -0.76	26.64 -3.87 -0.29	26.31 -3.93 -0.02	23.73 -3.64 0.02	23.21 -3.02 0.02	22.58 -2.56 0.00
DUNKIRK___3 23565	28.24 -1.77 0.00	28.13 -1.73 0.00	27.48 -2.10 0.00	27.22 -2.27 0.00	27.24 -2.37 0.00	27.47 -2.45 0.00	27.88 -2.73 0.01	24.46 -3.56 1.41	23.24 -3.67 1.96	21.95 -3.25 0.37	21.19 -2.94 0.15	21.18 -2.38 0.01	20.15 -2.50 0.05	18.68 -2.40 0.00	19.14 -2.25 0.00	20.15 -2.89 0.05	22.47 -3.74 0.91	27.17 -4.24 0.71	27.25 -3.75 -0.75	26.64 -3.87 -0.29	26.31 -3.93 -0.02	23.75 -3.61 0.02	23.23 -2.99 0.02	22.60 -2.54 0.00
DUNKIRK___4 23566	28.24 -1.77 0.00	28.13 -1.73 0.00	27.48 -2.10 0.00	27.22 -2.27 0.00	27.24 -2.37 0.00	27.47 -2.45 0.00	27.88 -2.73 0.01	24.46 -3.56 1.41	23.24 -3.67 1.96	21.95 -3.25 0.37	21.19 -2.94 0.15	21.18 -2.38 0.01	20.15 -2.50 0.05	18.68 -2.40 0.00	19.14 -2.25 0.00	20.15 -2.89 0.05	22.47 -3.74 0.91	27.17 -4.24 0.71	27.25 -3.75 -0.75	26.64 -3.87 -0.29	26.31 -3.93 -0.02	23.75 -3.61 0.02	23.23 -2.99 0.02	22.60 -2.54 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.69 1.68 0.00	31.62 1.76 0.00	31.00 1.42 0.00	30.94 1.45 0.00	31.06 1.45 0.00	31.48 1.56 0.00	32.58 1.96 0.00	31.37 1.94 0.00	30.60 1.73 0.00	27.07 1.51 0.00	25.78 1.51 0.00	25.01 1.44 0.00	24.17 1.48 0.00	22.46 1.37 0.00	22.76 1.37 0.00	24.59 1.50 0.00	28.89 1.76 0.00	34.68 2.57 0.00	37.87 2.45 -5.17	34.67 2.48 -1.97	34.37 2.45 -1.70	29.28 1.89 0.00	28.08 1.84 0.00	26.93 1.79 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.60 1.59 0.00	31.50 1.64 0.00	30.85 1.27 0.00	30.76 1.27 0.00	30.88 1.27 0.00	31.30 1.38 0.00	32.33 1.71 0.00	31.08 1.65 0.00	30.31 1.44 0.00	26.76 1.20 0.00	25.47 1.19 0.00	24.70 1.13 0.00	23.83 1.13 0.00	22.14 1.05 0.00	22.46 1.07 0.00	24.27 1.18 0.00	28.57 1.44 0.00	34.26 2.15 0.00	37.39 2.09 -5.05	34.23 2.09 -1.92	33.97 2.09 -1.67	29.00 1.62 0.00	27.79 1.55 0.00	26.63 1.48 0.00



E179THST_138_KV_TB4_REV_LBMP_J 345001	31.75 1.74 0.00	31.71 1.85 0.00	31.03 1.45 0.00	30.91 1.42 0.00	31.12 1.51 0.00	31.42 1.50 0.00	32.58 1.96 0.00	31.37 1.94 0.00	30.63 1.76 0.00	27.09 1.53 0.00	25.81 1.53 0.00	25.06 1.48 0.00	24.20 1.50 0.00	22.50 1.41 0.00	22.82 1.43 0.00	24.63 1.55 0.01	28.89 1.76 0.00	34.74 2.63 0.00	37.90 2.48 -5.17	34.70 2.51 -1.97	34.37 2.45 -1.70	29.21 1.83 0.01	28.18 1.94 0.00	27.06 1.91 -0.01
E179THST_13_KV_LOAD 356214	31.87 1.86 0.00	31.83 1.97 0.00	31.15 1.57 0.00	31.03 1.53 0.00	31.21 1.60 0.00	31.51 1.59 0.00	32.70 2.08 0.00	31.49 2.06 0.00	30.74 1.88 0.00	27.17 1.61 0.00	25.90 1.63 0.00	25.15 1.58 0.00	24.29 1.59 0.00	22.58 1.50 0.00	22.91 1.52 0.00	24.72 1.64 0.01	29.03 1.90 0.00	34.90 2.79 0.00	38.02 2.60 -5.17	34.82 2.63 -1.97	34.52 2.60 -1.70	29.32 1.94 0.01	28.29 2.05 0.00	27.16 2.01 -0.01
EAST HAMPTON___GT 23717	33.28 3.27 0.00	32.94 3.08 0.00	32.45 2.87 0.00	32.21 2.71 0.00	32.51 2.90 0.00	33.03 3.11 0.00	33.86 3.24 0.00	33.37 3.59 -0.35	32.13 3.26 0.00	28.19 2.63 0.00	27.00 2.72 0.00	26.07 2.50 0.00	25.31 2.61 0.00	23.39 2.30 0.00	23.65 2.27 0.00	28.01 2.59 -2.34	32.14 3.15 -1.87	43.97 4.50 -7.37	49.37 4.14 -14.97	44.61 4.17 -10.21	40.47 4.20 -6.05	36.89 3.48 -6.03	33.27 3.36 -3.67	29.75 3.17 -1.44
EAST RIVER___6 23660	31.69 1.68 0.00	31.32 1.46 0.00	30.91 1.33 0.00	30.85 1.36 0.00	31.03 1.42 0.00	31.44 1.53 0.00	32.49 1.87 0.00	31.37 1.94 0.00	30.69 1.82 0.00	27.12 1.56 0.00	25.88 1.60 0.00	25.13 1.56 0.00	24.26 1.56 0.00	22.56 1.48 0.00	22.86 1.47 0.00	24.68 1.59 0.00	28.97 1.85 0.00	34.84 2.73 0.00	37.96 2.54 -5.17	34.79 2.60 -1.97	34.49 2.57 -1.70	29.30 1.92 0.00	28.18 1.94 0.00	27.00 1.86 0.00
EAST RIVER___7 23524	31.69 1.68 0.00	31.32 1.46 0.00	30.91 1.33 0.00	30.85 1.36 0.00	31.03 1.42 0.00	31.44 1.53 0.00	32.49 1.87 0.00	31.37 1.94 0.00	30.69 1.82 0.00	27.12 1.56 0.00	25.88 1.60 0.00	25.13 1.56 0.00	24.26 1.56 0.00	22.56 1.48 0.00	22.86 1.47 0.00	24.68 1.59 0.00	28.97 1.85 0.00	34.84 2.73 0.00	37.96 2.54 -5.17	34.79 2.60 -1.97	34.49 2.57 -1.70	29.30 1.92 0.00	28.18 1.94 0.00	27.00 1.86 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.66 1.65 0.00	31.56 1.70 0.00	30.97 1.39 0.00	30.88 1.39 0.00	31.00 1.39 0.00	31.42 1.50 0.00	32.52 1.90 0.00	31.31 1.88 0.00	30.54 1.67 0.00	27.02 1.46 0.00	25.73 1.46 0.00	24.96 1.39 0.00	24.10 1.41 0.00	22.39 1.31 0.00	22.71 1.33 0.00	24.52 1.43 0.00	28.81 1.68 0.00	34.58 2.47 0.00	37.76 2.36 -5.15	34.57 2.39 -1.96	34.28 2.36 -1.70	29.22 1.83 0.00	28.03 1.78 0.00	26.88 1.73 0.00
EAST_HAMPTON___DIESEL 23722	33.28 3.27 0.00	32.94 3.08 0.00	32.45 2.87 0.00	32.21 2.71 0.00	32.51 2.90 0.00	33.03 3.11 0.00	33.86 3.24 0.00	33.40 3.62 -0.35	32.13 3.26 0.00	28.19 2.63 0.00	27.00 2.72 0.00	26.07 2.50 0.00	25.31 2.61 0.00	23.41 2.32 0.00	23.65 2.27 0.00	28.01 2.59 -2.34	32.12 3.12 -1.87	43.97 4.50 -7.37	49.37 4.14 -14.97	44.61 4.17 -10.21	40.47 4.20 -6.05	36.89 3.48 -6.03	33.27 3.36 -3.67	29.75 3.17 -1.44
EAST_PULASKI___ESR 323781	29.32 -0.69 0.00	29.17 -0.69 0.00	28.78 -0.80 0.00	28.67 -0.83 0.00	28.84 -0.77 0.00	29.20 -0.72 0.00	29.98 -0.64 0.00	28.64 -0.79 0.00	28.03 -0.84 0.00	24.82 -0.74 0.00	23.57 -0.70 0.00	22.82 -0.75 0.00	21.90 -0.79 0.00	20.35 -0.74 0.00	20.66 -0.73 0.00	22.33 -0.76 0.00	26.23 -0.90 0.00	31.24 -0.87 0.00	30.02 -0.70 -0.47	29.58 -0.82 -0.18	29.62 -0.76 -0.15	26.59 -0.79 0.00	25.43 -0.81 0.00	24.31 -0.83 0.00
EAST_RIVER___1 323558	31.72 1.71 0.00	31.38 1.52 0.00	30.97 1.39 0.00	30.91 1.42 0.00	31.06 1.45 0.00	31.47 1.55 0.00	32.49 1.87 0.00	31.40 1.97 0.00	30.69 1.82 0.00	27.14 1.59 0.00	25.88 1.60 0.00	25.13 1.56 0.00	24.26 1.56 0.00	22.56 1.48 0.00	22.88 1.50 0.00	24.68 1.59 0.00	28.97 1.85 0.00	34.81 2.70 0.00	37.96 2.54 -5.17	34.79 2.60 -1.97	34.46 2.54 -1.70	29.33 1.94 0.00	28.21 1.97 0.00	27.03 1.89 0.00
EAST_RIVER___2 323559	31.69 1.68 0.00	31.32 1.46 0.00	30.91 1.33 0.00	30.85 1.36 0.00	31.03 1.42 0.00	31.44 1.53 0.00	32.49 1.87 0.00	31.37 1.94 0.00	30.69 1.82 0.00	27.12 1.56 0.00	25.88 1.60 0.00	25.13 1.56 0.00	24.26 1.56 0.00	22.56 1.48 0.00	22.86 1.47 0.00	24.68 1.59 0.00	28.97 1.85 0.00	34.84 2.73 0.00	37.96 2.54 -5.17	34.79 2.60 -1.97	34.49 2.57 -1.70	29.30 1.92 0.00	28.18 1.94 0.00	27.00 1.86 0.00
EAST___DELAWARE_HYD 23607	31.48 1.47 0.00	31.21 1.34 0.00	30.73 1.15 0.00	30.70 1.21 0.00	30.85 1.24 0.00	31.23 1.31 0.00	32.24 1.62 0.00	30.93 1.50 0.01	30.13 1.27 0.01	26.53 0.97 0.00	25.25 0.97 0.00	24.42 0.85 0.00	23.54 0.84 0.00	21.87 0.78 0.00	22.20 0.81 0.00	24.03 0.95 0.00	28.35 1.22 0.00	34.16 2.06 0.00	36.97 2.03 -4.69	34.00 1.99 -1.78	33.76 1.99 -1.55	28.86 1.48 0.00	27.68 1.44 0.00	26.47 1.33 0.00
EIGHT_POINT___WT_PWR 323820	31.18 1.17 0.00	30.73 0.87 0.00	30.47 0.89 0.00	30.29 0.80 0.00	30.44 0.83 0.00	30.82 0.90 0.00	31.41 0.77 -0.02	29.60 0.26 0.10	28.92 0.03 -0.02	25.24 -0.08 0.24	24.03 -0.14 0.10	23.57 0.00 0.01	22.46 -0.20 0.04	20.83 -0.25 0.00	21.15 -0.23 0.00	22.54 -0.51 0.04	25.99 -0.54 0.60	32.26 -0.22 -0.37	31.41 -0.03 -1.19	30.52 -0.15 -0.45	30.25 -0.21 -0.24	27.07 -0.33 -0.01	26.07 -0.18 -0.02	24.94 -0.20 0.00
ELBRIDGE_115KV_TB2 80188	29.35 -0.66 0.00	29.20 -0.66 0.00	28.81 -0.77 0.00	28.70 -0.80 0.00	28.84 -0.77 0.00	29.17 -0.75 0.00	29.93 -0.70 -0.02	28.60 -0.82 0.01	28.07 -0.87 -0.07	24.65 -0.79 0.11	23.48 -0.75 0.05	22.79 -0.78 0.00	21.89 -0.79 0.02	20.35 -0.74 0.00	20.68 -0.71 0.00	22.29 -0.78 0.02	25.96 -0.90 0.28	31.45 -0.87 -0.21	30.22 -0.70 -0.66	29.75 -0.73 -0.25	29.61 -0.76 -0.15	26.63 -0.77 -0.01	25.49 -0.76 -0.01	24.39 -0.75 0.00
ELEC_TRO_TEK 24086	32.14 2.13 0.00	32.04 2.18 0.00	31.39 1.80 0.00	31.23 1.74 0.00	31.42 1.81 0.00	31.86 1.94 0.00	32.98 2.36 0.00	32.14 2.35 -0.35	30.98 2.11 0.00	27.32 1.76 0.00	26.07 1.80 0.00	25.27 1.70 0.00	24.45 1.75 0.00	22.69 1.60 0.00	23.01 1.63 0.00	27.25 1.82 -2.34	31.12 2.12 -1.87	42.46 2.99 -7.37	44.58 2.87 -11.45	40.68 2.87 -7.59	39.14 2.87 -6.05	35.69 2.27 -6.03	32.11 2.20 -3.67	28.72 2.14 -1.44
ELLENBURG_WT_PWR 323604	30.37 0.36 0.00	30.37 0.51 0.00	30.14 0.56 0.00	30.00 0.50 0.00	30.08 0.47 0.00	30.22 0.30 0.00	30.77 0.15 0.00	29.61 0.18 0.00	29.13 0.26 0.00	25.94 0.38 0.00	24.69 0.41 0.00	24.02 0.45 0.00	23.06 0.36 0.00	21.34 0.25 0.00	21.60 0.21 0.00	23.30 0.21 0.00	27.40 0.27 0.00	31.98 -0.13 0.00	29.92 -0.33 0.00	29.77 -0.45 0.00	29.68 -0.54 0.00	27.00 -0.38 0.00	25.85 -0.39 0.00	24.77 -0.38 0.00



ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.70 -2.31 0.00	27.62 -2.24 0.00	27.01 -2.57 0.00	26.75 -2.74 0.00	26.77 -2.84 0.00	27.05 -2.87 0.00	27.48 -3.12 0.01	24.05 -3.88 1.50	22.83 -3.95 2.09	21.70 -3.48 0.38	20.97 -3.16 0.15	20.83 -2.73 0.01	19.81 -2.84 0.05	18.39 -2.70 0.00	18.89 -2.50 0.00	19.96 -3.07 0.05	22.25 -3.93 0.95	26.85 -4.50 0.77	26.99 -3.96 -0.70	26.38 -4.11 -0.27	26.04 -4.17 0.01	23.51 -3.86 0.02	22.92 -3.31 0.02	22.33 -2.82 0.00
EMPIRE_CC_1 323656	31.06 1.05 0.00	30.82 0.96 0.00	30.47 0.89 0.00	30.41 0.92 0.00	30.50 0.89 0.00	30.97 1.05 0.00	31.78 1.16 0.00	30.61 1.18 0.00	29.94 1.07 0.00	26.50 0.95 0.00	25.08 0.80 0.00	24.40 0.82 0.00	23.54 0.84 0.00	21.87 0.78 0.00	22.16 0.77 0.00	23.99 0.90 0.00	28.19 1.06 0.00	33.36 1.25 0.00	37.61 1.21 -6.15	33.74 1.18 -2.34	33.43 1.18 -2.03	28.40 1.01 0.00	27.24 1.00 0.00	26.07 0.93 0.00
EMPIRE_CC_2 323658	31.06 1.05 0.00	30.82 0.96 0.00	30.47 0.89 0.00	30.41 0.92 0.00	30.50 0.89 0.00	30.97 1.05 0.00	31.78 1.16 0.00	30.61 1.18 0.00	29.94 1.07 0.00	26.50 0.95 0.00	25.08 0.80 0.00	24.40 0.82 0.00	23.54 0.84 0.00	21.87 0.78 0.00	22.16 0.77 0.00	23.99 0.90 0.00	28.19 1.06 0.00	33.36 1.25 0.00	37.61 1.21 -6.15	33.74 1.18 -2.34	33.43 1.18 -2.03	28.40 1.01 0.00	27.24 1.00 0.00	26.07 0.93 0.00
ENORWICH_115KV_TB1 80156	33.01 3.00 0.00	32.85 2.99 0.00	32.33 2.75 0.00	32.06 2.57 0.00	32.31 2.69 0.00	32.82 2.90 0.00	33.75 3.12 -0.01	31.83 2.47 0.08	30.92 2.08 0.03	27.10 1.66 0.12	25.73 1.51 0.05	24.91 1.34 0.00	23.93 1.25 0.02	22.14 1.05 0.00	22.50 1.11 0.00	24.25 1.18 0.02	28.39 1.57 0.31	34.72 2.44 -0.17	34.48 2.54 -1.69	32.92 2.06 -0.64	32.88 2.18 -0.48	29.14 1.75 -0.01	27.93 1.68 -0.01	26.78 1.63 0.00
ERIE_ST__34_KV_TB1-2 80199	28.30 -1.71 0.00	28.22 -1.64 0.00	27.57 -2.01 0.00	27.31 -2.18 0.00	27.33 -2.28 0.00	27.62 -2.30 0.00	28.01 -2.60 0.01	24.18 -3.83 1.42	23.00 -3.90 1.97	21.74 -3.45 0.37	20.93 -3.20 0.15	21.30 -2.26 0.01	20.26 -2.38 0.05	18.81 -2.28 0.00	19.27 -2.12 0.00	20.10 -2.93 0.05	22.31 -3.91 0.92	27.03 -4.37 0.71	27.03 -3.96 -0.74	26.46 -4.05 -0.29	26.15 -4.08 -0.01	23.62 -3.75 0.02	23.36 -2.86 0.02	22.78 -2.36 0.00
ERIE_WT_PWR 323693	27.94 -2.07 0.00	27.38 -2.48 0.00	27.16 -2.43 0.00	26.96 -2.54 0.00	26.98 -2.64 0.00	27.26 -2.66 0.00	27.55 -3.06 0.01	24.12 -3.85 1.45	22.87 -3.98 2.02	21.76 -3.42 0.37	21.00 -3.13 0.15	20.97 -2.59 0.01	19.90 -2.75 0.05	18.53 -2.55 0.00	18.99 -2.39 0.00	19.87 -3.16 0.05	22.27 -3.93 0.93	26.91 -4.46 0.74	27.04 -3.93 -0.72	26.42 -4.08 -0.28	26.09 -4.14 0.00	23.56 -3.81 0.02	23.05 -3.18 0.02	22.43 -2.72 0.00
ESPRGFLD_115KV_TB1 80157	31.51 1.50 0.00	31.41 1.55 0.00	30.91 1.33 0.00	30.82 1.33 0.00	31.00 1.39 0.00	31.45 1.53 0.00	32.37 1.75 0.00	30.77 1.44 0.10	29.92 1.18 0.13	26.43 0.92 0.05	25.13 0.87 0.02	24.39 0.82 0.00	23.46 0.77 0.01	21.78 0.70 0.00	22.11 0.73 0.00	23.89 0.81 0.01	28.18 1.17 0.11	33.96 1.86 0.02	32.14 1.78 -0.10	31.83 1.57 -0.04	31.83 1.60 0.00	28.73 1.34 0.00	27.47 1.23 0.00	26.30 1.16 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.52 0.51 0.00	30.37 0.51 0.00	29.94 0.35 0.00	29.79 0.29 0.00	29.97 0.36 0.00	30.34 0.42 0.00	31.19 0.55 -0.02	29.65 0.24 0.02	29.07 0.12 -0.08	25.41 0.00 0.15	24.19 -0.02 0.06	23.54 -0.02 0.00	22.58 -0.09 0.02	20.98 -0.11 0.00	21.32 -0.06 0.00	22.95 -0.12 0.02	26.71 -0.05 0.37	32.64 0.26 -0.27	31.90 0.39 -1.25	31.00 0.30 -0.48	30.84 0.30 -0.32	27.56 0.16 -0.01	26.41 0.16 -0.01	25.24 0.10 0.00
ETNA____115KV_TB2 80207	30.52 0.51 0.00	30.37 0.51 0.00	29.94 0.35 0.00	29.79 0.29 0.00	29.97 0.36 0.00	30.34 0.42 0.00	31.19 0.55 -0.02	29.65 0.24 0.02	29.07 0.12 -0.08	25.41 0.00 0.15	24.19 -0.02 0.06	23.54 -0.02 0.00	22.58 -0.09 0.02	20.98 -0.11 0.00	21.32 -0.06 0.00	22.95 -0.12 0.02	26.71 -0.05 0.37	32.64 0.26 -0.27	31.90 0.39 -1.25	31.00 0.30 -0.48	30.84 0.30 -0.32	27.56 0.16 -0.01	26.41 0.16 -0.01	25.24 0.10 0.00
EUCLID____115KV_TB2 356179	29.08 -0.93 0.00	28.93 -0.93 0.00	28.55 -1.04 0.00	28.43 -1.06 0.00	28.57 -1.04 0.00	28.90 -1.02 0.00	29.67 -0.95 0.00	27.85 -1.06 0.52	27.13 -1.10 0.64	24.32 -1.00 0.25	23.25 -0.92 0.11	22.62 -0.94 0.01	21.71 -0.95 0.04	20.22 -0.86 0.00	20.53 -0.86 0.00	22.10 -0.95 0.04	25.44 -1.09 0.61	30.94 -1.12 0.05	29.86 -0.94 -0.55	29.43 -1.00 -0.21	29.25 -1.00 -0.02	26.40 -0.99 0.00	25.27 -0.97 0.00	24.21 -0.93 0.00
E_CANADA_CAP_HY 24051	31.63 1.62 0.00	31.41 1.55 0.00	31.03 1.45 0.00	31.06 1.56 0.00	31.15 1.54 0.00	31.62 1.70 0.00	32.49 1.87 0.00	30.97 1.62 0.08	30.04 1.27 0.10	26.47 0.95 0.04	25.13 0.87 0.02	24.42 0.85 0.00	23.51 0.82 0.01	21.80 0.72 0.00	22.14 0.75 0.00	24.01 0.92 0.01	28.45 1.41 0.09	34.25 2.15 0.01	39.78 1.97 -7.56	34.88 1.78 -2.88	34.51 1.81 -2.47	29.03 1.64 0.00	27.66 1.42 0.00	26.45 1.31 0.00
E_CANADA_MHWK_HY 24050	31.24 1.23 0.00	31.02 1.16 0.00	30.73 1.15 0.00	30.64 1.15 0.00	30.80 1.19 0.00	31.18 1.26 0.00	31.93 1.32 0.00	30.64 1.21 0.00	29.99 1.12 0.00	26.55 1.00 0.00	25.22 0.95 0.00	24.49 0.92 0.00	23.58 0.88 0.00	21.89 0.80 0.00	22.20 0.81 0.00	23.85 0.76 0.00	28.00 0.87 0.00	33.20 1.09 0.00	31.25 1.00 0.00	31.13 0.91 0.00	31.16 0.94 0.00	28.29 0.90 0.00	27.13 0.89 0.00	26.00 0.86 0.00
E_FISHKILL__LBMP 23776	31.45 1.44 0.00	31.38 1.52 0.00	30.82 1.24 0.00	30.73 1.24 0.00	30.85 1.24 0.00	31.27 1.35 0.00	32.30 1.68 0.00	31.11 1.68 0.00	30.34 1.47 0.00	26.84 1.28 0.00	25.52 1.24 0.00	24.77 1.20 0.00	23.92 1.23 0.00	22.20 1.12 0.00	22.52 1.13 0.00	24.33 1.25 0.00	28.59 1.46 0.00	34.26 2.15 0.00	37.63 2.06 -5.33	34.33 2.09 -2.03	34.03 2.06 -1.76	29.00 1.62 0.00	27.82 1.57 0.00	26.65 1.51 0.00
FALCON__SEABRD_CC1 323796	30.82 0.81 0.00	30.82 0.96 0.00	30.59 1.01 0.00	30.44 0.94 0.00	30.53 0.92 0.00	30.67 0.75 0.00	31.23 0.61 0.00	30.05 0.62 0.00	29.53 0.66 0.00	26.30 0.74 0.00	25.03 0.75 0.00	24.32 0.75 0.00	23.40 0.70 0.00	21.61 0.53 0.00	21.88 0.49 0.00	23.59 0.51 0.00	27.78 0.65 0.00	32.46 0.35 0.00	30.34 0.09 0.00	30.13 -0.09 0.00	30.07 -0.15 0.00	27.33 -0.05 0.00	26.16 -0.08 0.00	25.09 -0.05 0.00
FALCON__SEABRD_CC2 323797	30.82 0.81 0.00	30.82 0.96 0.00	30.59 1.01 0.00	30.44 0.94 0.00	30.53 0.92 0.00	30.67 0.75 0.00	31.23 0.61 0.00	30.05 0.62 0.00	29.53 0.66 0.00	26.30 0.74 0.00	25.03 0.75 0.00	24.32 0.75 0.00	23.40 0.70 0.00	21.61 0.53 0.00	21.88 0.49 0.00	23.59 0.51 0.00	27.78 0.65 0.00	32.46 0.35 0.00	30.34 0.09 0.00	30.13 -0.09 0.00	30.07 -0.15 0.00	27.33 -0.05 0.00	26.16 -0.08 0.00	25.09 -0.05 0.00



FAR ROCKAWAY___4 23548	32.53 2.52 0.00	32.46 2.60 0.00	31.77 2.19 0.00	31.62 2.12 0.00	31.83 2.22 0.00	32.28 2.36 0.00	33.40 2.79 0.00	32.55 2.77 -0.35	31.35 2.48 0.00	27.65 2.10 0.00	26.39 2.11 0.00	25.55 1.98 0.00	24.74 2.04 0.00	22.94 1.86 0.00	23.29 1.90 0.00	27.55 2.12 -2.34	31.47 2.47 -1.87	42.98 3.50 -7.37	45.02 3.33 -11.44	41.16 3.35 -7.58	39.56 3.29 -6.05	36.07 2.66 -6.03	32.45 2.55 -3.67	29.07 2.49 -1.44
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.78 1.77 0.00	31.68 1.82 0.00	31.06 1.48 0.00	30.94 1.45 0.00	31.12 1.51 0.00	31.54 1.62 0.00	32.67 2.05 0.00	31.49 2.06 0.00	30.72 1.85 0.00	27.19 1.64 0.00	25.93 1.65 0.00	25.17 1.60 0.00	24.31 1.61 0.00	22.58 1.50 0.00	22.91 1.52 0.00	24.73 1.64 0.00	29.00 1.87 0.00	34.87 2.76 0.00	38.02 2.60 -5.17	34.82 2.63 -1.97	34.52 2.60 -1.70	29.36 1.97 0.00	28.21 1.97 0.00	27.08 1.94 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.78 1.77 0.00	31.68 1.82 0.00	31.06 1.48 0.00	30.94 1.45 0.00	31.09 1.48 0.00	31.51 1.59 0.00	32.67 2.05 0.00	31.46 2.03 0.00	30.72 1.85 0.00	27.19 1.64 0.00	25.93 1.65 0.00	25.15 1.58 0.00	24.29 1.59 0.00	22.58 1.50 0.00	22.91 1.52 0.00	24.73 1.64 0.00	29.00 1.87 0.00	34.87 2.76 0.00	38.02 2.60 -5.17	34.82 2.63 -1.97	34.52 2.60 -1.70	29.36 1.97 0.00	28.21 1.97 0.00	27.08 1.94 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.72 1.71 0.00	31.65 1.79 0.00	31.03 1.45 0.00	30.91 1.42 0.00	31.06 1.45 0.00	31.51 1.59 0.00	32.64 2.02 0.00	31.43 2.00 0.00	30.69 1.82 0.00	27.17 1.61 0.00	25.90 1.63 0.00	25.13 1.56 0.00	24.26 1.57 0.00	22.56 1.48 0.00	22.88 1.50 0.00	24.70 1.62 0.00	28.97 1.84 0.00	34.84 2.73 0.00	37.96 2.54 -5.17	34.79 2.60 -1.97	34.49 2.57 -1.70	29.33 1.94 0.00	28.18 1.94 0.00	27.03 1.89 0.00
FARRAGUT___LBMP 323566	31.72 1.71 0.00	31.62 1.76 0.00	31.00 1.42 0.00	30.91 1.42 0.00	31.06 1.45 0.00	31.48 1.56 0.00	32.61 1.99 0.00	31.43 2.00 0.00	30.69 1.82 0.00	27.14 1.58 0.00	25.88 1.60 0.00	25.13 1.56 0.00	24.26 1.57 0.00	22.56 1.48 0.00	22.86 1.48 0.00	24.68 1.59 0.00	28.95 1.82 0.00	34.81 2.70 0.00	37.96 2.54 -5.17	34.76 2.57 -1.97	34.46 2.54 -1.70	29.33 1.94 0.00	28.16 1.92 0.00	27.03 1.89 0.00
FENNER___WINDPWR 24204	30.61 0.60 0.00	30.37 0.51 0.00	30.05 0.47 0.00	29.94 0.44 0.00	30.11 0.50 0.00	30.52 0.60 0.00	31.30 0.67 -0.01	29.72 0.47 0.18	29.05 0.37 0.19	25.74 0.31 0.13	24.51 0.29 0.06	23.78 0.21 0.00	22.86 0.18 0.02	21.23 0.15 0.00	21.56 0.17 0.00	23.25 0.18 0.02	27.05 0.24 0.32	32.66 0.48 -0.07	31.52 0.57 -0.70	30.94 0.45 -0.27	30.85 0.48 -0.15	27.72 0.33 0.00	26.53 0.29 0.00	25.42 0.28 0.00
FIBERTEK___ENERGY 23856	29.50 -0.51 0.00	29.35 -0.51 0.00	28.96 -0.62 0.00	28.85 -0.65 0.00	28.99 -0.62 0.00	29.32 -0.60 0.00	30.11 -0.52 -0.01	28.68 -0.65 0.10	28.11 -0.69 0.07	24.77 -0.66 0.13	23.59 -0.63 0.05	22.91 -0.66 0.00	22.00 -0.68 0.02	20.45 -0.63 0.00	20.79 -0.60 0.00	22.40 -0.67 0.02	26.06 -0.76 0.31	31.55 -0.71 -0.14	30.37 -0.51 -0.63	29.89 -0.57 -0.24	29.78 -0.57 -0.13	26.79 -0.60 0.00	25.64 -0.60 -0.01	24.51 -0.63 0.00
FITZPATRICK___ 23598	28.72 -1.29 0.00	28.49 -1.37 0.00	28.22 -1.36 0.00	28.11 -1.39 0.00	28.25 -1.36 0.00	28.57 -1.35 0.00	29.27 -1.35 0.00	27.98 -1.38 0.07	27.40 -1.39 0.09	24.27 -1.25 0.04	23.10 -1.16 0.02	22.39 -1.18 0.00	21.54 -1.16 0.01	20.03 -1.05 0.00	20.34 -1.05 0.00	21.95 -1.13 0.01	25.68 -1.36 0.09	30.63 -1.48 0.00	29.36 -1.30 -0.41	29.05 -1.33 -0.15	28.97 -1.36 -0.11	26.10 -1.29 0.00	25.01 -1.23 0.00	23.94 -1.21 0.00
FLOWRFLD_69_KV_BK1 356044	32.56 2.55 0.00	32.46 2.60 0.00	31.77 2.19 0.00	31.56 2.06 0.00	31.80 2.19 0.00	32.28 2.36 0.00	33.34 2.73 0.00	32.58 2.80 -0.35	31.35 2.48 0.00	27.58 2.02 0.00	26.39 2.11 0.00	25.53 1.96 0.00	24.76 2.07 0.00	22.94 1.86 0.00	23.27 1.88 0.00	27.59 2.17 -2.34	31.60 2.60 -1.87	43.14 3.66 -7.37	49.33 3.42 -15.66	44.36 3.42 -10.73	39.69 3.42 -6.05	36.18 2.77 -6.03	32.58 2.68 -3.67	29.15 2.56 -1.44
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.99 1.98 0.00	31.92 2.06 0.00	31.15 1.57 0.00	31.09 1.59 0.00	31.21 1.60 0.00	31.63 1.71 0.00	32.67 2.05 0.00	31.37 1.94 0.00	30.60 1.73 0.00	26.99 1.43 0.00	25.69 1.41 0.00	24.87 1.30 0.00	23.99 1.29 0.00	22.29 1.20 0.00	22.61 1.22 0.00	24.47 1.39 0.00	28.81 1.68 0.00	34.61 2.50 0.00	37.91 2.42 -5.23	34.63 2.42 -1.99	34.33 2.39 -1.73	29.28 1.89 0.00	28.05 1.81 0.00	26.88 1.73 0.00
FORT ORANGE___ 23900	30.91 0.90 0.00	30.67 0.81 0.00	30.32 0.74 0.00	30.29 0.80 0.00	30.38 0.77 0.00	30.82 0.90 0.00	31.63 1.01 0.00	30.43 1.00 0.00	29.85 0.98 0.00	26.40 0.84 0.00	24.93 0.66 0.00	24.23 0.66 0.00	23.38 0.68 0.00	21.72 0.63 0.00	22.01 0.62 0.00	23.83 0.74 0.00	28.02 0.89 0.00	33.33 1.22 0.00	37.76 1.18 -6.33	33.78 1.15 -2.41	33.46 1.15 -2.09	28.34 0.96 0.00	27.16 0.92 0.00	25.97 0.83 0.00
FORT_DRUM_COGEN 23780	30.19 0.18 0.00	29.95 0.09 0.00	29.64 0.06 0.00	29.52 0.03 0.00	29.79 0.18 0.00	30.16 0.24 0.00	30.96 0.34 0.00	29.58 0.15 0.00	28.93 0.06 0.00	25.64 0.08 0.00	24.33 0.05 0.00	23.50 -0.07 0.00	22.43 -0.27 0.00	20.83 -0.25 0.00	21.13 -0.26 0.00	22.86 -0.23 0.00	26.94 -0.19 0.00	32.14 0.03 0.00	30.69 0.12 -0.32	30.13 -0.21 -0.12	30.21 -0.12 -0.11	27.08 -0.30 0.00	25.87 -0.37 0.00	24.72 -0.43 0.00
FOX_HILLS___ESR 323835	32.00 1.98 -0.01	31.93 2.06 -0.01	31.24 1.66 0.00	31.12 1.62 0.00	31.31 1.69 -0.01	31.60 1.68 0.00	32.73 2.11 0.00	31.46 2.03 0.00	30.69 1.82 0.00	27.12 1.56 0.00	25.88 1.60 0.00	25.13 1.56 0.00	24.26 1.57 0.00	22.56 1.48 0.00	22.88 1.50 0.00	25.91 1.62 -1.20	28.97 1.84 0.00	34.84 2.73 0.00	37.99 2.57 -5.17	34.79 2.60 -1.97	34.49 2.57 -1.70	41.02 1.94 -11.69	28.32 2.07 -0.01	27.24 2.04 -0.06
FPL_FAR_ROCK_GT1 24212	32.54 2.52 -0.01	32.20 2.33 -0.01	31.74 2.16 -0.01	31.62 2.12 -0.01	31.84 2.22 -0.01	32.29 2.36 -0.01	33.22 2.60 -0.01	32.53 2.74 -0.36	31.38 2.51 -0.01	27.66 2.10 -0.01	26.39 2.11 -0.01	25.56 1.98 -0.01	24.75 2.04 -0.01	22.95 1.86 -0.01	23.30 1.90 -0.01	27.53 2.10 -2.34	31.44 2.44 -1.87	42.98 3.50 -7.37	45.02 3.33 -11.44	41.16 3.35 -7.58	39.56 3.29 -6.05	36.07 2.66 -6.03	32.51 2.60 -3.67	29.07 2.49 -1.44
FPL_FAR_ROCK_GT2 23815	32.54 2.52 -0.01	32.20 2.33 -0.01	31.74 2.16 -0.01	31.62 2.12 -0.01	31.84 2.22 -0.01	32.29 2.36 -0.01	33.22 2.60 -0.01	32.53 2.74 -0.36	31.38 2.51 -0.01	27.66 2.10 -0.01	26.39 2.11 -0.01	25.56 1.98 -0.01	24.75 2.04 -0.01	22.95 1.86 -0.01	23.30 1.90 -0.01	27.53 2.10 -2.34	31.44 2.44 -1.87	42.98 3.50 -7.37	45.02 3.33 -11.44	41.16 3.35 -7.58	39.56 3.29 -6.05	36.07 2.66 -6.03	32.51 2.60 -3.67	29.07 2.49 -1.44



FRANKLIN_FALL_HYD 24054	30.58 0.57 0.00	30.37 0.51 0.00	30.35 0.77 0.00	30.23 0.74 0.00	30.35 0.74 0.00	30.46 0.54 0.00	30.96 0.34 0.00	29.81 0.38 0.00	29.33 0.46 0.00	26.15 0.59 0.00	24.86 0.58 0.00	24.18 0.61 0.00	23.24 0.54 0.00	21.51 0.42 0.00	21.75 0.36 0.00	23.46 0.37 0.00	27.62 0.49 0.00	32.24 0.13 0.00	30.13 -0.12 0.00	29.95 -0.27 0.00	29.92 -0.30 0.00	27.19 -0.19 0.00	26.03 -0.21 0.00	24.97 -0.18 0.00
FREEPORT_EQUS_GT1 23764	32.35 2.34 0.00	32.01 2.15 0.00	31.53 1.95 0.00	31.41 1.92 0.00	31.63 2.01 0.00	32.08 2.16 0.00	33.01 2.39 0.00	32.32 2.53 -0.36	31.18 2.31 0.00	27.48 1.92 0.00	26.22 1.94 0.00	25.39 1.82 0.00	24.61 1.91 0.00	22.80 1.71 0.00	23.14 1.75 0.00	27.41 1.99 -2.34	31.33 2.33 -1.87	42.75 3.28 -7.37	44.83 3.12 -11.46	40.93 3.11 -7.60	39.35 3.08 -6.05	35.88 2.47 -6.03	32.32 2.41 -3.67	28.92 2.34 -1.44
FREEPORT___CT2 23818	32.35 2.34 0.00	32.01 2.15 0.00	31.53 1.95 0.00	31.41 1.92 0.00	31.63 2.01 0.00	32.08 2.16 0.00	33.01 2.39 0.00	32.32 2.53 -0.36	31.18 2.31 0.00	27.48 1.92 0.00	26.22 1.94 0.00	25.39 1.82 0.00	24.61 1.91 0.00	22.80 1.71 0.00	23.14 1.75 0.00	27.41 1.99 -2.34	31.33 2.33 -1.87	42.75 3.28 -7.37	44.83 3.12 -11.46	40.93 3.11 -7.60	39.35 3.08 -6.05	35.88 2.47 -6.03	32.32 2.41 -3.67	28.92 2.34 -1.44
FRESHKLS_33_KV_LOAD 356253	32.00 1.98 -0.01	31.90 2.03 -0.01	31.24 1.66 0.00	31.09 1.59 0.00	31.31 1.69 -0.01	31.57 1.65 0.00	32.70 2.08 0.00	31.40 1.97 0.00	30.60 1.73 0.00	27.04 1.48 0.00	25.78 1.51 0.00	25.03 1.46 0.00	24.17 1.48 0.00	22.50 1.41 0.00	22.82 1.43 0.00	25.80 1.55 -1.16	28.89 1.76 0.00	34.78 2.67 0.00	37.93 2.51 -5.17	34.73 2.54 -1.97	34.43 2.51 -1.70	40.94 1.86 -11.69	28.27 2.02 -0.01	27.21 2.01 -0.06
FULTON COGEN____ 23766	29.02 -0.99 0.00	28.87 -0.99 0.00	28.52 -1.06 0.00	28.37 -1.12 0.00	28.54 -1.07 0.00	28.87 -1.05 0.00	29.61 -1.01 0.00	28.44 -1.09 -0.10	27.87 -1.13 -0.12	24.58 -1.02 -0.05	23.33 -0.97 -0.02	22.58 -0.99 0.00	21.71 -1.00 -0.01	20.16 -0.93 0.00	20.47 -0.92 0.00	22.10 -0.99 -0.01	26.10 -1.14 -0.12	30.96 -1.16 -0.01	29.80 -0.97 -0.51	29.39 -1.03 -0.20	29.39 -1.03 -0.20	26.37 -1.01 0.00	25.24 -1.00 0.00	24.16 -0.98 0.00
FULTON___LFGE 323630	33.37 3.36 0.00	33.14 3.28 0.00	32.72 3.13 0.00	32.86 3.36 0.00	32.90 3.29 0.00	33.45 3.53 0.00	34.35 3.73 0.00	32.69 3.27 0.01	31.49 2.63 0.01	27.53 1.97 0.00	26.07 1.80 0.00	25.36 1.79 0.00	24.38 1.68 0.00	22.61 1.52 0.00	22.97 1.58 0.00	25.03 1.94 0.00	30.03 2.90 0.00	36.25 4.14 0.00	41.38 3.90 -7.22	36.65 3.69 -2.75	36.32 3.72 -2.38	30.70 3.31 0.00	29.13 2.89 0.00	27.83 2.69 0.00
G.F.CEMENT___DRP 24184	31.90 1.89 0.00	31.80 1.94 0.00	31.27 1.69 0.00	31.32 1.83 0.00	31.39 1.78 0.00	31.86 1.94 0.00	32.76 2.14 0.00	31.34 1.91 0.00	30.40 1.53 0.00	26.79 1.23 0.00	25.37 1.09 0.00	24.68 1.11 0.00	23.76 1.07 0.00	22.03 0.95 0.00	22.33 0.94 0.00	24.24 1.15 0.00	28.78 1.65 0.00	34.49 2.38 0.00	39.12 2.30 -6.57	34.92 2.21 -2.50	34.62 2.24 -2.16	29.28 1.89 0.00	27.95 1.71 0.00	26.68 1.53 0.00
GARDENVILLE___LBMP 24039	27.85 -2.16 0.00	27.74 -2.12 0.00	27.13 -2.46 0.00	26.87 -2.63 0.00	26.89 -2.72 0.00	27.14 -2.78 0.00	27.58 -3.03 0.01	24.10 -3.86 1.48	22.89 -3.93 2.05	21.71 -3.48 0.38	21.00 -3.13 0.15	20.92 -2.64 0.01	19.90 -2.75 0.05	18.47 -2.61 0.00	18.95 -2.44 0.00	19.99 -3.05 0.05	22.26 -3.93 0.94	26.86 -4.50 0.75	27.00 -3.96 -0.71	26.39 -4.11 -0.27	26.05 -4.17 0.00	23.53 -3.83 0.02	23.00 -3.23 0.02	22.40 -2.74 0.00
GARDNVLA_35_KV_LD 355827	27.94 -2.07 0.00	27.86 -2.00 0.00	27.21 -2.37 0.00	26.96 -2.54 0.00	27.00 -2.61 0.00	27.26 -2.66 0.00	27.67 -2.94 0.01	24.19 -3.80 1.44	23.00 -3.87 2.00	21.76 -3.42 0.37	21.02 -3.11 0.15	20.99 -2.57 0.01	19.97 -2.68 0.05	18.53 -2.55 0.00	19.01 -2.37 0.00	20.03 -3.00 0.05	22.33 -3.88 0.92	26.95 -4.43 0.73	27.05 -3.93 -0.73	26.45 -4.05 -0.28	26.12 -4.11 -0.01	23.56 -3.81 0.02	23.08 -3.15 0.02	22.48 -2.67 0.00
GELCKHM___115KV_LOAD 80723	29.23 -0.78 0.00	29.08 -0.78 0.00	28.69 -0.89 0.00	28.58 -0.91 0.00	28.72 -0.89 0.00	29.05 -0.87 0.00	29.83 -0.80 -0.01	28.08 -0.91 0.43	27.38 -0.95 0.54	24.48 -0.87 0.21	23.36 -0.83 0.09	22.72 -0.85 0.00	21.80 -0.86 0.03	20.31 -0.78 0.00	20.62 -0.77 0.00	22.22 -0.83 0.03	25.65 -0.98 0.51	31.10 -0.96 0.04	30.04 -0.79 -0.58	29.60 -0.85 -0.22	29.44 -0.85 -0.06	26.54 -0.85 0.00	25.40 -0.84 0.00	24.31 -0.83 0.00
GENERAL___MILLS 23808	27.91 -2.10 0.00	27.83 -2.03 0.00	27.18 -2.40 0.00	26.93 -2.57 0.00	26.98 -2.64 0.00	27.23 -2.69 0.00	27.64 -2.97 0.01	24.15 -3.83 1.45	22.95 -3.90 2.02	21.74 -3.45 0.37	21.00 -3.13 0.15	20.97 -2.59 0.01	19.94 -2.70 0.05	18.51 -2.57 0.00	18.99 -2.40 0.00	20.01 -3.02 0.05	22.29 -3.91 0.93	26.91 -4.46 0.74	27.01 -3.96 -0.72	26.42 -4.08 -0.28	26.09 -4.14 0.00	23.53 -3.83 0.02	23.05 -3.18 0.02	22.45 -2.69 0.00
GE_PLASTICS___DRP 24183	30.79 0.78 0.00	30.70 0.84 0.00	30.23 0.65 0.00	30.17 0.68 0.00	30.26 0.65 0.00	30.70 0.78 0.00	31.57 0.95 0.00	30.34 0.91 0.00	29.71 0.84 0.00	26.30 0.74 0.00	24.88 0.61 0.00	24.18 0.61 0.00	23.33 0.64 0.00	21.68 0.59 0.00	21.97 0.58 0.00	23.76 0.67 0.00	27.92 0.79 0.00	33.20 1.09 0.00	37.64 1.06 -6.33	33.66 1.03 -2.41	33.34 1.03 -2.09	28.24 0.85 0.00	27.08 0.84 0.00	25.90 0.75 0.00
GILBOA___1 23756	30.88 0.87 0.00	30.61 0.75 0.00	30.26 0.68 0.00	30.20 0.71 0.00	30.32 0.71 0.00	30.73 0.81 0.00	31.54 0.92 0.00	30.27 0.91 0.08	29.58 0.81 0.10	26.21 0.69 0.04	24.92 0.66 0.01	24.21 0.64 0.00	23.33 0.63 0.01	21.68 0.59 0.00	21.99 0.60 0.00	23.73 0.65 0.01	27.83 0.79 0.09	33.29 1.19 0.01	36.44 1.15 -5.04	33.28 1.15 -1.91	32.98 1.12 -1.64	28.26 0.88 0.00	27.11 0.86 0.00	25.95 0.80 0.00
GILBOA___2 23757	30.88 0.87 0.00	30.61 0.75 0.00	30.26 0.68 0.00	30.20 0.71 0.00	30.32 0.71 0.00	30.73 0.81 0.00	31.54 0.92 0.00	30.27 0.91 0.08	29.58 0.81 0.10	26.21 0.69 0.04	24.92 0.66 0.01	24.21 0.64 0.00	23.33 0.63 0.01	21.68 0.59 0.00	21.99 0.60 0.00	23.73 0.65 0.01	27.83 0.79 0.09	33.29 1.19 0.01	36.44 1.15 -5.04	33.28 1.15 -1.91	32.98 1.12 -1.64	28.26 0.88 0.00	27.11 0.86 0.00	25.95 0.80 0.00
GILBOA___3 23758	30.88 0.87 0.00	30.61 0.75 0.00	30.26 0.68 0.00	30.20 0.71 0.00	30.32 0.71 0.00	30.73 0.81 0.00	31.54 0.92 0.00	30.27 0.91 0.08	29.58 0.81 0.10	26.21 0.69 0.04	24.92 0.66 0.01	24.21 0.64 0.00	23.33 0.63 0.01	21.68 0.59 0.00	21.99 0.60 0.00	23.73 0.65 0.01	27.83 0.79 0.09	33.29 1.19 0.01	36.44 1.15 -5.04	33.28 1.15 -1.91	32.98 1.12 -1.64	28.26 0.88 0.00	27.11 0.86 0.00	25.95 0.80 0.00



GILBOA___4 23759	30.88 0.87 0.00	30.61 0.75 0.00	30.26 0.68 0.00	30.20 0.71 0.00	30.32 0.71 0.00	30.73 0.81 0.00	31.54 0.92 0.00	30.27 0.91 0.08	29.58 0.81 0.10	26.21 0.69 0.04	24.92 0.66 0.01	24.21 0.64 0.00	23.33 0.63 0.01	21.68 0.59 0.00	21.99 0.60 0.00	23.73 0.65 0.01	27.83 0.79 0.09	33.29 1.19 0.01	36.44 1.15 -5.04	33.28 1.15 -1.91	32.98 1.12 -1.64	28.26 0.88 0.00	27.11 0.86 0.00	25.95 0.80 0.00
GILBOA____ 23599	30.88 0.87 0.00	30.76 0.90 0.00	30.29 0.71 0.00	30.20 0.71 0.00	30.32 0.71 0.00	30.73 0.81 0.00	31.60 0.98 0.00	30.29 0.94 0.08	29.58 0.81 0.10	26.21 0.69 0.04	24.89 0.63 0.01	24.21 0.64 0.00	23.33 0.64 0.01	21.68 0.59 0.00	21.99 0.60 0.00	23.75 0.67 0.01	27.83 0.79 0.09	33.29 1.19 0.01	36.44 1.15 -5.04	33.28 1.15 -1.91	32.98 1.12 -1.64	28.26 0.88 0.00	27.11 0.87 0.00	25.95 0.80 0.00
GINNA____ 23603	27.28 -2.73 0.00	26.96 -2.90 0.00	26.68 -2.90 0.00	26.55 -2.95 0.00	26.71 -2.90 0.00	27.02 -2.90 0.00	27.59 -3.00 0.03	24.52 -3.12 1.80	23.18 -3.12 2.57	22.41 -2.79 0.36	21.57 -2.55 0.16	20.92 -2.64 0.01	20.03 -2.61 0.06	18.62 -2.47 0.00	18.97 -2.42 0.00	20.52 -2.52 0.06	23.15 -3.09 0.88	27.52 -3.47 1.12	27.97 -3.00 -0.71	27.44 -3.05 -0.27	27.12 -3.11 -0.01	24.42 -2.93 0.04	23.34 -2.86 0.04	22.40 -2.74 0.00
GLEN PARK____ 23778	30.34 0.33 0.00	30.07 0.21 0.00	29.76 0.18 0.00	29.64 0.15 0.00	29.94 0.33 0.00	30.31 0.39 0.00	31.11 0.49 0.00	29.70 0.26 0.00	29.01 0.15 0.00	25.71 0.15 0.00	24.42 0.15 0.00	23.57 0.00 0.00	22.49 -0.20 0.00	20.90 -0.19 0.00	21.22 -0.17 0.00	22.95 -0.14 0.00	27.05 -0.08 0.00	32.30 0.19 0.00	30.89 0.30 -0.33	30.29 -0.06 -0.13	30.39 0.06 -0.11	27.22 -0.16 0.00	25.98 -0.26 0.00	24.82 -0.33 0.00
GLENDALE_27_KV_LOAD 356172	31.99 1.98 0.00	31.92 2.06 0.00	31.24 1.66 0.00	31.12 1.62 0.00	31.33 1.72 0.00	31.66 1.74 0.00	32.82 2.20 0.00	31.61 2.18 0.00	30.86 1.99 0.00	27.30 1.74 0.00	26.03 1.75 0.00	25.27 1.70 0.00	24.40 1.70 0.00	22.69 1.60 0.00	23.01 1.63 0.00	25.01 1.75 -0.17	29.14 2.01 0.00	35.03 2.92 0.00	38.17 2.75 -5.17	34.97 2.78 -1.97	34.68 2.75 -1.70	31.15 2.08 -1.68	28.39 2.15 0.00	27.26 2.11 -0.01
GLENWOOD_IC_1_G5 23712	32.29 2.28 0.00	32.19 2.33 0.00	31.53 1.95 0.00	31.38 1.89 0.00	31.59 1.98 0.00	32.04 2.12 0.00	33.16 2.54 0.00	32.32 2.53 -0.35	31.12 2.25 0.00	27.45 1.89 0.00	26.20 1.92 0.00	25.36 1.79 0.00	24.56 1.86 0.00	22.77 1.73 0.00	23.12 1.94 -2.34	27.36 2.25 -1.87	31.25 2.25 -7.37	42.46 2.99 -11.46	44.56 2.84 -7.60	40.69 2.87 -6.05	39.32 3.05 -6.03	35.85 2.44 -6.03	32.27 2.36 -3.67	28.87 2.29 -1.44
GLENWOOD_IC_2_G1 23688	32.17 2.16 0.00	31.83 1.97 0.00	31.39 1.80 0.00	31.26 1.77 0.00	31.45 1.84 0.00	31.89 1.97 0.00	32.85 2.23 0.00	32.14 2.36 -0.35	31.01 2.14 0.00	27.35 1.79 0.00	26.10 1.82 0.00	25.27 1.70 0.00	24.47 1.77 0.00	22.69 1.60 0.00	23.04 1.65 0.00	27.25 1.82 -2.34	31.14 2.14 -1.87	42.46 2.99 -7.37	44.57 2.88 -11.44	40.68 2.87 -7.58	39.17 2.90 -6.05	35.72 2.30 -6.03	32.19 2.28 -3.67	28.74 2.16 -1.44
GLENWOOD_IC_3_G1 23689	32.17 2.16 0.00	31.83 1.97 0.00	31.39 1.80 0.00	31.26 1.77 0.00	31.45 1.84 0.00	31.89 1.97 0.00	32.85 2.23 0.00	32.14 2.36 -0.35	31.01 2.14 0.00	27.35 1.79 0.00	26.10 1.82 0.00	25.27 1.70 0.00	24.47 1.77 0.00	22.69 1.60 0.00	23.04 1.65 0.00	27.25 1.82 -2.34	31.14 2.14 -1.87	42.46 2.99 -7.37	44.57 2.88 -11.44	40.68 2.87 -7.58	39.17 2.90 -6.05	35.72 2.30 -6.03	32.19 2.28 -3.67	28.74 2.16 -1.44
GLENWOOD___4 23550	32.29 2.28 0.00	32.19 2.33 0.00	31.53 1.95 0.00	31.38 1.89 0.00	31.59 1.98 0.00	32.04 2.12 0.00	33.16 2.54 0.00	32.32 2.53 -0.35	31.12 2.25 0.00	27.45 1.89 0.00	26.20 1.92 0.00	25.36 1.79 0.00	24.56 1.86 0.00	22.77 1.69 0.00	23.12 1.73 0.00	27.36 1.94 -2.34	31.25 2.25 -1.87	42.53 3.05 -7.37	44.62 2.90 -11.46	40.75 2.93 -7.60	39.32 3.05 -6.05	35.85 2.44 -6.03	32.27 2.36 -3.67	28.87 2.29 -1.44
GLENWOOD___5 23614	32.29 2.28 0.00	32.19 2.33 0.00	31.53 1.95 0.00	31.38 1.89 0.00	31.59 1.98 0.00	32.04 2.12 0.00	33.16 2.54 0.00	32.32 2.53 -0.35	31.12 2.25 0.00	27.45 1.89 0.00	26.20 1.92 0.00	25.36 1.79 0.00	24.56 1.86 0.00	22.77 1.69 0.00	23.12 1.73 0.00	27.36 1.94 -2.34	31.25 2.25 -1.87	42.53 3.05 -7.37	44.62 2.90 -11.46	40.75 2.93 -7.60	39.32 3.05 -6.05	35.85 2.44 -6.03	32.27 2.36 -3.67	28.87 2.29 -1.44
GLOBAL GREEN_PORT_GT1 23814	33.28 3.27 0.00	32.94 3.08 0.00	32.45 2.87 0.00	32.21 2.71 0.00	32.51 2.90 0.00	33.03 3.11 0.00	33.86 3.24 0.00	33.35 3.56 -0.35	32.10 3.23 0.00	28.17 2.61 0.00	26.97 2.69 0.00	26.05 2.47 0.00	25.28 2.59 0.00	23.36 2.28 0.00	23.65 2.27 0.00	28.01 2.59 -2.34	32.14 3.15 -1.87	43.97 4.50 -7.37	49.37 4.14 -14.97	44.61 4.17 -10.21	40.47 4.20 -6.05	36.89 3.48 -6.03	33.27 3.36 -3.67	29.75 3.17 -1.44
GLOBE___DSASP 323697	26.62 -3.39 0.00	26.55 -3.31 0.00	25.94 -3.64 0.00	25.72 -3.78 0.00	25.82 -3.79 0.00	26.09 -3.83 0.00	26.47 -4.13 0.01	23.16 -4.71 1.56	21.94 -4.73 2.20	21.06 -4.11 0.39	20.41 -3.71 0.15	20.03 -3.54 0.01	19.06 -3.59 0.06	17.71 -3.37 0.00	18.20 -3.19 0.00	19.38 -3.65 0.06	21.60 -4.56 0.97	26.00 -5.30 0.82	26.29 -4.63 -0.66	25.70 -4.78 -0.26	25.33 -4.87 0.03	22.87 -4.49 0.02	22.13 -4.09 0.02	21.60 -3.55 0.00
GOETHSLN___LBMP 323567	31.60 1.59 0.00	31.50 1.64 0.00	30.88 1.30 0.00	30.79 1.30 0.00	30.94 1.33 0.00	31.36 1.44 0.00	32.52 1.90 0.00	31.34 1.91 0.00	30.60 1.73 0.00	27.07 1.51 0.00	25.81 1.53 0.00	25.06 1.48 0.00	24.20 1.50 0.00	22.50 1.41 0.00	22.82 1.43 0.00	24.61 1.52 0.00	28.89 1.76 0.00	34.74 2.63 0.00	37.90 2.48 -5.17	34.70 2.51 -1.97	34.40 2.48 -1.70	29.25 1.86 0.00	28.10 1.86 0.00	26.95 1.81 0.00
GOLAH___69_KV_TB 1_2 80279	28.30 -1.71 0.00	28.19 -1.67 0.00	27.63 -1.95 0.00	27.46 -2.04 0.00	27.57 -2.04 0.00	27.86 -2.06 0.00	28.46 -2.14 0.02	25.49 -2.44 1.49	24.35 -2.42 2.09	23.02 -2.17 0.36	22.20 -1.92 0.16	21.61 -1.96 0.01	20.60 -2.04 0.06	19.13 -1.96 0.00	19.55 -1.84 0.00	21.00 -2.03 0.06	23.71 -2.52 0.90	28.54 -2.76 0.81	28.67 -2.30 -0.72	28.14 -2.36 -0.27	27.81 -2.42 -0.01	25.06 -2.30 0.03	24.04 -2.18 0.03	23.18 -1.96 0.00
GOODYEAR_LAKE_HYD 323669	31.42 1.41 0.00	31.29 1.43 0.00	30.79 1.21 0.00	30.67 1.18 0.00	30.85 1.24 0.00	31.27 1.35 0.00	32.19 1.56 -0.01	30.61 1.32 0.15	29.81 1.13 0.19	26.44 0.95 0.07	25.15 0.90 0.03	24.42 0.85 0.00	23.50 0.82 0.01	21.82 0.74 0.00	22.16 0.77 0.00	23.89 0.81 0.01	28.03 1.06 0.16	33.73 1.64 0.02	33.55 1.63 -1.67	32.31 1.45 -0.63	32.24 1.51 -0.51	28.59 1.20 0.00	27.37 1.13 0.00	26.22 1.08 0.00



GOUDEY___7	30.16	30.01	29.55	29.41	29.52	29.89	30.69	28.98	28.31	25.01	23.86	23.31	22.38	20.79	21.13	22.65	26.27	31.90	31.84	30.67	30.50	27.09	26.04	24.99
345031	0.15	0.15	-0.03	-0.09	-0.09	-0.03	0.06	-0.29	-0.40	-0.41	-0.36	-0.26	-0.30	-0.30	-0.26	-0.42	-0.52	-0.32	-0.15	-0.21	-0.21	-0.30	-0.21	-0.15
	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.16	0.15	0.14	0.06	0.00	0.02	0.00	0.00	0.02	0.34	-0.11	-1.74	-0.66	-0.49	0.00	-0.01	0.00
GOUDEY___8	30.19	30.04	29.58	29.44	29.55	29.92	30.72	29.01	28.34	25.04	23.86	23.33	22.40	20.81	21.15	22.67	26.30	31.93	31.87	30.70	30.53	27.09	26.06	25.02
23579	0.18	0.18	0.00	-0.06	-0.06	0.00	0.09	-0.26	-0.38	-0.38	-0.36	-0.24	-0.27	-0.27	-0.24	-0.39	-0.49	-0.29	-0.12	-0.18	-0.18	-0.30	-0.18	-0.13
	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.16	0.15	0.14	0.06	0.00	0.02	0.00	0.00	0.02	0.34	-0.11	-1.74	-0.66	-0.49	0.00	-0.01	0.00
GOUDEY___8	30.16	30.01	29.55	29.41	29.52	29.89	30.69	28.98	28.31	25.01	23.86	23.31	22.38	20.79	21.13	22.65	26.27	31.90	31.84	30.67	30.50	27.09	26.04	24.99
23580	0.15	0.15	-0.03	-0.09	-0.09	-0.03	0.06	-0.29	-0.40	-0.41	-0.36	-0.26	-0.30	-0.30	-0.26	-0.42	-0.52	-0.32	-0.15	-0.21	-0.21	-0.30	-0.21	-0.15
	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.16	0.15	0.14	0.06	0.00	0.02	0.00	0.00	0.02	0.34	-0.11	-1.74	-0.66	-0.49	0.00	-0.01	0.00
GOWANUS_GT1_1	32.03	31.96	31.30	31.18	31.37	31.69	32.82	31.58	30.83	27.25	25.98	25.24	24.38	22.67	22.99	25.99	29.11	35.00	38.11	34.91	34.62	41.13	28.40	27.31
24077	2.01	2.09	1.72	1.68	1.75	1.77	2.20	2.15	1.96	1.69	1.70	1.67	1.68	1.58	1.60	1.71	1.98	2.89	2.69	2.72	2.69	2.05	2.15	2.11
	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	0.00	0.00	-5.17	-1.97	-1.70	-11.69	-0.01	-0.06
GOWANUS_GT1_2	32.03	31.96	31.30	31.18	31.37	31.69	32.82	31.58	30.83	27.25	25.98	25.24	24.38	22.67	22.99	25.99	29.11	35.00	38.11	34.91	34.62	41.13	28.40	27.31
24078	2.01	2.09	1.72	1.68	1.75	1.77	2.20	2.15	1.96	1.69	1.70	1.67	1.68	1.58	1.60	1.71	1.98	2.89	2.69	2.72	2.69	2.05	2.15	2.11
	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	0.00	0.00	-5.17	-1.97	-1.70	-11.69	-0.01	-0.06
GOWANUS_GT1_3	32.03	31.96	31.30	31.18	31.37	31.69	32.82	31.58	30.83	27.25	25.98	25.24	24.38	22.67	22.99	25.99	29.11	35.00	38.11	34.91	34.62	41.13	28.40	27.31
24079	2.01	2.09	1.72	1.68	1.75	1.77	2.20	2.15	1.96	1.69	1.70	1.67	1.68	1.58	1.60	1.71	1.98	2.89	2.69	2.72	2.69	2.05	2.15	2.11
	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	0.00	0.00	-5.17	-1.97	-1.70	-11.69	-0.01	-0.06
GOWANUS_GT1_4	32.03	31.96	31.30	31.18	31.37	31.69	32.82	31.58	30.83	27.25	25.98	25.24	24.38	22.67	22.99	25.99	29.11	35.00	38.11	34.91	34.62	41.13	28.40	27.31
24080	2.01	2.09	1.72	1.68	1.75	1.77	2.20	2.15	1.96	1.69	1.70	1.67	1.68	1.58	1.60	1.71	1.98	2.89	2.69	2.72	2.69	2.05	2.15	2.11
	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	0.00	0.00	-5.17	-1.97	-1.70	-11.69	-0.01	-0.06
GOWANUS_GT1_5	32.03	31.96	31.30	31.18	31.37	31.69	32.82	31.58	30.83	27.25	25.98	25.24	24.38	22.67	22.99	25.99	29.11	35.00	38.11	34.91	34.62	41.13	28.40	27.31
24084	2.01	2.09	1.72	1.68	1.75	1.77	2.20	2.15	1.96	1.69	1.70	1.67	1.68	1.58	1.60	1.71	1.98	2.89	2.69	2.72	2.69	2.05	2.15	2.11
	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	0.00	0.00	-5.17	-1.97	-1.70	-11.69	-0.01	-0.06
GOWANUS_GT1_6	32.03	31.96	31.30	31.18	31.37	31.69	32.82	31.58	30.83	27.25	25.98	25.24	24.38	22.67	22.99	25.99	29.11	35.00	38.11	34.91	34.62	41.13	28.40	27.31
24111	2.01	2.09	1.72	1.68	1.75	1.77	2.20	2.15	1.96	1.69	1.70	1.67	1.68	1.58	1.60	1.71	1.98	2.89	2.69	2.72	2.69	2.05	2.15	2.11
	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	0.00	0.00	-5.17	-1.97	-1.70	-11.69	-0.01	-0.06
GOWANUS_GT1_7	32.03	31.96	31.30	31.18	31.37	31.69	32.82	31.58	30.83	27.25	25.98	25.24	24.38	22.67	22.99	25.99	29.11	35.00	38.11	34.91	34.62	41.13	28.40	27.31
24112	2.01	2.09	1.72	1.68	1.75	1.77	2.20	2.15	1.96	1.69	1.70	1.67	1.68	1.58	1.60	1.71	1.98	2.89	2.69	2.72	2.69	2.05	2.15	2.11
	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	0.00	0.00	-5.17	-1.97	-1.70	-11.69	-0.01	-0.06
GOWANUS_GT1_8	32.03	31.96	31.30	31.18	31.37	31.69	32.82	31.58	30.83	27.25	25.98	25.24	24.38	22.67	22.99	25.99	29.11	35.00	38.11	34.91	34.62	41.13	28.40	27.31
24113	2.01	2.09	1.72	1.68	1.75	1.77	2.20	2.15	1.96	1.69	1.70	1.67	1.68	1.58	1.60	1.71	1.98	2.89	2.69	2.72	2.69	2.05	2.15	2.11
	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	0.00	0.00	-5.17	-1.97	-1.70	-11.69	-0.01	-0.06
GOWANUS_GT2_1	32.03	31.69	31.27	31.17	31.37	31.68	32.73	31.55	30.83	27.25	25.98	25.24	24.38	22.67	22.99	25.99	29.11	35.00	38.11	34.91	34.61	41.13	28.45	27.31
24114	2.01	1.82	1.69	1.68	1.75	1.76	2.11	2.12	1.96	1.69	1.70	1.67	1.68	1.58	1.60	1.71	1.98	2.89	2.69	2.72	2.69	2.05	2.20	2.11
	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	0.00	0.00	-5.17	-1.97	-1.70	-11.69	-0.01	-0.06
GOWANUS_GT2_2	32.03	31.69	31.27	31.17	31.37	31.68	32.73	31.55	30.83	27.25	25.98	25.24	24.38	22.67	22.99	25.99	29.11	35.00	38.11	34.91	34.61	41.13	28.45	27.31
24115	2.01	1.82	1.69	1.68	1.75	1.76	2.11	2.12	1.96	1.69	1.70	1.67	1.68	1.58	1.60	1.71	1.98	2.89	2.69	2.72	2.69	2.05	2.20	2.11
	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	0.00	0.00	-5.17	-1.97	-1.70	-11.69	-0.01	-0.06
GOWANUS_GT2_3	32.03	31.69	31.27	31.17	31.37	31.68	32.73	31.55	30.83	27.25	25.98	25.24	24.38	22.67	22.99	25.99	29.11	35.00	38.11	34.91	34.61	41.13	28.45	27.31
24116	2.01	1.82	1.69	1.68	1.75	1.76	2.11	2.12	1.96	1.69	1.70	1.67	1.68	1.58	1.60	1.71	1.98	2.89	2.69	2.72	2.69	2.05	2.20	2.11
	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	0.00	0.00	-5.17	-1.97	-1.70	-11.69	-0.01	-0.06
GOWANUS_GT2_4	32.03	31.69	31.27	31.17	31.37	31.68	32.73	31.55	30.83	27.25	25.98	25.24	24.38	22.67	22.99	25.99	29.11	35.00	38.11	34.91	34.61	41.13	28.45	27.31
24117	2.01	1.82	1.69	1.68	1.75	1.76	2.11	2.12	1.96	1.69	1.70	1.67	1.68	1.58	1.60	1.71	1.98	2.89	2.69	2.72	2.69	2.05	2.20	2.11
	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	0.00	0.00	-5.17	-1.97	-1.70	-11.69	-0.01	-0.06



GOWANUS_GT2_5 24118	32.03 2.01 -0.01	31.69 1.82 -0.01	31.27 1.69 0.00	31.17 1.68 0.00	31.37 1.75 -0.01	31.68 1.76 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.61 2.69 -1.70	41.13 2.05 -11.69	28.45 2.20 -0.01	27.31 2.11 -0.06
GOWANUS_GT2_6 24119	32.03 2.01 -0.01	31.69 1.82 -0.01	31.27 1.69 0.00	31.17 1.68 0.00	31.37 1.75 -0.01	31.68 1.76 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.61 2.69 -1.70	41.13 2.05 -11.69	28.45 2.20 -0.01	27.31 2.11 -0.06
GOWANUS_GT2_7 24120	32.03 2.01 -0.01	31.69 1.82 -0.01	31.27 1.69 0.00	31.17 1.68 0.00	31.37 1.75 -0.01	31.68 1.76 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.61 2.69 -1.70	41.13 2.05 -11.69	28.45 2.20 -0.01	27.31 2.11 -0.06
GOWANUS_GT2_8 24121	32.03 2.01 -0.01	31.69 1.82 -0.01	31.27 1.69 0.00	31.17 1.68 0.00	31.37 1.75 -0.01	31.68 1.76 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.61 2.69 -1.70	41.13 2.05 -11.69	28.45 2.20 -0.01	27.31 2.11 -0.06
GOWANUS_GT3_1 24122	32.03 2.01 -0.01	31.69 1.82 -0.01	31.27 1.69 0.00	31.17 1.68 0.00	31.37 1.75 -0.01	31.68 1.76 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.61 2.69 -1.70	41.13 2.05 -11.69	28.45 2.20 -0.01	27.31 2.11 -0.06
GOWANUS_GT3_2 24123	32.03 2.01 -0.01	31.69 1.82 -0.01	31.27 1.69 0.00	31.17 1.68 0.00	31.37 1.75 -0.01	31.68 1.76 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.61 2.69 -1.70	41.13 2.05 -11.69	28.45 2.20 -0.01	27.31 2.11 -0.06
GOWANUS_GT3_3 24124	32.03 2.01 -0.01	31.69 1.82 -0.01	31.27 1.69 0.00	31.17 1.68 0.00	31.37 1.75 -0.01	31.68 1.76 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.61 2.69 -1.70	41.13 2.05 -11.69	28.45 2.20 -0.01	27.31 2.11 -0.06
GOWANUS_GT3_4 24125	32.03 2.01 -0.01	31.69 1.82 -0.01	31.27 1.69 0.00	31.17 1.68 0.00	31.37 1.75 -0.01	31.68 1.76 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.61 2.69 -1.70	41.13 2.05 -11.69	28.45 2.20 -0.01	27.31 2.11 -0.06
GOWANUS_GT3_5 24126	32.03 2.01 -0.01	31.69 1.82 -0.01	31.27 1.69 0.00	31.17 1.68 0.00	31.37 1.75 -0.01	31.68 1.76 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.61 2.69 -1.70	41.13 2.05 -11.69	28.45 2.20 -0.01	27.31 2.11 -0.06
GOWANUS_GT3_6 24127	32.03 2.01 -0.01	31.69 1.82 -0.01	31.27 1.69 0.00	31.17 1.68 0.00	31.37 1.75 -0.01	31.68 1.76 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.61 2.69 -1.70	41.13 2.05 -11.69	28.45 2.20 -0.01	27.31 2.11 -0.06
GOWANUS_GT3_7 24128	32.03 2.01 -0.01	31.69 1.82 -0.01	31.27 1.69 0.00	31.17 1.68 0.00	31.37 1.75 -0.01	31.68 1.76 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.61 2.69 -1.70	41.13 2.05 -11.69	28.45 2.20 -0.01	27.31 2.11 -0.06
GOWANUS_GT3_8 24129	32.03 2.01 -0.01	31.69 1.82 -0.01	31.27 1.69 0.00	31.17 1.68 0.00	31.37 1.75 -0.01	31.68 1.76 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.61 2.69 -1.70	41.13 2.05 -11.69	28.45 2.20 -0.01	27.31 2.11 -0.06
GOWANUS_GT4_1 24130	32.03 2.01 -0.01	31.96 2.09 -0.01	31.30 1.72 0.00	31.18 1.68 0.00	31.37 1.75 -0.01	31.69 1.77 0.00	32.82 2.20 0.00	31.58 2.15 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.62 2.69 -1.70	41.13 2.05 -11.69	28.40 2.15 -0.01	27.31 2.11 -0.06
GOWANUS_GT4_2 24131	32.03 2.01 -0.01	31.96 2.09 -0.01	31.30 1.72 0.00	31.18 1.68 0.00	31.37 1.75 -0.01	31.69 1.77 0.00	32.82 2.20 0.00	31.58 2.15 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.62 2.69 -1.70	41.13 2.05 -11.69	28.40 2.15 -0.01	27.31 2.11 -0.06
GOWANUS_GT4_3 24132	32.03 2.01 -0.01	31.96 2.09 -0.01	31.30 1.72 0.00	31.18 1.68 0.00	31.37 1.75 -0.01	31.69 1.77 0.00	32.82 2.20 0.00	31.58 2.15 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.62 2.69 -1.70	41.13 2.05 -11.69	28.40 2.15 -0.01	27.31 2.11 -0.06



GOWANUS_GT4_4 24133	32.03 2.01 -0.01	31.96 2.09 -0.01	31.30 1.72 0.00	31.18 1.68 0.00	31.37 1.75 -0.01	31.69 1.77 0.00	32.82 2.20 0.00	31.58 2.15 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.62 2.69 -1.70	41.13 2.05 -11.69	28.40 2.15 -0.01	27.31 2.11 -0.06
GOWANUS_GT4_5 24134	32.03 2.01 -0.01	31.96 2.09 -0.01	31.30 1.72 0.00	31.18 1.68 0.00	31.37 1.75 -0.01	31.69 1.77 0.00	32.82 2.20 0.00	31.58 2.15 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.62 2.69 -1.70	41.13 2.05 -11.69	28.40 2.15 -0.01	27.31 2.11 -0.06
GOWANUS_GT4_6 24135	32.03 2.01 -0.01	31.96 2.09 -0.01	31.30 1.72 0.00	31.18 1.68 0.00	31.37 1.75 -0.01	31.69 1.77 0.00	32.82 2.20 0.00	31.58 2.15 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.62 2.69 -1.70	41.13 2.05 -11.69	28.40 2.15 -0.01	27.31 2.11 -0.06
GOWANUS_GT4_7 24136	32.03 2.01 -0.01	31.96 2.09 -0.01	31.30 1.72 0.00	31.18 1.68 0.00	31.37 1.75 -0.01	31.69 1.77 0.00	32.82 2.20 0.00	31.58 2.15 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.62 2.69 -1.70	41.13 2.05 -11.69	28.40 2.15 -0.01	27.31 2.11 -0.06
GOWANUS_GT4_8 24137	32.03 2.01 -0.01	31.96 2.09 -0.01	31.30 1.72 0.00	31.18 1.68 0.00	31.37 1.75 -0.01	31.69 1.77 0.00	32.82 2.20 0.00	31.58 2.15 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.62 2.69 -1.70	41.13 2.05 -11.69	28.40 2.15 -0.01	27.31 2.11 -0.06
GREENBSH_115KV_TB3 55895	30.70 0.69 0.00	30.61 0.75 0.00	30.14 0.56 0.00	30.08 0.59 0.00	30.17 0.56 0.00	30.61 0.69 0.00	31.48 0.86 0.00	30.31 0.88 0.00	29.68 0.81 0.00	26.33 0.77 0.00	24.84 0.56 0.00	24.16 0.59 0.00	23.31 0.61 0.00	21.66 0.57 0.00	21.94 0.56 0.00	23.76 0.67 0.00	27.89 0.76 0.00	33.14 1.03 0.00	37.58 0.97 -6.36	33.61 0.97 -2.42	33.29 0.97 -2.10	28.18 0.79 0.00	27.05 0.81 0.00	25.82 0.68 0.00
GREENDGE_115KV_TB5 80291	30.28 0.27 0.00	30.13 0.27 0.00	29.67 0.09 0.00	29.47 -0.03 0.00	29.64 0.03 0.00	30.01 0.09 0.00	30.67 -0.03 -0.08	30.65 -0.26 -1.48	30.90 -0.46 -2.49	24.85 -0.49 0.22	23.72 -0.46 0.10	23.14 -0.42 0.01	22.12 -0.54 0.03	20.54 -0.55 0.00	20.90 -0.49 0.00	22.43 -0.62 0.03	25.88 -0.71 0.55	33.36 -0.67 -1.93	31.09 -0.30 -1.14	30.35 -0.30 -0.43	30.10 -0.36 -0.24	26.98 -0.47 -0.06	25.92 -0.39 -0.07	24.74 -0.40 0.00
GREENIDGE___3 23582	30.28 0.27 0.00	30.13 0.27 0.00	29.67 0.09 0.00	29.47 -0.03 0.00	29.64 0.03 0.00	30.01 0.09 0.00	30.67 -0.03 -0.08	30.65 -0.26 -1.48	30.90 -0.46 -2.49	24.85 -0.49 0.22	23.72 -0.46 0.10	23.14 -0.42 0.01	22.12 -0.54 0.03	20.54 -0.55 0.00	20.90 -0.49 0.00	22.43 -0.62 0.03	25.88 -0.71 0.55	33.36 -0.67 -1.93	31.09 -0.30 -1.14	30.35 -0.30 -0.43	30.10 -0.36 -0.24	26.98 -0.47 -0.06	25.92 -0.39 -0.07	24.74 -0.40 0.00
GREENIDGE___4 23583	30.28 0.27 0.00	29.89 0.03 0.00	29.64 0.06 0.00	29.47 -0.03 0.00	29.64 0.03 0.00	30.01 0.09 0.00	30.70 0.00 -0.08	30.56 -0.35 -1.48	30.81 -0.55 -2.49	24.85 -0.49 0.22	23.72 -0.46 0.10	23.14 -0.42 0.01	22.12 -0.54 0.03	20.54 -0.55 0.00	20.90 -0.49 0.00	22.41 -0.65 0.03	25.85 -0.73 0.55	33.36 -0.68 -1.93	31.06 -0.33 -1.14	30.35 -0.30 -0.43	30.10 -0.36 -0.24	26.98 -0.47 -0.06	25.92 -0.39 -0.07	24.74 -0.40 0.00
GREENLWN_69_KV_BK 3 55738	32.29 2.28 0.00	32.19 2.33 0.00	31.50 1.92 0.00	31.35 1.86 0.00	31.57 1.95 0.00	32.01 2.09 0.00	33.10 2.48 0.00	32.29 2.50 -0.35	31.12 2.25 0.00	27.42 1.87 0.00	26.20 1.92 0.00	25.34 1.77 0.00	24.56 1.86 0.00	22.77 1.69 0.00	23.12 1.73 0.00	27.36 1.94 -2.34	31.28 2.28 -1.87	42.72 3.24 -7.37	44.62 3.24 -11.13	40.80 3.23 -7.35	39.32 3.05 -6.05	35.85 2.44 -6.03	32.27 2.36 -3.67	28.84 2.26 -1.44
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.03 2.01 -0.01	31.96 2.09 -0.01	31.30 1.72 0.00	31.18 1.68 0.00	31.37 1.75 -0.01	31.69 1.77 0.00	32.82 2.20 0.00	31.58 2.15 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.62 2.69 -1.70	41.13 2.05 -11.69	28.40 2.15 -0.01	27.31 2.11 -0.06
GRISSOM___SOLAR 323813	33.37 3.36 0.00	33.14 3.28 0.00	32.72 3.13 0.00	32.86 3.36 0.00	32.90 3.29 0.00	33.45 3.53 0.00	34.35 3.73 0.00	32.69 3.27 0.01	31.49 2.63 0.01	27.53 1.97 0.00	26.07 1.80 0.00	25.36 1.79 0.00	24.38 1.68 0.00	22.61 1.52 0.00	22.97 1.58 0.00	25.03 1.94 0.00	30.03 2.90 0.00	36.25 4.14 0.00	41.38 3.90 -7.22	36.65 3.69 -2.75	36.32 3.72 -2.38	30.70 3.31 0.00	29.13 2.89 0.00	27.83 2.69 0.00
GROVEVILLE___HYD 323602	31.99 1.98 0.00	31.92 2.06 0.00	31.15 1.57 0.00	31.09 1.59 0.00	31.21 1.60 0.00	31.63 1.71 0.00	32.67 2.05 0.00	31.37 1.94 0.00	30.60 1.73 0.00	26.99 1.43 0.00	25.69 1.41 0.00	24.87 1.30 0.00	23.99 1.29 0.00	22.29 1.20 0.00	22.61 1.22 0.00	24.47 1.39 0.00	28.81 1.68 0.00	34.61 2.50 0.00	37.91 2.42 -5.23	34.63 2.42 -1.99	34.33 2.39 -1.73	29.28 1.89 0.00	28.05 1.81 0.00	26.88 1.73 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.50 -0.51 0.00	29.35 -0.51 0.00	28.96 -0.62 0.00	28.85 -0.65 0.00	28.99 -0.62 0.00	29.32 -0.60 0.00	30.11 -0.52 -0.01	28.68 -0.65 0.10	28.11 -0.69 0.07	24.77 -0.66 0.13	23.59 -0.63 0.05	22.91 -0.66 0.00	22.00 -0.68 0.02	20.45 -0.63 0.00	20.79 -0.60 0.00	22.40 -0.67 0.02	26.06 -0.76 0.31	31.55 -0.71 -0.14	30.37 -0.51 -0.63	29.89 -0.57 -0.24	29.78 -0.57 -0.13	26.79 -0.60 0.00	25.64 -0.60 -0.01	24.51 -0.63 0.00
HAMLTNNY_34_KV_TB 80303	29.50 -0.51 0.00	29.35 -0.51 0.00	28.96 -0.62 0.00	28.82 -0.68 0.00	28.99 -0.62 0.00	29.32 -0.60 0.00	30.11 -0.52 -0.01	28.69 -0.68 0.07	28.13 -0.72 0.02	24.75 -0.69 0.12	23.57 -0.66 0.05	22.88 -0.68 0.00	21.98 -0.70 0.02	20.43 -0.65 0.00	20.75 -0.64 0.00	22.38 -0.69 0.02	26.04 -0.79 0.30	31.54 -0.74 -0.17	30.37 -0.54 -0.66	29.90 -0.57 -0.25	29.76 -0.60 -0.14	26.76 -0.63 -0.01	25.62 -0.63 -0.01	24.51 -0.63 0.00



HAMPSHIRE___PAPER_HYD 323593	29.83 -0.18 0.00	29.74 -0.12 0.00	29.49 -0.09 0.00	29.38 -0.12 0.00	29.55 -0.06 0.00	29.74 -0.18 0.00	30.41 -0.21 0.00	29.19 -0.24 0.00	28.64 -0.23 0.00	25.41 -0.15 0.00	24.13 -0.14 0.00	23.43 -0.14 0.00	22.38 -0.32 0.00	20.77 -0.32 0.00	21.07 -0.32 0.00	22.74 -0.35 0.00	26.72 -0.41 0.00	31.53 -0.58 0.00	29.84 -0.58 -0.16	29.53 -0.75 -0.06	29.55 -0.73 -0.05	26.73 -0.66 0.00	25.61 -0.63 0.00	24.52 -0.63 0.00
HARDSCRABBLE_WT_PWR 323673	31.06 1.05 0.00	30.88 1.02 0.00	30.56 0.97 0.00	30.47 0.97 0.00	30.65 1.04 0.00	31.00 1.08 0.00	31.78 1.16 0.00	30.49 1.06 0.00	29.85 0.98 0.00	26.43 0.87 0.00	25.10 0.83 0.00	24.37 0.80 0.00	23.47 0.77 0.00	21.78 0.69 0.00	22.07 0.68 0.00	23.73 0.65 0.00	27.86 0.73 0.00	33.01 0.90 0.00	31.07 0.82 0.00	30.92 0.70 0.00	30.98 0.76 0.00	28.10 0.71 0.00	26.95 0.71 0.00	25.82 0.68 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.57 1.56 0.00	31.47 1.61 0.00	30.91 1.33 0.00	30.82 1.33 0.00	30.94 1.33 0.00	31.36 1.44 0.00	32.42 1.81 0.00	31.17 1.74 0.00	30.40 1.53 0.00	26.84 1.28 0.00	25.54 1.26 0.00	24.75 1.18 0.00	23.90 1.20 0.00	22.20 1.12 0.00	22.52 1.13 0.00	24.33 1.25 0.00	28.62 1.49 0.00	34.39 2.28 0.00	37.34 2.21 -4.88	34.31 2.24 -1.85	34.04 2.21 -1.61	29.08 1.70 0.00	27.87 1.63 0.00	26.70 1.56 0.00
HARSNRAD_115KV_TB1 81005	27.31 -2.70 0.00	27.23 -2.63 0.00	26.62 -2.96 0.00	26.37 -3.13 0.00	26.38 -3.23 0.00	26.63 -3.29 0.00	27.08 -3.52 0.01	23.72 -4.18 1.53	22.52 -4.21 2.13	21.50 -3.68 0.38	20.80 -3.33 0.15	20.50 -3.06 0.01	19.49 -3.15 0.06	18.09 -2.99 0.00	18.59 -2.80 0.00	19.75 -3.28 0.06	22.01 -4.18 0.95	26.53 -4.78 0.80	26.76 -4.17 -0.69	26.19 -4.29 -0.26	25.83 -4.38 0.01	23.31 -4.05 0.02	22.60 -3.62 0.02	22.03 -3.12 0.00
HARZA MOOSE___RIVER 24016	30.67 0.66 0.00	30.49 0.63 0.00	30.14 0.56 0.00	30.03 0.53 0.00	30.23 0.62 0.00	30.61 0.69 0.00	31.41 0.80 0.00	29.94 0.62 0.11	29.26 0.52 0.13	25.97 0.46 0.05	24.69 0.44 0.02	23.92 0.35 0.00	22.80 0.11 0.01	21.19 0.11 0.00	21.49 0.11 0.00	23.22 0.14 0.01	27.22 0.22 0.12	32.52 0.42 0.01	30.94 0.48 -0.20	30.54 0.24 -0.08	30.59 0.33 -0.03	27.55 0.16 0.00	26.37 0.13 0.00	25.24 0.10 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	29.26 -0.75 0.00	29.11 -0.75 0.00	28.72 -0.86 0.00	28.58 -0.91 0.00	28.72 -0.89 0.00	29.08 -0.84 0.00	29.82 -0.80 0.00	28.06 -0.91 0.46	27.34 -0.95 0.57	24.47 -0.87 0.22	23.36 -0.83 0.10	22.72 -0.85 0.01	21.82 -0.84 0.03	20.31 -0.78 0.00	20.62 -0.77 0.00	22.22 -0.83 0.03	25.61 -0.98 0.54	31.10 -0.96 0.05	30.04 -0.79 -0.58	29.63 -0.82 -0.22	29.43 -0.85 -0.05	26.54 -0.85 0.00	25.43 -0.81 0.00	24.34 -0.80 0.00
HELLGATE_13_KV_LD 55870	31.87 1.86 0.00	31.80 1.94 0.00	31.12 1.54 0.00	31.00 1.50 0.00	31.21 1.60 0.00	31.54 1.62 0.00	32.70 2.08 0.00	31.49 2.06 0.00	30.74 1.88 0.00	27.19 1.64 0.00	25.90 1.63 0.00	25.15 1.58 0.00	24.29 1.59 0.00	22.58 1.50 0.00	22.91 1.52 0.00	24.90 1.64 -0.17	29.00 1.87 0.00	34.87 2.76 0.00	38.02 2.60 -5.17	34.82 2.63 -1.97	34.49 2.57 -1.70	31.00 1.94 -1.67	28.29 2.05 0.00	27.16 2.01 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.87 1.86 0.00	31.80 1.94 0.00	31.12 1.54 0.00	31.00 1.50 0.00	31.21 1.60 0.00	31.54 1.62 0.00	32.70 2.08 0.00	31.49 2.06 0.00	30.74 1.88 0.00	27.19 1.64 0.00	25.90 1.63 0.00	25.15 1.58 0.00	24.29 1.59 0.00	22.58 1.50 0.00	22.91 1.52 0.00	24.90 1.64 -0.17	29.00 1.87 0.00	34.87 2.76 0.00	38.02 2.60 -5.17	34.82 2.63 -1.97	34.49 2.57 -1.70	31.00 1.94 -1.67	28.29 2.05 0.00	27.16 2.01 -0.01
HEMPSTEAD____ 23647	32.20 2.19 0.00	31.86 2.00 0.00	31.42 1.83 0.00	31.27 1.77 0.00	31.48 1.87 0.00	31.93 2.00 0.00	32.85 2.23 0.00	32.20 2.41 -0.36	31.04 2.17 0.00	27.38 1.81 0.00	26.12 1.84 0.00	25.29 1.72 0.00	24.49 1.79 0.00	22.71 1.62 0.00	23.06 1.67 0.00	27.30 1.87 -2.34	31.20 2.20 -1.87	42.53 3.05 -7.37	44.62 2.90 -11.46	40.75 2.93 -7.60	39.20 2.93 -6.05	35.74 2.33 -6.03	32.19 2.28 -3.67	28.79 2.21 -1.44
HEWLETT__69_KV_BK3 55828	32.41 2.40 0.00	32.31 2.45 0.00	31.65 2.07 0.00	31.50 2.01 0.00	31.68 2.07 0.00	32.13 2.21 0.00	33.25 2.63 0.00	32.40 2.62 -0.35	31.24 2.37 0.00	27.55 1.99 0.00	26.29 2.02 0.00	25.46 1.89 0.00	24.65 1.95 0.00	22.86 1.77 0.00	23.18 1.80 0.00	27.43 2.01 -2.34	31.33 2.33 -1.87	42.79 3.31 -7.37	44.87 3.18 -11.44	41.01 3.20 -7.58	39.41 3.14 -6.05	35.91 2.49 -6.03	32.32 2.41 -3.67	28.95 2.36 -1.44
HICKLING___1 23621	30.46 0.45 0.00	30.31 0.45 0.00	29.82 0.24 0.00	29.64 0.15 0.00	29.76 0.15 0.00	30.10 0.18 0.00	30.89 0.24 -0.03	29.17 -0.32 -0.06	28.61 -0.49 -0.23	24.86 -0.51 0.19	23.69 -0.51 0.08	23.28 -0.28 0.00	22.28 -0.39 0.03	20.66 -0.42 0.00	21.02 -0.36 0.00	22.44 -0.62 0.03	25.88 -0.79 0.46	31.96 -0.58 -0.43	31.35 -0.33 -1.43	30.37 -0.39 -0.54	30.15 -0.42 -0.35	26.91 -0.49 -0.02	25.97 -0.29 -0.02	24.89 -0.25 0.00
HICKLING___2 23622	30.46 0.45 0.00	30.31 0.45 0.00	29.82 0.24 0.00	29.64 0.15 0.00	29.76 0.15 0.00	30.10 0.18 0.00	30.89 0.24 -0.03	29.17 -0.32 -0.06	28.61 -0.49 -0.23	24.86 -0.51 0.19	23.69 -0.51 0.08	23.28 -0.28 0.00	22.28 -0.39 0.03	20.66 -0.42 0.00	21.02 -0.36 0.00	22.44 -0.62 0.03	25.88 -0.79 0.46	31.96 -0.58 -0.43	31.35 -0.33 -1.43	30.37 -0.39 -0.54	30.15 -0.42 -0.35	26.91 -0.49 -0.02	25.97 -0.29 -0.02	24.89 -0.25 0.00
HIGH FALLS___HY 23754	31.90 1.89 0.00	31.83 1.97 0.00	31.12 1.54 0.00	31.06 1.56 0.00	31.18 1.57 0.00	31.57 1.65 0.00	32.70 2.08 0.00	31.34 1.91 0.00	30.51 1.65 0.00	26.89 1.33 0.00	25.61 1.34 0.00	24.77 1.20 0.00	23.88 1.18 0.00	22.18 1.10 0.00	22.54 1.15 0.00	24.38 1.29 0.00	28.73 1.60 0.00	34.65 2.54 0.00	37.90 2.48 -5.17	34.67 2.48 -1.97	34.34 2.42 -1.70	29.22 1.83 0.00	28.03 1.78 0.00	26.85 1.71 0.00
HILLBURN___GT 23639	31.54 1.53 0.00	31.21 1.34 0.00	30.82 1.24 0.00	30.79 1.30 0.00	30.88 1.27 0.00	31.33 1.41 0.00	32.27 1.65 0.00	31.17 1.74 0.00	30.43 1.56 0.00	26.89 1.33 0.00	25.61 1.33 0.00	24.82 1.25 0.00	23.97 1.27 0.00	22.27 1.18 0.00	22.58 1.20 0.00	24.38 1.29 0.00	28.65 1.52 0.00	34.42 2.31 0.00	37.43 2.24 -4.94	34.34 2.24 -1.88	34.09 2.24 -1.63	29.11 1.73 0.00	27.92 1.68 0.00	26.75 1.61 0.00
HILLSIDE_115KV_TB1 80332	29.95 -0.06 0.00	29.80 -0.06 0.00	29.31 -0.27 0.00	29.14 -0.35 0.00	29.26 -0.36 0.00	29.59 -0.33 0.00	30.37 -0.28 -0.02	28.69 -0.77 -0.02	28.14 -0.89 -0.17	24.51 -0.87 0.18	23.38 -0.83 0.08	23.00 -0.57 0.00	22.03 -0.64 0.03	20.45 -0.63 0.00	20.81 -0.58 0.00	22.18 -0.88 0.03	25.57 -1.11 0.45	31.49 -1.00 -0.38	30.96 -0.76 -1.46	29.99 -0.79 -0.56	29.77 -0.82 -0.37	26.55 -0.85 -0.01	25.63 -0.63 -0.02	24.62 -0.53 0.00



HISHELDN_WT_PWR 323625	27.67 -2.34 0.00	27.14 -2.72 0.00	26.89 -2.69 0.00	26.69 -2.80 0.00	26.71 -2.90 0.00	26.93 -2.99 0.00	27.24 -3.37 0.01	23.84 -4.09 1.50	22.57 -4.22 2.08	21.52 -3.66 0.38	20.78 -3.35 0.15	20.64 -2.92 0.01	19.51 -3.13 0.05	18.20 -2.89 0.00	18.67 -2.72 0.00	19.62 -3.42 0.05	21.95 -4.23 0.94	26.46 -4.88 0.77	26.53 -4.42 -0.70	25.96 -4.53 -0.27	25.56 -4.65 0.01	23.15 -4.22 0.02	22.58 -3.65 0.02	22.00 -3.14 0.00
HOLTSVILLE_IC_1 23690	32.41 2.40 0.00	32.07 2.21 0.00	31.59 2.01 0.00	31.41 1.92 0.00	31.65 2.04 0.00	32.13 2.21 0.00	32.94 2.33 0.00	32.38 2.59 -0.35	31.21 2.34 0.00	27.45 1.89 0.00	26.29 2.01 0.00	25.41 1.84 0.00	24.67 1.97 0.00	22.84 1.75 0.00	23.14 1.75 0.00	27.43 2.01 -2.34	31.41 2.41 -1.87	42.88 3.40 -7.37	48.32 3.09 -14.99	43.56 3.11 -10.23	39.47 3.20 -6.05	36.02 2.60 -6.03	32.51 2.60 -3.67	29.05 2.47 -1.44
HOLTSVILLE_IC_10 23699	32.56 2.55 0.00	32.22 2.36 0.00	31.74 2.16 0.00	31.53 2.03 0.00	31.80 2.19 0.00	32.28 2.36 0.00	33.10 2.48 0.00	32.52 2.74 -0.35	31.32 2.45 0.00	27.55 1.99 0.00	26.39 2.11 0.00	25.50 1.93 0.00	24.76 2.07 0.00	22.92 1.83 0.00	23.25 1.86 0.00	27.55 2.12 -2.34	31.55 2.55 -1.87	43.07 3.60 -7.37	48.39 3.30 -14.84	43.66 3.32 -10.12	39.65 3.38 -6.05	36.18 2.76 -6.03	32.64 2.73 -3.67	29.15 2.57 -1.44
HOLTSVILLE_IC_2 23691	32.41 2.40 0.00	32.07 2.21 0.00	31.59 2.01 0.00	31.41 1.92 0.00	31.65 2.04 0.00	32.13 2.21 0.00	32.94 2.33 0.00	32.38 2.59 -0.35	31.21 2.34 0.00	27.45 1.89 0.00	26.29 2.01 0.00	25.41 1.84 0.00	24.67 1.97 0.00	22.84 1.75 0.00	23.14 1.75 0.00	27.43 2.01 -2.34	31.41 2.41 -1.87	42.88 3.40 -7.37	48.32 3.09 -14.99	43.56 3.11 -10.23	39.47 3.20 -6.05	36.02 2.60 -6.03	32.51 2.60 -3.67	29.05 2.47 -1.44
HOLTSVILLE_IC_3 23692	32.41 2.40 0.00	32.07 2.21 0.00	31.59 2.01 0.00	31.41 1.92 0.00	31.65 2.04 0.00	32.13 2.21 0.00	32.94 2.33 0.00	32.38 2.59 -0.35	31.21 2.34 0.00	27.45 1.89 0.00	26.29 2.01 0.00	25.41 1.84 0.00	24.67 1.97 0.00	22.84 1.75 0.00	23.14 1.75 0.00	27.43 2.01 -2.34	31.41 2.41 -1.87	42.88 3.40 -7.37	48.32 3.09 -14.99	43.56 3.11 -10.23	39.47 3.20 -6.05	36.02 2.60 -6.03	32.51 2.60 -3.67	29.05 2.47 -1.44
HOLTSVILLE_IC_4 23693	32.41 2.40 0.00	32.07 2.21 0.00	31.59 2.01 0.00	31.41 1.92 0.00	31.65 2.04 0.00	32.13 2.21 0.00	32.94 2.33 0.00	32.38 2.59 -0.35	31.21 2.34 0.00	27.45 1.89 0.00	26.29 2.01 0.00	25.41 1.84 0.00	24.67 1.97 0.00	22.84 1.75 0.00	23.14 1.75 0.00	27.43 2.01 -2.34	31.41 2.41 -1.87	42.88 3.40 -7.37	48.32 3.09 -14.99	43.56 3.11 -10.23	39.47 3.20 -6.05	36.02 2.60 -6.03	32.51 2.60 -3.67	29.05 2.47 -1.44
HOLTSVILLE_IC_5 23694	32.41 2.40 0.00	32.07 2.21 0.00	31.59 2.01 0.00	31.41 1.92 0.00	31.65 2.04 0.00	32.13 2.21 0.00	32.94 2.33 0.00	32.38 2.59 -0.35	31.21 2.34 0.00	27.45 1.89 0.00	26.29 2.01 0.00	25.41 1.84 0.00	24.67 1.97 0.00	22.84 1.75 0.00	23.14 1.75 0.00	27.43 2.01 -2.34	31.41 2.41 -1.87	42.88 3.40 -7.37	48.32 3.09 -14.99	43.56 3.11 -10.23	39.47 3.20 -6.05	36.02 2.60 -6.03	32.51 2.60 -3.67	29.05 2.47 -1.44
HOLTSVILLE_IC_6 23695	32.56 2.55 0.00	32.22 2.36 0.00	31.74 2.16 0.00	31.53 2.03 0.00	31.80 2.19 0.00	32.28 2.36 0.00	33.10 2.48 0.00	32.52 2.74 -0.35	31.32 2.45 0.00	27.55 1.99 0.00	26.39 2.11 0.00	25.50 1.93 0.00	24.76 2.07 0.00	22.92 1.83 0.00	23.25 1.86 0.00	27.55 2.12 -2.34	31.55 2.55 -1.87	43.07 3.60 -7.37	48.39 3.30 -14.84	43.66 3.32 -10.12	39.65 3.38 -6.05	36.18 2.76 -6.03	32.64 2.73 -3.67	29.15 2.57 -1.44
HOLTSVILLE_IC_7 23696	32.56 2.55 0.00	32.22 2.36 0.00	31.74 2.16 0.00	31.53 2.03 0.00	31.80 2.19 0.00	32.28 2.36 0.00	33.10 2.48 0.00	32.52 2.74 -0.35	31.32 2.45 0.00	27.55 1.99 0.00	26.39 2.11 0.00	25.50 1.93 0.00	24.76 2.07 0.00	22.92 1.83 0.00	23.25 1.86 0.00	27.55 2.12 -2.34	31.55 2.55 -1.87	43.07 3.60 -7.37	48.39 3.30 -14.84	43.66 3.32 -10.12	39.65 3.38 -6.05	36.18 2.76 -6.03	32.64 2.73 -3.67	29.15 2.57 -1.44
HOLTSVILLE_IC_8 23697	32.56 2.55 0.00	32.22 2.36 0.00	31.74 2.16 0.00	31.53 2.03 0.00	31.80 2.19 0.00	32.28 2.36 0.00	33.10 2.48 0.00	32.52 2.74 -0.35	31.32 2.45 0.00	27.55 1.99 0.00	26.39 2.11 0.00	25.50 1.93 0.00	24.76 2.07 0.00	22.92 1.83 0.00	23.25 1.86 0.00	27.55 2.12 -2.34	31.55 2.55 -1.87	43.07 3.60 -7.37	48.39 3.30 -14.84	43.66 3.32 -10.12	39.65 3.38 -6.05	36.18 2.76 -6.03	32.64 2.73 -3.67	29.15 2.57 -1.44
HOLTSVILLE_IC_9 23698	32.56 2.55 0.00	32.22 2.36 0.00	31.74 2.16 0.00	31.53 2.03 0.00	31.80 2.19 0.00	32.28 2.36 0.00	33.10 2.48 0.00	32.52 2.74 -0.35	31.32 2.45 0.00	27.55 1.99 0.00	26.39 2.11 0.00	25.50 1.93 0.00	24.76 2.07 0.00	22.92 1.83 0.00	23.25 1.86 0.00	27.55 2.12 -2.34	31.55 2.55 -1.87	43.07 3.60 -7.37	48.39 3.30 -14.84	43.66 3.32 -10.12	39.65 3.38 -6.05	36.18 2.76 -6.03	32.64 2.73 -3.67	29.15 2.57 -1.44
HOMER_HL_115KV_TB2 355744	28.84 -1.17 0.00	28.73 -1.13 0.00	28.07 -1.51 0.00	27.87 -1.62 0.00	27.86 -1.75 0.00	28.12 -1.80 0.00	28.60 -2.02 0.00	24.85 -3.44 1.14	23.79 -3.52 1.55	22.05 -3.17 0.33	21.13 -3.01 0.13	21.80 -1.77 0.01	20.77 -1.88 0.05	19.27 -1.81 0.00	19.68 -1.71 0.00	20.29 -2.75 0.05	22.61 -3.69 0.83	27.60 -4.01 0.50	27.43 -3.69 -0.87	26.87 -3.69 -0.33	26.61 -3.69 -0.08	23.95 -3.42 0.01	23.87 -2.36 0.01	23.23 -1.91 0.00
HOWARD_WT_PWR 323690	31.15 1.14 0.00	30.70 0.83 0.00	30.44 0.86 0.00	30.26 0.77 0.00	30.41 0.80 0.00	30.76 0.84 0.00	31.35 0.70 -0.03	29.57 0.18 0.04	28.92 -0.06 -0.11	25.17 -0.15 0.24	23.96 -0.22 0.10	23.50 -0.07 0.01	22.39 -0.27 0.04	20.77 -0.32 0.00	21.09 -0.30 0.00	22.45 -0.60 0.04	25.90 -0.65 0.58	32.18 -0.35 -0.42	31.27 -0.18 -1.20	30.41 -0.27 -0.46	30.11 -0.36 -0.25	26.94 -0.47 -0.02	25.97 -0.29 -0.02	24.84 -0.30 0.00
HQ_GEN_CEDARS 23644	30.01 0.00 0.00	29.80 -0.06 0.00	29.82 0.24 0.00	29.73 0.24 0.00	29.85 0.24 0.00	29.98 0.06 0.00	30.43 -0.18 0.00	29.34 -0.09 0.00	28.90 0.03 0.00	25.66 0.10 0.00	24.40 0.12 0.00	23.83 0.26 0.00	22.88 0.18 0.00	21.28 0.19 0.00	21.56 0.17 0.00	23.23 0.14 0.00	27.16 0.03 0.00	31.76 -0.35 0.00	29.77 -0.48 0.00	29.74 -0.48 0.00	29.74 -0.48 0.00	27.11 -0.27 0.00	25.98 -0.26 0.00	24.94 -0.20 0.00
HQ_GEN_CEDARS_PROXY 323590	30.01 0.00 0.00	30.04 0.18 0.00	29.85 0.27 0.00	29.73 0.23 0.00	29.85 0.24 0.00	29.98 0.06 0.00	29.95 -0.09 0.58	29.95 -0.06 -0.58	28.90 0.03 0.00	25.66 0.10 0.00	24.40 0.12 0.00	23.83 0.26 0.00	22.90 0.20 0.00	21.28 0.19 0.00	21.56 0.17 0.00	23.23 0.14 0.00	27.16 0.03 0.00	31.76 -0.35 0.00	29.80 -0.45 0.00	29.74 -0.48 0.00	29.74 -0.48 0.00	27.11 -0.27 0.00	25.98 -0.26 0.00	24.94 -0.20 0.00



HQ_GEN_IMPORT 323601	29.89 -0.12 0.00	29.89 0.03 0.00	29.67 0.09 0.00	29.55 0.06 0.00	29.67 0.06 0.00	29.89 -0.03 0.00	29.89 -0.15 0.58	29.89 -0.12 -0.58	28.87 0.00 0.00	25.61 0.05 0.00	24.33 0.05 0.00	23.64 0.07 0.00	22.74 0.05 0.00	21.13 0.04 0.00	21.43 0.04 0.00	23.11 0.02 0.00	29.06 0.00 -1.93	29.89 -0.29 1.93	29.89 -0.36 0.00	29.89 -0.33 0.00	29.89 -0.33 0.00	27.25 -0.14 0.00	26.11 -0.13 0.00	25.04 -0.10 0.00
HQ_GEN_WHEEL 23651	29.89 -0.12 0.00	29.89 0.03 0.00	29.67 0.09 0.00	29.55 0.06 0.00	29.67 0.06 0.00	29.89 -0.03 0.00	29.89 -0.15 0.58	29.89 -0.12 -0.58	28.87 0.00 0.00	25.61 0.05 0.00	24.33 0.05 0.00	23.64 0.07 0.00	22.74 0.05 0.00	21.13 0.04 0.00	21.43 0.04 0.00	23.11 0.02 0.00	29.06 0.00 -1.93	29.89 -0.29 1.93	29.89 -0.36 0.00	29.89 -0.33 0.00	29.89 -0.33 0.00	27.25 -0.14 0.00	26.11 -0.13 0.00	25.04 -0.10 0.00
HUDSON AVE_GT_3 23810	31.75 1.74 0.00	31.65 1.79 0.00	31.03 1.45 0.00	30.94 1.45 0.00	31.09 1.48 0.00	31.51 1.59 0.00	32.64 2.02 0.00	31.46 2.03 0.00	30.72 1.85 0.00	27.17 1.61 0.00	25.90 1.63 0.00	25.15 1.58 0.00	24.29 1.59 0.00	22.58 1.50 0.00	22.91 1.52 0.00	24.70 1.62 0.00	29.00 1.87 0.00	34.87 2.76 0.00	38.02 2.60 -5.17	34.82 2.63 -1.97	34.52 2.60 -1.70	29.36 1.97 0.00	28.21 1.97 0.00	27.05 1.91 0.00
HUDSON AVE_GT_4 23540	31.75 1.74 0.00	31.65 1.79 0.00	31.03 1.45 0.00	30.94 1.45 0.00	31.09 1.48 0.00	31.51 1.59 0.00	32.64 2.02 0.00	31.46 2.03 0.00	30.72 1.85 0.00	27.17 1.61 0.00	25.90 1.63 0.00	25.15 1.58 0.00	24.29 1.59 0.00	22.58 1.50 0.00	22.91 1.52 0.00	24.70 1.62 0.00	29.00 1.87 0.00	34.87 2.76 0.00	38.02 2.60 -5.17	34.82 2.63 -1.97	34.52 2.60 -1.70	29.36 1.97 0.00	28.21 1.97 0.00	27.05 1.91 0.00
HUDSON AVE_GT_5 23657	31.75 1.74 0.00	31.65 1.79 0.00	31.03 1.45 0.00	30.94 1.45 0.00	31.09 1.48 0.00	31.51 1.59 0.00	32.64 2.02 0.00	31.46 2.03 0.00	30.72 1.85 0.00	27.17 1.61 0.00	25.90 1.63 0.00	25.15 1.58 0.00	24.29 1.59 0.00	22.58 1.50 0.00	22.91 1.52 0.00	24.70 1.62 0.00	29.00 1.87 0.00	34.87 2.76 0.00	38.02 2.60 -5.17	34.82 2.63 -1.97	34.52 2.60 -1.70	29.36 1.97 0.00	28.21 1.97 0.00	27.05 1.91 0.00
HUDSON_AVE_10 24168	31.69 1.68 0.00	31.59 1.73 0.00	30.97 1.39 0.00	30.88 1.39 0.00	31.03 1.42 0.00	31.45 1.53 0.00	32.61 1.99 0.00	31.43 2.00 0.00	30.69 1.82 0.00	27.14 1.58 0.00	25.88 1.60 0.00	25.13 1.56 0.00	24.26 1.57 0.00	22.56 1.48 0.00	22.88 1.50 0.00	24.68 1.59 0.00	28.97 1.84 0.00	34.84 2.73 0.00	37.99 2.57 -5.17	34.79 2.60 -1.97	34.49 2.57 -1.70	29.33 1.94 0.00	28.16 1.92 0.00	27.03 1.89 0.00
HUDSON___115KV_TB 4 355613	31.39 1.38 0.00	31.29 1.43 0.00	30.82 1.24 0.00	30.82 1.33 0.00	30.91 1.30 0.00	31.36 1.44 0.00	32.24 1.62 0.00	30.93 1.50 0.00	30.17 1.30 0.00	26.63 1.07 0.00	25.10 0.83 0.00	24.37 0.80 0.00	23.49 0.79 0.00	21.82 0.74 0.00	22.14 0.75 0.00	24.01 0.92 0.00	28.35 1.22 0.00	33.84 1.73 0.00	38.06 1.60 -6.21	34.12 1.54 -2.36	33.81 1.54 -2.05	28.76 1.37 0.00	27.55 1.31 0.00	26.27 1.13 0.00
HUNTER MOUNT___DRP 323613	31.54 1.53 0.00	31.47 1.61 0.00	31.03 1.45 0.00	31.00 1.50 0.00	31.12 1.51 0.00	31.54 1.62 0.00	32.42 1.81 0.00	31.05 1.62 0.00	30.28 1.41 0.00	26.68 1.12 0.00	25.10 0.83 0.00	24.35 0.78 0.00	23.47 0.77 0.00	21.78 0.70 0.00	22.09 0.71 0.00	24.01 0.92 0.00	28.43 1.30 0.00	33.94 1.83 0.00	37.92 1.63 -6.04	34.09 1.57 -2.30	33.78 1.57 -1.99	28.84 1.45 0.00	27.63 1.39 0.00	26.35 1.21 0.00
HUNTINGTON_RES_REC 323705	32.41 2.40 0.00	32.04 2.18 0.00	31.59 2.01 0.00	31.41 1.92 0.00	31.65 2.04 0.00	32.10 2.18 0.00	33.01 2.39 0.00	32.38 2.59 -0.35	31.21 2.34 0.00	27.48 1.92 0.00	26.27 1.99 0.00	25.41 1.84 0.00	24.65 1.95 0.00	22.84 1.75 0.00	23.16 1.77 0.00	27.46 2.03 -2.34	31.41 2.41 -1.87	42.92 3.44 -7.37	43.65 3.33 -10.07	40.11 3.32 -6.56	39.51 3.24 -6.05	36.02 2.60 -6.03	32.45 2.54 -3.67	29.00 2.41 -1.44
HUNTLEY___63 23557	27.46 -2.55 0.00	27.38 -2.48 0.00	26.77 -2.81 0.00	26.52 -2.98 0.00	26.59 -3.02 0.00	26.84 -3.08 0.00	27.24 -3.37 0.01	23.85 -4.06 1.51	22.65 -4.10 2.12	21.57 -3.60 0.38	20.90 -3.23 0.15	20.64 -2.92 0.01	19.62 -3.02 0.05	18.22 -2.87 0.00	18.69 -2.69 0.00	19.85 -3.19 0.05	22.11 -4.07 0.95	26.67 -4.66 0.78	26.86 -4.08 -0.69	26.26 -4.23 -0.27	25.92 -4.29 0.01	23.39 -3.97 0.02	22.73 -3.49 0.02	22.15 -2.99 0.00
HUNTLEY___64 23558	27.46 -2.55 0.00	27.38 -2.48 0.00	26.77 -2.81 0.00	26.52 -2.98 0.00	26.59 -3.02 0.00	26.84 -3.08 0.00	27.24 -3.37 0.01	23.85 -4.06 1.51	22.65 -4.10 2.12	21.57 -3.60 0.38	20.90 -3.23 0.15	20.64 -2.92 0.01	19.62 -3.02 0.05	18.22 -2.87 0.00	18.69 -2.69 0.00	19.85 -3.19 0.05	22.11 -4.07 0.95	26.67 -4.66 0.78	26.86 -4.08 -0.69	26.26 -4.23 -0.27	25.92 -4.29 0.01	23.39 -3.97 0.02	22.73 -3.49 0.02	22.15 -2.99 0.00
HUNTLEY___65 23559	27.46 -2.55 0.00	27.38 -2.48 0.00	26.77 -2.81 0.00	26.52 -2.98 0.00	26.59 -3.02 0.00	26.84 -3.08 0.00	27.24 -3.37 0.01	23.85 -4.06 1.51	22.65 -4.10 2.12	21.57 -3.60 0.38	20.90 -3.23 0.15	20.64 -2.92 0.01	19.62 -3.02 0.05	18.22 -2.87 0.00	18.69 -2.69 0.00	19.85 -3.19 0.05	22.11 -4.07 0.95	26.67 -4.66 0.78	26.86 -4.08 -0.69	26.26 -4.23 -0.27	25.92 -4.29 0.01	23.39 -3.97 0.02	22.73 -3.49 0.02	22.15 -2.99 0.00
HUNTLEY___66 23560	27.46 -2.55 0.00	27.38 -2.48 0.00	26.77 -2.81 0.00	26.52 -2.98 0.00	26.59 -3.02 0.00	26.84 -3.08 0.00	27.24 -3.37 0.01	23.85 -4.06 1.51	22.65 -4.10 2.12	21.57 -3.60 0.38	20.90 -3.23 0.15	20.64 -2.92 0.01	19.62 -3.02 0.05	18.22 -2.87 0.00	18.69 -2.69 0.00	19.85 -3.19 0.05	22.11 -4.07 0.95	26.67 -4.66 0.78	26.86 -4.08 -0.69	26.26 -4.23 -0.27	25.92 -4.29 0.01	23.39 -3.97 0.02	22.73 -3.49 0.02	22.15 -2.99 0.00
HUNTLEY___67 23561	27.49 -2.52 0.00	27.38 -2.48 0.00	26.77 -2.81 0.00	26.55 -2.95 0.00	26.56 -3.05 0.00	26.84 -3.08 0.00	27.27 -3.34 0.01	23.90 -4.00 1.52	22.70 -4.04 2.12	21.60 -3.58 0.38	20.90 -3.23 0.15	20.69 -2.88 0.01	19.67 -2.97 0.05	18.26 -2.83 0.00	18.76 -2.63 0.00	19.89 -3.14 0.05	22.16 -4.02 0.95	26.70 -4.62 0.79	26.88 -4.05 -0.68	26.32 -4.17 -0.26	25.94 -4.26 0.02	23.42 -3.94 0.02	22.79 -3.44 0.02	22.20 -2.94 0.00
HUNTLEY___68 23562	27.49 -2.52 0.00	27.38 -2.48 0.00	26.77 -2.81 0.00	26.55 -2.95 0.00	26.56 -3.05 0.00	26.84 -3.08 0.00	27.27 -3.34 0.01	23.90 -4.00 1.52	22.70 -4.04 2.12	21.60 -3.58 0.38	20.90 -3.23 0.15	20.69 -2.88 0.01	19.67 -2.97 0.05	18.26 -2.83 0.00	18.76 -2.63 0.00	19.89 -3.14 0.05	22.16 -4.02 0.95	26.70 -4.62 0.79	26.88 -4.05 -0.68	26.32 -4.17 -0.26	25.94 -4.26 0.02	23.42 -3.94 0.02	22.79 -3.44 0.02	22.20 -2.94 0.00



HYLAND___LFGE 323620	30.88 0.87 0.00	30.43 0.57 0.00	30.14 0.56 0.00	29.94 0.44 0.00	30.20 0.59 0.00	30.55 0.63 0.00	31.18 0.55 -0.01	28.91 0.09 0.61	27.96 -0.14 0.77	24.92 -0.36 0.28	23.69 -0.46 0.12	23.05 -0.52 0.01	21.97 -0.68 0.04	20.35 -0.74 0.00	20.75 -0.64 0.00	22.42 -0.62 0.04	25.82 -0.62 0.69	31.84 -0.19 0.08	31.45 0.15 -1.04	30.71 0.09 -0.40	30.42 0.03 -0.17	27.22 -0.16 0.00	26.11 -0.13 0.00	24.89 -0.25 0.00
INDECK___CORINTH 23802	31.72 1.71 0.00	31.47 1.61 0.00	31.06 1.48 0.00	31.15 1.65 0.00	31.21 1.60 0.00	31.68 1.76 0.00	32.52 1.90 0.00	31.14 1.71 0.00	30.25 1.39 0.00	26.66 1.10 0.00	25.25 0.97 0.00	24.56 0.99 0.00	23.65 0.95 0.00	21.93 0.84 0.00	22.22 0.83 0.00	24.13 1.04 0.00	28.65 1.52 0.00	34.29 2.18 0.00	38.95 2.12 -6.58	34.75 2.03 -2.50	34.45 2.06 -2.17	29.11 1.73 0.00	27.74 1.49 0.00	26.53 1.38 0.00
INDECK___ILION 23567	30.73 0.72 0.00	30.61 0.75 0.00	30.23 0.65 0.00	30.14 0.65 0.00	30.29 0.68 0.00	30.64 0.72 0.00	31.44 0.83 0.00	30.17 0.74 0.00	29.53 0.66 0.00	26.15 0.59 0.00	24.84 0.56 0.00	24.09 0.52 0.00	23.22 0.52 0.00	21.55 0.46 0.00	21.86 0.47 0.00	23.55 0.46 0.00	27.67 0.54 0.00	32.85 0.74 0.00	30.95 0.70 0.00	30.86 0.63 0.00	30.89 0.66 0.00	27.96 0.58 0.00	26.79 0.55 0.00	25.67 0.53 0.00
INDECK___OLEAN 23982	28.84 -1.17 0.00	28.22 -1.64 0.00	28.01 -1.57 0.00	27.87 -1.62 0.00	27.86 -1.75 0.00	28.13 -1.79 0.00	28.32 -2.30 0.00	24.85 -3.44 1.14	23.70 -3.61 1.55	22.03 -3.20 0.33	21.13 -3.01 0.13	21.80 -1.77 0.01	20.67 -1.97 0.05	19.27 -1.81 0.00	19.68 -1.71 0.00	19.90 -3.14 0.05	22.58 -3.72 0.83	27.63 -3.98 0.50	27.43 -3.69 -0.87	26.87 -3.69 -0.33	26.61 -3.69 -0.08	23.95 -3.42 0.01	23.87 -2.36 0.01	23.21 -1.94 0.00
INDECK___OSWEGO 23783	28.93 -1.08 0.00	28.70 -1.17 0.00	28.40 -1.18 0.00	28.31 -1.18 0.00	28.46 -1.16 0.00	28.78 -1.14 0.00	29.52 -1.10 0.00	28.63 -1.18 -0.38	28.15 -1.18 -0.47	24.67 -1.07 -0.18	23.34 -1.02 -0.08	22.56 -1.01 0.00	21.70 -1.02 -0.03	20.16 -0.93 0.00	20.45 -0.94 0.00	22.10 -1.02 -0.03	26.41 -1.17 -0.44	30.93 -1.22 -0.04	29.69 -1.06 -0.50	29.32 -1.09 -0.19	29.38 -1.12 -0.28	26.32 -1.07 0.00	25.19 -1.05 0.00	24.09 -1.06 0.00
INDECK___YERKES 23781	27.49 -2.52 0.00	26.99 -2.87 0.00	26.74 -2.84 0.00	26.55 -2.95 0.00	26.59 -3.02 0.00	26.87 -3.05 0.00	27.21 -3.40 0.01	23.83 -4.09 1.51	22.56 -4.19 2.12	21.60 -3.58 0.38	20.90 -3.23 0.15	20.64 -2.92 0.01	19.60 -3.04 0.05	18.24 -2.85 0.00	18.71 -2.67 0.00	19.78 -3.25 0.05	22.11 -4.07 0.95	26.64 -4.69 0.78	26.89 -4.05 -0.69	26.29 -4.20 -0.27	25.92 -4.29 0.01	23.42 -3.94 0.02	22.73 -3.49 0.02	22.13 -3.02 0.00
INDIAN POINT_GT_1 24139	31.57 1.56 0.00	31.50 1.64 0.00	30.88 1.30 0.00	30.82 1.33 0.00	30.91 1.30 0.00	31.36 1.44 0.00	32.39 1.78 0.00	31.23 1.80 0.00	30.46 1.59 0.00	26.91 1.35 0.00	25.64 1.36 0.00	24.87 1.30 0.00	24.01 1.32 0.00	22.31 1.22 0.00	22.63 1.24 0.00	24.43 1.34 0.00	28.70 1.57 0.00	34.45 2.34 0.00	37.62 2.27 -5.10	34.46 2.30 -1.94	34.17 2.27 -1.68	29.14 1.75 0.00	27.95 1.71 0.00	26.78 1.63 0.00
INDIAN POINT_GT_2 23659	31.57 1.56 0.00	31.50 1.64 0.00	30.88 1.30 0.00	30.82 1.33 0.00	30.91 1.30 0.00	31.36 1.44 0.00	32.39 1.78 0.00	31.23 1.80 0.00	30.46 1.59 0.00	26.91 1.35 0.00	25.64 1.36 0.00	24.87 1.30 0.00	24.01 1.32 0.00	22.31 1.22 0.00	22.63 1.24 0.00	24.43 1.34 0.00	28.70 1.57 0.00	34.45 2.34 0.00	37.62 2.27 -5.10	34.46 2.30 -1.94	34.17 2.27 -1.68	29.14 1.75 0.00	27.95 1.71 0.00	26.78 1.63 0.00
INDIAN POINT_GT_3 24019	31.57 1.56 0.00	31.50 1.64 0.00	30.88 1.30 0.00	30.82 1.33 0.00	30.91 1.30 0.00	31.36 1.44 0.00	32.39 1.78 0.00	31.23 1.80 0.00	30.46 1.59 0.00	26.91 1.35 0.00	25.64 1.36 0.00	24.87 1.30 0.00	24.01 1.32 0.00	22.31 1.22 0.00	22.63 1.24 0.00	24.43 1.34 0.00	28.70 1.57 0.00	34.45 2.34 0.00	37.62 2.27 -5.10	34.46 2.30 -1.94	34.17 2.27 -1.68	29.14 1.75 0.00	27.95 1.71 0.00	26.78 1.63 0.00
INDIAN POINT___2 23530	31.54 1.53 0.00	31.21 1.34 0.00	30.82 1.24 0.00	30.76 1.27 0.00	30.88 1.27 0.00	31.30 1.38 0.00	32.27 1.65 0.00	31.14 1.71 0.00	30.43 1.56 0.00	26.89 1.33 0.00	25.61 1.33 0.00	24.84 1.27 0.00	23.99 1.29 0.00	22.29 1.20 0.00	22.58 1.20 0.00	24.40 1.32 0.00	28.67 1.55 0.00	34.42 2.31 0.00	37.51 2.21 -5.05	34.38 2.24 -1.92	34.09 2.21 -1.66	29.08 1.70 0.00	27.92 1.68 0.00	26.75 1.61 0.00
INDIAN POINT___3 23531	31.54 1.53 0.00	31.47 1.61 0.00	30.85 1.27 0.00	30.79 1.30 0.00	30.91 1.30 0.00	31.33 1.41 0.00	32.39 1.78 0.00	31.20 1.77 0.00	30.43 1.56 0.00	26.91 1.35 0.00	25.64 1.36 0.00	24.84 1.27 0.00	24.01 1.32 0.00	22.31 1.22 0.00	22.61 1.22 0.00	24.43 1.34 0.00	28.68 1.55 0.00	34.42 2.31 0.00	37.60 2.24 -5.11	34.40 2.24 -1.94	34.14 2.24 -1.68	29.11 1.73 0.00	27.92 1.68 0.00	26.75 1.61 0.00
INGHAM_C_115KV_TB7 356103	31.24 1.23 0.00	31.11 1.25 0.00	30.73 1.15 0.00	30.64 1.15 0.00	30.80 1.18 0.00	31.18 1.26 0.00	31.97 1.35 0.00	30.67 1.24 0.00	29.99 1.13 0.00	26.56 1.00 0.00	25.22 0.95 0.00	24.49 0.92 0.00	23.58 0.89 0.00	21.89 0.80 0.00	22.20 0.81 0.00	23.85 0.76 0.00	28.00 0.87 0.00	33.20 1.09 0.00	31.25 1.00 0.00	31.13 0.91 0.00	31.16 0.94 0.00	28.29 0.90 0.00	27.13 0.89 0.00	26.00 0.85 0.00
IP CORINTH___1 23988	31.72 1.71 0.00	31.59 1.73 0.00	31.09 1.51 0.00	31.15 1.65 0.00	31.21 1.60 0.00	31.69 1.77 0.00	32.55 1.93 0.00	31.17 1.74 0.00	30.25 1.39 0.00	26.66 1.10 0.00	25.25 0.97 0.00	24.56 0.99 0.00	23.65 0.95 0.00	21.93 0.84 0.00	22.22 0.83 0.00	24.13 1.04 0.00	28.65 1.52 0.00	34.29 2.18 0.00	38.95 2.12 -6.58	34.75 2.02 -2.50	34.44 2.06 -2.17	29.11 1.73 0.00	27.79 1.55 0.00	26.53 1.38 0.00
IP___TICONDEROGA 23804	32.86 2.85 0.00	32.76 2.90 0.00	32.18 2.60 0.00	32.33 2.83 0.00	32.42 2.81 0.00	32.94 3.02 0.00	33.83 3.21 0.00	32.29 2.85 0.00	31.18 2.31 0.00	27.35 1.79 0.00	25.88 1.60 0.00	25.17 1.60 0.00	24.22 1.52 0.00	22.44 1.35 0.00	22.69 1.30 0.00	24.70 1.62 0.00	29.54 2.41 0.00	35.58 3.47 0.00	40.15 3.33 -6.57	35.89 3.17 -2.50	35.62 3.23 -2.17	30.18 2.79 0.00	28.73 2.49 0.00	27.38 2.24 0.00
ISLIP_RES_REC 323679	32.68 2.67 0.00	32.34 2.48 0.00	31.86 2.28 0.00	31.65 2.15 0.00	31.92 2.31 0.00	32.37 2.45 0.00	33.22 2.60 0.00	32.64 2.85 -0.35	31.44 2.57 0.00	27.63 2.07 0.00	26.46 2.19 0.00	25.57 2.00 0.00	24.83 2.13 0.00	22.98 1.90 0.00	23.31 1.93 0.00	27.62 2.19 -2.34	31.66 2.66 -1.87	43.23 3.76 -7.37	48.16 3.45 -14.46	43.53 3.47 -9.83	39.80 3.53 -6.05	36.32 2.90 -6.03	32.74 2.83 -3.67	29.25 2.66 -1.44



JAMAICA__27_KV_LOAD 355505	31.87 1.86 0.00	31.77 1.91 0.00	31.15 1.57 0.00	31.03 1.53 0.00	31.21 1.60 0.00	31.66 1.74 0.00	32.85 2.24 0.00	31.67 2.24 0.00	30.92 2.05 0.00	27.32 1.76 0.00	26.07 1.80 0.00	25.32 1.74 0.00	24.42 1.73 0.00	22.71 1.62 0.00	23.03 1.65 0.00	24.87 1.78 0.00	29.22 2.09 0.00	35.16 3.05 0.00	38.29 2.87 -5.17	35.09 2.90 -1.97	34.80 2.87 -1.70	29.55 2.16 0.00	28.37 2.13 0.00	27.23 2.09 0.00
JANIS__SOLAR 323808	31.72 1.71 0.00	31.38 1.52 0.00	31.09 1.51 0.00	30.91 1.42 0.00	31.12 1.51 0.00	31.56 1.64 0.00	32.38 1.74 -0.02	30.65 1.26 0.05	29.84 0.95 -0.02	26.11 0.69 0.14	24.78 0.56 0.06	24.06 0.50 0.00	23.06 0.39 0.02	21.38 0.30 0.00	21.77 0.39 0.00	23.46 0.39 0.02	27.47 0.68 0.33	33.64 1.32 -0.21	33.19 1.45 -1.49	31.97 1.18 -0.57	31.87 1.24 -0.41	28.33 0.93 -0.01	27.14 0.89 -0.01	25.97 0.83 0.00
JARVIS____ 23743	30.25 0.24 0.00	30.07 0.21 0.00	29.76 0.18 0.00	29.70 0.21 0.00	29.82 0.21 0.00	30.16 0.24 0.00	30.89 0.27 0.00	29.70 0.26 0.00	29.07 0.20 0.00	25.74 0.18 0.00	24.45 0.17 0.00	23.71 0.14 0.00	22.86 0.16 0.00	21.23 0.15 0.00	21.54 0.15 0.00	23.25 0.16 0.00	27.32 0.19 0.00	32.43 0.32 0.00	30.59 0.33 0.00	30.52 0.30 0.00	30.52 0.30 0.00	27.60 0.22 0.00	26.45 0.21 0.00	25.34 0.20 0.00
JENNISON____1 23625	32.14 2.13 0.00	31.98 2.12 0.00	31.47 1.89 0.00	31.29 1.80 0.00	31.51 1.90 0.00	31.95 2.03 0.00	32.86 2.24 -0.01	31.06 1.74 0.10	30.23 1.44 0.08	26.59 1.15 0.11	25.30 1.07 0.05	24.56 0.99 0.00	23.61 0.93 0.02	21.89 0.80 0.00	22.24 0.86 0.00	23.95 0.88 0.02	27.99 1.14 0.28	34.03 1.80 -0.12	34.04 1.91 -1.88	32.54 1.60 -0.72	32.46 1.69 -0.55	28.73 1.34 0.00	27.56 1.31 -0.01	26.40 1.26 0.00
JENNISON____2 23626	32.14 2.13 0.00	31.98 2.12 0.00	31.47 1.89 0.00	31.29 1.80 0.00	31.51 1.90 0.00	31.95 2.03 0.00	32.86 2.24 -0.01	31.06 1.74 0.10	30.23 1.44 0.08	26.59 1.15 0.11	25.30 1.07 0.05	24.56 0.99 0.00	23.61 0.93 0.02	21.89 0.80 0.00	22.24 0.86 0.00	23.95 0.88 0.02	27.99 1.14 0.28	34.03 1.80 -0.12	34.04 1.91 -1.88	32.54 1.60 -0.72	32.46 1.69 -0.55	28.73 1.34 0.00	27.56 1.31 -0.01	26.40 1.26 0.00
JERICOHO_RISE_WT_PWR 323719	30.28 0.27 0.00	30.31 0.45 0.00	30.05 0.47 0.00	29.91 0.41 0.00	30.03 0.41 0.00	30.13 0.21 0.00	30.68 0.06 0.00	29.52 0.09 0.00	29.07 0.20 0.00	25.89 0.33 0.00	24.64 0.36 0.00	23.97 0.40 0.00	23.04 0.34 0.00	21.32 0.23 0.00	21.58 0.19 0.00	23.27 0.18 0.00	27.37 0.24 0.00	31.92 -0.19 0.00	29.83 -0.42 0.00	29.68 -0.54 0.00	29.62 -0.60 0.00	26.98 -0.41 0.00	25.79 -0.45 0.00	24.74 -0.40 0.00
KATONAH__115KV_46KV_TB4 355592	31.84 1.83 0.00	31.80 1.94 0.00	31.18 1.60 0.00	31.12 1.62 0.00	31.15 1.54 0.00	31.57 1.65 0.00	32.61 1.99 0.00	31.46 2.03 0.00	30.66 1.79 0.00	27.12 1.56 0.00	25.83 1.55 0.00	25.03 1.46 0.00	24.15 1.45 0.00	22.41 1.33 0.00	22.74 1.35 0.00	24.59 1.50 0.00	28.92 1.79 0.00	34.74 2.63 0.00	38.02 2.51 -5.26	34.76 2.54 -2.00	34.43 2.48 -1.73	29.36 1.97 0.00	28.13 1.89 0.00	26.93 1.79 0.00
KCE_NY_1 323755	31.69 1.68 0.00	31.47 1.61 0.00	31.09 1.51 0.00	31.12 1.62 0.00	31.18 1.57 0.00	31.62 1.70 0.00	32.46 1.84 0.00	31.14 1.71 0.00	30.28 1.41 0.00	26.74 1.18 0.00	25.32 1.04 0.00	24.63 1.06 0.00	23.74 1.04 0.00	22.04 0.95 0.00	22.33 0.94 0.00	24.20 1.11 0.00	28.62 1.49 0.00	34.20 2.09 0.00	38.84 2.03 -6.56	34.68 1.96 -2.49	34.35 1.96 -2.16	29.06 1.67 0.00	27.76 1.52 0.00	26.58 1.43 0.00
KCE_NY_6_ESR 323823	27.94 -2.07 0.00	27.38 -2.48 0.00	27.16 -2.43 0.00	26.96 -2.54 0.00	26.98 -2.64 0.00	27.26 -2.66 0.00	27.55 -3.06 0.01	24.12 -3.85 1.45	22.87 -3.98 2.02	21.76 -3.42 0.37	21.00 -3.13 0.15	20.97 -2.59 0.01	19.90 -2.75 0.05	18.53 -2.55 0.00	18.99 -2.39 0.00	19.87 -3.16 0.05	22.27 -3.93 0.93	26.91 -4.46 0.74	27.04 -3.93 -0.72	26.42 -4.08 -0.28	26.09 -4.14 0.00	23.56 -3.81 0.02	23.05 -3.18 0.02	22.43 -2.72 0.00
KEDC_PORT_JEFF_GT2 24210	32.53 2.52 0.00	32.19 2.33 0.00	31.71 2.13 0.00	31.53 2.03 0.00	31.80 2.19 0.00	32.26 2.34 0.00	33.10 2.48 0.00	32.52 2.74 -0.35	31.32 2.45 0.00	27.55 1.99 0.00	26.39 2.11 0.00	25.50 1.93 0.00	24.76 2.07 0.00	22.92 1.83 0.00	23.25 1.86 0.00	27.55 2.12 -2.34	31.55 2.55 -1.87	43.07 3.60 -7.37	48.79 3.30 -15.24	43.96 3.32 -10.42	39.65 3.38 -6.05	36.18 2.76 -6.03	32.64 2.73 -3.67	29.15 2.57 -1.44
KEDC_PORT_JEFF_GT3 24211	32.53 2.52 0.00	32.19 2.33 0.00	31.71 2.13 0.00	31.53 2.03 0.00	31.80 2.19 0.00	32.26 2.34 0.00	33.10 2.48 0.00	32.52 2.74 -0.35	31.32 2.45 0.00	27.55 1.99 0.00	26.39 2.11 0.00	25.50 1.93 0.00	24.76 2.07 0.00	22.92 1.83 0.00	23.25 1.86 0.00	27.55 2.12 -2.34	31.55 2.55 -1.87	43.07 3.60 -7.37	48.79 3.30 -15.24	43.96 3.32 -10.42	39.65 3.38 -6.05	36.18 2.76 -6.03	32.64 2.73 -3.67	29.15 2.57 -1.44
KEDC_GLWD_GT4 24219	32.29 2.28 0.00	31.95 2.09 0.00	31.50 1.92 0.00	31.39 1.89 0.00	31.60 1.98 0.00	32.05 2.12 0.00	32.98 2.36 0.00	32.29 2.50 -0.36	31.15 2.28 0.00	27.45 1.89 0.00	26.20 1.92 0.00	25.36 1.79 0.00	24.58 1.88 0.00	22.78 1.69 0.00	23.12 1.73 0.00	27.37 1.94 -2.34	31.28 2.28 -1.87	42.46 2.99 -7.37	44.56 2.84 -11.46	40.69 2.87 -7.60	39.32 3.05 -6.05	35.85 2.44 -6.03	32.29 2.39 -3.67	28.87 2.29 -1.44
KEDC_GLWD_GT5 24220	32.29 2.28 0.00	31.95 2.09 0.00	31.50 1.92 0.00	31.39 1.89 0.00	31.60 1.98 0.00	32.05 2.12 0.00	32.98 2.36 0.00	32.29 2.50 -0.36	31.15 2.28 0.00	27.45 1.89 0.00	26.20 1.92 0.00	25.36 1.79 0.00	24.58 1.88 0.00	22.78 1.69 0.00	23.12 1.73 0.00	27.37 1.94 -2.34	31.28 2.28 -1.87	42.46 2.99 -7.37	44.56 2.84 -11.46	40.69 2.87 -7.60	39.32 3.05 -6.05	35.85 2.44 -6.03	32.29 2.39 -3.67	28.87 2.29 -1.44
KENSICO____ 23655	31.66 1.65 0.00	31.56 1.70 0.00	30.97 1.39 0.00	30.88 1.39 0.00	31.00 1.39 0.00	31.42 1.50 0.00	32.52 1.90 0.00	31.31 1.88 0.00	30.54 1.67 0.00	27.02 1.46 0.00	25.73 1.46 0.00	24.96 1.39 0.00	24.10 1.41 0.00	22.39 1.31 0.00	22.71 1.33 0.00	24.52 1.43 0.00	28.81 1.68 0.00	34.58 2.47 0.00	37.76 2.36 -5.15	34.57 2.39 -1.96	34.28 2.36 -1.70	29.22 1.83 0.00	28.03 1.78 0.00	26.88 1.73 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.90 1.89 0.00	31.83 1.97 0.00	31.15 1.57 0.00	31.06 1.56 0.00	31.21 1.60 0.00	31.60 1.68 0.00	32.70 2.08 0.00	31.34 1.91 0.00	30.51 1.65 0.00	26.86 1.30 0.00	25.56 1.29 0.00	24.75 1.18 0.00	23.86 1.16 0.00	22.16 1.08 0.00	22.50 1.11 0.00	24.36 1.27 0.00	28.73 1.60 0.00	34.61 2.50 0.00	37.60 2.45 -4.90	34.53 2.45 -1.86	34.26 2.42 -1.62	29.22 1.83 0.00	28.00 1.76 0.00	26.83 1.68 0.00



KIAC_JFK_GT1 23816	31.78 1.77 0.00	31.68 1.82 0.00	31.06 1.48 0.00	30.94 1.45 0.00	31.12 1.51 0.00	31.57 1.65 0.00	32.73 2.11 0.00	31.58 2.15 0.00	30.80 1.93 0.00	27.25 1.69 0.00	26.00 1.72 0.00	25.24 1.67 0.00	24.35 1.66 0.00	22.65 1.56 0.00	22.97 1.58 0.00	24.80 1.71 0.00	29.11 1.98 0.00	35.06 2.95 0.00	38.17 2.75 -5.17	35.00 2.81 -1.97	34.71 2.78 -1.70	29.47 2.08 0.00	28.29 2.05 0.00	27.15 2.01 0.00
KIAC_JFK_GT2 23817	31.78 1.77 0.00	31.68 1.82 0.00	31.06 1.48 0.00	30.94 1.45 0.00	31.12 1.51 0.00	31.57 1.65 0.00	32.73 2.11 0.00	31.58 2.15 0.00	30.80 1.93 0.00	27.25 1.69 0.00	26.00 1.72 0.00	25.24 1.67 0.00	24.35 1.66 0.00	22.65 1.56 0.00	22.97 1.58 0.00	24.80 1.71 0.00	29.11 1.98 0.00	35.06 2.95 0.00	38.17 2.75 -5.17	35.00 2.81 -1.97	34.71 2.78 -1.70	29.47 2.08 0.00	28.29 2.05 0.00	27.15 2.01 0.00
KIAC_JFK____ 323774	31.78 1.77 0.00	31.44 1.58 0.00	31.03 1.45 0.00	30.94 1.44 0.00	31.12 1.51 0.00	31.56 1.64 0.00	32.64 2.02 0.00	31.55 2.12 0.00	30.83 1.96 0.00	27.25 1.69 0.00	26.00 1.72 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.65 1.56 0.00	22.97 1.58 0.00	24.80 1.71 0.00	29.11 1.98 0.00	35.06 2.95 0.00	38.17 2.75 -5.17	35.00 2.81 -1.97	34.70 2.78 -1.70	29.47 2.08 0.00	28.31 2.07 0.00	27.16 2.01 0.00
KINTIGH____ 23543	27.49 -2.52 0.00	27.41 -2.45 0.00	26.83 -2.75 0.00	26.63 -2.86 0.00	26.68 -2.93 0.00	26.96 -2.96 0.00	27.51 -3.09 0.01	24.80 -3.36 1.28	23.70 -3.41 1.76	22.21 -2.99 0.36	21.45 -2.67 0.16	20.85 -2.71 0.01	19.89 -2.75 0.06	18.47 -2.61 0.00	18.95 -2.44 0.00	20.31 -2.72 0.06	22.87 -3.39 0.87	27.64 -3.85 0.61	27.80 -3.27 -0.82	27.12 -3.42 -0.31	26.76 -3.51 -0.05	24.08 -3.29 0.02	23.15 -3.07 0.02	22.43 -2.72 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	30.91 0.90 0.00	30.70 0.84 0.00	30.65 1.06 0.00	30.50 1.00 0.00	30.62 1.01 0.00	30.76 0.84 0.00	31.26 0.64 0.00	30.11 0.68 0.00	29.59 0.72 0.00	26.38 0.82 0.00	25.10 0.83 0.00	24.40 0.82 0.00	23.47 0.77 0.00	21.66 0.57 0.00	21.94 0.56 0.00	23.66 0.58 0.00	27.89 0.76 0.00	32.56 0.45 0.00	30.43 0.18 0.00	30.22 0.00 0.00	30.16 -0.06 0.00	27.39 0.00 0.00	26.19 -0.05 0.00	25.12 -0.03 0.00
LACHUTE____HYDRO 323717	32.86 2.85 0.00	32.61 2.75 0.00	32.18 2.60 0.00	32.33 2.83 0.00	32.43 2.81 0.00	32.94 3.02 0.00	33.77 3.15 0.00	32.26 2.83 0.00	31.18 2.31 0.00	27.35 1.79 0.00	25.88 1.60 0.00	25.17 1.60 0.00	24.22 1.52 0.00	22.44 1.35 0.00	22.69 1.30 0.00	24.70 1.62 0.00	29.54 2.41 0.00	35.58 3.47 0.00	40.15 3.33 -6.57	35.89 3.17 -2.50	35.62 3.24 -2.17	30.18 2.79 0.00	28.63 2.39 0.00	27.38 2.24 0.00
LAWRNCALV_115KV_TB1 80681	29.71 -0.30 0.00	29.47 -0.39 0.00	29.52 -0.06 0.00	29.44 -0.06 0.00	29.55 -0.06 0.00	29.62 -0.30 0.00	30.10 -0.52 0.00	29.02 -0.41 0.00	28.55 -0.32 0.00	25.38 -0.18 0.00	24.13 -0.15 0.00	23.55 -0.02 0.00	22.58 -0.11 0.00	20.98 -0.11 0.00	21.24 -0.15 0.00	22.93 -0.16 0.00	26.83 -0.30 0.00	31.37 -0.74 0.00	29.43 -0.82 0.00	29.32 -0.91 0.00	29.32 -0.91 0.00	26.70 -0.68 0.00	25.64 -0.60 0.00	24.59 -0.55 0.00
LEDERLE____ 23769	31.63 1.62 0.00	31.53 1.67 0.00	30.94 1.36 0.00	30.88 1.39 0.00	30.97 1.36 0.00	31.39 1.47 0.00	32.49 1.87 0.00	31.26 1.82 0.00	30.49 1.62 0.00	26.94 1.38 0.00	25.66 1.38 0.00	24.89 1.32 0.00	24.01 1.32 0.00	22.31 1.22 0.00	22.63 1.24 0.00	24.43 1.34 0.00	28.73 1.60 0.00	34.52 2.41 0.00	37.57 2.33 -4.98	34.47 2.36 -1.90	34.19 2.33 -1.64	29.19 1.81 0.00	27.97 1.73 0.00	26.80 1.66 0.00
LIGHTHSE_115KV_TB6 355974	29.38 -0.63 0.00	29.23 -0.63 0.00	28.87 -0.71 0.00	28.76 -0.74 0.00	28.93 -0.68 0.00	29.29 -0.63 0.00	30.07 -0.55 0.00	28.70 -0.74 0.00	28.09 -0.78 0.00	24.89 -0.66 0.00	23.65 -0.63 0.00	22.86 -0.71 0.00	21.95 -0.75 0.00	20.39 -0.70 0.00	20.70 -0.68 0.00	22.35 -0.74 0.00	26.26 -0.87 0.00	31.31 -0.80 0.00	30.07 -0.64 -0.46	29.61 -0.79 -0.17	29.68 -0.70 -0.15	26.62 -0.77 0.00	25.45 -0.79 0.00	24.34 -0.80 0.00
LINDEN COGEN____ 23786	31.60 1.59 0.00	31.23 1.37 0.00	30.85 1.27 0.00	30.79 1.30 0.00	30.94 1.33 0.00	31.36 1.44 0.00	32.39 1.78 0.00	31.32 1.89 0.00	30.60 1.73 0.00	27.07 1.51 0.00	25.81 1.53 0.00	25.06 1.49 0.00	24.20 1.50 0.00	22.50 1.41 0.00	22.80 1.41 0.00	24.61 1.52 0.00	28.89 1.76 0.00	34.71 2.60 0.00	37.87 2.45 -5.17	34.69 2.51 -1.97	34.37 2.45 -1.70	29.25 1.86 0.00	28.13 1.89 0.00	26.95 1.81 0.00
LINDHRST_69_KV_BK1 356055	32.56 2.55 0.00	32.46 2.60 0.00	31.77 2.19 0.00	31.56 2.06 0.00	31.80 2.19 0.00	32.25 2.33 0.00	33.34 2.73 0.00	32.55 2.77 -0.35	31.32 2.45 0.00	27.60 2.04 0.00	26.37 2.09 0.00	25.50 1.93 0.00	24.74 2.04 0.00	22.92 1.83 0.00	23.27 1.88 0.00	27.57 2.15 -2.34	31.52 2.52 -1.87	43.04 3.56 -7.37	45.25 3.33 -11.67	41.33 3.35 -7.75	39.62 3.35 -6.05	36.13 2.71 -6.03	32.53 2.62 -3.67	29.10 2.51 -1.44
LIPA_MISC_IPP 23656	32.41 2.40 0.00	32.34 2.48 0.00	31.65 2.07 0.00	31.41 1.92 0.00	31.68 2.07 0.00	32.13 2.21 0.00	33.13 2.51 0.00	32.40 2.62 -0.35	31.21 2.34 0.00	27.45 1.89 0.00	26.32 2.04 0.00	25.43 1.86 0.00	24.67 1.97 0.00	22.86 1.77 0.00	23.14 1.75 0.00	27.43 2.01 -2.34	31.44 2.44 -1.87	42.91 3.44 -7.37	48.37 3.15 -14.98	43.61 3.17 -10.22	39.53 3.26 -6.05	36.07 2.66 -6.03	32.50 2.60 -3.67	29.07 2.49 -1.44
LISF____SOLAR 323691	32.47 2.46 0.00	32.13 2.27 0.00	31.65 2.07 0.00	31.47 1.98 0.00	31.74 2.13 0.00	32.19 2.27 0.00	32.98 2.36 0.00	32.44 2.65 -0.35	31.26 2.39 0.00	27.48 1.92 0.00	26.34 2.06 0.00	25.46 1.89 0.00	24.72 2.02 0.00	22.88 1.79 0.00	23.18 1.80 0.00	27.48 2.05 -2.34	31.49 2.49 -1.87	43.01 3.53 -7.37	48.44 3.24 -14.95	43.65 3.24 -10.20	39.59 3.32 -6.05	36.15 2.74 -6.03	32.61 2.70 -3.67	29.12 2.54 -1.44
LITTLE FALLS____HYD 24013	31.24 1.23 0.00	31.11 1.25 0.00	30.73 1.15 0.00	30.64 1.15 0.00	30.80 1.18 0.00	31.18 1.26 0.00	31.97 1.35 0.00	30.67 1.24 0.00	29.99 1.13 0.00	26.56 1.00 0.00	25.22 0.95 0.00	24.49 0.92 0.00	23.58 0.89 0.00	21.89 0.80 0.00	22.20 0.81 0.00	23.85 0.76 0.00	28.00 0.87 0.00	33.20 1.09 0.00	31.25 1.00 0.00	31.13 0.91 0.00	31.16 0.94 0.00	28.29 0.90 0.00	27.13 0.89 0.00	26.00 0.85 0.00
LITTLRIV_115KV_TB1 356100	30.07 0.06 0.00	29.83 -0.03 0.00	29.88 0.30 0.00	29.76 0.27 0.00	29.94 0.33 0.00	30.01 0.09 0.00	30.47 -0.15 0.00	29.37 -0.06 0.00	28.90 0.03 0.00	25.69 0.13 0.00	24.40 0.12 0.00	23.81 0.24 0.00	22.83 0.14 0.00	21.21 0.13 0.00	21.47 0.09 0.00	23.18 0.09 0.00	27.16 0.03 0.00	31.79 -0.32 0.00	29.83 -0.42 0.00	29.65 -0.57 0.00	29.71 -0.51 0.00	27.03 -0.36 0.00	25.93 -0.31 0.00	24.87 -0.28 0.00



LI_NEWBRDGE___DRP 323616	32.05 2.04 0.00	31.95 2.09 0.00	31.30 1.72 0.00	31.15 1.65 0.00	31.33 1.72 0.00	31.77 1.86 0.00	32.85 2.24 0.00	32.05 2.27 -0.35	30.89 2.02 0.00	27.25 1.69 0.00	26.00 1.72 0.00	25.17 1.60 0.00	24.38 1.68 0.00	22.63 1.54 0.00	22.95 1.56 0.00	27.18 1.75 -2.34	31.03 2.03 -1.87	42.40 2.92 -7.37	44.47 2.78 -11.44	40.58 2.78 -7.58	39.05 2.78 -6.05	35.61 2.19 -6.03	32.06 2.15 -3.67	28.64 2.06 -1.44
LOCKPORT_115KV_TB60_63_64 80432	27.34 -2.67 0.00	27.26 -2.60 0.00	26.62 -2.96 0.00	26.37 -3.13 0.00	26.38 -3.23 0.00	26.66 -3.26 0.00	27.08 -3.52 0.01	23.73 -4.18 1.52	22.55 -4.19 2.13	21.50 -3.68 0.38	20.82 -3.30 0.15	20.50 -3.06 0.01	19.49 -3.15 0.06	18.09 -2.99 0.00	18.59 -2.80 0.00	19.75 -3.28 0.06	22.01 -4.18 0.94	26.53 -4.78 0.80	26.77 -4.17 -0.69	26.20 -4.29 -0.26	25.83 -4.38 0.01	23.31 -4.05 0.02	22.63 -3.60 0.02	22.03 -3.12 0.00
LOCKPORT___CC1 323769	27.31 -2.70 0.00	26.81 -3.05 0.00	26.56 -3.02 0.00	26.37 -3.13 0.00	26.38 -3.23 0.00	26.63 -3.29 0.00	27.02 -3.58 0.01	23.69 -4.21 1.53	22.43 -4.30 2.13	21.50 -3.68 0.38	20.80 -3.33 0.15	20.48 -3.09 0.01	19.46 -3.18 0.06	18.09 -2.99 0.00	18.59 -2.80 0.00	19.71 -3.32 0.06	21.98 -4.20 0.95	26.49 -4.82 0.80	26.76 -4.17 -0.69	26.16 -4.32 -0.26	25.79 -4.41 0.01	23.31 -4.05 0.02	22.60 -3.62 0.02	21.97 -3.17 0.00
LOCKPORT___CC2 323770	27.31 -2.70 0.00	26.81 -3.05 0.00	26.56 -3.02 0.00	26.37 -3.13 0.00	26.38 -3.23 0.00	26.63 -3.29 0.00	27.02 -3.58 0.01	23.69 -4.21 1.53	22.43 -4.30 2.13	21.50 -3.68 0.38	20.80 -3.33 0.15	20.48 -3.09 0.01	19.46 -3.18 0.06	18.09 -2.99 0.00	18.59 -2.80 0.00	19.71 -3.32 0.06	21.98 -4.20 0.95	26.49 -4.82 0.80	26.76 -4.17 -0.69	26.16 -4.32 -0.26	25.79 -4.41 0.01	23.31 -4.05 0.02	22.60 -3.62 0.02	21.97 -3.17 0.00
LOCKPORT___CC3 323771	27.31 -2.70 0.00	26.81 -3.05 0.00	26.56 -3.02 0.00	26.37 -3.13 0.00	26.38 -3.23 0.00	26.63 -3.29 0.00	27.02 -3.58 0.01	23.69 -4.21 1.53	22.43 -4.30 2.13	21.50 -3.68 0.38	20.80 -3.33 0.15	20.48 -3.09 0.01	19.46 -3.18 0.06	18.09 -2.99 0.00	18.59 -2.80 0.00	19.71 -3.32 0.06	21.98 -4.20 0.95	26.49 -4.82 0.80	26.76 -4.17 -0.69	26.16 -4.32 -0.26	25.79 -4.41 0.01	23.31 -4.05 0.02	22.60 -3.62 0.02	21.97 -3.17 0.00
LONG_LAKE_PHOENIX 24014	29.02 -0.99 0.00	28.87 -0.99 0.00	28.52 -1.06 0.00	28.37 -1.12 0.00	28.54 -1.07 0.00	28.87 -1.05 0.00	29.61 -1.01 0.00	28.44 -1.09 -0.10	27.87 -1.13 -0.12	24.58 -1.02 -0.05	23.33 -0.97 -0.02	22.58 -0.99 0.00	21.71 -1.00 -0.01	20.16 -0.93 0.00	20.47 -0.92 0.00	22.10 -0.99 -0.01	26.10 -1.14 -0.12	30.96 -1.16 -0.01	29.80 -0.97 -0.51	29.39 -1.03 -0.20	29.39 -1.03 -0.20	26.37 -1.01 0.00	25.24 -1.00 0.00	24.16 -0.98 0.00
LOVETT___3 23632	31.51 1.50 0.00	31.41 1.55 0.00	30.82 1.24 0.00	30.73 1.24 0.00	30.85 1.24 0.00	31.27 1.35 0.00	32.33 1.71 0.00	31.14 1.71 0.00	30.37 1.50 0.00	26.86 1.30 0.00	25.59 1.31 0.00	24.82 1.25 0.00	23.97 1.27 0.00	22.27 1.18 0.00	22.56 1.18 0.00	24.36 1.27 0.00	28.62 1.49 0.00	34.36 2.25 0.00	37.43 2.18 -5.00	34.33 2.21 -1.90	34.05 2.18 -1.65	29.06 1.67 0.00	27.87 1.63 0.00	26.70 1.56 0.00
LOVETT___4 23642	31.51 1.50 0.00	31.41 1.55 0.00	30.82 1.24 0.00	30.73 1.24 0.00	30.85 1.24 0.00	31.27 1.35 0.00	32.33 1.71 0.00	31.14 1.71 0.00	30.37 1.50 0.00	26.86 1.30 0.00	25.59 1.31 0.00	24.82 1.25 0.00	23.97 1.27 0.00	22.27 1.18 0.00	22.56 1.18 0.00	24.36 1.27 0.00	28.62 1.49 0.00	34.36 2.25 0.00	37.43 2.18 -5.00	34.33 2.21 -1.90	34.05 2.18 -1.65	29.06 1.67 0.00	27.87 1.63 0.00	26.70 1.56 0.00
LOVETT___5 23593	31.51 1.50 0.00	31.41 1.55 0.00	30.82 1.24 0.00	30.73 1.24 0.00	30.85 1.24 0.00	31.27 1.35 0.00	32.33 1.71 0.00	31.14 1.71 0.00	30.37 1.50 0.00	26.86 1.30 0.00	25.59 1.31 0.00	24.82 1.25 0.00	23.97 1.27 0.00	22.27 1.18 0.00	22.56 1.18 0.00	24.36 1.27 0.00	28.62 1.49 0.00	34.36 2.25 0.00	37.43 2.18 -5.00	34.33 2.21 -1.90	34.05 2.18 -1.65	29.06 1.67 0.00	27.87 1.63 0.00	26.70 1.56 0.00
LOWER RAQUET___HYD 24057	29.62 -0.39 0.00	29.65 -0.21 0.00	29.46 -0.12 0.00	29.32 -0.18 0.00	29.49 -0.12 0.00	29.50 -0.42 0.00	30.07 -0.55 0.00	28.93 -0.50 0.00	28.46 -0.40 0.00	25.30 -0.26 0.00	24.03 -0.24 0.00	23.43 -0.14 0.00	22.49 -0.20 0.00	20.88 -0.21 0.00	21.15 -0.23 0.00	22.81 -0.28 0.00	26.72 -0.41 0.00	31.24 -0.87 0.00	29.40 -0.94 -0.09	29.23 -1.03 -0.03	29.22 -1.03 -0.03	26.57 -0.82 0.00	25.53 -0.71 0.00	24.49 -0.65 0.00
LOWER___HUDSON 24059	31.30 1.29 0.00	31.06 1.20 0.00	30.70 1.12 0.00	30.68 1.18 0.00	30.74 1.12 0.00	31.21 1.29 0.00	32.03 1.41 0.00	30.81 1.38 0.00	30.05 1.18 0.00	26.58 1.02 0.00	25.18 0.90 0.00	24.49 0.92 0.00	23.63 0.93 0.00	21.93 0.84 0.00	22.22 0.83 0.00	24.08 0.99 0.00	28.38 1.25 0.00	33.78 1.67 0.00	38.34 1.63 -6.45	34.28 1.60 -2.45	33.95 1.60 -2.13	28.73 1.34 0.00	27.47 1.23 0.00	26.30 1.16 0.00
LOWVILLE_115KV_TB2 356335	30.46 0.45 0.00	30.28 0.42 0.00	29.97 0.38 0.00	29.85 0.35 0.00	30.08 0.47 0.00	30.43 0.51 0.00	31.20 0.58 0.00	29.75 0.41 0.09	29.10 0.35 0.11	25.85 0.33 0.04	24.55 0.29 0.02	23.78 0.21 0.00	22.53 -0.16 0.01	20.92 -0.17 0.00	21.22 -0.17 0.00	22.94 -0.14 0.01	26.92 -0.11 0.10	32.13 0.03 0.01	30.59 0.12 -0.22	30.15 -0.15 -0.08	30.21 -0.06 -0.04	27.19 -0.19 0.00	26.00 -0.24 0.00	24.87 -0.28 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	31.69 1.68 0.00	31.59 1.73 0.00	31.09 1.51 0.00	31.09 1.59 0.00	31.15 1.54 0.00	31.63 1.71 0.00	32.49 1.87 0.00	31.14 1.71 0.00	30.25 1.39 0.00	26.71 1.15 0.00	25.32 1.04 0.00	24.61 1.04 0.00	23.72 1.02 0.00	22.01 0.93 0.00	22.31 0.92 0.00	24.20 1.11 0.00	28.62 1.49 0.00	34.20 2.09 0.00	38.81 2.00 -6.56	34.65 1.93 -2.49	34.32 1.93 -2.16	29.06 1.67 0.00	27.79 1.55 0.00	26.55 1.41 0.00
LUTHERNY_35_KV_BK2 355980	31.69 1.68 0.00	31.59 1.73 0.00	31.09 1.51 0.00	31.12 1.62 0.00	31.18 1.57 0.00	31.63 1.71 0.00	32.52 1.90 0.00	31.14 1.71 0.00	30.28 1.41 0.00	26.73 1.18 0.00	25.32 1.04 0.00	24.63 1.06 0.00	23.74 1.04 0.00	22.03 0.95 0.00	22.33 0.94 0.00	24.20 1.11 0.00	28.62 1.49 0.00	34.20 2.09 0.00	38.84 2.03 -6.56	34.68 1.96 -2.49	34.35 1.96 -2.16	29.06 1.67 0.00	27.79 1.55 0.00	26.58 1.43 0.00
LWR___OSWEGATCHIE_HYD 23850	29.83 -0.18 0.00	29.59 -0.27 0.00	29.46 -0.12 0.00	29.38 -0.12 0.00	29.55 -0.06 0.00	29.74 -0.18 0.00	30.37 -0.24 0.00	29.17 -0.26 0.00	28.64 -0.23 0.00	25.41 -0.15 0.00	24.13 -0.15 0.00	23.43 -0.14 0.00	22.38 -0.32 0.00	20.77 -0.32 0.00	21.07 -0.32 0.00	22.74 -0.35 0.00	26.72 -0.41 0.00	31.53 -0.58 0.00	29.84 -0.57 -0.16	29.53 -0.76 -0.06	29.55 -0.73 -0.05	26.73 -0.66 0.00	25.61 -0.63 0.00	24.51 -0.63 0.00



LYONS_FALL_HYD 23570	30.67 0.66 0.00	30.46 0.60 0.00	30.14 0.56 0.00	30.03 0.53 0.00	30.23 0.62 0.00	30.61 0.69 0.00	31.38 0.77 0.00	29.94 0.62 0.11	29.26 0.52 0.13	25.97 0.46 0.05	24.69 0.44 0.02	23.92 0.35 0.00	22.80 0.11 0.01	21.19 0.11 0.00	21.50 0.11 0.00	23.22 0.14 0.01	27.22 0.22 0.12	32.52 0.42 0.01	30.94 0.48 -0.20	30.54 0.24 -0.08	30.59 0.33 -0.03	27.55 0.17 0.00	26.37 0.13 0.00	25.24 0.10 0.00
MADISON___COUNTY_LFGE 323628	30.88 0.87 0.00	30.73 0.87 0.00	30.35 0.77 0.00	30.20 0.71 0.00	30.41 0.80 0.00	30.82 0.90 0.00	31.63 1.01 0.00	29.99 0.79 0.24	29.24 0.66 0.29	26.01 0.56 0.11	24.76 0.53 0.05	23.99 0.42 0.00	23.07 0.39 0.02	21.42 0.34 0.00	21.75 0.36 0.00	23.46 0.39 0.02	27.37 0.52 0.27	32.89 0.80 0.02	31.48 0.88 -0.35	31.05 0.70 -0.13	31.02 0.76 -0.05	27.96 0.58 0.00	26.77 0.52 0.00	25.65 0.50 0.00
MALONE___115KV_TB1 356076	30.58 0.57 0.00	30.37 0.51 0.00	30.35 0.77 0.00	30.23 0.74 0.00	30.35 0.74 0.00	30.46 0.54 0.00	30.96 0.34 0.00	29.81 0.38 0.00	29.33 0.46 0.00	26.15 0.59 0.00	24.86 0.58 0.00	24.18 0.61 0.00	23.24 0.54 0.00	21.51 0.42 0.00	21.75 0.36 0.00	23.46 0.37 0.00	27.62 0.49 0.00	32.24 0.13 0.00	30.13 -0.12 0.00	29.95 -0.27 0.00	29.92 -0.30 0.00	27.19 -0.19 0.00	26.03 -0.21 0.00	24.97 -0.18 0.00
MAPLEWOD_115KV_TB3 80458	31.09 1.08 0.00	30.99 1.13 0.00	30.50 0.92 0.00	30.44 0.94 0.00	30.56 0.95 0.00	31.00 1.08 0.00	31.87 1.26 0.00	30.64 1.21 0.00	29.94 1.07 0.00	26.50 0.95 0.00	25.08 0.80 0.00	24.37 0.80 0.00	23.54 0.84 0.00	21.85 0.76 0.00	22.14 0.75 0.00	23.97 0.88 0.00	28.21 1.09 0.00	33.56 1.44 0.00	38.03 1.36 -6.41	34.02 1.36 -2.44	33.70 1.36 -2.11	28.54 1.15 0.00	27.34 1.10 0.00	26.12 0.98 0.00
MAPLE RIDGE_WT_1 323574	29.92 -0.09 0.00	29.80 -0.06 0.00	29.52 -0.06 0.00	29.38 -0.12 0.00	29.46 -0.15 0.00	29.65 -0.27 0.00	30.25 -0.37 0.00	29.11 -0.32 0.00	28.61 -0.26 0.00	25.41 -0.15 0.00	24.13 -0.14 0.00	23.41 -0.16 0.00	22.49 -0.20 0.00	20.90 -0.19 0.00	21.17 -0.21 0.00	22.83 -0.25 0.00	26.78 -0.35 0.00	31.40 -0.71 0.00	29.37 -0.88 0.00	29.28 -0.94 0.00	29.25 -0.97 0.00	26.59 -0.80 0.00	25.45 -0.79 0.00	24.41 -0.73 0.00
MAPLE RIDGE_WT_2 323611	29.92 -0.09 0.00	29.80 -0.06 0.00	29.52 -0.06 0.00	29.38 -0.12 0.00	29.46 -0.15 0.00	29.65 -0.27 0.00	30.25 -0.37 0.00	29.11 -0.32 0.00	28.61 -0.26 0.00	25.41 -0.15 0.00	24.13 -0.14 0.00	23.41 -0.16 0.00	22.49 -0.20 0.00	20.90 -0.19 0.00	21.17 -0.21 0.00	22.83 -0.25 0.00	26.78 -0.35 0.00	31.40 -0.71 0.00	29.37 -0.88 0.00	29.28 -0.94 0.00	29.25 -0.97 0.00	26.59 -0.80 0.00	25.45 -0.79 0.00	24.41 -0.73 0.00
MARBLE_RIVER_WT_PWR 323696	30.34 0.33 0.00	30.37 0.51 0.00	30.11 0.53 0.00	29.96 0.47 0.00	30.08 0.47 0.00	30.22 0.30 0.00	30.74 0.12 0.00	29.58 0.15 0.00	29.13 0.26 0.00	25.94 0.38 0.00	24.69 0.41 0.00	24.00 0.42 0.00	23.08 0.39 0.00	21.34 0.25 0.00	21.60 0.21 0.00	23.30 0.21 0.00	27.40 0.27 0.00	31.98 -0.13 0.00	29.92 -0.33 0.00	29.74 -0.48 0.00	29.68 -0.54 0.00	26.98 -0.41 0.00	25.82 -0.42 0.00	24.77 -0.38 0.00
MARSHVLE_115KV_TB1 80742	31.75 1.74 0.00	31.68 1.82 0.00	31.15 1.57 0.00	31.15 1.65 0.00	31.27 1.66 0.00	31.75 1.83 0.00	32.67 2.05 0.00	31.12 1.77 0.08	30.15 1.39 0.10	26.55 1.02 0.04	25.21 0.95 0.02	24.49 0.92 0.00	23.58 0.89 0.01	21.87 0.78 0.00	22.20 0.81 0.00	24.08 0.99 0.01	28.56 1.52 0.09	34.41 2.31 0.01	39.85 2.09 -7.51	35.01 1.93 -2.86	34.64 1.96 -2.45	29.14 1.75 0.00	27.79 1.55 0.00	26.53 1.38 0.00
MARSH_HILL_WT_PWR 323713	31.18 1.17 0.00	30.73 0.87 0.00	30.47 0.89 0.00	30.29 0.80 0.00	30.44 0.83 0.00	30.82 0.90 0.00	31.41 0.77 -0.02	29.60 0.26 0.10	28.92 0.03 -0.02	25.24 -0.08 0.24	24.03 -0.14 0.10	23.57 0.00 0.01	22.46 -0.20 0.04	20.83 -0.25 0.00	21.15 -0.23 0.00	22.54 -0.51 0.04	25.99 -0.54 0.60	32.26 -0.22 -0.37	31.41 -0.03 -1.19	30.52 -0.15 -0.45	30.25 -0.21 -0.24	27.07 -0.33 -0.01	26.07 -0.18 -0.02	24.94 -0.20 0.00
MCINTYRE_115KV_TB2 80467	30.40 0.39 0.00	30.16 0.30 0.00	30.20 0.62 0.00	30.11 0.62 0.00	30.26 0.65 0.00	30.37 0.45 0.00	30.80 0.18 0.00	29.70 0.26 0.00	29.21 0.35 0.00	25.97 0.41 0.00	24.67 0.39 0.00	24.04 0.47 0.00	23.08 0.39 0.00	21.44 0.36 0.00	21.71 0.32 0.00	23.43 0.35 0.00	27.48 0.35 0.00	32.11 0.00 0.00	30.16 -0.09 0.00	30.01 -0.21 0.00	30.04 -0.18 0.00	27.36 -0.03 0.00	26.24 0.00 0.00	25.17 0.03 0.00
MECO_____69_KV_BK1 80468	33.37 3.36 0.00	33.32 3.46 0.00	32.72 3.14 0.00	32.86 3.36 0.00	32.90 3.29 0.00	33.45 3.53 0.00	34.41 3.80 0.00	32.69 3.27 0.01	31.49 2.63 0.01	27.53 1.97 0.00	26.07 1.80 0.00	25.36 1.79 0.00	24.38 1.68 0.00	22.60 1.52 0.00	22.97 1.58 0.00	25.05 1.96 0.00	30.03 2.90 0.00	36.25 4.14 0.00	41.37 3.90 -7.22	36.65 3.69 -2.75	36.32 3.72 -2.38	30.70 3.31 0.00	29.21 2.97 0.00	27.83 2.69 0.00
MENANDS___115KV_TB5 355628	30.94 0.93 0.00	30.82 0.96 0.00	30.35 0.77 0.00	30.29 0.80 0.00	30.38 0.77 0.00	30.85 0.93 0.00	31.72 1.10 0.00	30.52 1.09 0.00	29.85 0.98 0.00	26.45 0.89 0.00	24.98 0.70 0.00	24.30 0.73 0.00	23.47 0.77 0.00	21.78 0.70 0.00	22.07 0.68 0.00	23.90 0.81 0.00	28.08 0.95 0.00	33.36 1.25 0.00	37.86 1.21 -6.40	33.83 1.18 -2.43	33.51 1.18 -2.11	28.37 0.99 0.00	27.21 0.97 0.00	26.00 0.85 0.00
MG INDUSTRY___DRP 24185	30.97 0.96 0.00	30.88 1.02 0.00	30.44 0.86 0.00	30.41 0.91 0.00	30.50 0.89 0.00	30.91 0.99 0.00	31.75 1.13 0.00	30.49 1.06 0.00	29.79 0.92 0.00	26.38 0.82 0.00	24.93 0.66 0.00	24.25 0.68 0.00	23.38 0.68 0.00	21.72 0.63 0.00	22.01 0.62 0.00	23.83 0.74 0.00	28.02 0.90 0.00	33.33 1.22 0.00	37.67 1.15 -6.26	33.75 1.15 -2.38	33.44 1.15 -2.07	28.37 0.99 0.00	27.21 0.97 0.00	26.00 0.85 0.00
MID___OSWEGATCHIE_HYD 23849	29.83 -0.18 0.00	29.59 -0.27 0.00	29.46 -0.12 0.00	29.38 -0.12 0.00	29.55 -0.06 0.00	29.74 -0.18 0.00	30.37 -0.24 0.00	29.17 -0.26 0.00	28.64 -0.23 0.00	25.41 -0.15 0.00	24.13 -0.15 0.00	23.43 -0.14 0.00	22.38 -0.32 0.00	20.77 -0.32 0.00	21.07 -0.32 0.00	22.74 -0.35 0.00	26.72 -0.41 0.00	31.53 -0.58 0.00	29.84 -0.57 -0.16	29.53 -0.76 -0.06	29.55 -0.73 -0.05	26.73 -0.66 0.00	25.61 -0.63 0.00	24.51 -0.63 0.00
MID___RAQUETTE_HYD 23851	29.62 -0.39 0.00	29.38 -0.48 0.00	29.43 -0.15 0.00	29.32 -0.18 0.00	29.49 -0.12 0.00	29.50 -0.42 0.00	29.98 -0.64 0.00	28.90 -0.53 0.00	28.46 -0.40 0.00	25.30 -0.26 0.00	24.03 -0.24 0.00	23.45 -0.12 0.00	22.49 -0.20 0.00	20.88 -0.21 0.00	21.15 -0.24 0.00	22.81 -0.28 0.00	26.72 -0.41 0.00	31.24 -0.87 0.00	29.40 -0.94 -0.09	29.23 -1.03 -0.03	29.22 -1.03 -0.03	26.56 -0.82 0.00	25.53 -0.71 0.00	24.49 -0.65 0.00



MILLIKEN___1 23584	30.46 0.45 0.00	30.31 0.45 0.00	29.88 0.30 0.00	29.73 0.24 0.00	29.91 0.30 0.00	30.28 0.36 0.00	31.13 0.49 -0.02	29.61 0.21 0.03	28.99 0.06 -0.06	25.39 -0.03 0.15	24.17 -0.05 0.06	23.50 -0.07 0.00	22.54 -0.14 0.02	20.94 -0.15 0.00	21.28 -0.11 0.00	22.93 -0.14 0.02	26.68 -0.08 0.36	32.56 0.19 -0.26	31.75 0.36 -1.14	30.93 0.27 -0.43	30.78 0.27 -0.28	27.50 0.11 -0.01	26.36 0.10 -0.01	25.22 0.08 0.00
MILLIKEN___2 23585	30.46 0.45 0.00	30.31 0.45 0.00	29.88 0.30 0.00	29.73 0.24 0.00	29.91 0.30 0.00	30.28 0.36 0.00	31.13 0.49 -0.02	29.61 0.21 0.03	28.99 0.06 -0.06	25.39 -0.03 0.15	24.17 -0.05 0.06	23.50 -0.07 0.00	22.54 -0.14 0.02	20.94 -0.15 0.00	21.28 -0.11 0.00	22.93 -0.14 0.02	26.68 -0.08 0.36	32.56 0.19 -0.26	31.75 0.36 -1.14	30.93 0.27 -0.43	30.78 0.27 -0.28	27.50 0.11 -0.01	26.36 0.10 -0.01	25.22 0.08 0.00
MILLIKEN___DIESEL 23629	30.46 0.45 0.00	30.31 0.45 0.00	29.88 0.30 0.00	29.73 0.24 0.00	29.91 0.30 0.00	30.28 0.36 0.00	31.13 0.49 -0.02	29.61 0.21 0.03	28.99 0.06 -0.06	25.39 -0.03 0.15	24.17 -0.05 0.06	23.50 -0.07 0.00	22.54 -0.14 0.02	20.94 -0.15 0.00	21.28 -0.11 0.00	22.93 -0.14 0.02	26.68 -0.08 0.36	32.56 0.19 -0.26	31.75 0.36 -1.14	30.93 0.27 -0.43	30.78 0.27 -0.28	27.50 0.11 -0.01	26.36 0.10 -0.01	25.22 0.08 0.00
MILLSEAT___LFGE 323607	27.91 -2.10 0.00	27.41 -2.45 0.00	27.16 -2.43 0.00	26.93 -2.57 0.00	27.00 -2.61 0.00	27.29 -2.63 0.00	27.69 -2.91 0.01	24.41 -3.50 1.52	23.17 -3.58 2.12	22.09 -3.09 0.38	21.33 -2.79 0.16	20.95 -2.62 0.01	19.92 -2.72 0.06	18.49 -2.59 0.00	18.97 -2.42 0.00	20.21 -2.82 0.06	22.61 -3.58 0.93	27.30 -4.01 0.80	27.56 -3.39 -0.69	26.98 -3.51 -0.27	26.62 -3.60 0.01	23.99 -3.37 0.02	23.20 -3.02 0.02	22.45 -2.69 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.60 1.59 0.00	31.53 1.67 0.00	30.94 1.36 0.00	30.85 1.36 0.00	30.97 1.36 0.00	31.39 1.47 0.00	32.46 1.84 0.00	31.26 1.82 0.00	30.49 1.62 0.00	26.96 1.41 0.00	25.69 1.41 0.00	24.91 1.34 0.00	24.06 1.36 0.00	22.33 1.24 0.00	22.65 1.26 0.00	24.47 1.39 0.00	28.76 1.63 0.00	34.52 2.41 0.00	37.66 2.30 -5.11	34.49 2.33 -1.94	34.20 2.30 -1.69	29.17 1.78 0.00	27.97 1.73 0.00	26.80 1.66 0.00
MILLWOOD_13_KV_LOAD 356217	31.69 1.68 0.00	31.62 1.76 0.00	31.00 1.42 0.00	30.94 1.45 0.00	31.03 1.42 0.00	31.45 1.53 0.00	32.52 1.90 0.00	31.31 1.88 0.00	30.54 1.67 0.00	27.02 1.46 0.00	25.73 1.46 0.00	24.94 1.37 0.00	24.08 1.38 0.00	22.37 1.29 0.00	22.69 1.30 0.00	24.52 1.43 0.00	28.81 1.68 0.00	34.61 2.50 0.00	37.76 2.39 -5.11	34.58 2.42 -1.94	34.29 2.39 -1.69	29.25 1.86 0.00	28.03 1.78 0.00	26.88 1.73 0.00
MODEL_CITY_ENERGY 24167	27.04 -2.97 0.00	26.52 -3.34 0.00	26.30 -3.28 0.00	26.10 -3.39 0.00	26.06 -3.55 0.00	26.33 -3.59 0.00	26.75 -3.86 0.01	23.40 -4.50 1.53	22.15 -4.59 2.13	21.27 -3.91 0.38	20.58 -3.55 0.15	20.26 -3.30 0.01	19.26 -3.38 0.05	17.90 -3.18 0.00	18.39 -2.99 0.00	19.52 -3.51 0.05	21.76 -4.42 0.95	26.21 -5.11 0.80	26.49 -4.45 -0.68	25.92 -4.56 -0.26	25.55 -4.65 0.01	23.09 -4.27 0.02	22.36 -3.86 0.02	21.77 -3.37 0.00
MODERN_LFGE___ 323580	27.04 -2.97 0.00	26.52 -3.34 0.00	26.30 -3.28 0.00	26.10 -3.39 0.00	26.06 -3.55 0.00	26.33 -3.59 0.00	26.75 -3.86 0.01	23.40 -4.50 1.53	22.15 -4.59 2.13	21.27 -3.91 0.38	20.58 -3.55 0.15	20.26 -3.30 0.01	19.26 -3.38 0.05	17.90 -3.18 0.00	18.39 -2.99 0.00	19.52 -3.51 0.05	21.76 -4.42 0.95	26.21 -5.11 0.80	26.49 -4.45 -0.68	25.92 -4.56 -0.26	25.55 -4.65 0.01	23.09 -4.27 0.02	22.36 -3.86 0.02	21.77 -3.37 0.00
MOHAWK_PAPER___DRP 24187	31.09 1.08 0.00	30.99 1.13 0.00	30.50 0.92 0.00	30.44 0.94 0.00	30.56 0.95 0.00	31.00 1.08 0.00	31.87 1.26 0.00	30.64 1.21 0.00	29.94 1.07 0.00	26.50 0.95 0.00	25.08 0.80 0.00	24.37 0.80 0.00	23.54 0.84 0.00	21.85 0.76 0.00	22.14 0.75 0.00	23.97 0.88 0.00	28.21 1.09 0.00	33.56 1.44 0.00	38.03 1.36 -6.41	34.02 1.36 -2.44	33.70 1.36 -2.11	28.54 1.15 0.00	27.34 1.10 0.00	26.12 0.98 0.00
MOHICAN___35_KV_115KV_LD 80490	31.90 1.89 0.00	31.80 1.94 0.00	31.27 1.69 0.00	31.32 1.83 0.00	31.39 1.78 0.00	31.86 1.94 0.00	32.76 2.14 0.00	31.34 1.91 0.00	30.40 1.53 0.00	26.79 1.23 0.00	25.37 1.09 0.00	24.68 1.11 0.00	23.76 1.07 0.00	22.03 0.95 0.00	22.33 0.94 0.00	24.24 1.15 0.00	28.78 1.65 0.00	34.49 2.38 0.00	39.12 2.30 -6.57	34.92 2.21 -2.50	34.62 2.24 -2.16	29.28 1.89 0.00	27.95 1.71 0.00	26.68 1.53 0.00
MONGAUP___HYD 23641	31.21 1.20 0.00	30.88 1.02 0.00	30.50 0.92 0.00	30.47 0.97 0.00	30.59 0.98 0.00	30.97 1.05 0.00	31.90 1.29 0.00	30.67 1.24 0.00	29.88 1.01 0.00	26.30 0.74 0.00	25.18 0.90 0.00	24.40 0.82 0.00	23.51 0.82 0.00	21.84 0.76 0.00	22.16 0.77 0.00	24.01 0.92 0.00	28.16 1.03 0.00	33.84 1.73 0.00	36.75 1.75 -4.75	33.75 1.72 -1.80	33.48 1.69 -1.56	28.84 1.45 0.00	27.66 1.42 0.00	26.25 1.11 0.00
MONTAUK___DIESEL 23721	33.28 3.27 0.00	33.20 3.34 0.00	32.48 2.90 0.00	32.21 2.71 0.00	32.51 2.90 0.00	33.03 3.11 0.00	34.11 3.49 0.00	33.41 3.62 -0.35	32.13 3.26 0.00	28.19 2.63 0.00	27.00 2.72 0.00	26.07 2.50 0.00	25.31 2.61 0.00	23.38 2.30 0.00	23.65 2.27 0.00	28.03 2.61 -2.34	32.15 3.15 -1.87	43.97 4.50 -7.37	49.37 4.14 -14.97	44.61 4.17 -10.21	40.47 4.20 -6.05	36.89 3.48 -6.03	33.21 3.31 -3.67	29.75 3.17 -1.44
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.78 -1.23 0.00	28.64 -1.22 0.00	27.89 -1.69 0.00	27.61 -1.89 0.00	27.54 -2.07 0.00	27.68 -2.24 0.00	27.98 -2.63 0.01	24.49 -3.62 1.32	23.26 -3.78 1.83	21.80 -3.40 0.36	20.98 -3.16 0.14	21.06 -2.50 0.01	20.01 -2.63 0.05	18.53 -2.55 0.00	18.95 -2.44 0.00	19.85 -3.19 0.05	22.12 -4.12 0.89	26.82 -4.66 0.64	26.83 -4.20 -0.79	26.14 -4.38 -0.30	25.84 -4.41 -0.04	23.32 -4.05 0.02	22.92 -3.31 0.01	22.30 -2.84 0.00
MORTIMER_115KV_TB3 55949	28.39 -1.62 0.00	28.28 -1.58 0.00	27.78 -1.80 0.00	27.58 -1.92 0.00	27.69 -1.92 0.00	28.01 -1.91 0.00	28.61 -1.99 0.02	25.73 -2.21 1.49	24.56 -2.22 2.09	23.18 -2.02 0.36	22.35 -1.77 0.16	21.70 -1.86 0.01	20.73 -1.91 0.06	19.27 -1.81 0.00	19.68 -1.71 0.00	21.18 -1.85 0.06	23.96 -2.28 0.89	28.80 -2.50 0.81	28.91 -2.06 -0.72	28.35 -2.15 -0.27	27.99 -2.24 -0.01	25.22 -2.14 0.03	24.17 -2.05 0.03	23.28 -1.86 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.75 1.74 0.00	31.65 1.79 0.00	31.03 1.45 0.00	30.94 1.45 0.00	31.09 1.48 0.00	31.51 1.59 0.00	32.64 2.02 0.00	31.43 2.00 0.00	30.69 1.82 0.00	27.14 1.58 0.00	25.88 1.60 0.00	25.10 1.53 0.00	24.24 1.54 0.00	22.54 1.45 0.00	22.86 1.48 0.00	24.68 1.59 0.00	28.95 1.82 0.00	34.81 2.70 0.00	37.96 2.54 -5.17	34.76 2.57 -1.97	34.46 2.54 -1.70	29.33 1.94 0.00	28.18 1.94 0.00	27.03 1.89 0.00



MUNSVILLE_WIND_PWR 323609	33.28 3.27 0.00	32.91 3.05 0.00	32.57 2.99 0.00	32.30 2.80 0.00	32.57 2.96 0.00	33.09 3.17 0.00	33.94 3.31 -0.01	32.03 2.68 0.08	31.12 2.28 0.03	27.28 1.84 0.12	25.90 1.67 0.05	25.08 1.51 0.00	24.06 1.38 0.02	22.27 1.18 0.00	22.61 1.22 0.00	24.34 1.27 0.02	28.53 1.71 0.31	34.88 2.60 -0.17	34.66 2.72 -1.69	33.01 2.15 -0.64	33.03 2.33 -0.48	29.26 1.86 -0.01	28.03 1.79 -0.01	26.88 1.73 0.00
N SALMON___HYD 24042	30.58 0.57 0.00	30.61 0.75 0.00	30.38 0.80 0.00	30.23 0.74 0.00	30.35 0.74 0.00	30.46 0.54 0.00	31.02 0.40 0.00	29.87 0.44 0.00	29.33 0.46 0.00	26.15 0.59 0.00	24.86 0.58 0.00	24.18 0.61 0.00	23.27 0.57 0.00	21.51 0.42 0.00	21.75 0.36 0.00	23.46 0.37 0.00	27.62 0.49 0.00	32.24 0.13 0.00	30.13 -0.12 0.00	29.95 -0.27 0.00	29.92 -0.30 0.00	27.20 -0.19 0.00	26.03 -0.21 0.00	24.97 -0.17 0.00
N.AKRON___115KV_KNAPP 355671	27.91 -2.10 0.00	27.80 -2.06 0.00	27.18 -2.40 0.00	26.93 -2.57 0.00	26.98 -2.64 0.00	27.26 -2.66 0.00	27.73 -2.88 0.01	24.44 -3.47 1.52	23.22 -3.52 2.12	22.06 -3.12 0.38	21.33 -2.79 0.16	20.95 -2.62 0.01	19.92 -2.72 0.06	18.49 -2.59 0.00	18.97 -2.42 0.00	20.24 -2.79 0.06	22.61 -3.58 0.94	27.30 -4.01 0.80	27.50 -3.45 -0.69	26.95 -3.54 -0.27	26.59 -3.63 0.01	23.97 -3.40 0.02	23.20 -3.02 0.02	22.50 -2.64 0.00
N.BELMOR_69_KV_BK1 55787	32.29 2.28 0.00	32.19 2.33 0.00	31.53 1.95 0.00	31.35 1.86 0.00	31.57 1.95 0.00	32.01 2.09 0.00	33.13 2.51 0.00	32.32 2.53 -0.35	31.12 2.25 0.00	27.45 1.89 0.00	26.20 1.92 0.00	25.36 1.79 0.00	24.56 1.86 0.00	22.77 1.69 0.00	23.12 1.73 0.00	27.36 1.94 -2.34	31.28 2.28 -1.87	42.69 3.21 -7.37	44.77 3.06 -11.46	40.90 3.08 -7.60	39.32 3.05 -6.05	35.85 2.44 -6.03	32.27 2.36 -3.67	28.87 2.29 -1.44
N.E_GEN_SANDY PD 24062	31.39 1.38 0.00	31.14 1.28 0.00	30.77 1.18 0.00	30.73 1.24 0.00	30.83 1.21 0.00	31.30 1.38 0.00	31.57 1.53 0.58	31.57 1.56 -0.58	30.25 1.39 0.00	26.79 1.23 0.00	25.39 1.12 0.00	24.68 1.11 0.00	23.83 1.13 0.00	22.14 1.05 0.00	22.44 1.05 0.00	24.30 1.18 -0.04	29.72 1.41 -1.18	37.00 1.93 -2.96	37.95 1.85 -5.86	34.78 1.84 -2.72	36.00 1.84 -3.93	31.78 1.51 -2.89	27.68 1.44 0.00	26.50 1.36 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.54 1.53 0.00	31.47 1.61 0.00	30.85 1.27 0.00	30.79 1.30 0.00	30.91 1.30 0.00	31.33 1.41 0.00	32.39 1.78 0.00	31.17 1.74 0.00	30.43 1.56 0.00	26.89 1.33 0.00	25.61 1.34 0.00	24.82 1.25 0.00	23.97 1.27 0.00	22.27 1.18 0.00	22.59 1.20 0.00	24.38 1.29 0.00	28.65 1.52 0.00	34.42 2.31 0.00	37.48 2.24 -4.99	34.39 2.27 -1.90	34.10 2.24 -1.65	29.11 1.73 0.00	27.89 1.65 0.00	26.75 1.61 0.00
N.QUEENS_27_KV_LOAD 356247	31.78 1.77 0.00	31.77 1.91 0.00	31.09 1.51 0.00	30.94 1.45 0.00	31.15 1.54 0.00	31.45 1.53 0.00	32.61 1.99 0.00	31.43 2.00 0.00	30.69 1.82 0.00	27.17 1.61 0.00	25.88 1.60 0.00	25.13 1.56 0.00	24.26 1.57 0.00	22.56 1.48 0.00	22.88 1.50 0.00	24.70 1.62 0.01	28.97 1.84 0.00	34.84 2.73 0.00	37.99 2.57 -5.17	34.76 2.57 -1.97	34.46 2.54 -1.70	29.27 1.89 0.01	28.24 1.99 0.00	27.09 1.94 -0.01
N.TROY___115KV_TB1 355778	31.30 1.29 0.00	31.20 1.34 0.00	30.71 1.12 0.00	30.67 1.18 0.00	30.74 1.13 0.00	31.21 1.29 0.00	32.09 1.47 0.00	30.84 1.41 0.00	30.05 1.18 0.00	26.58 1.02 0.00	25.18 0.90 0.00	24.49 0.92 0.00	23.63 0.93 0.00	21.93 0.84 0.00	22.22 0.83 0.00	24.08 0.99 0.00	28.38 1.25 0.00	33.78 1.67 0.00	38.34 1.63 -6.45	34.28 1.60 -2.45	33.95 1.60 -2.13	28.73 1.34 0.00	27.50 1.26 0.00	26.30 1.16 0.00
NARROWS_GT1_1 24228	32.03 2.01 -0.01	31.69 1.82 -0.01	31.27 1.69 0.00	31.17 1.68 0.00	31.37 1.75 -0.01	31.68 1.76 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.61 2.69 -1.70	41.13 2.05 -11.69	28.45 2.20 -0.01	27.31 2.11 -0.06
NARROWS_GT1_2 24229	32.03 2.01 -0.01	31.69 1.82 -0.01	31.27 1.69 0.00	31.17 1.68 0.00	31.37 1.75 -0.01	31.68 1.76 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.61 2.69 -1.70	41.13 2.05 -11.69	28.45 2.20 -0.01	27.31 2.11 -0.06
NARROWS_GT1_3 24230	32.03 2.01 -0.01	31.69 1.82 -0.01	31.27 1.69 0.00	31.17 1.68 0.00	31.37 1.75 -0.01	31.68 1.76 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.61 2.69 -1.70	41.13 2.05 -11.69	28.45 2.20 -0.01	27.31 2.11 -0.06
NARROWS_GT1_4 24231	32.03 2.01 -0.01	31.69 1.82 -0.01	31.27 1.69 0.00	31.17 1.68 0.00	31.37 1.75 -0.01	31.68 1.76 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.61 2.69 -1.70	41.13 2.05 -11.69	28.45 2.20 -0.01	27.31 2.11 -0.06
NARROWS_GT1_5 24232	32.03 2.01 -0.01	31.69 1.82 -0.01	31.27 1.69 0.00	31.17 1.68 0.00	31.37 1.75 -0.01	31.68 1.76 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.61 2.69 -1.70	41.13 2.05 -11.69	28.45 2.20 -0.01	27.31 2.11 -0.06
NARROWS_GT1_6 24233	32.03 2.01 -0.01	31.69 1.82 -0.01	31.27 1.69 0.00	31.17 1.68 0.00	31.37 1.75 -0.01	31.68 1.76 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.61 2.69 -1.70	41.13 2.05 -11.69	28.45 2.20 -0.01	27.31 2.11 -0.06
NARROWS_GT1_7 24234	32.03 2.01 -0.01	31.69 1.82 -0.01	31.27 1.69 0.00	31.17 1.68 0.00	31.37 1.75 -0.01	31.68 1.76 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.61 2.69 -1.70	41.13 2.05 -11.69	28.45 2.20 -0.01	27.31 2.11 -0.06



NARROWS_GT1_8 24235	32.03 2.01 -0.01	31.69 1.82 -0.01	31.27 1.69 0.00	31.17 1.68 0.00	31.37 1.75 -0.01	31.68 1.76 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.61 2.69 -1.70	41.13 2.05 -11.69	28.45 2.20 -0.01	27.31 2.11 -0.06
NARROWS_GT2_1 24236	32.03 2.01 -0.01	31.69 1.82 -0.01	31.27 1.69 0.00	31.17 1.68 0.00	31.37 1.75 -0.01	31.68 1.76 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.61 2.69 -1.70	41.13 2.05 -11.69	28.45 2.20 -0.01	27.31 2.11 -0.06
NARROWS_GT2_2 24237	32.03 2.01 -0.01	31.69 1.82 -0.01	31.27 1.69 0.00	31.17 1.68 0.00	31.37 1.75 -0.01	31.68 1.76 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.61 2.69 -1.70	41.13 2.05 -11.69	28.45 2.20 -0.01	27.31 2.11 -0.06
NARROWS_GT2_3 24238	32.03 2.01 -0.01	31.69 1.82 -0.01	31.27 1.69 0.00	31.17 1.68 0.00	31.37 1.75 -0.01	31.68 1.76 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.61 2.69 -1.70	41.13 2.05 -11.69	28.45 2.20 -0.01	27.31 2.11 -0.06
NARROWS_GT2_4 24239	32.03 2.01 -0.01	31.69 1.82 -0.01	31.27 1.69 0.00	31.17 1.68 0.00	31.37 1.75 -0.01	31.68 1.76 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.61 2.69 -1.70	41.13 2.05 -11.69	28.45 2.20 -0.01	27.31 2.11 -0.06
NARROWS_GT2_5 24240	32.03 2.01 -0.01	31.69 1.82 -0.01	31.27 1.69 0.00	31.17 1.68 0.00	31.37 1.75 -0.01	31.68 1.76 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.61 2.69 -1.70	41.13 2.05 -11.69	28.45 2.20 -0.01	27.31 2.11 -0.06
NARROWS_GT2_6 24241	32.03 2.01 -0.01	31.69 1.82 -0.01	31.27 1.69 0.00	31.17 1.68 0.00	31.37 1.75 -0.01	31.68 1.76 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.61 2.69 -1.70	41.13 2.05 -11.69	28.45 2.20 -0.01	27.31 2.11 -0.06
NARROWS_GT2_7 24242	32.03 2.01 -0.01	31.69 1.82 -0.01	31.27 1.69 0.00	31.17 1.68 0.00	31.37 1.75 -0.01	31.68 1.76 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.61 2.69 -1.70	41.13 2.05 -11.69	28.45 2.20 -0.01	27.31 2.11 -0.06
NARROWS_GT2_8 24243	32.03 2.01 -0.01	31.69 1.82 -0.01	31.27 1.69 0.00	31.17 1.68 0.00	31.37 1.75 -0.01	31.68 1.76 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.61 2.69 -1.70	41.13 2.05 -11.69	28.45 2.20 -0.01	27.31 2.11 -0.06
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.54 1.53 0.00	31.47 1.61 0.00	31.03 1.45 0.00	31.00 1.50 0.00	31.12 1.51 0.00	31.54 1.62 0.00	32.42 1.81 0.00	31.05 1.62 0.00	30.28 1.41 0.00	26.68 1.12 0.00	25.10 0.83 0.00	24.35 0.78 0.00	23.47 0.77 0.00	21.78 0.70 0.00	22.09 0.71 0.00	24.01 0.92 0.00	28.43 1.30 0.00	33.94 1.83 0.00	37.92 1.63 -6.04	34.09 1.57 -2.30	33.78 1.57 -1.99	28.84 1.45 0.00	27.63 1.39 0.00	26.35 1.21 0.00
NCHELSEA_115KV_TR2 355582	31.96 1.95 0.00	31.89 2.03 0.00	31.12 1.54 0.00	31.06 1.56 0.00	31.15 1.54 0.00	31.57 1.65 0.00	32.61 1.99 0.00	31.34 1.91 0.00	30.54 1.67 0.00	26.96 1.41 0.00	25.66 1.38 0.00	24.84 1.27 0.00	23.97 1.27 0.00	22.27 1.18 0.00	22.59 1.20 0.00	24.45 1.36 0.00	28.78 1.65 0.00	34.58 2.47 0.00	37.87 2.39 -5.22	34.60 2.39 -1.99	34.30 2.36 -1.72	29.22 1.83 0.00	28.03 1.78 0.00	26.83 1.68 0.00
NEG CAPITAL___MECHNVIL 23645	31.69 1.68 0.00	31.44 1.58 0.00	31.06 1.48 0.00	31.06 1.56 0.00	31.15 1.54 0.00	31.62 1.70 0.00	32.42 1.81 0.00	31.11 1.68 0.00	30.28 1.41 0.00	26.74 1.18 0.00	25.34 1.07 0.00	24.63 1.06 0.00	23.74 1.04 0.00	22.04 0.95 0.00	22.33 0.94 0.00	24.22 1.13 0.00	28.65 1.52 0.00	34.23 2.12 0.00	38.81 2.03 -6.53	34.67 1.96 -2.48	34.34 1.96 -2.15	29.06 1.67 0.00	27.76 1.52 0.00	26.55 1.41 0.00
NEG CENTRAL_HIGH_ACRES 23767	28.15 -1.86 0.00	27.80 -2.06 0.00	27.51 -2.07 0.00	27.37 -2.12 0.00	27.51 -2.10 0.00	27.82 -2.10 0.00	28.45 -2.14 0.03	25.50 -2.33 1.60	24.25 -2.34 2.28	23.13 -2.10 0.33	22.24 -1.89 0.15	21.58 -1.98 0.01	20.65 -2.00 0.05	19.19 -1.90 0.00	19.57 -1.82 0.00	21.12 -1.92 0.05	23.94 -2.36 0.82	28.54 -2.60 0.97	28.79 -2.18 -0.71	28.26 -2.24 -0.27	27.95 -2.30 -0.02	25.16 -2.19 0.03	24.06 -2.15 0.03	23.11 -2.04 0.00
NEG CENTRAL___DRP 24199	29.80 -0.21 0.00	29.65 -0.21 0.00	29.20 -0.38 0.00	29.02 -0.47 0.00	29.20 -0.41 0.00	29.56 -0.36 0.00	30.38 -0.34 -0.10	30.97 -0.56 -2.10	31.65 -0.66 -3.45	24.70 -0.66 0.20	23.58 -0.61 0.09	22.93 -0.64 0.00	21.96 -0.70 0.03	20.41 -0.67 0.00	20.77 -0.62 0.00	22.34 -0.72 0.03	25.83 -0.81 0.49	33.88 -0.74 -2.51	30.58 -0.45 -0.78	30.01 -0.51 -0.30	29.81 -0.54 -0.13	26.87 -0.60 -0.08	25.75 -0.58 -0.09	24.56 -0.58 0.00
NEG CENTRAL___INDECK 23768	30.52 0.51 0.00	30.07 0.21 0.00	29.79 0.21 0.00	29.61 0.12 0.00	29.82 0.21 0.00	30.16 0.24 0.00	30.81 0.18 -0.01	28.52 -0.29 0.61	27.64 -0.46 0.76	24.72 -0.56 0.28	23.60 -0.56 0.12	22.98 -0.59 0.01	21.93 -0.73 0.04	20.31 -0.78 0.00	20.70 -0.69 0.00	22.28 -0.76 0.04	25.57 -0.87 0.69	31.46 -0.58 0.08	31.05 -0.24 -1.05	30.29 -0.33 -0.40	30.00 -0.39 -0.17	26.86 -0.52 0.00	25.77 -0.47 0.00	24.64 -0.50 0.00



NEG CENTRAL___SENECA 23627	30.07 0.06 0.00	29.89 0.03 0.00	29.43 -0.15 0.00	29.23 -0.27 0.00	29.40 -0.21 0.00	29.77 -0.15 0.00	30.60 -0.18 -0.16	32.62 -0.44 -3.63	34.19 -0.58 -5.90	24.69 -0.61 0.26	23.61 -0.56 0.11	23.00 -0.57 0.01	22.00 -0.66 0.04	20.43 -0.65 0.00	20.79 -0.60 0.00	22.36 -0.69 0.04	25.68 -0.81 0.63	35.54 -0.74 -4.17	30.72 -0.39 -0.86	30.13 -0.42 -0.33	29.86 -0.48 -0.12	26.95 -0.58 -0.14	25.86 -0.52 -0.15	24.62 -0.53 0.00
NEG CENTRAL___STATE_STREET 24147	29.74 -0.27 0.00	29.59 -0.27 0.00	29.17 -0.41 0.00	29.02 -0.47 0.00	29.20 -0.41 0.00	29.56 -0.36 0.00	30.37 -0.28 -0.03	29.23 -0.47 -0.27	28.88 -0.52 -0.54	24.90 -0.51 0.15	23.73 -0.49 0.07	23.05 -0.52 0.00	22.11 -0.57 0.02	20.56 -0.53 0.00	20.90 -0.49 0.00	22.51 -0.55 0.02	26.13 -0.62 0.37	32.20 -0.48 -0.57	30.74 -0.27 -0.76	30.18 -0.33 -0.29	30.01 -0.36 -0.16	26.94 -0.47 -0.02	25.79 -0.47 -0.02	24.64 -0.50 0.00
NEG MILLWOOD___DRP 24198	32.08 2.07 0.00	32.04 2.18 0.00	31.30 1.72 0.00	31.26 1.77 0.00	31.30 1.69 0.00	31.69 1.77 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.74 1.88 0.00	27.14 1.58 0.00	25.86 1.58 0.00	25.03 1.46 0.00	24.13 1.43 0.00	22.41 1.33 0.00	22.74 1.35 0.00	24.59 1.50 0.00	28.97 1.84 0.00	34.81 2.70 -5.27	38.12 2.60 -2.00	34.85 2.63 -1.74	34.53 2.57 0.00	29.44 2.05 0.00	28.18 1.94 0.00	27.00 1.86 0.00
NEG NORTH_FLCN_SEA 23793	30.82 0.81 0.00	30.61 0.75 0.00	30.56 0.98 0.00	30.44 0.94 0.00	30.53 0.92 0.00	30.67 0.75 0.00	31.17 0.55 0.00	30.02 0.59 0.00	29.53 0.66 0.00	26.30 0.74 0.00	25.03 0.75 0.00	24.35 0.78 0.00	23.40 0.70 0.00	21.61 0.53 0.00	21.88 0.49 0.00	23.60 0.51 0.00	27.78 0.65 0.00	32.46 0.35 0.00	30.34 0.09 0.00	30.13 -0.09 0.00	30.07 -0.15 0.00	27.33 -0.05 0.00	26.16 -0.08 0.00	25.09 -0.05 0.00
NEG NORTH_KES_CHATEGAY 23792	30.43 0.42 0.00	30.19 0.33 0.00	30.17 0.59 0.00	30.05 0.56 0.00	30.14 0.53 0.00	30.28 0.36 0.00	30.74 0.12 0.00	29.64 0.21 0.00	29.19 0.32 0.00	25.99 0.43 0.00	24.74 0.46 0.00	24.04 0.47 0.00	23.13 0.43 0.00	21.38 0.30 0.00	21.64 0.26 0.00	23.34 0.25 0.00	27.48 0.35 0.00	32.05 -0.06 0.00	29.95 -0.30 0.00	29.80 -0.42 0.00	29.74 -0.48 0.00	27.06 -0.33 0.00	25.90 -0.34 0.00	24.84 -0.30 0.00
NEG NORTH___ALICE_FALLS 23915	30.91 0.90 0.00	30.70 0.84 0.00	30.65 1.06 0.00	30.50 1.00 0.00	30.62 1.01 0.00	30.76 0.84 0.00	31.26 0.64 0.00	30.11 0.68 0.00	29.59 0.72 0.00	26.38 0.82 0.00	25.10 0.83 0.00	24.40 0.82 0.00	23.47 0.77 0.00	21.66 0.57 0.00	21.94 0.56 0.00	23.66 0.58 0.00	27.89 0.76 0.00	32.56 0.45 0.00	30.43 0.18 0.00	30.22 0.00 0.00	30.16 -0.06 0.00	27.39 0.00 0.00	26.19 -0.05 0.00	25.12 -0.03 0.00
NEG NORTH___LWR_SARANAC 23913	30.91 0.90 0.00	30.70 0.84 0.00	30.65 1.06 0.00	30.50 1.00 0.00	30.62 1.01 0.00	30.76 0.84 0.00	31.26 0.64 0.00	30.11 0.68 0.00	29.59 0.72 0.00	26.38 0.82 0.00	25.10 0.83 0.00	24.40 0.82 0.00	23.47 0.77 0.00	21.66 0.57 0.00	21.94 0.56 0.00	23.66 0.58 0.00	27.89 0.76 0.00	32.56 0.45 0.00	30.43 0.18 0.00	30.22 0.00 0.00	30.16 -0.06 0.00	27.39 0.00 0.00	26.19 -0.05 0.00	25.12 -0.03 0.00
NEG NORTH___PLATTSBURG 23628	30.91 0.90 0.00	30.90 1.04 0.00	30.68 1.10 0.00	30.50 1.00 0.00	30.62 1.01 0.00	30.76 0.84 0.00	31.32 0.70 0.00	30.14 0.71 0.00	29.59 0.72 0.00	26.38 0.82 0.00	25.10 0.83 0.00	24.40 0.82 0.00	23.47 0.77 0.00	21.66 0.57 0.00	21.94 0.56 0.00	23.67 0.58 0.00	27.89 0.76 0.00	32.56 0.45 0.00	30.43 0.18 0.00	30.22 0.00 0.00	30.16 -0.06 0.00	27.39 0.00 0.00	26.19 -0.05 0.00	25.12 -0.03 0.00
NEG WEST_LEA_LOCKPORT 23791	27.31 -2.70 0.00	27.23 -2.63 0.00	26.62 -2.96 0.00	26.37 -3.13 0.00	26.38 -3.23 0.00	26.63 -3.29 0.00	27.08 -3.52 0.01	23.72 -4.18 1.53	22.52 -4.21 2.13	21.50 -3.68 0.38	20.80 -3.33 0.15	20.50 -3.06 0.01	19.49 -3.15 0.06	18.09 -2.99 0.00	18.59 -2.80 0.00	19.75 -3.28 0.06	22.01 -4.18 0.95	26.53 -4.78 0.80	26.76 -4.17 -0.69	26.19 -4.29 -0.26	25.83 -4.38 0.01	23.31 -4.05 0.02	22.60 -3.62 0.02	22.03 -3.12 0.00
NEG WEST___LANCASTR 23811	28.45 -1.56 0.00	28.34 -1.52 0.00	27.72 -1.86 0.00	27.49 -2.01 0.00	27.51 -2.10 0.00	27.77 -2.15 0.00	28.16 -2.45 0.01	24.08 -4.00 1.35	22.96 -4.04 1.87	21.55 -3.65 0.36	20.71 -3.42 0.14	21.47 -2.10 0.01	20.42 -2.22 0.05	18.98 -2.11 0.00	19.42 -1.97 0.00	20.01 -3.02 0.05	22.17 -4.07 0.89	26.92 -4.53 0.66	26.80 -4.24 -0.78	26.29 -4.23 -0.30	26.02 -4.23 -0.03	23.48 -3.89 0.02	23.50 -2.73 0.01	22.93 -2.21 0.00
NEG_PENN_ALLEGHNY 23528	30.13 0.12 0.00	29.77 -0.09 0.00	29.52 -0.06 0.00	29.41 -0.09 0.00	29.52 -0.09 0.00	29.89 -0.03 0.00	30.60 -0.03 -0.01	28.98 -0.29 0.16	28.31 -0.40 0.15	25.04 -0.38 0.14	23.86 -0.36 0.06	23.31 -0.26 0.00	22.36 -0.32 0.02	20.79 -0.30 0.00	21.13 -0.26 0.00	22.63 -0.44 0.02	26.30 -0.49 0.34	31.93 -0.29 -0.11	31.88 -0.12 -1.75	30.71 -0.18 -0.67	30.50 -0.21 -0.49	27.09 -0.30 0.00	26.06 -0.18 -0.01	24.97 -0.17 0.00
NEG___GEN_MONROE 24207	28.30 -1.71 0.00	28.19 -1.67 0.00	27.63 -1.95 0.00	27.46 -2.04 0.00	27.57 -2.04 0.00	27.86 -2.06 0.00	28.46 -2.14 0.02	25.49 -2.44 1.49	24.35 -2.42 2.09	23.02 -2.17 0.36	22.20 -1.92 0.16	21.61 -1.96 0.01	20.60 -2.04 0.06	19.13 -1.96 0.00	19.55 -1.84 0.00	21.00 -2.03 0.06	23.71 -2.52 0.90	28.54 -2.76 0.81	28.67 -2.30 -0.72	28.14 -2.36 -0.27	27.81 -2.42 -0.01	25.06 -2.30 0.03	24.04 -2.18 0.03	23.18 -1.96 0.00
NEPA___ENERGY 23901	28.42 -1.59 0.00	28.31 -1.55 0.00	27.66 -1.92 0.00	27.43 -2.06 0.00	27.42 -2.19 0.00	27.68 -2.24 0.00	28.16 -2.45 0.01	24.78 -3.30 1.35	23.59 -3.41 1.87	22.18 -3.02 0.36	21.39 -2.74 0.14	21.42 -2.14 0.01	20.40 -2.25 0.05	18.94 -2.15 0.00	19.38 -2.01 0.00	20.34 -2.70 0.05	22.71 -3.53 0.89	27.53 -3.92 0.66	27.62 -3.42 -0.78	26.99 -3.54 -0.30	26.66 -3.60 -0.03	24.06 -3.31 0.02	23.52 -2.70 0.01	22.88 -2.26 0.00
NEVERSINK___HYD 23608	31.63 1.62 0.00	31.35 1.49 0.00	30.91 1.33 0.00	30.85 1.36 0.00	31.00 1.39 0.00	31.39 1.47 0.00	32.39 1.78 0.00	31.07 1.65 0.01	30.28 1.41 0.01	26.66 1.10 0.00	25.37 1.09 0.00	24.54 0.97 0.00	23.65 0.95 0.00	21.97 0.89 0.00	22.31 0.92 0.00	24.13 1.04 0.00	28.48 1.36 0.00	34.29 2.18 0.00	37.10 2.18 -4.66	34.14 2.15 -1.77	33.87 2.11 -1.54	28.97 1.59 0.00	27.82 1.57 0.00	26.60 1.46 0.00
NEWKRMKL_115KV_TB1 55635	30.76 0.75 0.00	30.64 0.78 0.00	30.17 0.59 0.00	30.11 0.62 0.00	30.20 0.59 0.00	30.67 0.75 0.00	31.54 0.92 0.00	30.34 0.91 0.00	29.71 0.84 0.00	26.35 0.79 0.00	24.86 0.58 0.00	24.18 0.61 0.00	23.36 0.66 0.00	21.68 0.59 0.00	21.97 0.58 0.00	23.78 0.69 0.00	27.92 0.79 0.00	33.17 1.06 0.00	37.68 1.03 -6.40	33.65 1.00 -2.43	33.36 1.03 -2.11	28.24 0.85 0.00	27.08 0.84 0.00	25.85 0.70 0.00



NEWTON___FALLS_HYD 23847	29.83 -0.18 0.00	29.59 -0.27 0.00	29.46 -0.12 0.00	29.38 -0.12 0.00	29.55 -0.06 0.00	29.74 -0.18 0.00	30.37 -0.24 0.00	29.17 -0.26 0.00	28.64 -0.23 0.00	25.41 -0.15 0.00	24.13 -0.15 0.00	23.43 -0.14 0.00	22.38 -0.32 0.00	20.77 -0.32 0.00	21.07 -0.32 0.00	22.74 -0.35 0.00	26.72 -0.41 0.00	31.53 -0.58 0.00	29.84 -0.57 -0.16	29.53 -0.76 -0.06	29.55 -0.73 -0.05	26.73 -0.66 0.00	25.61 -0.63 0.00	24.51 -0.63 0.00
NGRID_A1_DSASP 323792	26.68 -3.33 0.00	26.19 -3.67 0.00	25.97 -3.61 0.00	25.78 -3.72 0.00	25.88 -3.73 0.00	26.15 -3.77 0.00	26.50 -4.10 0.01	23.16 -4.71 1.56	21.91 -4.76 2.19	21.11 -4.06 0.39	20.46 -3.67 0.15	20.07 -3.49 0.01	19.08 -3.56 0.06	17.76 -3.33 0.00	18.24 -3.14 0.00	19.41 -3.62 0.06	21.63 -4.53 0.97	25.97 -5.33 0.81	26.35 -4.57 -0.66	25.73 -4.74 -0.26	25.36 -4.84 0.02	22.93 -4.44 0.02	22.18 -4.04 0.02	21.60 -3.54 0.00
NGRID_A2_DSASP 323793	26.68 -3.33 0.00	26.19 -3.67 0.00	25.97 -3.61 0.00	25.78 -3.72 0.00	25.88 -3.73 0.00	26.15 -3.77 0.00	26.50 -4.10 0.01	23.16 -4.71 1.56	21.91 -4.76 2.19	21.11 -4.06 0.39	20.46 -3.67 0.15	20.07 -3.49 0.01	19.08 -3.56 0.06	17.76 -3.33 0.00	18.24 -3.14 0.00	19.41 -3.62 0.06	21.63 -4.53 0.97	25.97 -5.33 0.81	26.35 -4.57 -0.66	25.73 -4.74 -0.26	25.36 -4.84 0.02	22.93 -4.44 0.02	22.18 -4.04 0.02	21.60 -3.54 0.00
NGRID_A4_DSASP 323807	26.68 -3.33 0.00	26.19 -3.67 0.00	25.97 -3.61 0.00	25.78 -3.72 0.00	25.88 -3.73 0.00	26.15 -3.77 0.00	26.50 -4.10 0.01	23.16 -4.71 1.56	21.91 -4.76 2.19	21.11 -4.06 0.39	20.46 -3.67 0.15	20.07 -3.49 0.01	19.08 -3.56 0.06	17.76 -3.33 0.00	18.24 -3.14 0.00	19.41 -3.62 0.06	21.63 -4.53 0.97	25.97 -5.33 0.81	26.35 -4.57 -0.66	25.73 -4.74 -0.26	25.36 -4.84 0.02	22.93 -4.44 0.02	22.18 -4.04 0.02	21.60 -3.54 0.00
NIAGARA_115E_LBMP 323715	26.86 -3.15 0.00	26.37 -3.49 0.00	26.12 -3.46 0.00	25.92 -3.57 0.00	25.88 -3.73 0.00	26.15 -3.77 0.00	26.56 -4.04 0.01	23.22 -4.68 1.53	21.97 -4.76 2.13	21.14 -4.04 0.38	20.46 -3.67 0.15	20.12 -3.44 0.01	19.13 -3.52 0.05	17.80 -3.29 0.00	18.29 -3.10 0.00	19.41 -3.62 0.05	21.59 -4.59 0.95	26.02 -5.30 0.80	26.31 -4.63 -0.68	25.77 -4.71 -0.26	25.40 -4.81 0.02	22.93 -4.44 0.02	22.21 -4.01 0.02	21.65 -3.49 0.00
NIAGARA_115W_LBMP 323714	26.62 -3.39 0.00	26.13 -3.73 0.00	25.91 -3.67 0.00	25.72 -3.78 0.00	25.82 -3.79 0.00	26.09 -3.83 0.00	26.44 -4.16 0.01	23.10 -4.77 1.56	21.85 -4.82 2.20	21.06 -4.12 0.39	20.41 -3.71 0.15	20.03 -3.54 0.01	19.03 -3.61 0.06	17.71 -3.37 0.00	18.20 -3.19 0.00	19.36 -3.67 0.06	21.58 -4.59 0.97	25.90 -5.39 0.82	26.29 -4.63 -0.66	25.67 -4.81 -0.26	25.30 -4.90 0.03	22.87 -4.49 0.02	22.13 -4.09 0.02	21.55 -3.60 0.00
NIAGARA_230_LBMP 323716	27.13 -2.88 0.00	26.61 -3.25 0.00	26.39 -3.20 0.00	26.19 -3.30 0.00	26.23 -3.38 0.00	26.51 -3.41 0.00	26.93 -3.68 0.01	23.60 -4.24 1.59	22.35 -4.30 2.22	21.46 -3.71 0.39	20.77 -3.35 0.16	20.43 -3.13 0.01	19.42 -3.22 0.06	18.07 -3.02 0.00	18.56 -2.82 0.00	19.71 -3.32 0.06	22.00 -4.15 0.98	26.46 -4.82 0.83	26.75 -4.14 -0.65	26.18 -4.29 -0.25	25.81 -4.38 0.03	23.31 -4.05 0.02	22.57 -3.65 0.02	21.97 -3.17 0.00
NIAGARA___115KV_198_GIBSON 55903	26.62 -3.39 0.00	26.55 -3.31 0.00	25.94 -3.64 0.00	25.72 -3.78 0.00	25.82 -3.79 0.00	26.09 -3.83 0.00	26.47 -4.13 0.01	23.16 -4.71 1.56	21.94 -4.73 2.20	21.06 -4.11 0.39	20.41 -3.71 0.15	20.03 -3.54 0.01	19.06 -3.59 0.06	17.71 -3.37 0.00	18.20 -3.19 0.00	19.38 -3.65 0.06	21.60 -4.56 0.97	26.00 -5.30 0.82	26.29 -4.63 -0.66	25.70 -4.78 -0.26	25.33 -4.87 0.03	22.87 -4.49 0.02	22.13 -4.09 0.02	21.60 -3.55 0.00
NIAGARA____ 23760	27.13 -2.88 0.00	26.61 -3.25 0.00	26.39 -3.20 0.00	26.19 -3.30 0.00	26.23 -3.38 0.00	26.51 -3.41 0.00	26.93 -3.68 0.01	23.63 -4.24 1.56	22.38 -4.30 2.19	21.46 -3.71 0.39	20.77 -3.35 0.15	20.43 -3.13 0.01	19.42 -3.22 0.06	18.07 -3.02 0.00	18.56 -2.82 0.00	19.71 -3.32 0.06	22.01 -4.15 0.97	26.48 -4.82 0.82	26.77 -4.14 -0.66	26.19 -4.29 -0.26	25.81 -4.38 0.03	23.31 -4.05 0.02	22.58 -3.65 0.02	21.97 -3.17 0.00
NINE_MILE_1 23575	28.72 -1.29 0.00	28.49 -1.37 0.00	28.22 -1.36 0.00	28.11 -1.39 0.00	28.25 -1.36 0.00	28.57 -1.35 0.00	29.27 -1.35 0.00	24.27 -1.38 3.78	22.82 -1.39 4.67	22.52 -1.25 1.78	22.31 -1.19 0.78	22.35 -1.18 0.04	21.26 -1.16 0.28	20.03 -1.05 0.00	20.32 -1.07 0.00	21.66 -1.15 0.28	21.37 -1.36 0.40	30.27 -1.48 0.37	29.37 -1.30 -0.42	29.02 -1.36 -0.16	27.88 -1.36 0.99	26.09 -1.29 0.01	24.98 -1.26 0.00	23.94 -1.21 0.00
NINE_MILE_2 23744	28.72 -1.29 0.00	28.49 -1.37 0.00	28.22 -1.36 0.00	28.11 -1.39 0.00	28.25 -1.36 0.00	28.57 -1.35 0.00	29.27 -1.35 0.00	24.22 -1.38 3.82	22.76 -1.39 4.72	22.50 -1.25 1.81	22.32 -1.16 0.79	22.35 -1.18 0.04	21.26 -1.16 0.28	20.03 -1.05 0.00	20.34 -1.05 0.00	21.65 -1.15 0.28	21.32 -1.36 0.45	30.26 -1.48 0.37	29.37 -1.30 -0.42	29.05 -1.33 -0.16	27.86 -1.36 1.00	26.09 -1.29 0.01	24.98 -1.26 0.00	23.94 -1.21 0.00
NM_CAPITAL___DRP 24208	30.85 0.84 0.00	30.76 0.90 0.00	30.29 0.71 0.00	30.20 0.71 0.00	30.32 0.71 0.00	30.76 0.84 0.00	31.63 1.01 0.00	30.46 1.03 0.00	29.79 0.92 0.00	26.40 0.84 0.00	24.93 0.66 0.00	24.25 0.68 0.00	23.42 0.73 0.00	21.74 0.65 0.00	22.03 0.64 0.00	23.85 0.76 0.00	28.02 0.90 0.00	33.27 1.16 0.00	37.76 1.12 -6.39	33.77 1.12 -2.43	33.45 1.12 -2.11	28.32 0.93 0.00	27.16 0.92 0.00	25.95 0.80 0.00
NM_CENTRAL___DRP 24181	29.29 -0.72 0.00	29.14 -0.72 0.00	28.75 -0.83 0.00	28.61 -0.88 0.00	28.75 -0.86 0.00	29.11 -0.81 0.00	29.85 -0.77 0.00	28.10 -0.88 0.45	27.39 -0.92 0.56	24.50 -0.84 0.21	23.38 -0.80 0.09	22.74 -0.82 0.01	21.85 -0.82 0.03	20.33 -0.76 0.00	20.64 -0.75 0.00	22.25 -0.81 0.03	25.65 -0.95 0.52	31.14 -0.93 0.04	30.05 -0.76 -0.56	29.65 -0.79 -0.21	29.46 -0.82 -0.05	26.56 -0.82 0.00	25.43 -0.81 0.00	24.36 -0.78 0.00
NM_FRONTIER___DRP 24179	26.62 -3.39 0.00	26.55 -3.31 0.00	25.94 -3.64 0.00	25.72 -3.78 0.00	25.82 -3.79 0.00	26.09 -3.83 0.00	26.47 -4.13 0.01	23.16 -4.71 1.56	21.94 -4.73 2.20	21.06 -4.11 0.39	20.41 -3.71 0.15	20.03 -3.54 0.01	19.06 -3.59 0.06	17.71 -3.37 0.00	18.20 -3.19 0.00	19.38 -3.65 0.06	21.60 -4.56 0.97	26.00 -5.30 0.82	26.29 -4.63 -0.66	25.70 -4.78 -0.26	25.33 -4.87 0.03	22.87 -4.49 0.02	22.13 -4.09 0.02	21.60 -3.55 0.00
NM_ST_REGIS___HYD 24053	29.83 -0.18 0.00	29.59 -0.27 0.00	29.61 0.03 0.00	29.52 0.03 0.00	29.67 0.06 0.00	29.71 -0.21 0.00	30.19 -0.43 0.00	29.11 -0.32 0.00	28.67 -0.20 0.00	25.51 -0.05 0.00	24.23 -0.05 0.00	23.62 0.05 0.00	22.68 -0.02 0.00	21.02 -0.06 0.00	21.30 -0.09 0.00	22.97 -0.12 0.00	26.94 -0.19 0.00	31.50 -0.61 0.00	29.50 -0.76 0.00	29.35 -0.88 0.00	29.35 -0.88 0.00	26.70 -0.68 0.00	25.64 -0.60 0.00	24.59 -0.55 0.00



NORTHPORT___1 23551	32.26 2.25 0.00	31.92 2.06 0.00	31.45 1.86 0.00	31.29 1.80 0.00	31.51 1.90 0.00	31.98 2.06 0.00	32.85 2.23 0.00	32.23 2.44 -0.35	31.09 2.22 0.00	27.35 1.79 0.00	26.17 1.89 0.00	25.34 1.77 0.00	24.60 1.91 0.00	22.79 1.71 0.00	23.12 1.73 0.00	27.36 1.94 -2.34	31.28 2.28 -1.87	42.50 3.02 -7.37	44.50 2.78 -11.47	40.63 2.81 -7.60	39.14 2.87 -6.05	35.77 2.36 -6.03	32.35 2.44 -3.67	28.89 2.31 -1.44
NORTHPORT___2 23552	32.26 2.25 0.00	31.92 2.06 0.00	31.45 1.86 0.00	31.29 1.80 0.00	31.51 1.90 0.00	31.98 2.06 0.00	32.85 2.23 0.00	32.23 2.44 -0.35	31.09 2.22 0.00	27.35 1.79 0.00	26.17 1.89 0.00	25.34 1.77 0.00	24.60 1.91 0.00	22.79 1.71 0.00	23.12 1.73 0.00	27.36 1.94 -2.34	31.28 2.28 -1.87	42.50 3.02 -7.37	44.50 2.78 -11.47	40.63 2.81 -7.60	39.14 2.87 -6.05	35.77 2.36 -6.03	32.35 2.44 -3.67	28.89 2.31 -1.44
NORTHPORT___3 23553	32.26 2.25 0.00	31.92 2.06 0.00	31.48 1.89 0.00	31.32 1.83 0.00	31.53 1.92 0.00	31.98 2.06 0.00	32.92 2.30 0.00	32.26 2.47 -0.35	31.09 2.22 0.00	27.40 1.84 0.00	26.17 1.89 0.00	25.34 1.77 0.00	24.56 1.86 0.00	22.75 1.67 0.00	23.10 1.71 0.00	27.34 1.92 -2.34	31.25 2.25 -1.87	42.66 3.18 -7.37	45.00 3.24 -11.51	41.09 3.24 -7.63	39.29 3.02 -6.05	35.82 2.41 -6.03	32.29 2.39 -3.67	28.85 2.26 -1.44
NORTHPORT___4 23650	32.26 2.25 0.00	31.92 2.06 0.00	31.48 1.89 0.00	31.32 1.83 0.00	31.53 1.92 0.00	31.98 2.06 0.00	32.92 2.30 0.00	32.26 2.47 -0.35	31.09 2.22 0.00	27.40 1.84 0.00	26.17 1.89 0.00	25.34 1.77 0.00	24.56 1.86 0.00	22.75 1.67 0.00	23.10 1.71 0.00	27.34 1.92 -2.34	31.25 2.25 -1.87	42.66 3.18 -7.37	45.00 3.24 -11.51	41.09 3.24 -7.63	39.29 3.02 -6.05	35.82 2.41 -6.03	32.29 2.39 -3.67	28.85 2.26 -1.44
NORTHPORT___IC 23718	32.26 2.25 0.00	32.16 2.30 0.00	31.47 1.89 0.00	31.29 1.80 0.00	31.51 1.90 0.00	31.98 2.06 0.00	33.04 2.42 0.00	32.26 2.47 -0.35	31.06 2.19 0.00	27.35 1.79 0.00	26.17 1.89 0.00	25.34 1.77 0.00	24.58 1.88 0.00	22.79 1.71 0.00	23.12 1.73 0.00	27.36 1.94 -2.34	31.28 2.28 -1.87	42.50 3.02 -7.37	44.50 2.78 -11.47	40.63 2.81 -7.60	39.14 2.87 -6.05	35.77 2.36 -6.03	32.29 2.39 -3.67	28.89 2.31 -1.44
NORTH___COUNTRY_ESR 323785	30.28 0.27 0.00	30.31 0.45 0.00	30.05 0.47 0.00	29.91 0.41 0.00	30.03 0.41 0.00	30.13 0.21 0.00	30.68 0.06 0.00	29.52 0.09 0.00	29.07 0.20 0.00	25.89 0.33 0.00	24.64 0.36 0.00	23.97 0.40 0.00	23.04 0.34 0.00	21.32 0.23 0.00	21.58 0.19 0.00	23.27 0.18 0.00	27.37 0.24 0.00	31.92 -0.19 0.00	29.83 -0.42 0.00	29.68 -0.54 0.00	29.62 -0.60 0.00	26.98 -0.41 0.00	25.79 -0.45 0.00	24.74 -0.40 0.00
NPX_GEN_1385_PROXY 323591	32.14 2.13 0.00	31.80 1.94 0.00	31.36 1.77 0.00	31.18 1.68 0.00	31.42 1.81 0.00	31.86 1.94 0.00	32.19 2.14 0.58	32.72 2.36 -0.93	30.98 2.11 0.00	27.22 1.66 0.00	26.15 1.87 0.00	25.29 1.72 0.00	24.76 2.07 0.00	22.94 1.86 0.00	23.27 1.88 0.00	27.46 2.03 -2.34	31.20 2.20 -1.87	42.40 2.92 -7.37	44.38 2.66 -11.47	40.51 2.69 -7.60	39.11 2.84 -6.05	35.69 2.27 -6.03	32.35 2.44 -3.67	28.89 2.31 -1.44
NPX_GEN_CSC 323557	32.44 2.43 0.00	32.10 2.24 0.00	31.62 2.04 0.00	31.41 1.92 0.00	31.68 2.07 0.00	32.17 2.25 0.00	32.31 2.27 0.58	32.98 2.62 -0.93	31.24 2.37 0.00	27.45 1.89 0.00	26.34 2.06 0.00	25.46 1.89 0.00	24.72 2.02 0.00	22.88 1.79 0.00	23.16 1.77 0.00	27.43 2.01 -2.34	31.44 2.44 -1.87	42.95 3.47 -7.37	48.44 3.21 -14.98	43.68 3.24 -10.22	39.56 3.29 -6.05	36.15 2.74 -6.03	32.61 2.70 -3.67	29.12 2.54 -1.44
NSINS_S_GLNS_FALLS 23858	31.87 1.86 0.00	31.77 1.91 0.00	31.24 1.66 0.00	31.29 1.80 0.00	31.36 1.75 0.00	31.83 1.91 0.00	32.73 2.11 0.00	31.31 1.88 0.00	30.37 1.50 0.00	26.76 1.20 0.00	25.35 1.07 0.00	24.66 1.08 0.00	23.74 1.04 0.00	22.01 0.93 0.00	22.31 0.92 0.00	24.22 1.13 0.00	28.76 1.63 0.00	34.49 2.38 0.00	39.09 2.27 -6.57	34.90 2.18 -2.50	34.59 2.21 -2.17	29.25 1.86 0.00	27.92 1.68 0.00	26.65 1.51 0.00
NUCOR_STEEL___DRP 24197	29.74 -0.27 0.00	29.59 -0.27 0.00	29.17 -0.41 0.00	29.02 -0.47 0.00	29.20 -0.41 0.00	29.56 -0.36 0.00	30.33 -0.31 -0.01	28.85 -0.47 0.11	28.25 -0.55 0.07	24.85 -0.56 0.14	23.71 -0.51 0.06	23.03 -0.54 0.00	22.09 -0.59 0.02	20.54 -0.55 0.00	20.87 -0.51 0.00	22.49 -0.58 0.02	26.13 -0.65 0.35	31.76 -0.51 -0.16	30.65 -0.33 -0.73	30.11 -0.39 -0.28	29.95 -0.42 -0.15	26.93 -0.47 -0.01	25.78 -0.47 -0.01	24.67 -0.48 0.00
NUMBER_THREE_WT_PWR 323818	30.43 0.42 0.00	30.22 0.36 0.00	29.94 0.36 0.00	29.82 0.33 0.00	30.03 0.41 0.00	30.37 0.45 0.00	31.14 0.52 0.00	29.72 0.38 0.09	29.05 0.29 0.11	25.80 0.28 0.04	24.50 0.24 0.02	23.74 0.17 0.00	22.49 -0.20 0.01	20.88 -0.21 0.00	21.17 -0.21 0.00	22.90 -0.19 0.01	26.86 -0.16 0.10	32.07 -0.03 0.01	30.50 0.03 -0.22	30.09 -0.21 -0.08	30.12 -0.15 -0.05	27.14 -0.25 0.00	25.95 -0.29 0.00	24.82 -0.33 0.00
NYISO_LBMP_REFERENCE 24008	30.01 0.00 0.00	29.86 0.00 0.00	29.58 0.00 0.00	29.49 0.00 0.00	29.61 0.00 0.00	29.92 0.00 0.00	30.62 0.00 0.00	29.43 0.00 0.00	28.87 0.00 0.00	25.56 0.00 0.00	24.28 0.00 0.00	23.57 0.00 0.00	22.70 0.00 0.00	21.09 0.00 0.00	21.39 0.00 0.00	23.09 0.00 0.00	27.13 0.00 0.00	32.11 0.00 0.00	30.25 0.00 0.00	30.22 0.00 0.00	30.22 0.00 0.00	27.39 0.00 0.00	26.24 0.00 0.00	25.14 0.00 0.00
NYPA_BRENTWD___GT 24164	32.59 2.58 0.00	32.22 2.36 0.00	31.77 2.19 0.00	31.59 2.09 0.00	31.83 2.22 0.00	32.28 2.36 0.00	33.16 2.54 0.00	32.55 2.77 -0.35	31.35 2.48 0.00	27.58 2.02 0.00	26.39 2.11 0.00	25.53 1.96 0.00	24.78 2.09 0.00	22.94 1.86 0.00	23.29 1.90 0.00	27.57 2.15 -2.34	31.58 2.58 -1.87	43.01 3.53 -7.37	45.29 3.27 -11.77	41.34 3.29 -7.83	39.59 3.32 -6.05	36.13 2.71 -6.03	32.61 2.70 -3.67	29.15 2.57 -1.44
NYPA_GOWANUS___GT5 24156	32.03 2.01 -0.01	31.69 1.82 -0.01	31.27 1.69 0.00	31.17 1.68 0.00	31.37 1.75 -0.01	31.68 1.76 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	34.97 2.86 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.61 2.69 -1.70	41.13 2.05 -11.69	28.45 2.20 -0.01	27.31 2.11 -0.06
NYPA_GOWANUS___GT6 24157	32.03 2.01 -0.01	31.69 1.82 -0.01	31.27 1.69 0.00	31.17 1.68 0.00	31.37 1.75 -0.01	31.68 1.76 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	34.97 2.86 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.61 2.69 -1.70	41.13 2.05 -11.69	28.45 2.20 -0.01	27.31 2.11 -0.06



NYPA_HARLEM__RVR__GT1 24160	31.75 1.74 0.00	31.35 1.49 0.00	31.00 1.42 0.00	30.91 1.42 0.00	31.12 1.51 0.00	31.42 1.50 0.00	32.45 1.84 0.01	31.37 1.94 0.01	30.65 1.79 0.01	27.11 1.56 0.01	25.82 1.56 0.01	25.07 1.51 0.01	24.21 1.52 0.01	22.51 1.43 0.01	22.83 1.46 0.01	24.65 1.57 0.01	28.91 1.79 0.01	34.77 2.66 0.01	37.89 2.48 -5.16	34.69 2.51 -1.96	34.40 2.48 -1.70	29.21 1.84 0.01	28.23 1.99 0.01	27.06 1.91 -0.01
NYPA_HARLEM__RVR__GT2 24161	31.75 1.74 0.00	31.35 1.49 0.00	31.00 1.42 0.00	30.91 1.42 0.00	31.12 1.51 0.00	31.42 1.50 0.00	32.45 1.84 0.01	31.37 1.94 0.01	30.65 1.79 0.01	27.11 1.56 0.01	25.82 1.56 0.01	25.07 1.51 0.01	24.21 1.52 0.01	22.51 1.43 0.01	22.83 1.46 0.01	24.65 1.57 0.01	28.91 1.79 0.01	34.77 2.66 0.01	37.89 2.48 -5.16	34.69 2.51 -1.96	34.40 2.48 -1.70	29.21 1.84 0.01	28.23 1.99 0.01	27.06 1.91 -0.01
NYPA_KENT____GT 24152	31.96 1.95 -0.01	31.63 1.76 -0.01	31.21 1.63 0.00	31.12 1.62 0.00	31.30 1.69 -0.01	31.62 1.70 0.00	32.67 2.05 0.00	31.52 2.09 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.22 1.65 0.00	24.35 1.66 0.00	22.65 1.56 0.00	22.97 1.58 0.00	25.57 1.71 -0.77	29.08 1.95 0.00	34.97 2.86 0.00	38.11 2.69 -5.17	34.88 2.69 -1.97	34.59 2.66 -1.70	36.93 2.03 -7.52	28.42 2.18 -0.01	27.26 2.09 -0.04
NYPA_POUCH1____GT 24155	32.00 1.98 -0.01	31.63 1.76 -0.01	31.21 1.63 0.00	31.12 1.62 0.00	31.34 1.72 -0.01	31.59 1.67 0.00	32.64 2.02 0.00	31.43 2.00 0.00	30.72 1.85 0.00	27.15 1.59 0.00	25.88 1.60 0.00	25.13 1.56 0.00	24.26 1.56 0.00	22.56 1.48 0.00	22.89 1.50 0.00	25.91 1.62 -1.21	28.97 1.85 0.00	34.84 2.73 0.00	37.99 2.57 -5.17	34.79 2.60 -1.97	34.49 2.57 -1.70	41.02 1.94 -11.69	28.37 2.12 -0.01	27.26 2.06 -0.06
NYPA_VERNON____GT2 24162	31.90 1.89 0.00	31.53 1.67 0.00	31.15 1.57 0.00	31.06 1.56 0.00	31.24 1.63 0.00	31.59 1.67 0.00	32.64 2.02 0.00	31.52 2.09 0.00	30.80 1.93 0.00	27.22 1.66 0.00	25.95 1.67 0.00	25.20 1.63 0.00	24.33 1.64 0.00	22.62 1.54 0.00	22.95 1.56 0.00	25.11 1.68 -0.34	29.06 1.93 0.00	34.94 2.83 0.00	38.08 2.66 -5.17	34.85 2.66 -1.97	34.55 2.63 -1.70	32.73 2.00 -3.34	28.37 2.12 0.00	27.22 2.06 -0.02
NYPA_VERNON____GT3 24163	31.90 1.89 0.00	31.53 1.67 0.00	31.15 1.57 0.00	31.06 1.56 0.00	31.24 1.63 0.00	31.59 1.67 0.00	32.64 2.02 0.00	31.52 2.09 0.00	30.80 1.93 0.00	27.22 1.66 0.00	25.95 1.67 0.00	25.20 1.63 0.00	24.33 1.64 0.00	22.62 1.54 0.00	22.95 1.56 0.00	25.11 1.68 -0.34	29.06 1.93 0.00	34.94 2.83 0.00	38.08 2.66 -5.17	34.85 2.66 -1.97	34.55 2.63 -1.70	32.73 2.00 -3.34	28.37 2.12 0.00	27.22 2.06 -0.02
NYPA__ASTORIA_CC1 323568	31.84 1.83 0.00	31.50 1.64 0.00	31.09 1.51 0.00	31.00 1.50 0.00	31.18 1.57 0.00	31.53 1.61 0.00	32.58 1.96 0.00	31.46 2.03 0.00	30.74 1.88 0.00	27.20 1.64 0.00	25.90 1.63 0.00	25.15 1.58 0.00	24.31 1.61 0.00	22.58 1.50 0.00	22.91 1.52 0.00	24.90 1.64 -0.17	29.00 1.87 0.00	34.87 2.76 0.00	38.02 2.60 -5.17	34.79 2.60 -1.97	34.49 2.57 -1.70	31.00 1.94 -1.67	28.34 2.10 0.00	27.16 2.01 -0.01
NYPA__ASTORIA_CC2 323569	31.84 1.83 0.00	31.50 1.64 0.00	31.09 1.51 0.00	31.00 1.50 0.00	31.18 1.57 0.00	31.53 1.61 0.00	32.58 1.96 0.00	31.46 2.03 0.00	30.74 1.88 0.00	27.20 1.64 0.00	25.90 1.63 0.00	25.15 1.58 0.00	24.31 1.61 0.00	22.58 1.50 0.00	22.91 1.52 0.00	24.90 1.64 -0.17	29.00 1.87 0.00	34.87 2.76 0.00	38.02 2.60 -5.17	34.79 2.60 -1.97	34.49 2.57 -1.70	31.00 1.94 -1.67	28.34 2.10 0.00	27.16 2.01 -0.01
NYPA__HOLTSVILL 23794	32.41 2.40 0.00	32.07 2.21 0.00	31.59 2.01 0.00	31.41 1.92 0.00	31.65 2.04 0.00	32.13 2.21 0.00	32.94 2.33 0.00	32.38 2.59 -0.35	31.21 2.34 0.00	27.45 1.89 0.00	26.29 2.01 0.00	25.41 1.84 0.00	24.67 1.97 0.00	22.84 1.75 0.00	23.14 1.75 0.00	27.43 2.01 -2.34	31.41 2.41 -1.87	42.88 3.40 -7.37	48.32 3.09 -14.99	43.56 3.11 -10.23	39.47 3.20 -6.05	36.02 2.60 -6.03	32.51 2.60 -3.67	29.05 2.47 -1.44
NYPA__HELLGATE_GT1 24158	31.75 1.74 0.00	31.35 1.49 0.00	31.00 1.42 0.00	30.91 1.42 0.00	31.12 1.51 0.00	31.42 1.50 0.00	32.45 1.84 0.01	31.37 1.94 0.01	30.65 1.79 0.01	27.11 1.56 0.01	25.82 1.56 0.01	25.07 1.51 0.01	24.21 1.52 0.01	22.51 1.43 0.01	22.83 1.46 0.01	24.65 1.57 0.01	28.91 1.79 0.01	34.77 2.66 0.01	37.89 2.48 -5.16	34.69 2.51 -1.96	34.40 2.48 -1.70	29.21 1.84 0.01	28.23 1.99 0.01	27.06 1.91 -0.01
NYPA__HELLGATE_GT2 24159	31.75 1.74 0.00	31.35 1.49 0.00	31.00 1.42 0.00	30.91 1.42 0.00	31.12 1.51 0.00	31.42 1.50 0.00	32.45 1.84 0.01	31.37 1.94 0.01	30.65 1.79 0.01	27.11 1.56 0.01	25.82 1.56 0.01	25.07 1.51 0.01	24.21 1.52 0.01	22.51 1.43 0.01	22.83 1.46 0.01	24.65 1.57 0.01	28.91 1.79 0.01	34.77 2.66 0.01	37.89 2.48 -5.16	34.69 2.51 -1.96	34.40 2.48 -1.70	29.21 1.84 0.01	28.23 1.99 0.01	27.06 1.91 -0.01
NYS_BARGE__HYD 23848	27.34 -2.67 0.00	26.81 -3.05 0.00	26.59 -2.99 0.00	26.37 -3.13 0.00	26.38 -3.23 0.00	26.66 -3.26 0.00	27.02 -3.58 0.01	23.70 -4.21 1.52	22.44 -4.30 2.13	21.50 -3.68 0.38	20.80 -3.33 0.15	20.48 -3.09 0.01	19.46 -3.18 0.06	18.09 -2.99 0.00	18.59 -2.80 0.00	19.71 -3.32 0.06	21.98 -4.20 0.94	26.50 -4.82 0.80	26.77 -4.17 -0.69	26.20 -4.29 -0.26	25.83 -4.38 0.01	23.31 -4.05 0.02	22.60 -3.62 0.02	21.97 -3.17 0.00
OAK ORCHARD__HYD 24046	28.39 -1.62 0.00	28.01 -1.85 0.00	27.75 -1.83 0.00	27.58 -1.92 0.00	27.69 -1.92 0.00	28.00 -1.92 0.00	28.61 -1.99 0.02	25.70 -2.24 1.49	24.50 -2.28 2.09	23.18 -2.02 0.36	22.32 -1.80 0.16	21.70 -1.86 0.01	20.73 -1.91 0.06	19.27 -1.81 0.00	19.68 -1.71 0.00	21.23 -1.80 0.06	23.93 -2.31 0.89	28.77 -2.54 0.81	28.91 -2.06 -0.72	28.35 -2.15 -0.27	27.99 -2.24 -0.01	25.22 -2.14 0.03	24.17 -2.05 0.03	23.26 -1.89 0.00
OAKDALE__35_KV_LOAD 356122	30.10 0.09 0.00	29.95 0.09 0.00	29.49 -0.09 0.00	29.38 -0.12 0.00	29.49 -0.12 0.00	29.83 -0.09 0.00	30.63 0.00 -0.01	28.98 -0.29 0.16	28.32 -0.40 0.15	25.01 -0.41 0.14	23.83 -0.39 0.06	23.31 -0.26 0.00	22.38 -0.30 0.02	20.79 -0.30 0.00	21.13 -0.26 0.00	22.65 -0.42 0.02	26.27 -0.52 0.34	31.90 -0.32 -0.11	31.81 -0.18 -1.74	30.67 -0.21 -0.66	30.47 -0.24 -0.49	27.06 -0.33 0.00	26.04 -0.21 -0.01	24.97 -0.18 0.00
OCC_CHEM__DRP 24175	26.68 -3.33 0.00	26.61 -3.25 0.00	26.00 -3.58 0.00	25.78 -3.72 0.00	25.88 -3.73 0.00	26.15 -3.77 0.00	26.53 -4.07 0.01	23.22 -4.65 1.56	22.00 -4.68 2.19	21.11 -4.06 0.39	20.46 -3.67 0.15	20.07 -3.49 0.01	19.10 -3.54 0.06	17.75 -3.33 0.00	18.24 -3.14 0.00	19.43 -3.60 0.06	21.63 -4.53 0.97	26.06 -5.23 0.81	26.35 -4.57 -0.66	25.73 -4.74 -0.26	25.36 -4.84 0.02	22.90 -4.46 0.02	22.18 -4.04 0.02	21.65 -3.49 0.00



OH_GEN_PROXY 24063	27.19 -2.82 0.00	26.67 -3.19 0.00	26.44 -3.14 0.00	26.25 -3.24 0.00	26.29 -3.32 0.00	26.57 -3.35 0.00	26.45 -3.58 0.59	24.30 -4.12 1.01	22.44 -4.22 2.21	21.56 -3.60 0.39	20.87 -3.25 0.15	20.50 -3.06 0.01	19.51 -3.13 0.06	18.16 -2.93 0.00	18.65 -2.74 0.00	19.80 -3.23 0.06	22.08 -4.07 0.98	26.59 -4.69 0.83	26.88 -4.02 -0.65	26.30 -4.17 -0.25	25.93 -4.26 0.03	23.42 -3.94 0.02	22.65 -3.57 0.02	22.05 -3.09 0.00
OLIN_CORP_DRP 24177	26.92 -3.09 0.00	26.84 -3.02 0.00	26.24 -3.34 0.00	25.98 -3.51 0.00	25.97 -3.64 0.00	26.24 -3.68 0.00	26.69 -3.92 0.01	23.37 -4.53 1.53	22.18 -4.56 2.13	21.19 -3.99 0.38	20.53 -3.59 0.15	20.19 -3.37 0.01	19.22 -3.43 0.05	17.84 -3.25 0.00	18.35 -3.04 0.00	19.50 -3.53 0.05	21.70 -4.48 0.95	26.15 -5.17 0.79	26.40 -4.54 -0.68	25.86 -4.62 -0.26	25.49 -4.71 0.02	23.01 -4.35 0.02	22.31 -3.91 0.02	21.75 -3.39 0.00
OLIN_CORP_DSASP 323712	26.68 -3.33 0.00	26.19 -3.67 0.00	25.97 -3.61 0.00	25.78 -3.72 0.00	25.88 -3.73 0.00	26.15 -3.77 0.00	26.50 -4.10 0.01	23.16 -4.71 1.56	21.91 -4.76 2.19	21.11 -4.06 0.39	20.46 -3.67 0.15	20.07 -3.49 0.01	19.08 -3.56 0.06	17.76 -3.33 0.00	18.24 -3.14 0.00	19.41 -3.62 0.06	21.63 -4.53 0.97	25.97 -5.33 0.81	26.35 -4.57 -0.66	25.73 -4.74 -0.26	25.36 -4.84 0.02	22.93 -4.44 0.02	22.18 -4.04 0.02	21.60 -3.54 0.00
ONEIDA_HERK_LFGE 323681	30.79 0.78 0.00	30.55 0.69 0.00	30.23 0.65 0.00	30.14 0.65 0.00	30.32 0.71 0.00	30.70 0.78 0.00	31.51 0.89 0.00	30.03 0.71 0.11	29.37 0.63 0.14	26.07 0.56 0.05	24.77 0.51 0.02	23.99 0.42 0.00	22.96 0.27 0.01	21.32 0.23 0.00	21.62 0.24 0.00	23.36 0.28 0.01	27.38 0.38 0.13	32.74 0.64 0.01	31.10 0.66 -0.19	30.77 0.48 -0.07	30.79 0.54 -0.03	27.77 0.38 0.00	26.56 0.32 0.00	25.42 0.28 0.00
ONEIDA___115KV_TB4 55905	30.88 0.87 0.00	30.73 0.87 0.00	30.35 0.77 0.00	30.20 0.71 0.00	30.41 0.80 0.00	30.82 0.90 0.00	31.63 1.01 0.00	29.99 0.79 0.24	29.24 0.66 0.29	26.01 0.56 0.11	24.76 0.53 0.05	23.99 0.42 0.00	23.07 0.39 0.02	21.42 0.34 0.00	21.75 0.36 0.00	23.46 0.39 0.02	27.37 0.52 0.27	32.89 0.80 0.02	31.48 0.88 -0.35	31.05 0.70 -0.13	31.02 0.76 -0.05	27.96 0.58 0.00	26.77 0.52 0.00	25.65 0.50 0.00
ONONDAGA_REF_OCCRA 23987	29.53 -0.48 0.00	29.38 -0.48 0.00	28.99 -0.59 0.00	28.85 -0.65 0.00	28.99 -0.62 0.00	29.35 -0.57 0.00	30.13 -0.49 -0.01	28.39 -0.65 0.39	27.69 -0.69 0.48	24.73 -0.64 0.19	23.59 -0.61 0.08	22.93 -0.64 0.00	22.01 -0.66 0.03	20.47 -0.61 0.00	20.81 -0.58 0.00	22.41 -0.65 0.03	25.94 -0.73 0.46	31.43 -0.64 0.04	30.44 -0.48 -0.67	29.93 -0.54 -0.25	29.78 -0.54 -0.10	26.78 -0.60 0.00	25.66 -0.58 0.00	24.54 -0.60 0.00
ONONDAGA___COGEN 23986	29.50 -0.51 0.00	29.35 -0.51 0.00	28.96 -0.62 0.00	28.85 -0.65 0.00	28.99 -0.62 0.00	29.32 -0.60 0.00	30.11 -0.52 -0.01	28.68 -0.65 0.10	28.11 -0.69 0.07	24.77 -0.66 0.13	23.59 -0.63 0.05	22.91 -0.66 0.00	22.00 -0.68 0.02	20.45 -0.63 0.00	20.79 -0.60 0.00	22.40 -0.67 0.02	26.06 -0.76 0.31	31.55 -0.71 -0.14	30.37 -0.51 -0.63	29.89 -0.57 -0.24	29.78 -0.57 -0.13	26.79 -0.60 0.00	25.64 -0.60 -0.01	24.51 -0.63 0.00
ONTARIO___LFGE 23819	30.07 0.06 0.00	29.65 -0.21 0.00	29.40 -0.18 0.00	29.23 -0.27 0.00	29.40 -0.21 0.00	29.77 -0.15 0.00	30.60 -0.18 -0.16	32.56 -0.50 -3.63	34.10 -0.66 -5.90	24.69 -0.61 0.26	23.61 -0.56 0.11	23.02 -0.54 0.01	21.98 -0.68 0.04	20.43 -0.65 0.00	20.79 -0.60 0.00	22.33 -0.72 0.04	25.68 -0.81 0.63	35.54 -0.74 -4.17	30.72 -0.39 -0.86	30.13 -0.42 -0.33	29.86 -0.48 -0.12	26.95 -0.58 -0.14	25.86 -0.52 -0.15	24.61 -0.53 0.00
ORANGEVILLE_WT_PWR 323706	27.67 -2.34 0.00	27.11 -2.75 0.00	26.89 -2.69 0.00	26.69 -2.80 0.00	26.68 -2.93 0.00	26.90 -3.02 0.00	27.21 -3.40 0.01	23.81 -4.12 1.50	22.51 -4.27 2.08	21.47 -3.71 0.38	20.73 -3.40 0.15	20.59 -2.97 0.01	19.44 -3.20 0.05	18.13 -2.95 0.00	18.61 -2.78 0.00	19.57 -3.46 0.05	21.87 -4.31 0.94	26.37 -4.98 0.77	26.41 -4.54 -0.70	25.84 -4.65 -0.27	25.44 -4.77 0.01	23.04 -4.33 0.02	22.50 -3.73 0.02	21.92 -3.22 0.00
ORANGEVILLE___ESR 323794	27.67 -2.34 0.00	27.11 -2.75 0.00	26.89 -2.69 0.00	26.69 -2.80 0.00	26.68 -2.93 0.00	26.90 -3.02 0.00	27.21 -3.40 0.01	23.81 -4.12 1.50	22.51 -4.27 2.08	21.47 -3.71 0.38	20.73 -3.40 0.15	20.59 -2.97 0.01	19.44 -3.20 0.05	18.13 -2.95 0.00	18.61 -2.78 0.00	19.57 -3.46 0.05	21.87 -4.31 0.94	26.37 -4.98 0.77	26.41 -4.54 -0.70	25.84 -4.65 -0.27	25.44 -4.77 0.01	23.04 -4.33 0.02	22.50 -3.73 0.02	21.92 -3.22 0.00
OSWEGATCHIE___HYD 24044	29.83 -0.18 0.00	29.74 -0.12 0.00	29.49 -0.09 0.00	29.38 -0.12 0.00	29.55 -0.06 0.00	29.74 -0.18 0.00	30.41 -0.21 0.00	29.19 -0.24 0.00	28.64 -0.23 0.00	25.41 -0.15 0.00	24.13 -0.14 0.00	23.43 -0.14 0.00	22.38 -0.32 0.00	20.77 -0.32 0.00	21.07 -0.32 0.00	22.74 -0.35 0.00	26.72 -0.41 0.00	31.53 -0.58 0.00	29.84 -0.58 -0.16	29.53 -0.75 -0.06	29.55 -0.73 -0.05	26.73 -0.66 0.00	25.61 -0.63 0.00	24.52 -0.63 0.00
OSWEGO___5 23606	28.96 -1.05 0.00	28.73 -1.13 0.00	28.46 -1.12 0.00	28.34 -1.15 0.00	28.49 -1.13 0.00	28.81 -1.11 0.00	29.52 -1.10 0.00	29.42 -1.18 -1.16	29.12 -1.18 -1.44	25.03 -1.07 -0.55	23.52 -1.00 -0.24	22.59 -0.99 -0.01	21.79 -1.00 -0.09	20.18 -0.91 0.00	20.49 -0.90 0.00	22.18 -0.99 -0.09	27.31 -1.17 -1.35	30.97 -1.25 -0.11	29.63 -1.09 -0.47	29.28 -1.12 -0.18	29.60 -1.12 -0.50	26.29 -1.10 0.00	25.19 -1.05 0.00	24.14 -1.01 0.00
OSWEGO___6 23613	28.96 -1.05 0.00	28.73 -1.13 0.00	28.46 -1.12 0.00	28.34 -1.15 0.00	28.49 -1.13 0.00	28.81 -1.11 0.00	29.52 -1.10 0.00	29.42 -1.18 -1.16	29.12 -1.18 -1.44	25.03 -1.07 -0.55	23.52 -1.00 -0.24	22.59 -0.99 -0.01	21.79 -1.00 -0.09	20.18 -0.91 0.00	20.49 -0.90 0.00	22.18 -0.99 -0.09	27.31 -1.17 -1.35	30.97 -1.25 -0.11	29.63 -1.09 -0.47	29.28 -1.12 -0.18	29.60 -1.12 -0.50	26.29 -1.10 0.00	25.19 -1.05 0.00	24.14 -1.01 0.00
OUTOKUMPU-AB___DRP 24206	27.46 -2.55 0.00	27.38 -2.48 0.00	26.77 -2.81 0.00	26.52 -2.98 0.00	26.59 -3.02 0.00	26.84 -3.08 0.00	27.24 -3.37 0.01	23.85 -4.06 1.51	22.65 -4.10 2.12	21.57 -3.60 0.38	20.90 -3.23 0.15	20.64 -2.92 0.01	19.62 -3.02 0.05	18.22 -2.87 0.00	18.69 -2.69 0.00	19.85 -3.19 0.05	22.11 -4.07 0.95	26.67 -4.66 0.78	26.86 -4.08 -0.69	26.26 -4.23 -0.27	25.92 -4.29 0.01	23.39 -3.97 0.02	22.73 -3.49 0.02	22.15 -2.99 0.00
OXBOW___BTM 323836	27.10 -2.91 0.00	26.61 -3.25 0.00	26.36 -3.22 0.00	26.16 -3.33 0.00	26.26 -3.35 0.00	26.51 -3.41 0.00	26.84 -3.77 0.01	23.51 -4.39 1.54	22.24 -4.47 2.16	21.37 -3.81 0.38	20.68 -3.45 0.15	20.36 -3.21 0.01	19.35 -3.29 0.05	18.01 -3.08 0.00	18.48 -2.91 0.00	19.59 -3.44 0.05	21.89 -4.29 0.96	26.30 -5.01 0.80	26.63 -4.30 -0.68	26.01 -4.47 -0.26	25.64 -4.56 0.02	23.18 -4.19 0.02	22.47 -3.75 0.02	21.85 -3.29 0.00



OXBOW____ 24026	27.10 -2.91 0.00	27.02 -2.84 0.00	26.42 -3.17 0.00	26.16 -3.33 0.00	26.26 -3.35 0.00	26.51 -3.41 0.00	26.90 -3.70 0.01	23.57 -4.33 1.54	22.35 -4.36 2.16	21.37 -3.81 0.38	20.70 -3.42 0.15	20.38 -3.18 0.01	19.37 -3.27 0.05	17.99 -3.10 0.00	18.48 -2.91 0.00	19.66 -3.37 0.05	21.89 -4.29 0.96	26.40 -4.91 0.80	26.63 -4.30 -0.68	26.01 -4.47 -0.26	25.67 -4.53 0.02	23.18 -4.19 0.02	22.47 -3.75 0.02	21.90 -3.24 0.00
OXY_CHEM_DSASP 323612	26.68 -3.33 0.00	26.61 -3.25 0.00	26.00 -3.58 0.00	25.78 -3.72 0.00	25.88 -3.73 0.00	26.15 -3.77 0.00	26.53 -4.07 0.01	23.22 -4.65 1.56	22.00 -4.68 2.19	21.11 -4.06 0.39	20.46 -3.67 0.15	20.07 -3.49 0.01	19.10 -3.54 0.06	17.75 -3.33 0.00	18.24 -3.14 0.00	19.43 -3.60 0.06	21.63 -4.53 0.97	26.06 -5.23 0.81	26.35 -4.57 -0.66	25.73 -4.74 -0.26	25.36 -4.84 0.02	22.90 -4.46 0.02	22.18 -4.04 0.02	21.65 -3.49 0.00
OZONE_PARK_ESR 323760	31.99 1.98 0.00	31.89 2.03 0.00	31.27 1.69 0.00	31.15 1.65 0.00	31.33 1.72 0.00	31.75 1.83 0.00	32.88 2.27 0.00	31.70 2.27 0.00	30.95 2.08 0.00	27.37 1.81 0.00	26.10 1.82 0.00	25.34 1.77 0.00	24.47 1.77 0.00	22.75 1.67 0.00	23.08 1.69 0.00	24.89 1.80 0.00	29.22 2.09 0.00	35.16 3.05 0.00	38.29 2.87 -5.17	35.09 2.90 -1.97	34.80 2.87 -1.70	29.58 2.19 0.00	28.42 2.18 0.00	27.28 2.14 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	26.68 -3.33 0.00	26.61 -3.25 0.00	26.00 -3.58 0.00	25.78 -3.72 0.00	25.88 -3.73 0.00	26.15 -3.77 0.00	26.53 -4.07 0.01	23.22 -4.65 1.56	22.00 -4.68 2.19	21.11 -4.06 0.39	20.46 -3.67 0.15	20.07 -3.49 0.01	19.10 -3.54 0.06	17.75 -3.33 0.00	18.24 -3.14 0.00	19.43 -3.60 0.06	21.63 -4.53 0.97	26.06 -5.23 0.81	26.35 -4.57 -0.66	25.73 -4.74 -0.26	25.36 -4.84 0.02	22.90 -4.46 0.02	22.18 -4.04 0.02	21.65 -3.49 0.00
PACKARD__115KV_DUPONT_184 80571	26.68 -3.33 0.00	26.61 -3.25 0.00	26.00 -3.58 0.00	25.78 -3.72 0.00	25.88 -3.73 0.00	26.15 -3.77 0.00	26.53 -4.07 0.01	23.22 -4.65 1.56	22.00 -4.68 2.19	21.11 -4.06 0.39	20.46 -3.67 0.15	20.07 -3.49 0.01	19.10 -3.54 0.06	17.75 -3.33 0.00	18.24 -3.14 0.00	19.43 -3.60 0.06	21.63 -4.53 0.97	26.06 -5.23 0.81	26.35 -4.57 -0.66	25.73 -4.74 -0.26	25.36 -4.84 0.02	22.90 -4.46 0.02	22.18 -4.04 0.02	21.65 -3.49 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	31.75 1.74 0.00	31.71 1.85 0.00	31.03 1.45 0.00	30.91 1.42 0.00	31.09 1.48 0.00	31.39 1.47 0.00	32.55 1.93 0.00	31.34 1.91 0.00	30.63 1.76 0.00	27.07 1.51 0.00	25.78 1.51 0.00	25.03 1.46 0.00	24.20 1.50 0.00	22.50 1.41 0.00	22.82 1.43 0.00	24.63 1.55 0.01	28.89 1.76 0.00	34.74 2.63 0.00	37.87 2.45 -5.17	34.67 2.48 -1.97	34.37 2.45 -1.70	29.21 1.83 0.01	28.16 1.92 0.00	27.04 1.89 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	32.11 2.10 0.00	32.07 2.21 0.00	31.39 1.80 0.00	31.26 1.77 0.00	31.45 1.84 0.00	31.75 1.83 0.00	32.95 2.33 0.00	31.73 2.30 0.00	30.95 2.08 0.00	27.35 1.79 0.00	26.07 1.80 0.00	25.32 1.74 0.00	24.45 1.75 0.00	22.73 1.64 0.00	23.06 1.67 0.00	24.86 1.78 0.01	29.19 2.06 0.00	35.10 2.99 0.00	38.20 2.78 -5.17	35.00 2.81 -1.97	34.71 2.78 -1.70	29.49 2.11 0.01	28.47 2.23 0.00	27.36 2.21 -0.01
PATROON__115KV_TB1 80586	30.85 0.84 0.00	30.73 0.87 0.00	30.26 0.68 0.00	30.20 0.71 0.00	30.29 0.68 0.00	30.76 0.84 0.00	31.63 1.01 0.00	30.43 1.00 0.00	29.79 0.92 0.00	26.40 0.84 0.00	24.93 0.66 0.00	24.23 0.66 0.00	23.40 0.70 0.00	21.72 0.63 0.00	22.01 0.62 0.00	23.83 0.74 0.00	28.00 0.87 0.00	33.27 1.16 0.00	37.79 1.12 -6.42	33.75 1.09 -2.44	33.46 1.12 -2.12	28.32 0.93 0.00	27.16 0.92 0.00	25.92 0.78 0.00
PATTRSNVILLE__SOLAR 323815	31.24 1.23 0.00	31.02 1.16 0.00	30.68 1.10 0.00	30.64 1.15 0.00	30.76 1.15 0.00	31.18 1.26 0.00	32.00 1.38 0.00	30.70 1.26 0.00	29.94 1.07 0.00	26.43 0.87 0.00	25.08 0.80 0.00	24.35 0.78 0.00	23.47 0.77 0.00	21.78 0.69 0.00	22.09 0.70 0.00	23.92 0.83 0.00	28.24 1.11 0.00	33.72 1.60 0.00	38.54 1.54 -6.75	34.27 1.48 -2.57	33.93 1.48 -2.22	28.65 1.26 0.00	27.39 1.15 0.00	26.22 1.08 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	28.30 -1.71 0.00	28.19 -1.67 0.00	27.57 -2.01 0.00	27.31 -2.18 0.00	27.33 -2.28 0.00	27.59 -2.33 0.00	28.01 -2.60 0.01	24.11 -3.91 1.41	22.96 -3.95 1.95	21.67 -3.53 0.37	20.85 -3.28 0.15	21.30 -2.26 0.01	20.28 -2.36 0.05	18.81 -2.28 0.00	19.27 -2.12 0.00	20.06 -2.98 0.05	22.26 -3.96 0.91	26.95 -4.46 0.70	26.92 -4.08 -0.75	26.37 -4.14 -0.29	26.10 -4.14 -0.02	23.53 -3.83 0.02	23.36 -2.86 0.02	22.78 -2.36 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	32.08 2.07 0.00	32.04 2.18 0.00	31.30 1.72 0.00	31.26 1.77 0.00	31.30 1.69 0.00	31.69 1.77 0.00	32.73 2.11 0.00	31.55 2.12 0.00	30.74 1.88 0.00	27.14 1.58 0.00	25.86 1.58 0.00	25.03 1.46 0.00	24.13 1.43 0.00	22.41 1.33 0.00	22.74 1.35 0.00	24.59 1.50 0.00	28.97 1.84 0.00	34.81 2.70 0.00	38.12 2.60 -5.27	34.85 2.63 -2.00	34.53 2.57 -1.74	29.44 2.05 0.00	28.18 1.94 0.00	27.00 1.86 0.00
PEEKSKILL____ 23653	31.57 1.56 0.00	31.26 1.40 0.00	30.85 1.27 0.00	30.82 1.33 0.00	30.91 1.30 0.00	31.36 1.44 0.00	32.30 1.68 0.00	31.20 1.77 0.00	30.46 1.59 0.00	26.91 1.35 0.00	25.64 1.36 0.00	24.87 1.30 0.00	24.01 1.32 0.00	22.31 1.22 0.00	22.63 1.24 0.00	24.43 1.34 0.00	28.70 1.57 0.00	34.45 2.34 0.00	37.62 2.27 -5.10	34.46 2.30 -1.94	34.17 2.27 -1.68	29.14 1.75 0.00	27.97 1.73 0.00	26.78 1.63 0.00
PGE MADISON__WINDPWR 24146	33.28 3.27 0.00	32.91 3.05 0.00	32.57 2.99 0.00	32.30 2.80 0.00	32.57 2.96 0.00	33.09 3.17 0.00	33.94 3.31 -0.01	32.03 2.68 0.08	31.12 2.28 0.03	27.28 1.84 0.12	25.90 1.67 0.05	25.08 1.51 0.00	24.06 1.38 0.02	22.27 1.18 0.00	22.61 1.22 0.00	24.34 1.27 0.02	28.53 1.71 0.31	34.88 2.60 -0.17	34.66 2.72 -1.69	33.01 2.15 -0.64	33.03 2.33 -0.48	29.26 1.86 -0.01	28.03 1.79 -0.01	26.88 1.73 0.00
PIERCEFIELD__HYD 23852	29.62 -0.39 0.00	29.38 -0.48 0.00	29.43 -0.15 0.00	29.32 -0.18 0.00	29.49 -0.12 0.00	29.50 -0.42 0.00	29.98 -0.64 0.00	28.90 -0.53 0.00	28.46 -0.40 0.00	25.30 -0.26 0.00	24.03 -0.24 0.00	23.45 -0.12 0.00	22.49 -0.20 0.00	20.88 -0.21 0.00	21.15 -0.24 0.00	22.81 -0.28 0.00	26.72 -0.41 0.00	31.24 -0.87 0.00	29.40 -0.94 -0.09	29.23 -1.03 -0.03	29.22 -1.03 -0.03	26.56 -0.82 0.00	25.53 -0.71 0.00	24.49 -0.65 0.00
PINELAWN_CC_1 323563	32.38 2.37 0.00	32.04 2.18 0.00	31.59 2.01 0.00	31.41 1.92 0.00	31.65 2.04 0.00	32.10 2.18 0.00	33.01 2.39 0.00	32.38 2.59 -0.35	31.21 2.34 0.00	27.48 1.92 0.00	26.24 1.97 0.00	25.39 1.82 0.00	24.63 1.93 0.00	22.82 1.73 0.00	23.16 1.77 0.00	27.43 2.01 -2.34	31.39 2.39 -1.87	42.85 3.37 -7.37	45.06 3.18 -11.63	41.15 3.20 -7.72	39.44 3.17 -6.05	35.96 2.55 -6.03	32.43 2.52 -3.67	28.97 2.39 -1.44



PJM_GEN_HTP_PROXY 323702	31.69 1.68 0.00	31.35 1.49 0.00	30.97 1.39 0.00	30.88 1.39 0.00	31.03 1.42 0.00	31.47 1.55 0.00	31.91 1.87 0.58	31.95 1.94 -0.58	30.69 1.82 0.00	27.14 1.59 0.00	25.88 1.60 0.00	25.10 1.53 0.00	24.24 1.54 0.00	22.54 1.45 0.00	22.86 1.47 0.00	24.66 1.57 0.00	28.95 1.82 0.00	34.77 2.66 0.00	37.93 2.51 -5.17	34.73 2.54 -1.97	34.43 2.51 -1.70	29.30 1.92 0.00	28.21 1.97 0.00	27.00 1.86 0.00
PJM_GEN_KEystone 24065	29.89 -0.12 0.00	29.44 -0.42 0.00	29.14 -0.44 0.00	29.05 -0.44 0.00	29.14 -0.47 0.00	29.50 -0.42 0.00	29.64 -0.40 0.58	28.80 -0.65 -0.02	27.30 -0.81 0.76	24.70 -0.69 0.17	23.63 -0.58 0.07	23.19 -0.38 0.00	22.27 -0.41 0.02	20.68 -0.40 0.00	21.04 -0.34 0.00	22.44 -0.62 0.02	25.90 -0.81 0.42	31.30 -0.58 0.24	32.97 -0.39 -3.12	31.01 -0.39 -1.19	30.69 -0.45 -0.92	26.78 -0.60 0.01	25.87 -0.37 0.00	24.89 -0.25 0.00
PJM_GEN_NEPTUNE_PROXY 323594	32.02 2.01 0.00	31.68 1.82 0.00	31.24 1.66 0.00	31.12 1.62 0.00	31.30 1.69 0.00	31.75 1.83 0.00	32.09 2.05 0.58	32.60 2.24 -0.93	30.89 2.02 0.00	27.22 1.66 0.00	26.00 1.72 0.00	25.17 1.60 0.00	24.38 1.68 0.00	22.61 1.52 0.00	22.93 1.54 0.00	27.16 1.73 -2.34	31.03 2.04 -1.87	42.37 2.89 -7.37	44.44 2.75 -11.44	40.58 2.78 -7.58	39.02 2.75 -6.05	35.58 2.16 -6.03	32.06 2.15 -3.67	28.64 2.06 -1.44
PJM_GEN_VFT_PROXY 323633	31.60 1.59 0.00	31.23 1.37 0.00	30.85 1.27 0.00	30.79 1.30 0.00	30.94 1.33 0.00	31.36 1.44 0.00	31.82 1.78 0.58	31.89 1.89 -0.58	30.60 1.73 0.00	27.07 1.51 0.00	25.81 1.53 0.00	25.06 1.49 0.00	24.20 1.50 0.00	22.50 1.41 0.00	22.80 1.41 0.00	24.61 1.52 0.00	28.89 1.76 0.00	34.71 2.60 0.00	37.87 2.45 -5.17	34.69 2.51 -1.97	34.37 2.45 -1.70	29.25 1.86 0.00	28.13 1.89 0.00	26.95 1.81 0.00
PLATSBURG_115KV_PMLD1 355749	30.79 0.78 0.00	30.58 0.72 0.00	30.53 0.95 0.00	30.41 0.91 0.00	30.53 0.92 0.00	30.64 0.72 0.00	31.14 0.52 0.00	29.99 0.56 0.00	29.50 0.64 0.00	26.27 0.72 0.00	25.01 0.73 0.00	24.33 0.75 0.00	23.38 0.68 0.00	21.59 0.51 0.00	21.88 0.49 0.00	23.57 0.48 0.00	27.75 0.62 0.00	32.43 0.32 0.00	30.31 0.06 0.00	30.13 -0.09 0.00	30.04 -0.18 0.00	27.30 -0.08 0.00	26.14 -0.10 0.00	25.07 -0.08 0.00
PLEASANTVLY__LBMP 24000	31.45 1.44 0.00	31.35 1.49 0.00	30.79 1.21 0.00	30.73 1.24 0.00	30.85 1.24 0.00	31.27 1.35 0.00	32.27 1.65 0.00	31.08 1.65 0.00	30.31 1.44 0.00	26.81 1.25 0.00	25.49 1.21 0.00	24.75 1.18 0.00	23.90 1.20 0.00	22.20 1.12 0.00	22.50 1.11 0.00	24.33 1.25 0.00	28.59 1.46 0.00	34.23 2.12 0.00	37.73 2.03 -5.45	34.35 2.06 -2.07	34.04 2.02 -1.80	28.97 1.59 0.00	27.79 1.55 0.00	26.63 1.48 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.66 1.65 0.00	31.56 1.70 0.00	30.97 1.39 0.00	30.88 1.39 0.00	31.00 1.39 0.00	31.45 1.53 0.00	32.52 1.90 0.00	31.31 1.88 0.00	30.54 1.67 0.00	27.02 1.46 0.00	25.71 1.43 0.00	24.96 1.39 0.00	24.10 1.41 0.00	22.39 1.31 0.00	22.69 1.30 0.00	24.52 1.43 0.00	28.81 1.68 0.00	34.58 2.47 0.00	37.84 2.36 -5.22	34.60 2.39 -1.99	34.30 2.36 -1.72	29.22 1.83 0.00	28.03 1.78 0.00	26.85 1.71 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.66 1.65 0.00	31.56 1.70 0.00	30.97 1.39 0.00	30.88 1.39 0.00	31.00 1.39 0.00	31.45 1.53 0.00	32.52 1.90 0.00	31.31 1.88 0.00	30.54 1.67 0.00	27.02 1.46 0.00	25.71 1.43 0.00	24.96 1.39 0.00	24.10 1.41 0.00	22.39 1.31 0.00	22.69 1.30 0.00	24.52 1.43 0.00	28.81 1.68 0.00	34.58 2.47 0.00	37.84 2.36 -5.22	34.60 2.39 -1.99	34.30 2.36 -1.72	29.22 1.83 0.00	28.03 1.78 0.00	26.85 1.71 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.05 2.04 0.00	32.01 2.15 0.00	31.06 1.48 0.00	30.97 1.47 0.00	31.09 1.48 0.00	31.51 1.59 0.00	32.55 1.93 0.00	31.29 1.85 0.00	30.49 1.62 0.00	26.91 1.35 0.00	25.59 1.31 0.00	24.82 1.25 0.00	23.95 1.25 0.00	22.25 1.16 0.00	22.54 1.15 0.00	24.40 1.32 0.00	28.73 1.60 0.00	34.49 2.38 0.00	37.89 2.30 -5.34	34.52 2.27 -2.03	34.25 2.27 -1.76	29.17 1.78 0.00	27.95 1.71 0.00	26.78 1.63 0.00
POLETTI____ 23519	31.63 1.62 0.00	31.56 1.70 0.00	30.91 1.33 0.00	30.82 1.33 0.00	30.97 1.36 0.00	31.39 1.47 0.00	32.52 1.90 0.00	31.34 1.91 0.00	30.60 1.73 0.00	27.09 1.53 0.00	25.83 1.55 0.00	25.06 1.48 0.00	24.22 1.52 0.00	22.52 1.43 0.00	22.84 1.45 0.00	24.63 1.55 0.00	28.89 1.76 0.00	34.71 2.60 0.00	37.87 2.45 -5.17	34.70 2.51 -1.97	34.37 2.45 -1.70	29.25 1.86 0.00	28.10 1.86 0.00	26.98 1.84 0.00
POMONA____ESR 323819	31.54 1.53 0.00	31.23 1.37 0.00	30.82 1.24 0.00	30.79 1.30 0.00	30.91 1.30 0.00	31.33 1.41 0.00	32.27 1.65 0.00	31.17 1.74 0.00	30.43 1.56 0.00	26.89 1.33 0.00	25.61 1.33 0.00	24.82 1.25 0.00	23.97 1.27 0.00	22.27 1.18 0.00	22.58 1.20 0.00	24.38 1.29 0.00	28.67 1.55 0.00	34.42 2.31 0.00	37.48 2.24 -4.99	34.39 2.27 -1.90	34.10 2.24 -1.65	29.11 1.73 0.00	27.95 1.70 0.00	26.75 1.61 0.00
PORT_JEFF_3 23555	32.53 2.52 0.00	32.19 2.33 0.00	31.71 2.13 0.00	31.53 2.03 0.00	31.77 2.16 0.00	32.26 2.34 0.00	33.07 2.45 0.00	32.49 2.71 -0.35	31.32 2.45 0.00	27.53 1.97 0.00	26.37 2.09 0.00	25.48 1.91 0.00	24.74 2.04 0.00	22.90 1.81 0.00	23.23 1.84 0.00	27.53 2.10 -2.34	31.52 2.52 -1.87	43.04 3.56 -7.37	48.60 3.27 -15.08	43.81 3.29 -10.29	39.62 3.35 -6.05	36.15 2.74 -6.03	32.61 2.70 -3.67	29.12 2.54 -1.44
PORT_JEFF_4 23616	32.53 2.52 0.00	32.19 2.33 0.00	31.71 2.13 0.00	31.53 2.03 0.00	31.77 2.16 0.00	32.26 2.34 0.00	33.07 2.45 0.00	32.49 2.71 -0.35	31.32 2.45 0.00	27.53 1.97 0.00	26.37 2.09 0.00	25.48 1.91 0.00	24.74 2.04 0.00	22.90 1.81 0.00	23.23 1.84 0.00	27.53 2.10 -2.34	31.52 2.52 -1.87	43.04 3.56 -7.37	48.60 3.27 -15.08	43.81 3.29 -10.29	39.62 3.35 -6.05	36.15 2.74 -6.03	32.61 2.70 -3.67	29.12 2.54 -1.44
PORT_JEFF_IC 23713	32.53 2.52 0.00	32.43 2.57 0.00	31.74 2.16 0.00	31.53 2.04 0.00	31.80 2.19 0.00	32.25 2.33 0.00	33.28 2.66 0.00	32.55 2.77 -0.35	31.32 2.45 0.00	27.55 1.99 0.00	26.37 2.09 0.00	25.50 1.93 0.00	24.74 2.04 0.00	22.92 1.83 0.00	23.25 1.86 0.00	27.55 2.12 -2.34	31.55 2.55 -1.87	43.07 3.60 -7.37	48.79 3.30 -15.24	43.96 3.32 -10.42	39.65 3.38 -6.05	36.18 2.77 -6.03	32.58 2.68 -3.67	29.15 2.56 -1.44
PPL PILGRIM_ST_GT1 24216	32.59 2.58 0.00	32.22 2.36 0.00	31.77 2.19 0.00	31.59 2.09 0.00	31.83 2.22 0.00	32.28 2.36 0.00	33.16 2.54 0.00	32.55 2.77 -0.35	31.35 2.48 0.00	27.58 2.02 0.00	26.39 2.11 0.00	25.53 1.96 0.00	24.78 2.09 0.00	22.94 1.86 0.00	23.29 1.90 0.00	27.57 2.15 -2.34	31.58 2.58 -1.87	43.01 3.53 -7.37	45.29 3.27 -11.77	41.34 3.29 -7.83	39.59 3.32 -6.05	36.13 2.71 -6.03	32.61 2.70 -3.67	29.15 2.57 -1.44



PPL PILGRIM_ST_GT2 24217	32.59 2.58 0.00	32.22 2.36 0.00	31.77 2.19 0.00	31.59 2.09 0.00	31.83 2.22 0.00	32.28 2.36 0.00	33.16 2.54 0.00	32.55 2.77 -0.35	31.35 2.48 0.00	27.58 2.02 0.00	26.39 2.11 0.00	25.53 1.96 0.00	24.78 2.09 0.00	22.94 1.86 0.00	23.29 1.90 0.00	27.57 2.15 -2.34	31.58 2.58 -1.87	43.01 3.53 -7.37	45.29 3.27 -11.77	41.34 3.29 -7.83	39.59 3.32 -6.05	36.13 2.71 -6.03	32.61 2.70 -3.67	29.15 2.57 -1.44
PPL_SHRM_GT3 24213	32.47 2.46 0.00	32.13 2.27 0.00	31.65 2.07 0.00	31.44 1.95 0.00	31.71 2.10 0.00	32.19 2.27 0.00	32.88 2.27 0.00	32.44 2.65 -0.35	31.26 2.39 0.00	27.48 1.92 0.00	26.37 2.09 0.00	25.48 1.91 0.00	24.74 2.04 0.00	22.90 1.81 0.00	23.16 1.77 0.00	27.46 2.03 -2.34	31.47 2.47 -1.87	43.01 3.53 -7.37	48.51 3.24 -15.02	43.76 3.29 -10.25	39.62 3.35 -6.05	36.21 2.79 -6.03	32.66 2.75 -3.67	29.17 2.59 -1.44
PPL_SHRM_GT4 24214	32.47 2.46 0.00	32.13 2.27 0.00	31.65 2.07 0.00	31.44 1.95 0.00	31.71 2.10 0.00	32.19 2.27 0.00	32.88 2.27 0.00	32.44 2.65 -0.35	31.26 2.39 0.00	27.48 1.92 0.00	26.37 2.09 0.00	25.48 1.91 0.00	24.74 2.04 0.00	22.90 1.81 0.00	23.16 1.77 0.00	27.46 2.03 -2.34	31.47 2.47 -1.87	43.01 3.53 -7.37	48.51 3.24 -15.02	43.76 3.29 -10.25	39.62 3.35 -6.05	36.21 2.79 -6.03	32.66 2.75 -3.67	29.17 2.59 -1.44
PROJECT___ORANGE 1 24174	29.29 -0.72 0.00	29.14 -0.72 0.00	28.75 -0.83 0.00	28.64 -0.86 0.00	28.78 -0.83 0.00	29.11 -0.81 0.00	29.88 -0.73 0.00	28.12 -0.85 0.46	27.41 -0.89 0.56	24.50 -0.84 0.21	23.41 -0.78 0.09	22.76 -0.80 0.01	21.85 -0.82 0.03	20.33 -0.76 0.00	20.66 -0.73 0.00	22.25 -0.81 0.03	25.68 -0.92 0.53	31.17 -0.90 0.04	30.09 -0.73 -0.57	29.65 -0.79 -0.22	29.49 -0.79 -0.05	26.59 -0.79 0.00	25.45 -0.79 0.00	24.36 -0.78 0.00
PROJECT___ORANGE 2 24166	29.29 -0.72 0.00	29.14 -0.72 0.00	28.75 -0.83 0.00	28.64 -0.86 0.00	28.78 -0.83 0.00	29.11 -0.81 0.00	29.88 -0.73 0.00	28.12 -0.85 0.46	27.41 -0.89 0.56	24.50 -0.84 0.21	23.41 -0.78 0.09	22.76 -0.80 0.01	21.85 -0.82 0.03	20.33 -0.76 0.00	20.66 -0.73 0.00	22.25 -0.81 0.03	25.68 -0.92 0.53	31.17 -0.90 0.04	30.09 -0.73 -0.57	29.65 -0.79 -0.22	29.49 -0.79 -0.05	26.59 -0.79 0.00	25.45 -0.79 0.00	24.36 -0.78 0.00
PUCKETT___SOLAR 323809	30.91 0.90 0.00	30.58 0.72 0.00	30.26 0.68 0.00	30.14 0.65 0.00	30.32 0.71 0.00	30.70 0.78 0.00	31.46 0.83 -0.01	29.76 0.83 0.14	29.00 0.26 0.13	25.53 0.10 0.13	24.27 0.05 0.05	23.66 0.09 0.00	22.72 0.05 0.02	21.11 0.02 0.00	21.45 0.06 0.00	23.05 -0.02 0.02	26.92 0.11 0.32	32.76 0.55 -0.11	32.74 0.70 -1.79	31.45 0.54 -0.68	31.30 0.57 -0.51	27.75 0.36 0.00	26.66 0.42 -0.01	25.54 0.40 0.00
PYRITES___HYD 24023	30.22 0.21 0.00	29.98 0.12 0.00	30.02 0.44 0.00	29.94 0.44 0.00	30.08 0.47 0.00	30.16 0.24 0.00	30.65 0.03 0.00	29.52 0.09 0.00	29.07 0.20 0.00	25.84 0.28 0.00	24.54 0.27 0.00	23.92 0.35 0.00	22.97 0.27 0.00	21.32 0.23 0.00	21.60 0.21 0.00	23.32 0.23 0.00	27.32 0.19 0.00	31.98 -0.13 0.00	30.01 -0.24 0.00	29.83 -0.39 0.00	29.89 -0.33 0.00	27.19 -0.19 0.00	26.08 -0.16 0.00	25.02 -0.13 0.00
QUAKERRD_115KV_BK1 80622	27.97 -2.04 0.00	27.86 -2.00 0.00	27.36 -2.22 0.00	27.19 -2.30 0.00	27.33 -2.28 0.00	27.65 -2.27 0.00	28.23 -2.36 0.03	25.19 -2.47 1.77	23.88 -2.45 2.53	22.98 -2.22 0.36	22.11 -2.02 0.16	21.46 -2.10 0.01	20.53 -2.11 0.06	19.08 -2.00 0.00	19.46 -1.92 0.00	20.98 -2.05 0.06	23.75 -2.50 0.88	28.25 -2.76 1.10	28.60 -2.36 -0.71	28.07 -2.42 -0.27	27.75 -2.48 -0.01	24.99 -2.36 0.04	23.92 -2.28 0.04	23.01 -2.14 0.00
QUENSBRY_115KV_TB8 356137	31.90 1.89 0.00	31.80 1.94 0.00	31.27 1.69 0.00	31.32 1.83 0.00	31.39 1.78 0.00	31.86 1.94 0.00	32.76 2.14 0.00	31.34 1.91 0.00	30.40 1.53 0.00	26.76 1.20 0.00	25.37 1.09 0.00	24.66 1.08 0.00	23.74 1.04 0.00	22.03 0.95 0.00	22.31 0.92 0.00	24.24 1.15 0.00	28.78 1.65 0.00	34.52 2.41 0.00	39.15 2.33 -6.57	34.93 2.21 -2.50	34.62 2.24 -2.17	29.28 1.89 0.00	27.95 1.71 0.00	26.68 1.53 0.00
RAMAPO___LBMP 323565	31.45 1.44 0.00	31.35 1.49 0.00	30.76 1.18 0.00	30.67 1.18 0.00	30.80 1.18 0.00	31.21 1.29 0.00	32.27 1.65 0.00	31.08 1.65 0.00	30.31 1.44 0.00	26.81 1.25 0.00	25.52 1.24 0.00	24.75 1.18 0.00	23.90 1.20 0.00	22.20 1.12 0.00	22.52 1.13 0.00	24.31 1.22 0.00	28.57 1.44 0.00	34.29 2.18 0.00	37.35 2.12 -4.98	34.23 2.12 -1.89	33.98 2.12 -1.64	29.00 1.62 0.00	27.82 1.57 0.00	26.65 1.51 0.00
RANKINE____ 23646	27.91 -2.10 0.00	27.83 -2.03 0.00	27.18 -2.40 0.00	26.93 -2.57 0.00	26.98 -2.64 0.00	27.23 -2.69 0.00	27.64 -2.97 0.01	24.15 -3.83 1.45	22.95 -3.90 2.02	21.74 -3.45 0.37	21.00 -3.13 0.15	20.97 -2.59 0.01	19.94 -2.70 0.05	18.51 -2.57 0.00	18.99 -2.40 0.00	20.01 -3.02 0.05	22.29 -3.91 0.93	26.91 -4.46 0.74	27.01 -3.96 -0.72	26.42 -4.08 -0.28	26.09 -4.14 0.00	23.53 -3.83 0.02	23.05 -3.18 0.02	22.45 -2.69 0.00
RAVENSWOOD_GT2_1 24244	31.75 1.74 0.00	31.65 1.79 0.00	31.03 1.45 0.00	30.94 1.45 0.00	31.09 1.48 0.00	31.51 1.59 0.00	32.64 2.02 0.00	31.43 2.00 0.00	30.69 1.82 0.00	27.14 1.58 0.00	25.88 1.60 0.00	25.13 1.56 0.00	24.26 1.57 0.00	22.54 1.45 0.00	22.86 1.48 0.00	24.68 1.59 0.00	28.97 1.84 0.00	34.81 2.70 0.00	37.96 2.54 -5.17	34.76 2.57 -1.97	34.46 2.54 -1.70	29.33 1.94 0.00	28.18 1.94 0.00	27.03 1.89 0.00
RAVENSWOOD_GT2_2 24245	31.75 1.74 0.00	31.65 1.79 0.00	31.03 1.45 0.00	30.94 1.45 0.00	31.09 1.48 0.00	31.51 1.59 0.00	32.64 2.02 0.00	31.43 2.00 0.00	30.69 1.82 0.00	27.14 1.58 0.00	25.88 1.60 0.00	25.13 1.56 0.00	24.26 1.57 0.00	22.54 1.45 0.00	22.86 1.48 0.00	24.68 1.59 0.00	28.97 1.84 0.00	34.81 2.70 0.00	37.96 2.54 -5.17	34.76 2.57 -1.97	34.46 2.54 -1.70	29.33 1.94 0.00	28.18 1.94 0.00	27.03 1.89 0.00
RAVENSWOOD_GT2_3 24246	31.75 1.74 0.00	31.65 1.79 0.00	31.03 1.45 0.00	30.94 1.45 0.00	31.09 1.48 0.00	31.51 1.59 0.00	32.64 2.02 0.00	31.43 2.00 0.00	30.69 1.82 0.00	27.14 1.58 0.00	25.88 1.60 0.00	25.13 1.56 0.00	24.26 1.57 0.00	22.56 1.48 0.00	22.86 1.48 0.00	24.68 1.59 0.00	28.97 1.84 0.00	34.81 2.70 0.00	37.96 2.54 -5.17	34.79 2.60 -1.97	34.49 2.57 -1.70	29.33 1.94 0.00	28.18 1.94 0.00	27.03 1.89 0.00
RAVENSWOOD_GT2_4 24247	31.75 1.74 0.00	31.65 1.79 0.00	31.03 1.45 0.00	30.94 1.45 0.00	31.09 1.48 0.00	31.51 1.59 0.00	32.64 2.02 0.00	31.43 2.00 0.00	30.69 1.82 0.00	27.14 1.58 0.00	25.88 1.60 0.00	25.13 1.56 0.00	24.26 1.57 0.00	22.56 1.48 0.00	22.86 1.48 0.00	24.68 1.59 0.00	28.97 1.84 0.00	34.81 2.70 0.00	37.96 2.54 -5.17	34.79 2.60 -1.97	34.49 2.57 -1.70	29.33 1.94 0.00	28.18 1.94 0.00	27.03 1.89 0.00



RAVENSWOOD_GT3_1 24248	31.75 1.74 0.00	31.65 1.79 0.00	31.03 1.45 0.00	30.94 1.45 0.00	31.09 1.48 0.00	31.51 1.59 0.00	32.64 2.02 0.00	31.43 2.00 0.00	30.69 1.82 0.00	27.14 1.58 0.00	25.88 1.60 0.00	25.13 1.56 0.00	24.26 1.57 0.00	22.56 1.48 0.00	22.86 1.48 0.00	24.68 1.59 0.00	28.97 1.84 0.00	34.81 2.70 0.00	37.96 2.54 -5.17	34.76 2.57 -1.97	34.46 2.54 -1.70	29.33 1.94 0.00	28.18 1.94 0.00	27.03 1.89 0.00
RAVENSWOOD_GT3_2 24249	31.75 1.74 0.00	31.65 1.79 0.00	31.03 1.45 0.00	30.94 1.45 0.00	31.09 1.48 0.00	31.51 1.59 0.00	32.64 2.02 0.00	31.43 2.00 0.00	30.69 1.82 0.00	27.14 1.58 0.00	25.88 1.60 0.00	25.13 1.56 0.00	24.26 1.57 0.00	22.56 1.48 0.00	22.86 1.48 0.00	24.68 1.59 0.00	28.97 1.84 0.00	34.81 2.70 0.00	37.96 2.54 -5.17	34.76 2.57 -1.97	34.46 2.54 -1.70	29.33 1.94 0.00	28.18 1.94 0.00	27.03 1.89 0.00
RAVENSWOOD_GT3_3 24250	31.78 1.77 0.00	31.68 1.82 0.00	31.06 1.48 0.00	30.97 1.47 0.00	31.12 1.51 0.00	31.54 1.62 0.00	32.67 2.05 0.00	31.46 2.03 0.00	30.72 1.85 0.00	27.17 1.61 0.00	25.90 1.63 0.00	25.15 1.58 0.00	24.29 1.59 0.00	22.58 1.50 0.00	22.91 1.52 0.00	24.70 1.62 0.00	29.00 1.87 0.00	34.84 2.73 0.00	37.99 2.57 -5.17	34.82 2.63 -1.97	34.52 2.60 -1.70	29.36 1.97 0.00	28.21 1.97 0.00	27.05 1.91 0.00
RAVENSWOOD_GT3_4 24251	31.78 1.77 0.00	31.68 1.82 0.00	31.06 1.48 0.00	30.97 1.47 0.00	31.12 1.51 0.00	31.54 1.62 0.00	32.67 2.05 0.00	31.46 2.03 0.00	30.72 1.85 0.00	27.17 1.61 0.00	25.90 1.63 0.00	25.15 1.58 0.00	24.29 1.59 0.00	22.58 1.50 0.00	22.91 1.52 0.00	24.70 1.62 0.00	29.00 1.87 0.00	34.84 2.73 0.00	37.99 2.57 -5.17	34.82 2.63 -1.97	34.52 2.60 -1.70	29.36 1.97 0.00	28.21 1.97 0.00	27.05 1.91 0.00
RAVENSWOOD_GT_1 23729	31.90 1.89 0.00	31.83 1.97 0.00	31.18 1.60 0.00	31.06 1.56 0.00	31.24 1.63 0.00	31.60 1.68 0.00	32.76 2.14 0.00	31.52 2.09 0.00	30.77 1.91 0.00	27.22 1.66 0.00	25.95 1.68 0.00	25.20 1.63 0.00	24.33 1.63 0.00	22.63 1.54 0.00	22.95 1.56 0.00	25.12 1.69 -0.34	29.06 1.93 0.00	34.94 2.83 0.00	38.05 2.63 -5.17	34.85 2.66 -1.97	34.56 2.63 -1.70	32.73 2.00 -3.34	28.34 2.10 0.00	27.20 2.04 -0.02
RAVENSWOOD_GT_10 24258	31.75 1.74 0.00	31.65 1.79 0.00	31.03 1.45 0.00	30.94 1.45 0.00	31.09 1.48 0.00	31.51 1.59 0.00	32.64 2.02 0.00	31.43 2.00 0.00	30.69 1.82 0.00	27.14 1.58 0.00	25.88 1.60 0.00	25.13 1.56 0.00	24.26 1.57 0.00	22.56 1.48 0.00	22.86 1.48 0.00	24.68 1.59 0.00	28.97 1.84 0.00	34.81 2.70 0.00	37.96 2.54 -5.17	34.76 2.57 -1.97	34.46 2.54 -1.70	29.33 1.94 0.00	28.18 1.94 0.00	27.03 1.89 0.00
RAVENSWOOD_GT_11 24259	31.75 1.74 0.00	31.65 1.79 0.00	31.03 1.45 0.00	30.94 1.45 0.00	31.09 1.48 0.00	31.51 1.59 0.00	32.64 2.02 0.00	31.43 2.00 0.00	30.69 1.82 0.00	27.14 1.58 0.00	25.88 1.60 0.00	25.13 1.56 0.00	24.26 1.57 0.00	22.56 1.48 0.00	22.86 1.48 0.00	24.68 1.59 0.00	28.97 1.84 0.00	34.81 2.70 0.00	37.96 2.54 -5.17	34.76 2.57 -1.97	34.46 2.54 -1.70	29.33 1.94 0.00	28.18 1.94 0.00	27.03 1.89 0.00
RAVENSWOOD_GT_4 24252	31.72 1.71 0.00	31.65 1.79 0.00	31.00 1.42 0.00	30.91 1.42 0.00	31.06 1.45 0.00	31.48 1.56 0.00	32.61 1.99 0.00	31.43 2.00 0.00	30.69 1.82 0.00	27.14 1.58 0.00	25.88 1.60 0.00	25.10 1.53 0.00	24.26 1.57 0.00	22.54 1.45 0.00	22.86 1.48 0.00	24.68 1.59 0.00	28.95 1.82 0.00	34.81 2.70 0.00	37.96 2.54 -5.17	34.76 2.57 -1.97	34.46 2.54 -1.70	29.33 1.94 0.00	28.16 1.92 0.00	27.03 1.89 0.00
RAVENSWOOD_GT_5 24254	31.72 1.71 0.00	31.65 1.79 0.00	31.00 1.42 0.00	30.91 1.42 0.00	31.06 1.45 0.00	31.48 1.56 0.00	32.61 1.99 0.00	31.43 2.00 0.00	30.69 1.82 0.00	27.14 1.58 0.00	25.88 1.60 0.00	25.10 1.53 0.00	24.26 1.57 0.00	22.54 1.45 0.00	22.86 1.48 0.00	24.68 1.59 0.00	28.95 1.82 0.00	34.81 2.70 0.00	37.96 2.54 -5.17	34.76 2.57 -1.97	34.46 2.54 -1.70	29.33 1.94 0.00	28.16 1.92 0.00	27.03 1.89 0.00
RAVENSWOOD_GT_6 24253	31.72 1.71 0.00	31.65 1.79 0.00	31.00 1.42 0.00	30.91 1.42 0.00	31.06 1.45 0.00	31.48 1.56 0.00	32.61 1.99 0.00	31.43 2.00 0.00	30.69 1.82 0.00	27.14 1.58 0.00	25.88 1.60 0.00	25.10 1.53 0.00	24.26 1.57 0.00	22.54 1.45 0.00	22.86 1.48 0.00	24.68 1.59 0.00	28.95 1.82 0.00	34.81 2.70 0.00	37.96 2.54 -5.17	34.76 2.57 -1.97	34.46 2.54 -1.70	29.33 1.94 0.00	28.16 1.92 0.00	27.03 1.89 0.00
RAVENSWOOD_GT_7 24255	31.72 1.71 0.00	31.65 1.79 0.00	31.00 1.42 0.00	30.91 1.42 0.00	31.06 1.45 0.00	31.48 1.56 0.00	32.61 1.99 0.00	31.43 2.00 0.00	30.69 1.82 0.00	27.14 1.58 0.00	25.88 1.60 0.00	25.10 1.53 0.00	24.26 1.57 0.00	22.54 1.45 0.00	22.86 1.48 0.00	24.68 1.59 0.00	28.95 1.82 0.00	34.81 2.70 0.00	37.96 2.54 -5.17	34.76 2.57 -1.97	34.46 2.54 -1.70	29.33 1.94 0.00	28.16 1.92 0.00	27.03 1.89 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.75 1.74 0.00	31.65 1.79 0.00	31.03 1.45 0.00	30.94 1.45 0.00	31.09 1.48 0.00	31.51 1.59 0.00	32.64 2.02 0.00	31.43 2.00 0.00	30.69 1.82 0.00	27.14 1.58 0.00	25.88 1.60 0.00	25.13 1.56 0.00	24.26 1.57 0.00	22.56 1.48 0.00	22.86 1.48 0.00	24.68 1.59 0.00	28.97 1.84 0.00	34.81 2.70 0.00	37.96 2.54 -5.17	34.76 2.57 -1.97	34.46 2.54 -1.70	29.33 1.94 0.00	28.18 1.94 0.00	27.03 1.89 0.00
RAVENSWOOD_GT_9 24257	31.75 1.74 0.00	31.65 1.79 0.00	31.03 1.45 0.00	30.94 1.45 0.00	31.09 1.48 0.00	31.51 1.59 0.00	32.64 2.02 0.00	31.43 2.00 0.00	30.69 1.82 0.00	27.14 1.58 0.00	25.88 1.60 0.00	25.13 1.56 0.00	24.26 1.57 0.00	22.56 1.48 0.00	22.86 1.48 0.00	24.68 1.59 0.00	28.97 1.84 0.00	34.81 2.70 0.00	37.96 2.54 -5.17	34.76 2.57 -1.97	34.46 2.54 -1.70	29.33 1.94 0.00	28.18 1.94 0.00	27.03 1.89 0.00
RAVENSWOOD___1 23533	31.87 1.86 0.00	31.50 1.64 0.00	31.12 1.54 0.00	31.03 1.53 0.00	31.21 1.60 0.00	31.56 1.64 0.00	32.61 1.99 0.00	31.49 2.06 0.00	30.77 1.90 0.00	27.20 1.64 0.00	25.93 1.65 0.00	25.17 1.60 0.00	24.31 1.61 0.00	22.61 1.52 0.00	22.93 1.54 0.00	24.92 1.66 -0.17	29.03 1.90 0.00	34.90 2.79 0.00	38.05 2.63 -5.17	34.82 2.63 -1.97	34.53 2.60 -1.70	31.04 1.97 -1.68	28.34 2.10 0.00	27.16 2.01 -0.01
RAVENSWOOD___2 23534	31.84 1.83 0.00	31.50 1.64 0.00	31.09 1.51 0.00	31.00 1.50 0.00	31.18 1.57 0.00	31.53 1.61 0.00	32.58 1.96 0.00	31.46 2.03 0.00	30.77 1.90 0.00	27.20 1.64 0.00	25.93 1.65 0.00	25.15 1.58 0.00	24.31 1.61 0.00	22.61 1.52 0.00	22.93 1.54 0.00	24.89 1.64 -0.17	29.03 1.90 0.00	34.87 2.76 0.00	38.02 2.60 -5.17	34.82 2.63 -1.97	34.53 2.60 -1.70	31.00 1.97 -1.64	28.31 2.07 0.00	27.16 2.01 -0.01



RAVENSWOOD___3 23535	31.75 1.74 0.00	31.41 1.55 0.00	31.00 1.42 0.00	30.94 1.44 0.00	31.09 1.48 0.00	31.50 1.58 0.00	32.52 1.90 0.00	31.40 1.97 0.00	30.69 1.82 0.00	27.14 1.59 0.00	25.88 1.60 0.00	25.13 1.56 0.00	24.26 1.56 0.00	22.54 1.45 0.00	22.86 1.47 0.00	24.68 1.59 0.00	28.97 1.85 0.00	34.81 2.70 0.00	37.96 2.54 -5.17	34.75 2.57 -1.97	34.46 2.54 -1.70	29.33 1.94 0.00	28.21 1.97 0.00	27.03 1.89 0.00
RAVENSWOOD___4 23820	31.84 1.83 0.00	31.47 1.61 0.00	31.09 1.51 0.00	31.00 1.50 0.00	31.18 1.57 0.00	31.53 1.61 0.00	32.58 1.96 0.00	31.46 2.03 0.00	30.74 1.88 0.00	27.17 1.61 0.00	25.90 1.63 0.00	25.15 1.58 0.00	24.29 1.59 0.00	22.58 1.50 0.00	22.91 1.52 0.00	24.73 1.64 0.00	29.00 1.87 0.00	34.87 2.76 0.00	38.02 2.60 -5.17	34.82 2.63 -1.97	34.53 2.60 -1.70	29.33 1.94 0.00	28.31 2.07 0.00	27.13 1.99 0.00
RCPL_TRUST___DRP 24196	31.75 1.74 0.00	31.68 1.82 0.00	31.03 1.45 0.00	30.94 1.45 0.00	31.09 1.48 0.00	31.51 1.59 0.00	32.64 2.02 0.00	31.46 2.03 0.00	30.72 1.85 0.00	27.17 1.61 0.00	25.90 1.63 0.00	25.15 1.58 0.00	24.29 1.59 0.00	22.58 1.50 0.00	22.91 1.52 0.00	24.70 1.62 0.00	29.00 1.87 0.00	34.84 2.73 0.00	37.99 2.57 -5.17	34.79 2.60 -1.97	34.49 2.57 -1.70	29.36 1.97 0.00	28.18 1.94 0.00	27.05 1.91 0.00
RED___ROCHESTER 323720	28.57 -1.44 0.00	28.16 -1.70 0.00	27.86 -1.72 0.00	27.69 -1.80 0.00	27.83 -1.78 0.00	28.15 -1.77 0.00	28.76 -1.84 0.02	25.86 -2.09 1.48	24.66 -2.14 2.07	23.30 -1.89 0.37	22.44 -1.67 0.16	21.82 -1.74 0.01	20.85 -1.79 0.06	19.38 -1.71 0.00	19.78 -1.60 0.00	21.32 -1.71 0.06	24.06 -2.17 0.90	28.97 -2.34 0.79	29.10 -1.88 -0.72	28.53 -1.96 -0.27	28.17 -2.06 -0.01	25.39 -1.97 0.03	24.30 -1.91 0.03	23.36 -1.78 0.00
REGAN___SOLAR 323812	33.37 3.36 0.00	33.14 3.28 0.00	32.72 3.13 0.00	32.86 3.36 0.00	32.90 3.29 0.00	33.45 3.53 0.00	34.35 3.73 0.00	32.69 3.27 0.01	31.49 2.63 0.01	27.53 1.97 0.00	26.07 1.80 0.00	25.36 1.79 0.00	24.38 1.68 0.00	22.61 1.52 0.00	22.97 1.58 0.00	25.03 1.94 0.00	30.03 2.90 0.00	36.25 4.14 -7.22	41.38 3.90 -2.75	36.65 3.69 -2.38	36.32 3.72 -2.00	30.70 3.31 0.00	29.13 2.89 0.00	27.83 2.69 0.00
RENSSELAER___COGEN 23796	30.70 0.69 0.00	30.46 0.60 0.00	30.11 0.53 0.00	30.08 0.59 0.00	30.17 0.56 0.00	30.61 0.69 0.00	31.41 0.79 0.00	30.25 0.82 0.00	29.71 0.84 0.00	26.32 0.77 0.00	24.84 0.56 0.00	24.16 0.59 0.00	23.31 0.61 0.00	21.66 0.57 0.00	21.94 0.56 0.00	23.76 0.67 0.00	27.89 0.76 0.00	33.14 1.03 0.00	37.58 0.97 -6.36	33.61 0.97 -2.42	33.29 0.97 -2.10	28.18 0.79 0.00	27.00 0.76 0.00	25.82 0.68 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.04 3.03 0.00	32.91 3.05 0.00	32.33 2.75 0.00	32.50 3.01 0.00	32.57 2.96 0.00	33.12 3.20 0.00	34.02 3.40 0.00	32.43 3.00 0.00	31.32 2.45 0.00	27.48 1.92 0.00	25.98 1.70 0.00	25.29 1.72 0.00	24.33 1.63 0.00	22.52 1.43 0.00	22.78 1.39 0.00	24.82 1.73 0.00	29.71 2.58 0.00	35.77 3.66 0.00	40.33 3.51 -6.57	36.07 3.35 -2.50	35.80 3.42 -2.17	30.34 2.96 0.00	28.86 2.62 0.00	27.51 2.36 0.00
REVERE_CPPR_DRP 24186	31.18 1.17 0.00	31.02 1.16 0.00	30.62 1.04 0.00	30.50 1.00 0.00	30.71 1.10 0.00	31.12 1.20 0.00	31.93 1.32 0.00	30.30 1.06 0.20	29.55 0.92 0.24	26.28 0.82 0.09	25.01 0.78 0.04	24.21 0.64 0.00	23.25 0.57 0.01	21.59 0.51 0.00	21.90 0.51 0.00	23.65 0.58 0.01	27.63 0.73 0.23	33.18 1.09 0.02	31.70 1.15 -0.30	31.27 0.94 -0.11	31.26 1.00 -0.04	28.15 0.77 0.00	26.95 0.71 0.00	25.82 0.68 0.00
REYNOLDS_115KV_TB3 80639	30.97 0.96 0.00	30.88 1.02 0.00	30.41 0.83 0.00	30.32 0.83 0.00	30.44 0.83 0.00	30.88 0.96 0.00	31.75 1.13 0.00	30.55 1.12 0.00	29.88 1.01 0.00	26.48 0.92 0.00	25.03 0.75 0.00	24.33 0.75 0.00	23.49 0.79 0.00	21.82 0.74 0.00	22.11 0.73 0.00	23.92 0.83 0.00	28.11 0.98 0.00	33.39 1.28 0.00	37.86 1.24 -6.37	33.85 1.21 -2.42	33.53 1.21 -2.10	28.40 1.01 0.00	27.24 1.00 0.00	26.02 0.88 0.00
RIVERBAY____ 323610	32.11 2.10 0.00	32.07 2.21 0.00	31.39 1.80 0.00	31.26 1.77 0.00	31.45 1.84 0.00	31.75 1.83 0.00	32.95 2.33 0.00	31.73 2.30 0.00	30.95 2.08 0.00	27.35 1.79 0.00	26.07 1.80 0.00	25.32 1.74 0.00	24.45 1.75 0.00	22.73 1.64 0.00	23.06 1.67 0.00	24.86 1.78 0.01	29.19 2.06 0.00	35.10 2.99 0.00	38.20 2.78 -5.17	35.00 2.81 -1.97	34.71 2.78 -1.70	29.49 2.11 0.01	28.47 2.23 0.00	27.36 2.21 -0.01
RIVERSDE_115KV_TB3 55908	30.85 0.84 0.00	30.76 0.90 0.00	30.29 0.71 0.00	30.20 0.71 0.00	30.32 0.71 0.00	30.76 0.84 0.00	31.63 1.01 0.00	30.46 1.03 0.00	29.79 0.92 0.00	26.40 0.84 0.00	24.93 0.66 0.00	24.25 0.68 0.00	23.42 0.73 0.00	21.74 0.65 0.00	22.03 0.64 0.00	23.85 0.76 0.00	28.02 0.90 0.00	33.27 1.16 0.00	37.76 1.12 -6.39	33.77 1.12 -2.43	33.45 1.12 -2.11	28.32 0.93 0.00	27.16 0.92 0.00	25.95 0.80 0.00
ROARING___BROOK_WT_PWR 323790	29.92 -0.09 0.00	29.80 -0.06 0.00	29.52 -0.06 0.00	29.38 -0.12 0.00	29.46 -0.15 0.00	29.65 -0.27 0.00	30.25 -0.37 0.00	29.11 -0.32 0.00	28.61 -0.26 0.00	25.41 -0.15 0.00	24.13 -0.14 0.00	23.41 -0.16 0.00	22.49 -0.20 0.00	20.90 -0.19 0.00	21.17 -0.21 0.00	22.83 -0.25 0.00	26.78 -0.35 0.00	31.40 -0.71 0.00	29.37 -0.88 0.00	29.28 -0.94 0.00	29.25 -0.97 0.00	26.59 -0.80 0.00	25.45 -0.79 0.00	24.41 -0.73 0.00
ROCHESRG_115KV_T4 355643	28.27 -1.74 0.00	28.16 -1.70 0.00	27.66 -1.92 0.00	27.46 -2.04 0.00	27.57 -2.04 0.00	27.89 -2.03 0.00	28.49 -2.11 0.02	25.63 -2.33 1.48	24.47 -2.34 2.06	23.09 -2.10 0.37	22.25 -1.87 0.16	21.61 -1.96 0.01	20.66 -1.97 0.06	19.21 -1.88 0.00	19.61 -1.78 0.00	21.09 -1.94 0.06	23.83 -2.39 0.91	28.70 -2.63 0.78	28.79 -2.18 -0.72	28.23 -2.27 -0.27	27.87 -2.36 0.00	25.11 -2.25 0.03	24.06 -2.15 0.02	23.18 -1.96 0.00
ROCHESTER_9_IC 23652	28.42 -1.59 0.00	28.31 -1.55 0.00	27.78 -1.80 0.00	27.58 -1.92 0.00	27.72 -1.90 0.00	28.03 -1.88 0.00	28.64 -1.96 0.02	25.77 -2.18 1.48	24.60 -2.19 2.07	23.20 -1.99 0.37	22.37 -1.75 0.16	21.72 -1.84 0.01	20.76 -1.88 0.06	19.29 -1.79 0.00	19.70 -1.69 0.00	21.21 -1.82 0.06	23.95 -2.28 0.90	28.84 -2.47 0.79	28.95 -2.03 -0.72	28.38 -2.12 -0.27	28.02 -2.21 -0.01	25.25 -2.11 0.03	24.20 -2.02 0.03	23.31 -1.84 0.00
ROCKVIEW_13_KV_LD 356306	31.75 1.74 0.00	31.68 1.82 0.00	31.06 1.48 0.00	31.00 1.50 0.00	31.12 1.51 0.00	31.54 1.62 0.00	32.64 2.02 0.00	31.46 2.03 0.00	30.69 1.82 0.00	27.12 1.56 0.00	25.86 1.58 0.00	25.08 1.51 0.00	24.22 1.52 0.00	22.50 1.41 0.00	22.82 1.43 0.00	24.66 1.57 0.00	28.97 1.84 0.00	34.78 2.67 0.00	37.96 2.54 -5.17	34.76 2.57 -1.97	34.50 2.57 -1.70	29.36 1.97 0.00	28.16 1.92 0.00	27.00 1.86 0.00



ROME____115KV_TB2 80656	31.18 1.17 0.00	31.02 1.16 0.00	30.62 1.04 0.00	30.50 1.00 0.00	30.71 1.10 0.00	31.12 1.20 0.00	31.93 1.32 0.00	30.30 1.06 0.20	29.55 0.92 0.24	26.28 0.82 0.09	25.01 0.78 0.04	24.21 0.64 0.00	23.25 0.57 0.01	21.59 0.51 0.00	21.90 0.51 0.00	23.65 0.58 0.01	27.63 0.73 0.23	33.18 1.09 0.02	31.70 1.15 -0.30	31.27 0.94 -0.11	31.26 1.00 -0.04	28.15 0.77 0.00	26.95 0.71 0.00	25.82 0.68 0.00
ROSETON____1 23587	31.39 1.38 0.00	31.11 1.25 0.00	30.73 1.15 0.00	30.68 1.18 0.00	30.80 1.19 0.00	31.21 1.29 0.00	32.12 1.50 0.00	30.99 1.56 0.00	30.28 1.41 0.00	26.76 1.20 0.00	25.47 1.19 0.00	24.70 1.13 0.00	23.85 1.16 0.00	22.16 1.07 0.00	22.46 1.07 0.00	24.26 1.18 0.00	28.51 1.38 0.00	34.17 2.06 0.00	37.46 2.00 -5.21	34.20 1.99 -1.98	33.90 1.96 -1.72	28.92 1.53 0.00	27.76 1.52 0.00	26.58 1.43 0.00
ROSETON____2 23588	31.39 1.38 0.00	31.11 1.25 0.00	30.73 1.15 0.00	30.68 1.18 0.00	30.80 1.19 0.00	31.21 1.29 0.00	32.12 1.50 0.00	30.99 1.56 0.00	30.28 1.41 0.00	26.76 1.20 0.00	25.47 1.19 0.00	24.70 1.13 0.00	23.85 1.16 0.00	22.16 1.07 0.00	22.46 1.07 0.00	24.26 1.18 0.00	28.51 1.38 0.00	34.17 2.06 0.00	37.46 2.00 -5.21	34.20 1.99 -1.98	33.90 1.96 -1.72	28.92 1.53 0.00	27.76 1.52 0.00	26.58 1.43 0.00
ROTTTRDAM_115KV_TB3 80664	31.06 1.05 0.00	30.96 1.10 0.00	30.50 0.92 0.00	30.47 0.97 0.00	30.56 0.95 0.00	30.97 1.05 0.00	31.81 1.19 0.00	30.55 1.12 0.00	29.79 0.92 0.00	26.35 0.79 0.00	24.98 0.70 0.00	24.28 0.71 0.00	23.40 0.70 0.00	21.74 0.65 0.00	22.03 0.64 0.00	23.85 0.76 0.00	28.11 0.98 0.00	33.49 1.38 0.00	38.22 1.33 -6.64	34.05 1.30 -2.52	33.71 1.30 -2.19	28.45 1.07 0.00	27.26 1.02 0.00	26.07 0.93 0.00
RUSSELL____1 23602	28.57 -1.44 0.00	28.43 -1.43 0.00	27.92 -1.66 0.00	27.70 -1.80 0.00	27.83 -1.78 0.00	28.15 -1.77 0.00	28.76 -1.84 0.02	25.89 -2.06 1.48	24.72 -2.08 2.07	23.30 -1.89 0.37	22.44 -1.68 0.16	21.82 -1.74 0.01	20.85 -1.79 0.06	19.36 -1.73 0.00	19.78 -1.60 0.00	21.30 -1.73 0.06	24.06 -2.17 0.90	28.97 -2.34 0.79	29.10 -1.88 -0.72	28.53 -1.96 -0.27	28.17 -2.06 -0.01	25.39 -1.97 0.03	24.30 -1.92 0.03	23.38 -1.76 0.00
RUSSELL____2 23532	28.57 -1.44 0.00	28.43 -1.43 0.00	27.92 -1.66 0.00	27.70 -1.80 0.00	27.83 -1.78 0.00	28.15 -1.77 0.00	28.76 -1.84 0.02	25.89 -2.06 1.48	24.72 -2.08 2.07	23.30 -1.89 0.37	22.44 -1.68 0.16	21.82 -1.74 0.01	20.85 -1.79 0.06	19.36 -1.73 0.00	19.78 -1.60 0.00	21.30 -1.73 0.06	24.06 -2.17 0.90	28.97 -2.34 0.79	29.10 -1.88 -0.72	28.53 -1.96 -0.27	28.17 -2.06 -0.01	25.39 -1.97 0.03	24.30 -1.92 0.03	23.38 -1.76 0.00
RUSSELL____3 23549	28.57 -1.44 0.00	28.43 -1.43 0.00	27.92 -1.66 0.00	27.70 -1.80 0.00	27.83 -1.78 0.00	28.15 -1.77 0.00	28.76 -1.84 0.02	25.89 -2.06 1.48	24.72 -2.08 2.07	23.30 -1.89 0.37	22.44 -1.68 0.16	21.82 -1.74 0.01	20.85 -1.79 0.06	19.36 -1.73 0.00	19.78 -1.60 0.00	21.30 -1.73 0.06	24.06 -2.17 0.90	28.97 -2.34 0.79	29.10 -1.88 -0.72	28.53 -1.96 -0.27	28.17 -2.06 -0.01	25.39 -1.97 0.03	24.30 -1.92 0.03	23.38 -1.76 0.00
RUSSELL____4 23556	28.57 -1.44 0.00	28.43 -1.43 0.00	27.92 -1.66 0.00	27.70 -1.80 0.00	27.83 -1.78 0.00	28.15 -1.77 0.00	28.76 -1.84 0.02	25.89 -2.06 1.48	24.72 -2.08 2.07	23.30 -1.89 0.37	22.44 -1.68 0.16	21.82 -1.74 0.01	20.85 -1.79 0.06	19.36 -1.73 0.00	19.78 -1.60 0.00	21.30 -1.73 0.06	24.06 -2.17 0.90	28.97 -2.34 0.79	29.10 -1.88 -0.72	28.53 -1.96 -0.27	28.17 -2.06 -0.01	25.39 -1.97 0.03	24.30 -1.92 0.03	23.38 -1.76 0.00
RUSSELL____STATION 23914	28.57 -1.44 0.00	28.43 -1.43 0.00	27.92 -1.66 0.00	27.70 -1.80 0.00	27.83 -1.78 0.00	28.15 -1.77 0.00	28.76 -1.84 0.02	25.89 -2.06 1.48	24.72 -2.08 2.07	23.30 -1.89 0.37	22.44 -1.68 0.16	21.82 -1.74 0.01	20.85 -1.79 0.06	19.36 -1.73 0.00	19.78 -1.60 0.00	21.30 -1.73 0.06	24.06 -2.17 0.90	28.97 -2.34 0.79	29.10 -1.88 -0.72	28.53 -1.96 -0.27	28.17 -2.06 -0.01	25.39 -1.97 0.03	24.30 -1.92 0.03	23.38 -1.76 0.00
S SALMON____HYD 24043	29.38 -0.63 0.00	29.14 -0.72 0.00	28.84 -0.74 0.00	28.76 -0.74 0.00	28.93 -0.68 0.00	29.29 -0.63 0.00	30.04 -0.58 0.00	28.70 -0.73 0.00	28.09 -0.78 0.00	24.89 -0.66 0.00	23.65 -0.63 0.00	22.89 -0.68 0.00	21.95 -0.75 0.00	20.39 -0.70 0.00	20.70 -0.69 0.00	22.35 -0.74 0.00	26.26 -0.87 0.00	31.31 -0.80 0.00	30.07 -0.64 -0.46	29.61 -0.79 -0.17	29.68 -0.69 -0.15	26.62 -0.77 0.00	25.45 -0.79 0.00	24.34 -0.81 0.00
S.PERRY__115KV_TB1 80734	30.52 0.51 0.00	30.37 0.51 0.00	29.82 0.24 0.00	29.61 0.12 0.00	29.82 0.21 0.00	30.16 0.24 0.00	30.84 0.21 -0.01	28.58 -0.24 0.61	27.70 -0.40 0.76	24.72 -0.56 0.28	23.60 -0.56 0.12	22.98 -0.59 0.01	21.93 -0.73 0.04	20.31 -0.78 0.00	20.70 -0.68 0.00	22.31 -0.74 0.04	25.57 -0.87 0.69	31.42 -0.61 0.08	31.06 -0.24 -1.05	30.29 -0.33 -0.40	30.00 -0.39 -0.17	26.86 -0.52 0.00	25.79 -0.45 0.00	24.67 -0.48 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.55 -2.46 0.00	27.47 -2.39 0.00	26.86 -2.72 0.00	26.60 -2.89 0.00	26.62 -2.99 0.00	26.90 -3.02 0.00	27.33 -3.28 0.01	23.96 -3.94 1.52	22.76 -3.98 2.12	21.67 -3.50 0.38	20.97 -3.16 0.15	20.73 -2.83 0.01	19.72 -2.93 0.05	18.30 -2.78 0.00	18.80 -2.59 0.00	19.94 -3.09 0.05	22.21 -3.96 0.95	26.80 -4.53 0.79	26.97 -3.96 -0.68	26.38 -4.11 -0.26	26.01 -4.20 0.02	23.50 -3.86 0.02	22.86 -3.36 0.02	22.25 -2.89 0.00
SAWYER__23_KV_LOAD 55526	27.55 -2.46 0.00	27.47 -2.39 0.00	26.86 -2.72 0.00	26.60 -2.89 0.00	26.62 -2.99 0.00	26.90 -3.02 0.00	27.33 -3.28 0.01	23.96 -3.94 1.52	22.76 -3.98 2.12	21.67 -3.50 0.38	20.97 -3.16 0.15	20.73 -2.83 0.01	19.72 -2.93 0.05	18.30 -2.78 0.00	18.80 -2.59 0.00	19.94 -3.09 0.05	22.21 -3.96 0.95	26.80 -4.53 0.79	26.97 -3.96 -0.68	26.38 -4.11 -0.26	26.01 -4.20 0.02	23.50 -3.86 0.02	22.86 -3.36 0.02	22.25 -2.89 0.00
SELKIRK____I 23801	30.97 0.96 0.00	30.76 0.89 0.00	30.44 0.86 0.00	30.41 0.92 0.00	30.50 0.89 0.00	30.91 0.99 0.00	31.69 1.07 0.00	30.46 1.03 0.00	29.82 0.95 0.00	26.38 0.82 0.00	24.93 0.66 0.00	24.25 0.68 0.00	23.38 0.68 0.00	21.72 0.63 0.00	22.01 0.62 0.00	23.83 0.74 0.00	28.02 0.89 0.00	33.33 1.22 0.00	37.67 1.15 -6.26	33.75 1.15 -2.38	33.43 1.15 -2.07	28.37 0.98 0.00	27.16 0.92 0.00	26.00 0.86 0.00
SELKIRK____II 23799	30.79 0.78 0.00	30.58 0.72 0.00	30.23 0.65 0.00	30.17 0.68 0.00	30.26 0.65 0.00	30.70 0.78 0.00	31.51 0.89 0.00	30.31 0.88 0.00	29.71 0.84 0.00	26.30 0.74 0.00	24.88 0.61 0.00	24.18 0.61 0.00	23.33 0.63 0.00	21.68 0.59 0.00	21.97 0.58 0.00	23.76 0.67 0.00	27.92 0.79 0.00	33.20 1.09 0.00	37.64 1.06 -6.33	33.66 1.03 -2.41	33.34 1.03 -2.09	28.24 0.85 0.00	27.06 0.81 0.00	25.90 0.75 0.00



SENECA OSWGO___HYD 24041	29.02 -0.99 0.00	28.76 -1.10 0.00	28.49 -1.09 0.00	28.37 -1.12 0.00	28.55 -1.06 0.00	28.87 -1.05 0.00	29.61 -1.01 0.00	28.41 -1.12 -0.10	27.86 -1.13 -0.12	24.58 -1.02 -0.05	23.33 -0.97 -0.02	22.58 -0.99 0.00	21.71 -1.00 -0.01	20.16 -0.93 0.00	20.47 -0.92 0.00	22.10 -0.99 -0.01	26.11 -1.14 -0.12	30.97 -1.15 -0.01	29.80 -0.97 -0.51	29.39 -1.03 -0.20	29.39 -1.03 -0.20	26.37 -1.01 0.00	25.24 -1.00 0.00	24.14 -1.01 0.00
SENECA___115KV_TB3 355854	27.97 -2.04 0.00	27.86 -2.00 0.00	27.24 -2.34 0.00	26.99 -2.51 0.00	27.00 -2.61 0.00	27.26 -2.66 0.00	27.70 -2.91 0.01	24.18 -3.80 1.45	22.98 -3.87 2.02	21.76 -3.42 0.37	21.05 -3.08 0.15	20.99 -2.57 0.01	19.97 -2.68 0.05	18.53 -2.55 0.00	19.01 -2.37 0.00	20.06 -2.98 0.05	22.32 -3.88 0.93	26.98 -4.40 0.74	27.07 -3.90 -0.72	26.45 -4.05 -0.28	26.12 -4.11 0.00	23.59 -3.78 0.02	23.08 -3.15 0.02	22.48 -2.67 0.00
SENECA___ENERGY 23797	29.47 -0.54 0.00	29.14 -0.72 0.00	28.87 -0.71 0.00	28.73 -0.77 0.00	28.90 -0.71 0.00	29.26 -0.66 0.00	30.01 -0.67 -0.07	29.83 -0.88 -1.28	30.06 -0.95 -2.14	24.51 -0.87 0.18	23.37 -0.83 0.08	22.74 -0.83 0.00	21.78 -0.89 0.03	20.24 -0.84 0.00	20.60 -0.79 0.00	22.16 -0.90 0.03	25.66 -1.03 0.44	32.79 -0.96 -1.64	30.33 -0.69 -0.77	29.76 -0.75 -0.29	29.58 -0.79 -0.14	26.62 -0.82 -0.05	25.51 -0.79 -0.06	24.36 -0.78 0.00
SHOEMAKER___GT 23640	31.21 1.20 0.00	30.93 1.07 0.00	30.56 0.97 0.00	30.53 1.03 0.00	30.62 1.01 0.00	31.03 1.11 0.00	31.93 1.32 0.00	30.76 1.33 0.00	30.02 1.16 0.00	26.53 0.97 0.00	25.25 0.97 0.00	24.47 0.90 0.00	23.61 0.91 0.00	21.93 0.84 0.00	22.24 0.86 0.00	24.03 0.95 0.00	28.27 1.14 0.00	33.88 1.76 0.00	36.75 1.75 -4.75	33.75 1.72 -1.80	33.51 1.72 -1.56	28.70 1.31 0.00	27.55 1.31 0.00	26.35 1.21 0.00
SHOEMAKR_138KV_BK 111 55601	31.21 1.20 0.00	31.14 1.28 0.00	30.59 1.01 0.00	30.50 1.00 0.00	30.62 1.01 0.00	31.03 1.11 0.00	32.03 1.41 0.00	30.78 1.35 0.00	30.02 1.15 0.01	26.53 0.97 0.00	25.25 0.97 0.00	24.49 0.92 0.00	23.63 0.93 0.00	21.95 0.86 0.00	22.26 0.88 0.00	24.06 0.97 0.00	28.29 1.17 0.00	33.90 1.80 0.00	36.72 1.75 -4.71	33.77 1.75 -1.79	33.50 1.72 -1.55	28.70 1.31 0.00	27.53 1.29 0.00	26.35 1.21 0.00
SHOREHAM_IC_1 23715	32.47 2.46 0.00	32.13 2.27 0.00	31.65 2.07 0.00	31.44 1.95 0.00	31.71 2.10 0.00	32.19 2.27 0.00	32.88 2.27 0.00	32.44 2.65 -0.35	31.26 2.39 0.00	27.48 1.92 0.00	26.37 2.09 0.00	25.48 1.91 0.00	24.74 2.04 0.00	22.90 1.81 0.00	23.16 1.77 0.00	27.46 2.03 -2.34	31.47 2.47 -1.87	43.01 3.53 -7.37	48.51 3.24 -15.02	43.76 3.29 -10.25	39.62 3.35 -6.05	36.21 2.79 -6.03	32.66 2.75 -3.67	29.17 2.59 -1.44
SHOREHAM_IC_2 23716	32.47 2.46 0.00	32.13 2.27 0.00	31.65 2.07 0.00	31.44 1.95 0.00	31.71 2.10 0.00	32.19 2.27 0.00	32.88 2.27 0.00	32.44 2.65 -0.35	31.26 2.39 0.00	27.48 1.92 0.00	26.37 2.09 0.00	25.48 1.91 0.00	24.74 2.04 0.00	22.90 1.81 0.00	23.16 1.77 0.00	27.46 2.03 -2.34	31.47 2.47 -1.87	43.01 3.53 -7.37	48.51 3.24 -15.02	43.76 3.29 -10.25	39.62 3.35 -6.05	36.21 2.79 -6.03	32.66 2.75 -3.67	29.17 2.59 -1.44
SISSONVILLE___ 23735	29.62 -0.39 0.00	29.38 -0.48 0.00	29.43 -0.15 0.00	29.32 -0.18 0.00	29.49 -0.12 0.00	29.50 -0.42 0.00	29.98 -0.64 0.00	28.90 -0.53 0.00	28.46 -0.40 0.00	25.30 -0.26 0.00	24.03 -0.24 0.00	23.45 -0.12 0.00	22.49 -0.20 0.00	20.88 -0.21 0.00	21.15 -0.24 0.00	22.81 -0.28 0.00	26.72 -0.41 0.00	31.24 -0.87 0.00	29.40 -0.94 -0.09	29.23 -1.03 -0.03	29.22 -1.03 -0.03	26.56 -0.82 0.00	25.53 -0.71 0.00	24.49 -0.65 0.00
SITHE_IND_GS1 24169	28.69 -1.32 0.00	28.46 -1.40 0.00	28.19 -1.39 0.00	28.08 -1.42 0.00	28.22 -1.39 0.00	28.54 -1.38 0.00	29.24 -1.38 0.00	24.44 -1.41 3.58	23.03 -1.41 4.42	22.59 -1.28 1.69	22.32 -1.21 0.74	22.33 -1.20 0.04	21.25 -1.18 0.26	20.01 -1.07 0.00	20.30 -1.09 0.00	21.65 -1.18 0.26	21.58 -1.38 4.17	30.26 -1.51 0.35	29.35 -1.33 -0.42	28.99 -1.39 -0.16	27.91 -1.39 0.92	26.06 -1.31 0.01	24.96 -1.29 0.00	23.91 -1.23 0.00
SITHE_IND_GS2 24170	28.69 -1.32 0.00	28.46 -1.40 0.00	28.19 -1.39 0.00	28.08 -1.42 0.00	28.22 -1.39 0.00	28.54 -1.38 0.00	29.24 -1.38 0.00	24.44 -1.41 3.58	23.03 -1.41 4.42	22.59 -1.28 1.69	22.32 -1.21 0.74	22.33 -1.20 0.04	21.25 -1.18 0.26	20.01 -1.07 0.00	20.30 -1.09 0.00	21.65 -1.18 0.26	21.58 -1.38 4.17	30.26 -1.51 0.35	29.35 -1.33 -0.42	28.99 -1.39 -0.16	27.91 -1.39 0.92	26.06 -1.31 0.01	24.96 -1.29 0.00	23.91 -1.23 0.00
SITHE_IND_GS3 24171	28.69 -1.32 0.00	28.46 -1.40 0.00	28.19 -1.39 0.00	28.08 -1.42 0.00	28.22 -1.39 0.00	28.54 -1.38 0.00	29.24 -1.38 0.00	24.44 -1.41 3.58	23.03 -1.41 4.42	22.59 -1.28 1.69	22.32 -1.21 0.74	22.33 -1.20 0.04	21.25 -1.18 0.26	20.01 -1.07 0.00	20.30 -1.09 0.00	21.65 -1.18 0.26	21.58 -1.38 4.17	30.26 -1.51 0.35	29.35 -1.33 -0.42	28.99 -1.39 -0.16	27.91 -1.39 0.92	26.06 -1.31 0.01	24.96 -1.29 0.00	23.91 -1.23 0.00
SITHE_IND_GS4 24172	28.69 -1.32 0.00	28.46 -1.40 0.00	28.19 -1.39 0.00	28.08 -1.42 0.00	28.22 -1.39 0.00	28.54 -1.38 0.00	29.24 -1.38 0.00	24.44 -1.41 3.58	23.03 -1.41 4.42	22.59 -1.28 1.69	22.32 -1.21 0.74	22.33 -1.20 0.04	21.25 -1.18 0.26	20.01 -1.07 0.00	20.30 -1.09 0.00	21.65 -1.18 0.26	21.58 -1.38 4.17	30.26 -1.51 0.35	29.35 -1.33 -0.42	28.99 -1.39 -0.16	27.91 -1.39 0.92	26.06 -1.31 0.01	24.96 -1.29 0.00	23.91 -1.23 0.00
SITHE___BATAVIA 24024	28.24 -1.77 0.00	27.77 -2.09 0.00	27.51 -2.07 0.00	27.28 -2.21 0.00	27.39 -2.22 0.00	27.68 -2.24 0.00	28.12 -2.48 0.01	24.89 -3.03 1.51	23.63 -3.12 2.12	22.45 -2.73 0.37	21.69 -2.43 0.16	21.25 -2.31 0.01	20.21 -2.43 0.06	18.77 -2.32 0.00	19.25 -2.14 0.00	20.56 -2.47 0.06	23.05 -3.15 0.93	27.81 -3.50 0.80	28.05 -2.90 -0.70	27.50 -2.99 -0.27	27.13 -3.08 0.01	24.43 -2.93 0.02	23.57 -2.65 0.02	22.78 -2.36 0.00
SITHE___INDEPEND 23800	28.69 -1.32 0.00	28.55 -1.31 0.00	28.19 -1.39 0.00	28.08 -1.42 0.00	28.22 -1.39 0.00	28.54 -1.38 0.00	29.24 -1.38 0.00	24.44 -1.41 3.58	23.03 -1.41 4.42	22.59 -1.28 1.69	22.32 -1.21 0.74	22.33 -1.20 0.04	21.25 -1.18 0.26	20.01 -1.08 0.00	20.30 -1.09 0.00	21.65 -1.18 0.26	21.58 -1.38 4.17	30.26 -1.51 0.35	29.35 -1.33 -0.42	28.99 -1.39 -0.16	27.91 -1.39 0.92	26.06 -1.31 0.01	24.96 -1.29 0.00	23.91 -1.23 0.00
SITHE___MASSENA 23902	30.07 0.06 0.00	30.10 0.24 0.00	29.91 0.33 0.00	29.76 0.26 0.00	29.91 0.30 0.00	30.04 0.12 0.00	30.59 -0.03 0.00	29.43 0.00 0.00	28.96 0.09 0.00	25.71 0.15 0.00	24.42 0.15 0.00	23.83 0.26 0.00	22.90 0.20 0.00	21.28 0.19 0.00	21.56 0.17 0.00	23.25 0.16 0.00	27.21 0.08 0.00	31.82 -0.29 0.00	29.86 -0.39 0.00	29.80 -0.42 0.00	29.80 -0.42 0.00	27.17 -0.22 0.00	26.03 -0.21 0.00	24.99 -0.15 0.00



SITHE___OGDNSBRG 24021	30.34 0.33 0.00	30.10 0.24 0.00	30.17 0.59 0.00	30.05 0.56 0.00	30.20 0.59 0.00	30.31 0.39 0.00	30.77 0.15 0.00	29.67 0.24 0.00	29.19 0.32 0.00	25.94 0.38 0.00	24.64 0.36 0.00	24.02 0.45 0.00	23.06 0.36 0.00	21.42 0.34 0.00	21.69 0.30 0.00	23.41 0.32 0.00	27.45 0.33 0.00	32.08 -0.03 0.00	30.13 -0.12 0.00	29.98 -0.24 0.00	30.01 -0.21 0.00	27.36 -0.03 0.00	26.21 -0.03 0.00	25.14 0.00 0.00
SITHE___STERLING 23777	30.88 0.87 0.00	30.64 0.78 0.00	30.32 0.74 0.00	30.20 0.71 0.00	30.41 0.80 0.00	30.82 0.90 0.00	31.60 0.98 0.00	29.96 0.76 0.24	29.24 0.66 0.29	26.01 0.56 0.11	24.76 0.53 0.05	23.99 0.42 0.00	23.07 0.39 0.02	21.42 0.34 0.00	21.75 0.36 0.00	23.46 0.39 0.02	27.37 0.51 0.27	32.89 0.80 0.02	31.48 0.88 -0.35	31.05 0.70 -0.13	31.02 0.76 -0.05	27.96 0.58 0.00	26.77 0.52 0.00	25.65 0.50 0.00
SLEIGHT__34_KV_TB1 80719	28.75 -1.26 0.00	28.64 -1.22 0.00	28.16 -1.42 0.00	27.99 -1.50 0.00	28.16 -1.45 0.00	28.48 -1.44 0.00	29.16 -1.44 0.02	26.41 -1.62 1.40	25.24 -1.65 1.98	23.74 -1.51 0.31	22.78 -1.36 0.14	22.13 -1.44 0.01	21.15 -1.50 0.05	19.65 -1.43 0.00	20.04 -1.35 0.00	21.61 -1.43 0.05	24.63 -1.74 0.76	29.46 -1.83 0.82	29.52 -1.45 -0.72	28.95 -1.54 -0.27	28.69 -1.57 -0.04	25.82 -1.53 0.03	24.69 -1.52 0.03	23.68 -1.46 0.00
SOUTH CAIRO___GT 23612	31.93 1.92 0.00	31.71 1.85 0.00	31.39 1.80 0.00	31.41 1.92 0.00	31.51 1.90 0.00	31.92 2.00 0.00	32.79 2.17 0.00	31.34 1.91 0.00	30.63 1.76 0.00	26.91 1.35 0.00	25.30 1.02 0.00	24.49 0.92 0.00	23.58 0.88 0.00	21.91 0.82 0.00	22.22 0.83 0.00	24.20 1.11 0.00	28.70 1.57 0.00	34.36 2.25 0.00	38.37 2.09 -6.04	34.48 1.96 -2.30	34.18 1.96 -1.99	29.17 1.78 0.00	27.90 1.65 0.00	26.63 1.48 0.00
SOUTH HAMPTN___IC 23720	32.83 2.82 0.00	32.49 2.63 0.00	32.01 2.43 0.00	31.80 2.30 0.00	32.07 2.46 0.00	32.55 2.63 0.00	33.34 2.72 0.00	32.82 3.03 -0.35	31.61 2.74 0.00	27.76 2.20 0.00	26.63 2.35 0.00	25.72 2.14 0.00	24.97 2.27 0.00	23.09 2.00 0.00	23.38 1.99 0.00	27.71 2.29 -2.34	31.77 2.77 -1.87	43.39 3.92 -7.37	48.85 3.63 -14.97	44.09 3.66 -10.22	39.99 3.72 -6.05	36.48 3.07 -6.03	32.92 3.02 -3.67	29.42 2.84 -1.44
SOUTHDOW_115KV_TB1 355954	29.20 -0.81 0.00	29.08 -0.78 0.00	28.37 -1.21 0.00	28.08 -1.42 0.00	28.07 -1.54 0.00	28.27 -1.65 0.00	28.59 -2.02 0.01	25.08 -3.09 1.26	23.87 -3.26 1.73	22.30 -2.91 0.35	21.47 -2.67 0.14	21.68 -1.89 0.01	20.61 -2.04 0.05	19.08 -2.00 0.00	19.48 -1.90 0.00	20.36 -2.68 0.05	22.71 -3.55 0.87	27.57 -3.95 0.59	27.56 -3.51 -0.82	26.85 -3.69 -0.31	26.55 -3.72 -0.05	23.95 -3.42 0.01	23.60 -2.62 0.01	22.91 -2.24 0.00
SOUTHOLD_69_KV_BK 2 55809	33.28 3.27 0.00	33.17 3.31 0.00	32.48 2.90 0.00	32.21 2.71 0.00	32.51 2.90 0.00	33.03 3.11 0.00	34.11 3.49 0.00	33.38 3.59 -0.35	32.10 3.23 0.00	28.17 2.61 0.00	26.97 2.69 0.00	26.05 2.47 0.00	25.29 2.59 0.00	23.38 2.30 0.00	23.65 2.27 0.00	28.01 2.59 -2.34	32.15 3.15 -1.87	43.97 4.50 -7.37	49.37 4.14 -14.97	44.61 4.17 -10.21	40.47 4.20 -6.05	36.89 3.48 -6.03	33.21 3.31 -3.67	29.75 3.17 -1.44
SOUTHOLD___IC 23719	33.28 3.27 0.00	32.94 3.08 0.00	32.45 2.87 0.00	32.21 2.71 0.00	32.51 2.90 0.00	33.03 3.11 0.00	33.86 3.24 0.00	33.35 3.56 -0.35	32.10 3.23 0.00	28.17 2.61 0.00	26.97 2.69 0.00	26.05 2.47 0.00	25.28 2.59 0.00	23.36 2.28 0.00	23.65 2.27 0.00	28.01 2.59 -2.34	32.14 3.15 -1.87	43.97 4.50 -7.37	49.37 4.14 -14.97	44.61 4.17 -10.21	40.47 4.20 -6.05	36.89 3.48 -6.03	33.27 3.36 -3.67	29.75 3.17 -1.44
SOUTH_FORK_WT_PWR 323839	33.28 3.27 0.00	32.94 3.08 0.00	32.45 2.87 0.00	32.21 2.71 0.00	32.51 2.90 0.00	33.03 3.11 0.00	33.86 3.24 0.00	33.40 3.62 -0.35	32.13 3.26 0.00	28.19 2.63 0.00	27.00 2.72 0.00	26.07 2.50 0.00	25.31 2.61 0.00	23.41 2.32 0.00	23.65 2.27 0.00	28.01 2.59 -2.34	32.12 3.12 -1.87	43.97 4.50 -7.37	49.37 4.14 -14.97	44.61 4.17 -10.21	40.47 4.20 -6.05	36.89 3.48 -6.03	33.27 3.36 -3.67	29.75 3.17 -1.44
SPIERFLS_115KV_TB 1 80737	31.72 1.71 0.00	31.59 1.73 0.00	31.09 1.51 0.00	31.15 1.65 0.00	31.21 1.60 0.00	31.69 1.77 0.00	32.55 1.93 0.00	31.17 1.74 0.00	30.25 1.39 0.00	26.66 1.10 0.00	25.25 0.97 0.00	24.56 0.99 0.00	23.65 0.95 0.00	21.93 0.84 0.00	22.22 0.83 0.00	24.13 1.04 0.00	28.65 1.52 0.00	34.29 2.18 0.00	38.95 2.12 -6.58	34.75 2.02 -2.50	34.44 2.06 -2.17	29.11 1.73 0.00	27.79 1.55 0.00	26.53 1.38 0.00
ST LAWRENCE____ 23600	29.77 -0.24 0.00	29.80 -0.06 0.00	29.61 0.03 0.00	29.49 0.00 0.00	29.61 0.00 0.00	29.77 -0.15 0.00	30.31 -0.31 0.00	29.19 -0.24 0.00	28.75 -0.12 0.00	25.51 -0.05 0.00	24.23 -0.05 0.00	23.57 0.00 0.00	22.68 -0.02 0.00	21.07 -0.02 0.00	21.35 -0.04 0.00	23.02 -0.07 0.00	27.02 -0.11 0.00	31.60 -0.52 0.00	29.65 -0.60 0.00	29.65 -0.58 0.00	29.65 -0.58 0.00	27.03 -0.36 0.00	25.90 -0.34 0.00	24.84 -0.30 0.00
STATE_CA_115KV_115_LB 55624	30.85 0.84 0.00	30.73 0.87 0.00	30.26 0.68 0.00	30.20 0.71 0.00	30.29 0.68 0.00	30.76 0.84 0.00	31.63 1.01 0.00	30.43 1.00 0.00	29.79 0.92 0.00	26.40 0.84 0.00	24.93 0.66 0.00	24.23 0.66 0.00	23.40 0.70 0.00	21.72 0.63 0.00	22.01 0.62 0.00	23.83 0.74 0.00	28.00 0.87 0.00	33.27 1.16 0.00	37.80 1.12 -6.43	33.75 1.09 -2.44	33.46 1.12 -2.12	28.32 0.93 0.00	27.16 0.92 0.00	25.92 0.78 0.00
STATE_ST_34_KV_LOAD 55959	29.74 -0.27 0.00	29.59 -0.27 0.00	29.17 -0.41 0.00	29.02 -0.47 0.00	29.20 -0.41 0.00	29.56 -0.36 0.00	30.37 -0.28 -0.03	29.23 -0.47 -0.27	28.88 -0.52 -0.54	24.90 -0.51 0.15	23.73 -0.49 0.07	23.05 -0.52 0.00	22.11 -0.57 0.02	20.56 -0.53 0.00	20.90 -0.49 0.00	22.51 -0.55 0.02	26.13 -0.62 0.37	32.20 -0.48 -0.57	30.74 -0.27 -0.76	30.18 -0.33 -0.29	30.01 -0.36 -0.16	26.94 -0.47 -0.02	25.79 -0.47 -0.02	24.64 -0.50 0.00
STATION 5_MISC_HYD 23604	28.42 -1.59 0.00	28.04 -1.82 0.00	27.75 -1.83 0.00	27.58 -1.92 0.00	27.71 -1.90 0.00	28.04 -1.88 0.00	28.64 -1.96 0.02	25.74 -2.21 1.48	24.54 -2.25 2.07	23.20 -1.99 0.37	22.35 -1.77 0.16	21.72 -1.84 0.01	20.76 -1.88 0.06	19.29 -1.79 0.00	19.70 -1.69 0.00	21.25 -1.78 0.06	23.95 -2.28 0.90	28.81 -2.50 0.79	28.95 -2.03 -0.72	28.38 -2.12 -0.27	28.02 -2.20 -0.01	25.25 -2.11 0.03	24.20 -2.02 0.03	23.28 -1.86 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.20 -0.81 0.00	29.05 -0.81 0.00	28.58 -1.01 0.00	28.37 -1.12 0.00	28.54 -1.07 0.00	28.90 -1.02 0.00	29.50 -1.07 0.05	26.07 -1.27 2.09	24.46 -1.33 3.08	24.00 -1.25 0.30	23.03 -1.12 0.13	22.39 -1.18 0.01	21.40 -1.25 0.05	19.88 -1.20 0.00	20.25 -1.13 0.00	21.84 -1.20 0.05	24.89 -1.49 0.75	29.07 -1.51 1.53	29.83 -1.15 -0.73	29.29 -1.21 -0.28	29.00 -1.27 -0.05	26.05 -1.29 0.05	24.96 -1.23 0.05	23.96 -1.18 0.00



STA_56___34_KV_BUS2_REV_LBMP_B 345033	28.36 -1.65 0.00	28.25 -1.61 0.00	27.72 -1.86 0.00	27.55 -1.95 0.00	27.69 -1.92 0.00	27.98 -1.94 0.00	28.57 -2.02 0.02	25.65 -2.18 1.60	24.41 -2.19 2.27	23.20 -1.99 0.36	22.35 -1.77 0.16	21.70 -1.86 0.01	20.73 -1.91 0.06	19.27 -1.81 0.00	19.68 -1.71 0.00	21.21 -1.82 0.06	23.98 -2.25 0.89	28.72 -2.47 0.92	28.94 -2.03 -0.72	28.38 -2.12 -0.27	28.02 -2.21 -0.01	25.25 -2.11 0.03	24.19 -2.02 0.03	23.26 -1.89 0.00
STA_56___34_KV_BUS2 355983	28.36 -1.65 0.00	28.25 -1.61 0.00	27.72 -1.86 0.00	27.55 -1.95 0.00	27.69 -1.92 0.00	27.98 -1.94 0.00	28.57 -2.02 0.02	25.65 -2.18 1.60	24.41 -2.19 2.27	23.20 -1.99 0.36	22.35 -1.77 0.16	21.70 -1.86 0.01	20.73 -1.91 0.06	19.27 -1.81 0.00	19.68 -1.71 0.00	21.21 -1.82 0.06	23.98 -2.25 0.89	28.72 -2.47 0.92	28.94 -2.03 -0.72	28.38 -2.12 -0.27	28.02 -2.21 -0.01	25.25 -2.11 0.03	24.19 -2.02 0.03	23.26 -1.89 0.00
STA_67___115KV_BK2 355882	28.36 -1.65 0.00	28.25 -1.61 0.00	27.75 -1.83 0.00	27.55 -1.95 0.00	27.66 -1.95 0.00	27.98 -1.94 0.00	28.58 -2.02 0.02	25.71 -2.24 1.48	24.54 -2.25 2.07	23.17 -2.02 0.37	22.32 -1.80 0.16	21.68 -1.89 0.01	20.71 -1.93 0.06	19.25 -1.83 0.00	19.66 -1.73 0.00	21.16 -1.87 0.06	23.92 -2.31 0.90	28.78 -2.54 0.79	28.88 -2.09 -0.72	28.32 -2.18 -0.27	27.96 -2.27 -0.01	25.20 -2.16 0.03	24.14 -2.07 0.03	23.26 -1.89 0.00
STA_7___115KV_9TRANS 80674	28.57 -1.44 0.00	28.43 -1.43 0.00	27.92 -1.66 0.00	27.70 -1.80 0.00	27.83 -1.78 0.00	28.15 -1.77 0.00	28.76 -1.84 0.02	25.89 -2.06 1.48	24.72 -2.08 2.07	23.30 -1.89 0.37	22.44 -1.68 0.16	21.82 -1.74 0.01	20.85 -1.79 0.06	19.36 -1.73 0.00	19.78 -1.60 0.00	21.30 -1.73 0.06	24.06 -2.17 0.90	28.97 -2.34 0.79	29.10 -1.88 -0.72	28.53 -1.96 -0.27	28.17 -2.06 -0.01	25.39 -1.97 0.03	24.30 -1.92 0.03	23.38 -1.76 0.00
STA_82___115KV_TB1 80780	28.39 -1.62 0.00	28.28 -1.58 0.00	27.75 -1.83 0.00	27.55 -1.95 0.00	27.69 -1.92 0.00	28.01 -1.91 0.00	28.58 -2.02 0.02	25.74 -2.21 1.49	24.56 -2.22 2.08	23.18 -2.02 0.36	22.32 -1.80 0.16	21.70 -1.86 0.01	20.73 -1.91 0.06	19.25 -1.83 0.00	19.68 -1.71 0.00	21.18 -1.85 0.06	23.93 -2.31 0.90	28.77 -2.54 0.80	28.92 -2.06 -0.72	28.32 -2.18 -0.27	27.99 -2.24 -0.01	25.22 -2.14 0.03	24.17 -2.05 0.03	23.28 -1.86 0.00
STEEL___WIND 323596	27.94 -2.07 0.00	27.38 -2.48 0.00	27.16 -2.43 0.00	26.96 -2.54 0.00	26.98 -2.64 0.00	27.26 -2.66 0.00	27.55 -3.06 0.01	24.12 -3.85 1.45	22.87 -3.98 2.02	21.76 -3.42 0.37	21.00 -3.13 0.15	20.97 -2.59 0.01	19.90 -2.75 0.05	18.53 -2.55 0.00	18.99 -2.39 0.00	19.87 -3.16 0.05	22.27 -3.93 0.93	26.91 -4.46 0.74	27.04 -3.93 -0.72	26.42 -4.08 -0.28	26.09 -4.14 0.00	23.56 -3.81 0.02	23.05 -3.18 0.02	22.43 -2.72 0.00
STEPHTWN_115KV_BK_2 55603	31.15 1.14 0.00	31.02 1.16 0.00	30.53 0.95 0.00	30.50 1.00 0.00	30.62 1.01 0.00	31.09 1.17 0.00	31.97 1.35 0.00	30.73 1.29 0.00	30.05 1.18 0.00	26.61 1.05 0.00	25.10 0.83 0.00	24.42 0.85 0.00	23.56 0.86 0.00	21.87 0.78 0.00	22.16 0.77 0.00	24.01 0.92 0.00	28.24 1.11 0.00	33.62 1.51 0.00	38.06 1.45 -6.36	34.06 1.42 -2.42	33.74 1.42 -2.10	28.62 1.23 0.00	27.42 1.18 0.00	26.17 1.03 0.00
STEUBEN_REC_LFGE 323667	31.09 1.08 0.00	30.91 1.05 0.00	30.38 0.80 0.00	30.17 0.68 0.00	30.32 0.71 0.00	30.67 0.75 0.00	31.35 0.70 -0.03	29.60 0.03 -0.14	29.04 -0.20 -0.38	25.03 -0.31 0.22	23.82 -0.36 0.09	23.40 -0.16 0.01	22.30 -0.36 0.03	20.66 -0.42 0.00	21.00 -0.38 0.00	22.43 -0.62 0.03	25.80 -0.79 0.54	32.10 -0.58 -0.57	31.20 -0.30 -1.25	30.27 -0.42 -0.48	30.01 -0.48 -0.27	26.83 -0.58 -0.02	25.87 -0.39 -0.02	24.79 -0.35 0.00
STILLWATER___SOLAR 323814	31.63 1.62 0.00	31.41 1.55 0.00	31.03 1.45 0.00	31.03 1.53 0.00	31.12 1.51 0.00	31.56 1.64 0.00	32.39 1.78 0.00	31.08 1.65 0.00	30.25 1.39 0.00	26.68 1.12 0.00	25.30 1.02 0.00	24.58 1.01 0.00	23.70 1.00 0.00	21.99 0.91 0.00	22.29 0.90 0.00	24.17 1.09 0.00	28.59 1.46 0.00	34.17 2.06 0.00	38.76 1.97 -6.55	34.62 1.91 -2.49	34.32 1.94 -2.16	29.03 1.64 0.00	27.71 1.47 0.00	26.53 1.38 0.00
STONY___BROOK 24151	32.56 2.55 0.00	32.19 2.33 0.00	31.74 2.16 0.00	31.53 2.03 0.00	31.80 2.19 0.00	32.26 2.34 0.00	33.13 2.51 0.00	32.55 2.77 -0.35	31.35 2.48 0.00	27.58 2.02 0.00	26.39 2.11 0.00	25.50 1.93 0.00	24.76 2.07 0.00	22.92 1.83 0.00	23.27 1.88 0.00	27.57 2.15 -2.34	31.58 2.58 -1.87	43.11 3.63 -7.37	49.16 3.39 -15.52	44.23 3.38 -10.62	39.65 3.38 -6.05	36.18 2.76 -6.03	32.64 2.73 -3.67	29.15 2.57 -1.44
STURGEON_POOL_HYD 23609	31.63 1.62 0.00	31.56 1.70 0.00	30.85 1.27 0.00	30.76 1.27 0.00	30.88 1.27 0.00	31.27 1.35 0.00	32.33 1.71 0.00	31.08 1.65 0.00	30.28 1.41 0.00	26.73 1.18 0.00	25.47 1.19 0.00	24.68 1.11 0.00	23.81 1.11 0.00	22.12 1.03 0.00	22.44 1.05 0.00	24.27 1.18 0.00	28.54 1.41 0.00	34.29 2.18 0.00	37.59 2.00 -5.34	34.28 2.02 -2.03	33.98 1.99 -1.76	28.97 1.59 0.00	27.79 1.55 0.00	26.65 1.51 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.36 1.35 0.00	31.29 1.43 0.00	30.71 1.12 0.00	30.64 1.15 0.00	30.74 1.13 0.00	31.15 1.23 0.00	32.18 1.56 0.00	30.96 1.53 0.00	30.20 1.33 0.00	26.68 1.12 0.00	25.42 1.14 0.00	24.63 1.06 0.00	23.79 1.09 0.00	22.10 1.01 0.00	22.39 1.01 0.00	24.20 1.11 0.00	28.46 1.33 0.00	34.13 2.02 0.00	37.07 1.97 -4.85	34.03 1.96 -1.84	33.78 1.96 -1.60	28.89 1.51 0.00	27.68 1.44 0.00	26.53 1.38 0.00
SWANROAD_115KV_TB1 355699	26.92 -3.09 0.00	26.84 -3.02 0.00	26.24 -3.34 0.00	25.98 -3.51 0.00	25.94 -3.67 0.00	26.21 -3.71 0.00	26.66 -3.95 0.01	23.31 -4.59 1.53	22.14 -4.59 2.13	21.16 -4.01 0.38	20.51 -3.62 0.15	20.17 -3.39 0.01	19.19 -3.45 0.05	17.82 -3.27 0.00	18.31 -3.08 0.00	19.48 -3.56 0.05	21.65 -4.53 0.95	26.08 -5.23 0.80	26.34 -4.60 -0.68	25.80 -4.68 -0.26	25.43 -4.78 0.02	22.96 -4.41 0.02	22.29 -3.94 0.02	21.72 -3.42 0.00
SYNERGY___BIOGAS 323694	28.24 -1.77 0.00	27.77 -2.09 0.00	27.51 -2.07 0.00	27.28 -2.21 0.00	27.39 -2.22 0.00	27.68 -2.24 0.00	28.12 -2.48 0.01	24.89 -3.03 1.51	23.63 -3.12 2.12	22.45 -2.73 0.37	21.69 -2.43 0.16	21.25 -2.31 0.01	20.21 -2.43 0.06	18.77 -2.32 0.00	19.25 -2.14 0.00	20.56 -2.47 0.06	23.05 -3.15 0.93	27.81 -3.50 0.80	28.05 -2.90 -0.70	27.50 -2.99 -0.27	27.13 -3.08 0.01	24.43 -2.93 0.02	23.57 -2.65 0.02	22.78 -2.36 0.00
SYRACUSE___ENERGY_ST1 323597	29.50 -0.51 0.00	29.35 -0.51 0.00	28.96 -0.62 0.00	28.85 -0.65 0.00	28.99 -0.62 0.00	29.32 -0.60 0.00	30.11 -0.52 -0.01	28.68 -0.65 0.10	28.11 -0.69 0.07	24.77 -0.66 0.13	23.59 -0.63 0.05	22.91 -0.66 0.00	22.00 -0.68 0.02	20.45 -0.63 0.00	20.79 -0.60 0.00	22.40 -0.67 0.02	26.06 -0.76 0.31	31.55 -0.71 -0.14	30.37 -0.51 -0.63	29.89 -0.57 -0.24	29.78 -0.57 -0.13	26.79 -0.60 0.00	25.64 -0.60 -0.01	24.51 -0.63 0.00



SYRACUSE___ENERGY_ST2 323598	29.50 -0.51 0.00	29.35 -0.51 0.00	28.96 -0.62 0.00	28.85 -0.65 0.00	28.99 -0.62 0.00	29.32 -0.60 0.00	30.11 -0.52 -0.01	28.68 -0.65 0.10	28.11 -0.69 0.07	24.77 -0.66 0.13	23.59 -0.63 0.05	22.91 -0.66 0.00	22.00 -0.68 0.02	20.45 -0.63 0.00	20.79 -0.60 0.00	22.40 -0.67 0.02	26.06 -0.76 0.31	31.55 -0.71 -0.14	30.37 -0.51 -0.63	29.89 -0.57 -0.24	29.78 -0.57 -0.13	26.79 -0.60 0.00	25.64 -0.60 -0.01	24.51 -0.63 0.00
SYRACUSE___POWER 24017	29.47 -0.54 0.00	29.35 -0.51 0.00	28.93 -0.65 0.00	28.82 -0.68 0.00	28.96 -0.65 0.00	29.32 -0.60 0.00	30.07 -0.55 -0.01	28.36 -0.68 0.40	27.66 -0.72 0.49	24.68 -0.69 0.19	23.56 -0.63 0.08	22.91 -0.66 0.00	21.99 -0.68 0.03	20.45 -0.63 0.00	20.79 -0.60 0.00	22.39 -0.67 0.03	25.91 -0.76 0.46	31.37 -0.71 0.04	30.36 -0.54 -0.65	29.90 -0.57 -0.25	29.71 -0.60 -0.10	26.75 -0.63 0.00	25.61 -0.63 0.00	24.51 -0.63 0.00
TALLMAN__138KV_BK151 55660	31.51 1.50 0.00	31.41 1.55 0.00	30.82 1.24 0.00	30.76 1.27 0.00	30.85 1.24 0.00	31.30 1.38 0.00	32.36 1.75 0.00	31.14 1.71 0.00	30.40 1.53 0.00	26.86 1.30 0.00	25.59 1.31 0.00	24.82 1.25 0.00	23.97 1.27 0.00	22.27 1.18 0.00	22.56 1.18 0.00	24.36 1.27 0.00	28.62 1.49 0.00	34.39 2.28 0.00	37.43 2.21 -4.97	34.32 2.21 -1.89	34.07 2.21 -1.64	29.08 1.70 0.00	27.87 1.63 0.00	26.73 1.58 0.00
TEALLAVE_115KV_TB7 355573	29.29 -0.72 0.00	29.14 -0.72 0.00	28.75 -0.83 0.00	28.61 -0.88 0.00	28.75 -0.86 0.00	29.11 -0.81 0.00	29.85 -0.77 0.00	28.10 -0.88 0.45	27.39 -0.92 0.56	24.50 -0.84 0.21	23.38 -0.80 0.09	22.74 -0.82 0.01	21.85 -0.82 0.03	20.33 -0.76 0.00	20.64 -0.75 0.00	22.25 -0.81 0.03	25.65 -0.95 0.52	31.14 -0.93 0.04	30.05 -0.76 -0.56	29.65 -0.79 -0.21	29.46 -0.82 -0.05	26.56 -0.82 0.00	25.43 -0.81 0.00	24.36 -0.78 0.00
TELGRAPH_34_KV_EAST 80808	27.73 -2.28 0.00	27.65 -2.21 0.00	27.04 -2.54 0.00	26.78 -2.71 0.00	26.83 -2.78 0.00	27.11 -2.81 0.00	27.57 -3.03 0.01	24.26 -3.65 1.52	23.08 -3.67 2.12	21.94 -3.25 0.38	21.21 -2.91 0.16	20.83 -2.73 0.01	19.83 -2.81 0.06	18.41 -2.68 0.00	18.89 -2.50 0.00	20.15 -2.89 0.06	22.50 -3.69 0.94	27.10 -4.21 0.80	27.34 -3.60 -0.69	26.77 -3.72 -0.27	26.41 -3.81 0.01	23.80 -3.56 0.02	23.04 -3.18 0.02	22.38 -2.77 0.00
TEMPLE___115KV_TB 2 55572	29.29 -0.72 0.00	29.14 -0.72 0.00	28.75 -0.83 0.00	28.64 -0.86 0.00	28.78 -0.83 0.00	29.11 -0.81 0.00	29.88 -0.73 0.00	28.12 -0.85 0.46	27.41 -0.89 0.56	24.50 -0.84 0.21	23.41 -0.78 0.09	22.76 -0.80 0.01	21.85 -0.82 0.03	20.33 -0.76 0.00	20.66 -0.73 0.00	22.25 -0.81 0.03	25.68 -0.92 0.53	31.17 -0.90 0.04	30.09 -0.73 -0.57	29.65 -0.79 -0.22	29.49 -0.79 -0.05	26.59 -0.79 0.00	25.45 -0.79 0.00	24.36 0.00 0.00
TIANA____69_KV_BK 1 55817	32.74 2.73 0.00	32.64 2.78 0.00	31.95 2.37 0.00	31.71 2.21 0.00	31.98 2.37 0.00	32.46 2.54 0.00	33.44 2.82 0.00	32.73 2.94 -0.35	31.50 2.63 0.00	27.68 2.12 0.00	26.56 2.28 0.00	25.65 2.07 0.00	24.90 2.20 0.00	23.05 1.96 0.00	23.33 1.95 0.00	27.64 2.22 -2.34	31.68 2.69 -1.87	43.30 3.82 -7.37	48.76 3.54 -14.97	43.97 3.54 -10.21	39.90 3.63 -6.05	36.40 2.99 -6.03	32.79 2.89 -3.67	29.35 2.77 -1.44
TILDEN___115KV_TB1 80814	29.47 -0.54 0.00	29.35 -0.51 0.00	28.93 -0.65 0.00	28.82 -0.68 0.00	28.96 -0.65 0.00	29.32 -0.60 0.00	30.07 -0.55 -0.01	28.36 -0.68 0.40	27.66 -0.72 0.49	24.68 -0.69 0.19	23.56 -0.63 0.08	22.91 -0.66 0.00	21.99 -0.68 0.03	20.45 -0.63 0.00	20.79 -0.60 0.00	22.39 -0.67 0.03	25.91 -0.76 0.46	31.37 -0.71 0.04	30.36 -0.54 -0.65	29.90 -0.57 -0.25	29.71 -0.60 -0.10	26.75 -0.63 0.00	25.61 -0.63 0.00	24.51 -0.63 0.00
TRIGEN___CC 323695	32.14 2.13 0.00	32.04 2.18 0.00	31.39 1.80 0.00	31.23 1.74 0.00	31.42 1.81 0.00	31.86 1.94 0.00	32.98 2.36 0.00	32.14 2.35 -0.35	30.98 2.11 0.00	27.32 1.76 0.00	26.07 1.80 0.00	25.27 1.70 0.00	24.45 1.75 0.00	22.69 1.60 0.00	23.01 1.63 0.00	27.25 1.82 -2.34	31.12 2.12 -1.87	42.46 2.99 -7.37	44.58 2.87 -11.45	40.68 2.87 -7.59	39.14 2.87 -6.05	35.69 2.27 -6.03	32.11 2.20 -3.67	28.72 2.14 -1.44
TRINITY__115KV__ 4 BK 55933	30.76 0.75 0.00	30.64 0.78 0.00	30.17 0.59 0.00	30.11 0.62 0.00	30.23 0.62 0.00	30.67 0.75 0.00	31.54 0.92 0.00	30.34 0.91 0.00	29.71 0.84 0.00	26.35 0.79 0.00	24.88 0.61 0.00	24.18 0.61 0.00	23.36 0.66 0.00	21.70 0.61 0.00	21.97 0.58 0.00	23.78 0.69 0.00	27.94 0.81 0.00	33.17 1.06 0.00	37.65 1.03 -6.37	33.64 1.00 -2.42	33.32 1.00 -2.10	28.24 0.85 0.00	27.08 0.84 0.00	25.85 0.70 0.00
UNION___PROCESSING_DRP 323587	28.39 -1.62 0.00	28.28 -1.58 0.00	27.78 -1.80 0.00	27.58 -1.92 0.00	27.69 -1.92 0.00	28.01 -1.91 0.00	28.61 -1.99 0.02	25.73 -2.21 1.49	24.56 -2.22 2.09	23.18 -2.02 0.36	22.35 -1.77 0.16	21.70 -1.86 0.01	20.73 -1.91 0.06	19.27 -1.81 0.00	19.68 -1.71 0.00	21.18 -1.85 0.06	23.96 -2.28 0.89	28.80 -2.50 0.81	28.91 -2.06 -0.72	28.35 -2.15 -0.27	27.99 -2.24 -0.01	25.22 -2.14 0.03	24.17 -2.05 0.03	23.28 -1.86 0.00
UPPER HUDSON___HYD 24058	31.72 1.71 0.00	31.47 1.61 0.00	31.06 1.48 0.00	31.15 1.65 0.00	31.21 1.60 0.00	31.68 1.76 0.00	32.52 1.90 0.00	31.14 1.71 0.00	30.25 1.39 0.00	26.66 1.10 0.00	25.25 0.97 0.00	24.56 0.99 0.00	23.65 0.95 0.00	21.93 0.84 0.00	22.22 0.83 0.00	24.13 1.04 0.00	28.65 1.52 0.00	34.29 2.18 0.00	38.95 2.12 -6.58	34.75 2.03 -2.50	34.45 2.06 -2.17	29.11 1.73 0.00	27.74 1.49 0.00	26.53 1.38 0.00
UPPER RAQUET___HYD 24056	29.62 -0.39 0.00	29.65 -0.21 0.00	29.46 -0.12 0.00	29.32 -0.18 0.00	29.49 -0.12 0.00	29.50 -0.42 0.00	30.07 -0.55 0.00	28.93 -0.50 0.00	28.46 -0.40 0.00	25.30 -0.26 0.00	24.03 -0.24 0.00	23.43 -0.14 0.00	22.49 -0.20 0.00	20.88 -0.21 0.00	21.15 -0.23 0.00	22.81 -0.28 0.00	26.72 -0.41 0.00	31.24 -0.87 0.00	29.40 -0.94 -0.09	29.23 -1.03 -0.03	29.22 -1.03 -0.03	26.57 -0.82 0.00	25.53 -0.71 0.00	24.49 -0.65 0.00
VALLEY44_115KV_TB2 355964	28.69 -1.32 0.00	28.58 -1.28 0.00	27.95 -1.63 0.00	27.72 -1.77 0.00	27.75 -1.87 0.00	28.01 -1.91 0.00	28.47 -2.14 0.00	24.70 -3.53 1.20	23.64 -3.58 1.64	22.00 -3.22 0.34	21.11 -3.03 0.14	21.70 -1.86 0.01	20.67 -1.97 0.05	19.19 -1.90 0.00	19.61 -1.78 0.00	20.27 -2.77 0.05	22.56 -3.72 0.85	27.49 -4.08 0.54	27.35 -3.75 -0.85	26.80 -3.75 -0.33	26.54 -3.75 -0.07	23.90 -3.48 0.01	23.79 -2.44 0.01	23.16 -1.99 0.00
VALLEY___115KV_TB 1-4 80826	30.94 0.93 0.00	30.82 0.96 0.00	30.44 0.86 0.00	30.35 0.86 0.00	30.50 0.89 0.00	30.88 0.96 0.00	31.69 1.07 0.00	30.37 0.94 0.00	29.73 0.87 0.00	26.33 0.77 0.00	25.01 0.73 0.00	24.28 0.71 0.00	23.38 0.68 0.00	21.70 0.61 0.00	22.01 0.62 0.00	23.66 0.58 0.00	27.81 0.68 0.00	32.98 0.87 0.00	31.04 0.79 0.00	30.89 0.66 0.00	30.92 0.70 0.00	28.04 0.66 0.00	26.90 0.66 0.00	25.77 0.63 0.00



VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.17 2.16 0.00	32.04 2.18 0.00	31.50 1.92 0.00	31.38 1.89 0.00	31.59 1.98 0.00	32.04 2.12 0.00	32.98 2.36 -0.01	31.29 2.03 0.17	30.47 1.82 0.22	27.04 1.56 0.08	25.73 1.48 0.03	24.94 1.37 0.00	24.00 1.32 0.01	22.27 1.18 0.00	22.61 1.22 0.00	24.37 1.29 0.01	28.49 1.55 0.19	34.33 2.25 0.03	34.82 2.27 -2.30	33.15 2.06 -0.88	33.08 2.15 -0.71	29.14 1.75 0.00	27.95 1.71 0.00	26.78 1.63 0.00
VISCHER___FERRY HYD 24020	31.30 1.29 0.00	31.06 1.20 0.00	30.70 1.12 0.00	30.68 1.18 0.00	30.74 1.12 0.00	31.21 1.29 0.00	32.03 1.41 0.00	30.81 1.38 0.00	30.05 1.18 0.00	26.58 1.02 0.00	25.18 0.90 0.00	24.49 0.92 0.00	23.63 0.93 0.00	21.93 0.84 0.00	22.22 0.83 0.00	24.08 0.99 0.00	28.38 1.25 0.00	33.78 1.67 0.00	38.34 1.63 -6.45	34.28 1.60 -2.45	33.95 1.60 -2.13	28.73 1.34 0.00	27.47 1.23 0.00	26.30 1.16 0.00
V_A_10_SYNC_DSASP 323832	27.49 -2.52 0.00	27.02 -2.84 0.00	26.80 -2.78 0.00	26.63 -2.86 0.00	26.68 -2.93 0.00	26.96 -2.96 0.00	27.51 -3.09 0.01	24.74 -3.41 1.28	23.61 -3.49 1.76	22.21 -2.99 0.36	21.45 -2.67 0.16	20.85 -2.71 0.01	19.89 -2.75 0.06	18.49 -2.59 0.00	18.95 -2.44 0.00	20.35 -2.68 0.06	22.86 -3.39 0.87	27.61 -3.89 0.61	27.77 -3.30 -0.82	27.12 -3.42 -0.31	26.73 -3.54 -0.05	24.08 -3.29 0.02	23.12 -3.10 0.02	22.40 -2.74 0.00
V_CMM_10_SYNC_DSASP 323787	29.92 -0.09 0.00	29.95 0.09 0.00	29.73 0.15 0.00	29.61 0.12 0.00	29.73 0.12 0.00	29.89 -0.03 0.00	30.44 -0.18 0.00	29.31 -0.12 0.00	28.84 -0.03 0.00	25.61 0.05 0.00	24.33 0.05 0.00	23.67 0.09 0.00	22.77 0.07 0.00	21.15 0.06 0.00	21.43 0.04 0.00	23.11 0.02 0.00	27.13 0.00 0.00	31.73 -0.38 0.00	29.77 -0.49 0.00	29.74 -0.48 0.00	29.74 -0.48 0.00	27.11 -0.27 0.00	25.98 -0.26 0.00	24.94 -0.20 0.00
V_CMP_10_SYNC_DSASP 323788	30.79 0.78 0.00	30.82 0.96 0.00	30.56 0.97 0.00	30.41 0.92 0.00	30.53 0.92 0.00	30.64 0.72 0.00	31.20 0.58 0.00	30.02 0.59 0.00	29.50 0.63 0.00	26.27 0.71 0.00	25.01 0.73 0.00	24.32 0.75 0.00	23.38 0.68 0.00	21.59 0.51 0.00	21.88 0.49 0.00	23.57 0.49 0.00	27.75 0.62 0.00	32.43 0.32 0.00	30.31 0.06 0.00	30.13 -0.09 0.00	30.04 -0.18 0.00	27.30 -0.08 0.00	26.14 -0.10 0.00	25.07 -0.08 0.00
V_D_10_SYNC_DSASP 323841	30.07 0.06 0.00	30.10 0.24 0.00	29.91 0.33 0.00	29.76 0.26 0.00	29.91 0.30 0.00	30.04 0.12 0.00	30.59 -0.03 0.00	29.43 0.00 0.00	28.96 0.09 0.00	25.71 0.15 0.00	24.42 0.15 0.00	23.83 0.26 0.00	22.88 0.18 0.00	21.28 0.19 0.00	21.56 0.17 0.00	23.25 0.16 0.00	27.21 0.08 0.00	31.82 -0.29 0.00	29.86 -0.39 0.00	29.80 -0.42 0.00	29.83 -0.39 0.00	27.20 -0.19 0.00	26.03 -0.21 0.00	24.99 -0.15 0.00
V_E_10_SYNC_DSASP 323830	33.28 3.27 0.00	32.91 3.05 0.00	32.57 2.99 0.00	32.30 2.80 0.00	32.57 2.96 0.00	33.09 3.17 0.00	33.94 3.31 -0.01	32.03 2.68 0.08	31.12 2.28 0.03	27.28 1.84 0.12	25.90 1.67 0.05	25.08 1.51 0.00	24.06 1.38 0.02	22.27 1.18 0.00	22.61 1.22 0.00	24.34 1.27 0.02	28.53 1.71 0.31	34.88 2.60 -0.17	34.66 2.72 -1.69	33.01 2.15 -0.64	33.03 2.33 -0.48	29.26 1.86 -0.01	28.03 1.79 -0.01	26.88 1.73 0.00
V_F_30_NSYNC___DSASP 323816	31.69 1.68 0.00	31.44 1.58 0.00	31.06 1.48 0.00	31.09 1.59 0.00	31.15 1.54 0.00	31.62 1.70 0.00	32.42 1.81 0.00	31.11 1.68 0.00	30.28 1.41 0.00	26.71 1.15 0.00	25.32 1.04 0.00	24.61 1.04 0.00	23.72 1.02 0.00	22.01 0.93 0.00	22.31 0.92 0.00	24.17 1.09 0.00	28.62 1.49 0.00	34.20 2.09 0.00	38.81 2.00 -6.56	34.65 1.94 -2.49	34.32 1.94 -2.16	29.06 1.67 0.00	27.74 1.49 0.00	26.55 1.41 0.00
V_F_30_SYNC_DSASP 323786	30.85 0.84 0.00	30.73 0.87 0.00	30.26 0.68 0.00	30.20 0.71 0.00	30.29 0.68 0.00	30.76 0.84 0.00	31.63 1.01 0.00	30.43 1.00 0.00	29.79 0.92 0.00	26.40 0.84 0.00	24.93 0.66 0.00	24.23 0.66 0.00	23.40 0.70 0.00	21.72 0.63 0.00	22.01 0.62 0.00	23.83 0.74 0.00	28.00 0.87 0.00	33.27 1.16 0.00	37.79 1.12 -6.42	33.75 1.09 -2.44	33.46 1.12 -2.12	28.32 0.93 0.00	27.16 0.92 0.00	25.92 0.78 0.00
V_XM_10_SYNC_DSASP 323789	30.79 0.78 0.00	30.82 0.96 0.00	30.56 0.97 0.00	30.41 0.92 0.00	30.53 0.92 0.00	30.64 0.72 0.00	31.20 0.58 0.00	30.02 0.59 0.00	29.50 0.63 0.00	26.27 0.71 0.00	25.01 0.73 0.00	24.32 0.75 0.00	23.38 0.68 0.00	21.59 0.51 0.00	21.88 0.49 0.00	23.57 0.49 0.00	27.75 0.62 0.00	32.43 0.32 0.00	30.31 0.06 0.00	30.13 -0.09 0.00	30.04 -0.18 0.00	27.30 -0.08 0.00	26.14 -0.10 0.00	25.07 -0.08 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.60 1.59 0.00	31.50 1.64 0.00	30.91 1.33 0.00	30.85 1.36 0.00	30.94 1.33 0.00	31.39 1.47 0.00	32.46 1.84 0.00	31.23 1.80 0.00	30.46 1.59 0.00	26.94 1.38 0.00	25.64 1.36 0.00	24.87 1.30 0.00	24.01 1.32 0.00	22.31 1.22 0.00	22.61 1.22 0.00	24.43 1.34 0.00	28.70 1.57 0.00	34.49 2.38 0.00	37.54 2.30 -4.99	34.45 2.33 -1.90	34.16 2.30 -1.65	29.17 1.78 0.00	27.95 1.71 0.00	26.80 1.66 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.87 1.86 0.00	31.80 1.94 0.00	31.15 1.57 0.00	31.06 1.56 0.00	31.21 1.60 0.00	31.66 1.74 0.00	32.79 2.17 0.00	31.61 2.18 0.00	30.83 1.96 0.00	27.30 1.74 0.00	26.03 1.75 0.00	25.27 1.70 0.00	24.40 1.70 0.00	22.67 1.58 0.00	22.99 1.60 0.00	24.82 1.73 0.00	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.94 2.75 -1.97	34.65 2.72 -1.70	29.47 2.08 0.00	28.31 2.07 0.00	27.15 2.01 0.00
W50THST__13_KV_LOAD 356117	31.90 1.89 0.00	31.80 1.94 0.00	31.18 1.60 0.00	31.09 1.59 0.00	31.24 1.63 0.00	31.66 1.74 0.00	32.82 2.20 0.00	31.61 2.18 0.00	30.86 1.99 0.00	27.30 1.74 0.00	26.03 1.75 0.00	25.27 1.70 0.00	24.40 1.70 0.00	22.69 1.60 0.00	23.01 1.63 0.00	24.82 1.73 0.00	29.14 2.01 0.00	35.03 2.92 0.00	38.14 2.72 -5.17	34.97 2.78 -1.97	34.68 2.75 -1.70	29.47 2.08 0.00	28.31 2.07 0.00	27.18 2.04 0.00
WADING RIVER_IC_1 23522	32.44 2.43 0.00	32.10 2.24 0.00	31.62 2.04 0.00	31.41 1.92 0.00	31.68 2.07 0.00	32.17 2.25 0.00	32.88 2.27 0.00	32.40 2.62 -0.35	31.24 2.37 0.00	27.45 1.89 0.00	26.34 2.06 0.00	25.46 1.89 0.00	24.72 2.02 0.00	22.88 1.79 0.00	23.16 1.77 0.00	27.43 2.01 -2.34	31.44 2.44 -1.87	42.95 3.47 -7.37	48.44 3.21 -14.98	43.68 3.24 -10.22	39.56 3.29 -6.05	36.15 2.74 -6.03	32.61 2.70 -3.67	29.12 2.54 -1.44
WADING RIVER_IC_2 23547	32.44 2.43 0.00	32.10 2.24 0.00	31.62 2.04 0.00	31.41 1.92 0.00	31.68 2.07 0.00	32.17 2.25 0.00	32.88 2.27 0.00	32.40 2.62 -0.35	31.24 2.37 0.00	27.45 1.89 0.00	26.34 2.06 0.00	25.46 1.89 0.00	24.72 2.02 0.00	22.88 1.79 0.00	23.16 1.77 0.00	27.43 2.01 -2.34	31.44 2.44 -1.87	42.95 3.47 -7.37	48.44 3.21 -14.98	43.68 3.24 -10.22	39.56 3.29 -6.05	36.15 2.74 -6.03	32.61 2.70 -3.67	29.12 2.54 -1.44



WADING RIVER_IC_3 23601	32.44 2.43 0.00	32.10 2.24 0.00	31.62 2.04 0.00	31.41 1.92 0.00	31.68 2.07 0.00	32.17 2.25 0.00	32.88 2.27 0.00	32.40 2.62 -0.35	31.24 2.37 0.00	27.45 1.89 0.00	26.34 2.06 0.00	25.46 1.89 0.00	24.72 2.02 0.00	22.88 1.79 0.00	23.16 1.77 0.00	27.43 2.01 -2.34	31.44 2.44 -1.87	42.95 3.47 -7.37	48.44 3.21 -14.98	43.68 3.24 -10.22	39.56 3.29 -6.05	36.15 2.74 -6.03	32.61 2.70 -3.67	29.12 2.54 -1.44
WALDENNY_I2_KV_BK2 80841	27.88 -2.13 0.00	27.80 -2.06 0.00	27.16 -2.43 0.00	26.90 -2.60 0.00	26.92 -2.69 0.00	27.20 -2.72 0.00	27.61 -3.00 0.01	24.14 -3.83 1.46	22.94 -3.90 2.03	21.76 -3.42 0.37	21.02 -3.11 0.15	20.95 -2.62 0.01	19.92 -2.72 0.05	18.49 -2.59 0.00	18.97 -2.42 0.00	20.03 -3.00 0.05	22.29 -3.91 0.93	26.94 -4.43 0.74	27.04 -3.93 -0.72	26.45 -4.05 -0.28	26.11 -4.11 0.00	23.56 -3.81 0.02	23.02 -3.20 0.02	22.43 -2.72 0.00
WALDEN___HYDRO 24148	31.66 1.65 0.00	31.59 1.73 0.00	30.91 1.33 0.00	30.85 1.36 0.00	30.97 1.36 0.00	31.39 1.47 0.00	32.42 1.81 0.00	31.14 1.71 0.00	30.34 1.47 0.00	26.79 1.23 0.00	25.49 1.21 0.00	24.70 1.13 0.00	23.83 1.13 0.00	22.14 1.05 0.00	22.46 1.07 0.00	24.29 1.20 0.00	28.62 1.49 0.00	34.39 2.28 0.00	37.51 2.21 -5.05	34.35 2.21 -1.92	34.06 2.18 -1.67	29.08 1.70 0.00	27.87 1.63 0.00	26.70 1.56 0.00
WARRENSBURG____ 23737	31.72 1.71 0.00	31.47 1.61 0.00	31.06 1.48 0.00	31.15 1.65 0.00	31.21 1.60 0.00	31.68 1.76 0.00	32.52 1.90 0.00	31.14 1.71 0.00	30.25 1.39 0.00	26.66 1.10 0.00	25.25 0.97 0.00	24.56 0.99 0.00	23.65 0.95 0.00	21.93 0.84 0.00	22.22 0.83 0.00	24.13 1.04 0.00	28.65 1.52 0.00	34.29 2.18 0.00	38.95 2.12 -6.58	34.75 2.03 -2.50	34.45 2.06 -2.17	29.11 1.73 0.00	27.74 1.49 0.00	26.53 1.38 0.00
WATERSIDE___6 8 9 23538	31.84 1.83 0.00	31.77 1.91 0.00	31.12 1.54 0.00	31.00 1.50 0.00	31.18 1.57 0.00	31.54 1.62 0.00	32.70 2.08 0.00	31.49 2.06 0.00	30.74 1.88 0.00	27.17 1.61 0.00	25.90 1.63 0.00	25.15 1.58 0.00	24.29 1.59 0.00	22.58 1.50 0.00	22.91 1.52 0.00	24.73 1.64 0.00	29.00 1.87 0.00	34.87 2.76 0.00	38.02 2.60 -5.17	34.82 2.63 -1.97	34.52 2.60 -1.70	29.33 1.94 0.00	28.26 2.02 0.00	27.13 1.99 0.00
WATKINRD_115KV_LN8_IL 55919	30.73 0.72 0.00	30.61 0.75 0.00	30.23 0.65 0.00	30.14 0.65 0.00	30.29 0.68 0.00	30.64 0.72 0.00	31.44 0.83 0.00	30.17 0.74 0.00	29.53 0.66 0.00	26.15 0.59 0.00	24.84 0.56 0.00	24.09 0.52 0.00	23.22 0.52 0.00	21.55 0.46 0.00	21.86 0.47 0.00	23.55 0.46 0.00	27.67 0.54 0.00	32.85 0.74 0.00	30.95 0.70 0.00	30.86 0.63 0.00	30.89 0.66 0.00	27.96 0.58 0.00	26.79 0.55 0.00	25.67 0.53 0.00
WATSON___69_KV_BK 1 55734	32.77 2.76 0.00	32.67 2.81 0.00	31.98 2.40 0.00	31.74 2.24 0.00	32.01 2.40 0.00	32.46 2.54 0.00	33.56 2.94 0.00	32.76 2.97 -0.35	31.52 2.66 0.00	27.73 2.17 0.00	26.51 2.23 0.00	25.65 2.07 0.00	24.88 2.18 0.00	23.05 1.96 0.00	23.38 1.99 0.00	27.71 2.29 -2.34	31.74 2.74 -1.87	43.33 3.85 -7.37	46.41 3.54 -12.62	42.22 3.54 -8.46	39.87 3.60 -6.05	36.34 2.93 -6.03	32.74 2.83 -3.67	29.30 2.72 -1.44
WDELAWARE___HYD 323627	31.51 1.50 0.00	31.23 1.37 0.00	30.77 1.18 0.00	30.73 1.24 0.00	30.88 1.27 0.00	31.27 1.35 0.00	32.27 1.65 0.00	30.96 1.53 0.01	30.16 1.30 0.01	26.55 1.00 0.00	25.27 1.00 0.00	24.44 0.87 0.00	23.56 0.86 0.00	21.89 0.80 0.00	22.22 0.83 0.00	24.03 0.95 0.00	28.38 1.25 0.00	34.16 2.06 0.00	36.99 2.06 -4.68	34.03 2.03 -1.78	33.76 1.99 -1.54	28.86 1.48 0.00	27.71 1.47 0.00	26.50 1.36 0.00
WEST BABYLON___IC 23714	32.65 2.64 0.00	32.55 2.69 0.00	31.86 2.28 0.00	31.65 2.15 0.00	31.89 2.28 0.00	32.37 2.45 0.00	33.47 2.85 0.00	32.64 2.85 -0.35	31.41 2.54 0.00	27.65 2.10 0.00	26.44 2.16 0.00	25.57 2.00 0.00	24.81 2.11 0.00	22.98 1.90 0.00	23.33 1.95 0.00	27.64 2.22 -2.34	31.63 2.63 -1.87	43.17 3.69 -7.37	45.44 3.45 -11.74	41.50 3.48 -7.80	39.75 3.48 -6.05	36.24 2.82 -6.03	32.64 2.73 -3.67	29.20 2.61 -1.44
WEST CANADA___HYD 24049	30.25 0.24 0.00	30.07 0.21 0.00	29.76 0.18 0.00	29.70 0.21 0.00	29.82 0.21 0.00	30.16 0.24 0.00	30.89 0.27 0.00	29.70 0.26 0.00	29.07 0.20 0.00	25.74 0.18 0.00	24.45 0.17 0.00	23.71 0.14 0.00	22.86 0.16 0.00	21.23 0.15 0.00	21.54 0.15 0.00	23.25 0.16 0.00	27.32 0.19 0.00	32.43 0.32 0.00	30.59 0.33 0.00	30.52 0.30 0.00	30.52 0.30 0.00	27.60 0.22 0.00	26.45 0.21 0.00	25.34 0.20 0.00
WESTERN_NY_WIND 24143	28.21 -1.80 0.00	28.10 -1.76 0.00	27.48 -2.10 0.00	27.25 -2.24 0.00	27.33 -2.28 0.00	27.62 -2.30 0.00	28.09 -2.51 0.01	24.85 -3.06 1.52	23.66 -3.09 2.12	22.40 -2.79 0.38	21.65 -2.48 0.16	21.21 -2.36 0.01	20.19 -2.45 0.06	18.72 -2.36 0.00	19.21 -2.18 0.00	20.54 -2.49 0.06	23.00 -3.20 0.93	27.75 -3.56 0.80	27.95 -2.99 -0.70	27.41 -3.08 -0.27	27.04 -3.17 0.01	24.35 -3.01 0.02	23.52 -2.70 0.02	22.78 -2.36 0.00
WESTOVER___LESR 323668	30.19 0.18 0.00	30.04 0.18 0.00	29.58 0.00 0.00	29.44 -0.06 0.00	29.55 -0.06 0.00	29.92 0.00 0.00	30.72 0.09 -0.01	29.01 -0.26 0.16	28.34 -0.38 0.15	25.04 -0.38 0.14	23.86 -0.36 0.06	23.33 -0.24 0.00	22.40 -0.27 0.02	20.81 -0.27 0.00	21.15 -0.24 0.00	22.67 -0.39 0.02	26.30 -0.49 0.34	31.93 -0.29 -0.11	31.87 -0.12 -1.74	30.70 -0.18 -0.66	30.53 -0.18 -0.49	27.09 -0.30 0.00	26.06 -0.18 -0.01	25.02 -0.13 0.00
WETHRSFD_WT_PWR 323626	27.67 -2.34 0.00	27.11 -2.75 0.00	26.89 -2.69 0.00	26.66 -2.83 0.00	26.68 -2.93 0.00	26.90 -3.02 0.00	27.21 -3.40 0.01	23.81 -4.12 1.50	22.51 -4.27 2.08	21.47 -3.71 0.38	20.73 -3.40 0.15	20.59 -2.97 0.01	19.44 -3.20 0.05	18.13 -2.95 0.00	18.61 -2.78 0.00	19.57 -3.46 0.05	21.87 -4.31 0.94	26.33 -5.01 0.77	26.38 -4.57 -0.70	25.84 -4.65 -0.27	25.44 -4.77 0.01	23.04 -4.33 0.02	22.47 -3.75 0.02	21.90 -3.24 0.00
WHAVSTOR_138KV_BK127 55557	31.51 1.50 0.00	31.41 1.55 0.00	30.82 1.24 0.00	30.73 1.24 0.00	30.85 1.24 0.00	31.27 1.35 0.00	32.33 1.71 0.00	31.14 1.71 0.00	30.37 1.50 0.00	26.86 1.30 0.00	25.59 1.31 0.00	24.80 1.23 0.00	23.97 1.27 0.00	22.27 1.18 0.00	22.56 1.18 0.00	24.36 1.27 0.00	28.62 1.49 0.00	34.36 2.25 0.00	37.43 2.18 -5.00	34.33 2.21 -1.90	34.05 2.18 -1.65	29.06 1.67 0.00	27.87 1.63 0.00	26.70 1.56 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.51 1.50 0.00	31.41 1.55 0.00	30.82 1.24 0.00	30.73 1.24 0.00	30.85 1.24 0.00	31.27 1.35 0.00	32.33 1.71 0.00	31.14 1.71 0.00	30.37 1.50 0.00	26.86 1.30 0.00	25.59 1.31 0.00	24.80 1.23 0.00	23.97 1.27 0.00	22.27 1.18 0.00	22.56 1.18 0.00	24.36 1.27 0.00	28.62 1.49 0.00	34.36 2.25 0.00	37.43 2.18 -5.00	34.33 2.21 -1.90	34.05 2.18 -1.65	29.06 1.67 0.00	27.87 1.63 0.00	26.70 1.56 0.00



WHITEHAL_115KV_TB1 80871	32.29 2.28 0.00	32.16 2.30 0.00	31.62 2.04 0.00	31.71 2.21 0.00	31.80 2.19 0.00	32.28 2.36 0.00	33.19 2.57 0.00	31.73 2.30 0.00	30.72 1.85 0.00	26.99 1.43 0.00	25.56 1.29 0.00	24.87 1.30 0.00	23.95 1.25 0.00	22.18 1.10 0.00	22.46 1.07 0.00	24.43 1.34 0.00	29.11 1.98 0.00	34.97 2.86 0.00	39.57 2.75 -6.57	35.35 2.63 -2.50	35.05 2.66 -2.17	29.66 2.27 0.00	28.26 2.02 0.00	26.95 1.81 0.00
WHITEPLN_13_KV_LOAD 356215	31.90 1.89 0.00	31.83 1.97 0.00	31.21 1.63 0.00	31.15 1.65 0.00	31.24 1.63 0.00	31.69 1.77 0.00	32.76 2.14 0.00	31.61 2.18 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.17 1.60 0.00	24.33 1.63 0.00	22.60 1.52 0.00	22.91 1.52 0.00	24.77 1.69 0.00	29.11 1.98 0.00	34.97 2.86 0.00	38.16 2.75 -5.15	34.93 2.75 -1.96	34.67 2.75 -1.70	29.52 2.14 0.00	28.31 2.07 0.00	27.15 2.01 0.00
WM_FLOYD_69_KV_BK2 356380	32.53 2.52 0.00	32.43 2.57 0.00	31.74 2.16 0.00	31.50 2.01 0.00	31.77 2.16 0.00	32.25 2.33 0.00	33.25 2.63 0.00	32.52 2.74 -0.35	31.29 2.42 0.00	27.53 1.97 0.00	26.39 2.11 0.00	25.48 1.91 0.00	24.74 2.04 0.00	22.90 1.81 0.00	23.21 1.82 0.00	27.53 2.10 -2.34	31.55 2.55 -1.87	43.07 3.60 -7.37	48.48 3.30 -14.93	43.73 3.32 -10.18	39.65 3.38 -6.05	36.21 2.79 -6.03	32.61 2.70 -3.67	29.17 2.59 -1.44
WOODARD__115KV_TB2 355635	29.20 -0.81 0.00	29.05 -0.81 0.00	28.69 -0.89 0.00	28.55 -0.94 0.00	28.69 -0.92 0.00	29.05 -0.87 0.00	29.80 -0.83 0.00	28.07 -0.94 0.42	27.40 -0.95 0.52	24.47 -0.89 0.20	23.37 -0.83 0.09	22.72 -0.85 0.00	21.80 -0.86 0.03	20.28 -0.80 0.00	20.62 -0.77 0.00	22.20 -0.85 0.03	25.67 -0.98 0.49	31.07 -1.00 0.04	30.00 -0.82 -0.57	29.59 -0.85 -0.22	29.41 -0.88 -0.06	26.51 -0.88 0.00	25.40 -0.84 0.00	24.31 -0.83 0.00
YORK__WARBASSE 23770	32.03 2.01 -0.01	31.96 2.09 -0.01	31.30 1.72 0.00	31.18 1.68 0.00	31.37 1.75 -0.01	31.69 1.77 0.00	32.82 2.20 0.00	31.58 2.15 0.00	30.83 1.96 0.00	27.25 1.69 0.00	25.98 1.70 0.00	25.24 1.67 0.00	24.38 1.68 0.00	22.67 1.58 0.00	22.99 1.60 0.00	25.99 1.71 -1.20	29.11 1.98 0.00	35.00 2.89 0.00	38.11 2.69 -5.17	34.91 2.72 -1.97	34.62 2.69 -1.70	41.13 2.05 -11.69	28.40 2.15 -0.01	27.31 2.11 -0.06