

# Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$															--- Marginal Cost of Losses										--- Marginal Cost of Congestion										12/12/2023		
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	29.22	26.92	25.26	24.94	25.04	28.17	36.07	44.04	36.52	32.15	31.47	30.33	30.09	29.83	30.30	32.41	39.55	50.72	44.79	38.92	36.77	34.08	31.86	30.89														
		1.26	1.13	1.09	1.12	1.12	1.26	2.17	3.22	2.55	2.16	2.17	2.14	2.20	2.21	2.22	2.23	3.20	4.44	3.62	3.08	2.63	2.23	2.06	1.72														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00														
74TH STREET_GT_1	24260	29.30	26.98	25.28	24.99	25.07	28.17	36.07	43.96	36.48	32.15	31.47	30.33	30.09	29.80	30.30	32.38	39.48	50.67	44.78	38.92	36.70	34.08	31.89	30.92														
		1.34	1.19	1.11	1.17	1.15	1.26	2.17	3.14	2.51	2.16	2.17	2.14	2.20	2.18	2.22	2.20	3.13	4.40	3.62	3.08	2.56	2.23	2.09	1.75														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00														
74TH STREET_GT_2	24261	29.30	26.98	25.28	24.99	25.07	28.17	36.07	43.96	36.48	32.15	31.47	30.33	30.09	29.80	30.30	32.38	39.48	50.67	44.78	38.92	36.70	34.08	31.89	30.92														
		1.34	1.19	1.11	1.17	1.15	1.26	2.17	3.14	2.51	2.16	2.17	2.14	2.20	2.18	2.22	2.20	3.13	4.40	3.62	3.08	2.56	2.23	2.09	1.75														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00														
ADK HUDSON___FALLS	24011	29.58	27.23	25.52	25.13	25.31	28.03	35.70	43.26	35.77	31.16	30.42	29.23	28.92	28.67	29.21	31.69	38.46	49.24	43.59	37.88	35.92	33.31	31.00	30.20														
		1.62	1.44	1.35	1.31	1.39	1.13	1.80	2.45	1.80	1.17	1.11	1.04	1.03	1.05	1.12	1.51	2.11	2.96	2.43	2.04	1.78	1.47	1.19	1.02														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00														
ADK RESOURCE___RCVRY	23798	29.75	27.39	25.64	25.28	25.45	28.17	35.90	43.51	35.97	31.25	30.54	29.31	29.00	28.73	29.29	31.84	38.64	49.47	43.80	38.06	36.12	33.44	31.09	30.28														
		1.79	1.60	1.47	1.45	1.53	1.26	2.00	2.69	2.00	1.26	1.23	1.13	1.12	1.11	1.21	1.66	2.29	3.19	2.64	2.22	1.98	1.59	1.28	1.11														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00														
ADK S GLENS___FALLS	24028	29.58	27.23	25.52	25.13	25.31	28.03	35.70	43.26	35.77	31.16	30.42	29.23	28.92	28.67	29.21	31.69	38.46	49.24	43.59	37.88	35.92	33.31	31.00	30.20														
		1.62	1.44	1.35	1.31	1.39	1.13	1.80	2.45	1.80	1.17	1.11	1.04	1.03	1.05	1.12	1.51	2.11	2.96	2.43	2.04	1.78	1.47	1.19	1.02														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00														
ADK_NYS___DAM	23527	29.08	26.82	25.21	24.87	25.02	28.22	35.76	43.39	35.97	31.52	30.83	29.68	29.42	29.14	29.65	31.90	38.68	49.51	43.88	38.21	36.19	33.66	31.42	30.55														
		1.12	1.03	1.04	1.05	1.10	1.32	1.86	2.57	2.00	1.53	1.52	1.49	1.53	1.52	1.57	1.72	2.33	3.24	2.72	2.36	2.05	1.81	1.61	1.37														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00														
AIR_PRODUCTS___DRP	24190	28.10	25.92	24.36	24.04	24.16	27.12	34.38	41.59	34.51	30.32	29.66	28.55	28.27	28.01	28.53	30.72	37.19	47.52	42.15	36.67	34.76	32.36	30.19	29.44														
		0.14	0.13	0.19	0.21	0.24	0.22	0.47	0.78	0.54	0.33	0.35	0.37	0.39	0.39	0.45	0.54	0.84	1.25	0.99	0.82	0.61	0.51	0.39	0.26														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00														
AKWESSNE_115KV_BK	355683	28.10	25.92	24.34	23.97	24.04	27.01	33.73	40.24	33.77	29.87	29.16	28.02	27.72	27.43	27.94	29.97	35.66	44.98	40.22	35.05	33.70	31.56	29.72	29.09														
		0.14	0.13	0.17	0.14	0.12	0.11	-0.17	-0.57	-0.20	-0.12	-0.15	-0.17	-0.17	-0.19	-0.14	-0.21	-0.69	-1.30	-0.95	-0.79	-0.44	-0.29	-0.09	-0.09														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	28.80	26.54	24.92	24.56	24.68	27.74	35.16	42.45	35.16	30.86	30.16	29.00	28.69	28.42	28.95	31.24	37.84	48.40	42.97	37.38	35.47	33.03	30.82	30.08														
		0.84	0.75	0.75	0.74	0.77	0.83	1.25	1.63	1.19	0.87	0.85	0.82	0.81	0.80	0.87	1.06	1.49	2.13	1.81	1.54	1.33	1.18	1.01	0.90														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00														
ALBANY_2_SOLAR	323834	28.80	26.54	24.92	24.56	24.66	27.74	35.12	42.45	35.16	30.86	30.13	29.00	28.69	28.42	28.95	31.24	37.84	48.40	42.97	37.38	35.47	33.03	30.82	30.08														
		0.84	0.75	0.75	0.74	0.74	0.83	1.22	1.63	1.19	0.87	0.82	0.82	0.81	0.80	0.87	1.06	1.49	2.13	1.81	1.54	1.33	1.18	1.01	0.90														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00														
ALBANY___1	23571	28.10	25.92	24.36	24.04	24.16	27.12	34.38	41.59	34.51	30.32	29.66	28.55	28.27	28.01	28.53	30.72	37.19	47.52	42.15	36.67	34.76	32.36	30.19	29.44														
		0.14	0.13	0.19	0.21	0.24	0.22	0.47	0.78	0.54	0.33	0.35	0.37	0.39	0.39	0.45	0.54	0.84	1.25	0.99	0.82	0.61	0.51	0.39	0.26														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00														

ALBANY___2 23572	28.10 0.14 0.00	25.92 0.13 0.00	24.36 0.19 0.00	24.04 0.21 0.00	24.16 0.24 0.00	27.12 0.22 0.00	34.38 0.47 0.00	41.59 0.78 0.00	34.51 0.54 0.00	30.32 0.33 0.00	29.66 0.35 0.00	28.55 0.37 0.00	28.27 0.39 0.00	28.01 0.39 0.00	28.53 0.45 0.00	30.72 0.54 0.00	37.19 0.84 0.00	47.52 1.25 0.00	42.15 0.99 0.00	36.67 0.82 0.00	34.76 0.61 0.00	32.36 0.51 0.00	30.19 0.39 0.00	29.44 0.26 0.00
ALBANY___3 23573	28.10 0.14 0.00	25.92 0.13 0.00	24.36 0.19 0.00	24.04 0.21 0.00	24.16 0.24 0.00	27.12 0.22 0.00	34.38 0.47 0.00	41.59 0.78 0.00	34.51 0.54 0.00	30.32 0.33 0.00	29.66 0.35 0.00	28.55 0.37 0.00	28.27 0.39 0.00	28.01 0.39 0.00	28.53 0.45 0.00	30.72 0.54 0.00	37.19 0.84 0.00	47.52 1.25 0.00	42.15 0.99 0.00	36.67 0.82 0.00	34.76 0.61 0.00	32.36 0.51 0.00	30.19 0.39 0.00	29.44 0.26 0.00
ALBANY___4 23574	28.10 0.14 0.00	25.92 0.13 0.00	24.36 0.19 0.00	24.04 0.21 0.00	24.16 0.24 0.00	27.12 0.22 0.00	34.38 0.47 0.00	41.59 0.78 0.00	34.51 0.54 0.00	30.32 0.33 0.00	29.66 0.35 0.00	28.55 0.37 0.00	28.27 0.39 0.00	28.01 0.39 0.00	28.53 0.45 0.00	30.72 0.54 0.00	37.19 0.84 0.00	47.52 1.25 0.00	42.15 0.99 0.00	36.67 0.82 0.00	34.76 0.61 0.00	32.36 0.51 0.00	30.19 0.39 0.00	29.44 0.26 0.00
ALBANY___LFGE 323615	28.38 0.42 0.00	26.15 0.36 0.00	24.60 0.44 0.00	24.27 0.45 0.00	24.37 0.45 0.00	27.39 0.48 0.00	34.75 0.85 0.00	41.87 1.06 0.00	34.72 0.75 0.00	30.47 0.48 0.00	29.80 0.50 0.00	28.69 0.51 0.00	28.41 0.53 0.00	28.15 0.52 0.00	28.79 0.70 0.00	31.03 0.84 0.00	37.59 1.24 0.00	48.03 1.76 0.00	42.60 1.44 0.00	37.06 1.22 0.00	35.13 0.99 0.00	32.68 0.83 0.00	30.49 0.69 0.00	29.70 0.53 0.00
ALCOA_PA_115KV_PL-6C 55860	28.35 0.39 0.00	26.15 0.36 0.00	24.53 0.36 0.00	24.16 0.33 0.00	24.21 0.29 0.00	27.17 0.27 0.00	33.83 -0.07 0.00	40.36 -0.45 0.00	33.87 -0.10 0.00	29.99 0.00 0.00	29.34 0.03 0.00	28.16 -0.03 0.00	27.86 -0.03 0.00	27.57 -0.06 0.00	28.06 -0.03 0.00	30.15 -0.03 0.00	35.77 -0.58 0.00	45.07 -1.20 0.00	40.30 -0.86 0.00	35.09 -0.75 0.00	33.80 -0.34 0.00	31.69 -0.16 0.00	29.93 0.12 0.00	29.29 0.12 0.00
ALCOA_RYNLDS___DRP 24188	28.35 0.39 0.00	26.15 0.36 0.00	24.53 0.36 0.00	24.16 0.33 0.00	24.21 0.29 0.00	27.17 0.27 0.00	33.83 -0.07 0.00	40.36 -0.45 0.00	33.87 -0.10 0.00	29.99 0.00 0.00	29.34 0.03 0.00	28.16 -0.03 0.00	27.86 -0.03 0.00	27.57 -0.06 0.00	28.06 -0.03 0.00	30.15 -0.03 0.00	35.77 -0.58 0.00	45.07 -1.20 0.00	40.30 -0.86 0.00	35.09 -0.75 0.00	33.80 -0.34 0.00	31.69 -0.16 0.00	29.93 0.12 0.00	29.29 0.12 0.00
ALCOA___DSASP 323711	28.35 0.39 0.00	26.15 0.36 0.00	24.53 0.36 0.00	24.16 0.33 0.00	24.21 0.29 0.00	27.17 0.27 0.00	33.83 -0.07 0.00	40.28 -0.53 0.00	33.83 -0.14 0.00	29.99 0.00 0.00	29.34 0.03 0.00	28.16 -0.03 0.00	27.86 -0.03 0.00	27.57 -0.06 0.00	28.06 -0.03 0.00	30.15 -0.03 0.00	35.77 -0.58 0.00	45.07 -1.20 0.00	40.30 -0.87 0.00	35.12 -0.72 0.00	33.73 -0.41 0.00	31.69 -0.16 0.00	29.93 0.12 0.00	29.29 0.12 0.00
ALLEGHENY___COGEN 23514	28.77 0.81 0.00	26.41 0.62 0.00	24.55 0.39 0.00	24.11 0.29 0.00	24.25 0.33 0.00	27.33 0.43 0.00	34.94 1.02 -0.02	47.18 1.59 -4.78	35.29 0.68 -0.64	30.74 0.75 0.00	29.70 0.38 -0.01	28.36 0.17 0.00	27.86 -0.03 0.00	27.57 -0.06 0.00	28.08 0.00 0.00	30.32 0.12 -0.02	37.28 0.91 -0.02	50.71 1.80 -2.63	43.73 1.36 -1.21	37.19 1.33 -0.02	35.08 0.92 -0.02	32.47 0.60 -0.02	29.96 0.15 0.00	29.50 0.32 0.00
ALTAMONT_115KV_TB 2 55880	28.49 0.53 0.00	26.25 0.46 0.00	24.65 0.48 0.00	24.30 0.48 0.00	24.42 0.50 0.00	27.47 0.56 0.00	34.78 0.88 0.00	42.12 1.31 0.00	34.92 0.95 0.00	30.71 0.72 0.00	30.04 0.73 0.00	28.89 0.70 0.00	28.61 0.72 0.00	28.37 0.75 0.00	28.84 0.76 0.00	31.03 0.85 0.00	37.59 1.24 0.00	48.03 1.76 0.00	42.60 1.44 0.00	37.06 1.22 0.00	35.13 0.99 0.00	32.71 0.86 0.00	30.55 0.75 0.00	29.79 0.61 0.00
ALTONA_WT_PWR 323606	28.07 0.11 0.00	26.02 0.23 0.00	24.55 0.39 0.00	24.25 0.43 0.00	24.33 0.41 0.00	27.33 0.43 0.00	34.00 0.10 0.00	40.33 -0.49 0.00	34.00 0.03 0.00	29.66 -0.33 0.00	28.98 -0.32 0.00	27.68 -0.51 0.00	27.13 -0.75 0.00	26.77 -0.86 0.00	27.33 -0.76 0.00	29.28 -0.90 0.00	34.97 -1.38 0.00	43.50 -2.78 0.00	39.35 -1.81 0.00	34.48 -1.36 0.00	32.98 -1.16 0.00	30.73 -1.12 0.00	29.33 -0.48 0.00	28.79 -0.38 0.00
AMERICAN_REF_FUEL 24010	25.22 -2.74 0.00	23.19 -2.60 0.00	21.61 -2.56 0.00	21.16 -2.67 0.00	21.26 -2.66 0.00	23.89 -3.01 0.00	30.02 -3.87 0.02	29.27 -4.82 6.73	28.69 -4.38 0.90	26.75 -3.24 0.00	25.90 -3.40 0.01	24.83 -3.35 0.00	24.40 -3.49 0.00	24.14 -3.48 0.00	24.49 -3.59 0.00	26.36 -3.80 0.02	32.01 -4.33 0.02	37.65 -5.28 3.35	34.89 -4.73 1.54	32.10 -3.73 0.02	30.37 -3.76 0.02	28.17 -3.66 0.02	26.05 -3.76 0.00	26.08 -3.09 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	26.54 -1.42 0.00	24.24 -1.55 0.00	22.48 -1.69 0.00	22.06 -1.76 0.00	22.08 -1.84 0.00	24.86 -2.05 0.00	31.31 -2.58 0.01	31.68 -3.75 5.38	29.65 -3.60 0.72	27.71 -2.28 0.00	26.78 -2.52 0.01	25.59 -2.59 0.00	25.10 -2.79 0.00	24.80 -2.82 0.00	25.22 -2.86 0.00	27.15 -3.02 0.01	32.85 -3.49 0.01	39.65 -3.98 2.65	36.32 -3.62 1.22	33.21 -2.61 0.01	31.37 -2.76 0.01	29.35 -2.48 0.01	27.12 -2.68 0.00	27.10 -2.07 0.00
ARTHUR KILL_GT_1 23520	29.41 1.45 0.00	27.22 1.42 -0.01	25.47 1.30 0.00	25.13 1.31 0.00	25.26 1.34 0.00	28.22 1.32 0.00	36.14 2.24 0.00	43.91 3.10 0.00	36.35 2.38 0.00	32.03 2.04 0.00	31.27 1.96 0.00	30.13 1.94 0.00	29.95 2.06 0.00	29.75 2.13 0.00	30.22 2.13 0.00	32.32 2.14 0.00	39.56 3.20 -0.01	50.50 4.21 -0.01	44.67 3.50 -0.01	38.90 3.04 -0.01	36.73 2.59 0.00	34.17 2.32 0.00	32.10 2.30 0.00	31.11 1.93 -0.01
ARTHUR_KILL_2 23512	29.36 1.40 0.00	27.14 1.34 -0.01	25.42 1.26 0.00	25.08 1.26 0.00	25.21 1.29 0.00	28.17 1.26 0.00	36.04 2.14 0.00	43.79 2.98 0.00	36.28 2.31 0.00	31.97 1.98 0.00	31.18 1.88 0.00	30.08 1.89 0.00	29.89 2.01 0.00	29.67 2.04 0.00	30.16 2.08 0.00	32.23 2.05 0.00	39.45 3.09 -0.01	50.36 4.07 -0.01	44.55 3.38 -0.01	38.79 2.94 -0.01	36.63 2.49 0.00	34.08 2.23 0.00	32.04 2.24 0.00	31.02 1.84 -0.01
ARTHUR_KILL_3 23513	28.97 1.01 0.00	26.69 0.90 0.00	25.04 0.87 0.00	24.73 0.91 0.00	24.83 0.91 0.00	27.92 1.02 0.00	35.76 1.86 0.00	43.59 2.78 0.00	36.14 2.18 0.00	31.85 1.86 0.00	31.21 1.90 0.00	30.08 1.89 0.00	29.83 1.95 0.00	29.56 1.93 0.00	30.02 1.94 0.00	32.14 1.96 0.00	39.15 2.80 0.00	50.26 3.98 0.00	44.38 3.21 0.00	38.60 2.76 0.00	36.46 2.32 0.00	33.82 1.98 0.00	31.63 1.82 0.00	30.66 1.49 0.00

ARTHUR_KILL_COGEN 323718	29.41 1.45 0.00	27.22 1.42 -0.01	25.47 1.30 0.00	25.13 1.31 0.00	25.26 1.34 0.00	28.22 1.32 0.00	36.14 2.24 0.00	43.91 3.10 0.00	36.35 2.38 0.00	32.03 2.04 0.00	31.27 1.96 0.00	30.13 1.94 0.00	29.95 2.06 0.00	29.75 2.13 0.00	30.22 2.13 0.00	32.32 2.14 0.00	39.56 3.20 -0.01	50.50 4.21 -0.01	44.67 3.50 -0.01	38.90 3.04 -0.01	36.73 2.59 0.00	34.17 2.32 0.00	32.10 2.30 0.00	31.11 1.93 -0.01
ASHOKAN____ 23654	29.61 1.65 0.00	27.26 1.47 0.00	25.55 1.38 0.00	25.20 1.38 0.00	25.26 1.34 0.00	28.49 1.59 0.00	36.21 2.31 0.00	43.63 2.81 0.00	36.08 2.11 0.00	31.49 1.50 0.00	30.63 1.32 0.00	29.54 1.35 0.00	29.14 1.26 0.00	28.87 1.24 0.00	29.46 1.38 0.00	31.84 1.66 0.00	39.04 2.69 0.00	50.07 3.80 0.00	44.41 3.25 0.00	38.64 2.80 0.00	36.60 2.46 0.00	33.92 2.07 0.00	31.57 1.76 0.00	30.69 1.52 0.00
ASTORIA_EAST_ENERGY_CC1 323581	29.08 1.12 0.00	26.87 1.08 0.00	25.30 1.14 0.00	24.97 1.14 0.00	25.07 1.15 0.00	27.87 0.97 0.00	35.50 1.59 0.00	43.25 2.45 0.01	35.96 2.00 0.01	31.75 1.77 0.01	31.23 1.93 0.01	30.10 1.92 0.01	29.88 2.01 0.01	29.63 2.02 0.01	30.10 2.02 0.01	32.20 2.02 0.01	39.07 2.73 0.01	49.97 3.70 0.01	44.20 3.05 0.01	38.52 2.69 0.01	36.35 2.22 0.01	33.92 2.07 0.00	32.14 2.33 -0.01	31.25 2.07 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	29.11 1.15 0.00	26.87 1.08 0.00	25.30 1.14 0.00	24.97 1.14 0.00	25.07 1.15 0.00	27.87 0.97 0.00	35.50 1.59 0.00	43.25 2.45 0.01	35.96 2.00 0.01	31.75 1.77 0.01	31.23 1.93 0.01	30.10 1.92 0.01	29.88 2.01 0.01	29.63 2.02 0.01	30.10 2.02 0.01	32.20 2.02 0.01	39.07 2.73 0.01	49.97 3.70 0.01	44.20 3.05 0.01	38.52 2.69 0.01	36.35 2.22 0.01	33.92 2.07 0.00	32.17 2.35 -0.01	31.25 2.07 -0.01
ASTORIA_GT2_1 24094	29.25 1.29 0.00	26.87 1.08 0.00	25.30 1.14 0.00	24.99 1.17 0.00	25.09 1.17 0.00	27.87 0.97 0.00	35.49 1.59 0.00	43.26 2.45 0.00	35.97 2.00 0.00	31.76 1.77 0.00	31.24 1.93 0.00	30.13 1.94 0.00	29.89 2.01 0.00	29.64 2.02 0.00	30.11 2.02 0.00	32.17 1.99 0.00	39.08 2.73 0.00	49.98 3.70 0.00	44.21 3.05 0.00	38.53 2.69 0.00	36.29 2.15 0.00	33.92 2.07 0.00	32.13 2.32 0.00	31.25 2.07 -0.01
ASTORIA_GT2_2 24095	29.25 1.29 0.00	26.87 1.08 0.00	25.30 1.14 0.00	24.99 1.17 0.00	25.09 1.17 0.00	27.87 0.97 0.00	35.49 1.59 0.00	43.26 2.45 0.00	35.97 2.00 0.00	31.76 1.77 0.00	31.24 1.93 0.00	30.13 1.94 0.00	29.89 2.01 0.00	29.64 2.02 0.00	30.11 2.02 0.00	32.17 1.99 0.00	39.08 2.73 0.00	49.98 3.70 0.00	44.21 3.05 0.00	38.53 2.69 0.00	36.29 2.15 0.00	33.92 2.07 0.00	32.13 2.32 0.00	31.25 2.07 -0.01
ASTORIA_GT2_3 24096	29.25 1.29 0.00	26.87 1.08 0.00	25.30 1.14 0.00	24.99 1.17 0.00	25.09 1.17 0.00	27.87 0.97 0.00	35.49 1.59 0.00	43.26 2.45 0.00	35.97 2.00 0.00	31.76 1.77 0.00	31.24 1.93 0.00	30.13 1.94 0.00	29.89 2.01 0.00	29.64 2.02 0.00	30.11 2.02 0.00	32.17 1.99 0.00	39.08 2.73 0.00	49.98 3.70 0.00	44.21 3.05 0.00	38.53 2.69 0.00	36.29 2.15 0.00	33.92 2.07 0.00	32.13 2.32 0.00	31.25 2.07 -0.01
ASTORIA_GT2_4 24097	29.25 1.29 0.00	26.87 1.08 0.00	25.30 1.14 0.00	24.99 1.17 0.00	25.09 1.17 0.00	27.87 0.97 0.00	35.49 1.59 0.00	43.26 2.45 0.00	35.97 2.00 0.00	31.76 1.77 0.00	31.24 1.93 0.00	30.13 1.94 0.00	29.89 2.01 0.00	29.64 2.02 0.00	30.11 2.02 0.00	32.17 1.99 0.00	39.08 2.73 0.00	49.98 3.70 0.00	44.21 3.05 0.00	38.53 2.69 0.00	36.29 2.15 0.00	33.92 2.07 0.00	32.13 2.32 0.00	31.25 2.07 -0.01
ASTORIA_GT3_1 24098	29.25 1.29 0.00	26.87 1.08 0.00	25.30 1.14 0.00	24.99 1.17 0.00	25.09 1.17 0.00	27.87 0.97 0.00	35.49 1.59 0.00	43.26 2.45 0.00	35.97 2.00 0.00	31.76 1.77 0.00	31.24 1.93 0.00	30.13 1.94 0.00	29.89 2.01 0.00	29.64 2.02 0.00	30.11 2.02 0.00	32.17 1.99 0.00	39.08 2.73 0.00	49.98 3.70 0.00	44.21 3.05 0.00	38.53 2.69 0.00	36.29 2.15 0.00	33.92 2.07 0.00	32.13 2.32 0.00	31.25 2.07 -0.01
ASTORIA_GT3_2 24099	29.25 1.29 0.00	26.87 1.08 0.00	25.30 1.14 0.00	24.99 1.17 0.00	25.09 1.17 0.00	27.87 0.97 0.00	35.49 1.59 0.00	43.26 2.45 0.00	35.97 2.00 0.00	31.76 1.77 0.00	31.24 1.93 0.00	30.13 1.94 0.00	29.89 2.01 0.00	29.64 2.02 0.00	30.11 2.02 0.00	32.17 1.99 0.00	39.08 2.73 0.00	49.98 3.70 0.00	44.21 3.05 0.00	38.53 2.69 0.00	36.29 2.15 0.00	33.92 2.07 0.00	32.13 2.32 0.00	31.25 2.07 -0.01
ASTORIA_GT3_3 24100	29.25 1.29 0.00	26.87 1.08 0.00	25.30 1.14 0.00	24.99 1.17 0.00	25.09 1.17 0.00	27.87 0.97 0.00	35.49 1.59 0.00	43.26 2.45 0.00	35.97 2.00 0.00	31.76 1.77 0.00	31.24 1.93 0.00	30.13 1.94 0.00	29.89 2.01 0.00	29.64 2.02 0.00	30.11 2.02 0.00	32.17 1.99 0.00	39.08 2.73 0.00	49.98 3.70 0.00	44.21 3.05 0.00	38.53 2.69 0.00	36.29 2.15 0.00	33.92 2.07 0.00	32.13 2.32 0.00	31.25 2.07 -0.01
ASTORIA_GT3_4 24101	29.25 1.29 0.00	26.87 1.08 0.00	25.30 1.14 0.00	24.99 1.17 0.00	25.09 1.17 0.00	27.87 0.97 0.00	35.49 1.59 0.00	43.26 2.45 0.00	35.97 2.00 0.00	31.76 1.77 0.00	31.24 1.93 0.00	30.13 1.94 0.00	29.89 2.01 0.00	29.64 2.02 0.00	30.11 2.02 0.00	32.17 1.99 0.00	39.08 2.73 0.00	49.98 3.70 0.00	44.21 3.05 0.00	38.53 2.69 0.00	36.29 2.15 0.00	33.92 2.07 0.00	32.13 2.32 0.00	31.25 2.07 -0.01
ASTORIA_GT4_1 24102	29.25 1.29 0.00	26.87 1.08 0.00	25.30 1.14 0.00	24.99 1.17 0.00	25.09 1.17 0.00	27.87 0.97 0.00	35.49 1.59 0.00	43.26 2.45 0.00	35.97 2.00 0.00	31.76 1.77 0.00	31.24 1.93 0.00	30.13 1.94 0.00	29.89 2.01 0.00	29.64 2.02 0.00	30.11 2.02 0.00	32.17 1.99 0.00	39.08 2.73 0.00	49.98 3.70 0.00	44.21 3.05 0.00	38.53 2.69 0.00	36.29 2.15 0.00	33.92 2.07 0.00	32.13 2.32 0.00	31.25 2.07 -0.01
ASTORIA_GT4_2 24103	29.25 1.29 0.00	26.87 1.08 0.00	25.30 1.14 0.00	24.99 1.17 0.00	25.09 1.17 0.00	27.87 0.97 0.00	35.49 1.59 0.00	43.26 2.45 0.00	35.97 2.00 0.00	31.76 1.77 0.00	31.24 1.93 0.00	30.13 1.94 0.00	29.89 2.01 0.00	29.64 2.02 0.00	30.11 2.02 0.00	32.17 1.99 0.00	39.08 2.73 0.00	49.98 3.70 0.00	44.21 3.05 0.00	38.53 2.69 0.00	36.29 2.15 0.00	33.92 2.07 0.00	32.13 2.32 0.00	31.25 2.07 -0.01
ASTORIA_GT4_3 24104	29.25 1.29 0.00	26.87 1.08 0.00	25.30 1.14 0.00	24.99 1.17 0.00	25.09 1.17 0.00	27.87 0.97 0.00	35.49 1.59 0.00	43.26 2.45 0.00	35.97 2.00 0.00	31.76 1.77 0.00	31.24 1.93 0.00	30.13 1.94 0.00	29.89 2.01 0.00	29.64 2.02 0.00	30.11 2.02 0.00	32.17 1.99 0.00	39.08 2.73 0.00	49.98 3.70 0.00	44.21 3.05 0.00	38.53 2.69 0.00	36.29 2.15 0.00	33.92 2.07 0.00	32.13 2.32 0.00	31.25 2.07 -0.01

ASTORIA_GT4_4 24105	29.25 1.29 0.00	26.87 1.08 0.00	25.30 1.14 0.00	24.99 1.17 0.00	25.09 1.17 0.00	27.87 0.97 0.00	35.49 1.59 0.00	43.26 2.45 0.00	35.97 2.00 0.00	31.76 1.77 0.00	31.24 1.93 0.00	30.13 1.94 0.00	29.89 2.01 0.00	29.64 2.02 0.00	30.11 2.02 0.00	32.17 1.99 0.00	39.08 2.73 0.00	49.98 3.70 0.00	44.21 3.05 0.00	38.53 2.69 0.00	36.29 2.15 0.00	33.92 2.07 0.00	32.13 2.32 0.00	31.25 2.07 -0.01
ASTORIA_GT_1 23523	29.16 1.20 0.00	26.92 1.13 0.00	25.33 1.16 0.00	25.01 1.19 0.00	25.11 1.20 0.00	27.92 1.02 0.00	35.56 1.66 0.00	43.38 2.57 0.01	36.07 2.11 0.01	31.81 1.83 0.01	31.29 1.99 0.01	30.15 1.97 0.01	29.94 2.06 0.01	29.69 2.07 0.01	30.15 2.08 0.01	32.25 2.08 0.01	39.18 2.84 0.01	50.06 3.80 0.01	44.28 3.13 0.01	38.63 2.80 0.01	36.42 2.29 0.01	33.98 2.13 0.00	32.20 2.39 -0.01	31.31 2.13 -0.01
ASTORIA_GT_10 24110	29.25 1.29 0.00	26.90 1.11 0.00	25.23 1.06 0.00	24.94 1.12 0.00	25.02 1.10 0.00	28.03 1.13 0.00	35.83 1.93 0.00	43.59 2.78 0.00	36.24 2.28 0.00	31.94 1.95 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.95 2.06 0.00	29.69 2.07 0.00	30.16 2.08 0.00	32.23 2.05 0.00	39.26 2.91 0.00	50.30 4.03 0.00	44.41 3.25 0.00	38.71 2.87 0.00	36.46 2.32 0.00	33.95 2.10 0.00	31.89 2.09 0.00	30.96 1.78 -0.01
ASTORIA_GT_11 24225	29.25 1.29 0.00	26.90 1.11 0.00	25.23 1.06 0.00	24.94 1.12 0.00	25.02 1.10 0.00	28.03 1.13 0.00	35.83 1.93 0.00	43.59 2.78 0.00	36.24 2.28 0.00	31.94 1.95 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.95 2.06 0.00	29.69 2.07 0.00	30.16 2.08 0.00	32.23 2.05 0.00	39.26 2.91 0.00	50.30 4.03 0.00	44.41 3.25 0.00	38.71 2.87 0.00	36.46 2.32 0.00	33.95 2.10 0.00	31.89 2.09 0.00	30.96 1.78 -0.01
ASTORIA_GT_12 24226	29.25 1.29 0.00	26.90 1.11 0.00	25.23 1.06 0.00	24.94 1.12 0.00	25.02 1.10 0.00	28.03 1.13 0.00	35.83 1.93 0.00	43.59 2.78 0.00	36.24 2.28 0.00	31.94 1.95 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.95 2.06 0.00	29.69 2.07 0.00	30.16 2.08 0.00	32.23 2.05 0.00	39.26 2.91 0.00	50.30 4.03 0.00	44.41 3.25 0.00	38.71 2.87 0.00	36.46 2.32 0.00	33.95 2.10 0.00	31.89 2.09 0.00	30.96 1.78 -0.01
ASTORIA_GT_13 24227	29.25 1.29 0.00	26.90 1.11 0.00	25.23 1.06 0.00	24.94 1.12 0.00	25.02 1.10 0.00	28.03 1.13 0.00	35.83 1.93 0.00	43.59 2.78 0.00	36.24 2.28 0.00	31.94 1.95 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.95 2.06 0.00	29.69 2.07 0.00	30.16 2.08 0.00	32.23 2.05 0.00	39.26 2.91 0.00	50.30 4.03 0.00	44.41 3.25 0.00	38.71 2.87 0.00	36.46 2.32 0.00	33.95 2.10 0.00	31.89 2.09 0.00	30.96 1.78 -0.01
ASTORIA_GT_5 24106	29.16 1.20 0.00	26.92 1.13 0.00	25.33 1.16 0.00	25.01 1.19 0.00	25.11 1.20 0.00	27.92 1.02 0.00	35.56 1.66 0.00	43.38 2.57 0.01	36.07 2.11 0.01	31.81 1.83 0.01	31.29 1.99 0.01	30.15 1.97 0.01	29.94 2.06 0.01	29.69 2.07 0.01	30.15 2.08 0.01	32.25 2.08 0.01	39.18 2.84 0.01	50.06 3.80 0.01	44.28 3.13 0.01	38.63 2.80 0.01	36.42 2.29 0.01	33.98 2.13 0.00	32.20 2.39 -0.01	31.31 2.13 -0.01
ASTORIA_GT_7 24107	29.16 1.20 0.00	26.92 1.13 0.00	25.33 1.16 0.00	25.01 1.19 0.00	25.11 1.20 0.00	27.92 1.02 0.00	35.56 1.66 0.00	43.38 2.57 0.01	36.07 2.11 0.01	31.81 1.83 0.01	31.29 1.99 0.01	30.15 1.97 0.01	29.94 2.06 0.01	29.69 2.07 0.01	30.15 2.08 0.01	32.25 2.08 0.01	39.18 2.84 0.01	50.06 3.80 0.01	44.28 3.13 0.01	38.63 2.80 0.01	36.42 2.29 0.01	33.98 2.13 0.00	32.20 2.39 -0.01	31.31 2.13 -0.01
ASTORIA_GT_8 24108	29.30 1.34 0.00	26.92 1.13 0.00	25.33 1.16 0.00	25.04 1.21 0.00	25.11 1.20 0.00	27.93 1.02 0.00	35.56 1.66 0.00	43.34 2.53 0.00	36.04 2.07 0.00	31.82 1.83 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.95 2.06 0.00	29.69 2.07 0.00	30.16 2.08 0.00	32.23 2.05 0.00	39.15 2.80 0.00	50.07 3.79 0.00	44.29 3.13 0.00	38.60 2.76 0.00	36.36 2.22 0.00	33.95 2.10 0.00	32.19 2.38 0.00	31.28 2.10 -0.01
ASTORIA___2 24149	29.11 1.15 0.00	26.87 1.08 0.00	25.30 1.14 0.00	24.97 1.14 0.00	25.09 1.17 0.00	27.90 1.00 0.00	35.53 1.63 0.00	43.30 2.49 0.01	36.00 2.04 0.01	31.75 1.77 0.01	31.23 1.93 0.01	30.12 1.94 0.01	29.88 2.01 0.01	29.63 2.02 0.01	30.10 2.02 0.01	32.20 2.02 0.01	39.10 2.76 0.01	49.97 3.70 0.01	44.20 3.05 0.01	38.56 2.72 0.01	36.35 2.22 0.01	33.92 2.07 0.00	32.17 2.35 -0.01	31.25 2.07 -0.01
ASTORIA___3 23516	29.19 1.23 0.00	26.90 1.11 0.00	25.23 1.06 0.00	24.92 1.10 0.00	25.02 1.10 0.00	28.03 1.13 0.00	35.83 1.93 0.00	43.63 2.81 0.00	36.25 2.28 0.00	31.94 1.95 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.95 2.06 0.00	29.70 2.07 0.00	30.16 2.08 0.00	32.26 2.08 0.00	39.29 2.94 0.00	50.30 4.02 0.00	44.41 3.25 0.00	38.71 2.87 0.00	36.53 2.39 0.00	33.95 2.10 0.00	31.92 2.12 0.00	30.96 1.78 -0.01
ASTORIA___4 23517	29.25 1.29 0.00	26.90 1.11 0.00	25.23 1.06 0.00	24.94 1.12 0.00	25.02 1.10 0.00	28.03 1.13 0.00	35.83 1.93 0.00	43.59 2.78 0.00	36.24 2.28 0.00	31.94 1.95 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.95 2.06 0.00	29.69 2.07 0.00	30.16 2.08 0.00	32.23 2.05 0.00	39.26 2.91 0.00	50.30 4.03 0.00	44.41 3.25 0.00	38.71 2.87 0.00	36.46 2.32 0.00	33.95 2.10 0.00	31.89 2.09 0.00	30.96 1.78 -0.01
ASTORIA___5 23518	29.19 1.23 0.00	26.90 1.11 0.00	25.23 1.06 0.00	24.92 1.10 0.00	25.02 1.10 0.00	28.03 1.13 0.00	35.83 1.93 0.00	43.63 2.81 0.00	36.25 2.28 0.00	31.94 1.95 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.92 2.03 0.00	29.70 2.07 0.00	30.16 2.08 0.00	32.26 2.08 0.00	39.29 2.94 0.00	50.30 4.02 0.00	44.41 3.25 0.00	38.71 2.87 0.00	36.53 2.39 0.00	33.95 2.10 0.00	31.92 2.12 0.00	30.96 1.78 -0.01
AST_ENERGY_2_CC3 323677	29.05 1.09 0.00	26.77 0.98 0.00	25.11 0.94 0.00	24.80 0.98 0.00	24.90 0.98 0.00	28.01 1.10 0.00	35.83 1.93 0.00	43.67 2.86 0.00	36.25 2.28 0.00	31.91 1.92 0.00	31.27 1.96 0.00	30.13 1.94 0.00	29.89 2.01 0.00	29.64 2.02 0.00	30.11 2.02 0.00	32.20 2.02 0.00	39.22 2.87 0.00	50.30 4.02 0.00	44.46 3.29 0.00	38.67 2.83 0.00	36.53 2.39 0.00	33.89 2.04 0.00	31.72 1.91 0.00	30.75 1.57 0.00
AST_ENERGY_2_CC4 323678	29.05 1.09 0.00	26.77 0.98 0.00	25.11 0.94 0.00	24.80 0.98 0.00	24.90 0.98 0.00	28.01 1.10 0.00	35.83 1.93 0.00	43.67 2.86 0.00	36.25 2.28 0.00	31.91 1.92 0.00	31.27 1.96 0.00	30.13 1.94 0.00	29.89 2.01 0.00	29.64 2.02 0.00	30.11 2.02 0.00	32.20 2.02 0.00	39.22 2.87 0.00	50.30 4.02 0.00	44.46 3.29 0.00	38.67 2.83 0.00	36.53 2.39 0.00	33.89 2.04 0.00	31.72 1.91 0.00	30.75 1.57 0.00

ATHENS_STG_1 23668	28.63 0.67 0.00	26.41 0.62 0.00	24.77 0.60 0.00	24.44 0.62 0.00	24.54 0.62 0.00	27.60 0.70 0.00	35.02 1.12 0.00	42.49 1.67 0.00	35.26 1.29 0.00	31.01 1.02 0.00	30.33 1.03 0.00	29.20 1.01 0.00	28.94 1.06 0.00	28.67 1.05 0.00	29.15 1.07 0.00	31.30 1.12 0.00	37.95 1.60 0.00	48.54 2.27 0.00	43.06 1.89 0.00	37.46 1.61 0.00	35.51 1.37 0.00	32.99 1.14 0.00	30.85 1.04 0.00	30.05 0.87 0.00
ATHENS_STG_2 23670	28.63 0.67 0.00	26.41 0.62 0.00	24.77 0.60 0.00	24.44 0.62 0.00	24.54 0.62 0.00	27.60 0.70 0.00	35.02 1.12 0.00	42.49 1.67 0.00	35.26 1.29 0.00	31.01 1.02 0.00	30.33 1.03 0.00	29.20 1.01 0.00	28.94 1.06 0.00	28.67 1.05 0.00	29.15 1.07 0.00	31.30 1.12 0.00	37.95 1.60 0.00	48.54 2.27 0.00	43.06 1.89 0.00	37.46 1.61 0.00	35.51 1.37 0.00	32.99 1.14 0.00	30.85 1.04 0.00	30.05 0.87 0.00
ATHENS_STG_3 23677	28.63 0.67 0.00	26.41 0.62 0.00	24.77 0.60 0.00	24.44 0.62 0.00	24.54 0.62 0.00	27.60 0.70 0.00	35.02 1.12 0.00	42.49 1.67 0.00	35.26 1.29 0.00	31.01 1.02 0.00	30.33 1.03 0.00	29.20 1.01 0.00	28.94 1.06 0.00	28.67 1.05 0.00	29.15 1.07 0.00	31.30 1.12 0.00	37.95 1.60 0.00	48.54 2.27 0.00	43.06 1.89 0.00	37.46 1.61 0.00	35.51 1.37 0.00	32.99 1.14 0.00	30.85 1.04 0.00	30.05 0.87 0.00
AUBURN___LFGE 323710	28.27 0.31 0.00	26.05 0.26 0.00	24.29 0.12 0.00	23.89 0.07 0.00	24.01 0.10 0.00	27.12 0.22 0.00	34.48 0.54 -0.04	52.64 0.86 -10.97	35.79 0.34 -1.48	30.41 0.42 0.00	29.62 0.29 -0.02	28.38 0.20 0.00	27.97 0.08 0.00	27.71 0.08 0.00	28.14 0.06 0.00	30.40 0.18 -0.04	36.68 0.29 -0.04	52.81 0.65 -5.89	44.33 0.45 -2.71	36.31 0.43 -0.04	34.39 0.20 -0.04	31.92 0.03 -0.04	29.63 -0.18 0.00	29.09 -0.09 0.00
BABYLON_RES_REC 323704	29.89 1.93 0.00	27.52 1.73 0.00	26.05 1.84 -0.05	25.54 1.72 0.00	25.94 1.94 -0.08	29.72 2.15 -0.66	40.23 3.19 -3.14	48.01 4.24 -2.96	45.91 3.40 -8.55	37.35 3.03 -4.33	34.52 3.02 -2.20	35.03 2.93 -3.91	32.33 2.95 -1.49	30.50 2.87 0.00	32.96 2.92 -1.96	40.24 2.99 -7.07	49.22 3.78 -9.09	68.42 4.72 -17.43	60.79 3.91 -15.71	50.29 3.66 -10.79	46.33 3.25 -8.95	42.93 3.06 -8.02	34.30 2.86 -1.63	33.31 2.60 -1.55
BABYLON___69_KV_BK2 356345	30.23 2.26 0.00	27.80 2.01 0.00	26.32 2.10 -0.05	25.80 1.98 0.00	26.20 2.20 -0.08	29.84 2.29 -0.65	40.34 3.39 -3.05	48.45 4.69 -2.94	45.98 3.70 -8.31	37.46 3.18 -4.29	34.64 3.17 -2.17	35.16 3.10 -3.87	32.48 3.12 -1.47	30.77 3.15 0.00	33.19 3.15 -1.97	40.54 3.32 -7.03	49.92 4.54 -9.02	69.90 6.11 -17.52	61.55 5.19 -15.20	50.36 4.55 -9.97	46.93 3.89 -8.89	43.30 3.47 -7.98	34.62 3.19 -1.62	33.57 2.86 -1.54
BALL_HILL_WT_PWR 323825	26.42 -1.54 0.00	24.27 -1.52 0.00	22.57 -1.60 0.00	22.11 -1.72 0.00	22.20 -1.72 0.00	24.97 -1.94 0.00	31.31 -2.58 0.01	31.43 -3.63 5.75	29.77 -3.43 0.77	27.92 -2.07 0.00	27.04 -2.26 0.01	25.88 -2.31 0.00	25.40 -2.48 0.00	25.14 -2.49 0.00	25.53 -2.56 0.00	27.42 -2.75 0.01	33.10 -3.24 0.01	39.59 -3.84 2.84	36.36 -3.50 1.30	33.28 -2.54 0.01	31.43 -2.70 0.01	29.45 -2.39 0.01	27.24 -2.56 0.00	27.16 -2.01 0.00
BARON_WINDS___WT_PWR 323822	28.24 0.28 0.00	26.05 0.26 0.00	24.27 0.10 0.00	23.87 0.05 0.00	23.94 0.02 0.00	26.96 0.05 0.00	34.17 0.24 -0.03	49.73 0.16 -8.76	34.84 -0.31 -1.18	30.17 0.18 0.00	29.35 0.03 -0.02	28.07 -0.11 0.00	27.60 -0.28 0.00	27.32 -0.30 0.00	27.77 -0.31 0.00	29.94 -0.27 -0.03	36.42 0.04 -0.03	51.29 0.33 -4.69	43.45 0.12 -2.16	36.23 0.36 -0.03	34.28 0.10 -0.03	32.01 0.13 -0.03	29.66 -0.15 0.00	29.14 -0.03 0.00
BARRETT_IC_1 23704	29.42 1.45 -0.01	27.09 1.29 -0.01	25.52 1.35 0.00	25.14 1.31 -0.01	25.42 1.51 0.00	28.86 1.45 -0.50	39.07 2.31 -2.86	49.53 3.35 -5.37	44.59 2.62 -8.00	32.38 2.19 -0.20	31.64 2.23 -0.11	30.54 2.17 -0.18	30.19 2.23 -0.07	29.98 2.35 -0.01	32.22 2.25 -1.89	45.53 2.36 -12.99	56.88 3.31 -17.22	68.33 4.44 -17.61	64.85 3.75 -19.94	80.94 3.33 -41.76	53.63 2.87 -16.62	49.08 2.49 -14.75	34.96 2.24 -2.92	33.72 1.90 -2.65
BARRETT_IC_10 23701	29.42 1.45 -0.01	27.09 1.29 -0.01	25.52 1.35 0.00	25.14 1.31 -0.01	25.42 1.51 0.00	28.86 1.45 -0.50	39.07 2.31 -2.86	49.53 3.35 -5.37	44.59 2.62 -8.00	32.38 2.19 -0.20	31.64 2.23 -0.11	30.54 2.17 -0.18	30.19 2.23 -0.07	29.98 2.35 -0.01	32.22 2.25 -1.89	45.53 2.36 -12.99	56.88 3.31 -17.22	68.33 4.44 -17.61	64.85 3.75 -19.94	80.94 3.33 -41.76	53.63 2.87 -16.62	49.08 2.49 -14.75	34.96 2.24 -2.92	33.72 1.90 -2.65
BARRETT_IC_11 23702	29.42 1.45 -0.01	27.09 1.29 -0.01	25.52 1.35 0.00	25.14 1.31 -0.01	25.42 1.51 0.00	28.86 1.45 -0.50	39.07 2.31 -2.86	49.53 3.35 -5.37	44.59 2.62 -8.00	32.38 2.19 -0.20	31.64 2.23 -0.11	30.54 2.17 -0.18	30.19 2.23 -0.07	29.98 2.35 -0.01	32.22 2.25 -1.89	45.53 2.36 -12.99	56.88 3.31 -17.22	68.33 4.44 -17.61	64.85 3.75 -19.94	80.94 3.33 -41.76	53.63 2.87 -16.62	49.08 2.49 -14.75	34.96 2.24 -2.92	33.72 1.90 -2.65
BARRETT_IC_12 23703	29.42 1.45 -0.01	27.09 1.29 -0.01	25.52 1.35 0.00	25.14 1.31 -0.01	25.42 1.51 0.00	28.86 1.45 -0.50	39.07 2.31 -2.86	49.53 3.35 -5.37	44.59 2.62 -8.00	32.38 2.19 -0.20	31.64 2.23 -0.11	30.54 2.17 -0.18	30.19 2.23 -0.07	29.98 2.35 -0.01	32.22 2.25 -1.89	45.53 2.36 -12.99	56.88 3.31 -17.22	68.33 4.44 -17.61	64.85 3.75 -19.94	80.94 3.33 -41.76	53.63 2.87 -16.62	49.08 2.49 -14.75	34.96 2.24 -2.92	33.72 1.90 -2.65
BARRETT_IC_2 23705	29.42 1.45 -0.01	27.09 1.29 -0.01	25.52 1.35 0.00	25.14 1.31 -0.01	25.42 1.51 0.00	28.86 1.45 -0.50	39.07 2.31 -2.86	49.53 3.35 -5.37	44.59 2.62 -8.00	32.38 2.19 -0.20	31.64 2.23 -0.11	30.54 2.17 -0.18	30.19 2.23 -0.07	29.98 2.35 -0.01	32.22 2.25 -1.89	45.53 2.36 -12.99	56.88 3.31 -17.22	68.33 4.44 -17.61	64.85 3.75 -19.94	80.94 3.33 -41.76	53.63 2.87 -16.62	49.08 2.49 -14.75	34.96 2.24 -2.92	33.72 1.90 -2.65
BARRETT_IC_3 23706	29.42 1.45 -0.01	27.09 1.29 -0.01	25.52 1.35 0.00	25.14 1.31 -0.01	25.42 1.51 0.00	28.86 1.45 -0.50	39.07 2.31 -2.86	49.53 3.35 -5.37	44.59 2.62 -8.00	32.38 2.19 -0.20	31.64 2.23 -0.11	30.54 2.17 -0.18	30.19 2.23 -0.07	29.98 2.35 -0.01	32.22 2.25 -1.89	45.53 2.36 -12.99	56.88 3.31 -17.22	68.33 4.44 -17.61	64.85 3.75 -19.94	80.94 3.33 -41.76	53.63 2.87 -16.62	49.08 2.49 -14.75	34.96 2.24 -2.92	33.72 1.90 -2.65
BARRETT_IC_4 23707	29.42 1.45 -0.01	27.09 1.29 -0.01	25.52 1.35 0.00	25.14 1.31 -0.01	25.42 1.51 0.00	28.86 1.45 -0.50	39.07 2.31 -2.86	49.53 3.35 -5.37	44.59 2.62 -8.00	32.38 2.19 -0.20	31.64 2.23 -0.11	30.54 2.17 -0.18	30.19 2.23 -0.07	29.98 2.35 -0.01	32.22 2.25 -1.89	45.53 2.36 -12.99	56.88 3.31 -17.22	68.33 4.44 -17.61	64.85 3.75 -19.94	80.94 3.33 -41.76	53.63 2.87 -16.62	49.08 2.49 -14.75	34.96 2.24 -2.92	33.72 1.90 -2.65

BARRETT_IC_5 23708	29.42 1.45 -0.01	27.09 1.29 -0.01	25.52 1.35 0.00	25.14 1.31 -0.01	25.42 1.51 0.00	28.86 1.45 -0.50	39.07 2.31 -2.86	49.53 3.35 -5.37	44.59 2.62 -8.00	32.38 2.19 -0.20	31.64 2.23 -0.11	30.54 2.17 -0.18	30.19 2.23 -0.07	29.98 2.35 -0.01	32.22 2.25 -1.89	45.53 2.36 -12.99	56.88 3.31 -17.22	68.33 4.44 -17.61	64.85 3.75 -19.94	80.94 3.33 -41.76	53.63 2.87 -16.62	49.08 2.49 -14.75	34.96 2.24 -2.92	33.72 1.90 -2.65
BARRETT_IC_6 23709	29.42 1.45 -0.01	27.09 1.29 -0.01	25.52 1.35 0.00	25.14 1.31 -0.01	25.42 1.51 0.00	28.86 1.45 -0.50	39.07 2.31 -2.86	49.53 3.35 -5.37	44.59 2.62 -8.00	32.38 2.19 -0.20	31.64 2.23 -0.11	30.54 2.17 -0.18	30.19 2.23 -0.07	29.98 2.35 -0.01	32.22 2.25 -1.89	45.53 2.36 -12.99	56.88 3.31 -17.22	68.33 4.44 -17.61	64.85 3.75 -19.94	80.94 3.33 -41.76	53.63 2.87 -16.62	49.08 2.49 -14.75	34.96 2.24 -2.92	33.72 1.90 -2.65
BARRETT_IC_7 23710	29.45 1.48 -0.01	27.09 1.29 -0.01	25.52 1.35 0.00	25.14 1.31 -0.01	25.42 1.51 0.01	28.86 1.45 -0.50	39.10 2.34 -2.86	49.53 3.35 -5.37	44.62 2.65 -8.00	32.38 2.19 -0.20	31.64 2.23 -0.11	30.54 2.17 -0.18	30.19 2.23 -0.07	29.98 2.35 -0.01	32.22 2.25 -1.89	45.50 2.32 -12.99	56.88 3.31 -17.22	68.38 4.49 -17.61	64.81 3.70 -19.94	80.93 3.33 -41.76	53.53 2.77 -16.62	48.95 2.36 -14.75	34.99 2.27 -2.92	33.75 1.93 -2.65
BARRETT_IC_8 23711	29.42 1.45 -0.01	27.09 1.29 -0.01	25.52 1.35 0.00	25.14 1.31 -0.01	25.42 1.51 0.00	28.86 1.45 -0.50	39.07 2.31 -2.86	49.53 3.35 -5.37	44.59 2.62 -8.00	32.38 2.19 -0.20	31.64 2.23 -0.11	30.54 2.17 -0.18	30.19 2.23 -0.07	29.98 2.35 -0.01	32.22 2.25 -1.89	45.53 2.36 -12.99	56.88 3.31 -17.22	68.33 4.44 -17.61	64.85 3.75 -19.94	80.94 3.33 -41.76	53.63 2.87 -16.62	49.08 2.49 -14.75	34.96 2.24 -2.92	33.72 1.90 -2.65
BARRETT_IC_9 23700	29.42 1.45 -0.01	27.09 1.29 -0.01	25.52 1.35 0.00	25.14 1.31 -0.01	25.42 1.51 0.00	28.86 1.45 -0.50	39.07 2.31 -2.86	49.53 3.35 -5.37	44.59 2.62 -8.00	32.38 2.19 -0.20	31.64 2.23 -0.11	30.54 2.17 -0.18	30.19 2.23 -0.07	29.98 2.35 -0.01	32.22 2.25 -1.89	45.53 2.36 -12.99	56.88 3.31 -17.22	68.33 4.44 -17.61	64.85 3.75 -19.94	80.94 3.33 -41.76	53.63 2.87 -16.62	49.08 2.49 -14.75	34.96 2.24 -2.92	33.72 1.90 -2.65
BARRETT___1 23545	29.42 1.45 -0.01	27.09 1.29 -0.01	25.52 1.35 0.00	25.14 1.31 -0.01	25.42 1.51 0.00	28.86 1.45 -0.50	39.07 2.31 -2.86	49.53 3.35 -5.37	44.59 2.62 -8.00	32.38 2.19 -0.20	31.64 2.23 -0.11	30.54 2.17 -0.18	30.19 2.23 -0.07	29.98 2.35 -0.01	32.22 2.25 -1.89	45.53 2.36 -12.99	56.88 3.31 -17.22	68.33 4.44 -17.61	64.85 3.75 -19.94	80.94 3.33 -41.76	53.63 2.87 -16.62	49.08 2.49 -14.75	34.96 2.24 -2.92	33.72 1.90 -2.65
BARRETT___2 23546	29.42 1.45 -0.01	27.09 1.29 -0.01	25.52 1.35 0.00	25.14 1.31 -0.01	25.42 1.51 0.00	28.86 1.45 -0.50	39.07 2.31 -2.86	49.53 3.35 -5.37	44.59 2.62 -8.00	32.38 2.19 -0.20	31.64 2.23 -0.11	30.54 2.17 -0.18	30.19 2.23 -0.07	29.98 2.35 -0.01	32.22 2.25 -1.89	45.53 2.36 -12.99	56.88 3.31 -17.22	68.33 4.44 -17.61	64.85 3.75 -19.94	80.94 3.33 -41.76	53.63 2.87 -16.62	49.08 2.49 -14.75	34.96 2.24 -2.92	33.72 1.90 -2.65
BATAVIA__115KV_TB1 55881	26.37 -1.59 0.00	24.32 -1.47 0.00	22.65 -1.52 0.00	22.16 -1.67 0.00	22.29 -1.63 0.00	25.05 -1.86 0.00	31.68 -2.20 0.02	31.46 -2.61 6.75	30.45 -2.62 0.91	28.19 -1.80 0.00	27.24 -2.05 0.01	26.10 -2.09 0.00	25.62 -2.26 0.00	25.36 -2.27 0.00	25.75 -2.33 0.00	27.90 -2.26 0.02	34.04 -2.29 0.02	40.28 -2.64 3.36	37.15 -2.47 1.54	34.17 -1.65 0.02	32.04 -2.08 0.02	29.73 -2.10 0.02	27.45 -2.35 0.00	27.34 -1.84 0.00
BAYONEEC___CTG1 323682	29.08 1.12 0.00	26.79 1.00 0.00	25.14 0.97 0.00	24.82 1.00 0.00	24.92 1.00 0.00	28.03 1.13 0.00	35.87 1.97 0.00	43.75 2.94 0.00	36.28 2.31 0.00	31.97 1.98 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.92 2.03 0.00	29.67 2.04 0.00	30.13 2.05 0.00	32.23 2.05 0.00	39.29 2.94 0.00	50.39 4.12 0.00	44.54 3.38 0.00	38.71 2.87 0.00	36.57 2.42 0.00	33.92 2.07 0.00	31.72 1.91 0.00	30.75 1.57 0.00
BAYONEEC___CTG10 323750	29.08 1.12 0.00	26.79 1.00 0.00	25.14 0.97 0.00	24.82 1.00 0.00	24.92 1.00 0.00	28.03 1.13 0.00	35.87 1.97 0.00	43.75 2.94 0.00	36.28 2.31 0.00	31.97 1.98 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.92 2.03 0.00	29.67 2.04 0.00	30.13 2.05 0.00	32.23 2.05 0.00	39.29 2.94 0.00	50.39 4.12 0.00	44.54 3.38 0.00	38.71 2.87 0.00	36.57 2.42 0.00	33.92 2.07 0.00	31.72 1.91 0.00	30.75 1.57 0.00
BAYONEEC___CTG2 323683	29.08 1.12 0.00	26.79 1.00 0.00	25.14 0.97 0.00	24.82 1.00 0.00	24.92 1.00 0.00	28.03 1.13 0.00	35.87 1.97 0.00	43.75 2.94 0.00	36.28 2.31 0.00	31.97 1.98 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.92 2.03 0.00	29.67 2.04 0.00	30.13 2.05 0.00	32.23 2.05 0.00	39.29 2.94 0.00	50.39 4.12 0.00	44.54 3.38 0.00	38.71 2.87 0.00	36.57 2.42 0.00	33.92 2.07 0.00	31.72 1.91 0.00	30.75 1.57 0.00
BAYONEEC___CTG3 323684	29.08 1.12 0.00	26.79 1.00 0.00	25.14 0.97 0.00	24.82 1.00 0.00	24.92 1.00 0.00	28.03 1.13 0.00	35.87 1.97 0.00	43.75 2.94 0.00	36.28 2.31 0.00	31.97 1.98 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.92 2.03 0.00	29.67 2.04 0.00	30.13 2.05 0.00	32.23 2.05 0.00	39.29 2.94 0.00	50.39 4.12 0.00	44.54 3.38 0.00	38.71 2.87 0.00	36.57 2.42 0.00	33.92 2.07 0.00	31.72 1.91 0.00	30.75 1.57 0.00
BAYONEEC___CTG4 323685	29.08 1.12 0.00	26.79 1.00 0.00	25.14 0.97 0.00	24.82 1.00 0.00	24.92 1.00 0.00	28.03 1.13 0.00	35.87 1.97 0.00	43.75 2.94 0.00	36.28 2.31 0.00	31.97 1.98 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.92 2.03 0.00	29.67 2.04 0.00	30.13 2.05 0.00	32.23 2.05 0.00	39.29 2.94 0.00	50.39 4.12 0.00	44.54 3.38 0.00	38.71 2.87 0.00	36.57 2.42 0.00	33.92 2.07 0.00	31.72 1.91 0.00	30.75 1.57 0.00
BAYONEEC___CTG5 323686	29.08 1.12 0.00	26.79 1.00 0.00	25.14 0.97 0.00	24.82 1.00 0.00	24.92 1.00 0.00	28.03 1.13 0.00	35.87 1.97 0.00	43.75 2.94 0.00	36.28 2.31 0.00	31.97 1.98 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.92 2.03 0.00	29.67 2.04 0.00	30.13 2.05 0.00	32.23 2.05 0.00	39.29 2.94 0.00	50.39 4.12 0.00	44.54 3.38 0.00	38.71 2.87 0.00	36.57 2.42 0.00	33.92 2.07 0.00	31.72 1.91 0.00	30.75 1.57 0.00
BAYONEEC___CTG6 323687	29.08 1.12 0.00	26.79 1.00 0.00	25.14 0.97 0.00	24.82 1.00 0.00	24.92 1.00 0.00	28.03 1.13 0.00	35.87 1.97 0.00	43.75 2.94 0.00	36.28 2.31 0.00	31.97 1.98 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.92 2.03 0.00	29.67 2.04 0.00	30.13 2.05 0.00	32.23 2.05 0.00	39.29 2.94 0.00	50.39 4.12 0.00	44.54 3.38 0.00	38.71 2.87 0.00	36.57 2.42 0.00	33.92 2.07 0.00	31.72 1.91 0.00	30.75 1.57 0.00

BAYONEEC___CTG7 323688	29.08 1.12 0.00	26.79 1.00 0.00	25.14 0.97 0.00	24.82 1.00 0.00	24.92 1.00 0.00	28.03 1.13 0.00	35.87 1.97 0.00	43.75 2.94 0.00	36.28 2.31 0.00	31.97 1.98 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.92 2.03 0.00	29.67 2.04 0.00	30.13 2.05 0.00	32.23 2.05 0.00	39.29 2.94 0.00	50.39 4.12 0.00	44.54 3.38 0.00	38.71 2.87 0.00	36.57 2.42 0.00	33.92 2.07 0.00	31.72 1.91 0.00	30.75 1.57 0.00
BAYONEEC___CTG8 323689	29.08 1.12 0.00	26.79 1.00 0.00	25.14 0.97 0.00	24.82 1.00 0.00	24.92 1.00 0.00	28.03 1.13 0.00	35.87 1.97 0.00	43.75 2.94 0.00	36.28 2.31 0.00	31.97 1.98 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.92 2.03 0.00	29.67 2.04 0.00	30.13 2.05 0.00	32.23 2.05 0.00	39.29 2.94 0.00	50.39 4.12 0.00	44.54 3.38 0.00	38.71 2.87 0.00	36.57 2.42 0.00	33.92 2.07 0.00	31.72 1.91 0.00	30.75 1.57 0.00
BAYONEEC___CTG9 323749	29.08 1.12 0.00	26.79 1.00 0.00	25.14 0.97 0.00	24.82 1.00 0.00	24.92 1.00 0.00	28.03 1.13 0.00	35.87 1.97 0.00	43.75 2.94 0.00	36.28 2.31 0.00	31.97 1.98 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.92 2.03 0.00	29.67 2.04 0.00	30.13 2.05 0.00	32.23 2.05 0.00	39.29 2.94 0.00	50.39 4.12 0.00	44.54 3.38 0.00	38.71 2.87 0.00	36.57 2.42 0.00	33.92 2.07 0.00	31.72 1.91 0.00	30.75 1.57 0.00
BEACON___LESR 323632	28.69 0.73 0.00	26.43 0.65 0.00	24.84 0.68 0.00	24.51 0.69 0.00	24.64 0.72 0.00	27.71 0.81 0.00	35.22 1.32 0.00	42.65 1.84 0.00	35.36 1.39 0.00	30.98 0.99 0.00	30.27 0.97 0.00	29.15 0.96 0.00	28.83 0.95 0.00	28.56 0.94 0.00	29.09 1.01 0.00	31.42 1.24 0.00	38.06 1.71 0.00	48.68 2.40 0.00	43.18 2.02 0.00	37.53 1.68 0.00	35.61 1.47 0.00	33.09 1.24 0.00	30.85 1.04 0.00	30.05 0.87 0.00
BEAVER RIVER___HYD 24048	27.74 -0.22 0.00	25.56 -0.23 0.00	23.90 -0.27 0.00	23.30 -0.52 0.00	23.42 -0.50 0.00	26.39 -0.51 0.00	33.29 -0.61 0.00	40.16 -0.65 0.00	33.19 -0.78 0.00	29.15 -0.84 0.00	28.43 -0.88 0.00	27.26 -0.93 0.00	26.88 -1.00 0.00	26.63 -0.99 0.00	27.13 -0.95 0.00	29.28 -0.90 0.00	35.66 -0.69 0.00	45.58 -0.69 0.00	40.50 -0.66 0.00	35.20 -0.64 0.00	33.59 -0.55 0.00	31.24 -0.61 0.00	29.21 -0.60 0.00	28.53 -0.64 0.00
BEEBEE_GT_13 23619	26.70 -1.26 0.00	24.60 -1.19 0.00	22.96 -1.21 0.00	22.54 -1.29 0.00	22.65 -1.27 0.00	25.48 -1.43 0.00	32.29 -1.59 0.02	32.68 -1.67 6.46	31.33 -1.77 0.87	28.58 -1.41 0.00	27.71 -1.58 0.01	26.61 -1.58 0.00	26.18 -1.70 0.00	25.91 -1.71 0.00	26.34 -1.74 0.00	28.44 -1.72 0.02	34.84 -1.49 0.02	41.49 -1.57 3.22	38.16 -1.52 1.48	34.67 -1.15 0.02	32.72 -1.40 0.02	30.27 -1.56 0.02	28.02 -1.79 0.00	27.74 -1.43 0.00
BENSHRST_27_KV_BENSHRST_1 355998	29.50 1.54 0.00	27.26 1.47 0.00	25.52 1.35 0.00	25.20 1.38 0.00	25.28 1.36 0.00	28.30 1.40 0.00	36.24 2.34 0.00	44.08 3.27 0.00	36.55 2.58 0.00	32.24 2.25 0.00	31.47 2.17 0.00	30.36 2.17 0.00	30.14 2.26 0.00	29.92 2.29 0.00	30.41 2.33 0.00	32.51 2.32 0.00	39.78 3.42 -0.01	50.91 4.63 -0.01	45.00 3.83 -0.01	39.19 3.33 -0.01	36.87 2.73 0.00	34.30 2.45 0.00	32.22 2.41 0.00	31.22 2.04 -0.01
BETHLEHEM___GRP 23843	28.10 0.14 0.00	25.92 0.13 0.00	24.36 0.19 0.00	24.04 0.21 0.00	24.16 0.24 0.00	27.12 0.22 0.00	34.38 0.47 0.00	41.59 0.78 0.00	34.51 0.54 0.00	30.32 0.33 0.00	29.66 0.35 0.00	28.55 0.37 0.00	28.27 0.39 0.00	28.01 0.39 0.00	28.53 0.45 0.00	30.72 0.54 0.00	37.19 0.84 0.00	47.52 1.25 0.00	42.15 0.99 0.00	36.67 0.82 0.00	34.76 0.61 0.00	32.36 0.51 0.00	30.19 0.39 0.00	29.44 0.26 0.00
BETHLEHEM___GS1 323560	28.10 0.14 0.00	25.92 0.13 0.00	24.36 0.19 0.00	24.06 0.24 0.00	24.16 0.24 0.00	27.12 0.21 0.00	34.38 0.47 0.00	41.63 0.82 0.00	34.51 0.54 0.00	30.32 0.33 0.00	29.66 0.35 0.00	28.55 0.37 0.00	28.27 0.39 0.00	28.01 0.39 0.00	28.53 0.45 0.00	30.73 0.54 0.00	37.19 0.84 0.00	47.53 1.25 0.00	42.15 0.99 0.00	36.67 0.82 0.00	34.79 0.65 0.00	32.36 0.51 0.00	30.22 0.42 0.00	29.44 0.26 0.00
BETHLEHEM___GS2 323561	28.10 0.14 0.00	25.92 0.13 0.00	24.36 0.19 0.00	24.06 0.24 0.00	24.16 0.24 0.00	27.12 0.21 0.00	34.38 0.47 0.00	41.63 0.82 0.00	34.51 0.54 0.00	30.32 0.33 0.00	29.66 0.35 0.00	28.55 0.37 0.00	28.27 0.39 0.00	28.01 0.39 0.00	28.53 0.45 0.00	30.73 0.54 0.00	37.19 0.84 0.00	47.53 1.25 0.00	42.15 0.99 0.00	36.67 0.82 0.00	34.79 0.65 0.00	32.36 0.51 0.00	30.22 0.42 0.00	29.44 0.26 0.00
BETHLEHEM___GS3 323562	28.10 0.14 0.00	25.92 0.13 0.00	24.36 0.19 0.00	24.06 0.24 0.00	24.16 0.24 0.00	27.12 0.21 0.00	34.38 0.47 0.00	41.63 0.82 0.00	34.51 0.54 0.00	30.32 0.33 0.00	29.66 0.35 0.00	28.55 0.37 0.00	28.27 0.39 0.00	28.01 0.39 0.00	28.53 0.45 0.00	30.73 0.54 0.00	37.19 0.84 0.00	47.53 1.25 0.00	42.15 0.99 0.00	36.67 0.82 0.00	34.79 0.65 0.00	32.36 0.51 0.00	30.22 0.42 0.00	29.44 0.26 0.00
BETHLEHEM___STEEL 23779	26.12 -1.85 0.00	24.09 -1.70 0.00	22.43 -1.74 0.00	21.94 -1.88 0.00	22.03 -1.89 0.00	24.78 -2.13 0.00	31.04 -2.85 0.01	30.65 -3.96 6.20	29.44 -3.70 0.83	27.74 -2.25 0.00	26.84 -2.46 0.01	25.68 -2.51 0.00	25.21 -2.68 0.00	24.94 -2.68 0.00	25.33 -2.75 0.00	27.36 -2.81 0.01	33.03 -3.31 0.01	38.99 -4.21 3.07	35.96 -3.79 1.41	33.32 -2.51 0.01	31.16 -2.97 0.01	29.26 -2.58 0.01	27.06 -2.74 0.00	27.02 -2.16 0.00
BETHLHEM_115KV_TB1 79974	28.18 0.22 0.00	25.97 0.18 0.00	24.43 0.27 0.00	24.11 0.29 0.00	24.21 0.29 0.00	27.20 0.30 0.00	34.48 0.58 0.00	41.71 0.90 0.00	34.58 0.61 0.00	30.41 0.42 0.00	29.75 0.44 0.00	28.64 0.45 0.00	28.36 0.47 0.00	28.09 0.47 0.00	28.59 0.51 0.00	30.79 0.60 0.00	37.26 0.91 0.00	47.66 1.39 0.00	42.27 1.11 0.00	36.74 0.90 0.00	34.82 0.68 0.00	32.42 0.57 0.00	30.28 0.48 0.00	29.52 0.35 0.00
BETHPAGE_CC_5 323564	29.72 1.76 0.00	27.36 1.57 0.00	25.86 1.64 -0.04	25.37 1.55 0.00	25.76 1.77 -0.07	29.51 1.99 -0.62	39.79 2.95 -2.94	47.79 3.96 -3.01	45.14 3.16 -8.01	36.67 2.82 -3.86	34.08 2.81 -1.96	34.43 2.76 -3.48	32.00 2.79 -1.33	30.30 2.68 0.00	32.77 2.72 -1.97	40.17 2.77 -7.22	49.39 3.74 -9.30	68.71 4.81 -17.63	61.80 3.91 -16.73	51.24 3.51 -11.89	46.38 3.11 -9.14	42.71 2.68 -8.18	34.15 2.68 -1.66	33.16 2.42 -1.56
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.28 -1.68 0.00	24.27 -1.52 0.00	22.57 -1.60 0.00	22.08 -1.74 0.00	22.17 -1.75 0.00	24.94 -1.96 0.00	31.18 -2.71 0.01	30.85 -3.96 6.00	29.50 -3.67 0.80	27.92 -2.07 0.00	26.98 -2.32 0.01	25.82 -2.37 0.00	25.35 -2.54 0.00	25.11 -2.51 0.00	25.47 -2.61 0.00	27.54 -2.63 0.01	33.10 -3.24 0.01	39.14 -4.16 2.97	36.01 -3.79 1.36	33.46 -2.37 0.01	31.19 -2.94 0.01	29.41 -2.42 0.01	27.24 -2.56 0.00	27.16 -2.01 0.00

BINGHAMTON___COGEN 23790	28.07 0.11 0.00	25.89 0.10 0.00	24.19 0.02 0.00	23.82 0.00 0.00	23.94 0.02 0.00	26.96 0.05 0.00	34.12 0.20 -0.02	45.08 0.24 -4.02	34.41 -0.10 -0.54	30.14 0.15 0.00	29.40 0.09 -0.01	28.21 0.03 0.00	27.86 -0.03 0.00	27.59 -0.03 0.00	28.03 -0.06 0.00	30.23 0.03 -0.01	36.73 0.36 -0.02	49.10 0.65 -2.18	42.62 0.45 -1.00	36.43 0.57 -0.02	34.40 0.24 -0.02	32.12 0.25 -0.02	29.90 0.09 0.00	29.29 0.12 0.00
BIXINCNT_115KV_LOAD 355685	26.90 -1.06 0.00	24.78 -1.01 0.00	22.98 -1.18 0.00	22.39 -1.43 0.00	22.41 -1.51 0.00	25.23 -1.67 0.00	31.35 -2.54 0.01	31.39 -4.24 5.18	29.30 -3.97 0.69	28.07 -1.92 0.00	26.96 -2.34 0.01	25.65 -2.54 0.00	25.12 -2.76 0.00	24.92 -2.71 0.00	25.22 -2.86 0.00	27.24 -2.93 0.01	32.63 -3.71 0.01	38.92 -4.81 2.54	35.63 -4.36 1.17	33.07 -2.76 0.01	30.82 -3.31 0.01	29.54 -2.29 0.01	27.45 -2.35 0.00	27.28 -1.90 0.00
BLACK RIVER___HYD 24047	27.65 -0.31 0.00	25.48 -0.31 0.00	23.76 -0.41 0.00	23.25 -0.57 0.00	23.37 -0.55 0.00	26.42 -0.48 0.00	33.46 -0.44 0.00	40.33 -0.49 0.00	33.19 -0.78 0.00	29.12 -0.87 0.00	28.34 -0.97 0.00	27.17 -1.01 0.00	26.74 -1.14 0.00	26.52 -1.11 0.00	27.02 -1.07 0.00	29.19 -1.00 0.00	35.92 -0.43 0.00	46.04 -0.23 0.00	40.92 -0.25 0.00	35.55 -0.29 0.00	33.83 -0.31 0.00	31.34 -0.51 0.00	29.18 -0.63 0.00	28.53 -0.64 0.00
BLACKRVR_115KV_TB2 79977	27.63 -0.34 0.00	25.48 -0.31 0.00	23.76 -0.41 0.00	23.25 -0.57 0.00	23.37 -0.55 0.00	26.42 -0.48 0.00	33.46 -0.44 0.00	40.32 -0.49 0.00	33.19 -0.78 0.00	29.12 -0.87 0.00	28.34 -0.97 0.00	27.17 -1.01 0.00	26.74 -1.14 0.00	26.52 -1.10 0.00	27.02 -1.07 0.00	29.19 -1.00 0.00	35.91 -0.44 0.00	46.04 -0.23 0.00	40.92 -0.25 0.00	35.55 -0.29 0.00	33.83 -0.31 0.00	31.34 -0.51 0.00	29.18 -0.63 0.00	28.53 -0.64 0.00
BLISS_WT_PWR 323608	26.96 -1.01 0.00	24.76 -1.03 0.00	22.91 -1.26 0.00	22.32 -1.50 0.00	22.32 -1.60 0.00	25.10 -1.80 0.00	31.21 -2.68 0.01	31.19 -4.45 5.18	29.13 -4.15 0.69	27.92 -2.07 0.00	26.72 -2.58 0.01	25.40 -2.79 0.00	24.87 -3.01 0.00	24.64 -2.98 0.00	24.97 -3.12 0.00	26.73 -3.44 0.01	32.09 -4.25 0.01	38.59 -5.14 2.54	35.34 -4.65 1.17	32.32 -3.51 0.01	30.61 -3.52 0.01	29.32 -2.52 0.01	27.24 -2.56 0.00	27.13 -2.04 0.00
BLUESTONE___WT_PWR 323821	29.78 1.82 0.00	27.44 1.65 0.00	25.57 1.40 0.00	25.18 1.36 0.00	25.35 1.44 0.00	28.73 1.83 0.00	36.63 2.71 -0.01	48.24 3.51 -3.91	36.81 2.31 -0.53	31.97 1.98 0.00	31.04 1.73 -0.01	29.68 1.49 0.00	29.25 1.37 0.00	28.98 1.35 0.00	29.46 1.38 0.00	31.85 1.66 -0.01	39.24 2.87 -0.01	52.46 4.07 -2.11	45.63 3.50 -0.97	38.94 3.08 -0.01	36.89 2.73 -0.01	34.19 2.32 -0.01	31.72 1.91 0.00	31.01 1.84 0.00
BLUE_CIRC_CHEM_DRP 24182	28.60 0.64 0.00	26.38 0.59 0.00	24.75 0.58 0.00	24.42 0.60 0.00	24.52 0.60 0.00	27.58 0.67 0.00	34.92 1.02 0.00	42.20 1.39 0.00	34.99 1.02 0.00	30.71 0.72 0.00	30.04 0.73 0.00	28.89 0.70 0.00	28.61 0.72 0.00	28.34 0.72 0.00	28.84 0.76 0.00	31.09 0.91 0.00	37.62 1.27 0.00	48.08 1.80 0.00	42.68 1.52 0.00	37.13 1.29 0.00	35.23 1.09 0.00	32.80 0.96 0.00	30.64 0.83 0.00	29.90 0.73 0.00
BOC_GAS_DRP 24189	28.35 0.39 0.00	26.15 0.36 0.00	24.56 0.39 0.00	24.23 0.40 0.00	24.33 0.41 0.00	27.36 0.46 0.00	34.65 0.75 0.00	41.92 1.10 0.00	34.78 0.82 0.00	30.62 0.63 0.00	29.95 0.64 0.00	28.83 0.65 0.00	28.55 0.67 0.00	28.29 0.66 0.00	28.76 0.67 0.00	30.94 0.75 0.00	37.44 1.09 0.00	47.85 1.57 0.00	42.44 1.28 0.00	36.92 1.08 0.00	34.99 0.85 0.00	32.61 0.76 0.00	30.46 0.66 0.00	29.70 0.53 0.00
BOONVILLE_115KV_TB1 79983	28.46 0.50 0.00	26.25 0.46 0.00	24.53 0.36 0.00	24.04 0.21 0.00	24.16 0.24 0.00	27.28 0.38 0.00	34.55 0.64 0.00	41.79 0.98 0.00	34.55 0.58 0.00	30.38 0.39 0.00	29.63 0.32 0.00	28.41 0.23 0.00	28.05 0.17 0.00	27.79 0.17 0.00	28.31 0.22 0.00	30.48 0.30 0.00	37.11 0.76 0.00	47.43 1.16 0.00	42.11 0.95 0.00	36.63 0.79 0.00	34.82 0.68 0.00	32.36 0.51 0.00	30.19 0.39 0.00	29.49 0.32 0.00
BORALEX_4TH_BRANCH 23824	29.11 1.15 0.00	26.82 1.03 0.00	25.21 1.04 0.00	24.87 1.05 0.00	25.02 1.10 0.00	28.22 1.32 0.00	35.77 1.86 0.00	43.38 2.57 0.00	35.94 1.97 0.00	31.52 1.53 0.00	30.83 1.52 0.00	29.68 1.49 0.00	29.42 1.53 0.00	29.14 1.52 0.00	29.66 1.57 0.00	31.90 1.72 0.00	38.68 2.33 0.00	49.51 3.24 0.00	43.88 2.72 0.00	38.21 2.37 0.00	36.12 1.98 0.00	33.66 1.82 0.00	31.42 1.61 0.00	30.55 1.37 0.00
BOWLINE___1 23526	28.94 0.98 0.00	26.69 0.90 0.00	25.01 0.85 0.00	24.70 0.88 0.00	24.80 0.89 0.00	27.92 1.02 0.00	35.60 1.69 0.00	43.39 2.57 0.00	35.94 1.97 0.00	31.61 1.62 0.00	30.95 1.64 0.00	29.82 1.63 0.00	29.56 1.67 0.00	29.31 1.69 0.00	29.74 1.66 0.00	31.87 1.69 0.00	38.82 2.47 0.00	49.79 3.52 0.00	44.04 2.88 0.00	38.28 2.44 0.00	36.19 2.05 0.00	33.60 1.75 0.00	31.42 1.61 0.00	30.49 1.31 0.00
BOWLINE___2 23595	28.94 0.98 0.00	26.69 0.90 0.00	25.01 0.85 0.00	24.70 0.88 0.00	24.80 0.89 0.00	27.92 1.02 0.00	35.60 1.69 0.00	43.39 2.57 0.00	35.94 1.97 0.00	31.61 1.62 0.00	30.95 1.64 0.00	29.82 1.63 0.00	29.56 1.67 0.00	29.31 1.69 0.00	29.74 1.66 0.00	31.87 1.69 0.00	38.82 2.47 0.00	49.79 3.52 0.00	44.04 2.88 0.00	38.28 2.44 0.00	36.19 2.05 0.00	33.60 1.75 0.00	31.42 1.61 0.00	30.49 1.31 0.00
BRADY___115KV_TB2 356060	28.58 0.62 0.00	26.36 0.57 0.00	24.72 0.56 0.00	24.32 0.50 0.00	24.37 0.45 0.00	27.33 0.43 0.00	34.04 0.14 0.00	40.65 -0.16 0.00	34.07 0.10 0.00	30.14 0.15 0.00	29.45 0.15 0.00	28.27 0.08 0.00	27.94 0.06 0.00	27.65 0.03 0.00	28.17 0.08 0.00	30.27 0.09 0.00	35.99 -0.36 0.00	45.30 -0.97 0.00	40.50 -0.66 0.00	35.27 -0.57 0.00	34.04 -0.10 0.00	31.91 0.06 0.00	30.16 0.36 0.00	29.47 0.29 0.00
BRANSCOMB___SOLAR 323811	29.22 1.26 0.00	26.92 1.13 0.00	25.26 1.09 0.00	24.90 1.07 0.00	25.04 1.12 0.00	27.98 1.08 0.00	35.56 1.66 0.00	43.06 2.24 0.00	35.63 1.66 0.00	31.10 1.11 0.00	30.42 1.11 0.00	29.23 1.04 0.00	28.94 1.06 0.00	28.67 1.05 0.00	29.18 1.09 0.00	31.60 1.42 0.00	38.35 2.00 0.00	49.05 2.78 0.00	43.47 2.30 0.00	37.81 1.97 0.00	35.88 1.74 0.00	33.28 1.43 0.00	31.03 1.22 0.00	30.22 1.05 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	30.11 2.15 0.00	27.67 1.88 0.00	26.25 2.03 -0.05	25.73 1.91 0.00	26.13 2.13 -0.08	29.68 2.13 -0.65	40.18 3.19 -3.09	48.37 4.49 -3.06	45.91 3.53 -8.41	37.32 2.97 -4.36	34.47 2.96 -2.20	34.98 2.88 -3.92	32.31 2.93 -1.49	30.66 3.04 0.00	33.06 2.98 -2.00	40.65 3.14 -7.33	50.14 4.40 -9.39	70.06 5.97 -17.81	60.61 5.06 -14.38	50.39 4.48 -10.07	47.19 3.79 -9.26	43.44 3.28 -8.31	34.54 3.04 -1.69	33.46 2.68 -1.60



BRISTLHL_115KV_TB1 79998	27.35 -0.62 0.00	25.25 -0.54 0.00	23.59 -0.58 0.00	23.23 -0.60 0.00	23.32 -0.60 0.00	26.26 -0.65 0.00	33.16 -0.75 -0.01	41.65 -0.90 -1.73	33.18 -1.02 -0.23	29.12 -0.87 0.00	28.43 -0.88 0.00	27.31 -0.87 0.00	26.99 -0.89 0.00	26.74 -0.88 0.00	27.18 -0.90 0.00	29.28 -0.91 -0.01	35.78 -0.58 -0.01	46.83 -0.51 -1.07	41.08 -0.58 -0.49	35.38 -0.47 -0.01	33.53 -0.61 -0.01	31.19 -0.67 -0.01	29.06 -0.75 0.00	28.59 -0.58 0.00
BROOKHAVEN___DRP 24191	29.78 1.82 0.00	27.39 1.60 0.00	26.08 1.86 -0.05	25.56 1.74 0.00	25.97 1.96 -0.09	29.36 1.78 -0.68	40.05 2.95 -3.20	47.99 4.20 -2.97	46.19 3.53 -8.69	37.65 3.00 -4.67	34.66 2.99 -2.36	35.30 2.90 -4.21	32.44 2.96 -1.60	30.33 2.71 0.00	32.68 2.61 -1.99	40.09 2.81 -7.10	49.51 4.07 -9.09	69.39 5.51 -17.61	59.70 4.65 -13.88	49.01 4.16 -9.01	46.70 3.58 -8.97	42.93 3.03 -8.05	34.10 2.65 -1.64	33.21 2.48 -1.56
BROOKLYN_NAVY_YARD 23515	29.05 1.09 0.00	26.77 0.98 0.00	25.09 0.92 0.00	24.78 0.95 0.00	24.88 0.96 0.00	27.98 1.08 0.00	35.83 1.93 0.00	43.75 2.94 0.00	36.28 2.31 0.00	31.94 1.95 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.92 2.03 0.00	29.64 2.02 0.00	30.13 2.05 0.00	32.23 2.05 0.00	39.29 2.94 0.00	50.39 4.12 0.00	44.54 3.38 0.00	38.74 2.90 0.00	36.57 2.42 0.00	33.92 2.07 0.00	31.72 1.91 0.00	30.72 1.55 0.00
BROOKLYN___ARMY_DRP 323595	29.41 1.45 0.00	27.18 1.39 0.00	25.45 1.28 0.00	25.13 1.31 0.00	25.21 1.29 0.00	28.22 1.32 0.00	36.10 2.20 0.00	43.92 3.10 0.00	36.41 2.45 0.00	32.12 2.13 0.00	31.36 2.05 0.00	30.24 2.06 0.00	30.03 2.15 0.00	29.80 2.18 0.00	30.30 2.22 0.00	32.38 2.20 0.00	39.60 3.24 -0.01	50.68 4.40 -0.01	44.80 3.62 -0.01	39.01 3.15 -0.01	36.70 2.56 0.00	34.17 2.32 0.00	32.10 2.30 0.00	31.11 1.93 -0.01
BROOKVLE_69_KV_TB1 55790	29.61 1.65 0.00	27.26 1.47 0.00	25.63 1.45 -0.01	25.25 1.43 0.00	25.50 1.55 -0.02	29.01 1.72 -0.39	38.45 2.61 -1.93	47.22 3.63 -2.78	42.16 2.89 -5.30	34.26 2.49 -1.79	32.69 2.49 -0.89	32.24 2.48 -1.57	31.00 2.51 -0.61	30.11 2.49 0.00	32.50 2.50 -1.91	39.38 2.54 -6.66	48.50 3.49 -8.67	68.66 4.77 -17.62	68.21 3.99 -23.05	53.81 3.44 -14.53	45.54 2.94 -8.46	42.02 2.61 -7.56	33.78 2.44 -1.53	32.71 2.13 -1.41
BROOME_2_LFGE 323671	28.07 0.11 0.00	25.89 0.10 0.00	24.19 0.02 0.00	23.82 0.00 0.00	23.94 0.02 0.00	26.96 0.05 0.00	34.12 0.20 -0.02	45.13 0.29 -4.02	34.44 -0.07 -0.54	30.14 0.15 0.00	29.40 0.09 -0.01	28.21 0.03 0.00	27.86 -0.03 0.00	27.60 -0.03 0.00	28.03 -0.06 0.00	30.17 -0.03 -0.01	36.69 0.33 -0.02	49.10 0.65 -2.18	42.62 0.45 -1.00	36.36 0.50 -0.02	34.46 0.31 -0.02	32.09 0.22 -0.02	29.87 0.06 0.00	29.29 0.12 0.00
BROOME___LFGE 323600	28.07 0.11 0.00	25.89 0.10 0.00	24.19 0.02 0.00	23.82 0.00 0.00	23.94 0.02 0.00	26.96 0.05 0.00	34.12 0.20 -0.02	45.13 0.29 -4.02	34.44 -0.07 -0.54	30.14 0.15 0.00	29.40 0.09 -0.01	28.21 0.03 0.00	27.86 -0.03 0.00	27.60 -0.03 0.00	28.03 -0.06 0.00	30.17 -0.03 -0.01	36.69 0.33 -0.02	49.10 0.65 -2.18	42.62 0.45 -1.00	36.36 0.50 -0.02	34.46 0.31 -0.02	32.09 0.22 -0.02	29.87 0.06 0.00	29.29 0.12 0.00
BROWNFLS_115KV_TB_3_5 80003	27.68 -0.28 0.00	25.53 -0.26 0.00	23.90 -0.27 0.00	23.42 -0.40 0.00	23.46 -0.45 0.00	26.31 -0.59 0.00	32.95 -0.95 0.00	39.55 -1.27 0.00	32.88 -1.09 0.00	28.97 -1.02 0.00	28.31 -1.00 0.00	27.17 -1.01 0.00	26.80 -1.09 0.00	26.55 -1.08 0.00	27.04 -1.04 0.00	29.13 -1.06 0.00	35.04 -1.31 0.00	44.52 -1.76 0.00	39.68 -1.48 0.00	34.51 -1.33 0.00	33.12 -1.02 0.00	30.99 -0.86 0.00	29.18 -0.63 0.00	28.50 -0.67 0.00
BROWNSV1_27_KV_LOAD 356125	29.39 1.43 0.00	27.05 1.26 0.00	25.35 1.18 0.00	25.06 1.24 0.00	25.14 1.22 0.00	28.27 1.37 0.00	36.21 2.31 0.00	44.16 3.35 0.00	36.62 2.65 0.00	32.30 2.31 0.00	31.59 2.29 0.00	30.44 2.25 0.00	30.20 2.31 0.00	29.94 2.32 0.00	30.41 2.33 0.00	32.54 2.35 0.00	39.66 3.31 0.00	50.95 4.67 0.00	45.03 3.87 0.00	39.10 3.26 0.00	36.87 2.73 0.00	34.24 2.39 0.00	32.01 2.21 0.00	31.04 1.87 0.00
BURROWS___LYONSDAL 23803	28.32 0.36 0.00	26.10 0.31 0.00	24.41 0.24 0.00	23.85 0.02 0.00	23.99 0.07 0.00	27.06 0.16 0.00	34.24 0.34 0.00	41.43 0.61 0.00	34.21 0.24 0.00	30.08 0.09 0.00	29.34 0.03 0.00	28.13 -0.06 0.00	27.77 -0.11 0.00	27.54 -0.08 0.00	28.03 -0.06 0.00	30.21 0.03 0.00	36.79 0.44 0.00	47.02 0.74 0.00	41.74 0.58 0.00	36.31 0.47 0.00	34.52 0.38 0.00	32.10 0.25 0.00	29.96 0.15 0.00	29.26 0.09 0.00
CAITHNESS_CC_1 323624	29.78 1.82 0.00	27.39 1.60 0.00	26.06 1.84 -0.05	25.51 1.69 0.00	25.95 1.94 -0.09	29.36 1.78 -0.68	39.91 2.81 -3.20	47.83 4.04 -2.97	46.10 3.43 -8.70	37.54 2.88 -4.67	34.54 2.87 -2.36	35.21 2.82 -4.21	32.36 2.87 -1.60	30.36 2.74 0.00	32.62 2.56 -1.99	40.00 2.72 -7.10	49.36 3.93 -9.09	69.11 5.23 -17.61	59.60 4.57 -13.87	48.96 4.12 -9.00	46.70 3.58 -8.97	42.99 3.09 -8.05	34.04 2.59 -1.64	33.07 2.33 -1.56
CALPINE BETH_PAGE_GT4 24209	29.67 1.71 0.00	27.29 1.50 0.00	25.77 1.57 -0.03	25.32 1.50 0.00	25.67 1.70 -0.06	29.39 1.94 -0.55	39.42 2.85 -2.67	47.64 3.80 -3.03	44.29 3.02 -7.30	36.01 2.76 -3.26	33.70 2.75 -1.64	33.81 2.71 -2.92	31.73 2.73 -1.12	30.22 2.60 0.00	32.70 2.67 -1.95	40.07 2.63 -7.26	49.18 3.45 -9.38	68.49 4.58 -17.63	62.87 3.79 -17.92	52.24 3.33 -13.07	46.11 2.77 -9.20	42.69 2.61 -8.23	34.04 2.56 -1.67	33.07 2.33 -1.56
CALPINE_BETH_PAGE_GT_4 323586	29.64 1.68 0.00	27.29 1.50 0.00	25.77 1.57 -0.03	25.30 1.48 0.00	25.68 1.70 -0.06	29.40 1.94 -0.55	39.45 2.88 -2.67	47.68 3.84 -3.03	44.32 3.06 -7.30	36.01 2.76 -3.26	33.70 2.75 -1.64	33.81 2.71 -2.92	31.73 2.73 -1.12	30.22 2.60 0.00	32.71 2.67 -1.95	40.13 2.69 -7.26	49.29 3.56 -9.38	68.53 4.63 -17.63	62.87 3.78 -17.92	52.28 3.37 -13.07	46.31 2.97 -9.20	42.63 2.55 -8.23	34.07 2.59 -1.67	33.10 2.36 -1.56
CALPINE_BP_GT1 23823	29.64 1.68 0.00	27.29 1.50 0.00	25.77 1.57 -0.03	25.30 1.48 0.00	25.68 1.70 -0.06	29.40 1.94 -0.55	39.45 2.88 -2.67	47.68 3.84 -3.03	44.32 3.06 -7.30	36.01 2.76 -3.26	33.70 2.75 -1.64	33.81 2.71 -2.92	31.73 2.73 -1.12	30.22 2.60 0.00	32.71 2.67 -1.95	40.13 2.69 -7.26	49.29 3.56 -9.38	68.53 4.63 -17.63	62.87 3.78 -17.92	52.28 3.37 -13.07	46.31 2.97 -9.20	42.63 2.55 -8.23	34.07 2.59 -1.67	33.10 2.36 -1.56
CALSPAN___DRP 24200	26.12 -1.85 0.00	24.09 -1.70 0.00	22.43 -1.74 0.00	21.94 -1.88 0.00	22.03 -1.89 0.00	24.78 -2.13 0.00	31.04 -2.85 0.01	30.65 -3.96 6.20	29.44 -3.70 0.83	27.74 -2.25 0.00	26.84 -2.46 0.01	25.68 -2.51 0.00	25.21 -2.68 0.00	24.94 -2.68 0.00	25.33 -2.75 0.00	27.36 -2.81 0.01	33.03 -3.31 0.01	38.99 -4.21 3.07	35.96 -3.79 1.41	33.32 -2.51 0.01	31.16 -2.97 0.01	29.26 -2.58 0.01	27.06 -2.74 0.00	27.02 -2.16 0.00

CALVERTON___SOLAR 323806	29.81 1.84 0.00	27.42 1.63 0.00	26.13 1.91 -0.05	25.59 1.76 0.00	26.02 2.01 -0.09	29.44 1.85 -0.68	40.05 2.95 -3.20	47.99 4.20 -2.97	46.36 3.70 -8.69	37.77 3.12 -4.66	34.77 3.10 -2.36	35.44 3.05 -4.20	32.55 3.07 -1.60	30.38 2.76 0.00	32.65 2.58 -1.98	40.06 2.77 -7.10	49.51 4.07 -9.09	69.25 5.37 -17.61	59.74 4.69 -13.89	49.16 4.30 -9.02	46.87 3.76 -8.97	43.15 3.25 -8.05	34.07 2.62 -1.64	33.15 2.42 -1.56
CANDIGU_WT_PWR 323617	28.24 0.28 0.00	26.05 0.26 0.00	24.27 0.10 0.00	23.87 0.05 0.00	23.94 0.02 0.00	26.96 0.05 0.00	34.17 0.24 -0.03	49.73 0.16 -8.76	34.84 -0.31 -1.18	30.17 0.18 0.00	29.35 0.03 -0.02	28.07 -0.11 0.00	27.60 -0.28 0.00	27.32 -0.30 0.00	27.77 -0.31 0.00	29.94 -0.27 -0.03	36.42 0.04 -0.03	51.29 0.33 -4.69	43.45 0.12 -2.16	36.23 0.36 -0.03	34.28 0.10 -0.03	32.01 0.13 -0.03	29.66 -0.15 0.00	29.14 -0.03 0.00
CARR STREET_E_SYR 24060	27.60 -0.36 0.00	25.43 -0.36 0.00	23.76 -0.41 0.00	23.42 -0.41 0.00	23.51 -0.41 0.00	26.45 -0.46 0.00	33.26 -0.65 -0.01	40.04 -0.78 0.00	33.05 -0.92 0.00	29.33 -0.66 0.00	28.69 -0.62 0.00	27.57 -0.62 0.00	27.21 -0.67 0.00	26.96 -0.66 0.00	27.41 -0.67 0.00	29.43 -0.75 0.00	35.81 -0.54 -0.01	46.60 -0.46 -0.79	40.99 -0.54 -0.36	35.38 -0.47 -0.01	33.60 -0.55 -0.01	31.18 -0.67 -0.01	29.18 -0.63 0.00	28.77 -0.41 0.00
CARTHAGE___PAPER 23857	27.65 -0.31 0.00	25.48 -0.31 0.00	23.81 -0.36 0.00	23.25 -0.57 0.00	23.37 -0.55 0.00	26.37 -0.54 0.00	33.32 -0.58 0.00	40.16 -0.65 0.00	33.15 -0.82 0.00	29.09 -0.90 0.00	28.34 -0.97 0.00	27.20 -0.99 0.00	26.80 -1.09 0.00	26.54 -1.08 0.00	27.07 -1.01 0.00	29.21 -0.97 0.00	35.70 -0.65 0.00	45.67 -0.60 0.00	40.63 -0.54 0.00	35.30 -0.54 0.00	33.66 -0.48 0.00	31.24 -0.61 0.00	29.15 -0.66 0.00	28.47 -0.70 0.00
CASSADAGA_WT_PWR 323784	26.81 -1.15 0.00	24.40 -1.39 0.00	22.62 -1.55 0.00	22.25 -1.57 0.00	22.20 -1.72 0.00	24.99 -1.91 0.00	31.55 -2.34 0.01	31.76 -3.75 5.30	29.63 -3.63 0.71	27.80 -2.19 0.00	26.84 -2.46 0.01	25.62 -2.56 0.00	25.10 -2.79 0.00	24.80 -2.82 0.00	25.22 -2.86 0.00	27.15 -3.02 0.01	32.78 -3.56 0.01	39.64 -4.03 2.61	36.30 -3.66 1.20	33.25 -2.58 0.01	31.37 -2.76 0.01	29.45 -2.39 0.01	27.24 -2.56 0.00	27.25 -1.93 0.00
CE_DUNWOOD___DRP 24194	29.11 1.15 0.00	26.80 1.01 0.00	25.14 0.97 0.00	24.85 1.02 0.00	24.92 1.00 0.00	28.03 1.13 0.00	35.80 1.90 0.00	43.59 2.78 0.00	36.14 2.17 0.00	31.82 1.83 0.00	31.15 1.85 0.00	30.05 1.86 0.00	29.78 1.90 0.00	29.50 1.88 0.00	29.96 1.88 0.00	32.08 1.90 0.00	39.08 2.73 0.00	50.16 3.89 0.00	44.33 3.17 0.00	38.53 2.69 0.00	36.39 2.25 0.00	33.79 1.94 0.00	31.60 1.79 0.00	30.66 1.49 0.00
CE_MILLWOOD___DRP 24193	29.08 1.12 0.00	26.77 0.98 0.00	25.11 0.94 0.00	24.80 0.98 0.00	24.88 0.96 0.00	28.01 1.10 0.00	35.70 1.80 0.00	43.51 2.69 0.00	36.08 2.11 0.00	31.73 1.74 0.00	31.06 1.76 0.00	29.96 1.78 0.00	29.70 1.81 0.00	29.42 1.80 0.00	29.88 1.80 0.00	31.99 1.81 0.00	38.97 2.62 0.00	50.02 3.75 0.00	44.21 3.05 0.00	38.42 2.58 0.00	36.29 2.15 0.00	33.73 1.88 0.00	31.54 1.73 0.00	30.60 1.43 0.00
CE_NYC2_DRP 24202	29.25 1.29 0.00	26.92 1.13 0.00	25.26 1.09 0.00	24.94 1.12 0.00	25.02 1.10 0.00	28.06 1.16 0.00	35.87 1.97 0.00	43.67 2.86 0.00	36.28 2.31 0.00	32.00 2.01 0.00	31.33 2.02 0.00	30.19 2.00 0.00	29.95 2.06 0.00	29.69 2.07 0.00	30.19 2.11 0.00	32.26 2.08 0.00	39.29 2.94 0.00	50.35 4.07 0.00	44.50 3.33 0.00	38.74 2.90 0.00	36.50 2.36 0.00	33.98 2.13 0.00	31.89 2.09 0.00	30.96 1.78 -0.01
CE_NYC_DRP 24195	29.16 1.20 0.00	26.82 1.03 0.00	25.16 0.99 0.00	24.87 1.05 0.00	24.95 1.03 0.00	28.06 1.16 0.00	35.90 2.00 0.00	43.75 2.94 0.00	36.31 2.34 0.00	32.00 2.01 0.00	31.33 2.02 0.00	30.22 2.03 0.00	29.95 2.06 0.00	29.69 2.07 0.00	30.16 2.08 0.00	32.26 2.08 0.00	39.33 2.98 0.00	50.49 4.21 0.00	44.58 3.42 0.00	38.74 2.90 0.00	36.53 2.39 0.00	33.95 2.10 0.00	31.74 1.94 0.00	30.78 1.60 0.00
CHAFFEE___LFGE 323603	26.37 -1.59 0.00	24.24 -1.55 0.00	22.57 -1.60 0.00	22.08 -1.74 0.00	22.20 -1.72 0.00	24.97 -1.94 0.00	31.24 -2.64 0.01	31.40 -3.71 5.70	29.74 -3.47 0.76	27.95 -2.04 0.00	27.07 -2.23 0.01	25.88 -2.31 0.00	25.40 -2.48 0.00	25.14 -2.49 0.00	25.53 -2.56 0.00	27.42 -2.75 0.01	33.07 -3.27 0.01	39.53 -3.93 2.81	36.29 -3.58 1.29	33.25 -2.58 0.01	31.36 -2.76 0.01	29.38 -2.45 0.01	27.21 -2.59 0.00	27.13 -2.04 0.00
CHATEAUG_35_KV_LOAD 355732	28.04 0.08 0.00	25.97 0.18 0.00	24.48 0.31 0.00	24.18 0.36 0.00	24.23 0.31 0.00	27.23 0.32 0.00	33.97 0.07 0.00	40.65 -0.16 0.00	33.97 0.00 0.00	29.63 -0.36 0.00	28.95 -0.35 0.00	27.68 -0.51 0.00	27.16 -0.72 0.00	26.79 -0.83 0.00	27.38 -0.70 0.00	29.31 -0.88 0.00	35.00 -1.34 0.00	43.68 -2.59 0.00	39.39 -1.77 0.00	34.44 -1.40 0.00	33.05 -1.09 0.00	30.80 -1.05 0.00	29.30 -0.51 0.00	28.74 -0.44 0.00
CHATEAUG_WT_PWR 323614	27.90 -0.06 0.00	25.89 0.10 0.00	24.41 0.24 0.00	24.11 0.29 0.00	24.16 0.24 0.00	27.14 0.24 0.00	33.83 -0.07 0.00	40.20 -0.61 0.00	33.83 -0.14 0.00	29.51 -0.48 0.00	28.84 -0.47 0.00	27.57 -0.62 0.00	27.02 -0.86 0.00	26.66 -0.97 0.00	27.24 -0.84 0.00	29.16 -1.03 0.00	34.79 -1.56 0.00	43.36 -2.91 0.00	39.15 -2.02 0.00	34.34 -1.50 0.00	32.81 -1.33 0.00	30.61 -1.24 0.00	29.18 -0.63 0.00	28.65 -0.52 0.00
CHAT_HIGH_FALL_HYD 323578	28.04 0.08 0.00	25.97 0.18 0.00	24.48 0.31 0.00	24.16 0.33 0.00	24.23 0.31 0.00	27.23 0.32 0.00	33.97 0.07 0.00	40.33 -0.49 0.00	33.94 -0.03 0.00	29.63 -0.36 0.00	28.96 -0.35 0.00	27.68 -0.51 0.00	27.16 -0.73 0.00	26.79 -0.83 0.00	27.38 -0.70 0.00	29.34 -0.84 0.00	35.01 -1.34 0.00	43.68 -2.59 0.00	39.39 -1.77 0.00	34.48 -1.36 0.00	33.02 -1.13 0.00	30.80 -1.05 0.00	29.30 -0.51 0.00	28.74 -0.44 0.00
CHAUTAUQUA___LFGE 323629	26.56 -1.40 0.00	24.35 -1.44 0.00	22.65 -1.52 0.00	22.18 -1.64 0.00	22.24 -1.67 0.00	25.05 -1.86 0.00	31.48 -2.41 0.01	31.78 -3.47 5.57	29.90 -3.33 0.74	27.98 -2.01 0.00	27.07 -2.23 0.01	25.88 -2.31 0.00	25.40 -2.48 0.00	25.14 -2.49 0.00	25.53 -2.56 0.00	27.45 -2.72 0.01	33.21 -3.13 0.01	39.92 -3.61 2.74	36.61 -3.29 1.26	33.46 -2.37 0.01	31.57 -2.56 0.01	29.54 -2.29 0.01	27.33 -2.47 0.00	27.25 -1.93 0.00
CHERRYST_13_KV_LD 356241	29.22 1.26 0.00	26.90 1.11 0.00	25.21 1.04 0.00	24.92 1.10 0.00	25.00 1.08 0.00	28.11 1.21 0.00	36.00 2.10 0.00	43.92 3.10 0.00	36.41 2.45 0.00	32.12 2.13 0.00	31.45 2.14 0.00	30.30 2.11 0.00	30.06 2.17 0.00	29.78 2.15 0.00	30.27 2.19 0.00	32.35 2.17 0.00	39.44 3.09 0.00	50.62 4.35 0.00	44.70 3.54 0.00	38.85 3.01 0.00	36.63 2.49 0.00	34.01 2.17 0.00	31.80 2.00 0.00	30.84 1.66 0.00



CORONA__69_KV_TB1 355595	29.59 1.62 0.00	27.21 1.42 0.00	25.62 1.45 0.00	25.23 1.41 0.00	25.50 1.58 0.00	28.95 1.59 -0.46	38.87 2.47 -2.49	48.70 3.55 -4.34	43.68 2.79 -6.92	33.14 2.34 -0.81	32.06 2.34 -0.41	31.22 2.31 -0.72	30.51 2.34 -0.28	30.06 2.43 0.00	32.64 2.39 -2.17	43.12 2.47 -10.47	53.65 3.49 -13.81	71.28 4.77 -20.23	73.04 4.03 -27.85	70.45 3.55 -31.06	50.48 2.97 -13.37	46.24 2.52 -11.88	34.59 2.41 -2.37	33.40 2.07 -2.16
CORTLAND__115KV_TB3 80093	28.30 0.34 0.00	26.10 0.31 0.00	24.36 0.19 0.00	23.99 0.17 0.00	24.11 0.19 0.00	27.20 0.30 0.00	34.43 0.51 -0.02	45.74 0.73 -4.19	34.81 0.27 -0.56	30.32 0.33 0.00	29.58 0.26 -0.01	28.38 0.20 0.00	28.02 0.14 0.00	27.76 0.14 0.00	28.22 0.14 0.00	30.44 0.24 -0.01	37.09 0.73 -0.02	49.73 1.16 -2.30	43.12 0.91 -1.06	36.72 0.86 -0.02	34.77 0.61 -0.02	32.34 0.48 -0.02	30.08 0.27 0.00	29.52 0.35 0.00
COXSACKIE__GT 23611	29.61 1.65 0.00	27.26 1.47 0.00	25.55 1.38 0.00	25.20 1.38 0.00	25.26 1.34 0.00	28.46 1.56 0.00	36.17 2.27 0.00	43.46 2.65 0.00	35.90 1.94 0.00	31.25 1.26 0.00	30.36 1.05 0.00	29.26 1.07 0.00	28.86 0.98 0.00	28.59 0.97 0.00	29.21 1.12 0.00	31.66 1.48 0.00	38.75 2.40 0.00	49.70 3.42 0.00	44.13 2.97 0.00	38.46 2.62 0.00	36.46 2.32 0.00	33.82 1.98 0.00	31.45 1.64 0.00	30.60 1.43 0.00
CPV_VALLEY__CC1 323721	28.63 0.67 0.00	26.41 0.62 0.00	24.75 0.58 0.00	24.44 0.62 0.00	24.54 0.62 0.00	27.63 0.73 0.00	35.12 1.22 0.00	42.77 1.96 0.00	35.43 1.46 0.00	31.13 1.14 0.00	30.48 1.17 0.00	29.37 1.18 0.00	29.14 1.26 0.00	28.87 1.24 0.00	29.29 1.21 0.00	31.42 1.24 0.00	38.20 1.85 0.00	48.96 2.68 0.00	43.30 2.14 0.00	37.67 1.83 0.00	35.64 1.50 0.00	33.15 1.31 0.00	31.09 1.28 0.00	30.19 1.02 0.00
CPV_VALLEY__CC2 323722	28.63 0.67 0.00	26.41 0.62 0.00	24.75 0.58 0.00	24.44 0.62 0.00	24.54 0.62 0.00	27.63 0.73 0.00	35.12 1.22 0.00	42.77 1.96 0.00	35.43 1.46 0.00	31.13 1.14 0.00	30.48 1.17 0.00	29.37 1.18 0.00	29.14 1.26 0.00	28.87 1.24 0.00	29.29 1.21 0.00	31.42 1.24 0.00	38.20 1.85 0.00	48.96 2.68 0.00	43.30 2.14 0.00	37.67 1.83 0.00	35.64 1.50 0.00	33.15 1.31 0.00	31.09 1.28 0.00	30.19 1.02 0.00
CRESCENT__HYD 24018	28.80 0.84 0.00	26.56 0.77 0.00	24.94 0.77 0.00	24.59 0.76 0.00	24.73 0.81 0.00	27.79 0.89 0.00	35.26 1.36 0.00	42.69 1.88 0.00	35.40 1.43 0.00	31.04 1.05 0.00	30.36 1.05 0.00	29.20 1.01 0.00	28.94 1.06 0.00	28.67 1.05 0.00	29.15 1.07 0.00	31.45 1.27 0.00	38.06 1.71 0.00	48.68 2.40 0.00	43.18 2.02 0.00	37.56 1.72 0.00	35.61 1.47 0.00	33.12 1.28 0.00	30.91 1.10 0.00	30.11 0.93 0.00
CRICKET__VALLEY_CC1 323756	28.83 0.87 0.00	26.59 0.80 0.00	24.97 0.80 0.00	24.66 0.83 0.00	24.76 0.84 0.00	27.87 0.97 0.00	35.36 1.46 0.00	43.02 2.20 0.00	35.67 1.70 0.00	31.34 1.35 0.00	30.68 1.38 0.00	29.60 1.41 0.00	29.36 1.48 0.00	29.11 1.49 0.00	29.57 1.49 0.00	31.69 1.51 0.00	38.49 2.14 0.00	49.33 3.05 0.00	43.63 2.47 0.00	37.95 2.11 0.00	35.92 1.77 0.00	33.38 1.53 0.00	31.21 1.40 0.00	30.37 1.20 0.00
CRICKET__VALLEY_CC2 323757	28.83 0.87 0.00	26.59 0.80 0.00	24.97 0.80 0.00	24.66 0.83 0.00	24.76 0.84 0.00	27.87 0.97 0.00	35.36 1.46 0.00	43.02 2.20 0.00	35.67 1.70 0.00	31.34 1.35 0.00	30.68 1.38 0.00	29.60 1.41 0.00	29.36 1.48 0.00	29.11 1.49 0.00	29.57 1.49 0.00	31.69 1.51 0.00	38.49 2.14 0.00	49.33 3.05 0.00	43.63 2.47 0.00	37.95 2.11 0.00	35.92 1.77 0.00	33.38 1.53 0.00	31.21 1.40 0.00	30.37 1.20 0.00
CRICKET__VALLEY_CC3 323758	28.83 0.87 0.00	26.59 0.80 0.00	24.97 0.80 0.00	24.66 0.83 0.00	24.76 0.84 0.00	27.87 0.97 0.00	35.36 1.46 0.00	43.02 2.20 0.00	35.67 1.70 0.00	31.34 1.35 0.00	30.68 1.38 0.00	29.60 1.41 0.00	29.36 1.48 0.00	29.11 1.49 0.00	29.57 1.49 0.00	31.69 1.51 0.00	38.49 2.14 0.00	49.33 3.05 0.00	43.63 2.47 0.00	37.95 2.11 0.00	35.92 1.77 0.00	33.38 1.53 0.00	31.21 1.40 0.00	30.37 1.20 0.00
CRUCIBLE_METL_DRP 24180	28.07 0.11 0.00	25.87 0.08 0.00	24.14 -0.02 0.00	23.78 -0.05 0.00	23.89 -0.02 0.00	26.90 0.00 0.00	34.05 0.14 -0.02	45.64 0.24 -4.58	34.45 -0.14 -0.62	29.93 -0.06 0.00	29.20 -0.12 -0.01	28.02 -0.17 0.00	27.66 -0.22 0.00	27.40 -0.22 0.00	27.86 -0.22 0.00	30.05 -0.15 -0.02	36.29 -0.07 -0.02	48.97 0.14 -2.55	42.34 0.00 -1.18	35.89 0.04 -0.02	34.06 -0.10 -0.02	31.64 -0.22 -0.02	29.48 -0.33 0.00	28.97 -0.20 0.00
DAHOWA__HYDRO 323763	29.33 1.37 0.00	27.03 1.24 0.00	25.33 1.16 0.00	24.97 1.14 0.00	25.11 1.20 0.00	28.03 1.13 0.00	35.63 1.73 0.00	43.14 2.33 0.00	35.70 1.73 0.00	31.10 1.11 0.00	30.42 1.11 0.00	29.23 1.04 0.00	28.92 1.03 0.00	28.67 1.05 0.00	29.21 1.12 0.00	31.66 1.48 0.00	38.38 2.03 0.00	49.15 2.87 0.00	43.55 2.39 0.00	37.85 2.01 0.00	35.92 1.77 0.00	33.31 1.47 0.00	31.03 1.22 0.00	30.22 1.05 0.00
DANC__LFGE 323619	27.40 -0.56 0.00	25.25 -0.54 0.00	23.57 -0.60 0.00	23.13 -0.69 0.00	23.25 -0.67 0.00	26.23 -0.67 0.00	33.19 -0.71 -0.01	41.23 -0.82 -1.24	33.12 -1.02 -0.17	29.00 -0.99 0.00	28.25 -1.05 0.00	27.12 -1.07 0.00	26.71 -1.17 0.00	26.49 -1.13 0.00	26.96 -1.12 0.00	29.10 -1.09 0.00	35.70 -0.65 -0.01	46.49 -0.55 -0.77	40.98 -0.54 -0.36	35.31 -0.54 -0.01	33.60 -0.55 -0.01	31.12 -0.73 -0.01	29.00 -0.80 0.00	28.42 -0.76 0.00
DANSKAMMER__1 23586	29.22 1.26 0.00	26.92 1.13 0.00	25.23 1.06 0.00	24.90 1.07 0.00	24.97 1.05 0.00	28.14 1.24 0.00	35.80 1.90 0.00	43.55 2.73 0.00	36.08 2.11 0.00	31.67 1.68 0.00	30.95 1.64 0.00	29.85 1.66 0.00	29.56 1.67 0.00	29.28 1.66 0.00	29.77 1.68 0.00	31.93 1.75 0.00	38.97 2.62 0.00	49.98 3.70 0.00	44.21 3.05 0.00	38.46 2.62 0.00	36.36 2.22 0.00	33.76 1.91 0.00	31.54 1.73 0.00	30.63 1.46 0.00
DANSKAMMER__2 23589	29.22 1.26 0.00	26.92 1.13 0.00	25.23 1.06 0.00	24.90 1.07 0.00	24.97 1.05 0.00	28.14 1.24 0.00	35.80 1.90 0.00	43.55 2.73 0.00	36.08 2.11 0.00	31.67 1.68 0.00	30.95 1.64 0.00	29.85 1.66 0.00	29.56 1.67 0.00	29.28 1.66 0.00	29.77 1.68 0.00	31.93 1.75 0.00	38.97 2.62 0.00	49.98 3.70 0.00	44.21 3.05 0.00	38.46 2.62 0.00	36.36 2.22 0.00	33.76 1.91 0.00	31.54 1.73 0.00	30.63 1.46 0.00
DANSKAMMER__3 23590	29.22 1.26 0.00	26.92 1.13 0.00	25.23 1.06 0.00	24.90 1.07 0.00	24.97 1.05 0.00	28.14 1.24 0.00	35.80 1.90 0.00	43.55 2.73 0.00	36.08 2.11 0.00	31.67 1.68 0.00	30.95 1.64 0.00	29.85 1.66 0.00	29.56 1.67 0.00	29.28 1.66 0.00	29.77 1.68 0.00	31.93 1.75 0.00	38.97 2.62 0.00	49.98 3.70 0.00	44.21 3.05 0.00	38.46 2.62 0.00	36.36 2.22 0.00	33.76 1.91 0.00	31.54 1.73 0.00	30.63 1.46 0.00

DANSKAMMER___4 23591	29.22 1.26 0.00	26.92 1.13 0.00	25.23 1.06 0.00	24.90 1.07 0.00	24.97 1.05 0.00	28.14 1.24 0.00	35.80 1.90 0.00	43.55 2.73 0.00	36.08 2.11 0.00	31.67 1.68 0.00	30.95 1.64 0.00	29.85 1.66 0.00	29.56 1.67 0.00	29.28 1.66 0.00	29.77 1.68 0.00	31.93 1.75 0.00	38.97 2.62 0.00	49.98 3.70 0.00	44.21 3.05 0.00	38.46 2.62 0.00	36.36 2.22 0.00	33.76 1.91 0.00	31.54 1.73 0.00	30.63 1.46 0.00
DANSKAMMER___DIESEL 23592	29.22 1.26 0.00	26.92 1.13 0.00	25.23 1.06 0.00	24.92 1.10 0.00	24.97 1.05 0.00	28.11 1.21 0.00	35.80 1.90 0.00	43.51 2.69 0.00	36.08 2.11 0.00	31.67 1.68 0.00	30.95 1.64 0.00	29.85 1.66 0.00	29.56 1.67 0.00	29.28 1.66 0.00	29.77 1.68 0.00	31.93 1.75 0.00	38.97 2.62 0.00	49.98 3.70 0.00	44.21 3.05 0.00	38.42 2.58 0.00	36.29 2.15 0.00	33.76 1.91 0.00	31.54 1.73 0.00	30.63 1.46 0.00
DARBY___SOLAR 323810	29.25 1.29 0.00	26.95 1.16 0.00	25.26 1.09 0.00	24.92 1.10 0.00	25.04 1.12 0.00	27.98 1.08 0.00	35.56 1.66 0.00	43.06 2.24 0.00	35.67 1.70 0.00	31.13 1.14 0.00	30.45 1.14 0.00	29.26 1.07 0.00	28.97 1.09 0.00	28.70 1.08 0.00	29.21 1.12 0.00	31.63 1.45 0.00	38.35 2.00 0.00	49.05 2.78 0.00	43.47 2.30 0.00	37.81 1.97 0.00	35.88 1.74 0.00	33.28 1.43 0.00	31.03 1.22 0.00	30.22 1.05 0.00
DASHVILLE___HYD 23610	29.08 1.12 0.00	26.80 1.01 0.00	25.11 0.94 0.00	24.80 0.98 0.00	24.85 0.93 0.00	28.01 1.10 0.00	35.60 1.70 0.00	43.22 2.41 0.00	35.84 1.87 0.00	31.52 1.53 0.00	30.80 1.49 0.00	29.71 1.52 0.00	29.42 1.53 0.00	29.14 1.52 0.00	29.63 1.54 0.00	31.75 1.57 0.00	38.71 2.36 0.00	49.65 3.38 0.00	43.92 2.76 0.00	38.21 2.37 0.00	36.09 1.95 0.00	33.57 1.72 0.00	31.36 1.55 0.00	30.49 1.31 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	30.34 2.38 0.00	27.90 2.11 0.00	26.59 2.37 -0.05	26.04 2.22 0.00	26.45 2.44 -0.09	29.92 2.34 -0.68	40.79 3.70 -3.20	48.89 5.10 -2.97	47.04 4.38 -8.69	38.34 3.69 -4.66	35.30 3.63 -2.36	35.94 3.55 -4.20	33.05 3.57 -1.60	30.80 3.18 0.00	33.16 3.09 -1.98	40.67 3.38 -7.10	50.38 4.94 -9.09	70.50 6.62 -17.61	60.74 5.68 -13.90	49.92 5.05 -9.03	47.55 4.44 -8.97	43.66 3.76 -8.05	34.64 3.19 -1.64	33.83 3.09 -1.56
DELAWARE___LFGE 323621	28.77 0.81 0.00	26.51 0.72 0.00	24.80 0.63 0.00	24.47 0.64 0.00	24.59 0.67 0.00	27.71 0.81 0.00	35.20 1.29 -0.01	44.93 1.80 -2.33	35.54 1.26 -0.31	31.04 1.05 0.00	30.31 1.00 0.00	29.12 0.93 0.00	28.78 0.89 0.00	28.53 0.91 0.00	28.98 0.90 0.00	31.19 1.00 -0.01	37.96 1.60 -0.01	49.80 2.27 -1.25	43.67 1.93 -0.58	37.53 1.68 -0.01	35.55 1.40 -0.01	33.07 1.21 -0.01	30.85 1.04 0.00	30.08 0.90 0.00
DERFIELD_115KV_TB7 355931	28.07 0.11 0.00	25.89 0.10 0.00	24.27 0.10 0.00	23.92 0.10 0.00	24.01 0.10 0.00	27.04 0.13 0.00	34.14 0.24 0.00	41.30 0.49 0.00	34.31 0.34 0.00	30.23 0.24 0.00	29.57 0.26 0.00	28.44 0.25 0.00	28.13 0.25 0.00	27.87 0.25 0.00	28.34 0.25 0.00	30.45 0.27 0.00	36.71 0.36 0.00	46.83 0.56 0.00	41.57 0.41 0.00	36.20 0.36 0.00	34.41 0.27 0.00	32.07 0.22 0.00	29.99 0.18 0.00	29.32 0.15 0.00
DOGLEVILLE___HYD 23807	28.52 0.56 0.00	26.33 0.54 0.00	24.70 0.53 0.00	24.37 0.55 0.00	24.49 0.57 0.00	27.63 0.73 0.00	34.99 1.08 0.00	42.36 1.55 0.00	35.16 1.19 0.00	30.98 0.99 0.00	30.24 0.94 0.00	29.09 0.90 0.00	28.78 0.89 0.00	28.48 0.86 0.00	28.92 0.84 0.00	31.03 0.84 0.00	37.40 1.05 0.00	47.66 1.39 0.00	42.27 1.11 0.00	36.77 0.93 0.00	34.96 0.82 0.00	32.58 0.73 0.00	30.43 0.63 0.00	29.76 0.58 0.00
DUNKIRK___115KV_TB_200 55889	26.45 -1.51 0.00	24.35 -1.44 0.00	22.65 -1.52 0.00	22.18 -1.64 0.00	22.24 -1.67 0.00	25.05 -1.86 0.00	31.48 -2.41 0.01	31.75 -3.47 5.59	29.89 -3.33 0.75	28.01 -1.98 0.00	27.10 -2.20 0.01	25.90 -2.28 0.00	25.43 -2.45 0.00	25.16 -2.46 0.00	25.56 -2.53 0.00	27.63 -2.54 0.01	33.39 -2.94 0.01	39.91 -3.61 2.76	36.60 -3.29 1.27	33.75 -2.08 0.01	31.53 -2.59 0.01	29.61 -2.23 0.01	27.36 -2.44 0.00	27.28 -1.90 0.00
DUNKIRK___1 23563	26.45 -1.51 0.00	24.35 -1.44 0.00	22.65 -1.52 0.00	22.18 -1.64 0.00	22.24 -1.67 0.00	25.05 -1.86 0.00	31.48 -2.41 0.01	31.75 -3.47 5.59	29.89 -3.33 0.75	28.01 -1.98 0.00	27.10 -2.20 0.01	25.90 -2.28 0.00	25.43 -2.45 0.00	25.16 -2.46 0.00	25.56 -2.53 0.00	27.63 -2.54 0.01	33.39 -2.94 0.01	39.91 -3.61 2.76	36.60 -3.29 1.27	33.75 -2.08 0.01	31.53 -2.59 0.01	29.61 -2.23 0.01	27.36 -2.44 0.00	27.28 -1.90 0.00
DUNKIRK___2 23564	26.45 -1.51 0.00	24.35 -1.44 0.00	22.65 -1.52 0.00	22.18 -1.64 0.00	22.24 -1.67 0.00	25.05 -1.86 0.00	31.48 -2.41 0.01	31.75 -3.47 5.59	29.89 -3.33 0.75	28.01 -1.98 0.00	27.10 -2.20 0.01	25.90 -2.28 0.00	25.43 -2.45 0.00	25.16 -2.46 0.00	25.56 -2.53 0.00	27.63 -2.54 0.01	33.39 -2.94 0.01	39.91 -3.61 2.76	36.60 -3.29 1.27	33.75 -2.08 0.01	31.53 -2.59 0.01	29.61 -2.23 0.01	27.36 -2.44 0.00	27.28 -1.90 0.00
DUNKIRK___3 23565	26.42 -1.54 0.00	24.35 -1.44 0.00	22.67 -1.50 0.00	22.20 -1.62 0.00	22.29 -1.63 0.00	25.07 -1.83 0.00	31.45 -2.44 0.01	31.78 -3.51 5.52	29.87 -3.36 0.74	28.04 -1.95 0.00	27.16 -2.14 0.01	25.99 -2.20 0.00	25.51 -2.37 0.00	25.25 -2.38 0.00	25.61 -2.47 0.00	27.69 -2.47 0.01	33.39 -2.94 0.01	39.85 -3.70 2.72	36.54 -3.38 1.25	33.71 -2.11 0.01	31.50 -2.63 0.01	29.64 -2.20 0.01	27.42 -2.38 0.00	27.28 -1.90 0.00
DUNKIRK___4 23566	26.34 -1.62 0.00	24.27 -1.52 0.00	22.57 -1.60 0.00	22.11 -1.72 0.00	22.20 -1.72 0.00	24.97 -1.94 0.00	31.35 -2.54 0.01	31.21 -3.63 5.97	29.71 -3.46 0.80	27.92 -2.07 0.00	27.01 -2.29 0.01	25.85 -2.34 0.00	25.35 -2.54 0.00	25.11 -2.51 0.00	25.47 -2.61 0.00	27.54 -2.63 0.01	33.25 -3.09 0.01	39.48 -3.84 2.95	36.31 -3.50 1.36	33.61 -2.22 0.01	31.40 -2.73 0.01	29.51 -2.32 0.01	27.27 -2.53 0.00	27.19 -1.98 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	29.16 1.20 0.00	26.85 1.06 0.00	25.18 1.02 0.00	24.87 1.05 0.00	24.95 1.03 0.00	28.09 1.18 0.00	35.87 1.97 0.00	43.71 2.90 0.00	36.24 2.28 0.00	31.91 1.92 0.00	31.24 1.93 0.00	30.13 1.94 0.00	29.86 1.98 0.00	29.58 1.96 0.00	30.05 1.97 0.00	32.17 1.99 0.00	39.18 2.84 0.00	50.30 4.03 0.00	44.45 3.29 0.00	38.64 2.80 0.00	36.46 2.32 0.00	33.89 2.04 0.00	31.69 1.88 0.00	30.75 1.58 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	29.02 1.06 0.00	26.72 0.93 0.00	25.04 0.87 0.00	24.75 0.93 0.00	24.80 0.88 0.00	27.95 1.05 0.00	35.56 1.66 0.00	43.26 2.45 0.00	35.84 1.87 0.00	31.49 1.50 0.00	30.80 1.49 0.00	29.71 1.52 0.00	29.42 1.53 0.00	29.14 1.52 0.00	29.63 1.54 0.00	31.75 1.57 0.00	38.71 2.36 0.00	49.65 3.38 0.00	43.92 2.76 0.00	38.17 2.33 0.00	36.05 1.91 0.00	33.54 1.69 0.00	31.39 1.58 0.00	30.49 1.31 0.00



ELM_ST_23_KV_LD_REV_LBMP_A 345012	25.89 -2.07 0.00	23.91 -1.88 0.00	22.26 -1.91 0.00	21.77 -2.05 0.00	21.89 -2.03 0.00	24.59 -2.31 0.00	30.87 -3.02 0.01	30.32 -4.00 6.50	29.36 -3.74 0.87	27.53 -2.46 0.00	26.66 -2.64 0.01	25.51 -2.68 0.00	25.07 -2.82 0.00	24.81 -2.82 0.00	25.19 -2.89 0.00	27.21 -2.96 0.02	32.92 -3.42 0.01	38.75 -4.30 3.22	35.81 -3.87 1.48	33.17 -2.65 0.01	31.05 -3.07 0.01	29.06 -2.77 0.01	26.89 -2.92 0.00	26.84 -2.33 0.00
EMPIRE_CC_1 323656	28.44 0.47 0.00	26.25 0.46 0.00	24.65 0.48 0.00	24.35 0.52 0.00	24.44 0.53 0.00	27.49 0.59 0.00	34.82 0.92 0.00	42.12 1.31 0.00	34.92 0.95 0.00	30.77 0.78 0.00	30.10 0.79 0.00	28.97 0.79 0.00	28.72 0.84 0.00	28.45 0.83 0.00	28.95 0.87 0.00	31.15 0.97 0.00	37.59 1.24 0.00	48.08 1.80 0.00	42.64 1.48 0.00	37.09 1.25 0.00	35.16 1.02 0.00	32.80 0.95 0.00	30.64 0.83 0.00	29.85 0.67 0.00
EMPIRE_CC_2 323658	28.44 0.47 0.00	26.25 0.46 0.00	24.65 0.48 0.00	24.35 0.52 0.00	24.44 0.53 0.00	27.49 0.59 0.00	34.82 0.92 0.00	42.12 1.31 0.00	34.92 0.95 0.00	30.77 0.78 0.00	30.10 0.79 0.00	28.97 0.79 0.00	28.72 0.84 0.00	28.45 0.83 0.00	28.95 0.87 0.00	31.15 0.97 0.00	37.59 1.24 0.00	48.08 1.80 0.00	42.64 1.48 0.00	37.09 1.25 0.00	35.16 1.02 0.00	32.80 0.95 0.00	30.64 0.83 0.00	29.85 0.67 0.00
ENORWICH_115KV_TB1 80156	30.20 2.24 0.00	27.83 2.04 0.00	25.91 1.74 0.00	25.51 1.69 0.00	25.71 1.79 0.00	29.19 2.29 0.00	37.34 3.42 -0.02	50.14 4.37 -4.96	37.46 2.82 -0.67	32.36 2.37 0.00	31.28 1.96 -0.01	29.85 1.66 0.00	29.42 1.53 0.00	29.11 1.49 0.00	29.63 1.54 0.00	32.13 1.93 -0.02	39.79 3.42 -0.02	53.80 4.86 -2.67	46.55 4.16 -1.23	39.52 3.66 -0.02	37.37 3.21 -0.02	34.61 2.74 -0.02	32.07 2.27 0.00	31.36 2.19 0.00
ERIE_ST__34_KV_TB1-2 80199	26.98 -0.98 0.00	24.91 -0.88 0.00	23.18 -0.99 0.00	22.70 -1.12 0.00	22.84 -1.08 0.00	25.69 -1.21 0.00	31.75 -2.14 0.01	31.08 -4.12 5.61	29.52 -3.70 0.75	28.76 -1.23 0.00	27.86 -1.44 0.01	26.64 -1.55 0.00	26.15 -1.73 0.00	25.88 -1.74 0.00	26.26 -1.83 0.00	28.39 -1.78 0.01	33.47 -2.87 0.01	39.30 -4.21 2.77	36.10 -3.79 1.27	34.04 -1.79 0.01	31.33 -2.80 0.01	30.15 -1.69 0.01	28.05 -1.76 0.00	27.86 -1.31 0.00
ERIE_WT_PWR 323693	26.25 -1.71 0.00	24.11 -1.68 0.00	22.45 -1.72 0.00	21.96 -1.86 0.00	22.05 -1.87 0.00	24.80 -2.10 0.00	31.07 -2.81 0.01	30.73 -3.88 6.20	29.54 -3.60 0.83	27.74 -2.25 0.00	26.84 -2.46 0.01	25.68 -2.51 0.00	25.21 -2.68 0.00	24.97 -2.65 0.00	25.33 -2.75 0.00	27.24 -2.93 0.01	32.88 -3.45 0.01	39.04 -4.16 3.07	36.01 -3.75 1.41	33.07 -2.76 0.01	31.23 -2.90 0.01	29.19 -2.64 0.01	27.04 -2.77 0.00	26.99 -2.19 0.00
ESPRGFLD_115KV_TB1 80157	28.91 0.95 0.00	26.67 0.88 0.00	24.92 0.75 0.00	24.56 0.74 0.00	24.71 0.79 0.00	27.98 1.08 0.00	35.67 1.76 0.00	44.45 2.37 -1.26	35.74 1.60 -0.17	31.16 1.17 0.00	30.36 1.06 0.00	29.09 0.90 0.00	28.75 0.86 0.00	28.51 0.88 0.00	29.04 0.95 0.00	31.39 1.21 0.00	38.39 2.04 0.00	49.83 2.87 -0.68	43.95 2.47 -0.31	37.96 2.11 0.00	35.96 1.81 0.00	33.29 1.43 0.00	31.00 1.19 0.00	30.20 1.02 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	28.58 0.62 0.00	26.33 0.54 0.00	24.58 0.41 0.00	24.20 0.38 0.00	24.33 0.41 0.00	27.44 0.54 0.00	34.84 0.92 -0.03	49.37 1.18 -7.37	35.57 0.61 -0.99	30.59 0.60 0.00	29.82 0.50 -0.01	28.58 0.39 0.00	28.22 0.33 0.00	27.93 0.30 0.00	28.42 0.34 0.00	30.69 0.48 -0.03	37.43 1.05 -0.03	51.85 1.62 -3.96	44.30 1.32 -1.82	37.12 1.25 -0.03	35.12 0.96 -0.03	32.64 0.76 -0.03	30.31 0.51 0.00	29.76 0.58 0.00
ETNA_____115KV_TB2 80207	28.58 0.62 0.00	26.33 0.54 0.00	24.58 0.41 0.00	24.20 0.38 0.00	24.33 0.41 0.00	27.44 0.54 0.00	34.84 0.92 -0.03	49.37 1.18 -7.37	35.57 0.61 -0.99	30.59 0.60 0.00	29.82 0.50 -0.01	28.58 0.39 0.00	28.22 0.33 0.00	27.93 0.30 0.00	28.42 0.34 0.00	30.69 0.48 -0.03	37.43 1.05 -0.03	51.85 1.62 -3.96	44.30 1.32 -1.82	37.12 1.25 -0.03	35.12 0.96 -0.03	32.64 0.76 -0.03	30.31 0.51 0.00	29.76 0.58 0.00
EUCLID___115KV_TB2 356179	27.43 -0.53 0.00	25.30 -0.49 0.00	23.64 -0.53 0.00	23.30 -0.52 0.00	23.39 -0.53 0.00	26.34 -0.56 0.00	33.19 -0.71 -0.01	39.87 -0.94 0.00	32.95 -1.02 0.00	29.18 -0.81 0.00	28.49 -0.82 0.00	27.37 -0.82 0.00	27.05 -0.84 0.00	26.79 -0.83 0.00	27.21 -0.87 0.00	29.31 -0.88 0.00	35.74 -0.62 -0.01	46.43 -0.60 -0.76	40.89 -0.62 -0.35	35.31 -0.54 -0.01	33.50 -0.65 -0.01	31.15 -0.70 -0.01	29.06 -0.75 0.00	28.59 -0.58 0.00
E_CANADA_CAP_HY 24051	28.86 0.89 0.00	26.64 0.85 0.00	24.89 0.72 0.00	24.54 0.71 0.00	24.73 0.81 0.00	27.98 1.08 0.00	35.70 1.80 0.00	43.26 2.45 0.00	35.63 1.66 0.00	31.04 1.05 0.00	30.27 0.97 0.00	28.92 0.73 0.00	28.64 0.75 0.00	28.42 0.80 0.00	29.01 0.93 0.00	31.45 1.27 0.00	38.38 2.03 0.00	49.24 2.96 0.00	43.67 2.51 0.00	37.92 2.08 0.00	35.98 1.84 0.00	33.25 1.40 0.00	30.91 1.10 0.00	30.11 0.93 0.00
E_CANADA_MHWK_HY 24050	28.52 0.56 0.00	26.33 0.54 0.00	24.70 0.53 0.00	24.37 0.55 0.00	24.49 0.57 0.00	27.63 0.73 0.00	34.99 1.08 0.00	42.36 1.55 0.00	35.16 1.19 0.00	30.98 0.99 0.00	30.24 0.94 0.00	29.09 0.90 0.00	28.78 0.89 0.00	28.48 0.86 0.00	28.92 0.84 0.00	31.03 0.84 0.00	37.40 1.05 0.00	47.66 1.39 0.00	42.27 1.11 0.00	36.77 0.93 0.00	34.96 0.82 0.00	32.58 0.73 0.00	30.43 0.63 0.00	29.76 0.58 0.00
E_FISHKILL___LBMP 23776	28.97 1.01 0.00	26.69 0.90 0.00	25.04 0.87 0.00	24.73 0.91 0.00	24.80 0.88 0.00	27.93 1.02 0.00	35.56 1.66 0.00	43.26 2.45 0.00	35.87 1.90 0.00	31.55 1.56 0.00	30.89 1.58 0.00	29.79 1.61 0.00	29.53 1.65 0.00	29.25 1.63 0.00	29.71 1.63 0.00	31.84 1.66 0.00	38.75 2.40 0.00	49.70 3.42 0.00	43.96 2.80 0.00	38.21 2.37 0.00	36.09 1.95 0.00	33.57 1.72 0.00	31.39 1.58 0.00	30.49 1.31 0.00
FALCON___SEABRD_CC1 323796	28.30 0.34 0.00	26.23 0.44 0.00	24.75 0.58 0.00	24.42 0.60 0.00	24.49 0.57 0.00	27.52 0.62 0.00	34.14 0.24 0.00	40.37 -0.45 0.00	34.14 0.17 0.00	29.75 -0.24 0.00	29.07 -0.24 0.00	27.76 -0.42 0.00	27.21 -0.67 0.00	26.82 -0.80 0.00	27.41 -0.67 0.00	29.37 -0.81 0.00	35.11 -1.24 0.00	43.41 -2.87 0.00	39.47 -1.69 0.00	34.59 -1.26 0.00	33.08 -1.06 0.00	30.83 -1.02 0.00	29.54 -0.27 0.00	29.00 -0.17 0.00
FALCON___SEABRD_CC2 323797	28.30 0.34 0.00	26.23 0.44 0.00	24.75 0.58 0.00	24.42 0.60 0.00	24.49 0.57 0.00	27.52 0.62 0.00	34.14 0.24 0.00	40.37 -0.45 0.00	34.14 0.17 0.00	29.75 -0.24 0.00	29.07 -0.24 0.00	27.76 -0.42 0.00	27.21 -0.67 0.00	26.82 -0.80 0.00	27.41 -0.67 0.00	29.37 -0.81 0.00	35.11 -1.24 0.00	43.41 -2.87 0.00	39.47 -1.69 0.00	34.59 -1.26 0.00	33.08 -1.06 0.00	30.83 -1.02 0.00	29.54 -0.27 0.00	29.00 -0.17 0.00









GOUDEY___7	28.07 0.11 0.00	25.89 0.10 0.00	24.19 0.02 0.00	23.82 0.00 0.00	23.94 0.02 0.00	26.96 0.05 0.00	34.09 0.17 -0.02	45.12 0.24 -4.06	34.42 -0.10 -0.55	30.14 0.15 0.00	29.40 0.09 -0.01	28.21 0.03 0.00	27.86 -0.03 0.00	27.59 -0.03 0.00	28.03 -0.06 0.00	30.20 0.00 -0.01	36.73 0.36 -0.02	49.07 0.60 -2.20	42.59 0.41 -1.01	36.43 0.57 -0.02	34.40 0.24 -0.02	32.09 0.22 -0.02	29.87 0.06 0.00	29.29 0.12 0.00
GOUDEY___8	28.07 0.11 0.00	25.89 0.10 0.00	24.19 0.02 0.00	23.82 0.00 0.00	23.94 0.02 0.00	26.96 0.05 0.00	34.09 0.17 -0.02	45.12 0.24 -4.06	34.42 -0.10 -0.55	30.14 0.15 0.00	29.40 0.09 -0.01	28.21 0.03 0.00	27.86 -0.03 0.00	27.59 -0.03 0.00	28.03 -0.06 0.00	30.20 0.00 -0.01	36.73 0.36 -0.02	49.07 0.60 -2.20	42.59 0.41 -1.01	36.43 0.57 -0.02	34.40 0.24 -0.02	32.09 0.22 -0.02	29.87 0.06 0.00	29.29 0.12 0.00
GOWANUS_GT1_1	29.41 1.45 0.00	27.16 1.37 0.00	25.45 1.28 0.00	25.13 1.31 0.00	25.21 1.29 0.00	28.22 1.32 0.00	36.10 2.20 0.00	43.92 3.10 0.00	36.41 2.45 0.00	32.12 2.13 0.00	31.36 2.05 0.00	30.24 2.06 0.00	30.03 2.15 0.00	29.80 2.18 0.00	30.30 2.22 0.00	32.38 2.20 0.00	39.60 3.24 -0.01	50.68 4.40 -0.01	44.80 3.62 -0.01	39.01 3.15 -0.01	36.70 2.56 0.00	34.17 2.32 0.00	32.10 2.30 0.00	31.11 1.93 -0.01
GOWANUS_GT1_2	29.41 1.45 0.00	27.16 1.37 0.00	25.45 1.28 0.00	25.13 1.31 0.00	25.21 1.29 0.00	28.22 1.32 0.00	36.10 2.20 0.00	43.92 3.10 0.00	36.41 2.45 0.00	32.12 2.13 0.00	31.36 2.05 0.00	30.24 2.06 0.00	30.03 2.15 0.00	29.80 2.18 0.00	30.30 2.22 0.00	32.38 2.20 0.00	39.60 3.24 -0.01	50.68 4.40 -0.01	44.80 3.62 -0.01	39.01 3.15 -0.01	36.70 2.56 0.00	34.17 2.32 0.00	32.10 2.30 0.00	31.11 1.93 -0.01
GOWANUS_GT1_3	29.41 1.45 0.00	27.16 1.37 0.00	25.45 1.28 0.00	25.13 1.31 0.00	25.21 1.29 0.00	28.22 1.32 0.00	36.10 2.20 0.00	43.92 3.10 0.00	36.41 2.45 0.00	32.12 2.13 0.00	31.36 2.05 0.00	30.24 2.06 0.00	30.03 2.15 0.00	29.80 2.18 0.00	30.30 2.22 0.00	32.38 2.20 0.00	39.60 3.24 -0.01	50.68 4.40 -0.01	44.80 3.62 -0.01	39.01 3.15 -0.01	36.70 2.56 0.00	34.17 2.32 0.00	32.10 2.30 0.00	31.11 1.93 -0.01
GOWANUS_GT1_4	29.41 1.45 0.00	27.16 1.37 0.00	25.45 1.28 0.00	25.13 1.31 0.00	25.21 1.29 0.00	28.22 1.32 0.00	36.10 2.20 0.00	43.92 3.10 0.00	36.41 2.45 0.00	32.12 2.13 0.00	31.36 2.05 0.00	30.24 2.06 0.00	30.03 2.15 0.00	29.80 2.18 0.00	30.30 2.22 0.00	32.38 2.20 0.00	39.60 3.24 -0.01	50.68 4.40 -0.01	44.80 3.62 -0.01	39.01 3.15 -0.01	36.70 2.56 0.00	34.17 2.32 0.00	32.10 2.30 0.00	31.11 1.93 -0.01
GOWANUS_GT1_5	29.41 1.45 0.00	27.16 1.37 0.00	25.45 1.28 0.00	25.13 1.31 0.00	25.21 1.29 0.00	28.22 1.32 0.00	36.10 2.20 0.00	43.92 3.10 0.00	36.41 2.45 0.00	32.12 2.13 0.00	31.36 2.05 0.00	30.24 2.06 0.00	30.03 2.15 0.00	29.80 2.18 0.00	30.30 2.22 0.00	32.38 2.20 0.00	39.60 3.24 -0.01	50.68 4.40 -0.01	44.80 3.62 -0.01	39.01 3.15 -0.01	36.70 2.56 0.00	34.17 2.32 0.00	32.10 2.30 0.00	31.11 1.93 -0.01
GOWANUS_GT1_6	29.41 1.45 0.00	27.16 1.37 0.00	25.45 1.28 0.00	25.13 1.31 0.00	25.21 1.29 0.00	28.22 1.32 0.00	36.10 2.20 0.00	43.92 3.10 0.00	36.41 2.45 0.00	32.12 2.13 0.00														

GOWANUS_GT2_5 24118	29.36 <u>1.40</u> 0.00	27.19 <u>1.39</u> -0.01	25.45 <u>1.28</u> 0.00	25.11 <u>1.29</u> 0.00	25.21 <u>1.29</u> 0.00	28.22 <u>1.32</u> 0.00	36.10 <u>2.20</u> 0.00	43.96 <u>3.14</u> 0.00	36.45 <u>2.48</u> 0.00	32.12 <u>2.13</u> 0.00	31.36 <u>2.05</u> 0.00	30.24 <u>2.06</u> 0.00	30.03 <u>2.15</u> 0.00	29.80 <u>2.18</u> 0.00	30.30 <u>2.22</u> 0.00	32.38 <u>2.20</u> 0.00	39.63 <u>3.27</u> -0.01	50.69 <u>4.40</u> -0.01	44.80 <u>3.62</u> -0.01	39.04 <u>3.19</u> -0.01	36.81 <u>2.66</u> 0.00	34.17 <u>2.32</u> 0.00	32.10 <u>2.30</u> 0.00	31.14 <u>1.95</u> -0.01
GOWANUS_GT2_6 24119	29.36 <u>1.40</u> 0.00	27.19 <u>1.39</u> -0.01	25.45 <u>1.28</u> 0.00	25.11 <u>1.29</u> 0.00	25.21 <u>1.29</u> 0.00	28.22 <u>1.32</u> 0.00	36.10 <u>2.20</u> 0.00	43.96 <u>3.14</u> 0.00	36.45 <u>2.48</u> 0.00	32.12 <u>2.13</u> 0.00	31.36 <u>2.05</u> 0.00	30.24 <u>2.06</u> 0.00	30.03 <u>2.15</u> 0.00	29.80 <u>2.18</u> 0.00	30.30 <u>2.22</u> 0.00	32.38 <u>2.20</u> 0.00	39.63 <u>3.27</u> -0.01	50.69 <u>4.40</u> -0.01	44.80 <u>3.62</u> -0.01	39.04 <u>3.19</u> -0.01	36.81 <u>2.66</u> 0.00	34.17 <u>2.32</u> 0.00	32.10 <u>2.30</u> 0.00	31.14 <u>1.95</u> -0.01
GOWANUS_GT2_7 24120	29.36 <u>1.40</u> 0.00	27.19 <u>1.39</u> -0.01	25.45 <u>1.28</u> 0.00	25.11 <u>1.29</u> 0.00	25.21 <u>1.29</u> 0.00	28.22 <u>1.32</u> 0.00	36.10 <u>2.20</u> 0.00	43.96 <u>3.14</u> 0.00	36.45 <u>2.48</u> 0.00	32.12 <u>2.13</u> 0.00	31.36 <u>2.05</u> 0.00	30.24 <u>2.06</u> 0.00	30.03 <u>2.15</u> 0.00	29.80 <u>2.18</u> 0.00	30.30 <u>2.22</u> 0.00	32.38 <u>2.20</u> 0.00	39.63 <u>3.27</u> -0.01	50.69 <u>4.40</u> -0.01	44.80 <u>3.62</u> -0.01	39.04 <u>3.19</u> -0.01	36.81 <u>2.66</u> 0.00	34.17 <u>2.32</u> 0.00	32.10 <u>2.30</u> 0.00	31.14 <u>1.95</u> -0.01
GOWANUS_GT2_8 24121	29.36 <u>1.40</u> 0.00	27.19 <u>1.39</u> -0.01	25.45 <u>1.28</u> 0.00	25.11 <u>1.29</u> 0.00	25.21 <u>1.29</u> 0.00	28.22 <u>1.32</u> 0.00	36.10 <u>2.20</u> 0.00	43.96 <u>3.14</u> 0.00	36.45 <u>2.48</u> 0.00	32.12 <u>2.13</u> 0.00	31.36 <u>2.05</u> 0.00	30.24 <u>2.06</u> 0.00	30.03 <u>2.15</u> 0.00	29.80 <u>2.18</u> 0.00	30.30 <u>2.22</u> 0.00	32.38 <u>2.20</u> 0.00	39.63 <u>3.27</u> -0.01	50.69 <u>4.40</u> -0.01	44.80 <u>3.62</u> -0.01	39.04 <u>3.19</u> -0.01	36.81 <u>2.66</u> 0.00	34.17 <u>2.32</u> 0.00	32.10 <u>2.30</u> 0.00	31.14 <u>1.95</u> -0.01
GOWANUS_GT3_1 24122	29.36 <u>1.40</u> 0.00	27.16 <u>1.37</u> -0.01	25.45 <u>1.28</u> 0.00	25.11 <u>1.29</u> 0.00	25.21 <u>1.29</u> 0.00	28.22 <u>1.32</u> 0.00	36.10 <u>2.20</u> 0.00	43.96 <u>3.14</u> 0.00	36.45 <u>2.48</u> 0.00	32.12 <u>2.13</u> 0.00	31.36 <u>2.05</u> 0.00	30.24 <u>2.06</u> 0.00	30.03 <u>2.15</u> 0.00	29.80 <u>2.18</u> 0.00	30.30 <u>2.22</u> 0.00	32.38 <u>2.20</u> 0.00	39.63 <u>3.27</u> -0.01	50.69 <u>4.40</u> -0.01	44.80 <u>3.62</u> -0.01	39.04 <u>3.19</u> -0.01	36.81 <u>2.66</u> 0.00	34.17 <u>2.32</u> 0.00	32.10 <u>2.30</u> 0.00	31.14 <u>1.95</u> -0.01
GOWANUS_GT3_2 24123	29.36 <u>1.40</u> 0.00	27.16 <u>1.37</u> -0.01	25.45 <u>1.28</u> 0.00	25.11 <u>1.29</u> 0.00	25.21 <u>1.29</u> 0.00	28.22 <u>1.32</u> 0.00	36.10 <u>2.20</u> 0.00	43.96 <u>3.14</u> 0.00	36.45 <u>2.48</u> 0.00	32.12 <u>2.13</u> 0.00	31.36 <u>2.05</u> 0.00	30.24 <u>2.06</u> 0.00	30.03 <u>2.15</u> 0.00	29.80 <u>2.18</u> 0.00	30.30 <u>2.22</u> 0.00	32.38 <u>2.20</u> 0.00	39.63 <u>3.27</u> -0.01	50.69 <u>4.40</u> -0.01	44.80 <u>3.62</u> -0.01	39.04 <u>3.19</u> -0.01	36.81 <u>2.66</u> 0.00	34.17 <u>2.32</u> 0.00	32.10 <u>2.30</u> 0.00	31.14 <u>1.95</u> -0.01
GOWANUS_GT3_3 24124	29.36 <u></u>																							





HISHELDN_WT_PWR 323625	25.95 -2.01 0.00	23.80 -1.99 0.00	22.14 -2.03 0.00	21.56 -2.26 0.00	21.62 -2.30 0.00	24.29 -2.61 0.00	30.46 -3.42 0.01	29.75 -4.53 6.53	28.92 -4.18 0.87	27.08 -2.91 0.00	26.13 -3.17 0.01	25.00 -3.19 0.00	24.54 -3.35 0.00	24.28 -3.34 0.00	24.66 -3.43 0.00	26.57 -3.59 0.02	32.12 -4.22 0.01	37.99 -5.04 3.24	35.15 -4.53 1.49	32.35 -3.48 0.01	30.61 -3.52 0.01	28.62 -3.22 0.01	26.53 -3.28 0.00	26.49 -2.68 0.00
HOLTSVILLE_IC_1 23690	29.86 1.90 0.00	27.49 1.70 0.00	26.11 1.89 -0.05	25.56 1.74 0.00	26.00 1.98 -0.09	29.47 1.88 -0.68	39.98 2.88 -3.20	47.91 4.12 -2.97	46.03 3.36 -8.70	37.48 2.82 -4.67	34.48 2.81 -2.36	35.16 2.76 -4.21	32.27 2.79 -1.60	30.44 2.82 0.00	32.76 2.70 -1.99	40.12 2.84 -7.10	49.47 4.03 -9.08	69.25 5.37 -17.61	59.65 4.65 -13.84	48.97 4.16 -8.97	46.73 3.62 -8.97	43.05 3.15 -8.05	34.19 2.74 -1.64	33.13 2.39 -1.56
HOLTSVILLE_IC_10 23699	30.00 2.04 0.00	27.59 1.80 0.00	26.23 2.00 -0.05	25.68 1.86 0.00	26.09 2.08 -0.09	29.60 2.02 -0.68	40.16 3.08 -3.17	48.11 4.32 -2.97	46.20 3.60 -8.63	37.62 3.03 -4.60	34.68 3.05 -2.33	35.29 2.96 -4.15	32.47 3.01 -1.58	30.58 2.96 0.00	32.90 2.84 -1.98	40.28 2.99 -7.11	49.70 4.25 -9.10	69.53 5.64 -17.61	60.17 4.94 -14.07	49.43 4.41 -9.18	46.98 3.86 -8.98	43.22 3.31 -8.06	34.31 2.86 -1.64	33.30 2.57 -1.56
HOLTSVILLE_IC_2 23691	29.86 1.90 0.00	27.49 1.70 0.00	26.11 1.89 -0.05	25.56 1.74 0.00	26.00 1.98 -0.09	29.47 1.88 -0.68	39.98 2.88 -3.20	47.91 4.12 -2.97	46.03 3.36 -8.70	37.48 2.82 -4.67	34.48 2.81 -2.36	35.16 2.76 -4.21	32.27 2.79 -1.60	30.44 2.82 0.00	32.76 2.70 -1.99	40.12 2.84 -7.10	49.47 4.03 -9.08	69.25 5.37 -17.61	59.65 4.65 -13.84	48.97 4.16 -8.97	46.73 3.62 -8.97	43.05 3.15 -8.05	34.19 2.74 -1.64	33.13 2.39 -1.56
HOLTSVILLE_IC_3 23692	29.86 1.90 0.00	27.49 1.70 0.00	26.11 1.89 -0.05	25.56 1.74 0.00	26.00 1.98 -0.09	29.47 1.88 -0.68	39.98 2.88 -3.20	47.91 4.12 -2.97	46.03 3.36 -8.70	37.48 2.82 -4.67	34.48 2.81 -2.36	35.16 2.76 -4.21	32.27 2.79 -1.60	30.44 2.82 0.00	32.76 2.70 -1.99	40.12 2.84 -7.10	49.47 4.03 -9.08	69.25 5.37 -17.61	59.65 4.65 -13.84	48.97 4.16 -8.97	46.73 3.62 -8.97	43.05 3.15 -8.05	34.19 2.74 -1.64	33.13 2.39 -1.56
HOLTSVILLE_IC_4 23693	29.86 1.90 0.00	27.49 1.70 0.00	26.11 1.89 -0.05	25.56 1.74 0.00	26.00 1.98 -0.09	29.47 1.88 -0.68	39.98 2.88 -3.20	47.91 4.12 -2.97	46.03 3.36 -8.70	37.48 2.82 -4.67	34.48 2.81 -2.36	35.16 2.76 -4.21	32.27 2.79 -1.60	30.44 2.82 0.00	32.76 2.70 -1.99	40.12 2.84 -7.10	49.47 4.03 -9.08	69.25 5.37 -17.61	59.65 4.65 -13.84	48.97 4.16 -8.97	46.73 3.62 -8.97	43.05 3.15 -8.05	34.19 2.74 -1.64	33.13 2.39 -1.56
HOLTSVILLE_IC_5 23694	29.86 1.90 0.00	27.49 1.70 0.00	26.11 1.89 -0.05	25.56 1.74 0.00	26.00 1.98 -0.09	29.47 1.88 -0.68	39.98 2.88 -3.20	47.91 4.12 -2.97	46.03 3.36 -8.70	37.48 2.82 -4.67	34.48 2.81 -2.36	35.16 2.76 -4.21	32.27 2.79 -1.60	30.44 2.82 0.00	32.76 2.70 -1.99	40.12 2.84 -7.10	49.47 4.03 -9.08	69.25 5.37 -17.61	59.65 4.65 -13.84	48.97 4.16 -8.97	46.73 3.62 -8.97	43.05 3.15 -8.05	34.19 2.74 -1.64	33.13 2.39 -1.56
HOLTSVILLE_IC_6 23695	30.00 2.04 0.00	27.59 1.80 0.00	26.23 2.00 -0.05	25.68 1.86 0.00	26.09 2.08 -0.09	29.60 2.02 -0.68	40.16 3.08 -3.17	48.11 4.32 -2.97	46.20 3.60 -8.63	37.62 3.03 -4.60	34.68 3.05 -2.33	35.29 2.96 -4.15	32.47 3.01 -1.58	30.58 2.96 0.00	32.90 2.84 -1.98	40.28 2.99 -7.11	49.70 4.25 -9.10	69.53 5.64 -17.61	60.17 4.94 -14.07	49.43 4.41 -9.18	46.98 3.86 -8.98	43.22 3.31 -8.06	34.31 2.86 -1.64	33.30 2.57 -1.56
HOLTSVILLE_IC_7 23696	30.00 2.04 0.00	27.59 1.80 0.00	26.23 2.00 -0.05	25.68 1.86 0.00	26.09 2.08 -0.09	29.60 2.02 -0.68	40.16 3.08 -3.17	48.11 4.32 -2.97	46.20 3.60 -8.63	37.62 3.03 -4.60	34.68 3.05 -2.33	35.29 2.96 -4.15	32.47 3.01 -1.58	30.58 2.96 0.00	32.90 2.84 -1.98	40.28 2.99 -7.11	49.70 4.25 -9.10	69.53 5.64 -17.61	60.17 4.94 -14.07	49.43 4.41 -9.18	46.98 3.86 -8.98	43.22 3.31 -8.06	34.31 2.86 -1.64	33.30 2.57 -1.56
HOLTSVILLE_IC_8 23697	30.00 2.04 0.00	27.59 1.80 0.00	26.23 2.00 -0.05	25.68 1.86 0.00	26.09 2.08 -0.09	29.60 2.02 -0.68	40.16 3.08 -3.17	48.11 4.32 -2.97	46.20 3.60 -8.63	37.62 3.03 -4.60	34.68 3.05 -2.33	35.29 2.96 -4.15	32.47 3.01 -1.58	30.58 2.96 0.00	32.90 2.84 -1.98	40.28 2.99 -7.11	49.70 4.25 -9.10	69.53 5.64 -17.61	60.17 4.94 -14.07	49.43 4.41 -9.18	46.98 3.86 -8.98	43.22 3.31 -8.06	34.31 2.86 -1.64	33.30 2.57 -1.56
HOLTSVILLE_IC_9 23698	30.00 2.04 0.00	27.59 1.80 0.00	26.23 2.00 -0.05	25.68 1.86 0.00	26.09 2.08 -0.09	29.60 2.02 -0.68	40.16 3.08 -3.17	48.11 4.32 -2.97	46.20 3.60 -8.63	37.62 3.03 -4.60	34.68 3.05 -2.33	35.29 2.96 -4.15	32.47 3.01 -1.58	30.58 2.96 0.00	32.90 2.84 -1.98	40.28 2.99 -7.11	49.70 4.25 -9.10	69.53 5.64 -17.61	60.17 4.94 -14.07	49.43 4.41 -9.18	46.98 3.86 -8.98	43.22 3.31 -8.06	34.31 2.86 -1.64	33.30 2.57 -1.56
HOMER_HL_115KV_TB2 355744	27.35 -0.62 0.00	25.25 -0.54 0.00	23.52 -0.65 0.00	23.06 -0.76 0.00	23.18 -0.74 0.00	26.10 -0.81 0.00	32.30 -1.59 0.01	32.79 -3.51 4.52	30.14 -3.23 0.60	29.15 -0.84 0.00	28.30 -1.00 0.01	27.06 -1.13 0.00	26.57 -1.31 0.00	26.30 -1.33 0.00	26.62 -1.46 0.00	28.75 -1.42 0.01	33.94 -2.40 0.01	40.51 -3.56 2.20	36.90 -3.25 1.01	34.43 -1.40 0.01	31.74 -2.39 0.01	30.60 -1.24 0.01	28.47 -1.34 0.00	28.18 -0.99 0.00
HOWARD_WT_PWR 323690	28.72 0.76 0.00	26.49 0.70 0.00	24.65 0.48 0.00	24.25 0.43 0.00	24.33 0.41 0.00	27.44 0.54 0.00	34.97 1.02 -0.05	55.12 1.22 -13.09	36.21 0.48 -1.77	30.77 0.78 0.00	29.86 0.53 -0.03	28.50 0.31 0.00	28.00 0.11 0.00	27.71 0.08 0.00	28.17 0.08 0.00	30.44 0.21 -0.05	37.16 0.76 -0.05	54.58 1.34 -6.96	45.32 0.95 -3.21	36.96 1.07 -0.05	34.98 0.79 -0.05	32.57 0.67 -0.05	30.07 0.27 0.00	29.55 0.38 0.00
HQ_GEN_CEDARS 23644	28.38 0.42 0.00	26.18 0.39 0.00	24.56 0.39 0.00	24.18 0.36 0.00	24.23 0.31 0.00	27.17 0.27 0.00	33.77 -0.14 0.00	40.24 -0.57 0.00	33.80 -0.17 0.00	29.96 -0.03 0.00	29.31 0.00 0.00	28.16 -0.03 0.00	27.83 -0.06 0.00	27.54 -0.08 0.00	28.06 -0.03 0.00	30.12 -0.06 0.00	35.66 -0.69 0.00	44.93 -1.34 0.00	40.17 -0.99 0.00	34.98 -0.86 0.00	33.73 -0.41 0.00	31.63 -0.22 0.00	29.96 0.15 0.00	29.29 0.12 0.00
HQ_GEN_CEDARS_PROXY 323590	28.38 0.42 0.00	26.18 0.39 0.00	24.55 0.39 0.00	24.18 0.36 0.00	24.23 0.31 0.00	27.17 0.27 0.00	33.73 -0.17 0.00	40.20 -0.61 0.00	33.77 -0.20 0.00	29.96 -0.03 0.00	29.31 0.00 0.00	28.16 -0.03 0.00	27.83 -0.06 0.00	27.54 -0.08 0.00	28.06 -0.03 0.00	30.44 -0.06 -0.32	35.34 -0.69 0.32	44.93 -1.34 0.00	40.17 -0.99 0.00	35.02 -0.82 0.00	33.66 -0.48 0.00	31.63 -0.22 0.00	29.96 0.15 0.00	29.29 0.12 0.00

HQ_GEN_IMPORT 323601	28.04 0.08 0.00	25.87 0.08 0.00	24.27 0.10 0.00	23.92 0.10 0.00	23.99 0.07 0.00	26.96 0.05 0.00	33.80 -0.10 0.00	40.33 -0.49 0.00	33.80 -0.17 0.00	29.93 -0.06 0.00	29.25 -0.06 0.00	28.10 -0.08 0.00	27.80 -0.08 0.00	27.54 -0.08 0.00	28.00 -0.08 0.00	32.17 -0.09 -2.08	33.80 -0.47 2.08	45.35 -0.93 0.00	40.50 -0.66 0.00	35.30 -0.54 0.00	33.80 -0.34 0.00	31.69 -0.16 0.00	29.78 -0.03 0.00	29.14 -0.03 0.00
HQ_GEN_WHEEL 23651	28.04 0.08 0.00	25.87 0.08 0.00	24.27 0.10 0.00	23.92 0.10 0.00	23.99 0.07 0.00	26.96 0.05 0.00	33.80 -0.10 0.00	40.33 -0.49 0.00	33.80 -0.17 0.00	29.93 -0.06 0.00	29.25 -0.06 0.00	28.10 -0.08 0.00	27.80 -0.08 0.00	27.54 -0.08 0.00	28.00 -0.08 0.00	32.17 -0.09 -2.08	33.80 -0.47 2.08	45.35 -0.93 0.00	40.50 -0.66 0.00	35.30 -0.54 0.00	33.80 -0.34 0.00	31.69 -0.16 0.00	29.78 -0.03 0.00	29.14 -0.03 0.00
HUDSON AVE_GT_3 23810	29.16 1.20 0.00	26.85 1.06 0.00	25.18 1.02 0.00	24.89 1.07 0.00	24.97 1.05 0.00	28.06 1.16 0.00	35.94 2.03 0.00	43.79 2.98 0.00	36.35 2.38 0.00	32.03 2.04 0.00	31.36 2.05 0.00	30.22 2.03 0.00	29.97 2.09 0.00	29.72 2.10 0.00	30.19 2.11 0.00	32.29 2.11 0.00	39.33 2.98 0.00	50.49 4.21 0.00	44.62 3.46 0.00	38.78 2.94 0.00	36.57 2.42 0.00	33.98 2.13 0.00	31.77 1.97 0.00	30.81 1.63 0.00
HUDSON AVE_GT_4 23540	29.16 1.20 0.00	26.85 1.06 0.00	25.18 1.02 0.00	24.89 1.07 0.00	24.97 1.05 0.00	28.06 1.16 0.00	35.94 2.03 0.00	43.79 2.98 0.00	36.35 2.38 0.00	32.03 2.04 0.00	31.36 2.05 0.00	30.22 2.03 0.00	29.97 2.09 0.00	29.72 2.10 0.00	30.19 2.11 0.00	32.29 2.11 0.00	39.33 2.98 0.00	50.49 4.21 0.00	44.62 3.46 0.00	38.78 2.94 0.00	36.57 2.42 0.00	33.98 2.13 0.00	31.77 1.97 0.00	30.81 1.63 0.00
HUDSON AVE_GT_5 23657	29.16 1.20 0.00	26.85 1.06 0.00	25.18 1.02 0.00	24.89 1.07 0.00	24.97 1.05 0.00	28.06 1.16 0.00	35.94 2.03 0.00	43.79 2.98 0.00	36.35 2.38 0.00	32.03 2.04 0.00	31.36 2.05 0.00	30.22 2.03 0.00	29.97 2.09 0.00	29.72 2.10 0.00	30.19 2.11 0.00	32.29 2.11 0.00	39.33 2.98 0.00	50.49 4.21 0.00	44.62 3.46 0.00	38.78 2.94 0.00	36.57 2.42 0.00	33.98 2.13 0.00	31.77 1.97 0.00	30.81 1.63 0.00
HUDSON_AVE_10 24168	29.08 1.12 0.00	26.77 0.98 0.00	25.09 0.92 0.00	24.80 0.98 0.00	24.88 0.96 0.00	27.98 1.08 0.00	35.83 1.93 0.00	43.71 2.90 0.00	36.24 2.28 0.00	31.94 1.95 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.92 2.04 0.00	29.64 2.02 0.00	30.13 2.05 0.00	32.20 2.02 0.00	39.26 2.91 0.00	50.39 4.12 0.00	44.54 3.38 0.00	38.71 2.87 0.00	36.50 2.36 0.00	33.89 2.04 0.00	31.71 1.91 0.00	30.72 1.55 0.00
HUDSON___115KV_TB 4 355613	28.88 0.92 0.00	26.61 0.83 0.00	24.99 0.82 0.00	24.66 0.83 0.00	24.76 0.84 0.00	27.87 0.97 0.00	35.36 1.46 0.00	42.69 1.88 0.00	35.33 1.36 0.00	30.92 0.93 0.00	30.19 0.88 0.00	29.06 0.87 0.00	28.72 0.84 0.00	28.48 0.86 0.00	29.01 0.93 0.00	31.36 1.18 0.00	38.09 1.74 0.00	48.77 2.50 0.00	43.34 2.18 0.00	37.70 1.86 0.00	35.75 1.60 0.00	33.22 1.37 0.00	30.94 1.13 0.00	30.14 0.96 0.00
HUNTER MOUNT___DRP 323613	29.08 1.12 0.00	26.80 1.01 0.00	25.16 0.99 0.00	24.80 0.98 0.00	24.90 0.98 0.00	28.03 1.13 0.00	35.56 1.66 0.00	42.81 2.00 0.00	35.43 1.46 0.00	30.95 0.96 0.00	30.16 0.85 0.00	29.03 0.85 0.00	28.66 0.78 0.00	28.42 0.80 0.00	28.98 0.90 0.00	31.39 1.21 0.00	38.20 1.85 0.00	48.91 2.64 0.00	43.47 2.31 0.00	37.85 2.01 0.00	35.88 1.74 0.00	33.35 1.50 0.00	31.03 1.22 0.00	30.22 1.05 0.00
HUNTINGTON_RES_REC 323705	29.95 1.99 0.00	27.54 1.75 0.00	26.10 1.89 -0.05	25.59 1.76 0.00	26.01 2.01 -0.08	30.43 2.88 -0.65	40.81 3.83 -3.08	48.10 4.28 -3.00	45.97 3.64 -8.37	38.16 3.84 -4.33	35.33 3.84 -2.19	35.83 3.75 -3.90	33.11 3.74 -1.48	30.52 2.90 0.00	33.30 3.23 -1.99	40.23 2.87 -7.18	49.22 3.67 -9.21	68.69 4.72 -17.70	59.93 3.87 -14.90	49.29 3.41 -10.04	46.32 3.11 -9.08	42.44 2.45 -8.14	34.33 2.86 -1.66	33.80 3.06 -1.57
HUNTLEY___63 23557	25.67 -2.29 0.00	23.70 -2.09 0.00	22.09 -2.08 0.00	21.58 -2.24 0.00	21.72 -2.20 0.00	24.40 -2.50 0.00	30.67 -3.22 0.02	29.97 -4.16 6.68	29.20 -3.87 0.89	27.32 -2.67 0.00	26.43 -2.87 0.01	25.28 -2.90 0.00	24.84 -3.04 0.00	24.58 -3.04 0.00	24.97 -3.12 0.00	27.00 -3.17 0.02	32.77 -3.56 0.02	38.51 -4.44 3.32	35.60 -4.03 1.53	32.99 -2.83 0.02	30.92 -3.21 0.02	28.81 -3.03 0.02	26.65 -3.16 0.00	26.61 -2.57 0.00
HUNTLEY___64 23558	25.67 -2.29 0.00	23.70 -2.09 0.00	22.09 -2.08 0.00	21.58 -2.24 0.00	21.72 -2.20 0.00	24.40 -2.50 0.00	30.67 -3.22 0.02	29.97 -4.16 6.68	29.20 -3.87 0.89	27.32 -2.67 0.00	26.43 -2.87 0.01	25.28 -2.90 0.00	24.84 -3.04 0.00	24.58 -3.04 0.00	24.97 -3.12 0.00	27.00 -3.17 0.02	32.77 -3.56 0.02	38.51 -4.44 3.32	35.60 -4.03 1.53	32.99 -2.83 0.02	30.92 -3.21 0.02	28.81 -3.03 0.02	26.65 -3.16 0.00	26.61 -2.57 0.00
HUNTLEY___65 23559	25.67 -2.29 0.00	23.70 -2.09 0.00	22.09 -2.08 0.00	21.58 -2.24 0.00	21.72 -2.20 0.00	24.40 -2.50 0.00	30.67 -3.22 0.02	29.97 -4.16 6.68	29.20 -3.87 0.89	27.32 -2.67 0.00	26.43 -2.87 0.01	25.28 -2.90 0.00	24.84 -3.04 0.00	24.58 -3.04 0.00	24.97 -3.12 0.00	27.00 -3.17 0.02	32.77 -3.56 0.02	38.51 -4.44 3.32	35.60 -4.03 1.53	32.99 -2.83 0.02	30.92 -3.21 0.02	28.81 -3.03 0.02	26.65 -3.16 0.00	26.61 -2.57 0.00
HUNTLEY___66 23560	25.67 -2.29 0.00	23.70 -2.09 0.00	22.09 -2.08 0.00	21.58 -2.24 0.00	21.72 -2.20 0.00	24.40 -2.50 0.00	30.67 -3.22 0.02	29.97 -4.16 6.68	29.20 -3.87 0.89	27.32 -2.67 0.00	26.43 -2.87 0.01	25.28 -2.90 0.00	24.84 -3.04 0.00	24.58 -3.04 0.00	24.97 -3.12 0.00	27.00 -3.17 0.02	32.77 -3.56 0.02	38.51 -4.44 3.32	35.60 -4.03 1.53	32.99 -2.83 0.02	30.92 -3.21 0.02	28.81 -3.03 0.02	26.65 -3.16 0.00	26.61 -2.57 0.00
HUNTLEY___67 23561	25.67 -2.29 0.00	23.73 -2.06 0.00	22.09 -2.08 0.00	21.63 -2.19 0.00	21.72 -2.20 0.00	24.43 -2.48 0.00	30.67 -3.22 0.01	30.04 -4.12 6.65	29.24 -3.84 0.89	27.35 -2.64 0.00	26.48 -2.81 0.01	25.37 -2.82 0.00	24.93 -2.96 0.00	24.67 -2.96 0.00	25.02 -3.06 0.00	27.06 -3.11 0.02	32.77 -3.56 0.01	38.48 -4.49 3.31	35.61 -4.03 1.52	32.99 -2.83 0.01	30.92 -3.21 0.01	28.87 -2.96 0.01	26.71 -3.10 0.00	26.67 -2.51 0.00
HUNTLEY___68 23562	25.67 -2.29 0.00	23.73 -2.06 0.00	22.09 -2.08 0.00	21.63 -2.19 0.00	21.72 -2.20 0.00	24.43 -2.48 0.00	30.67 -3.22 0.01	30.04 -4.12 6.65	29.24 -3.84 0.89	27.35 -2.64 0.00	26.48 -2.81 0.01	25.37 -2.82 0.00	24.93 -2.96 0.00	24.67 -2.96 0.00	25.02 -3.06 0.00	27.06 -3.11 0.02	32.77 -3.56 0.01	38.48 -4.49 3.31	35.61 -4.03 1.52	32.99 -2.83 0.01	30.92 -3.21 0.01	28.87 -2.96 0.01	26.71 -3.10 0.00	26.67 -2.51 0.00



HYLAND___LFGE 323620	28.88 0.92 0.00	26.51 0.72 0.00	24.65 0.48 0.00	24.20 0.38 0.00	24.33 0.41 0.00	27.44 0.54 0.00	35.07 1.15 -0.02	47.38 1.79 -4.78	35.43 0.81 -0.64	30.86 0.87 0.00	29.78 0.47 -0.01	28.44 0.25 0.00	27.91 0.03 0.00	27.65 0.03 0.00	28.17 0.08 0.00	30.44 0.24 -0.02	37.46 1.09 -0.02	51.04 2.13 -2.63	43.98 1.60 -1.21	37.40 1.54 -0.02	35.28 1.13 -0.02	32.66 0.80 -0.02	30.11 0.30 0.00	29.64 0.47 0.00
INDECK___CORINTH 23802	29.41 1.45 0.00	27.10 1.31 0.00	25.38 1.21 0.00	25.01 1.19 0.00	25.19 1.27 0.00	27.60 0.70 0.00	35.12 1.22 0.00	42.57 1.75 0.00	35.26 1.29 0.00	30.68 0.69 0.00	29.98 0.67 0.00	28.78 0.59 0.00	28.47 0.59 0.00	28.23 0.61 0.00	28.76 0.67 0.00	31.21 1.03 0.00	37.84 1.49 0.00	48.45 2.18 0.00	42.93 1.77 0.00	37.28 1.44 0.00	35.41 1.26 0.00	32.77 0.92 0.00	30.52 0.71 0.00	29.73 0.55 0.00
INDECK___ILION 23567	28.32 0.36 0.00	26.12 0.34 0.00	24.51 0.34 0.00	24.16 0.33 0.00	24.28 0.36 0.00	27.36 0.46 0.00	34.58 0.68 0.00	41.87 1.06 0.00	34.75 0.78 0.00	30.62 0.63 0.00	29.92 0.62 0.00	28.75 0.56 0.00	28.44 0.56 0.00	28.18 0.55 0.00	28.64 0.56 0.00	30.76 0.57 0.00	37.11 0.76 0.00	47.34 1.06 0.00	41.99 0.82 0.00	36.56 0.72 0.00	34.72 0.58 0.00	32.36 0.51 0.00	30.25 0.45 0.00	29.55 0.38 0.00
INDECK___OLEAN 23982	27.43 -0.53 0.00	25.25 -0.54 0.00	23.52 -0.65 0.00	23.06 -0.76 0.00	23.18 -0.74 0.00	26.07 -0.83 0.00	32.30 -1.59 0.01	32.83 -3.47 4.52	30.21 -3.16 0.60	29.15 -0.84 0.00	28.30 -1.00 0.01	27.06 -1.13 0.00	26.57 -1.31 0.00	26.30 -1.33 0.00	26.62 -1.46 0.00	28.48 -1.69 0.01	33.65 -2.69 0.01	40.51 -3.56 2.20	36.94 -3.21 1.01	33.90 -1.94 0.01	31.81 -2.32 0.01	30.56 -1.27 0.01	28.44 -1.37 0.00	28.18 -0.99 0.00
INDECK___OSWEGO 23783	27.23 -0.73 0.00	25.09 -0.70 0.00	23.47 -0.70 0.00	23.13 -0.69 0.00	23.22 -0.69 0.00	26.15 -0.75 0.00	32.96 -0.95 -0.01	41.74 -1.14 -2.07	33.09 -1.16 -0.28	28.97 -1.02 0.00	28.28 -1.03 0.00	27.17 -1.01 0.00	26.85 -1.03 0.00	26.60 -1.02 0.00	27.04 -1.04 0.00	29.10 -1.09 -0.01	35.52 -0.83 -0.01	46.68 -0.83 -1.23	40.91 -0.82 -0.57	35.13 -0.72 -0.01	33.37 -0.78 -0.01	31.00 -0.86 -0.01	28.91 -0.89 0.00	28.42 -0.76 0.00
INDECK___YERKES 23781	25.78 -2.18 0.00	23.70 -2.09 0.00	22.07 -2.10 0.00	21.58 -2.24 0.00	21.70 -2.22 0.00	24.40 -2.50 0.00	30.63 -3.25 0.02	30.01 -4.12 6.68	29.24 -3.84 0.89	27.32 -2.67 0.00	26.43 -2.87 0.01	25.28 -2.90 0.00	24.82 -3.07 0.00	24.58 -3.04 0.00	24.94 -3.14 0.00	26.85 -3.32 0.02	32.59 -3.74 0.02	38.51 -4.44 3.32	35.60 -4.03 1.53	32.74 -3.08 0.02	30.92 -3.21 0.02	28.74 -3.09 0.02	26.56 -3.25 0.00	26.58 -2.60 0.00
INDIAN POINT_GT_1 24139	29.05 1.09 0.00	26.74 0.95 0.00	25.09 0.92 0.00	24.78 0.95 0.00	24.85 0.93 0.00	27.98 1.08 0.00	35.66 1.76 0.00	43.47 2.65 0.00	36.04 2.07 0.00	31.70 1.71 0.00	31.04 1.73 0.00	29.93 1.75 0.00	29.64 1.76 0.00	29.39 1.77 0.00	29.85 1.77 0.00	31.96 1.78 0.00	38.93 2.58 0.00	49.98 3.70 0.00	44.17 3.00 0.00	38.39 2.54 0.00	36.26 2.12 0.00	33.70 1.85 0.00	31.51 1.70 0.00	30.57 1.40 0.00
INDIAN POINT_GT_2 23659	29.05 1.09 0.00	26.74 0.95 0.00	25.09 0.92 0.00	24.78 0.95 0.00	24.85 0.93 0.00	27.98 1.08 0.00	35.66 1.76 0.00	43.47 2.65 0.00	36.04 2.07 0.00	31.70 1.71 0.00	31.04 1.73 0.00	29.93 1.75 0.00	29.64 1.76 0.00	29.39 1.77 0.00	29.85 1.77 0.00	31.96 1.78 0.00	38.93 2.58 0.00	49.98 3.70 0.00	44.17 3.00 0.00	38.39 2.54 0.00	36.26 2.12 0.00	33.70 1.85 0.00	31.51 1.70 0.00	30.57 1.40 0.00
INDIAN POINT_GT_3 24019	29.05 1.09 0.00	26.74 0.95 0.00	25.09 0.92 0.00	24.78 0.95 0.00	24.85 0.93 0.00	27.98 1.08 0.00	35.66 1.76 0.00	43.47 2.65 0.00	36.04 2.07 0.00	31.70 1.71 0.00	31.04 1.73 0.00	29.93 1.75 0.00	29.64 1.76 0.00	29.39 1.77 0.00	29.85 1.77 0.00	31.96 1.78 0.00	38.93 2.58 0.00	49.98 3.70 0.00	44.17 3.00 0.00	38.39 2.54 0.00	36.26 2.12 0.00	33.70 1.85 0.00	31.51 1.70 0.00	30.57 1.40 0.00
INDIAN POINT___2 23530	28.97 1.01 0.00	26.72 0.93 0.00	25.06 0.89 0.00	24.75 0.93 0.00	24.83 0.91 0.00	27.95 1.05 0.00	35.66 1.76 0.00	43.46 2.65 0.00	36.01 2.04 0.00	31.67 1.68 0.00	31.01 1.70 0.00	29.91 1.72 0.00	29.64 1.76 0.00	29.36 1.74 0.00	29.82 1.74 0.00	31.96 1.78 0.00	38.89 2.54 0.00	49.93 3.65 0.00	44.13 2.97 0.00	38.39 2.54 0.00	36.29 2.15 0.00	33.66 1.81 0.00	31.48 1.67 0.00	30.55 1.37 0.00
INDIAN POINT___3 23531	29.02 1.06 0.00	26.72 0.93 0.00	25.06 0.89 0.00	24.78 0.95 0.00	24.85 0.93 0.00	27.95 1.05 0.00	35.66 1.76 0.00	43.43 2.61 0.00	36.01 2.04 0.00	31.67 1.68 0.00	31.01 1.70 0.00	29.91 1.72 0.00	29.64 1.76 0.00	29.36 1.74 0.00	29.82 1.74 0.00	31.93 1.75 0.00	38.89 2.54 0.00	49.93 3.66 0.00	44.13 2.96 0.00	38.35 2.51 0.00	36.22 2.08 0.00	33.66 1.82 0.00	31.48 1.67 0.00	30.55 1.37 0.00
INGHAM_C_115KV_TB7 356103	28.52 0.56 0.00	26.33 0.54 0.00	24.70 0.53 0.00	24.37 0.55 0.00	24.49 0.57 0.00	27.63 0.73 0.00	34.99 1.08 0.00	42.36 1.55 0.00	35.16 1.19 0.00	30.98 0.99 0.00	30.24 0.94 0.00	29.09 0.90 0.00	28.78 0.89 0.00	28.48 0.86 0.00	28.93 0.84 0.00	31.03 0.85 0.00	37.40 1.05 0.00	47.66 1.39 0.00	42.27 1.11 0.00	36.77 0.93 0.00	34.93 0.79 0.00	32.58 0.73 0.00	30.43 0.63 0.00	29.76 0.58 0.00
IP CORINTH___1 23988	29.41 1.45 0.00	27.10 1.32 0.00	25.38 1.21 0.00	25.01 1.19 0.00	25.19 1.27 0.00	27.74 0.83 0.00	35.33 1.42 0.00	42.81 2.00 0.00	35.43 1.46 0.00	30.83 0.84 0.00	30.13 0.82 0.00	28.95 0.76 0.00	28.64 0.75 0.00	28.37 0.75 0.00	28.90 0.81 0.00	31.36 1.18 0.00	38.06 1.71 0.00	48.73 2.45 0.00	43.14 1.98 0.00	37.49 1.65 0.00	35.54 1.40 0.00	32.96 1.11 0.00	30.70 0.89 0.00	29.87 0.70 0.00
IP___TICONDEROGA 23804	30.59 2.63 0.00	28.14 2.35 0.00	26.32 2.15 0.00	25.92 2.10 0.00	26.12 2.20 0.00	29.00 2.10 0.00	37.09 3.19 0.00	44.94 4.12 0.00	37.13 3.16 0.00	32.06 2.07 0.00	31.30 1.99 0.00	29.99 1.80 0.00	29.58 1.70 0.00	29.34 1.71 0.00	29.96 1.88 0.00	32.75 2.57 0.00	39.84 3.49 0.00	51.04 4.77 0.00	45.20 4.03 0.00	39.25 3.40 0.00	37.21 3.07 0.00	34.36 2.52 0.00	31.86 2.06 0.00	31.04 1.87 0.00
ISLIP_RES_REC 323679	30.14 2.18 0.00	27.72 1.94 0.00	26.32 2.10 -0.05	25.78 1.95 0.00	26.21 2.20 -0.09	29.73 2.15 -0.67	40.32 3.25 -3.16	48.36 4.57 -2.98	46.34 3.77 -8.60	37.74 3.18 -4.57	34.79 3.17 -2.31	35.41 3.10 -4.12	32.57 3.12 -1.57	30.72 3.09 0.00	33.04 2.98 -1.98	40.46 3.17 -7.11	49.96 4.51 -9.10	69.86 5.97 -17.61	60.54 5.23 -14.15	49.73 4.63 -9.27	47.19 4.06 -8.98	43.42 3.50 -8.06	34.46 3.01 -1.64	33.41 2.68 -1.56

JAMAICA__27_KV_LOAD 355505	29.16 1.20 0.00	26.82 1.03 0.00	25.14 0.97 0.00	24.85 1.02 0.00	24.92 1.00 0.00	28.06 1.16 0.00	36.00 2.10 0.00	43.96 3.14 0.00	36.41 2.45 0.00	32.12 2.13 0.00	31.47 2.17 0.00	30.33 2.14 0.00	30.06 2.17 0.00	29.83 2.21 0.00	30.33 2.25 0.00	32.42 2.23 0.00	39.55 3.20 0.00	50.81 4.53 0.00	44.91 3.75 0.00	38.99 3.15 0.00	36.70 2.56 0.00	34.11 2.26 0.00	31.86 2.06 0.00	30.87 1.69 0.00
JANIS__SOLAR 323808	29.44 1.48 0.00	27.13 1.34 0.00	25.26 1.09 0.00	24.87 1.05 0.00	25.04 1.12 0.00	28.35 1.45 0.00	36.16 2.24 -0.02	49.68 2.86 -6.01	36.48 1.70 -0.81	31.40 1.41 0.00	30.43 1.11 -0.01	29.09 0.90 0.00	28.72 0.84 0.00	28.45 0.83 0.00	28.98 0.90 0.00	31.38 1.18 -0.02	38.63 2.25 -0.02	52.88 3.38 -3.23	45.49 2.84 -1.49	38.37 2.51 -0.02	36.35 2.19 -0.02	33.69 1.81 -0.02	31.21 1.40 0.00	30.57 1.40 0.00
JARVIS____ 23743	28.07 0.11 0.00	25.89 0.10 0.00	24.27 0.10 0.00	23.92 0.10 0.00	24.01 0.10 0.00	27.04 0.14 0.00	34.14 0.24 0.00	41.31 0.49 0.00	34.31 0.34 0.00	30.23 0.24 0.00	29.57 0.26 0.00	28.44 0.25 0.00	28.13 0.25 0.00	27.87 0.25 0.00	28.34 0.25 0.00	30.48 0.30 0.00	36.71 0.36 0.00	46.83 0.56 0.00	41.57 0.41 0.00	36.20 0.36 0.00	34.41 0.27 0.00	32.07 0.22 0.00	29.99 0.18 0.00	29.32 0.15 0.00
JENNISON____1 23625	29.58 1.62 0.00	27.26 1.47 0.00	25.43 1.26 0.00	25.04 1.21 0.00	25.21 1.29 0.00	28.54 1.64 0.00	36.36 2.44 -0.01	47.87 3.14 -3.91	36.54 2.04 -0.53	31.79 1.80 0.00	30.84 1.52 -0.01	29.51 1.32 0.00	29.08 1.20 0.00	28.81 1.19 0.00	29.32 1.24 0.00	31.70 1.51 -0.01	39.02 2.65 -0.01	52.13 3.75 -2.11	45.30 3.17 -0.97	38.72 2.87 -0.01	36.58 2.42 -0.01	33.97 2.10 -0.01	31.54 1.73 0.00	30.84 1.66 0.00
JENNISON____2 23626	29.58 1.62 0.00	27.26 1.47 0.00	25.43 1.26 0.00	25.04 1.21 0.00	25.21 1.29 0.00	28.54 1.64 0.00	36.36 2.44 -0.01	47.87 3.14 -3.91	36.54 2.04 -0.53	31.79 1.80 0.00	30.84 1.52 -0.01	29.51 1.32 0.00	29.08 1.20 0.00	28.81 1.19 0.00	29.32 1.24 0.00	31.70 1.51 -0.01	39.02 2.65 -0.01	52.13 3.75 -2.11	45.30 3.17 -0.97	38.72 2.87 -0.01	36.58 2.42 -0.01	33.97 2.10 -0.01	31.54 1.73 0.00	30.84 1.66 0.00
JERICOHO_RISE_WT_PWR 323719	27.93 -0.03 0.00	25.87 0.08 0.00	24.41 0.24 0.00	24.09 0.26 0.00	24.16 0.24 0.00	27.12 0.21 0.00	33.83 -0.07 0.00	40.16 -0.65 0.00	33.80 -0.17 0.00	29.54 -0.45 0.00	28.87 -0.44 0.00	27.59 -0.59 0.00	27.10 -0.78 0.00	26.74 -0.89 0.00	27.30 -0.79 0.00	29.25 -0.94 0.00	34.86 -1.49 0.00	43.45 -2.82 0.00	39.19 -1.98 0.00	34.34 -1.50 0.00	32.84 -1.30 0.00	30.70 -1.15 0.00	29.21 -0.60 0.00	28.65 -0.52 0.00
KATONAH__115KV_46KV_TB4 355592	29.27 1.31 0.00	26.95 1.16 0.00	25.26 1.09 0.00	24.99 1.17 0.00	25.02 1.10 0.00	28.14 1.24 0.00	35.90 2.00 0.00	43.83 3.02 0.00	36.31 2.34 0.00	31.91 1.92 0.00	31.18 1.88 0.00	30.05 1.86 0.00	29.75 1.87 0.00	29.47 1.85 0.00	29.96 1.88 0.00	32.11 1.93 0.00	39.15 2.80 0.00	50.30 4.03 0.00	44.50 3.33 0.00	38.67 2.83 0.00	36.53 2.39 0.00	33.95 2.10 0.00	31.66 1.85 0.00	30.72 1.55 0.00
KCE_NY_1 323755	29.30 1.34 0.00	27.00 1.21 0.00	25.30 1.14 0.00	24.94 1.12 0.00	25.09 1.17 0.00	28.09 1.18 0.00	35.70 1.80 0.00	43.22 2.41 0.00	35.80 1.83 0.00	31.28 1.29 0.00	30.57 1.26 0.00	29.37 1.18 0.00	29.08 1.20 0.00	28.81 1.19 0.00	29.35 1.26 0.00	31.72 1.54 0.00	38.46 2.11 0.00	49.19 2.92 0.00	43.63 2.47 0.00	37.92 2.08 0.00	36.02 1.88 0.00	33.41 1.56 0.00	31.15 1.34 0.00	30.37 1.20 0.00
KCE_NY_6_ESR 323823	26.25 -1.71 0.00	24.11 -1.68 0.00	22.45 -1.72 0.00	21.96 -1.86 0.00	22.05 -1.87 0.00	24.80 -2.10 0.00	31.07 -2.81 0.01	30.73 -3.88 6.20	29.54 -3.60 0.83	27.74 -2.25 0.00	26.84 -2.46 0.01	25.68 -2.51 0.00	25.21 -2.68 0.00	24.97 -2.65 0.00	25.33 -2.75 0.00	27.24 -2.93 0.01	32.88 -3.45 0.01	39.04 -4.16 3.07	36.01 -3.75 1.41	33.07 -2.76 0.01	31.23 -2.90 0.01	29.19 -2.64 0.01	27.04 -2.77 0.00	26.99 -2.19 0.00
KEDC_PORT_JEFF_GT2 24210	30.00 2.04 0.00	27.59 1.80 0.00	26.20 1.98 -0.05	25.68 1.86 0.00	26.09 2.08 -0.09	29.68 2.10 -0.68	40.23 3.15 -3.17	48.11 4.32 -2.97	46.19 3.60 -8.63	37.71 3.12 -4.60	34.74 3.10 -2.33	35.35 3.02 -4.15	32.53 3.07 -1.58	30.58 2.96 0.00	32.93 2.87 -1.98	40.25 2.96 -7.11	49.66 4.21 -9.09	69.30 5.41 -17.61	59.93 4.69 -14.08	49.32 4.30 -9.18	46.91 3.79 -8.98	43.15 3.25 -8.06	34.31 2.86 -1.64	33.33 2.60 -1.56
KEDC_PORT_JEFF_GT3 24211	30.00 2.04 0.00	27.59 1.80 0.00	26.20 1.98 -0.05	25.68 1.86 0.00	26.09 2.08 -0.09	29.68 2.10 -0.68	40.23 3.15 -3.17	48.11 4.32 -2.97	46.19 3.60 -8.63	37.71 3.12 -4.60	34.74 3.10 -2.33	35.35 3.02 -4.15	32.53 3.07 -1.58	30.58 2.96 0.00	32.93 2.87 -1.98	40.25 2.96 -7.11	49.66 4.21 -9.09	69.30 5.41 -17.61	59.93 4.69 -14.08	49.32 4.30 -9.18	46.91 3.79 -8.98	43.15 3.25 -8.06	34.31 2.86 -1.64	33.33 2.60 -1.56
KEDC_GLWD_GT4 24219	29.44 1.48 0.00	27.13 1.34 0.00	25.53 1.35 -0.01	25.13 1.31 0.00	25.37 1.44 -0.02	28.87 1.59 -0.38	38.20 2.44 -1.86	46.94 3.47 -2.66	41.82 2.75 -5.10	34.04 2.37 -1.69	32.52 2.37 -0.84	32.01 2.34 -1.49	30.83 2.37 -0.57	29.97 2.35 0.00	32.35 2.36 -1.91	38.98 2.42 -6.38	47.89 3.23 -8.31	68.33 4.44 -17.61	69.02 3.66 -24.19	53.21 3.19 -14.18	45.02 2.76 -8.11	41.54 2.45 -7.24	33.57 2.30 -1.46	32.51 1.98 -1.35
KEDC_GLWD_GT5 24220	29.44 1.48 0.00	27.13 1.34 0.00	25.53 1.35 -0.01	25.13 1.31 0.00	25.37 1.44 -0.02	28.87 1.59 -0.38	38.20 2.44 -1.86	46.94 3.47 -2.66	41.82 2.75 -5.10	34.04 2.37 -1.69	32.52 2.37 -0.84	32.01 2.34 -1.49	30.83 2.37 -0.57	29.97 2.35 0.00	32.35 2.36 -1.91	38.98 2.42 -6.38	47.89 3.23 -8.31	68.33 4.44 -17.61	69.02 3.66 -24.19	53.21 3.19 -14.18	45.02 2.76 -8.11	41.54 2.45 -7.24	33.57 2.30 -1.46	32.51 1.98 -1.35
KENSICO____ 23655	29.11 1.15 0.00	26.80 1.01 0.00	25.14 0.97 0.00	24.85 1.02 0.00	24.92 1.00 0.00	28.03 1.13 0.00	35.80 1.90 0.00	43.59 2.78 0.00	36.14 2.17 0.00	31.82 1.83 0.00	31.15 1.85 0.00	30.05 1.86 0.00	29.78 1.90 0.00	29.50 1.88 0.00	29.96 1.88 0.00	32.08 1.90 0.00	39.08 2.73 0.00	50.16 3.89 0.00	44.33 3.17 0.00	38.53 2.69 0.00	36.39 2.25 0.00	33.79 1.94 0.00	31.60 1.79 0.00	30.66 1.49 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.30 1.34 0.00	26.98 1.19 0.00	25.26 1.09 0.00	24.94 1.12 0.00	25.00 1.08 0.00	28.17 1.26 0.00	35.87 1.97 0.00	43.55 2.73 0.00	36.04 2.07 0.00	31.64 1.65 0.00	30.92 1.61 0.00	29.82 1.63 0.00	29.50 1.62 0.00	29.25 1.63 0.00	29.71 1.63 0.00	31.87 1.69 0.00	39.00 2.65 0.00	50.07 3.79 0.00	44.25 3.09 0.00	38.49 2.65 0.00	36.33 2.19 0.00	33.76 1.91 0.00	31.57 1.76 0.00	30.66 1.49 0.00

KIAC_JFK_GT1 23816	29.08 1.12 0.00	26.77 0.98 0.00	25.06 0.89 0.00	24.78 0.95 0.00	24.85 0.93 0.00	28.01 1.10 0.00	35.90 2.00 0.00	43.83 3.02 0.00	36.31 2.34 0.00	32.03 2.04 0.00	31.39 2.08 0.00	30.24 2.06 0.00	30.00 2.12 0.00	29.75 2.13 0.00	30.25 2.16 0.00	32.32 2.14 0.00	39.40 3.05 0.00	50.62 4.35 0.00	44.74 3.58 0.00	38.89 3.05 0.00	36.60 2.46 0.00	33.98 2.13 0.00	31.77 1.97 0.00	30.78 1.60 0.00
KIAC_JFK_GT2 23817	29.08 1.12 0.00	26.77 0.98 0.00	25.06 0.89 0.00	24.78 0.95 0.00	24.85 0.93 0.00	28.01 1.10 0.00	35.90 2.00 0.00	43.83 3.02 0.00	36.31 2.34 0.00	32.03 2.04 0.00	31.39 2.08 0.00	30.24 2.06 0.00	30.00 2.12 0.00	29.75 2.13 0.00	30.25 2.16 0.00	32.32 2.14 0.00	39.40 3.05 0.00	50.62 4.35 0.00	44.74 3.58 0.00	38.89 3.05 0.00	36.60 2.46 0.00	33.98 2.13 0.00	31.77 1.97 0.00	30.78 1.60 0.00
KIAC_JFK____ 323774	29.05 1.09 0.00	26.77 0.98 0.00	25.06 0.89 0.00	24.75 0.93 0.00	24.85 0.93 0.00	28.01 1.10 0.00	35.90 2.00 0.00	43.88 3.06 0.00	36.35 2.38 0.00	32.03 2.04 0.00	31.39 2.08 0.00	30.24 2.06 0.00	30.00 2.12 0.00	29.75 2.13 0.00	30.22 2.13 0.00	32.36 2.17 0.00	39.44 3.09 0.00	50.62 4.35 0.00	44.74 3.58 0.00	38.89 3.04 0.00	36.67 2.53 0.00	34.02 2.17 0.00	31.80 2.00 0.00	30.78 1.60 0.00
KINTIGH____ 23543	25.67 -2.29 0.00	23.73 -2.06 0.00	22.14 -2.03 0.00	21.68 -2.14 0.00	21.79 -2.13 0.00	24.51 -2.39 0.00	30.97 -2.92 0.02	32.95 -3.27 4.60	30.19 -3.16 0.62	27.47 -2.52 0.00	26.63 -2.67 0.01	25.56 -2.62 0.00	25.12 -2.76 0.00	24.89 -2.73 0.00	25.25 -2.84 0.00	27.27 -2.90 0.02	33.35 -2.98 0.02	40.51 -3.52 2.25	36.91 -3.21 1.04	33.31 -2.51 0.02	31.46 -2.66 0.02	29.06 -2.77 0.02	26.89 -2.92 0.00	26.75 -2.42 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	28.44 0.48 0.00	26.33 0.54 0.00	24.85 0.68 0.00	24.51 0.69 0.00	24.56 0.65 0.00	27.66 0.75 0.00	34.44 0.54 0.00	41.30 0.49 0.00	34.48 0.51 0.00	29.99 0.00 0.00	29.28 -0.03 0.00	27.96 -0.23 0.00	27.41 -0.47 0.00	27.01 -0.61 0.00	27.61 -0.48 0.00	29.61 -0.57 0.00	35.51 -0.84 0.00	44.10 -2.17 0.00	39.89 -1.28 0.00	34.91 -0.93 0.00	33.46 -0.68 0.00	31.12 -0.73 0.00	29.66 -0.15 0.00	29.09 -0.09 0.00
LACHUTE____HYDRO 323717	30.59 2.63 0.00	28.14 2.35 0.00	26.32 2.15 0.00	25.92 2.10 0.00	26.12 2.20 0.00	29.00 2.10 0.00	37.09 3.19 0.00	44.98 4.17 0.00	37.13 3.16 0.00	32.06 2.07 0.00	31.30 1.99 0.00	29.99 1.81 0.00	29.58 1.70 0.00	29.34 1.71 0.00	29.97 1.88 0.00	32.75 2.56 0.00	39.84 3.49 0.00	51.09 4.81 0.00	45.20 4.04 0.00	39.21 3.37 0.00	37.25 3.11 0.00	34.33 2.49 0.00	31.86 2.06 0.00	31.04 1.87 0.00
LAWRNCV_115KV_TB1 80681	28.21 0.25 0.00	26.00 0.21 0.00	24.41 0.24 0.00	24.01 0.19 0.00	24.01 0.10 0.00	26.82 -0.08 0.00	33.26 -0.64 0.00	39.71 -1.10 0.00	33.29 -0.68 0.00	29.45 -0.54 0.00	28.87 -0.44 0.00	27.71 -0.48 0.00	27.35 -0.53 0.00	27.07 -0.55 0.00	27.61 -0.48 0.00	29.64 -0.54 0.00	35.11 -1.24 0.00	44.24 -2.04 0.00	39.56 -1.61 0.00	34.41 -1.43 0.00	33.29 -0.85 0.00	31.34 -0.51 0.00	29.72 -0.09 0.00	29.06 -0.12 0.00
LEDERLE____ 23769	29.11 1.15 0.00	26.80 1.01 0.00	25.14 0.97 0.00	24.82 1.00 0.00	24.90 0.98 0.00	28.03 1.13 0.00	35.77 1.86 0.00	43.55 2.73 0.00	36.08 2.11 0.00	31.73 1.74 0.00	31.06 1.76 0.00	29.96 1.78 0.00	29.67 1.78 0.00	29.39 1.77 0.00	29.85 1.77 0.00	31.99 1.81 0.00	38.97 2.62 0.00	50.02 3.75 0.00	44.25 3.09 0.00	38.46 2.62 0.00	36.29 2.15 0.00	33.76 1.91 0.00	31.57 1.76 0.00	30.60 1.43 0.00
LIGHTHSE_115KV_TB6 355974	27.29 -0.67 0.00	25.17 -0.62 0.00	23.52 -0.65 0.00	23.11 -0.71 0.00	23.23 -0.69 0.00	26.18 -0.73 0.00	33.09 -0.81 -0.01	41.21 -0.98 -1.38	33.07 -1.09 -0.19	29.00 -0.99 0.00	28.25 -1.06 0.00	27.14 -1.04 0.00	26.77 -1.12 0.00	26.55 -1.08 0.00	26.99 -1.10 0.00	29.10 -1.09 0.00	35.66 -0.69 -0.01	46.54 -0.60 -0.86	40.94 -0.62 -0.40	35.27 -0.57 -0.01	33.50 -0.65 -0.01	31.09 -0.76 -0.01	28.94 -0.86 0.00	28.42 -0.76 0.00
LINDEN COGEN____ 23786	28.94 0.98 0.00	26.69 0.90 0.00	25.01 0.85 0.00	24.70 0.88 0.00	24.80 0.89 0.00	27.90 1.00 0.00	35.73 1.83 0.00	43.55 2.73 0.00	36.14 2.18 0.00	31.82 1.83 0.00	31.18 1.88 0.00	30.05 1.86 0.00	29.81 1.92 0.00	29.56 1.93 0.00	30.02 1.94 0.00	32.11 1.93 0.00	39.11 2.76 0.00	50.21 3.93 0.00	44.33 3.17 0.00	38.56 2.72 0.00	36.46 2.32 0.00	33.79 1.94 0.00	31.63 1.82 0.00	30.63 1.46 0.00
LINDHRST_69_KV_BK1 356055	30.06 2.10 0.00	27.62 1.83 0.00	26.15 1.93 -0.05	25.66 1.83 0.00	26.03 2.03 -0.08	29.70 2.15 -0.65	40.16 3.19 -3.07	48.24 4.41 -3.02	45.80 3.46 -8.37	37.16 3.00 -4.17	34.44 3.02 -2.11	34.88 2.93 -3.76	32.27 2.96 -1.43	30.61 2.98 0.00	33.03 2.98 -1.97	40.51 3.11 -7.22	49.89 4.25 -9.29	69.59 5.69 -17.62	61.92 4.82 -15.94	51.35 4.23 -11.28	46.87 3.58 -9.14	43.26 3.22 -8.19	34.45 2.98 -1.67	33.40 2.65 -1.57
LIPA_MISC_IPP 23656	29.78 1.82 0.00	27.39 1.60 0.00	26.08 1.86 -0.05	25.56 1.74 0.00	25.97 1.96 -0.09	29.36 1.78 -0.68	40.05 2.95 -3.20	47.99 4.20 -2.97	46.19 3.53 -8.69	37.65 3.00 -4.67	34.66 2.99 -2.36	35.30 2.90 -4.21	32.44 2.96 -1.60	30.33 2.71 0.00	32.68 2.61 -1.99	40.09 2.81 -7.10	49.51 4.07 -9.09	69.39 5.51 -17.61	59.70 4.65 -13.88	49.01 4.16 -9.01	46.70 3.58 -8.97	42.93 3.03 -8.05	34.10 2.65 -1.64	33.21 2.48 -1.56
LISF__SOLAR 323691	29.81 1.84 0.00	27.44 1.65 0.00	26.13 1.91 -0.05	25.59 1.76 0.00	25.99 1.98 -0.09	29.41 1.83 -0.68	40.01 2.92 -3.19	47.95 4.17 -2.97	46.28 3.64 -8.68	37.67 3.03 -4.65	34.68 3.02 -2.35	35.31 2.93 -4.19	32.49 3.01 -1.60	30.38 2.76 0.00	32.65 2.58 -1.98	40.06 2.77 -7.10	49.51 4.07 -9.09	69.30 5.41 -17.61	59.82 4.73 -13.92	49.15 4.26 -9.05	46.84 3.72 -8.97	43.12 3.22 -8.05	34.07 2.62 -1.64	33.13 2.39 -1.56
LITTLE FALLS____HYD 24013	28.52 0.56 0.00	26.33 0.54 0.00	24.70 0.53 0.00	24.37 0.55 0.00	24.49 0.57 0.00	27.63 0.73 0.00	34.99 1.08 0.00	42.36 1.55 0.00	35.16 1.19 0.00	30.98 0.99 0.00	30.24 0.94 0.00	29.09 0.90 0.00	28.78 0.89 0.00	28.48 0.86 0.00	28.93 0.84 0.00	31.03 0.85 0.00	37.40 1.05 0.00	47.66 1.39 0.00	42.27 1.11 0.00	36.77 0.93 0.00	34.93 0.79 0.00	32.58 0.73 0.00	30.43 0.63 0.00	29.76 0.58 0.00
LITTLRIV_115KV_TB1 356100	28.55 0.59 0.00	26.33 0.54 0.00	24.70 0.53 0.00	24.30 0.48 0.00	24.33 0.41 0.00	27.20 0.30 0.00	33.80 -0.10 0.00	40.36 -0.45 0.00	33.83 -0.14 0.00	29.87 -0.12 0.00	29.25 -0.06 0.00	28.05 -0.14 0.00	27.69 -0.20 0.00	27.40 -0.22 0.00	27.94 -0.14 0.00	30.03 -0.15 0.00	35.70 -0.65 0.00	44.98 -1.30 0.00	40.22 -0.95 0.00	34.98 -0.86 0.00	33.83 -0.31 0.00	31.82 -0.03 0.00	30.14 0.33 0.00	29.41 0.23 0.00

LI_NEWBRDGE___DRP 323616	29.36 1.40 0.00	27.00 1.21 0.00	25.44 1.28 0.01	25.04 1.21 0.00	25.32 1.41 0.01	28.38 1.40 -0.07	36.53 2.24 -0.40	47.03 3.27 -2.95	37.62 2.55 -1.10	32.34 2.16 -0.20	31.47 2.20 0.04	30.26 2.14 0.07	30.06 2.20 0.02	29.86 2.24 0.00	32.16 2.19 -1.88	39.48 2.26 -7.04	48.51 3.20 -8.96	68.23 4.35 -17.60	56.72 3.66 -11.90	46.13 3.23 -7.07	45.68 2.66 -8.87	42.09 2.26 -7.98	33.62 2.18 -1.63	32.46 1.84 -1.44
LOCKPORT_115KV_TB60_63_64 80432	25.47 -2.49 0.00	23.55 -2.24 0.00	21.92 -2.25 0.00	21.44 -2.38 0.00	21.55 -2.37 0.00	24.21 -2.69 0.00	30.46 -3.42 0.02	29.71 -4.33 6.78	29.05 -4.01 0.91	27.17 -2.82 0.00	26.28 -3.02 0.01	25.17 -3.02 0.00	24.70 -3.18 0.00	24.45 -3.18 0.00	24.83 -3.26 0.00	26.84 -3.32 0.02	32.63 -3.71 0.02	38.23 -4.67 3.37	35.41 -4.20 1.55	32.81 -3.01 0.02	30.74 -3.38 0.02	28.65 -3.18 0.02	26.47 -3.34 0.00	26.43 -2.74 0.00
LOCKPORT___CC1 323769	25.61 -2.35 0.00	23.55 -2.24 0.00	21.92 -2.25 0.00	21.44 -2.38 0.00	21.55 -2.37 0.00	24.21 -2.69 0.00	30.46 -3.42 0.02	29.72 -4.28 6.81	29.08 -3.97 0.91	27.14 -2.85 0.00	26.25 -3.05 0.01	25.14 -3.04 0.00	24.70 -3.18 0.00	24.45 -3.18 0.00	24.83 -3.26 0.00	26.72 -3.44 0.02	32.44 -3.89 0.02	38.21 -4.67 3.39	35.37 -4.24 1.56	32.56 -3.26 0.02	30.78 -3.34 0.02	28.55 -3.28 0.02	26.41 -3.40 0.00	26.43 -2.74 0.00
LOCKPORT___CC2 323770	25.61 -2.35 0.00	23.55 -2.24 0.00	21.92 -2.25 0.00	21.44 -2.38 0.00	21.55 -2.37 0.00	24.21 -2.69 0.00	30.46 -3.42 0.02	29.72 -4.28 6.81	29.08 -3.97 0.91	27.14 -2.85 0.00	26.25 -3.05 0.01	25.14 -3.04 0.00	24.70 -3.18 0.00	24.45 -3.18 0.00	24.83 -3.26 0.00	26.72 -3.44 0.02	32.44 -3.89 0.02	38.21 -4.67 3.39	35.37 -4.24 1.56	32.56 -3.26 0.02	30.78 -3.34 0.02	28.55 -3.28 0.02	26.41 -3.40 0.00	26.43 -2.74 0.00
LOCKPORT___CC3 323771	25.61 -2.35 0.00	23.55 -2.24 0.00	21.92 -2.25 0.00	21.44 -2.38 0.00	21.55 -2.37 0.00	24.21 -2.69 0.00	30.46 -3.42 0.02	29.72 -4.28 6.81	29.08 -3.97 0.91	27.14 -2.85 0.00	26.25 -3.05 0.01	25.14 -3.04 0.00	24.70 -3.18 0.00	24.45 -3.18 0.00	24.83 -3.26 0.00	26.72 -3.44 0.02	32.44 -3.89 0.02	38.21 -4.67 3.39	35.37 -4.24 1.56	32.56 -3.26 0.02	30.78 -3.34 0.02	28.55 -3.28 0.02	26.41 -3.40 0.00	26.43 -2.74 0.00
LONG_LAKE_PHOENIX 24014	27.35 -0.62 0.00	25.25 -0.54 0.00	23.59 -0.58 0.00	23.23 -0.60 0.00	23.32 -0.60 0.00	26.26 -0.65 0.00	33.16 -0.75 -0.01	41.65 -0.90 -1.73	33.18 -1.02 -0.23	29.12 -0.87 0.00	28.43 -0.88 0.00	27.31 -0.87 0.00	26.99 -0.89 0.00	26.74 -0.88 0.00	27.18 -0.90 0.00	29.28 -0.91 -0.01	35.78 -0.58 -0.01	46.83 -0.51 -1.07	41.08 -0.58 -0.49	35.38 -0.47 -0.01	33.53 -0.61 -0.01	31.19 -0.67 -0.01	29.06 -0.75 0.00	28.59 -0.58 0.00
LOVETT___3 23632	28.97 1.01 0.00	26.69 0.90 0.00	25.04 0.87 0.00	24.73 0.91 0.00	24.80 0.88 0.00	27.93 1.02 0.00	35.60 1.70 0.00	43.38 2.57 0.00	35.94 1.97 0.00	31.61 1.62 0.00	30.98 1.67 0.00	29.85 1.66 0.00	29.58 1.70 0.00	29.31 1.68 0.00	29.77 1.68 0.00	31.87 1.69 0.00	38.82 2.47 0.00	49.84 3.56 0.00	44.04 2.88 0.00	38.28 2.44 0.00	36.16 2.01 0.00	33.60 1.75 0.00	31.45 1.64 0.00	30.52 1.34 0.00
LOVETT___4 23642	28.97 1.01 0.00	26.69 0.90 0.00	25.04 0.87 0.00	24.73 0.91 0.00	24.80 0.88 0.00	27.93 1.02 0.00	35.60 1.70 0.00	43.38 2.57 0.00	35.94 1.97 0.00	31.61 1.62 0.00	30.98 1.67 0.00	29.85 1.66 0.00	29.58 1.70 0.00	29.31 1.68 0.00	29.77 1.68 0.00	31.87 1.69 0.00	38.82 2.47 0.00	49.84 3.56 0.00	44.04 2.88 0.00	38.28 2.44 0.00	36.16 2.01 0.00	33.60 1.75 0.00	31.45 1.64 0.00	30.52 1.34 0.00
LOVETT___5 23593	28.97 1.01 0.00	26.69 0.90 0.00	25.04 0.87 0.00	24.73 0.91 0.00	24.80 0.88 0.00	27.93 1.02 0.00	35.60 1.70 0.00	43.38 2.57 0.00	35.94 1.97 0.00	31.61 1.62 0.00	30.98 1.67 0.00	29.85 1.66 0.00	29.58 1.70 0.00	29.31 1.68 0.00	29.77 1.68 0.00	31.87 1.69 0.00	38.82 2.47 0.00	49.84 3.56 0.00	44.04 2.88 0.00	38.28 2.44 0.00	36.16 2.01 0.00	33.60 1.75 0.00	31.45 1.64 0.00	30.52 1.34 0.00
LOWER RAQUET___HYD 24057	28.13 0.17 0.00	25.95 0.16 0.00	24.36 0.19 0.00	23.94 0.12 0.00	23.94 0.02 0.00	26.69 -0.22 0.00	33.09 -0.81 0.00	39.47 -1.35 0.00	33.12 -0.85 0.00	29.27 -0.72 0.00	28.72 -0.59 0.00	27.54 -0.65 0.00	27.21 -0.67 0.00	26.90 -0.72 0.00	27.44 -0.64 0.00	29.49 -0.69 0.00	34.93 -1.42 0.00	43.96 -2.31 0.00	39.35 -1.81 0.00	34.26 -1.58 0.00	33.08 -1.06 0.00	31.24 -0.61 0.00	29.63 -0.18 0.00	28.97 -0.20 0.00
LOWER___HUDSON 24059	28.80 0.84 0.00	26.56 0.77 0.00	24.94 0.77 0.00	24.59 0.76 0.00	24.73 0.81 0.00	27.79 0.89 0.00	35.26 1.36 0.00	42.69 1.88 0.00	35.40 1.43 0.00	31.04 1.05 0.00	30.36 1.05 0.00	29.20 1.01 0.00	28.94 1.06 0.00	28.67 1.05 0.00	29.15 1.07 0.00	31.45 1.27 0.00	38.06 1.71 0.00	48.68 2.40 0.00	43.18 2.02 0.00	37.56 1.72 0.00	35.61 1.47 0.00	33.12 1.28 0.00	30.91 1.10 0.00	30.11 0.93 0.00
LOWVILLE_115KV_TB2 356335	28.10 0.14 0.00	25.92 0.13 0.00	24.22 0.05 0.00	23.56 -0.26 0.00	23.68 -0.24 0.00	26.71 -0.19 0.00	33.77 -0.14 0.00	40.77 -0.04 0.00	33.66 -0.31 0.00	29.57 -0.42 0.00	28.84 -0.47 0.00	27.62 -0.56 0.00	27.27 -0.61 0.00	27.04 -0.58 0.00	27.55 -0.53 0.00	29.70 -0.48 0.00	36.20 -0.15 0.00	46.28 0.00 0.00	41.12 -0.04 0.00	35.73 -0.11 0.00	34.04 -0.10 0.00	31.66 -0.19 0.00	29.57 -0.24 0.00	28.85 -0.32 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	29.27 1.31 0.00	26.98 1.19 0.00	25.30 1.14 0.00	24.94 1.12 0.00	25.07 1.15 0.00	28.09 1.18 0.00	35.66 1.76 0.00	43.18 2.37 0.00	35.74 1.77 0.00	31.25 1.26 0.00	30.57 1.26 0.00	29.37 1.18 0.00	29.05 1.17 0.00	28.81 1.19 0.00	29.32 1.24 0.00	31.72 1.54 0.00	38.42 2.07 0.00	49.14 2.87 0.00	43.59 2.43 0.00	37.92 2.08 0.00	35.95 1.81 0.00	33.38 1.53 0.00	31.12 1.31 0.00	30.34 1.17 0.00
LUTHERNY_35_KV_BK2 355980	29.30 1.34 0.00	27.00 1.21 0.00	25.30 1.14 0.00	24.94 1.12 0.00	25.09 1.17 0.00	28.09 1.18 0.00	35.66 1.76 0.00	43.18 2.37 0.00	35.77 1.80 0.00	31.28 1.29 0.00	30.57 1.26 0.00	29.37 1.18 0.00	29.08 1.20 0.00	28.81 1.19 0.00	29.35 1.26 0.00	31.72 1.54 0.00	38.46 2.11 0.00	49.19 2.92 0.00	43.63 2.47 0.00	37.92 2.08 0.00	35.99 1.84 0.00	33.41 1.56 0.00	31.15 1.34 0.00	30.37 1.20 0.00
LWR___OSWEGATCHIE_HYD 23850	27.68 -0.28 0.00	25.53 -0.26 0.00	23.90 -0.27 0.00	23.42 -0.40 0.00	23.46 -0.45 0.00	26.31 -0.59 0.00	32.95 -0.95 0.00	39.55 -1.27 0.00	32.88 -1.09 0.00	28.97 -1.02 0.00	28.31 -1.00 0.00	27.17 -1.01 0.00	26.80 -1.09 0.00	26.55 -1.08 0.00	27.04 -1.04 0.00	29.13 -1.06 0.00	35.04 -1.31 0.00	44.52 -1.76 0.00	39.68 -1.48 0.00	34.51 -1.33 0.00	33.12 -1.02 0.00	30.99 -0.86 0.00	29.18 -0.63 0.00	28.50 -0.67 0.00

LYONS_FALL_HYD 23570	28.32 0.36 0.00	26.10 0.31 0.00	24.41 0.24 0.00	23.85 0.02 0.00	23.99 0.07 0.00	27.07 0.16 0.00	34.24 0.34 0.00	41.43 0.61 0.00	34.21 0.24 0.00	30.08 0.09 0.00	29.34 0.03 0.00	28.13 -0.06 0.00	27.77 -0.11 0.00	27.54 -0.08 0.00	28.03 -0.06 0.00	30.21 0.03 0.00	36.79 0.44 0.00	47.01 0.74 0.00	41.74 0.58 0.00	36.27 0.43 0.00	34.55 0.41 0.00	32.10 0.25 0.00	29.96 0.15 0.00	29.26 0.09 0.00
MADISON__COUNTY_LFGE 323628	28.72 0.75 0.00	26.49 0.70 0.00	24.75 0.58 0.00	24.35 0.52 0.00	24.49 0.57 0.00	27.68 0.78 0.00	35.06 1.15 0.00	42.45 1.63 0.00	34.99 1.02 0.00	30.86 0.87 0.00	30.07 0.76 0.00	28.86 0.68 0.00	28.52 0.64 0.00	28.26 0.64 0.00	28.76 0.67 0.00	30.97 0.78 0.00	37.74 1.38 0.00	48.81 1.90 -0.64	43.02 1.56 -0.29	37.21 1.36 0.00	35.31 1.16 0.00	32.81 0.96 0.00	30.55 0.75 0.00	29.90 0.73 0.00
MALONE__115KV_TB1 356076	28.35 0.39 0.00	26.20 0.41 0.00	24.68 0.51 0.00	24.32 0.50 0.00	24.37 0.45 0.00	27.36 0.46 0.00	34.14 0.24 0.00	40.90 0.08 0.00	34.21 0.24 0.00	29.87 -0.12 0.00	29.19 -0.12 0.00	27.90 -0.28 0.00	27.44 -0.45 0.00	27.07 -0.55 0.00	27.66 -0.42 0.00	29.67 -0.51 0.00	35.44 -0.91 0.00	44.29 -1.99 0.00	39.80 -1.36 0.00	34.80 -1.04 0.00	33.46 -0.68 0.00	31.24 -0.61 0.00	29.63 -0.18 0.00	29.03 -0.15 0.00
MAPLEWOD_115KV_TB3 80458	28.60 0.64 0.00	26.36 0.57 0.00	24.77 0.60 0.00	24.44 0.62 0.00	24.54 0.62 0.00	27.60 0.70 0.00	35.02 1.12 0.00	42.41 1.59 0.00	35.16 1.19 0.00	30.86 0.87 0.00	30.19 0.88 0.00	29.06 0.87 0.00	28.78 0.89 0.00	28.51 0.88 0.00	29.01 0.93 0.00	31.27 1.09 0.00	37.84 1.49 0.00	48.40 2.13 0.00	42.93 1.77 0.00	37.31 1.47 0.00	35.37 1.23 0.00	32.93 1.08 0.00	30.73 0.92 0.00	29.93 0.76 0.00
MAPLE_RIDGE_WT_1 323574	27.77 -0.19 0.00	25.66 -0.13 0.00	24.10 -0.07 0.00	23.75 -0.07 0.00	23.80 -0.12 0.00	26.66 -0.24 0.00	33.39 -0.51 0.00	39.95 -0.86 0.00	33.32 -0.65 0.00	29.39 -0.60 0.00	28.72 -0.59 0.00	27.59 -0.59 0.00	27.30 -0.59 0.00	27.01 -0.61 0.00	27.47 -0.62 0.00	29.49 -0.69 0.00	35.33 -1.02 0.00	44.79 -1.48 0.00	39.97 -1.20 0.00	34.80 -1.04 0.00	33.25 -0.89 0.00	31.12 -0.73 0.00	29.24 -0.57 0.00	28.62 -0.56 0.00
MAPLE_RIDGE_WT_2 323611	27.77 -0.19 0.00	25.66 -0.13 0.00	24.10 -0.07 0.00	23.75 -0.07 0.00	23.80 -0.12 0.00	26.66 -0.24 0.00	33.39 -0.51 0.00	39.95 -0.86 0.00	33.32 -0.65 0.00	29.39 -0.60 0.00	28.72 -0.59 0.00	27.59 -0.59 0.00	27.30 -0.59 0.00	27.01 -0.61 0.00	27.47 -0.62 0.00	29.49 -0.69 0.00	35.33 -1.02 0.00	44.79 -1.48 0.00	39.97 -1.20 0.00	34.80 -1.04 0.00	33.25 -0.89 0.00	31.12 -0.73 0.00	29.24 -0.57 0.00	28.62 -0.56 0.00
MARBLE_RIVER_WT_PWR 323696	27.93 -0.03 0.00	25.89 0.10 0.00	24.41 0.24 0.00	24.11 0.29 0.00	24.18 0.26 0.00	27.17 0.27 0.00	33.87 -0.03 0.00	40.20 -0.61 0.00	33.83 -0.14 0.00	29.54 -0.45 0.00	28.87 -0.44 0.00	27.59 -0.59 0.00	27.07 -0.81 0.00	26.71 -0.91 0.00	27.27 -0.82 0.00	29.19 -1.00 0.00	34.86 -1.49 0.00	43.41 -2.87 0.00	39.23 -1.93 0.00	34.34 -1.50 0.00	32.84 -1.30 0.00	30.64 -1.21 0.00	29.21 -0.60 0.00	28.65 -0.52 0.00
MARSHVLE_115KV_TB1 80742	29.00 1.03 0.00	26.74 0.95 0.00	25.01 0.85 0.00	24.66 0.83 0.00	24.85 0.93 0.00	28.11 1.21 0.00	35.90 2.00 0.00	43.47 2.65 0.00	35.77 1.80 0.00	31.16 1.17 0.00	30.39 1.08 0.00	29.03 0.85 0.00	28.75 0.86 0.00	28.53 0.91 0.00	29.12 1.04 0.00	31.63 1.45 0.00	38.60 2.25 0.00	49.51 3.24 0.00	43.88 2.72 0.00	38.13 2.29 0.00	36.16 2.01 0.00	33.41 1.56 0.00	31.06 1.25 0.00	30.22 1.05 0.00
MARSH_HILL_WT_PWR 323713	28.72 0.76 0.00	26.51 0.72 0.00	24.68 0.51 0.00	24.25 0.43 0.00	24.33 0.41 0.00	27.44 0.54 0.00	34.93 0.98 -0.05	54.65 1.18 -12.66	36.15 0.48 -1.71	30.77 0.78 0.00	29.89 0.56 -0.03	28.50 0.31 0.00	28.02 0.14 0.00	27.73 0.11 0.00	28.20 0.11 0.00	30.44 0.21 -0.05	37.20 0.80 -0.05	54.35 1.34 -6.74	45.21 0.95 -3.10	36.96 1.07 -0.05	34.97 0.79 -0.05	32.60 0.70 -0.05	30.11 0.30 0.00	29.58 0.41 0.00
MCINTYRE_115KV_TB2 80467	28.77 0.81 0.00	26.54 0.75 0.00	24.89 0.73 0.00	24.49 0.67 0.00	24.52 0.60 0.00	27.49 0.59 0.00	34.21 0.31 0.00	40.81 0.00 0.00	34.21 0.24 0.00	30.23 0.24 0.00	29.57 0.26 0.00	28.36 0.17 0.00	27.99 0.11 0.00	27.71 0.08 0.00	28.25 0.17 0.00	30.39 0.21 0.00	36.10 -0.25 0.00	45.40 -0.88 0.00	40.59 -0.58 0.00	35.37 -0.47 0.00	34.18 0.03 0.00	32.07 0.22 0.00	30.34 0.54 0.00	29.61 0.44 0.00
MECO____69_KV_BK1 80468	30.56 2.60 0.00	28.16 2.37 0.00	26.30 2.13 0.00	25.90 2.07 0.00	26.17 2.25 0.00	29.67 2.77 0.00	37.97 4.07 0.00	45.92 5.10 0.00	37.60 3.63 0.00	32.45 2.46 0.00	31.62 2.32 0.00	30.02 1.83 0.00	29.81 1.92 0.00	29.69 2.07 0.00	30.41 2.33 0.00	33.29 3.11 0.00	40.71 4.36 0.00	52.24 5.97 0.00	46.27 5.10 0.00	40.18 4.34 0.00	38.14 3.99 0.00	35.10 3.25 0.00	32.58 2.77 0.00	31.68 2.51 0.00
MENANDS__115KV_TB5 355628	28.44 0.48 0.00	26.23 0.44 0.00	24.65 0.48 0.00	24.32 0.50 0.00	24.42 0.50 0.00	27.47 0.56 0.00	34.82 0.92 0.00	42.16 1.35 0.00	34.95 0.99 0.00	30.74 0.75 0.00	30.04 0.73 0.00	28.92 0.73 0.00	28.66 0.78 0.00	28.40 0.77 0.00	28.90 0.81 0.00	31.12 0.94 0.00	37.66 1.31 0.00	48.17 1.90 0.00	42.68 1.52 0.00	37.13 1.29 0.00	35.17 1.02 0.00	32.77 0.92 0.00	30.58 0.77 0.00	29.79 0.61 0.00
MG INDUSTRY__DRP 24185	28.60 0.64 0.00	26.38 0.59 0.00	24.75 0.58 0.00	24.42 0.60 0.00	24.52 0.60 0.00	27.58 0.67 0.00	34.92 1.02 0.00	42.20 1.39 0.00	34.99 1.02 0.00	30.71 0.72 0.00	30.04 0.73 0.00	28.89 0.70 0.00	28.61 0.72 0.00	28.34 0.72 0.00	28.84 0.76 0.00	31.09 0.91 0.00	37.62 1.27 0.00	48.08 1.80 0.00	42.68 1.52 0.00	37.13 1.29 0.00	35.23 1.09 0.00	32.80 0.96 0.00	30.64 0.83 0.00	29.90 0.73 0.00
MID__OSWEGATCHIE_HYD 23849	27.68 -0.28 0.00	25.53 -0.26 0.00	23.90 -0.27 0.00	23.42 -0.40 0.00	23.46 -0.45 0.00	26.31 -0.59 0.00	32.95 -0.95 0.00	39.55 -1.27 0.00	32.88 -1.09 0.00	28.97 -1.02 0.00	28.31 -1.00 0.00	27.17 -1.01 0.00	26.80 -1.09 0.00	26.55 -1.08 0.00	27.04 -1.04 0.00	29.13 -1.06 0.00	35.04 -1.31 0.00	44.52 -1.76 0.00	39.68 -1.48 0.00	34.51 -1.33 0.00	33.12 -1.02 0.00	30.99 -0.86 0.00	29.18 -0.63 0.00	28.50 -0.67 0.00
MID__RAQUETTE_HYD 23851	28.13 0.17 0.00	25.94 0.15 0.00	24.36 0.19 0.00	23.94 0.12 0.00	23.94 0.02 0.00	26.69 -0.22 0.00	33.12 -0.78 0.00	39.55 -1.27 0.00	33.15 -0.82 0.00	29.27 -0.72 0.00	28.72 -0.59 0.00	27.54 -0.65 0.00	27.21 -0.67 0.00	26.90 -0.72 0.00	27.44 -0.65 0.00	29.49 -0.69 0.00	34.93 -1.42 0.00	43.96 -2.31 0.00	39.35 -1.81 0.00	34.23 -1.61 0.00	33.15 -0.99 0.00	31.24 -0.61 0.00	29.63 -0.18 0.00	28.97 -0.20 0.00

MILLIKEN___1 23584	28.60 0.64 0.00	26.38 0.59 0.00	24.60 0.44 0.00	24.23 0.40 0.00	24.35 0.43 0.00	27.47 0.56 0.00	34.91 0.98 -0.03	49.21 1.31 -7.09	35.60 0.68 -0.96	30.65 0.66 0.00	29.88 0.56 -0.01	28.64 0.45 0.00	28.25 0.36 0.00	27.98 0.36 0.00	28.45 0.37 0.00	30.75 0.54 -0.03	37.43 1.05 -0.03	51.71 1.62 -3.82	44.24 1.32 -1.76	37.12 1.25 -0.03	35.12 0.96 -0.03	32.64 0.76 -0.03	30.31 0.51 0.00	29.73 0.55 0.00
MILLIKEN___2 23585	28.60 0.64 0.00	26.38 0.59 0.00	24.60 0.44 0.00	24.23 0.40 0.00	24.35 0.43 0.00	27.47 0.56 0.00	34.91 0.98 -0.03	49.21 1.31 -7.09	35.60 0.68 -0.96	30.65 0.66 0.00	29.88 0.56 -0.01	28.64 0.45 0.00	28.25 0.36 0.00	27.98 0.36 0.00	28.45 0.37 0.00	30.75 0.54 -0.03	37.43 1.05 -0.03	51.71 1.62 -3.82	44.24 1.32 -1.76	37.12 1.25 -0.03	35.12 0.96 -0.03	32.64 0.76 -0.03	30.31 0.51 0.00	29.73 0.55 0.00
MILLIKEN___DIESEL 23629	28.60 0.64 0.00	26.38 0.59 0.00	24.60 0.44 0.00	24.23 0.40 0.00	24.35 0.43 0.00	27.47 0.56 0.00	34.91 0.98 -0.03	49.21 1.31 -7.09	35.60 0.68 -0.96	30.65 0.66 0.00	29.88 0.56 -0.01	28.64 0.45 0.00	28.25 0.36 0.00	27.98 0.36 0.00	28.45 0.37 0.00	30.75 0.54 -0.03	37.43 1.05 -0.03	51.71 1.62 -3.82	44.24 1.32 -1.76	37.12 1.25 -0.03	35.12 0.96 -0.03	32.64 0.76 -0.03	30.31 0.51 0.00	29.73 0.55 0.00
MILLSEAT___LFGE 323607	26.20 -1.76 0.00	24.04 -1.75 0.00	22.38 -1.79 0.00	21.92 -1.91 0.00	22.03 -1.89 0.00	24.78 -2.13 0.00	31.27 -2.61 0.02	30.92 -3.14 6.75	30.04 -3.02 0.91	27.86 -2.13 0.00	26.89 -2.40 0.01	25.76 -2.42 0.00	25.32 -2.56 0.00	25.05 -2.57 0.00	25.44 -2.64 0.00	27.45 -2.72 0.02	33.42 -2.91 0.02	39.63 -3.28 3.36	36.57 -3.05 1.55	33.49 -2.33 0.02	31.63 -2.49 0.02	29.28 -2.55 0.02	27.07 -2.74 0.00	26.99 -2.19 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.08 1.12 0.00	26.77 0.98 0.00	25.11 0.94 0.00	24.80 0.98 0.00	24.88 0.96 0.00	28.01 1.10 0.00	35.70 1.80 0.00	43.51 2.69 0.00	36.08 2.11 0.00	31.73 1.74 0.00	31.06 1.76 0.00	29.96 1.78 0.00	29.70 1.81 0.00	29.42 1.80 0.00	29.88 1.80 0.00	31.99 1.81 0.00	38.97 2.62 0.00	50.02 3.75 0.00	44.21 3.05 0.00	38.42 2.58 0.00	36.29 2.15 0.00	33.73 1.88 0.00	31.54 1.73 0.00	30.60 1.43 0.00
MILLWOOD_13_KV_LOAD 356217	29.14 1.17 0.00	26.82 1.03 0.00	25.16 0.99 0.00	24.87 1.05 0.00	24.92 1.00 0.00	28.06 1.16 0.00	35.77 1.86 0.00	43.63 2.82 0.00	36.18 2.21 0.00	31.82 1.83 0.00	31.12 1.82 0.00	29.99 1.80 0.00	29.72 1.84 0.00	29.45 1.82 0.00	29.91 1.83 0.00	32.05 1.87 0.00	39.04 2.69 0.00	50.16 3.89 0.00	44.33 3.17 0.00	38.53 2.69 0.00	36.39 2.25 0.00	33.82 1.97 0.00	31.60 1.79 0.00	30.66 1.49 0.00
MODEL_CITY_ENERGY 24167	25.30 -2.66 0.00	23.26 -2.53 0.00	21.68 -2.49 0.00	21.23 -2.60 0.00	21.34 -2.58 0.00	23.97 -2.93 0.00	30.12 -3.76 0.02	29.34 -4.69 6.78	28.78 -4.28 0.91	26.84 -3.15 0.00	25.99 -3.31 0.01	24.89 -3.30 0.00	24.45 -3.43 0.00	24.22 -3.40 0.00	24.57 -3.51 0.00	26.45 -3.71 0.02	32.12 -4.22 0.02	37.76 -5.14 3.37	35.00 -4.61 1.55	32.24 -3.58 0.02	30.47 -3.65 0.02	28.23 -3.60 0.02	26.14 -3.67 0.00	26.17 -3.00 0.00
MODERN_LFGE___ 323580	25.30 -2.66 0.00	23.26 -2.53 0.00	21.68 -2.49 0.00	21.23 -2.60 0.00	21.34 -2.58 0.00	23.97 -2.93 0.00	30.12 -3.76 0.02	29.34 -4.69 6.78	28.78 -4.28 0.91	26.84 -3.15 0.00	25.99 -3.31 0.01	24.89 -3.30 0.00	24.45 -3.43 0.00	24.22 -3.40 0.00	24.57 -3.51 0.00	26.45 -3.71 0.02	32.12 -4.22 0.02	37.76 -5.14 3.37	35.00 -4.61 1.55	32.24 -3.58 0.02	30.47 -3.65 0.02	28.23 -3.60 0.02	26.14 -3.67 0.00	26.17 -3.00 0.00
MOHAWK_PAPER___DRP 24187	28.60 0.64 0.00	26.36 0.57 0.00	24.77 0.60 0.00	24.44 0.62 0.00	24.54 0.62 0.00	27.60 0.70 0.00	35.02 1.12 0.00	42.41 1.59 0.00	35.16 1.19 0.00	30.86 0.87 0.00	30.19 0.88 0.00	29.06 0.87 0.00	28.78 0.89 0.00	28.51 0.88 0.00	29.01 0.93 0.00	31.27 1.09 0.00	37.84 1.49 0.00	48.40 2.13 0.00	42.93 1.77 0.00	37.31 1.47 0.00	35.37 1.23 0.00	32.93 1.08 0.00	30.73 0.92 0.00	29.93 0.76 0.00
MOHICAN___35_KV_115KV_LD 80490	29.58 1.62 0.00	27.23 1.44 0.00	25.52 1.35 0.00	25.13 1.31 0.00	25.31 1.39 0.00	28.03 1.13 0.00	35.70 1.80 0.00	43.26 2.45 0.00	35.77 1.80 0.00	31.16 1.17 0.00	30.42 1.11 0.00	29.23 1.04 0.00	28.92 1.03 0.00	28.67 1.05 0.00	29.21 1.12 0.00	31.69 1.51 0.00	38.46 2.11 0.00	49.24 2.96 0.00	43.59 2.43 0.00	37.88 2.04 0.00	35.92 1.78 0.00	33.31 1.47 0.00	31.00 1.19 0.00	30.20 1.02 0.00
MONGAUP___HYD 23641	29.00 1.04 0.00	26.79 1.00 0.00	25.09 0.92 0.00	24.75 0.93 0.00	24.83 0.91 0.00	27.98 1.08 0.00	35.53 1.63 0.00	42.65 1.84 0.00	35.70 1.73 0.00	31.28 1.29 0.00	30.57 1.26 0.00	29.54 1.35 0.00	29.22 1.34 0.00	28.98 1.35 0.00	29.46 1.38 0.00	31.57 1.39 0.00	38.57 2.22 0.00	49.00 2.73 0.00	43.30 2.14 0.00	38.06 2.22 0.00	36.05 1.91 0.00	33.47 1.62 0.00	31.30 1.49 0.00	30.40 1.23 0.00
MONTAUK___DIESEL 23721	30.67 2.71 0.00	28.21 2.42 0.00	26.88 2.66 -0.05	26.30 2.48 0.00	26.74 2.73 -0.09	30.25 2.66 -0.68	41.23 4.14 -3.20	49.42 5.63 -2.97	47.45 4.79 -8.69	38.67 4.02 -4.66	35.62 3.96 -2.36	36.25 3.86 -4.20	33.33 3.85 -1.60	31.10 3.48 0.00	33.47 3.40 -1.98	41.03 3.74 -7.10	50.85 5.42 -9.09	71.20 7.31 -17.61	61.36 6.30 -13.90	50.42 5.56 -9.03	48.03 4.92 -8.97	44.07 4.17 -8.05	35.00 3.55 -1.64	34.15 3.41 -1.56
MOONROAD_115KV_HARTFLD_TB1-2 355988	26.73 -1.23 0.00	24.40 -1.39 0.00	22.62 -1.55 0.00	22.25 -1.57 0.00	22.20 -1.72 0.00	24.99 -1.91 0.00	31.55 -2.34 0.01	31.72 -3.80 5.30	29.59 -3.67 0.71	27.80 -2.19 0.00	26.84 -2.46 0.01	25.62 -2.56 0.00	25.10 -2.79 0.00	24.81 -2.82 0.00	25.22 -2.86 0.00	27.30 -2.87 0.01	32.96 -3.38 0.01	39.60 -4.07 2.61	36.30 -3.66 1.20	33.57 -2.26 0.01	31.30 -2.83 0.01	29.51 -2.32 0.01	27.27 -2.53 0.00	27.28 -1.90 0.00
MORTIMER_115KV_TB3 55949	26.67 -1.29 0.00	24.58 -1.21 0.00	22.94 -1.23 0.00	22.51 -1.31 0.00	22.63 -1.29 0.00	25.45 -1.45 0.00	32.25 -1.63 0.02	32.51 -1.71 6.59	31.28 -1.80 0.89	28.55 -1.44 0.00	27.68 -1.61 0.01	26.58 -1.61 0.00	26.15 -1.73 0.00	25.88 -1.74 0.00	26.29 -1.80 0.00	28.41 -1.75 0.02	34.76 -1.56 0.02	41.37 -1.62 3.28	38.09 -1.56 1.51	34.60 -1.22 0.02	32.68 -1.43 0.02	30.23 -1.59 0.02	27.99 -1.82 0.00	27.72 -1.46 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	29.16 1.20 0.00	26.85 1.06 0.00	25.18 1.02 0.00	24.89 1.07 0.00	24.97 1.05 0.00	28.09 1.18 0.00	35.90 2.00 0.00	43.71 2.90 0.00	36.28 2.31 0.00	31.97 1.98 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.92 2.04 0.00	29.64 2.02 0.00	30.11 2.02 0.00	32.23 2.05 0.00	39.26 2.91 0.00	50.39 4.12 0.00	44.50 3.33 0.00	38.71 2.87 0.00	36.50 2.36 0.00	33.92 2.07 0.00	31.74 1.94 0.00	30.78 1.60 0.00

MUNSVILLE_WIND_PWR 323609	30.37 2.40 0.00	27.96 2.17 0.00	26.03 1.86 0.00	25.63 1.81 0.00	25.86 1.94 0.00	29.38 2.47 0.00	37.58 3.66 -0.02	50.46 4.69 -4.96	37.70 3.06 -0.67	32.51 2.52 0.00	31.43 2.11 -0.01	29.96 1.78 0.00	29.50 1.62 0.00	29.20 1.57 0.00	29.71 1.63 0.00	32.19 1.99 -0.02	39.93 3.56 -0.02	54.03 5.09 -2.67	46.75 4.36 -1.23	39.62 3.76 -0.02	37.57 3.41 -0.02	34.73 2.87 -0.02	32.19 2.39 0.00	31.48 2.30 0.00
N SALMON___HYD 24042	28.35 0.39 0.00	26.20 0.41 0.00	24.68 0.51 0.00	24.32 0.50 0.00	24.37 0.45 0.00	27.36 0.46 0.00	34.14 0.24 0.00	40.61 -0.20 0.00	34.17 0.21 0.00	29.87 -0.12 0.00	29.19 -0.12 0.00	27.90 -0.28 0.00	27.44 -0.45 0.00	27.07 -0.55 0.00	27.66 -0.42 0.00	29.67 -0.51 0.00	35.44 -0.91 0.00	44.29 -1.99 0.00	39.80 -1.36 0.00	34.80 -1.04 0.00	33.39 -0.75 0.00	31.24 -0.61 0.00	29.63 -0.18 0.00	29.03 -0.15 0.00
N.AKRON___115KV_KNAPP 355671	26.06 -1.90 0.00	24.04 -1.75 0.00	22.38 -1.79 0.00	21.89 -1.93 0.00	22.03 -1.89 0.00	24.75 -2.15 0.00	31.24 -2.64 0.02	30.83 -3.22 6.76	29.94 -3.13 0.91	27.83 -2.16 0.00	26.89 -2.40 0.01	25.76 -2.42 0.00	25.29 -2.59 0.00	25.03 -2.60 0.00	25.42 -2.67 0.00	27.51 -2.66 0.02	33.53 -2.80 0.02	39.53 -3.38 3.36	36.49 -3.13 1.55	33.67 -2.15 0.02	31.56 -2.56 0.02	29.35 -2.48 0.02	27.09 -2.71 0.00	27.02 -2.16 0.00
N.BELMOR_69_KV_BK1 55787	29.61 1.65 0.00	27.23 1.44 0.00	25.69 1.50 -0.02	25.28 1.45 0.00	25.58 1.63 -0.03	29.06 1.72 -0.44	38.72 2.64 -2.18	47.60 3.67 -3.12	42.83 2.89 -5.98	34.55 2.49 -2.07	32.85 2.52 -1.03	32.46 2.45 -1.82	31.09 2.51 -0.70	30.14 2.51 0.00	32.51 2.50 -1.93	40.23 2.57 -7.48	49.64 3.56 -9.72	68.78 4.86 -17.65	65.32 4.08 -20.08	55.33 3.58 -15.90	46.65 3.00 -9.50	42.98 2.64 -8.49	34.02 2.50 -1.71	32.91 2.16 -1.58
N.E._GEN_SANDY PD 24062	28.83 0.87 0.00	26.59 0.80 0.00	24.97 0.80 0.00	24.63 0.81 0.00	24.76 0.84 0.00	31.10 0.97 -3.23	35.36 1.46 0.00	49.47 2.12 -6.54	36.30 1.63 -0.70	31.28 1.29 0.00	30.63 1.32 0.00	29.51 1.33 0.00	29.25 1.37 0.00	28.98 1.35 0.00	29.46 1.38 0.00	38.60 1.45 -6.97	47.39 2.03 -9.01	59.45 2.87 -10.30	44.03 2.35 -0.52	37.85 2.01 0.00	35.85 1.71 0.00	37.10 1.50 -3.75	31.15 1.34 0.00	30.31 1.14 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.02 1.06 0.00	26.72 0.93 0.00	25.06 0.89 0.00	24.78 0.95 0.00	24.85 0.93 0.00	27.95 1.05 0.00	35.66 1.76 0.00	43.43 2.61 0.00	35.97 2.00 0.00	31.64 1.65 0.00	31.01 1.70 0.00	29.88 1.69 0.00	29.61 1.73 0.00	29.34 1.71 0.00	29.80 1.71 0.00	31.90 1.72 0.00	38.86 2.51 0.00	49.88 3.61 0.00	44.13 2.96 0.00	38.35 2.51 0.00	36.19 2.05 0.00	33.66 1.82 0.00	31.48 1.67 0.00	30.55 1.37 0.00
N.QUEENS_27_KV_LOAD 356247	29.30 1.34 0.00	26.92 1.13 0.00	25.33 1.16 0.00	25.04 1.21 0.00	25.11 1.20 0.00	27.93 1.02 0.00	35.56 1.66 0.00	43.34 2.53 0.00	36.04 2.07 0.00	31.82 1.83 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.95 2.06 0.00	29.69 2.07 0.00	30.16 2.08 0.00	32.23 2.05 0.00	39.15 2.80 0.00	50.07 3.79 0.00	44.29 3.13 0.00	38.60 2.76 0.00	36.36 2.22 0.00	33.95 2.10 0.00	32.19 2.38 0.00	31.28 2.10 -0.01
N.TROY___115KV_TB1 355778	28.83 0.87 0.00	26.56 0.77 0.00	24.94 0.77 0.00	24.59 0.76 0.00	24.73 0.81 0.00	27.79 0.89 0.00	35.22 1.32 0.00	42.69 1.88 0.00	35.40 1.43 0.00	31.04 1.05 0.00	30.36 1.06 0.00	29.20 1.01 0.00	28.94 1.06 0.00	28.67 1.05 0.00	29.15 1.07 0.00	31.42 1.24 0.00	38.06 1.71 0.00	48.68 2.41 0.00	43.18 2.02 0.00	37.56 1.72 0.00	35.58 1.43 0.00	33.12 1.27 0.00	30.91 1.10 0.00	30.11 0.93 0.00
NARROWS_GT1_1 24228	29.36 1.40 0.00	27.19 1.39 -0.01	25.45 1.28 0.00	25.11 1.29 0.00	25.21 1.29 0.00	28.22 1.32 0.00	36.10 2.20 0.00	43.96 3.14 0.00	36.45 2.48 0.00	32.12 2.13 0.00	31.36 2.05 0.00	30.24 2.06 0.00	30.03 2.15 0.00	29.80 2.18 0.00	30.30 2.22 0.00	32.38 2.20 0.00	39.63 3.27 -0.01	50.69 4.40 -0.01	44.80 3.62 -0.01	39.04 3.19 -0.01	36.81 2.66 0.00	34.17 2.32 0.00	32.10 2.30 0.00	31.14 1.95 -0.01
NARROWS_GT1_2 24229	29.36 1.40 0.00	27.19 1.39 -0.01	25.45 1.28 0.00	25.11 1.29 0.00	25.21 1.29 0.00	28.22 1.32 0.00	36.10 2.20 0.00	43.96 3.14 0.00	36.45 2.48 0.00	32.12 2.13 0.00	31.36 2.05 0.00	30.24 2.06 0.00	30.03 2.15 0.00	29.80 2.18 0.00	30.30 2.22 0.00	32.38 2.20 0.00	39.63 3.27 -0.01	50.69 4.40 -0.01	44.80 3.62 -0.01	39.04 3.19 -0.01	36.81 2.66 0.00	34.17 2.32 0.00	32.10 2.30 0.00	31.14 1.95 -0.01
NARROWS_GT1_3 24230	29.36 1.40 0.00	27.19 1.39 -0.01	25.45 1.28 0.00	25.11 1.29 0.00	25.21 1.29 0.00	28.22 1.32 0.00	36.10 2.20 0.00	43.96 3.14 0.00	36.45 2.48 0.00	32.12 2.13 0.00	31.36 2.05 0.00	30.24 2.06 0.00	30.03 2.15 0.00	29.80 2.18 0.00	30.30 2.22 0.00	32.38 2.20 0.00	39.63 3.27 -0.01	50.69 4.40 -0.01	44.80 3.62 -0.01	39.04 3.19 -0.01	36.81 2.66 0.00	34.17 2.32 0.00	32.10 2.30 0.00	31.14 1.95 -0.01
NARROWS_GT1_4 24231	29.36 1.40 0.00	27.19 1.39 -0.01	25.45 1.28 0.00	25.11 1.29 0.00	25.21 1.29 0.00	28.22 1.32 0.00	36.10 2.20 0.00	43.96 3.14 0.00	36.45 2.48 0.00	32.12 2.13 0.00	31.36 2.05 0.00	30.24 2.06 0.00	30.03 2.15 0.00	29.80 2.18 0.00	30.30 2.22 0.00	32.38 2.20 0.00	39.63 3.27 -0.01	50.69 4.40 -0.01	44.80 3.62 -0.01	39.04 3.19 -0.01	36.81 2.66 0.00	34.17 2.32 0.00	32.10 2.30 0.00	31.14 1.95 -0.01
NARROWS_GT1_5 24232	29.36 1.40 0.00	27.19 1.39 -0.01	25.45 1.28 0.00	25.11 1.29 0.00	25.21 1.29 0.00	28.22 1.32 0.00	36.10 2.20 0.00	43.96 3.14 0.00	36.45 2.48 0.00	32.12 2.13 0.00	31.36 2.05 0.00	30.24 2.06 0.00	30.03 2.15 0.00	29.80 2.18 0.00	30.30 2.22 0.00	32.38 2.20 0.00	39.63 3.27 -0.01	50.69 4.40 -0.01	44.80 3.62 -0.01	39.04 3.19 -0.01	36.81 2.66 0.00	34.17 2.32 0.00	32.10 2.30 0.00	31.14 1.95 -0.01
NARROWS_GT1_6 24233	29.36 1.40 0.00	27.19 1.39 -0.01	25.45 1.28 0.00	25.11 1.29 0.00	25.21 1.29 0.00	28.22 1.32 0.00	36.10 2.20 0.00	43.96 3.14 0.00	36.45 2.48 0.00	32.12 2.13 0.00	31.36 2.05 0.00	30.24 2.06 0.00	30.03 2.15 0.00	29.80 2.18 0.00	30.30 2.22 0.00	32.38 2.20 0.00	39.63 3.27 -0.01	50.69 4.40 -0.01	44.80 3.62 -0.01	39.04 3.19 -0.01	36.81 2.66 0.00	34.17 2.32 0.00	32.10 2.30 0.00	31.14 1.95 -0.01
NARROWS_GT1_7 24234	29.36 1.40 0.00	27.19 1.39 -0.01	25.45 1.28 0.00	25.11 1.29 0.00	25.21 1.29 0.00	28.22 1.32 0.00	36.10 2.20 0.00	43.96 3.14 0.00	36.45 2.48 0.00	32.12 2.13 0.00	31.36 2.05 0.00	30.24 2.06 0.00	30.03 2.15 0.00	29.80 2.18 0.00	30.30 2.22 0.00	32.38 2.20 0.00	39.63 3.27 -0.01	50.69 4.40 -0.01	44.80 3.62 -0.01	39.04 3.19 -0.01	36.81 2.66 0.00	34.17 2.32 0.00	32.10 2.30 0.00	31.14 1.95 -0.01

NARROWS_GT1_8 24235	29.36 1.40 0.00	27.19 1.39 -0.01	25.45 1.28 0.00	25.11 1.29 0.00	25.21 1.29 0.00	28.22 1.32 0.00	36.10 2.20 0.00	43.96 3.14 0.00	36.45 2.48 0.00	32.12 2.13 0.00	31.36 2.05 0.00	30.24 2.06 0.00	30.03 2.15 0.00	29.80 2.18 0.00	30.30 2.22 0.00	32.38 2.20 0.00	39.63 3.27 -0.01	50.69 4.40 -0.01	44.80 3.62 -0.01	39.04 3.19 -0.01	36.81 2.66 0.00	34.17 2.32 0.00	32.10 2.30 0.00	31.14 1.95 -0.01
NARROWS_GT2_1 24236	29.36 1.40 0.00	27.16 1.37 -0.01	25.45 1.28 0.00	25.11 1.29 0.00	25.21 1.29 0.00	28.22 1.32 0.00	36.10 2.20 0.00	43.96 3.14 0.00	36.45 2.48 0.00	32.12 2.13 0.00	31.36 2.05 0.00	30.24 2.06 0.00	30.03 2.15 0.00	29.80 2.18 0.00	30.30 2.22 0.00	32.38 2.20 0.00	39.63 3.27 -0.01	50.69 4.40 -0.01	44.80 3.62 -0.01	39.04 3.19 -0.01	36.81 2.66 0.00	34.17 2.32 0.00	32.10 2.30 0.00	31.14 1.95 -0.01
NARROWS_GT2_2 24237	29.36 1.40 0.00	27.16 1.37 -0.01	25.45 1.28 0.00	25.11 1.29 0.00	25.21 1.29 0.00	28.22 1.32 0.00	36.10 2.20 0.00	43.96 3.14 0.00	36.45 2.48 0.00	32.12 2.13 0.00	31.36 2.05 0.00	30.24 2.06 0.00	30.03 2.15 0.00	29.80 2.18 0.00	30.30 2.22 0.00	32.38 2.20 0.00	39.63 3.27 -0.01	50.69 4.40 -0.01	44.80 3.62 -0.01	39.04 3.19 -0.01	36.81 2.66 0.00	34.17 2.32 0.00	32.10 2.30 0.00	31.14 1.95 -0.01
NARROWS_GT2_3 24238	29.36 1.40 0.00	27.16 1.37 -0.01	25.45 1.28 0.00	25.11 1.29 0.00	25.21 1.29 0.00	28.22 1.32 0.00	36.10 2.20 0.00	43.96 3.14 0.00	36.45 2.48 0.00	32.12 2.13 0.00	31.36 2.05 0.00	30.24 2.06 0.00	30.03 2.15 0.00	29.80 2.18 0.00	30.30 2.22 0.00	32.38 2.20 0.00	39.63 3.27 -0.01	50.69 4.40 -0.01	44.80 3.62 -0.01	39.04 3.19 -0.01	36.81 2.66 0.00	34.17 2.32 0.00	32.10 2.30 0.00	31.14 1.95 -0.01
NARROWS_GT2_4 24239	29.36 1.40 0.00	27.16 1.37 -0.01	25.45 1.28 0.00	25.11 1.29 0.00	25.21 1.29 0.00	28.22 1.32 0.00	36.10 2.20 0.00	43.96 3.14 0.00	36.45 2.48 0.00	32.12 2.13 0.00	31.36 2.05 0.00	30.24 2.06 0.00	30.03 2.15 0.00	29.80 2.18 0.00	30.30 2.22 0.00	32.38 2.20 0.00	39.63 3.27 -0.01	50.69 4.40 -0.01	44.80 3.62 -0.01	39.04 3.19 -0.01	36.81 2.66 0.00	34.17 2.32 0.00	32.10 2.30 0.00	31.14 1.95 -0.01
NARROWS_GT2_5 24240	29.36 1.40 0.00	27.16 1.37 -0.01	25.45 1.28 0.00	25.11 1.29 0.00	25.21 1.29 0.00	28.22 1.32 0.00	36.10 2.20 0.00	43.96 3.14 0.00	36.45 2.48 0.00	32.12 2.13 0.00	31.36 2.05 0.00	30.24 2.06 0.00	30.03 2.15 0.00	29.80 2.18 0.00	30.30 2.22 0.00	32.38 2.20 0.00	39.63 3.27 -0.01	50.69 4.40 -0.01	44.80 3.62 -0.01	39.04 3.19 -0.01	36.81 2.66 0.00	34.17 2.32 0.00	32.10 2.30 0.00	31.14 1.95 -0.01
NARROWS_GT2_6 24241	29.36 1.40 0.00	27.16 1.37 -0.01	25.45 1.28 0.00	25.11 1.29 0.00	25.21 1.29 0.00	28.22 1.32 0.00	36.10 2.20 0.00	43.96 3.14 0.00	36.45 2.48 0.00	32.12 2.13 0.00	31.36 2.05 0.00	30.24 2.06 0.00	30.03 2.15 0.00	29.80 2.18 0.00	30.30 2.22 0.00	32.38 2.20 0.00	39.63 3.27 -0.01	50.69 4.40 -0.01	44.80 3.62 -0.01	39.04 3.19 -0.01	36.81 2.66 0.00	34.17 2.32 0.00	32.10 2.30 0.00	31.14 1.95 -0.01
NARROWS_GT2_7 24242	29.36 1.40 0.00	27.16 1.37 -0.01	25.45 1.28 0.00	25.11 1.29 0.00	25.21 1.29 0.00	28.22 1.32 0.00	36.10 2.20 0.00	43.96 3.14 0.00	36.45 2.48 0.00	32.12 2.13 0.00	31.36 2.05 0.00	30.24 2.06 0.00	30.03 2.15 0.00	29.80 2.18 0.00	30.30 2.22 0.00	32.38 2.20 0.00	39.63 3.27 -0.01	50.69 4.40 -0.01	44.80 3.62 -0.01	39.04 3.19 -0.01	36.81 2.66 0.00	34.17 2.32 0.00	32.10 2.30 0.00	31.14 1.95 -0.01
NARROWS_GT2_8 24243	29.36 1.40 0.00	27.16 1.37 -0.01	25.45 1.28 0.00	25.11 1.29 0.00	25.21 1.29 0.00	28.22 1.32 0.00	36.10 2.20 0.00	43.96 3.14 0.00	36.45 2.48 0.00	32.12 2.13 0.00	31.36 2.05 0.00	30.24 2.06 0.00	30.03 2.15 0.00	29.80 2.18 0.00	30.30 2.22 0.00	32.38 2.20 0.00	39.63 3.27 -0.01	50.69 4.40 -0.01	44.80 3.62 -0.01	39.04 3.19 -0.01	36.81 2.66 0.00	34.17 2.32 0.00	32.10 2.30 0.00	31.14 1.95 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.08 1.12 0.00	26.80 1.01 0.00	25.16 0.99 0.00	24.80 0.98 0.00	24.90 0.98 0.00	28.03 1.13 0.00	35.56 1.66 0.00	42.81 2.00 0.00	35.43 1.46 0.00	30.95 0.96 0.00	30.16 0.85 0.00	29.03 0.85 0.00	28.66 0.78 0.00	28.42 0.80 0.00	28.98 0.90 0.00	31.39 1.21 0.00	38.20 1.85 0.00	48.91 2.64 0.00	43.47 2.31 0.00	37.85 2.01 0.00	35.88 1.74 0.00	33.35 1.50 0.00	31.03 1.22 0.00	30.22 1.05 0.00
NCHELSEA_115KV_TR2 355582	29.25 1.29 0.00	26.92 1.13 0.00	25.23 1.06 0.00	24.92 1.10 0.00	25.00 1.08 0.00	28.14 1.24 0.00	35.80 1.90 0.00	43.55 2.73 0.00	36.08 2.11 0.00	31.67 1.68 0.00	30.95 1.64 0.00	29.85 1.66 0.00	29.56 1.67 0.00	29.31 1.68 0.00	29.77 1.68 0.00	31.93 1.75 0.00	38.97 2.62 0.00	50.02 3.75 0.00	44.25 3.09 0.00	38.46 2.62 0.00	36.33 2.19 0.00	33.76 1.91 0.00	31.57 1.76 0.00	30.63 1.46 0.00
NEG CAPITAL___MECHNVIL 23645	29.30 1.34 0.00	27.00 1.21 0.00	25.30 1.14 0.00	24.97 1.14 0.00	25.09 1.17 0.00	28.14 1.24 0.00	35.76 1.86 0.00	43.30 2.49 0.00	35.87 1.90 0.00	31.34 1.35 0.00	30.66 1.35 0.00	29.46 1.27 0.00	29.17 1.28 0.00	28.89 1.27 0.00	29.43 1.35 0.00	31.81 1.63 0.00	38.57 2.22 0.00	49.33 3.05 0.00	43.76 2.59 0.00	38.06 2.22 0.00	36.12 1.98 0.00	33.50 1.66 0.00	31.24 1.43 0.00	30.43 1.25 0.00
NEG CENTRAL_HIGH_ACRES 23767	26.56 -1.40 0.00	24.42 -1.37 0.00	22.79 -1.38 0.00	22.39 -1.43 0.00	22.51 -1.41 0.00	25.34 -1.56 0.00	32.14 -1.73 0.03	30.19 -1.75 8.87	30.90 -1.87 1.20	28.40 -1.59 0.00	27.56 -1.73 0.02	26.47 -1.72 0.00	26.07 -1.81 0.00	25.80 -1.82 0.00	26.23 -1.85 0.00	28.28 -1.87 0.03	34.61 -1.71 0.03	39.99 -1.81 4.48	37.37 -1.73 2.06	34.38 -1.43 0.03	32.57 -1.54 0.03	30.07 -1.75 0.03	27.87 -1.94 0.00	27.54 -1.63 0.00
NEG CENTRAL___DRP 24199	28.18 0.22 0.00	25.94 0.15 0.00	24.19 0.02 0.00	23.80 -0.02 0.00	23.92 0.00 0.00	27.01 0.11 0.00	34.44 0.41 -0.13	78.08 0.61 -36.66	39.05 0.14 -4.94	30.26 0.27 0.00	29.50 0.12 -0.07	28.21 0.03 0.00	27.77 -0.11 0.00	27.51 -0.11 0.00	27.97 -0.11 0.00	30.34 0.03 -0.13	36.74 0.25 -0.13	66.08 0.46 -19.34	50.40 0.33 -8.91	36.44 0.47 -0.13	34.44 0.17 -0.13	32.01 0.03 -0.13	29.57 -0.24 0.00	29.06 -0.12 0.00
NEG CENTRAL___INDECK 23768	28.52 0.56 0.00	26.20 0.41 0.00	24.39 0.22 0.00	23.94 0.12 0.00	24.06 0.14 0.00	27.14 0.24 0.00	34.60 0.68 -0.02	46.78 1.14 -4.83	35.00 0.37 -0.65	30.53 0.54 0.00	29.55 0.23 -0.01	28.21 0.03 0.00	27.72 -0.17 0.00	27.46 -0.16 0.00	27.92 -0.17 0.00	30.08 -0.12 -0.02	36.88 0.51 -0.02	50.14 1.20 -2.66	43.25 0.87 -1.23	36.76 0.90 -0.02	34.70 0.54 -0.02	32.15 0.29 -0.02	29.69 -0.12 0.00	29.26 0.09 0.00



NEG CENTRAL___SENECA 23627	28.21 0.25 0.00	26.00 0.21 0.00	24.22 0.05 0.00	23.82 0.00 0.00	23.94 0.02 0.00	27.01 0.11 0.00	34.62 0.51 -0.21	100.20 0.65 -58.74	42.06 0.17 -7.92	30.32 0.33 0.00	29.60 0.18 -0.12	28.21 0.03 0.00	27.77 -0.11 0.00	27.54 -0.08 0.00	27.97 -0.11 0.00	30.45 0.06 -0.21	37.07 0.51 -0.21	77.96 0.79 -30.90	55.97 0.58 -14.23	36.88 0.82 -0.21	34.80 0.44 -0.21	32.32 0.25 -0.21	29.72 -0.09 0.00	29.23 0.06 0.00
NEG CENTRAL___STATE_STREET 24147	28.27 0.31 0.00	26.05 0.26 0.00	24.29 0.12 0.00	23.89 0.07 0.00	24.01 0.10 0.00	27.12 0.22 0.00	34.48 0.54 -0.04	52.64 0.86 -10.97	35.79 0.34 -1.48	30.41 0.42 0.00	29.62 0.29 -0.02	28.38 0.20 0.00	27.97 0.08 0.00	27.71 0.08 0.00	28.14 0.06 0.00	30.40 0.18 -0.04	36.68 0.29 -0.04	52.81 0.65 -5.89	44.33 0.45 -2.71	36.31 0.43 -0.04	34.39 0.20 -0.04	31.92 0.03 -0.04	29.63 -0.18 0.00	29.09 -0.09 0.00
NEG MILLWOOD___DRP 24198	29.39 1.43 0.00	27.05 1.26 0.00	25.35 1.18 0.00	25.06 1.24 0.00	25.07 1.15 0.00	28.25 1.35 0.00	36.00 2.10 0.00	43.92 3.10 0.00	36.38 2.41 0.00	31.94 1.95 0.00	31.15 1.85 0.00	30.02 1.83 0.00	29.72 1.84 0.00	29.45 1.82 0.00	29.94 1.85 0.00	32.11 1.93 0.00	39.18 2.84 0.00	50.39 4.12 0.00	44.58 3.42 0.00	38.71 2.87 0.00	36.60 2.46 0.00	34.01 2.17 0.00	31.71 1.91 0.00	30.78 1.60 0.00
NEG NORTH_FLCN_SEA 23793	28.30 0.34 0.00	26.23 0.44 0.00	24.75 0.58 0.00	24.42 0.60 0.00	24.49 0.57 0.00	27.52 0.62 0.00	34.14 0.24 0.00	40.90 0.08 0.00	34.17 0.20 0.00	29.75 -0.24 0.00	29.07 -0.23 0.00	27.76 -0.42 0.00	27.21 -0.67 0.00	26.82 -0.80 0.00	27.41 -0.67 0.00	29.37 -0.81 0.00	35.11 -1.24 0.00	43.41 -2.87 0.00	39.47 -1.69 0.00	34.59 -1.25 0.00	33.15 -0.99 0.00	30.83 -1.02 0.00	29.54 -0.27 0.00	28.97 -0.20 0.00
NEG NORTH_KES_CHATEGAY 23792	28.04 0.08 0.00	25.97 0.18 0.00	24.48 0.31 0.00	24.18 0.36 0.00	24.23 0.31 0.00	27.23 0.32 0.00	33.97 0.07 0.00	40.65 -0.16 0.00	33.97 0.00 0.00	29.63 -0.36 0.00	28.95 -0.35 0.00	27.68 -0.51 0.00	27.16 -0.72 0.00	26.79 -0.83 0.00	27.38 -0.70 0.00	29.31 -0.88 0.00	35.00 -1.34 0.00	43.68 -2.59 0.00	39.39 -1.77 0.00	34.44 -1.40 0.00	33.05 -1.09 0.00	30.80 -1.05 0.00	29.30 -0.51 0.00	28.74 -0.44 0.00
NEG NORTH___ALICE_FALLS 23915	28.44 0.48 0.00	26.33 0.54 0.00	24.85 0.68 0.00	24.51 0.69 0.00	24.56 0.65 0.00	27.66 0.75 0.00	34.44 0.54 0.00	41.30 0.49 0.00	34.48 0.51 0.00	29.99 0.00 0.00	29.28 -0.03 0.00	27.96 -0.23 0.00	27.41 -0.47 0.00	27.01 -0.61 0.00	27.61 -0.48 0.00	29.61 -0.57 0.00	35.51 -0.84 0.00	44.10 -2.17 0.00	39.89 -1.28 0.00	34.91 -0.93 0.00	33.46 -0.68 0.00	31.12 -0.73 0.00	29.66 -0.15 0.00	29.09 -0.09 0.00
NEG NORTH___LWR_SARANAC 23913	28.44 0.48 0.00	26.33 0.54 0.00	24.85 0.68 0.00	24.51 0.69 0.00	24.56 0.65 0.00	27.66 0.75 0.00	34.44 0.54 0.00	41.30 0.49 0.00	34.48 0.51 0.00	29.99 0.00 0.00	29.28 -0.03 0.00	27.96 -0.23 0.00	27.41 -0.47 0.00	27.01 -0.61 0.00	27.61 -0.48 0.00	29.61 -0.57 0.00	35.51 -0.84 0.00	44.10 -2.17 0.00	39.89 -1.28 0.00	34.91 -0.93 0.00	33.46 -0.68 0.00	31.12 -0.73 0.00	29.66 -0.15 0.00	29.09 -0.09 0.00
NEG NORTH___PLATTSBURG 23628	28.44 0.47 0.00	26.33 0.54 0.00	24.84 0.68 0.00	24.51 0.69 0.00	24.56 0.65 0.00	27.63 0.73 0.00	34.44 0.54 0.00	40.85 0.04 0.00	34.44 0.48 0.00	29.99 0.00 0.00	29.28 -0.03 0.00	27.96 -0.23 0.00	27.41 -0.47 0.00	27.01 -0.61 0.00	27.61 -0.48 0.00	29.61 -0.57 0.00	35.52 -0.83 0.00	44.10 -2.17 0.00	39.89 -1.28 0.00	34.91 -0.93 0.00	33.39 -0.75 0.00	31.12 -0.73 0.00	29.66 -0.15 0.00	29.09 -0.09 0.00
NEG WEST_LEA_LOCKPORT 23791	25.47 -2.49 0.00	23.55 -2.24 0.00	21.92 -2.25 0.00	21.44 -2.38 0.00	21.55 -2.37 0.00	24.21 -2.69 0.00	30.46 -3.42 0.02	29.68 -4.33 6.81	29.01 -4.04 0.91	27.14 -2.85 0.00	26.25 -3.05 0.01	25.14 -3.04 0.00	24.70 -3.18 0.00	24.45 -3.18 0.00	24.80 -3.29 0.00	26.81 -3.35 0.02	32.59 -3.74 0.02	38.17 -4.72 3.39	35.37 -4.24 1.56	32.78 -3.05 0.02	30.74 -3.38 0.02	28.62 -3.22 0.02	26.47 -3.34 0.00	26.43 -2.74 0.00
NEG WEST___LANCASTR 23811	26.98 -0.98 0.00	24.91 -0.88 0.00	23.20 -0.97 0.00	22.73 -1.10 0.00	22.84 -1.08 0.00	25.69 -1.21 0.00	31.65 -2.24 0.01	31.15 -4.45 5.22	29.33 -3.94 0.70	28.73 -1.26 0.00	27.86 -1.44 0.01	26.64 -1.55 0.00	26.15 -1.73 0.00	25.91 -1.71 0.00	26.26 -1.83 0.00	28.36 -1.81 0.01	33.29 -3.05 0.01	39.13 -4.58 2.56	35.87 -4.12 1.18	33.86 -1.97 0.01	31.13 -3.00 0.01	30.12 -1.72 0.01	28.05 -1.76 0.00	27.86 -1.31 0.00
NEG_PENN_ALLEGHNY 23528	28.13 0.17 0.00	25.95 0.16 0.00	24.24 0.07 0.00	23.87 0.05 0.00	23.97 0.05 0.00	27.01 0.11 0.00	34.19 0.27 -0.02	45.21 0.37 -4.03	34.51 0.00 -0.54	30.20 0.21 0.00	29.46 0.15 -0.01	28.27 0.08 0.00	27.91 0.03 0.00	27.65 0.03 0.00	28.08 0.00 0.00	30.26 0.06 -0.01	36.77 0.40 -0.02	49.24 0.79 -2.18	42.74 0.58 -1.00	36.43 0.57 -0.02	34.53 0.38 -0.02	32.18 0.32 -0.02	29.93 0.12 0.00	29.35 0.18 0.00
NEG___GEN_MONROE 24207	26.67 -1.29 0.00	24.60 -1.19 0.00	22.98 -1.18 0.00	22.51 -1.31 0.00	22.63 -1.29 0.00	25.48 -1.43 0.00	32.15 -1.73 0.02	32.24 -1.92 6.66	31.10 -1.97 0.90	28.46 -1.53 0.00	27.59 -1.70 0.01	26.47 -1.72 0.00	25.99 -1.90 0.00	25.72 -1.91 0.00	26.09 -1.99 0.00	28.17 -1.99 0.02	34.47 -1.85 0.02	40.92 -2.04 3.32	37.82 -1.81 1.53	34.49 -1.33 0.02	32.51 -1.60 0.02	30.14 -1.69 0.02	27.93 -1.88 0.00	27.72 -1.46 0.00
NEPA___ENERGY 23901	26.62 -1.34 0.00	24.55 -1.24 0.00	22.86 -1.31 0.00	22.42 -1.41 0.00	22.51 -1.41 0.00	25.32 -1.59 0.00	31.72 -2.17 0.01	32.61 -3.27 4.94	30.18 -3.13 0.66	28.31 -1.68 0.00	27.48 -1.82 0.01	26.30 -1.89 0.00	25.82 -2.06 0.00	25.55 -2.07 0.00	25.92 -2.16 0.00	27.97 -2.20 0.01	33.69 -2.65 0.01	40.47 -3.38 2.42	36.92 -3.13 1.11	33.97 -1.86 0.01	31.71 -2.42 0.01	29.90 -1.94 0.01	27.69 -2.12 0.00	27.51 -1.66 0.00
NEVERSINK___HYD 23608	29.19 1.23 0.00	26.90 1.11 0.00	25.18 1.01 0.00	24.85 1.02 0.00	24.92 1.00 0.00	28.09 1.18 0.00	35.76 1.86 0.00	43.43 2.61 0.00	35.90 1.94 0.00	31.49 1.50 0.00	30.74 1.44 0.00	29.65 1.46 0.00	29.33 1.45 0.00	29.09 1.46 0.00	29.54 1.46 0.00	31.72 1.54 0.00	38.82 2.47 0.00	49.84 3.56 0.00	44.08 2.92 0.00	38.35 2.51 0.00	36.26 2.12 0.00	33.63 1.78 0.00	31.45 1.64 0.00	30.55 1.37 0.00
NEWKRMKL_115KV_TB1 55635	28.30 0.34 0.00	26.10 0.31 0.00	24.53 0.36 0.00	24.20 0.38 0.00	24.30 0.38 0.00	27.31 0.40 0.00	34.65 0.75 0.00	41.79 0.98 0.00	34.65 0.68 0.00	30.44 0.45 0.00	29.78 0.47 0.00	28.67 0.48 0.00	28.39 0.50 0.00	28.12 0.50 0.00	28.73 0.65 0.00	30.94 0.75 0.00	37.44 1.09 0.00	47.89 1.62 0.00	42.48 1.32 0.00	36.92 1.08 0.00	34.99 0.85 0.00	32.58 0.73 0.00	30.40 0.60 0.00	29.61 0.44 0.00

NEWTON___FALLS_HYD 23847	27.68 -0.28 0.00	25.53 -0.26 0.00	23.90 -0.27 0.00	23.42 -0.40 0.00	23.46 -0.45 0.00	26.31 -0.59 0.00	32.95 -0.95 0.00	39.55 -1.27 0.00	32.88 -1.09 0.00	28.97 -1.02 0.00	28.31 -1.00 0.00	27.17 -1.01 0.00	26.80 -1.09 0.00	26.55 -1.08 0.00	27.04 -1.04 0.00	29.13 -1.06 0.00	35.04 -1.31 0.00	44.52 -1.76 0.00	39.68 -1.48 0.00	34.51 -1.33 0.00	33.12 -1.02 0.00	30.99 -0.86 0.00	29.18 -0.63 0.00	28.50 -0.67 0.00
NGRID_A1_DSASP 323792	25.19 -2.77 0.00	23.19 -2.60 0.00	21.61 -2.56 0.00	21.16 -2.67 0.00	21.24 -2.68 0.00	23.86 -3.04 0.00	30.02 -3.87 0.02	29.08 -4.73 7.00	28.72 -4.31 0.94	26.75 -3.24 0.00	25.90 -3.40 0.01	24.83 -3.35 0.00	24.40 -3.49 0.00	24.14 -3.48 0.00	24.52 -3.57 0.00	26.36 -3.80 0.02	32.04 -4.29 0.02	37.56 -5.23 3.48	34.87 -4.69 1.60	32.13 -3.69 0.02	30.41 -3.72 0.02	28.14 -3.69 0.02	26.05 -3.76 0.00	26.08 -3.09 0.00
NGRID_A2_DSASP 323793	25.19 -2.77 0.00	23.19 -2.60 0.00	21.61 -2.56 0.00	21.16 -2.67 0.00	21.24 -2.68 0.00	23.86 -3.04 0.00	30.02 -3.87 0.02	29.08 -4.73 7.00	28.72 -4.31 0.94	26.75 -3.24 0.00	25.90 -3.40 0.01	24.83 -3.35 0.00	24.40 -3.49 0.00	24.14 -3.48 0.00	24.52 -3.57 0.00	26.36 -3.80 0.02	32.04 -4.29 0.02	37.56 -5.23 3.48	34.87 -4.69 1.60	32.13 -3.69 0.02	30.41 -3.72 0.02	28.14 -3.69 0.02	26.05 -3.76 0.00	26.08 -3.09 0.00
NGRID_A4_DSASP 323807	25.19 -2.77 0.00	23.19 -2.60 0.00	21.61 -2.56 0.00	21.16 -2.67 0.00	21.24 -2.68 0.00	23.86 -3.04 0.00	30.02 -3.87 0.02	29.08 -4.73 7.00	28.72 -4.31 0.94	26.75 -3.24 0.00	25.90 -3.40 0.01	24.83 -3.35 0.00	24.40 -3.49 0.00	24.14 -3.48 0.00	24.52 -3.57 0.00	26.36 -3.80 0.02	32.04 -4.29 0.02	37.56 -5.23 3.48	34.87 -4.69 1.60	32.13 -3.69 0.02	30.41 -3.72 0.02	28.14 -3.69 0.02	26.05 -3.76 0.00	26.08 -3.09 0.00
NIAGARA_115E_LBMP 323715	25.14 -2.82 0.00	23.13 -2.66 0.00	21.56 -2.61 0.00	21.08 -2.74 0.00	21.19 -2.73 0.00	23.81 -3.09 0.00	29.92 -3.97 0.02	29.09 -4.94 6.79	28.58 -4.48 0.91	26.66 -3.33 0.00	25.81 -3.49 0.01	24.75 -3.44 0.00	24.31 -3.57 0.00	24.06 -3.56 0.00	24.43 -3.65 0.00	26.27 -3.89 0.02	31.90 -4.44 0.02	37.49 -5.41 3.38	34.71 -4.90 1.55	32.03 -3.80 0.02	30.27 -3.86 0.02	28.07 -3.76 0.02	25.96 -3.85 0.00	25.99 -3.18 0.00
NIAGARA_115W_LBMP 323714	25.14 -2.82 0.00	23.13 -2.66 0.00	21.56 -2.61 0.00	21.11 -2.72 0.00	21.22 -2.70 0.00	23.84 -3.07 0.00	29.95 -3.93 0.02	29.00 -4.78 7.03	28.65 -4.38 0.94	26.69 -3.30 0.00	25.87 -3.43 0.01	24.77 -3.41 0.00	24.34 -3.54 0.00	24.11 -3.51 0.00	24.46 -3.62 0.00	26.33 -3.83 0.02	32.01 -4.33 0.02	37.50 -5.28 3.50	34.82 -4.73 1.61	32.10 -3.73 0.02	30.37 -3.76 0.02	28.11 -3.73 0.02	25.99 -3.82 0.00	26.02 -3.15 0.00
NIAGARA_230_LBMP 323716	25.44 -2.52 0.00	23.42 -2.37 0.00	21.82 -2.34 0.00	21.37 -2.45 0.00	21.48 -2.44 0.00	24.13 -2.77 0.00	30.33 -3.56 0.02	29.16 -4.33 7.32	29.02 -3.97 0.98	27.02 -2.97 0.00	26.19 -3.11 0.01	25.11 -3.07 0.00	24.68 -3.21 0.00	24.42 -3.20 0.00	24.80 -3.29 0.00	26.66 -3.50 0.02	32.37 -3.96 0.02	37.86 -4.77 3.65	35.20 -4.28 1.68	32.45 -3.37 0.02	30.71 -3.41 0.02	28.46 -3.38 0.02	26.35 -3.46 0.00	26.34 -2.83 0.00
NIAGARA___115KV_198_GIBSON 55903	25.00 -2.96 0.00	23.13 -2.66 0.00	21.56 -2.61 0.00	21.11 -2.72 0.00	21.22 -2.70 0.00	23.81 -3.09 0.00	29.95 -3.93 0.02	28.96 -4.82 7.03	28.61 -4.42 0.94	26.69 -3.30 0.00	25.87 -3.43 0.01	24.78 -3.41 0.00	24.34 -3.54 0.00	24.11 -3.51 0.00	24.46 -3.62 0.00	26.42 -3.74 0.02	32.12 -4.22 0.02	37.45 -5.32 3.50	34.78 -4.77 1.61	32.28 -3.55 0.02	30.34 -3.79 0.02	28.17 -3.66 0.02	26.05 -3.76 0.00	26.05 -3.12 0.00
NIAGARA____ 23760	25.44 -2.52 0.00	23.42 -2.37 0.00	21.82 -2.34 0.00	21.37 -2.45 0.00	21.48 -2.44 0.00	24.13 -2.77 0.00	30.33 -3.56 0.02	29.41 -4.33 7.08	29.05 -3.97 0.95	27.02 -2.97 0.00	26.19 -3.11 0.01	25.11 -3.07 0.00	24.68 -3.21 0.00	24.42 -3.20 0.00	24.80 -3.29 0.00	26.66 -3.50 0.02	32.37 -3.96 0.02	37.98 -4.77 3.53	35.26 -4.28 1.62	32.45 -3.37 0.02	30.71 -3.41 0.02	28.46 -3.38 0.02	26.35 -3.46 0.00	26.34 -2.83 0.00
NINE_MILE_1 23575	27.01 -0.95 0.00	24.91 -0.88 0.00	23.30 -0.87 0.00	22.97 -0.86 0.00	23.06 -0.86 0.00	25.94 -0.97 0.00	32.61 -1.29 0.00	39.22 -1.59 0.00	32.51 -1.46 0.00	28.73 -1.26 0.00	28.05 -1.26 0.00	26.95 -1.24 0.00	26.63 -1.25 0.00	26.41 -1.21 0.00	26.82 -1.26 0.00	28.85 -1.33 0.00	35.08 -1.27 0.00	44.84 -1.43 0.00	39.80 -1.36 0.00	34.66 -1.18 0.00	32.95 -1.20 0.00	30.64 -1.21 0.00	28.64 -1.16 0.00	28.18 -0.99 0.00
NINE_MILE_2 23744	27.01 -0.95 0.00	24.91 -0.88 0.00	23.32 -0.85 0.00	22.97 -0.86 0.00	23.06 -0.86 0.00	25.94 -0.97 0.00	32.65 -1.25 0.00	39.26 -1.55 0.00	32.51 -1.46 0.00	28.73 -1.26 0.00	28.05 -1.26 0.00	26.95 -1.24 0.00	26.63 -1.25 0.00	26.41 -1.21 0.00	26.82 -1.26 0.00	28.85 -1.33 0.00	35.08 -1.27 0.00	44.84 -1.43 0.00	39.80 -1.36 0.00	34.66 -1.18 0.00	32.95 -1.20 0.00	30.64 -1.21 0.00	28.64 -1.16 0.00	28.18 -0.99 0.00
NM_CAPITAL___DRP 24208	28.38 0.42 0.00	26.18 0.39 0.00	24.60 0.44 0.00	24.28 0.45 0.00	24.37 0.45 0.00	27.41 0.51 0.00	34.75 0.85 0.00	42.04 1.22 0.00	34.89 0.92 0.00	30.65 0.66 0.00	29.98 0.67 0.00	28.86 0.68 0.00	28.58 0.70 0.00	28.31 0.69 0.00	28.81 0.73 0.00	31.03 0.85 0.00	37.55 1.20 0.00	48.03 1.76 0.00	42.60 1.44 0.00	37.02 1.18 0.00	35.10 0.96 0.00	32.68 0.83 0.00	30.52 0.72 0.00	29.73 0.55 0.00
NM_CENTRAL___DRP 24181	27.60 -0.36 0.00	25.45 -0.34 0.00	23.78 -0.39 0.00	23.44 -0.38 0.00	23.54 -0.38 0.00	26.50 -0.40 0.00	33.40 -0.51 -0.01	41.52 -0.61 -1.32	33.37 -0.78 -0.18	29.42 -0.57 0.00	28.72 -0.59 0.00	27.59 -0.59 0.00	27.24 -0.64 0.00	26.99 -0.64 0.00	27.44 -0.65 0.00	29.52 -0.66 0.00	35.96 -0.40 -0.01	46.84 -0.28 -0.85	41.18 -0.37 -0.39	35.56 -0.29 -0.01	33.70 -0.44 -0.01	31.34 -0.51 -0.01	29.24 -0.57 0.00	28.79 -0.38 0.00
NM_FRONTIER___DRP 24179	25.00 -2.96 0.00	23.13 -2.66 0.00	21.56 -2.61 0.00	21.11 -2.72 0.00	21.22 -2.70 0.00	23.81 -3.09 0.00	29.95 -3.93 0.02	28.96 -4.82 7.03	28.61 -4.42 0.94	26.69 -3.30 0.00	25.87 -3.43 0.01	24.78 -3.41 0.00	24.34 -3.54 0.00	24.11 -3.51 0.00	24.46 -3.62 0.00	26.42 -3.74 0.02	32.12 -4.22 0.02	37.45 -5.32 3.50	34.78 -4.77 1.61	32.28 -3.55 0.02	30.34 -3.79 0.02	28.17 -3.66 0.02	26.05 -3.76 0.00	26.05 -3.12 0.00
NM_ST_REGIS___HYD 24053	28.16 0.20 0.00	25.97 0.18 0.00	24.41 0.24 0.00	24.01 0.19 0.00	24.04 0.12 0.00	26.82 -0.08 0.00	33.33 -0.58 0.00	39.83 -0.98 0.00	33.39 -0.58 0.00	29.36 -0.63 0.00	28.78 -0.53 0.00	27.59 -0.59 0.00	27.21 -0.67 0.00	26.90 -0.72 0.00	27.47 -0.62 0.00	29.49 -0.69 0.00	34.97 -1.38 0.00	43.96 -2.31 0.00	39.39 -1.77 0.00	34.30 -1.54 0.00	33.15 -0.99 0.00	31.18 -0.67 0.00	29.57 -0.24 0.00	28.91 -0.26 0.00

NORTHPORT___1 23551	29.78 1.82 0.00	27.42 1.63 0.00	26.01 1.79 -0.05	25.49 1.67 0.00	25.92 1.91 -0.08	29.31 1.78 -0.63	39.64 2.78 -2.96	47.86 4.08 -2.97	45.09 3.09 -8.03	36.81 2.52 -4.31	33.99 2.52 -2.17	34.50 2.45 -3.86	31.86 2.51 -1.47	30.41 2.79 0.00	32.78 2.72 -1.98	40.23 2.96 -7.09	49.48 4.07 -9.06	69.34 5.46 -17.61	59.10 4.45 -13.49	48.70 4.23 -8.63	46.71 3.62 -8.95	43.20 3.31 -8.04	34.31 2.86 -1.64	33.08 2.36 -1.55
NORTHPORT___2 23552	29.78 1.82 0.00	27.42 1.63 0.00	26.01 1.79 -0.05	25.49 1.67 0.00	25.92 1.91 -0.08	29.31 1.78 -0.63	39.64 2.78 -2.96	47.86 4.08 -2.97	45.09 3.09 -8.03	36.81 2.52 -4.31	33.99 2.52 -2.17	34.50 2.45 -3.86	31.86 2.51 -1.47	30.41 2.79 0.00	32.78 2.72 -1.98	40.23 2.96 -7.09	49.48 4.07 -9.06	69.34 5.46 -17.61	59.10 4.45 -13.49	48.70 4.23 -8.63	46.71 3.62 -8.95	43.20 3.31 -8.04	34.31 2.86 -1.64	33.08 2.36 -1.55
NORTHPORT___3 23553	29.81 1.84 0.00	27.44 1.65 0.00	25.95 1.74 -0.04	25.44 1.62 0.00	25.86 1.87 -0.08	30.91 3.39 -0.62	41.09 4.24 -2.95	47.81 4.08 -2.92	45.56 3.57 -8.03	38.37 4.38 -4.00	35.72 4.39 -2.02	36.07 4.28 -3.60	33.52 4.27 -1.37	30.38 2.76 0.00	33.40 3.37 -1.95	39.76 2.60 -6.99	48.28 2.98 -8.95	67.31 3.61 -17.43	57.38 2.72 -13.50	46.76 2.33 -8.59	45.27 2.29 -8.84	41.33 1.56 -7.92	34.10 2.68 -1.61	34.02 3.32 -1.52
NORTHPORT___4 23650	29.81 1.84 0.00	27.44 1.65 0.00	25.95 1.74 -0.04	25.44 1.62 0.00	25.86 1.87 -0.08	30.91 3.39 -0.62	41.09 4.24 -2.95	47.81 4.08 -2.92	45.56 3.57 -8.03	38.37 4.38 -4.00	35.72 4.39 -2.02	36.07 4.28 -3.60	33.52 4.27 -1.37	30.38 2.76 0.00	33.40 3.37 -1.95	39.76 2.60 -6.99	48.28 2.98 -8.95	67.31 3.61 -17.43	57.38 2.72 -13.50	46.76 2.33 -8.59	45.27 2.29 -8.84	41.33 1.56 -7.92	34.10 2.68 -1.61	34.02 3.32 -1.52
NORTHPORT___IC 23718	29.78 1.82 0.00	27.42 1.63 0.00	26.01 1.79 -0.05	25.49 1.67 0.00	25.92 1.91 -0.08	29.31 1.78 -0.63	39.64 2.78 -2.96	47.86 4.08 -2.97	45.09 3.09 -8.03	36.81 2.52 -4.31	33.99 2.52 -2.17	34.50 2.45 -3.86	31.86 2.51 -1.47	30.41 2.79 0.00	32.78 2.72 -1.98	40.23 2.96 -7.09	49.48 4.07 -9.06	69.34 5.46 -17.61	59.10 4.45 -13.49	48.70 4.23 -8.63	46.71 3.62 -8.95	43.20 3.31 -8.04	34.31 2.86 -1.64	33.08 2.36 -1.55
NORTH___COUNTRY_ESR 323785	27.93 -0.03 0.00	25.87 0.08 0.00	24.41 0.24 0.00	24.09 0.26 0.00	24.16 0.24 0.00	27.12 0.21 0.00	33.83 -0.07 0.00	40.16 -0.65 0.00	33.80 -0.17 0.00	29.54 -0.45 0.00	28.87 -0.44 0.00	27.59 -0.59 0.00	27.10 -0.78 0.00	26.74 -0.89 0.00	27.30 -0.79 0.00	29.25 -0.94 0.00	34.86 -1.49 0.00	43.45 -2.82 0.00	39.19 -1.98 0.00	34.34 -1.50 0.00	32.84 -1.30 0.00	30.70 -1.15 0.00	29.21 -0.60 0.00	28.65 -0.52 0.00
NPX_GEN_1385_PROXY 323591	29.78 1.82 0.00	27.42 1.63 0.00	26.20 1.98 -0.05	25.70 1.88 0.00	26.11 2.11 -0.08	29.74 2.21 -0.63	40.14 3.29 -2.96	48.68 4.90 -2.97	45.09 3.09 -8.03	36.54 2.25 -4.31	33.76 2.29 -2.17	34.13 2.09 -3.86	31.61 2.26 -1.47	30.63 3.01 0.00	33.01 2.95 -1.98	40.61 3.02 -7.41	49.24 4.14 -8.75	69.25 5.37 -17.61	58.64 3.99 -13.49	48.63 4.16 -8.63	46.68 3.58 -8.95	43.33 3.44 -8.04	34.52 3.07 -1.64	33.26 2.54 -1.55
NPX_GEN_CSC 323557	29.61 1.65 0.00	27.26 1.47 0.00	26.01 1.79 -0.05	25.47 1.64 0.00	25.90 1.89 -0.09	29.28 1.70 -0.68	39.88 2.78 -3.20	47.83 4.04 -2.97	46.43 3.77 -8.69	37.83 3.18 -4.66	34.86 3.19 -2.36	35.49 3.10 -4.20	32.63 3.15 -1.60	30.25 2.63 0.00	32.48 2.42 -1.98	40.17 2.56 -7.42	48.97 3.85 -8.77	68.98 5.09 -17.61	59.46 4.41 -13.89	49.02 4.16 -9.02	46.73 3.62 -8.97	43.03 3.12 -8.05	33.84 2.39 -1.64	33.01 2.28 -1.56
NSINS_S_GLNS_FALLS 23858	29.58 1.62 0.00	27.23 1.44 0.00	25.52 1.35 0.00	25.16 1.33 0.00	25.31 1.39 0.00	27.98 1.08 0.00	35.66 1.76 0.00	43.18 2.37 0.00	35.74 1.77 0.00	31.10 1.11 0.00	30.39 1.08 0.00	29.17 0.99 0.00	28.86 0.98 0.00	28.59 0.97 0.00	29.12 1.04 0.00	31.63 1.45 0.00	38.39 2.04 0.00	49.14 2.87 0.00	43.51 2.35 0.00	37.81 1.97 0.00	35.88 1.74 0.00	33.25 1.40 0.00	30.94 1.13 0.00	30.14 0.96 0.00
NUCOR_STEEL___DRP 24197	28.30 0.34 0.00	26.07 0.28 0.00	24.31 0.15 0.00	23.94 0.12 0.00	24.06 0.14 0.00	27.15 0.24 0.00	34.43 0.51 -0.02	47.27 0.82 -5.64	34.97 0.24 -0.76	30.29 0.30 0.00	29.52 0.21 -0.01	28.30 0.11 0.00	27.91 0.03 0.00	27.65 0.03 0.00	28.11 0.03 0.00	30.35 0.15 -0.02	36.59 0.22 -0.02	49.93 0.56 -3.10	42.96 0.37 -1.43	36.22 0.36 -0.02	34.30 0.14 -0.02	31.87 0.00 -0.02	29.63 -0.18 0.00	29.14 -0.03 0.00
NUMBER_THREE_WT_PWR 323818	28.04 0.08 0.00	25.87 0.08 0.00	24.17 0.00 0.00	23.49 -0.33 0.00	23.61 -0.31 0.00	26.66 -0.24 0.00	33.67 -0.24 0.00	40.65 -0.16 0.00	33.60 -0.37 0.00	29.48 -0.51 0.00	28.75 -0.56 0.00	27.57 -0.62 0.00	27.21 -0.67 0.00	26.96 -0.66 0.00	27.47 -0.62 0.00	29.64 -0.54 0.00	36.10 -0.25 0.00	46.14 -0.14 0.00	41.00 -0.16 0.00	35.66 -0.18 0.00	33.97 -0.17 0.00	31.56 -0.29 0.00	29.48 -0.33 0.00	28.79 -0.38 0.00
NYISO_LBMP_REFERENCE 24008	27.96 0.00 0.00	25.79 0.00 0.00	24.17 0.00 0.00	23.82 0.00 0.00	23.92 0.00 0.00	26.90 0.00 0.00	33.90 0.00 0.00	40.81 0.00 0.00	33.97 0.00 0.00	29.99 0.00 0.00	29.31 0.00 0.00	28.19 0.00 0.00	27.88 0.00 0.00	27.62 0.00 0.00	28.08 0.00 0.00	30.18 0.00 0.00	36.35 0.00 0.00	46.28 0.00 0.00	41.16 0.00 0.00	35.84 0.00 0.00	34.14 0.00 0.00	31.85 0.00 0.00	29.81 0.00 0.00	29.17 0.00 0.00
NYPA_BRENTWD___GT 24164	30.08 2.12 0.00	27.67 1.88 0.00	26.25 2.03 -0.05	25.70 1.88 0.00	26.13 2.13 -0.08	29.68 2.12 -0.65	40.18 3.19 -3.09	48.37 4.49 -3.06	45.91 3.53 -8.41	37.32 2.97 -4.36	34.47 2.96 -2.20	34.99 2.88 -3.92	32.30 2.93 -1.49	30.66 3.04 0.00	33.09 3.01 -2.00	40.71 3.20 -7.33	50.17 4.43 -9.39	70.01 5.92 -17.81	60.57 5.02 -14.38	50.46 4.55 -10.07	47.36 3.96 -9.26	43.66 3.50 -8.31	34.57 3.07 -1.69	33.45 2.68 -1.60
NYPA_GOWANUS___GT5 24156	29.36 1.40 0.00	27.19 1.39 -0.01	25.45 1.28 0.00	25.11 1.29 0.00	25.21 1.29 0.00	28.22 1.32 0.00	36.10 2.20 0.00	43.96 3.14 0.00	36.45 2.48 0.00	32.12 2.13 0.00	31.36 2.05 0.00	30.24 2.06 0.00	30.03 2.15 0.00	29.80 2.18 0.00	30.30 2.22 0.00	32.38 2.20 0.00	39.63 3.27 -0.01	50.69 4.40 -0.01	44.80 3.62 -0.01	39.04 3.19 -0.01	36.81 2.66 0.00	34.17 2.32 0.00	32.10 2.30 0.00	31.14 1.95 -0.01
NYPA_GOWANUS___GT6 24157	29.36 1.40 0.00	27.19 1.39 -0.01	25.45 1.28 0.00	25.11 1.29 0.00	25.21 1.29 0.00	28.22 1.32 0.00	36.10 2.20 0.00	43.96 3.14 0.00	36.45 2.48 0.00	32.12 2.13 0.00	31.36 2.05 0.00	30.24 2.06 0.00	30.03 2.15 0.00	29.80 2.18 0.00	30.30 2.22 0.00	32.38 2.20 0.00	39.63 3.27 -0.01	50.69 4.40 -0.01	44.80 3.62 -0.01	39.04 3.19 -0.01	36.81 2.66 0.00	34.17 2.32 0.00	32.10 2.30 0.00	31.14 1.95 -0.01

NYPA_HARLEM__RVR__GT1 24160	29.13 1.17 0.00	26.90 1.11 0.00	25.30 1.14 0.00	24.97 1.14 0.00	25.09 1.17 0.00	27.92 1.02 0.00	35.56 1.66 0.00	43.34 2.53 0.01	36.03 2.07 0.01	31.78 1.80 0.01	31.20 1.90 0.01	30.10 1.92 0.01	29.86 1.98 0.01	29.60 1.99 0.01	30.07 1.99 0.01	32.17 1.99 0.01	39.10 2.76 0.01	50.01 3.75 0.01	44.24 3.09 0.01	38.56 2.72 0.01	36.39 2.25 0.01	33.92 2.07 0.00	32.11 2.30 -0.01	31.22 2.04 -0.01
NYPA_HARLEM__RVR__GT2 24161	29.13 1.17 0.00	26.90 1.11 0.00	25.30 1.14 0.00	24.97 1.14 0.00	25.09 1.17 0.00	27.92 1.02 0.00	35.56 1.66 0.00	43.34 2.53 0.01	36.03 2.07 0.01	31.78 1.80 0.01	31.20 1.90 0.01	30.10 1.92 0.01	29.86 1.98 0.01	29.60 1.99 0.01	30.07 1.99 0.01	32.17 1.99 0.01	39.10 2.76 0.01	50.01 3.75 0.01	44.24 3.09 0.01	38.56 2.72 0.01	36.39 2.25 0.01	33.92 2.07 0.00	32.11 2.30 -0.01	31.22 2.04 -0.01
NYPA_KENT____GT 24152	29.28 1.31 0.00	27.06 1.26 -0.01	25.35 1.18 0.00	25.04 1.21 0.00	25.14 1.22 0.00	28.14 1.24 0.00	36.00 2.10 0.00	43.83 3.02 0.00	36.38 2.41 0.00	32.06 2.07 0.00	31.36 2.05 0.00	30.22 2.03 0.00	30.00 2.12 0.00	29.78 2.16 0.00	30.25 2.16 0.00	32.36 2.17 0.00	39.52 3.16 -0.01	50.54 4.25 -0.01	44.67 3.50 -0.01	38.94 3.08 -0.01	36.70 2.56 0.00	34.11 2.26 0.00	32.01 2.21 0.00	31.05 1.87 -0.01
NYPA_POUCH1____GT 24155	29.36 1.40 0.00	27.19 1.39 -0.01	25.45 1.28 0.00	25.11 1.29 0.00	25.23 1.31 0.00	28.19 1.29 0.00	36.10 2.20 0.00	43.91 3.10 0.00	36.38 2.41 0.00	32.06 2.07 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.98 2.09 0.00	29.75 2.13 0.00	30.25 2.16 0.00	32.36 2.17 0.00	39.56 3.20 -0.01	50.54 4.25 -0.01	44.71 3.54 -0.01	38.94 3.08 -0.01	36.73 2.59 0.00	34.14 2.29 0.00	32.10 2.30 0.00	31.11 1.93 -0.01
NYPA_VERNON____GT2 24162	29.22 1.26 0.00	26.95 1.16 0.00	25.26 1.09 0.00	24.94 1.12 0.00	25.04 1.12 0.00	28.09 1.18 0.00	35.90 2.00 0.00	43.75 2.94 0.00	36.31 2.34 0.00	32.00 2.01 0.00	31.33 2.02 0.00	30.22 2.03 0.00	29.98 2.09 0.00	29.72 2.10 0.00	30.19 2.11 0.00	32.29 2.11 0.00	39.37 3.02 0.00	50.39 4.12 0.00	44.54 3.38 0.00	38.81 2.97 0.00	36.60 2.46 0.00	34.02 2.17 0.00	31.92 2.12 0.00	30.99 1.81 -0.01
NYPA_VERNON____GT3 24163	29.22 1.26 0.00	26.95 1.16 0.00	25.26 1.09 0.00	24.94 1.12 0.00	25.04 1.12 0.00	28.09 1.18 0.00	35.90 2.00 0.00	43.75 2.94 0.00	36.31 2.34 0.00	32.00 2.01 0.00	31.33 2.02 0.00	30.22 2.03 0.00	29.98 2.09 0.00	29.72 2.10 0.00	30.19 2.11 0.00	32.29 2.11 0.00	39.37 3.02 0.00	50.39 4.12 0.00	44.54 3.38 0.00	38.81 2.97 0.00	36.60 2.46 0.00	34.02 2.17 0.00	31.92 2.12 0.00	30.99 1.81 -0.01
NYPA__ASTORIA_CC1 323568	29.19 1.23 0.00	26.90 1.11 0.00	25.23 1.06 0.00	24.92 1.10 0.00	25.02 1.10 0.00	28.03 1.13 0.00	35.83 1.93 0.00	43.63 2.81 0.00	36.25 2.28 0.00	31.94 1.95 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.95 2.06 0.00	29.70 2.07 0.00	30.16 2.08 0.00	32.26 2.08 0.00	39.29 2.94 0.00	50.30 4.02 0.00	44.41 3.25 0.00	38.71 2.87 0.00	36.53 2.39 0.00	33.95 2.10 0.00	31.92 2.12 0.00	30.96 1.78 -0.01
NYPA__ASTORIA_CC2 323569	29.19 1.23 0.00	26.90 1.11 0.00	25.23 1.06 0.00	24.92 1.10 0.00	25.02 1.10 0.00	28.03 1.13 0.00	35.83 1.93 0.00	43.63 2.81 0.00	36.25 2.28 0.00	31.94 1.95 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.95 2.06 0.00	29.70 2.07 0.00	30.16 2.08 0.00	32.26 2.08 0.00	39.29 2.94 0.00	50.30 4.02 0.00	44.41 3.25 0.00	38.71 2.87 0.00	36.53 2.39 0.00	33.95 2.10 0.00	31.92 2.12 0.00	30.96 1.78 -0.01
NYPA__HOLTSVILL 23794	29.86 1.90 0.00	27.49 1.70 0.00	26.11 1.89 -0.05	25.56 1.74 0.00	26.00 1.98 -0.09	29.47 1.88 -0.68	39.98 2.88 -3.20	47.91 4.12 -2.97	46.03 3.36 -8.70	37.48 2.82 -4.67	34.48 2.81 -2.36	35.16 2.76 -4.21	32.27 2.79 -1.60	30.44 2.82 0.00	32.76 2.70 -1.99	40.12 2.84 -7.10	49.47 4.03 -9.08	69.25 5.37 -17.61	59.65 4.65 -13.84	48.97 4.16 -8.97	46.73 3.62 -8.97	43.05 3.15 -8.05	34.19 2.74 -1.64	33.13 2.39 -1.56
NYPA__HELLGATE_GT1 24158	29.11 1.15 0.00	26.87 1.08 0.00	25.30 1.14 0.00	24.97 1.14 0.00	25.09 1.17 0.00	27.90 1.00 0.00	35.53 1.63 0.00	43.30 2.49 0.01	36.00 2.04 0.01	31.75 1.77 0.01	31.23 1.93 0.01	30.12 1.94 0.01	29.88 2.01 0.01	29.63 2.02 0.01	30.10 2.02 0.01	32.20 2.02 0.01	39.10 2.76 0.01	49.97 3.70 0.01	44.20 3.05 0.01	38.56 2.72 0.01	36.35 2.22 0.01	33.92 2.07 0.00	32.17 2.35 -0.01	31.25 2.07 -0.01
NYPA__HELLGATE_GT2 24159	29.11 1.15 0.00	26.87 1.08 0.00	25.30 1.14 0.00	24.97 1.14 0.00	25.09 1.17 0.00	27.90 1.00 0.00	35.53 1.63 0.00	43.30 2.49 0.01	36.00 2.04 0.01	31.75 1.77 0.01	31.23 1.93 0.01	30.12 1.94 0.01	29.88 2.01 0.01	29.63 2.02 0.01	30.10 2.02 0.01	32.20 2.02 0.01	39.10 2.76 0.01	49.97 3.70 0.01	44.20 3.05 0.01	38.56 2.72 0.01	36.35 2.22 0.01	33.92 2.07 0.00	32.17 2.35 -0.01	31.25 2.07 -0.01
NYS_BARGE__HYD 23848	25.61 -2.35 0.00	23.55 -2.24 0.00	21.92 -2.25 0.00	21.44 -2.38 0.00	21.55 -2.37 0.00	24.24 -2.66 0.00	30.46 -3.42 0.02	29.75 -4.28 6.78	29.12 -3.94 0.91	27.17 -2.82 0.00	26.28 -3.02 0.01	25.17 -3.02 0.00	24.70 -3.18 0.00	24.45 -3.18 0.00	24.83 -3.26 0.00	26.72 -3.44 0.02	32.48 -3.85 0.02	38.28 -4.63 3.37	35.41 -4.20 1.55	32.60 -3.23 0.02	30.78 -3.34 0.02	28.55 -3.28 0.02	26.41 -3.40 0.00	26.43 -2.74 0.00
OAK ORCHARD__HYD 24046	26.73 -1.23 0.00	24.58 -1.21 0.00	22.94 -1.23 0.00	22.51 -1.31 0.00	22.63 -1.29 0.00	25.45 -1.45 0.00	32.25 -1.63 0.02	32.55 -1.68 6.59	31.31 -1.77 0.89	28.55 -1.44 0.00	27.68 -1.61 0.01	26.58 -1.61 0.00	26.15 -1.73 0.00	25.88 -1.74 0.00	26.29 -1.80 0.00	28.38 -1.78 0.02	34.73 -1.60 0.02	41.37 -1.62 3.28	38.09 -1.56 1.51	34.53 -1.29 0.02	32.72 -1.40 0.02	30.17 -1.66 0.02	27.96 -1.85 0.00	27.72 -1.46 0.00
OAKDALE__35_KV_LOAD 356122	28.04 0.08 0.00	25.87 0.08 0.00	24.17 0.00 0.00	23.80 -0.02 0.00	23.92 0.00 0.00	26.93 0.03 0.00	34.05 0.14 -0.02	45.08 0.16 -4.10	34.39 -0.14 -0.55	30.08 0.09 0.00	29.37 0.06 -0.01	28.19 0.00 0.00	27.83 -0.06 0.00	27.57 -0.06 0.00	28.00 -0.08 0.00	30.17 -0.03 -0.02	36.66 0.29 -0.02	49.05 0.56 -2.22	42.55 0.37 -1.02	36.36 0.50 -0.02	34.36 0.20 -0.02	32.06 0.19 -0.02	29.84 0.03 0.00	29.26 0.09 0.00
OCC_CHEM__DRP 24175	25.05 -2.91 0.00	23.18 -2.60 0.00	21.61 -2.56 0.00	21.13 -2.69 0.00	21.24 -2.68 0.00	23.86 -3.04 0.00	30.02 -3.86 0.02	29.08 -4.73 7.00	28.65 -4.38 0.94	26.75 -3.24 0.00	25.90 -3.40 0.01	24.83 -3.35 0.00	24.40 -3.49 0.00	24.14 -3.48 0.00	24.49 -3.59 0.00	26.45 -3.71 0.02	32.19 -4.14 0.02	37.56 -5.23 3.48	34.87 -4.69 1.60	32.35 -3.48 0.02	30.37 -3.76 0.02	28.23 -3.60 0.02	26.11 -3.70 0.00	26.11 -3.06 0.00

OH_GEN_PROXY 24063	25.50 -2.46 0.00	23.47 -2.32 0.00	21.90 -2.27 0.00	21.44 -2.38 0.00	21.53 -2.39 0.00	24.19 -2.72 0.00	30.43 -3.46 0.02	31.77 -4.16 4.88	29.47 -3.84 0.66	27.14 -2.85 0.00	26.31 -2.99 0.01	25.23 -2.96 0.00	24.79 -3.10 0.00	24.56 -3.07 0.00	24.91 -3.17 0.00	27.10 -3.38 -0.30	32.20 -3.82 0.33	39.30 -4.58 2.39	35.94 -4.12 1.10	32.60 -3.23 0.02	30.85 -3.28 0.02	28.58 -3.25 0.02	26.47 -3.34 0.00	26.43 -2.74 0.00
OLIN_CORP_DRP 24177	25.08 -2.88 0.00	23.18 -2.60 0.00	21.61 -2.56 0.00	21.15 -2.67 0.00	21.26 -2.65 0.00	23.86 -3.04 0.00	30.02 -3.86 0.02	29.27 -4.82 6.73	28.62 -4.45 0.90	26.75 -3.24 0.00	25.90 -3.40 0.01	24.83 -3.35 0.00	24.40 -3.49 0.00	24.14 -3.48 0.00	24.49 -3.59 0.00	26.48 -3.68 0.02	32.15 -4.18 0.02	37.61 -5.32 3.35	34.85 -4.77 1.54	32.31 -3.51 0.02	30.34 -3.79 0.02	28.23 -3.60 0.02	26.11 -3.70 0.00	26.11 -3.06 0.00
OLIN_CORP_DSASP 323712	25.19 -2.77 0.00	23.19 -2.60 0.00	21.61 -2.56 0.00	21.16 -2.67 0.00	21.24 -2.68 0.00	23.86 -3.04 0.00	30.02 -3.87 0.02	29.08 -4.73 7.00	28.72 -4.31 0.94	26.75 -3.24 0.00	25.90 -3.40 0.01	24.83 -3.35 0.00	24.40 -3.49 0.00	24.14 -3.48 0.00	24.52 -3.57 0.00	26.36 -3.80 0.02	32.04 -4.29 0.02	37.56 -5.23 3.48	34.87 -4.69 1.60	32.13 -3.69 0.02	30.41 -3.72 0.02	28.14 -3.69 0.02	26.05 -3.76 0.00	26.08 -3.09 0.00
ONEIDA_HERK_LFGE 323681	28.46 0.50 0.00	26.23 0.44 0.00	24.53 0.36 0.00	24.04 0.21 0.00	24.18 0.26 0.00	27.28 0.38 0.00	34.54 0.64 0.00	41.79 0.98 0.00	34.55 0.58 0.00	30.38 0.39 0.00	29.63 0.32 0.00	28.44 0.25 0.00	28.08 0.20 0.00	27.82 0.19 0.00	28.31 0.22 0.00	30.51 0.33 0.00	37.11 0.76 0.00	47.43 1.16 0.00	42.11 0.95 0.00	36.59 0.75 0.00	34.82 0.68 0.00	32.36 0.51 0.00	30.19 0.39 0.00	29.50 0.32 0.00
ONEIDA___115KV_TB4 55905	28.72 0.75 0.00	26.49 0.70 0.00	24.75 0.58 0.00	24.35 0.52 0.00	24.49 0.57 0.00	27.68 0.78 0.00	35.06 1.15 0.00	42.45 1.63 0.00	34.99 1.02 0.00	30.86 0.87 0.00	30.07 0.76 0.00	28.86 0.68 0.00	28.52 0.64 0.00	28.26 0.64 0.00	28.76 0.67 0.00	30.97 0.78 0.00	37.74 1.38 0.00	48.81 1.90 -0.64	43.02 1.56 -0.29	37.21 1.36 0.00	35.31 1.16 0.00	32.81 0.96 0.00	30.55 0.75 0.00	29.90 0.73 0.00
ONONDAGA_REF_OCCRA 23987	27.82 -0.14 0.00	25.66 -0.13 0.00	23.98 -0.19 0.00	23.61 -0.21 0.00	23.70 -0.22 0.00	26.69 -0.22 0.00	33.71 -0.20 -0.01	43.05 -0.20 -2.44	33.82 -0.48 -0.33	29.66 -0.33 0.00	28.96 -0.35 0.00	27.82 -0.37 0.00	27.47 -0.42 0.00	27.21 -0.41 0.00	27.66 -0.42 0.00	29.80 -0.39 -0.01	36.25 -0.11 -0.01	47.80 0.09 -1.43	41.82 0.00 -0.66	35.89 0.04 -0.01	34.01 -0.14 -0.01	31.60 -0.25 -0.01	29.48 -0.33 0.00	28.97 -0.20 0.00
ONONDAGA___COGEN 23986	28.07 0.11 0.00	25.87 0.08 0.00	24.14 -0.02 0.00	23.78 -0.05 0.00	23.89 -0.02 0.00	26.90 0.00 0.00	34.05 0.14 -0.02	45.64 0.24 -4.58	34.45 -0.14 -0.62	29.93 -0.06 0.00	29.20 -0.12 -0.01	28.02 -0.17 0.00	27.66 -0.22 0.00	27.40 -0.22 0.00	27.86 -0.22 0.00	30.05 -0.15 -0.02	36.29 -0.07 -0.02	48.97 0.14 -2.55	42.34 0.00 -1.18	35.89 0.04 -0.02	34.06 -0.10 -0.02	31.64 -0.22 -0.02	29.48 -0.33 0.00	28.97 -0.20 0.00
ONTARIO___LFGE 23819	28.27 0.31 0.00	25.99 0.21 0.00	24.22 0.05 0.00	23.82 0.00 0.00	23.94 0.02 0.00	27.01 0.11 0.00	34.62 0.51 -0.21	100.24 0.69 -58.74	42.13 0.24 -7.92	30.32 0.33 0.00	29.60 0.18 -0.12	28.21 0.03 0.00	27.77 -0.11 0.00	27.54 -0.08 0.00	27.97 -0.11 0.00	30.39 0.00 -0.21	37.03 0.47 -0.21	77.96 0.79 -30.90	55.97 0.58 -14.23	36.81 0.75 -0.21	34.83 0.48 -0.21	32.31 0.25 -0.21	29.72 -0.09 0.00	29.20 0.03 0.00
ORANGEVILLE_WT_PWR 323706	25.92 -2.04 0.00	23.78 -2.01 0.00	22.09 -2.08 0.00	21.49 -2.33 0.00	21.55 -2.37 0.00	24.21 -2.69 0.00	30.36 -3.53 0.01	29.59 -4.69 6.53	28.81 -4.28 0.87	26.96 -3.03 0.00	26.02 -3.28 0.01	24.86 -3.33 0.00	24.37 -3.51 0.00	24.14 -3.48 0.00	24.54 -3.54 0.00	26.42 -3.74 0.02	31.97 -4.36 0.01	37.80 -5.23 3.24	34.98 -4.69 1.49	32.21 -3.62 0.01	30.51 -3.62 0.01	28.52 -3.31 0.01	26.44 -3.37 0.00	26.40 -2.77 0.00
ORANGEVILLE___ESR 323794	25.92 -2.04 0.00	23.78 -2.01 0.00	22.09 -2.08 0.00	21.49 -2.33 0.00	21.55 -2.37 0.00	24.21 -2.69 0.00	30.36 -3.53 0.01	29.59 -4.69 6.53	28.81 -4.28 0.87	26.96 -3.03 0.00	26.02 -3.28 0.01	24.86 -3.33 0.00	24.37 -3.51 0.00	24.14 -3.48 0.00	24.54 -3.54 0.00	26.42 -3.74 0.02	31.97 -4.36 0.01	37.80 -5.23 3.24	34.98 -4.69 1.49	32.21 -3.62 0.01	30.51 -3.62 0.01	28.52 -3.31 0.01	26.44 -3.37 0.00	26.40 -2.77 0.00
OSWEGATCHIE___HYD 24044	27.68 -0.28 0.00	25.53 -0.26 0.00	23.90 -0.27 0.00	23.42 -0.41 0.00	23.46 -0.46 0.00	26.31 -0.59 0.00	32.95 -0.95 0.00	39.51 -1.31 0.00	32.88 -1.09 0.00	28.97 -1.02 0.00	28.31 -1.00 0.00	27.17 -1.01 0.00	26.80 -1.09 0.00	26.54 -1.08 0.00	27.04 -1.04 0.00	29.12 -1.06 0.00	35.04 -1.31 0.00	44.52 -1.76 0.00	39.68 -1.48 0.00	34.52 -1.33 0.00	33.08 -1.06 0.00	30.99 -0.86 0.00	29.18 -0.63 0.00	28.50 -0.67 0.00
OSWEGO___5 23606	27.23 -0.73 0.00	25.12 -0.67 0.00	23.49 -0.68 0.00	23.16 -0.67 0.00	23.25 -0.67 0.00	26.15 -0.75 0.00	32.95 -0.95 0.00	39.63 -1.18 0.00	32.81 -1.16 0.00	29.00 -0.99 0.00	28.31 -1.00 0.00	27.20 -0.99 0.00	26.88 -1.00 0.00	26.66 -0.97 0.00	27.07 -1.01 0.00	29.12 -1.06 0.00	35.48 -0.87 0.00	45.35 -0.93 0.00	40.26 -0.91 0.00	35.05 -0.79 0.00	33.32 -0.82 0.00	30.99 -0.86 0.00	28.91 -0.89 0.00	28.45 -0.73 0.00
OSWEGO___6 23613	27.23 -0.73 0.00	25.12 -0.67 0.00	23.49 -0.68 0.00	23.16 -0.67 0.00	23.25 -0.67 0.00	26.15 -0.75 0.00	32.95 -0.95 0.00	39.63 -1.18 0.00	32.81 -1.16 0.00	29.00 -0.99 0.00	28.31 -1.00 0.00	27.20 -0.99 0.00	26.88 -1.00 0.00	26.66 -0.97 0.00	27.07 -1.01 0.00	29.12 -1.06 0.00	35.48 -0.87 0.00	45.35 -0.93 0.00	40.26 -0.91 0.00	35.05 -0.79 0.00	33.32 -0.82 0.00	30.99 -0.86 0.00	28.91 -0.89 0.00	28.45 -0.73 0.00
OUTOKUMPU-AB___DRP 24206	25.67 -2.29 0.00	23.70 -2.09 0.00	22.09 -2.08 0.00	21.58 -2.24 0.00	21.72 -2.20 0.00	24.40 -2.50 0.00	30.67 -3.22 0.02	29.97 -4.16 6.68	29.20 -3.87 0.89	27.32 -2.67 0.00	26.43 -2.87 0.01	25.28 -2.90 0.00	24.84 -3.04 0.00	24.58 -3.04 0.00	24.97 -3.12 0.00	27.00 -3.17 0.02	32.77 -3.56 0.02	38.51 -4.44 3.32	35.60 -4.03 1.53	32.99 -2.83 0.02	30.92 -3.21 0.02	28.81 -3.03 0.02	26.65 -3.16 0.00	26.61 -2.57 0.00
OXBOW___BTM 323836	25.42 -2.54 0.00	23.49 -2.30 0.00	21.90 -2.27 0.00	21.42 -2.41 0.00	21.53 -2.39 0.00	24.19 -2.72 0.00	30.39 -3.49 0.02	29.61 -4.37 6.84	29.01 -4.04 0.92	27.08 -2.91 0.00	26.22 -3.08 0.01	25.11 -3.07 0.00	24.68 -3.21 0.00	24.42 -3.20 0.00	24.77 -3.31 0.00	26.79 -3.38 0.02	32.55 -3.78 0.02	38.15 -4.72 3.40	35.32 -4.28 1.56	32.74 -3.08 0.02	30.71 -3.41 0.02	28.58 -3.25 0.02	26.44 -3.37 0.00	26.40 -2.77 0.00

OXBOW____ 24026	25.56 -2.40 0.00	23.49 -2.30 0.00	21.90 -2.27 0.00	21.42 -2.41 0.00	21.53 -2.39 0.00	24.19 -2.72 0.00	30.39 -3.49 0.02	29.65 -4.33 6.84	29.04 -4.01 0.92	27.08 -2.91 0.00	26.22 -3.08 0.01	25.11 -3.07 0.00	24.68 -3.21 0.00	24.42 -3.20 0.00	24.77 -3.31 0.00	26.66 -3.50 0.02	32.41 -3.93 0.02	38.15 -4.72 3.40	35.36 -4.24 1.56	32.53 -3.30 0.02	30.75 -3.38 0.02	28.52 -3.31 0.02	26.38 -3.43 0.00	26.37 -2.80 0.00
OXY_CHEM_DSASP 323612	25.05 -2.91 0.00	23.18 -2.60 0.00	21.61 -2.56 0.00	21.13 -2.69 0.00	21.24 -2.68 0.00	23.86 -3.04 0.00	30.02 -3.86 0.02	29.08 -4.73 7.00	28.65 -4.38 0.94	26.75 -3.24 0.00	25.90 -3.40 0.01	24.83 -3.35 0.00	24.40 -3.49 0.00	24.14 -3.48 0.00	24.49 -3.59 0.00	26.45 -3.71 0.02	32.19 -4.14 0.02	37.56 -5.23 3.48	34.87 -4.69 1.60	32.35 -3.48 0.02	30.37 -3.76 0.02	28.23 -3.60 0.02	26.11 -3.70 0.00	26.11 -3.06 0.00
OZONE_PARK_ESR 323760	29.39 1.43 0.00	27.05 1.26 0.00	25.35 1.18 0.00	25.06 1.24 0.00	25.14 1.22 0.00	28.27 1.37 0.00	36.21 2.31 0.00	44.16 3.35 0.00	36.62 2.65 0.00	32.27 2.28 0.00	31.59 2.29 0.00	30.44 2.25 0.00	30.20 2.31 0.00	29.94 2.32 0.00	30.41 2.33 0.00	32.54 2.35 0.00	39.66 3.31 0.00	50.95 4.67 0.00	45.03 3.87 0.00	39.10 3.26 0.00	36.87 2.73 0.00	34.24 2.39 0.00	32.01 2.21 0.00	31.04 1.87 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	25.05 -2.91 0.00	23.18 -2.60 0.00	21.61 -2.56 0.00	21.13 -2.69 0.00	21.24 -2.68 0.00	23.86 -3.04 0.00	30.02 -3.86 0.02	29.08 -4.73 7.00	28.65 -4.38 0.94	26.75 -3.24 0.00	25.90 -3.40 0.01	24.83 -3.35 0.00	24.40 -3.49 0.00	24.14 -3.48 0.00	24.49 -3.59 0.00	26.45 -3.71 0.02	32.19 -4.14 0.02	37.56 -5.23 3.48	34.87 -4.69 1.60	32.35 -3.48 0.02	30.37 -3.76 0.02	28.23 -3.60 0.02	26.11 -3.70 0.00	26.11 -3.06 0.00
PACKARD__115KV_DUPONT_184 80571	25.05 -2.91 0.00	23.18 -2.60 0.00	21.61 -2.56 0.00	21.13 -2.69 0.00	21.24 -2.68 0.00	23.86 -3.04 0.00	30.02 -3.86 0.02	29.08 -4.73 7.00	28.65 -4.38 0.94	26.75 -3.24 0.00	25.90 -3.40 0.01	24.83 -3.35 0.00	24.40 -3.49 0.00	24.14 -3.48 0.00	24.49 -3.59 0.00	26.45 -3.71 0.02	32.19 -4.14 0.02	37.56 -5.23 3.48	34.87 -4.69 1.60	32.35 -3.48 0.02	30.37 -3.76 0.02	28.23 -3.60 0.02	26.11 -3.70 0.00	26.11 -3.06 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	29.30 1.34 0.00	26.95 1.16 0.00	25.30 1.14 0.00	24.99 1.17 0.00	25.07 1.15 0.00	27.98 1.08 0.00	35.66 1.76 0.00	43.38 2.57 0.00	36.08 2.11 0.00	31.82 1.83 0.00	31.15 1.85 0.00	30.02 1.83 0.00	29.81 1.92 0.00	29.56 1.93 0.00	30.02 1.94 0.00	32.08 1.90 0.00	39.11 2.76 0.00	50.07 3.79 0.00	44.25 3.09 0.00	38.53 2.69 0.00	36.33 2.19 0.00	33.89 2.04 0.00	31.98 2.18 0.00	31.08 1.90 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	29.72 1.76 0.00	27.34 1.55 0.00	25.64 1.47 0.00	25.32 1.50 0.00	25.43 1.51 0.00	28.36 1.45 0.00	36.14 2.24 0.00	43.96 3.14 0.00	36.52 2.55 0.00	32.21 2.22 0.00	31.50 2.20 0.00	30.36 2.17 0.00	30.14 2.26 0.00	29.89 2.27 0.00	30.36 2.27 0.00	32.42 2.23 0.00	39.55 3.20 0.00	50.67 4.40 0.00	44.74 3.58 0.00	38.99 3.15 0.00	36.70 2.56 0.00	34.27 2.42 0.00	32.31 2.50 0.00	31.46 2.28 -0.01
PATROON__115KV_TB1 80586	28.38 0.42 0.00	26.15 0.36 0.00	24.60 0.44 0.00	24.25 0.43 0.00	24.37 0.45 0.00	27.39 0.48 0.00	34.75 0.85 0.00	41.83 1.02 0.00	34.72 0.75 0.00	30.47 0.48 0.00	29.80 0.50 0.00	28.69 0.51 0.00	28.41 0.53 0.00	28.15 0.52 0.00	28.79 0.70 0.00	31.03 0.85 0.00	37.55 1.20 0.00	48.03 1.76 0.00	42.60 1.44 0.00	37.02 1.18 0.00	35.10 0.96 0.00	32.68 0.83 0.00	30.49 0.69 0.00	29.70 0.53 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	26.95 -1.01 0.00	24.86 -0.93 0.00	23.15 -1.02 0.00	22.68 -1.14 0.00	22.79 -1.12 0.00	25.67 -1.24 0.00	31.69 -2.20 0.01	31.05 -4.24 5.52	29.43 -3.80 0.74	28.70 -1.29 0.00	27.80 -1.49 0.01	26.61 -1.58 0.00	26.10 -1.78 0.00	25.85 -1.77 0.00	26.20 -1.88 0.00	28.33 -1.84 0.01	33.36 -2.98 0.01	39.21 -4.35 2.72	36.00 -3.91 1.25	33.93 -1.90 0.01	31.23 -2.90 0.01	30.12 -1.72 0.01	27.99 -1.82 0.00	27.83 -1.34 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	29.39 1.43 0.00	27.05 1.26 0.00	25.35 1.18 0.00	25.06 1.24 0.00	25.07 1.15 0.00	28.25 1.35 0.00	36.00 2.10 0.00	43.92 3.10 0.00	36.38 2.41 0.00	31.94 1.95 0.00	31.15 1.85 0.00	30.02 1.83 0.00	29.72 1.84 0.00	29.45 1.82 0.00	29.94 1.85 0.00	32.11 1.93 0.00	39.18 2.84 0.00	50.39 4.12 0.00	44.58 3.42 0.00	38.71 2.87 0.00	36.60 2.46 0.00	34.01 2.17 0.00	31.71 1.91 0.00	30.78 1.60 0.00
PEEKSKILL____ 23653	29.02 1.06 0.00	26.74 0.95 0.00	25.09 0.92 0.00	24.78 0.95 0.00	24.85 0.93 0.00	27.98 1.08 0.00	35.70 1.80 0.00	43.51 2.69 0.00	36.04 2.07 0.00	31.70 1.71 0.00	31.03 1.73 0.00	29.93 1.75 0.00	29.64 1.76 0.00	29.39 1.77 0.00	29.85 1.77 0.00	31.99 1.81 0.00	38.97 2.62 0.00	49.98 3.70 0.00	44.17 3.00 0.00	38.42 2.58 0.00	36.33 2.19 0.00	33.73 1.88 0.00	31.51 1.70 0.00	30.57 1.40 0.00
PGE MADISON__WINDPWR 24146	30.37 2.40 0.00	27.96 2.17 0.00	26.03 1.86 0.00	25.63 1.81 0.00	25.86 1.94 0.00	29.38 2.47 0.00	37.58 3.66 -0.02	50.46 4.69 -4.96	37.70 3.06 -0.67	32.51 2.52 0.00	31.43 2.11 -0.01	29.96 1.78 0.00	29.50 1.62 0.00	29.20 1.57 0.00	29.71 1.63 0.00	32.19 1.99 -0.02	39.93 3.56 -0.02	54.03 5.09 -2.67	46.75 4.36 -1.23	39.62 3.76 -0.02	37.57 3.41 -0.02	34.73 2.87 -0.02	32.19 2.39 0.00	31.48 2.30 0.00
PIERCEFIELD__HYD 23852	28.13 0.17 0.00	25.94 0.15 0.00	24.36 0.19 0.00	23.94 0.12 0.00	23.94 0.02 0.00	26.69 -0.22 0.00	33.12 -0.78 0.00	39.55 -1.27 0.00	33.15 -0.82 0.00	29.27 -0.72 0.00	28.72 -0.59 0.00	27.54 -0.65 0.00	27.21 -0.67 0.00	26.90 -0.72 0.00	27.44 -0.65 0.00	29.49 -0.69 0.00	34.93 -1.42 0.00	43.96 -2.31 0.00	39.35 -1.81 0.00	34.23 -1.61 0.00	33.15 -0.99 0.00	31.24 -0.61 0.00	29.63 -0.18 0.00	28.97 -0.20 0.00
PINELAWN_CC_1 323563	29.89 1.93 0.00	27.52 1.73 0.00	26.05 1.84 -0.05	25.54 1.72 0.00	25.94 1.94 -0.08	29.72 2.15 -0.66	40.23 3.19 -3.14	48.01 4.24 -2.96	45.91 3.40 -8.55	37.35 3.03 -4.33	34.52 3.02 -2.20	35.03 2.93 -3.91	32.33 2.95 -1.49	30.50 2.87 0.00	32.96 2.92 -1.96	40.24 2.99 -7.07	49.22 3.78 -9.09	68.42 4.72 -17.43	60.79 3.91 -15.71	50.29 3.66 -10.79	46.33 3.25 -8.95	42.93 3.06 -8.02	34.30 2.86 -1.63	33.31 2.60 -1.55
PJM_GEN_HTP_PROXY 323702	29.11 1.15 0.00	26.82 1.03 0.00	25.16 0.99 0.00	24.85 1.02 0.00	24.95 1.03 0.00	28.03 1.13 0.00	35.87 1.97 0.00	43.75 2.94 0.00	36.28 2.31 0.00	31.94 1.95 0.00	31.27 1.96 0.00	30.16 1.97 0.00	29.89 2.01 0.00	29.64 2.02 0.00	30.11 2.02 0.00	32.55 2.05 -0.32	38.94 2.91 0.32	50.39 4.12 0.00	44.49 3.33 0.00	38.71 2.87 0.00	36.57 2.42 0.00	33.92 2.07 0.00	31.72 1.91 0.00	30.75 1.57 0.00

PJM_GEN_KEYSTONE 24065	27.74 -0.22 0.00	25.58 -0.21 0.00	23.93 -0.24 0.00	23.56 -0.26 0.00	23.66 -0.26 0.00	26.61 -0.30 0.00	33.70 -0.20 0.00	40.22 -0.20 0.40	33.51 -0.41 0.05	29.99 0.00 0.00	29.28 -0.03 0.00	28.16 -0.03 0.00	27.80 -0.08 0.00	27.54 -0.08 0.00	27.94 -0.14 0.00	30.29 -0.21 -0.32	36.00 -0.04 0.32	46.35 0.28 0.20	41.11 0.04 0.09	36.06 0.22 0.00	34.07 -0.07 0.00	31.78 -0.06 0.00	29.60 -0.21 0.00	29.00 -0.17 0.00
PJM_GEN_NEPTUNE_PROXY 323594	29.30 1.34 0.00	26.98 1.19 0.00	25.42 1.26 0.01	25.01 1.19 0.00	25.30 1.39 0.01	28.32 1.40 -0.02	36.23 2.24 -0.09	44.89 3.27 -0.81	36.77 2.55 -0.26	32.14 2.16 0.01	31.44 2.17 0.04	30.26 2.14 0.07	30.04 2.18 0.02	29.86 2.24 0.00	31.14 2.19 -0.87	34.71 2.29 -2.24	41.72 3.23 -2.13	58.76 4.30 -8.18	56.64 3.58 -11.90	41.29 3.26 -2.19	39.33 2.76 -2.42	36.45 2.42 -2.18	32.43 2.17 -0.45	31.41 1.84 -0.40
PJM_GEN_VFT_PROXY 323633	28.94 0.98 0.00	26.69 0.90 0.00	25.01 0.85 0.00	24.70 0.88 0.00	24.80 0.89 0.00	27.90 1.00 0.00	35.73 1.83 0.00	43.55 2.73 0.00	36.14 2.18 0.00	31.82 1.83 0.00	31.18 1.88 0.00	30.05 1.86 0.00	29.81 1.92 0.00	29.56 1.93 0.00	30.02 1.94 0.00	32.43 1.93 -0.32	38.79 2.76 0.32	50.21 3.93 0.00	44.33 3.17 0.00	38.56 2.72 0.00	36.46 2.32 0.00	33.79 1.94 0.00	31.63 1.82 0.00	30.63 1.46 0.00
PLATSBRG_115KV_PMLD1 355749	28.27 0.31 0.00	26.20 0.41 0.00	24.72 0.56 0.00	24.39 0.57 0.00	24.47 0.55 0.00	27.52 0.62 0.00	34.17 0.27 0.00	40.98 0.16 0.00	34.21 0.24 0.00	29.78 -0.21 0.00	29.10 -0.21 0.00	27.79 -0.39 0.00	27.24 -0.64 0.00	26.88 -0.75 0.00	27.47 -0.62 0.00	29.40 -0.78 0.00	35.15 -1.20 0.00	43.59 -2.68 0.00	39.56 -1.61 0.00	34.62 -1.22 0.00	33.19 -0.96 0.00	30.86 -0.99 0.00	29.51 -0.30 0.00	28.97 -0.20 0.00
PLEASANTVLY___LBMP 24000	28.94 0.98 0.00	26.67 0.88 0.00	25.01 0.85 0.00	24.70 0.88 0.00	24.80 0.88 0.00	27.90 1.00 0.00	35.53 1.63 0.00	43.22 2.41 0.00	35.84 1.87 0.00	31.52 1.53 0.00	30.86 1.55 0.00	29.74 1.59 0.00	29.47 1.60 0.00	29.22 1.60 0.00	29.68 1.63 0.00	31.81 1.63 0.00	38.68 2.33 0.00	49.61 3.33 0.00	43.88 2.72 0.00	38.13 2.29 0.00	36.05 1.91 0.00	33.50 1.66 0.00	31.33 1.52 0.00	30.46 1.28 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	29.14 1.17 0.00	26.82 1.03 0.00	25.16 0.99 0.00	24.87 1.05 0.00	24.95 1.03 0.00	28.06 1.16 0.00	35.80 1.90 0.00	43.63 2.82 0.00	36.18 2.21 0.00	31.85 1.86 0.00	31.18 1.88 0.00	30.05 1.86 0.00	29.78 1.90 0.00	29.53 1.91 0.00	29.99 1.91 0.00	32.11 1.93 0.00	39.11 2.76 0.00	50.16 3.89 0.00	44.37 3.21 0.00	38.56 2.72 0.00	36.39 2.25 0.00	33.82 1.97 0.00	31.63 1.82 0.00	30.69 1.52 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.14 1.17 0.00	26.82 1.03 0.00	25.16 0.99 0.00	24.87 1.05 0.00	24.95 1.03 0.00	28.06 1.16 0.00	35.80 1.90 0.00	43.63 2.82 0.00	36.18 2.21 0.00	31.85 1.86 0.00	31.18 1.88 0.00	30.05 1.86 0.00	29.78 1.90 0.00	29.53 1.91 0.00	29.99 1.91 0.00	32.11 1.93 0.00	39.11 2.76 0.00	50.16 3.89 0.00	44.37 3.21 0.00	38.56 2.72 0.00	36.39 2.25 0.00	33.82 1.97 0.00	31.63 1.82 0.00	30.69 1.52 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	29.22 1.26 0.00	26.92 1.13 0.00	25.23 1.06 0.00	24.92 1.10 0.00	25.00 1.08 0.00	28.14 1.24 0.00	35.80 1.90 0.00	43.47 2.65 0.00	36.01 2.04 0.00	31.64 1.65 0.00	30.92 1.61 0.00	29.82 1.63 0.00	29.53 1.65 0.00	29.28 1.66 0.00	29.77 1.68 0.00	31.90 1.72 0.00	38.93 2.58 0.00	49.93 3.66 0.00	44.17 3.00 0.00	38.42 2.58 0.00	36.29 2.15 0.00	33.73 1.88 0.00	31.51 1.70 0.00	30.60 1.43 0.00
POLETTI_____ 23519	29.11 1.15 0.00	26.80 1.01 0.00	25.11 0.94 0.00	24.85 1.02 0.00	24.90 0.98 0.00	28.01 1.10 0.00	35.83 1.93 0.00	43.67 2.86 0.00	36.21 2.24 0.00	31.91 1.92 0.00	31.27 1.96 0.00	30.13 1.94 0.00	29.89 2.01 0.00	29.64 2.02 0.00	30.11 2.02 0.00	32.20 2.02 0.00	39.22 2.87 0.00	50.35 4.07 0.00	44.45 3.29 0.00	38.64 2.80 0.00	36.46 2.32 0.00	33.89 2.04 0.00	31.69 1.88 0.00	30.72 1.55 0.00
POMONA___ESR 323819	29.00 1.04 0.00	26.72 0.93 0.00	25.06 0.89 0.00	24.75 0.93 0.00	24.85 0.93 0.00	27.95 1.05 0.00	35.66 1.76 0.00	43.46 2.65 0.00	36.01 2.04 0.00	31.64 1.65 0.00	31.01 1.70 0.00	29.88 1.69 0.00	29.61 1.73 0.00	29.34 1.71 0.00	29.80 1.71 0.00	31.93 1.75 0.00	38.89 2.54 0.00	49.89 3.61 0.00	44.13 2.97 0.00	38.39 2.54 0.00	36.26 2.12 0.00	33.66 1.81 0.00	31.48 1.67 0.00	30.55 1.37 0.00
PORT_JEFF_3 23555	29.97 2.01 0.00	27.59 1.80 0.00	26.20 1.98 -0.05	25.66 1.83 0.00	26.07 2.06 -0.09	29.63 2.04 -0.68	40.18 3.08 -3.19	48.07 4.28 -2.97	46.18 3.53 -8.68	37.67 3.03 -4.65	34.68 3.02 -2.36	35.31 2.93 -4.19	32.47 2.98 -1.60	30.55 2.93 0.00	32.90 2.84 -1.98	40.25 2.96 -7.10	49.65 4.21 -9.09	69.39 5.50 -17.61	59.86 4.77 -13.93	49.19 4.30 -9.05	46.90 3.79 -8.97	43.15 3.25 -8.05	34.31 2.86 -1.64	33.30 2.57 -1.56
PORT_JEFF_4 23616	29.97 2.01 0.00	27.59 1.80 0.00	26.20 1.98 -0.05	25.66 1.83 0.00	26.07 2.06 -0.09	29.63 2.04 -0.68	40.18 3.08 -3.19	48.07 4.28 -2.97	46.18 3.53 -8.68	37.67 3.03 -4.65	34.68 3.02 -2.36	35.31 2.93 -4.19	32.47 2.98 -1.60	30.55 2.93 0.00	32.90 2.84 -1.98	40.25 2.96 -7.10	49.65 4.21 -9.09	69.39 5.50 -17.61	59.86 4.77 -13.93	49.19 4.30 -9.05	46.90 3.79 -8.97	43.15 3.25 -8.05	34.31 2.86 -1.64	33.30 2.57 -1.56
PORT_JEFF_IC 23713	30.00 2.04 0.00	27.59 1.80 0.00	26.20 1.98 -0.05	25.68 1.86 0.00	26.09 2.08 -0.09	29.68 2.10 -0.68	40.23 3.15 -3.17	48.11 4.32 -2.97	46.19 3.60 -8.63	37.71 3.12 -4.60	34.74 3.10 -2.33	35.35 3.02 -4.15	32.53 3.07 -1.58	30.58 2.96 0.00	32.93 2.87 -1.98	40.25 2.96 -7.11	49.66 4.21 -9.09	69.30 5.41 -17.61	59.93 4.69 -14.08	49.32 4.30 -9.18	46.91 3.79 -8.98	43.15 3.25 -8.06	34.31 2.86 -1.64	33.33 2.60 -1.56
PPL PILGRIM_ST_GT1 24216	30.08 2.12 0.00	27.67 1.88 0.00	26.25 2.03 -0.05	25.70 1.88 0.00	26.13 2.13 -0.08	29.68 2.12 -0.65	40.18 3.19 -3.09	48.37 4.49 -3.06	45.91 3.53 -8.41	37.32 2.97 -4.36	34.47 2.96 -2.20	34.99 2.88 -3.92	32.30 2.93 -1.49	30.66 3.04 0.00	33.09 3.01 -2.00	40.71 3.20 -7.33	50.17 4.43 -9.39	70.01 5.92 -17.81	60.57 5.02 -14.38	50.46 4.55 -10.07	47.36 3.96 -9.26	43.66 3.50 -8.31	34.57 3.07 -1.69	33.45 2.68 -1.60
PPL PILGRIM_ST_GT2 24217	30.08 2.12 0.00	27.67 1.88 0.00	26.25 2.03 -0.05	25.70 1.88 0.00	26.13 2.13 -0.08	29.68 2.12 -0.65	40.18 3.19 -3.09	48.37 4.49 -3.06	45.91 3.53 -8.41	37.32 2.97 -4.36	34.47 2.96 -2.20	34.99 2.88 -3.92	32.30 2.93 -1.49	30.66 3.04 0.00	33.09 3.01 -2.00	40.71 3.20 -7.33	50.17 4.43 -9.39	70.01 5.92 -17.81	60.57 5.02 -14.38	50.46 4.55 -10.07	47.36 3.96 -9.26	43.66 3.50 -8.31	34.57 3.07 -1.69	33.45 2.68 -1.60

PPL_SHRM_GT3 24213	29.67 1.71 0.00	27.31 1.52 0.00	26.06 1.84 -0.05	25.51 1.69 0.00	25.92 1.91 -0.09	29.28 1.70 -0.68	39.90 2.81 -3.19	47.87 4.08 -2.97	46.37 3.74 -8.67	37.78 3.15 -4.64	34.79 3.14 -2.35	35.44 3.07 -4.18	32.60 3.12 -1.59	30.27 2.65 0.00	32.51 2.44 -1.98	39.91 2.62 -7.10	49.37 3.93 -9.09	69.07 5.18 -17.61	59.65 4.53 -13.96	49.11 4.19 -9.08	46.77 3.65 -8.97	43.06 3.15 -8.06	33.90 2.44 -1.64	33.04 2.30 -1.56
PPL_SHRM_GT4 24214	29.67 1.71 0.00	27.31 1.52 0.00	26.06 1.84 -0.05	25.51 1.69 0.00	25.92 1.91 -0.09	29.28 1.70 -0.68	39.90 2.81 -3.19	47.87 4.08 -2.97	46.37 3.74 -8.67	37.78 3.15 -4.64	34.79 3.14 -2.35	35.44 3.07 -4.18	32.60 3.12 -1.59	30.27 2.65 0.00	32.51 2.44 -1.98	39.91 2.62 -7.10	49.37 3.93 -9.09	69.07 5.18 -17.61	59.65 4.53 -13.96	49.11 4.19 -9.08	46.77 3.65 -8.97	43.06 3.15 -8.06	33.90 2.44 -1.64	33.04 2.30 -1.56
PROJECT___ORANGE 1 24174	27.63 -0.34 0.00	25.48 -0.31 0.00	23.81 -0.36 0.00	23.44 -0.38 0.00	23.54 -0.38 0.00	26.50 -0.40 0.00	33.40 -0.51 -0.01	41.46 -0.61 -1.26	33.39 -0.75 -0.17	29.42 -0.57 0.00	28.75 -0.56 0.00	27.59 -0.59 0.00	27.27 -0.61 0.00	27.01 -0.61 0.00	27.47 -0.62 0.00	29.55 -0.63 0.00	35.99 -0.36 -0.01	46.86 -0.23 -0.82	41.21 -0.33 -0.38	35.60 -0.25 -0.01	33.74 -0.41 -0.01	31.38 -0.48 -0.01	29.27 -0.54 0.00	28.82 -0.35 0.00
PROJECT___ORANGE 2 24166	27.63 -0.34 0.00	25.48 -0.31 0.00	23.81 -0.36 0.00	23.44 -0.38 0.00	23.54 -0.38 0.00	26.50 -0.40 0.00	33.40 -0.51 -0.01	41.46 -0.61 -1.26	33.39 -0.75 -0.17	29.42 -0.57 0.00	28.75 -0.56 0.00	27.59 -0.59 0.00	27.27 -0.61 0.00	27.01 -0.61 0.00	27.47 -0.62 0.00	29.55 -0.63 0.00	35.99 -0.36 -0.01	46.86 -0.23 -0.82	41.21 -0.33 -0.38	35.60 -0.25 -0.01	33.74 -0.41 -0.01	31.38 -0.48 -0.01	29.27 -0.54 0.00	28.82 -0.35 0.00
PUCKETT___SOLAR 323809	28.69 0.73 0.00	26.43 0.65 0.00	24.68 0.51 0.00	24.32 0.50 0.00	24.44 0.53 0.00	27.60 0.70 0.00	35.03 1.12 -0.02	46.23 1.43 -3.99	35.25 0.75 -0.54	30.71 0.72 0.00	29.84 0.53 -0.01	28.58 0.39 0.00	28.22 0.34 0.00	27.96 0.33 0.00	28.45 0.36 0.00	30.74 0.54 -0.01	37.56 1.20 -0.02	50.33 1.90 -2.15	43.72 1.56 -0.99	37.25 1.40 -0.02	35.32 1.16 -0.02	32.85 0.99 -0.02	30.52 0.71 0.00	29.90 0.73 0.00
PYRITES___HYD 24023	28.74 0.78 0.00	26.51 0.72 0.00	24.85 0.68 0.00	24.47 0.64 0.00	24.52 0.60 0.00	27.47 0.56 0.00	34.17 0.27 0.00	40.77 -0.04 0.00	34.14 0.17 0.00	30.14 0.15 0.00	29.51 0.21 0.00	28.27 0.08 0.00	27.91 0.03 0.00	27.62 0.00 0.00	28.17 0.08 0.00	30.27 0.09 0.00	36.02 -0.33 0.00	45.44 -0.83 0.00	40.67 -0.49 0.00	35.37 -0.47 0.00	34.18 0.03 0.00	32.10 0.25 0.00	30.37 0.57 0.00	29.64 0.47 0.00
QUAKERRD_115KV_BK1 80622	26.28 -1.68 0.00	24.22 -1.57 0.00	22.62 -1.55 0.00	22.23 -1.60 0.00	22.34 -1.58 0.00	25.13 -1.78 0.00	31.83 -2.03 0.04	28.07 -2.24 10.50	30.35 -2.21 1.42	28.13 -1.86 0.00	27.29 -1.99 0.02	26.21 -1.97 0.00	25.82 -2.06 0.00	25.58 -2.04 0.00	25.98 -2.11 0.00	28.03 -2.11 0.04	34.31 -2.00 0.04	38.73 -2.22 5.33	36.61 -2.10 2.45	34.08 -1.72 0.04	32.23 -1.88 0.04	29.81 -2.01 0.04	27.66 -2.15 0.00	27.34 -1.84 0.00
QUENSBRY_115KV_TB8 356137	29.61 1.65 0.00	27.26 1.47 0.00	25.52 1.35 0.00	25.16 1.33 0.00	25.33 1.41 0.00	27.95 1.05 0.00	35.63 1.73 0.00	43.14 2.33 0.00	35.70 1.73 0.00	31.07 1.08 0.00	30.33 1.03 0.00	29.14 0.96 0.00	28.80 0.92 0.00	28.56 0.94 0.00	29.09 1.01 0.00	31.60 1.42 0.00	38.35 2.00 0.00	49.10 2.82 0.00	43.51 2.35 0.00	37.78 1.94 0.00	35.85 1.71 0.00	33.22 1.37 0.00	30.88 1.07 0.00	30.08 0.90 0.00
RAMAPO___LBMP 323565	28.94 0.98 0.00	26.64 0.85 0.00	24.99 0.82 0.00	24.70 0.88 0.00	24.78 0.86 0.00	27.90 1.00 0.00	35.53 1.63 0.00	43.30 2.49 0.00	35.87 1.90 0.00	31.55 1.56 0.00	30.92 1.61 0.00	29.79 1.61 0.00	29.53 1.65 0.00	29.25 1.63 0.00	29.71 1.63 0.00	31.81 1.63 0.00	38.75 2.40 0.00	49.75 3.47 0.00	43.96 2.80 0.00	38.21 2.37 0.00	36.09 1.95 0.00	33.54 1.69 0.00	31.39 1.58 0.00	30.46 1.28 0.00
RANKINE____ 23646	26.12 -1.85 0.00	24.09 -1.70 0.00	22.43 -1.74 0.00	21.94 -1.88 0.00	22.03 -1.89 0.00	24.78 -2.13 0.00	31.04 -2.85 0.01	30.65 -3.96 6.20	29.44 -3.70 0.83	27.74 -2.25 0.00	26.84 -2.46 0.01	25.68 -2.51 0.00	25.21 -2.68 0.00	24.94 -2.68 0.00	25.33 -2.75 0.00	27.36 -2.81 0.01	33.03 -3.31 0.01	38.99 -4.21 3.07	35.96 -3.79 1.41	33.32 -2.51 0.01	31.16 -2.97 0.01	29.26 -2.58 0.01	27.06 -2.74 0.00	27.02 -2.16 0.00
RAVENSWOOD_GT2_1 24244	29.16 1.20 0.00	26.85 1.06 0.00	25.18 1.02 0.00	24.89 1.07 0.00	24.97 1.05 0.00	28.06 1.16 0.00	35.87 1.97 0.00	43.71 2.90 0.00	36.28 2.31 0.00	31.97 1.98 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.92 2.04 0.00	29.67 2.04 0.00	30.13 2.05 0.00	32.23 2.05 0.00	39.26 2.91 0.00	50.39 4.12 0.00	44.54 3.38 0.00	38.71 2.87 0.00	36.50 2.36 0.00	33.92 2.07 0.00	31.74 1.94 0.00	30.81 1.63 0.00
RAVENSWOOD_GT2_2 24245	29.16 1.20 0.00	26.85 1.06 0.00	25.18 1.02 0.00	24.89 1.07 0.00	24.97 1.05 0.00	28.06 1.16 0.00	35.87 1.97 0.00	43.71 2.90 0.00	36.28 2.31 0.00	31.97 1.98 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.92 2.04 0.00	29.67 2.04 0.00	30.13 2.05 0.00	32.23 2.05 0.00	39.26 2.91 0.00	50.39 4.12 0.00	44.54 3.38 0.00	38.71 2.87 0.00	36.50 2.36 0.00	33.92 2.07 0.00	31.74 1.94 0.00	30.81 1.63 0.00
RAVENSWOOD_GT2_3 24246	29.19 1.23 0.00	26.85 1.06 0.00	25.18 1.02 0.00	24.89 1.07 0.00	24.97 1.05 0.00	28.06 1.16 0.00	35.90 2.00 0.00	43.75 2.94 0.00	36.28 2.31 0.00	31.97 1.98 0.00	31.30 1.99 0.00	30.19 2.00 0.00	29.92 2.04 0.00	29.67 2.04 0.00	30.13 2.05 0.00	32.23 2.05 0.00	39.29 2.94 0.00	50.39 4.12 0.00	44.54 3.38 0.00	38.71 2.87 0.00	36.53 2.39 0.00	33.95 2.10 0.00	31.74 1.94 0.00	30.81 1.63 0.00
RAVENSWOOD_GT2_4 24247	29.19 1.23 0.00	26.85 1.06 0.00	25.18 1.02 0.00	24.89 1.07 0.00	24.97 1.05 0.00	28.06 1.16 0.00	35.90 2.00 0.00	43.75 2.94 0.00	36.28 2.31 0.00	31.97 1.98 0.00	31.30 1.99 0.00	30.19 2.00 0.00	29.92 2.04 0.00	29.67 2.04 0.00	30.13 2.05 0.00	32.23 2.05 0.00	39.29 2.94 0.00	50.39 4.12 0.00	44.54 3.38 0.00	38.71 2.87 0.00	36.53 2.39 0.00	33.95 2.10 0.00	31.74 1.94 0.00	30.81 1.63 0.00
RAVENSWOOD_GT3_1 24248	29.16 1.20 0.00	26.85 1.06 0.00	25.18 1.02 0.00	24.89 1.07 0.00	24.97 1.05 0.00	28.06 1.16 0.00	35.87 1.97 0.00	43.71 2.90 0.00	36.28 2.31 0.00	31.97 1.98 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.92 2.04 0.00	29.67 2.04 0.00	30.13 2.05 0.00	32.23 2.05 0.00	39.26 2.91 0.00	50.39 4.12 0.00	44.54 3.38 0.00	38.71 2.87 0.00	36.50 2.36 0.00	33.92 2.07 0.00	31.74 1.94 0.00	30.81 1.63 0.00



RAVENSWOOD_GT3_2 24249	29.16 1.20 0.00	26.85 1.06 0.00	25.18 1.02 0.00	24.89 1.07 0.00	24.97 1.05 0.00	28.06 1.16 0.00	35.87 1.97 0.00	43.71 2.90 0.00	36.28 2.31 0.00	31.97 1.98 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.92 2.04 0.00	29.67 2.04 0.00	30.13 2.05 0.00	32.23 2.05 0.00	39.26 2.91 0.00	50.39 4.12 0.00	44.54 3.38 0.00	38.71 2.87 0.00	36.50 2.36 0.00	33.92 2.07 0.00	31.74 1.94 0.00	30.81 1.63 0.00
RAVENSWOOD_GT3_3 24250	29.19 1.23 0.00	26.87 1.08 0.00	25.21 1.04 0.00	24.92 1.10 0.00	25.00 1.08 0.00	28.09 1.18 0.00	35.94 2.03 0.00	43.79 2.98 0.00	36.31 2.34 0.00	32.00 2.01 0.00	31.33 2.02 0.00	30.22 2.03 0.00	29.95 2.06 0.00	29.69 2.07 0.00	30.16 2.08 0.00	32.26 2.08 0.00	39.33 2.98 0.00	50.44 4.16 0.00	44.58 3.42 0.00	38.74 2.90 0.00	36.53 2.39 0.00	33.95 2.10 0.00	31.77 1.97 0.00	30.84 1.66 0.00
RAVENSWOOD_GT3_4 24251	29.19 1.23 0.00	26.87 1.08 0.00	25.21 1.04 0.00	24.92 1.10 0.00	25.00 1.08 0.00	28.09 1.18 0.00	35.94 2.03 0.00	43.79 2.98 0.00	36.31 2.34 0.00	32.00 2.01 0.00	31.33 2.02 0.00	30.22 2.03 0.00	29.95 2.06 0.00	29.69 2.07 0.00	30.16 2.08 0.00	32.26 2.08 0.00	39.33 2.98 0.00	50.44 4.16 0.00	44.58 3.42 0.00	38.74 2.90 0.00	36.53 2.39 0.00	33.95 2.10 0.00	31.77 1.97 0.00	30.84 1.66 0.00
RAVENSWOOD_GT_1 23729	29.27 1.31 0.00	26.95 1.16 0.00	25.26 1.09 0.00	24.97 1.14 0.00	25.04 1.12 0.00	28.09 1.18 0.00	35.90 2.00 0.00	43.71 2.90 0.00	36.31 2.34 0.00	32.00 2.01 0.00	31.33 2.02 0.00	30.22 2.03 0.00	29.97 2.09 0.00	29.72 2.10 0.00	30.19 2.11 0.00	32.29 2.11 0.00	39.37 3.02 0.00	50.39 4.12 0.00	44.54 3.38 0.00	38.78 2.94 0.00	36.53 2.39 0.00	34.01 2.17 0.00	31.92 2.12 0.00	30.96 1.78 -0.01
RAVENSWOOD_GT_10 24258	29.16 1.20 0.00	26.85 1.06 0.00	25.18 1.02 0.00	24.89 1.07 0.00	24.97 1.05 0.00	28.06 1.16 0.00	35.87 1.97 0.00	43.71 2.90 0.00	36.28 2.31 0.00	31.97 1.98 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.92 2.04 0.00	29.67 2.04 0.00	30.13 2.05 0.00	32.23 2.05 0.00	39.26 2.91 0.00	50.39 4.12 0.00	44.54 3.38 0.00	38.71 2.87 0.00	36.50 2.36 0.00	33.92 2.07 0.00	31.74 1.94 0.00	30.78 1.60 0.00
RAVENSWOOD_GT_11 24259	29.16 1.20 0.00	26.85 1.06 0.00	25.18 1.02 0.00	24.89 1.07 0.00	24.97 1.05 0.00	28.06 1.16 0.00	35.87 1.97 0.00	43.71 2.90 0.00	36.28 2.31 0.00	31.97 1.98 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.92 2.04 0.00	29.67 2.04 0.00	30.13 2.05 0.00	32.23 2.05 0.00	39.26 2.91 0.00	50.39 4.12 0.00	44.54 3.38 0.00	38.71 2.87 0.00	36.50 2.36 0.00	33.92 2.07 0.00	31.74 1.94 0.00	30.78 1.60 0.00
RAVENSWOOD_GT_4 24252	29.16 1.20 0.00	26.85 1.06 0.00	25.16 0.99 0.00	24.87 1.05 0.00	24.95 1.03 0.00	28.06 1.16 0.00	35.90 2.00 0.00	43.75 2.94 0.00	36.28 2.31 0.00	31.97 1.98 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.92 2.04 0.00	29.64 2.02 0.00	30.13 2.05 0.00	32.23 2.05 0.00	39.26 2.91 0.00	50.39 4.12 0.00	44.54 3.38 0.00	38.71 2.87 0.00	36.50 2.36 0.00	33.92 2.07 0.00	31.71 1.91 0.00	30.77 1.60 0.00
RAVENSWOOD_GT_5 24254	29.16 1.20 0.00	26.85 1.06 0.00	25.16 0.99 0.00	24.87 1.05 0.00	24.95 1.03 0.00	28.06 1.16 0.00	35.90 2.00 0.00	43.75 2.94 0.00	36.28 2.31 0.00	31.97 1.98 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.92 2.04 0.00	29.64 2.02 0.00	30.13 2.05 0.00	32.23 2.05 0.00	39.26 2.91 0.00	50.39 4.12 0.00	44.54 3.38 0.00	38.71 2.87 0.00	36.50 2.36 0.00	33.92 2.07 0.00	31.71 1.91 0.00	30.77 1.60 0.00
RAVENSWOOD_GT_6 24253	29.16 1.20 0.00	26.85 1.06 0.00	25.16 0.99 0.00	24.87 1.05 0.00	24.95 1.03 0.00	28.06 1.16 0.00	35.90 2.00 0.00	43.75 2.94 0.00	36.28 2.31 0.00	31.97 1.98 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.92 2.04 0.00	29.64 2.02 0.00	30.13 2.05 0.00	32.23 2.05 0.00	39.26 2.91 0.00	50.39 4.12 0.00	44.54 3.38 0.00	38.71 2.87 0.00	36.50 2.36 0.00	33.92 2.07 0.00	31.71 1.91 0.00	30.77 1.60 0.00
RAVENSWOOD_GT_7 24255	29.16 1.20 0.00	26.85 1.06 0.00	25.16 0.99 0.00	24.87 1.05 0.00	24.95 1.03 0.00	28.06 1.16 0.00	35.90 2.00 0.00	43.75 2.94 0.00	36.28 2.31 0.00	31.97 1.98 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.92 2.04 0.00	29.64 2.02 0.00	30.13 2.05 0.00	32.23 2.05 0.00	39.26 2.91 0.00	50.39 4.12 0.00	44.54 3.38 0.00	38.71 2.87 0.00	36.50 2.36 0.00	33.92 2.07 0.00	31.71 1.91 0.00	30.77 1.60 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	29.16 1.20 0.00	26.85 1.06 0.00	25.18 1.02 0.00	24.89 1.07 0.00	24.97 1.05 0.00	28.06 1.16 0.00	35.87 1.97 0.00	43.71 2.90 0.00	36.28 2.31 0.00	31.97 1.98 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.92 2.04 0.00	29.67 2.04 0.00	30.13 2.05 0.00	32.23 2.05 0.00	39.26 2.91 0.00	50.39 4.12 0.00	44.54 3.38 0.00	38.71 2.87 0.00	36.50 2.36 0.00	33.92 2.07 0.00	31.74 1.94 0.00	30.78 1.60 0.00
RAVENSWOOD_GT_9 24257	29.16 1.20 0.00	26.85 1.06 0.00	25.18 1.02 0.00	24.89 1.07 0.00	24.97 1.05 0.00	28.06 1.16 0.00	35.87 1.97 0.00	43.71 2.90 0.00	36.28 2.31 0.00	31.97 1.98 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.92 2.04 0.00	29.67 2.04 0.00	30.13 2.05 0.00	32.23 2.05 0.00	39.26 2.91 0.00	50.39 4.12 0.00	44.54 3.38 0.00	38.71 2.87 0.00	36.50 2.36 0.00	33.92 2.07 0.00	31.74 1.94 0.00	30.78 1.60 0.00
RAVENSWOOD___1 23533	29.22 1.26 0.00	26.92 1.13 0.00	25.26 1.09 0.00	24.92 1.10 0.00	25.02 1.10 0.00	28.06 1.16 0.00	35.90 2.00 0.00	43.71 2.90 0.00	36.31 2.34 0.00	32.00 2.01 0.00	31.33 2.02 0.00	30.19 2.00 0.00	29.98 2.09 0.00	29.72 2.10 0.00	30.19 2.11 0.00	32.29 2.11 0.00	39.33 2.98 0.00	50.39 4.12 0.00	44.49 3.33 0.00	38.78 2.94 0.00	36.60 2.46 0.00	33.98 2.13 0.00	31.89 2.09 0.00	30.96 1.78 -0.01
RAVENSWOOD___2 23534	29.19 1.23 0.00	26.90 1.11 0.00	25.23 1.06 0.00	24.92 1.10 0.00	25.02 1.10 0.00	28.06 1.16 0.00	35.87 1.97 0.00	43.71 2.90 0.00	36.28 2.31 0.00	31.97 1.98 0.00	31.30 1.99 0.00	30.19 2.00 0.00	29.95 2.06 0.00	29.70 2.07 0.00	30.16 2.08 0.00	32.26 2.08 0.00	39.33 2.98 0.00	50.35 4.07 0.00	44.49 3.33 0.00	38.74 2.90 0.00	36.57 2.42 0.00	33.98 2.13 0.00	31.89 2.09 0.00	30.93 1.75 -0.01
RAVENSWOOD___3 23535	29.13 1.17 0.00	26.85 1.06 0.00	25.18 1.01 0.00	24.87 1.05 0.00	24.97 1.05 0.00	28.06 1.16 0.00	35.90 2.00 0.00	43.75 2.94 0.00	36.31 2.34 0.00	31.97 1.98 0.00	31.30 1.99 0.00	30.16 1.97 0.00	29.92 2.03 0.00	29.67 2.04 0.00	30.13 2.05 0.00	32.23 2.05 0.00	39.29 2.94 0.00	50.39 4.12 0.00	44.54 3.38 0.00	38.74 2.90 0.00	36.57 2.42 0.00	33.95 2.10 0.00	31.77 1.97 0.00	30.81 1.63 0.00

RAVENSWOOD___4 23820	29.19 1.23 0.00	26.90 1.11 0.00	25.23 1.06 0.00	24.92 1.10 0.00	25.02 1.10 0.00	28.03 1.13 0.00	35.87 1.97 0.00	43.67 2.86 0.00	36.28 2.31 0.00	31.97 1.98 0.00	31.30 1.99 0.00	30.19 2.00 0.00	29.95 2.06 0.00	29.70 2.07 0.00	30.16 2.08 0.00	32.26 2.08 0.00	39.33 2.98 0.00	50.35 4.07 0.00	44.46 3.29 0.00	38.74 2.90 0.00	36.57 2.42 0.00	33.95 2.10 0.00	31.89 2.09 0.00	30.93 1.75 -0.01
RCPI_TRUST___DRP 24196	29.16 1.20 0.00	26.85 1.06 0.00	25.18 1.02 0.00	24.89 1.07 0.00	24.97 1.05 0.00	28.06 1.16 0.00	35.90 2.00 0.00	43.79 2.98 0.00	36.31 2.34 0.00	32.00 2.01 0.00	31.33 2.02 0.00	30.19 2.00 0.00	29.95 2.06 0.00	29.69 2.07 0.00	30.16 2.08 0.00	32.23 2.05 0.00	39.29 2.94 0.00	50.44 4.16 0.00	44.58 3.42 0.00	38.71 2.87 0.00	36.53 2.39 0.00	33.92 2.07 0.00	31.71 1.91 0.00	30.75 1.58 0.00
RED___ROCHESTER 323720	26.90 -1.06 0.00	24.71 -1.08 0.00	23.06 -1.11 0.00	22.63 -1.19 0.00	22.75 -1.17 0.00	25.59 -1.32 0.00	32.42 -1.46 0.02	32.92 -1.43 6.46	31.54 -1.56 0.87	28.73 -1.26 0.00	27.86 -1.44 0.01	26.72 -1.47 0.00	26.30 -1.59 0.00	26.05 -1.57 0.00	26.45 -1.63 0.00	28.56 -1.60 0.02	34.95 -1.38 0.02	41.76 -1.30 3.22	38.40 -1.28 1.48	34.78 -1.04 0.02	32.92 -1.20 0.02	30.39 -1.43 0.02	28.14 -1.67 0.00	27.86 -1.31 0.00
REGAN___SOLAR 323812	30.56 2.60 0.00	28.16 2.37 0.00	26.30 2.13 0.00	25.89 2.07 0.00	26.17 2.25 0.00	29.67 2.77 0.00	38.00 4.10 0.00	45.96 5.14 0.00	37.61 3.64 0.00	32.45 2.46 0.00	31.62 2.31 0.00	30.02 1.83 0.00	29.81 1.92 0.00	29.70 2.07 0.00	30.41 2.33 0.00	33.29 3.11 0.00	40.71 4.36 0.00	52.25 5.97 0.00	46.27 5.10 0.00	40.18 4.33 0.00	38.17 4.03 0.00	35.10 3.25 0.00	32.58 2.77 0.00	31.68 2.51 0.00
RENSSELAER___COGEN 23796	28.24 0.28 0.00	26.05 0.26 0.00	24.48 0.31 0.00	24.18 0.36 0.00	24.28 0.36 0.00	27.28 0.38 0.00	34.58 0.68 0.00	41.83 1.02 0.00	34.72 0.75 0.00	30.47 0.48 0.00	29.80 0.50 0.00	28.69 0.51 0.00	28.41 0.53 0.00	28.17 0.55 0.00	28.67 0.59 0.00	30.88 0.69 0.00	37.37 1.02 0.00	47.80 1.52 0.00	42.40 1.23 0.00	36.88 1.04 0.00	34.96 0.82 0.00	32.55 0.70 0.00	30.37 0.56 0.00	29.58 0.41 0.00
REPUBLIC_115KV_BARTNBRK 55605	30.76 2.80 0.00	28.29 2.50 0.00	26.46 2.30 0.00	26.04 2.22 0.00	26.26 2.34 0.00	29.16 2.26 0.00	37.33 3.42 0.00	45.26 4.45 0.00	37.37 3.40 0.00	32.24 2.25 0.00	31.45 2.14 0.00	30.16 1.97 0.00	29.72 1.84 0.00	29.47 1.85 0.00	30.11 2.02 0.00	32.96 2.78 0.00	40.09 3.74 0.00	51.41 5.14 0.00	45.48 4.32 0.00	39.50 3.66 0.00	37.45 3.31 0.00	34.52 2.68 0.00	32.01 2.21 0.00	31.16 1.98 0.00
REVERE_CPPR_DRP 24186	28.94 0.98 0.00	26.69 0.90 0.00	24.92 0.75 0.00	24.49 0.67 0.00	24.64 0.72 0.00	27.87 0.97 0.00	35.29 1.39 0.00	42.73 1.92 0.00	35.23 1.26 0.00	31.01 1.02 0.00	30.21 0.91 0.00	28.98 0.79 0.00	28.64 0.75 0.00	28.37 0.75 0.00	28.87 0.79 0.00	31.12 0.94 0.00	37.99 1.64 0.00	48.54 2.27 0.00	43.10 1.93 0.00	37.49 1.65 0.00	35.61 1.47 0.00	33.06 1.21 0.00	30.79 0.98 0.00	30.11 0.93 0.00
REYNOLDS_115KV_TB3 80639	28.46 0.50 0.00	26.25 0.46 0.00	24.68 0.51 0.00	24.35 0.52 0.00	24.45 0.53 0.00	27.49 0.59 0.00	34.85 0.95 0.00	42.16 1.35 0.00	34.99 1.02 0.00	30.74 0.75 0.00	30.07 0.76 0.00	28.95 0.76 0.00	28.69 0.81 0.00	28.42 0.80 0.00	28.93 0.84 0.00	31.15 0.97 0.00	37.66 1.31 0.00	48.17 1.90 0.00	42.73 1.56 0.00	37.13 1.29 0.00	35.20 1.06 0.00	32.80 0.96 0.00	30.61 0.80 0.00	29.82 0.64 0.00
RIVERBAY____ 323610	29.72 1.76 0.00	27.34 1.55 0.00	25.64 1.47 0.00	25.32 1.50 0.00	25.43 1.51 0.00	28.36 1.45 0.00	36.14 2.24 0.00	43.96 3.14 0.00	36.52 2.55 0.00	32.21 2.22 0.00	31.50 2.20 0.00	30.36 2.17 0.00	30.14 2.26 0.00	29.89 2.27 0.00	30.36 2.27 0.00	32.42 2.23 0.00	39.55 3.20 0.00	50.67 4.40 0.00	44.74 3.58 0.00	38.99 3.15 0.00	36.70 2.56 0.00	34.27 2.42 0.00	32.31 2.50 0.00	31.46 2.28 -0.01
RIVERSDE_115KV_TB3 55908	28.38 0.42 0.00	26.18 0.39 0.00	24.60 0.44 0.00	24.28 0.45 0.00	24.37 0.45 0.00	27.41 0.51 0.00	34.75 0.85 0.00	42.04 1.22 0.00	34.89 0.92 0.00	30.65 0.66 0.00	29.98 0.67 0.00	28.86 0.68 0.00	28.58 0.70 0.00	28.31 0.69 0.00	28.81 0.73 0.00	31.03 0.85 0.00	37.55 1.20 0.00	48.03 1.76 0.00	42.60 1.44 0.00	37.02 1.18 0.00	35.10 0.96 0.00	32.68 0.83 0.00	30.52 0.72 0.00	29.73 0.55 0.00
ROARING___BROOK_WT_PWR 323790	27.77 -0.19 0.00	25.66 -0.13 0.00	24.10 -0.07 0.00	23.75 -0.07 0.00	23.80 -0.12 0.00	26.66 -0.24 0.00	33.39 -0.51 0.00	39.95 -0.86 0.00	33.32 -0.65 0.00	29.39 -0.60 0.00	28.72 -0.59 0.00	27.59 -0.59 0.00	27.30 -0.59 0.00	27.01 -0.61 0.00	27.47 -0.62 0.00	29.49 -0.69 0.00	35.33 -1.02 0.00	44.79 -1.48 0.00	39.97 -1.20 0.00	34.80 -1.04 0.00	33.25 -0.89 0.00	31.12 -0.73 0.00	29.24 -0.57 0.00	28.62 -0.56 0.00
ROCHESRG_115KV_T4 355643	26.53 -1.43 0.00	24.47 -1.32 0.00	22.84 -1.33 0.00	22.42 -1.41 0.00	22.53 -1.39 0.00	25.34 -1.56 0.00	32.08 -1.80 0.02	32.55 -1.92 6.35	31.14 -1.97 0.86	28.37 -1.62 0.00	27.54 -1.76 0.01	26.44 -1.75 0.00	26.02 -1.87 0.00	25.77 -1.85 0.00	26.17 -1.91 0.00	28.26 -1.90 0.02	34.58 -1.74 0.02	41.22 -1.90 3.16	37.90 -1.81 1.45	34.42 -1.40 0.02	32.52 -1.60 0.02	30.08 -1.75 0.02	27.87 -1.94 0.00	27.60 -1.58 0.00
ROCHESTER_9_IC 23652	26.70 -1.26 0.00	24.60 -1.19 0.00	22.96 -1.21 0.00	22.54 -1.29 0.00	22.65 -1.27 0.00	25.48 -1.43 0.00	32.29 -1.59 0.02	32.68 -1.67 6.46	31.33 -1.77 0.87	28.58 -1.41 0.00	27.71 -1.58 0.01	26.61 -1.58 0.00	26.18 -1.70 0.00	25.91 -1.71 0.00	26.34 -1.74 0.00	28.44 -1.72 0.02	34.84 -1.49 0.02	41.49 -1.57 3.22	38.16 -1.52 1.48	34.67 -1.15 0.02	32.72 -1.40 0.02	30.27 -1.56 0.02	28.02 -1.79 0.00	27.74 -1.43 0.00
ROCKVIEW_13_KV_LD 356306	29.22 1.26 0.00	26.90 1.11 0.00	25.23 1.06 0.00	24.92 1.10 0.00	25.02 1.10 0.00	28.14 1.24 0.00	35.97 2.07 0.00	43.83 3.02 0.00	36.35 2.38 0.00	32.00 2.01 0.00	31.36 2.05 0.00	30.22 2.03 0.00	29.95 2.06 0.00	29.69 2.07 0.00	30.16 2.08 0.00	32.29 2.11 0.00	39.33 2.98 0.00	50.49 4.21 0.00	44.62 3.46 0.00	38.78 2.94 0.00	36.60 2.46 0.00	33.98 2.13 0.00	31.77 1.97 0.00	30.81 1.63 0.00
ROME____115KV_TB2 80656	28.94 0.98 0.00	26.69 0.90 0.00	24.92 0.75 0.00	24.49 0.67 0.00	24.64 0.72 0.00	27.87 0.97 0.00	35.29 1.39 0.00	42.73 1.92 0.00	35.23 1.26 0.00	31.01 1.02 0.00	30.21 0.91 0.00	28.98 0.79 0.00	28.64 0.75 0.00	28.37 0.75 0.00	28.87 0.79 0.00	31.12 0.94 0.00	37.99 1.64 0.00	48.54 2.27 0.00	43.10 1.93 0.00	37.49 1.65 0.00	35.61 1.47 0.00	33.06 1.21 0.00	30.79 0.98 0.00	30.11 0.93 0.00

ROSETON___1 23587	28.91 0.95 0.00	26.64 0.85 0.00	24.99 0.82 0.00	24.68 0.86 0.00	24.78 0.86 0.00	27.87 0.97 0.00	35.50 1.59 0.00	43.22 2.41 0.00	35.84 1.87 0.00	31.49 1.50 0.00	30.83 1.52 0.00	29.74 1.55 0.00	29.47 1.59 0.00	29.20 1.57 0.00	29.65 1.57 0.00	31.78 1.60 0.00	38.68 2.33 0.00	49.56 3.29 0.00	43.88 2.72 0.00	38.17 2.33 0.00	36.09 1.95 0.00	33.50 1.66 0.00	31.36 1.55 0.00	30.46 1.28 0.00
ROSETON___2 23588	28.91 0.95 0.00	26.64 0.85 0.00	24.99 0.82 0.00	24.68 0.86 0.00	24.78 0.86 0.00	27.87 0.97 0.00	35.50 1.59 0.00	43.22 2.41 0.00	35.84 1.87 0.00	31.49 1.50 0.00	30.83 1.52 0.00	29.74 1.55 0.00	29.47 1.59 0.00	29.20 1.57 0.00	29.65 1.57 0.00	31.78 1.60 0.00	38.68 2.33 0.00	49.56 3.29 0.00	43.88 2.72 0.00	38.17 2.33 0.00	36.09 1.95 0.00	33.50 1.66 0.00	31.36 1.55 0.00	30.46 1.28 0.00
ROTTTRDAM_115KV_TB3 80664	28.69 0.73 0.00	26.46 0.67 0.00	24.80 0.63 0.00	24.47 0.64 0.00	24.56 0.65 0.00	27.60 0.70 0.00	34.99 1.08 0.00	42.36 1.55 0.00	35.12 1.15 0.00	30.86 0.87 0.00	30.16 0.85 0.00	29.00 0.82 0.00	28.72 0.84 0.00	28.48 0.86 0.00	28.95 0.87 0.00	31.18 1.00 0.00	37.73 1.38 0.00	48.22 1.94 0.00	42.81 1.65 0.00	37.24 1.40 0.00	35.30 1.16 0.00	32.87 1.02 0.00	30.67 0.86 0.00	29.93 0.76 0.00
RUSSELL___1 23602	26.81 -1.15 0.00	24.71 -1.08 0.00	23.06 -1.11 0.00	22.61 -1.21 0.00	22.75 -1.17 0.00	25.58 -1.32 0.00	32.42 -1.46 0.02	32.88 -1.47 6.46	31.50 -1.60 0.87	28.73 -1.26 0.00	27.86 -1.44 0.01	26.72 -1.47 0.00	26.29 -1.59 0.00	26.05 -1.57 0.00	26.45 -1.63 0.00	28.59 -1.57 0.02	35.02 -1.31 0.02	41.76 -1.30 3.22	38.40 -1.28 1.48	34.85 -0.97 0.02	32.89 -1.23 0.02	30.43 -1.40 0.02	28.17 -1.64 0.00	27.86 -1.31 0.00
RUSSELL___2 23532	26.81 -1.15 0.00	24.71 -1.08 0.00	23.06 -1.11 0.00	22.61 -1.21 0.00	22.75 -1.17 0.00	25.58 -1.32 0.00	32.42 -1.46 0.02	32.88 -1.47 6.46	31.50 -1.60 0.87	28.73 -1.26 0.00	27.86 -1.44 0.01	26.72 -1.47 0.00	26.29 -1.59 0.00	26.05 -1.57 0.00	26.45 -1.63 0.00	28.59 -1.57 0.02	35.02 -1.31 0.02	41.76 -1.30 3.22	38.40 -1.28 1.48	34.85 -0.97 0.02	32.89 -1.23 0.02	30.43 -1.40 0.02	28.17 -1.64 0.00	27.86 -1.31 0.00
RUSSELL___3 23549	26.81 -1.15 0.00	24.71 -1.08 0.00	23.06 -1.11 0.00	22.61 -1.21 0.00	22.75 -1.17 0.00	25.58 -1.32 0.00	32.42 -1.46 0.02	32.88 -1.47 6.46	31.50 -1.60 0.87	28.73 -1.26 0.00	27.86 -1.44 0.01	26.72 -1.47 0.00	26.29 -1.59 0.00	26.05 -1.57 0.00	26.45 -1.63 0.00	28.59 -1.57 0.02	35.02 -1.31 0.02	41.76 -1.30 3.22	38.40 -1.28 1.48	34.85 -0.97 0.02	32.89 -1.23 0.02	30.43 -1.40 0.02	28.17 -1.64 0.00	27.86 -1.31 0.00
RUSSELL___4 23556	26.81 -1.15 0.00	24.71 -1.08 0.00	23.06 -1.11 0.00	22.61 -1.21 0.00	22.75 -1.17 0.00	25.58 -1.32 0.00	32.42 -1.46 0.02	32.88 -1.47 6.46	31.50 -1.60 0.87	28.73 -1.26 0.00	27.86 -1.44 0.01	26.72 -1.47 0.00	26.29 -1.59 0.00	26.05 -1.57 0.00	26.45 -1.63 0.00	28.59 -1.57 0.02	35.02 -1.31 0.02	41.76 -1.30 3.22	38.40 -1.28 1.48	34.85 -0.97 0.02	32.89 -1.23 0.02	30.43 -1.40 0.02	28.17 -1.64 0.00	27.86 -1.31 0.00
RUSSELL___STATION 23914	26.81 -1.15 0.00	24.71 -1.08 0.00	23.06 -1.11 0.00	22.61 -1.21 0.00	22.75 -1.17 0.00	25.58 -1.32 0.00	32.42 -1.46 0.02	32.88 -1.47 6.46	31.50 -1.60 0.87	28.73 -1.26 0.00	27.86 -1.44 0.01	26.72 -1.47 0.00	26.29 -1.59 0.00	26.05 -1.57 0.00	26.45 -1.63 0.00	28.59 -1.57 0.02	35.02 -1.31 0.02	41.76 -1.30 3.22	38.40 -1.28 1.48	34.85 -0.97 0.02	32.89 -1.23 0.02	30.43 -1.40 0.02	28.17 -1.64 0.00	27.86 -1.31 0.00
S SALMON___HYD 24043	27.32 -0.64 0.00	25.17 -0.62 0.00	23.52 -0.65 0.00	23.11 -0.71 0.00	23.22 -0.69 0.00	26.18 -0.73 0.00	33.09 -0.81 -0.01	41.26 -0.94 -1.38	33.07 -1.09 -0.19	29.00 -0.99 0.00	28.26 -1.05 0.00	27.14 -1.04 0.00	26.77 -1.12 0.00	26.54 -1.08 0.00	26.99 -1.10 0.00	29.10 -1.09 0.00	35.63 -0.73 -0.01	46.53 -0.60 -0.86	40.94 -0.62 -0.40	35.27 -0.57 -0.01	33.50 -0.65 -0.01	31.06 -0.79 -0.01	28.94 -0.87 0.00	28.42 -0.76 0.00
S.PERRY___115KV_TB1 80734	28.46 0.50 0.00	26.20 0.41 0.00	24.39 0.22 0.00	23.94 0.12 0.00	24.06 0.14 0.00	27.15 0.24 0.00	34.60 0.68 -0.02	46.74 1.10 -4.83	34.96 0.34 -0.65	30.53 0.54 0.00	29.55 0.23 -0.01	28.21 0.03 0.00	27.72 -0.17 0.00	27.46 -0.17 0.00	27.91 -0.17 0.00	30.14 -0.06 -0.02	36.95 0.58 -0.02	50.14 1.20 -2.66	43.25 0.86 -1.23	36.90 1.04 -0.02	34.67 0.51 -0.02	32.19 0.32 -0.02	29.72 -0.09 0.00	29.26 0.09 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.75 -2.21 0.00	23.78 -2.01 0.00	22.16 -2.01 0.00	21.68 -2.14 0.00	21.79 -2.13 0.00	24.48 -2.42 0.00	30.73 -3.15 0.01	30.11 -4.04 6.66	29.31 -3.77 0.89	27.41 -2.58 0.00	26.54 -2.75 0.01	25.42 -2.76 0.00	24.98 -2.90 0.00	24.72 -2.90 0.00	25.08 -3.00 0.00	27.12 -3.05 0.02	32.85 -3.49 0.01	38.62 -4.35 3.31	35.73 -3.91 1.52	33.07 -2.76 0.01	30.99 -3.14 0.01	28.94 -2.90 0.01	26.77 -3.04 0.00	26.72 -2.45 0.00
SAWYER___23_KV_LOAD 55526	25.75 -2.21 0.00	23.78 -2.01 0.00	22.16 -2.01 0.00	21.68 -2.14 0.00	21.79 -2.13 0.00	24.48 -2.42 0.00	30.73 -3.15 0.01	30.11 -4.04 6.66	29.31 -3.77 0.89	27.41 -2.58 0.00	26.54 -2.75 0.01	25.42 -2.76 0.00	24.98 -2.90 0.00	24.72 -2.90 0.00	25.08 -3.00 0.00	27.12 -3.05 0.02	32.85 -3.49 0.01	38.62 -4.35 3.31	35.73 -3.91 1.52	33.07 -2.76 0.01	30.99 -3.14 0.01	28.94 -2.90 0.01	26.77 -3.04 0.00	26.72 -2.45 0.00
SELKIRK___I 23801	28.60 0.64 0.00	26.38 0.59 0.00	24.75 0.58 0.00	24.42 0.60 0.00	24.52 0.60 0.00	27.58 0.67 0.00	34.92 1.02 0.00	42.20 1.39 0.00	34.99 1.02 0.00	30.71 0.72 0.00	30.04 0.73 0.00	28.89 0.70 0.00	28.61 0.72 0.00	28.34 0.72 0.00	28.84 0.76 0.00	31.09 0.90 0.00	37.62 1.27 0.00	48.08 1.80 0.00	42.69 1.52 0.00	37.13 1.29 0.00	35.27 1.13 0.00	32.80 0.95 0.00	30.64 0.83 0.00	29.90 0.73 0.00
SELKIRK___II 23799	28.38 0.42 0.00	26.18 0.39 0.00	24.58 0.41 0.00	24.25 0.43 0.00	24.35 0.43 0.00	27.39 0.48 0.00	34.68 0.78 0.00	42.00 1.18 0.00	34.82 0.85 0.00	30.59 0.60 0.00	29.92 0.62 0.00	28.81 0.62 0.00	28.53 0.64 0.00	28.26 0.64 0.00	28.76 0.67 0.00	30.97 0.78 0.00	37.48 1.13 0.00	47.89 1.62 0.00	42.52 1.36 0.00	36.99 1.15 0.00	35.10 0.95 0.00	32.65 0.80 0.00	30.49 0.69 0.00	29.73 0.55 0.00
SENECA OSWGO___HYD 24041	27.37 -0.59 0.00	25.25 -0.54 0.00	23.59 -0.58 0.00	23.23 -0.59 0.00	23.32 -0.60 0.00	26.26 -0.65 0.00	33.16 -0.75 -0.01	41.69 -0.86 -1.73	33.22 -0.99 -0.23	29.12 -0.87 0.00	28.43 -0.88 0.00	27.31 -0.87 0.00	26.99 -0.89 0.00	26.74 -0.89 0.00	27.18 -0.90 0.00	29.28 -0.90 -0.01	35.77 -0.58 -0.01	46.83 -0.51 -1.07	41.08 -0.58 -0.49	35.35 -0.50 -0.01	33.57 -0.58 -0.01	31.19 -0.67 -0.01	29.06 -0.74 0.00	28.56 -0.61 0.00

SENECA___115KV_TB3 355854	26.14 -1.82 0.00	24.14 -1.65 0.00	22.48 -1.69 0.00	21.96 -1.86 0.00	22.08 -1.84 0.00	24.83 -2.07 0.00	31.11 -2.78 0.01	30.73 -3.88 6.20	29.50 -3.63 0.83	27.77 -2.22 0.00	26.87 -2.43 0.01	25.71 -2.48 0.00	25.23 -2.65 0.00	25.00 -2.62 0.00	25.36 -2.72 0.00	27.42 -2.75 0.01	33.10 -3.24 0.01	39.08 -4.12 3.07	36.00 -3.75 1.41	33.39 -2.44 0.01	31.19 -2.94 0.01	29.32 -2.52 0.01	27.12 -2.68 0.00	27.04 -2.13 0.00
SENECA___ENERGY 23797	27.96 0.00 0.00	25.71 -0.08 0.00	23.97 -0.19 0.00	23.61 -0.21 0.00	23.73 -0.19 0.00	26.80 -0.11 0.00	34.13 0.14 -0.09	66.27 0.29 -25.17	37.26 -0.10 -3.39	29.99 0.00 0.00	29.24 -0.12 -0.05	27.96 -0.23 0.00	27.55 -0.33 0.00	27.29 -0.33 0.00	27.72 -0.37 0.00	29.97 -0.30 -0.09	36.30 -0.14 -0.09	59.60 0.00 -13.33	47.22 -0.08 -6.14	35.97 0.04 -0.09	34.10 -0.14 -0.09	31.62 -0.32 -0.09	29.27 -0.54 0.00	28.79 -0.38 0.00
SHOEMAKER___GT 23640	28.80 0.84 0.00	26.56 0.77 0.00	24.89 0.72 0.00	24.56 0.74 0.00	24.66 0.74 0.00	27.76 0.86 0.00	35.29 1.39 0.00	42.85 2.04 0.00	35.53 1.56 0.00	31.22 1.23 0.00	30.54 1.23 0.00	29.43 1.24 0.00	29.17 1.28 0.00	28.89 1.27 0.00	29.35 1.26 0.00	31.48 1.30 0.00	38.35 2.00 0.00	49.10 2.82 0.00	43.47 2.30 0.00	37.81 1.97 0.00	35.81 1.67 0.00	33.28 1.43 0.00	31.15 1.34 0.00	30.28 1.11 0.00
SHOEMAKR_138KV_BK 111 55601	28.80 0.84 0.00	26.54 0.75 0.00	24.87 0.70 0.00	24.56 0.74 0.00	24.64 0.72 0.00	27.74 0.83 0.00	35.26 1.36 0.00	42.85 2.04 0.00	35.53 1.56 0.00	31.22 1.23 0.00	30.57 1.26 0.00	29.45 1.27 0.00	29.17 1.28 0.00	28.92 1.30 0.00	29.38 1.29 0.00	31.48 1.30 0.00	38.31 1.96 0.00	49.10 2.82 0.00	43.47 2.31 0.00	37.81 1.97 0.00	35.75 1.60 0.00	33.25 1.40 0.00	31.15 1.34 0.00	30.28 1.11 0.00
SHOREHAM_IC_1 23715	29.67 1.71 0.00	27.31 1.52 0.00	26.06 1.84 -0.05	25.51 1.69 0.00	25.92 1.91 -0.09	29.28 1.70 -0.68	39.90 2.81 -3.19	47.87 4.08 -2.97	46.37 3.74 -8.67	37.78 3.15 -4.64	34.79 3.14 -2.35	35.44 3.07 -4.18	32.60 3.12 -1.59	30.27 2.65 0.00	32.51 2.44 -1.98	39.91 2.62 -7.10	49.37 3.93 -9.09	69.07 5.18 -17.61	59.65 4.53 -13.96	49.11 4.19 -9.08	46.77 3.65 -8.97	43.06 3.15 -8.06	33.90 2.44 -1.64	33.04 2.30 -1.56
SHOREHAM_IC_2 23716	29.67 1.71 0.00	27.31 1.52 0.00	26.06 1.84 -0.05	25.51 1.69 0.00	25.92 1.91 -0.09	29.28 1.70 -0.68	39.90 2.81 -3.19	47.87 4.08 -2.97	46.37 3.74 -8.67	37.78 3.15 -4.64	34.79 3.14 -2.35	35.44 3.07 -4.18	32.60 3.12 -1.59	30.27 2.65 0.00	32.51 2.44 -1.98	39.91 2.62 -7.10	49.37 3.93 -9.09	69.07 5.18 -17.61	59.65 4.53 -13.96	49.11 4.19 -9.08	46.77 3.65 -8.97	43.06 3.15 -8.06	33.90 2.44 -1.64	33.04 2.30 -1.56
SISSONVILLE____ 23735	28.13 0.17 0.00	25.94 0.15 0.00	24.36 0.19 0.00	23.94 0.12 0.00	23.94 0.02 0.00	26.69 -0.22 0.00	33.12 -0.78 0.00	39.55 -1.27 0.00	33.15 -0.82 0.00	29.27 -0.72 0.00	28.72 -0.59 0.00	27.54 -0.65 0.00	27.21 -0.67 0.00	26.90 -0.72 0.00	27.44 -0.65 0.00	29.49 -0.69 0.00	34.93 -1.42 0.00	43.96 -2.31 0.00	39.35 -1.81 0.00	34.23 -1.61 0.00	33.15 -0.99 0.00	31.24 -0.61 0.00	29.63 -0.18 0.00	28.97 -0.20 0.00
SITHE_IND_GS1 24169	27.01 -0.95 0.00	24.91 -0.88 0.00	23.32 -0.85 0.00	22.97 -0.86 0.00	23.06 -0.86 0.00	25.94 -0.97 0.00	32.61 -1.29 0.00	39.18 -1.63 0.00	32.48 -1.49 0.00	28.70 -1.29 0.00	28.02 -1.29 0.00	26.92 -1.27 0.00	26.60 -1.28 0.00	26.38 -1.24 0.00	26.79 -1.29 0.00	28.82 -1.36 0.00	35.04 -1.31 0.00	44.79 -1.48 0.00	39.76 -1.40 0.00	34.62 -1.22 0.00	32.91 -1.23 0.00	30.61 -1.24 0.00	28.61 -1.19 0.00	28.18 -0.99 0.00
SITHE_IND_GS2 24170	27.01 -0.95 0.00	24.91 -0.88 0.00	23.32 -0.85 0.00	22.97 -0.86 0.00	23.06 -0.86 0.00	25.94 -0.97 0.00	32.61 -1.29 0.00	39.18 -1.63 0.00	32.48 -1.49 0.00	28.70 -1.29 0.00	28.02 -1.29 0.00	26.92 -1.27 0.00	26.60 -1.28 0.00	26.38 -1.24 0.00	26.79 -1.29 0.00	28.82 -1.36 0.00	35.04 -1.31 0.00	44.79 -1.48 0.00	39.76 -1.40 0.00	34.62 -1.22 0.00	32.91 -1.23 0.00	30.61 -1.24 0.00	28.61 -1.19 0.00	28.18 -0.99 0.00
SITHE_IND_GS3 24171	27.01 -0.95 0.00	24.91 -0.88 0.00	23.32 -0.85 0.00	22.97 -0.86 0.00	23.06 -0.86 0.00	25.94 -0.97 0.00	32.61 -1.29 0.00	39.18 -1.63 0.00	32.48 -1.49 0.00	28.70 -1.29 0.00	28.02 -1.29 0.00	26.92 -1.27 0.00	26.60 -1.28 0.00	26.38 -1.24 0.00	26.79 -1.29 0.00	28.82 -1.36 0.00	35.04 -1.31 0.00	44.79 -1.48 0.00	39.76 -1.40 0.00	34.62 -1.22 0.00	32.91 -1.23 0.00	30.61 -1.24 0.00	28.61 -1.19 0.00	28.18 -0.99 0.00
SITHE_IND_GS4 24172	27.01 -0.95 0.00	24.91 -0.88 0.00	23.32 -0.85 0.00	22.97 -0.86 0.00	23.06 -0.86 0.00	25.94 -0.97 0.00	32.61 -1.29 0.00	39.18 -1.63 0.00	32.48 -1.49 0.00	28.70 -1.29 0.00	28.02 -1.29 0.00	26.92 -1.27 0.00	26.60 -1.28 0.00	26.38 -1.24 0.00	26.79 -1.29 0.00	28.82 -1.36 0.00	35.04 -1.31 0.00	44.79 -1.48 0.00	39.76 -1.40 0.00	34.62 -1.22 0.00	32.91 -1.23 0.00	30.61 -1.24 0.00	28.61 -1.19 0.00	28.18 -0.99 0.00
SITHE___BATAVIA 24024	26.54 -1.42 0.00	24.35 -1.44 0.00	22.69 -1.48 0.00	22.20 -1.62 0.00	22.34 -1.58 0.00	25.13 -1.78 0.00	31.75 -2.13 0.02	31.58 -2.49 6.74	30.59 -2.48 0.90	28.25 -1.74 0.00	27.30 -1.99 0.01	26.16 -2.03 0.00	25.68 -2.20 0.00	25.41 -2.21 0.00	25.84 -2.25 0.00	27.87 -2.30 0.02	34.00 -2.33 0.02	40.42 -2.50 3.35	37.28 -2.34 1.54	34.07 -1.76 0.02	32.14 -1.98 0.02	29.73 -2.10 0.02	27.45 -2.36 0.00	27.37 -1.81 0.00
SITHE___INDEPEND 23800	27.01 -0.95 0.00	24.91 -0.88 0.00	23.32 -0.85 0.00	22.97 -0.86 0.00	23.06 -0.86 0.00	25.93 -0.97 0.00	32.61 -1.29 0.00	39.18 -1.63 0.00	32.44 -1.53 0.00	28.70 -1.29 0.00	28.02 -1.29 0.00	26.92 -1.27 0.00	26.60 -1.28 0.00	26.38 -1.24 0.00	26.79 -1.29 0.00	28.82 -1.36 0.00	35.08 -1.27 0.00	44.79 -1.48 0.00	39.76 -1.40 0.00	34.66 -1.18 0.00	32.91 -1.23 0.00	30.61 -1.24 0.00	28.61 -1.19 0.00	28.18 -0.99 0.00
SITHE___MASSENA 23902	28.35 0.39 0.00	26.15 0.36 0.00	24.53 0.36 0.00	24.16 0.33 0.00	24.21 0.29 0.00	27.17 0.27 0.00	33.83 -0.07 0.00	40.28 -0.53 0.00	33.83 -0.14 0.00	29.99 0.00 0.00	29.34 0.03 0.00	28.16 -0.03 0.00	27.86 -0.03 0.00	27.57 -0.06 0.00	28.06 -0.03 0.00	30.15 -0.03 0.00	35.77 -0.58 0.00	45.07 -1.20 0.00	40.26 -0.91 0.00	35.09 -0.75 0.00	33.73 -0.41 0.00	31.69 -0.16 0.00	29.93 0.12 0.00	29.29 0.12 0.00
SITHE___OGDNSBRG 24021	28.72 0.75 0.00	26.49 0.70 0.00	24.85 0.68 0.00	24.44 0.62 0.00	24.47 0.55 0.00	27.44 0.54 0.00	34.14 0.24 0.00	40.77 -0.04 0.00	34.17 0.20 0.00	30.20 0.21 0.00	29.54 0.23 0.00	28.33 0.14 0.00	27.97 0.08 0.00	27.68 0.06 0.00	28.22 0.14 0.00	30.33 0.15 0.00	36.06 -0.29 0.00	45.40 -0.88 0.00	40.59 -0.58 0.00	35.34 -0.50 0.00	34.14 0.00 0.00	32.04 0.19 0.00	30.28 0.48 0.00	29.58 0.41 0.00

SITHE___STERLING 23777	28.72 0.76 0.00	26.49 0.70 0.00	24.75 0.58 0.00	24.35 0.52 0.00	24.49 0.57 0.00	27.68 0.78 0.00	35.06 1.15 0.00	42.45 1.63 0.00	35.02 1.05 0.00	30.86 0.87 0.00	30.07 0.76 0.00	28.86 0.68 0.00	28.53 0.64 0.00	28.26 0.64 0.00	28.76 0.67 0.00	30.97 0.78 0.00	37.74 1.38 0.00	48.81 1.90 -0.64	43.02 1.56 -0.29	37.17 1.33 0.00	35.34 1.19 0.00	32.78 0.92 0.00	30.55 0.75 0.00	29.90 0.73 0.00
SLEIGHT__34_KV_TB1 80719	27.12 -0.84 0.00	24.99 -0.80 0.00	23.30 -0.87 0.00	22.89 -0.93 0.00	23.03 -0.88 0.00	25.96 -0.94 0.00	32.96 -0.92 0.02	33.11 -0.82 6.88	31.95 -1.09 0.93	29.12 -0.87 0.00	28.27 -1.03 0.01	27.14 -1.04 0.00	26.71 -1.17 0.00	26.46 -1.16 0.00	26.88 -1.21 0.00	29.04 -1.12 0.02	35.45 -0.87 0.02	42.05 -0.79 3.44	38.75 -0.82 1.58	35.17 -0.65 0.02	33.26 -0.85 0.02	30.77 -1.05 0.02	28.53 -1.28 0.00	28.12 -1.05 0.00
SOUTH CAIRO___GT 23612	29.39 1.43 0.00	27.08 1.29 0.00	25.38 1.21 0.00	25.04 1.21 0.00	25.11 1.20 0.00	28.27 1.37 0.00	35.90 2.00 0.00	43.18 2.37 0.00	35.70 1.73 0.00	31.13 1.14 0.00	30.27 0.97 0.00	29.15 0.96 0.00	28.78 0.89 0.00	28.51 0.88 0.00	29.12 1.04 0.00	31.54 1.36 0.00	38.53 2.18 0.00	49.38 3.10 0.00	43.88 2.72 0.00	38.21 2.36 0.00	36.22 2.08 0.00	33.63 1.78 0.00	31.30 1.49 0.00	30.46 1.28 0.00
SOUTH HAMPTN___IC 23720	30.11 2.15 0.00	27.72 1.94 0.00	26.42 2.20 -0.05	25.85 2.02 0.00	26.28 2.27 -0.09	29.74 2.15 -0.68	40.46 3.36 -3.20	48.48 4.69 -2.97	46.83 4.18 -8.69	38.16 3.51 -4.66	35.15 3.49 -2.36	35.77 3.38 -4.20	32.88 3.40 -1.60	30.63 3.01 0.00	32.93 2.87 -1.98	40.37 3.08 -7.10	49.98 4.54 -9.09	69.90 6.01 -17.61	60.33 5.27 -13.90	49.67 4.80 -9.02	47.35 4.23 -8.97	43.53 3.63 -8.05	34.37 2.92 -1.64	33.47 2.74 -1.56
SOUTHDOW_115KV_TB1 355954	27.35 -0.62 0.00	25.07 -0.72 0.00	23.25 -0.92 0.00	22.85 -0.98 0.00	22.89 -1.03 0.00	25.80 -1.10 0.00	32.43 -1.46 0.01	32.97 -2.82 5.03	30.48 -2.82 0.67	28.79 -1.20 0.00	27.83 -1.47 0.01	26.55 -1.63 0.00	26.02 -1.87 0.00	25.74 -1.88 0.00	26.15 -1.94 0.00	28.27 -1.90 0.01	34.01 -2.33 0.01	40.94 -2.87 2.47	37.39 -2.63 1.13	34.54 -1.29 0.01	32.08 -2.05 0.01	30.37 -1.47 0.01	28.08 -1.73 0.00	27.95 -1.23 0.00
SOUTHOLD_69_KV_BK 2 55809	30.64 2.68 0.00	28.19 2.40 0.00	26.86 2.63 -0.05	26.28 2.45 0.00	26.71 2.70 -0.09	30.22 2.64 -0.68	41.20 4.10 -3.20	49.38 5.59 -2.97	47.41 4.76 -8.69	38.64 3.99 -4.66	35.59 3.93 -2.36	36.22 3.83 -4.20	33.30 3.82 -1.60	31.08 3.45 0.00	33.44 3.37 -1.98	41.00 3.71 -7.10	50.82 5.38 -9.09	71.20 7.31 -17.61	61.36 6.30 -13.90	50.42 5.56 -9.03	48.00 4.88 -8.97	44.04 4.14 -8.05	34.97 3.52 -1.64	34.12 3.38 -1.56
SOUTHOLD___IC 23719	30.62 2.66 0.00	28.19 2.40 0.00	26.86 2.63 -0.05	26.25 2.43 0.00	26.71 2.70 -0.09	30.22 2.64 -0.68	41.06 3.96 -3.20	49.26 5.47 -2.97	47.45 4.79 -8.69	38.64 3.99 -4.66	35.59 3.93 -2.36	36.22 3.83 -4.20	33.30 3.82 -1.60	31.07 3.45 0.00	33.41 3.34 -1.98	40.91 3.62 -7.10	50.71 5.27 -9.09	70.97 7.08 -17.61	61.28 6.22 -13.90	50.46 5.59 -9.03	48.06 4.95 -8.97	44.14 4.24 -8.05	34.91 3.46 -1.64	33.97 3.24 -1.56
SOUTH_FORK_WT_PWR 323839	30.67 2.71 0.00	28.24 2.45 0.00	26.88 2.66 -0.05	26.30 2.48 0.00	26.76 2.75 -0.09	30.27 2.69 -0.68	41.13 4.03 -3.20	49.34 5.55 -2.97	47.48 4.82 -8.69	38.67 4.02 -4.66	35.62 3.95 -2.36	36.25 3.86 -4.20	33.36 3.87 -1.60	31.10 3.48 0.00	33.44 3.37 -1.98	40.94 3.65 -7.10	50.78 5.35 -9.09	71.01 7.12 -17.61	61.36 6.30 -13.90	50.49 5.63 -9.03	48.10 4.98 -8.97	44.20 4.30 -8.05	34.94 3.49 -1.64	34.03 3.30 -1.56
SPIERFLS_115KV_TB 1 80737	29.41 1.45 0.00	27.10 1.32 0.00	25.38 1.21 0.00	25.01 1.19 0.00	25.19 1.27 0.00	27.74 0.83 0.00	35.33 1.42 0.00	42.81 2.00 0.00	35.43 1.46 0.00	30.83 0.84 0.00	30.13 0.82 0.00	28.95 0.76 0.00	28.64 0.75 0.00	28.37 0.75 0.00	28.90 0.81 0.00	31.36 1.18 0.00	38.06 1.71 0.00	48.73 2.45 0.00	43.14 1.98 0.00	37.49 1.65 0.00	35.54 1.40 0.00	32.96 1.11 0.00	30.70 0.89 0.00	29.87 0.70 0.00
ST LAWRENCE____ 23600	27.96 0.00 0.00	25.82 0.03 0.00	24.22 0.05 0.00	23.87 0.05 0.00	23.94 0.02 0.00	26.88 -0.03 0.00	33.60 -0.31 0.00	40.00 -0.82 0.00	33.60 -0.37 0.00	29.72 -0.27 0.00	29.04 -0.26 0.00	27.90 -0.28 0.00	27.60 -0.28 0.00	27.32 -0.30 0.00	27.83 -0.25 0.00	29.85 -0.33 0.00	35.52 -0.83 0.00	44.75 -1.53 0.00	40.01 -1.15 0.00	34.87 -0.97 0.00	33.49 -0.65 0.00	31.43 -0.41 0.00	29.60 -0.21 0.00	28.97 -0.20 0.00
STATE_CA_115KV_115_LB 55624	28.38 0.42 0.00	26.18 0.39 0.00	24.60 0.44 0.00	24.25 0.43 0.00	24.37 0.45 0.00	27.39 0.48 0.00	34.75 0.85 0.00	43.14 2.33 0.00	35.74 1.77 0.00	31.34 1.35 0.00	30.62 1.32 0.00	29.45 1.27 0.00	29.11 1.23 0.00	28.87 1.24 0.00	28.81 0.73 0.00	31.03 0.85 0.00	37.55 1.20 0.00	48.03 1.76 0.00	42.60 1.44 0.00	37.02 1.18 0.00	35.10 0.96 0.00	32.68 0.83 0.00	30.49 0.69 0.00	29.70 0.53 0.00
STATE_ST_34_KV_LOAD 55959	28.27 0.31 0.00	26.05 0.26 0.00	24.29 0.12 0.00	23.89 0.07 0.00	24.01 0.10 0.00	27.12 0.22 0.00	34.48 0.54 -0.04	52.64 0.86 -10.97	35.79 0.34 -1.48	30.41 0.42 0.00	29.62 0.29 -0.02	28.38 0.20 0.00	27.97 0.08 0.00	27.71 0.08 0.00	28.14 0.06 0.00	30.40 0.18 -0.04	36.68 0.29 -0.04	52.81 0.65 -5.89	44.33 0.45 -2.71	36.31 0.43 -0.04	34.39 0.20 -0.04	31.92 0.03 -0.04	29.63 -0.18 0.00	29.09 -0.09 0.00
STATION 5_MISC_HYD 23604	26.76 -1.20 0.00	24.60 -1.19 0.00	22.96 -1.21 0.00	22.54 -1.29 0.00	22.65 -1.27 0.00	25.48 -1.43 0.00	32.29 -1.59 0.02	32.72 -1.63 6.46	31.37 -1.73 0.87	28.58 -1.41 0.00	27.71 -1.58 0.01	26.61 -1.58 0.00	26.18 -1.70 0.00	25.91 -1.71 0.00	26.34 -1.74 0.00	28.41 -1.75 0.02	34.77 -1.56 0.02	41.49 -1.57 3.22	38.16 -1.52 1.48	34.60 -1.22 0.02	32.75 -1.37 0.02	30.23 -1.59 0.02	27.99 -1.82 0.00	27.75 -1.43 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	27.49 -0.48 0.00	25.33 -0.46 0.00	23.61 -0.56 0.00	23.20 -0.62 0.00	23.32 -0.60 0.00	26.28 -0.62 0.00	33.34 -0.51 0.06	24.38 -0.37 16.07	31.12 -0.68 2.17	29.51 -0.48 0.00	28.60 -0.67 0.03	27.45 -0.73 0.00	27.02 -0.86 0.00	26.77 -0.86 0.00	27.21 -0.87 0.00	29.37 -0.75 0.06	35.86 -0.44 0.06	37.79 -0.23 8.25	36.99 -0.37 3.80	35.61 -0.18 0.06	33.61 -0.48 0.06	31.12 -0.67 0.06	28.88 -0.92 0.00	28.47 -0.70 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	26.65 -1.31 0.00	24.55 -1.24 0.00	22.91 -1.26 0.00	22.49 -1.33 0.00	22.60 -1.32 0.00	25.42 -1.48 0.00	32.21 -1.66 0.03	30.99 -1.71 8.11	31.08 -1.80 1.09	28.52 -1.47 0.00	27.68 -1.61 0.02	26.58 -1.61 0.00	26.15 -1.73 0.00	25.88 -1.74 0.00	26.31 -1.77 0.00	28.40 -1.75 0.03	34.80 -1.53 0.03	40.58 -1.62 4.08	37.72 -1.56 1.88	34.56 -1.25 0.03	32.65 -1.47 0.03	30.20 -1.62 0.03	27.99 -1.82 0.00	27.69 -1.49 0.00

STA_56___34_KV_BUS2 355983	26.65 -1.31 0.00	24.55 -1.24 0.00	22.91 -1.26 0.00	22.49 -1.33 0.00	22.60 -1.32 0.00	25.42 -1.48 0.00	32.21 -1.66 0.03	30.99 -1.71 8.11	31.08 -1.80 1.09	28.52 -1.47 0.00	27.68 -1.61 0.02	26.58 -1.61 0.00	26.15 -1.73 0.00	25.88 -1.74 0.00	26.31 -1.77 0.00	28.40 -1.75 0.03	34.80 -1.53 0.03	40.58 -1.62 4.08	37.72 -1.56 1.88	34.56 -1.25 0.03	32.65 -1.47 0.03	30.20 -1.62 0.03	27.99 -1.82 0.00	27.69 -1.49 0.00
STA_67___115KV_BK2 355882	26.62 -1.34 0.00	24.55 -1.24 0.00	22.91 -1.26 0.00	22.49 -1.33 0.00	22.60 -1.32 0.00	25.42 -1.48 0.00	32.22 -1.66 0.02	32.61 -1.75 6.45	31.27 -1.83 0.87	28.49 -1.50 0.00	27.65 -1.64 0.01	26.52 -1.66 0.00	26.13 -1.76 0.00	25.85 -1.77 0.00	26.26 -1.83 0.00	28.38 -1.78 0.02	34.73 -1.60 0.02	41.36 -1.71 3.21	38.04 -1.65 1.48	34.56 -1.25 0.02	32.65 -1.47 0.02	30.20 -1.62 0.02	27.96 -1.85 0.00	27.69 -1.49 0.00
STA_7___115KV_9TRANS 80674	26.81 -1.15 0.00	24.71 -1.08 0.00	23.06 -1.11 0.00	22.61 -1.21 0.00	22.75 -1.17 0.00	25.58 -1.32 0.00	32.42 -1.46 0.02	32.88 -1.47 6.46	31.50 -1.60 0.87	28.73 -1.26 0.00	27.86 -1.44 0.01	26.72 -1.47 0.00	26.29 -1.59 0.00	26.05 -1.57 0.00	26.45 -1.63 0.00	28.59 -1.57 0.02	35.02 -1.31 0.02	41.76 -1.30 3.22	38.40 -1.28 1.48	34.85 -0.97 0.02	32.89 -1.23 0.02	30.43 -1.40 0.02	28.17 -1.64 0.00	27.86 -1.31 0.00
STA_82___115KV_TB1 80780	26.65 -1.31 0.00	24.55 -1.24 0.00	22.91 -1.26 0.00	22.49 -1.33 0.00	22.63 -1.29 0.00	25.45 -1.45 0.00	32.22 -1.66 0.02	32.56 -1.71 6.54	31.25 -1.83 0.88	28.52 -1.47 0.00	27.65 -1.64 0.01	26.55 -1.63 0.00	26.13 -1.76 0.00	25.88 -1.74 0.00	26.29 -1.80 0.00	28.38 -1.78 0.02	34.76 -1.56 0.02	41.35 -1.67 3.26	38.06 -1.61 1.50	34.60 -1.22 0.02	32.69 -1.43 0.02	30.23 -1.59 0.02	27.99 -1.82 0.00	27.72 -1.46 0.00
STEEL___WIND 323596	26.25 -1.71 0.00	24.11 -1.68 0.00	22.45 -1.72 0.00	21.96 -1.86 0.00	22.05 -1.87 0.00	24.80 -2.10 0.00	31.07 -2.81 0.01	30.73 -3.88 6.20	29.54 -3.60 0.83	27.74 -2.25 0.00	26.84 -2.46 0.01	25.68 -2.51 0.00	25.21 -2.68 0.00	24.97 -2.65 0.00	25.33 -2.75 0.00	27.24 -2.93 0.01	32.88 -3.45 3.07	39.04 -4.16 1.41	36.01 -3.75 1.41	33.07 -2.76 0.01	31.23 -2.90 0.01	29.19 -2.64 0.01	27.04 -2.77 0.00	26.99 -2.19 0.00
STEPHTWN_115KV_BK_2 55603	28.69 0.73 0.00	26.43 0.64 0.00	24.85 0.68 0.00	24.49 0.67 0.00	24.64 0.72 0.00	27.71 0.81 0.00	35.22 1.32 0.00	42.65 1.84 0.00	35.36 1.39 0.00	30.98 0.99 0.00	30.27 0.97 0.00	29.14 0.96 0.00	28.83 0.95 0.00	28.56 0.94 0.00	29.09 1.01 0.00	31.42 1.24 0.00	38.06 1.71 0.00	48.68 2.41 0.00	43.18 2.02 0.00	37.53 1.68 0.00	35.58 1.43 0.00	33.09 1.24 0.00	30.85 1.04 0.00	30.05 0.88 0.00
STEBUBEN_REC_LFGE 323667	28.86 0.89 0.00	26.67 0.88 0.00	24.80 0.63 0.00	24.37 0.55 0.00	24.47 0.55 0.00	27.60 0.70 0.00	35.24 1.29 -0.05	56.74 1.55 -14.37	36.66 0.75 -1.94	31.01 1.02 0.00	30.10 0.76 -0.03	28.69 0.51 0.00	28.19 0.31 0.00	27.93 0.30 0.00	28.39 0.31 0.00	30.75 0.51 -0.05	37.60 1.20 -0.05	55.71 1.80 -7.63	46.04 1.36 -3.52	37.47 1.58 -0.05	35.25 1.06 -0.05	32.86 0.96 -0.05	30.31 0.51 0.00	29.79 0.61 0.00
STILLWATER___SOLAR 323814	29.25 1.29 0.00	26.95 1.16 0.00	25.26 1.09 0.00	24.90 1.07 0.00	25.04 1.12 0.00	28.03 1.13 0.00	35.60 1.69 0.00	43.14 2.33 0.00	35.70 1.73 0.00	31.22 1.23 0.00	30.51 1.20 0.00	29.31 1.13 0.00	29.03 1.14 0.00	28.76 1.13 0.00	29.29 1.21 0.00	31.66 1.48 0.00	38.38 2.03 0.00	49.10 2.82 0.00	43.55 2.39 0.00	37.85 2.01 0.00	35.92 1.77 0.00	33.35 1.50 0.00	31.09 1.28 0.00	30.31 1.14 0.00
STONY___BROOK 24151	30.03 2.07 0.00	27.62 1.83 0.00	26.23 2.00 -0.05	25.68 1.86 0.00	26.11 2.11 -0.09	29.91 2.34 -0.67	40.45 3.39 -3.16	48.20 4.41 -2.97	46.23 3.67 -8.59	37.88 3.33 -4.57	34.96 3.34 -2.31	35.54 3.24 -4.12	32.71 3.26 -1.57	30.61 2.98 0.00	33.07 3.01 -1.98	40.31 3.02 -7.11	49.62 4.18 -9.10	69.30 5.41 -17.61	59.99 4.65 -14.17	49.29 4.19 -9.26	46.84 3.72 -8.98	43.03 3.12 -8.06	34.37 2.92 -1.64	33.50 2.77 -1.56
STURGEON_POOL_HYD 23609	29.05 1.09 0.00	26.77 0.98 0.00	25.06 0.89 0.00	24.78 0.95 0.00	24.83 0.91 0.00	27.98 1.08 0.00	35.56 1.66 0.00	43.22 2.41 0.00	35.84 1.87 0.00	31.52 1.53 0.00	30.83 1.52 0.00	29.71 1.52 0.00	29.44 1.56 0.00	29.17 1.55 0.00	29.63 1.54 0.00	31.75 1.57 0.00	38.71 2.36 0.00	49.61 3.33 0.00	43.92 2.76 0.00	38.17 2.33 0.00	36.05 1.91 0.00	33.54 1.69 0.00	31.36 1.55 0.00	30.46 1.28 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	28.88 0.92 0.00	26.61 0.83 0.00	24.94 0.77 0.00	24.66 0.83 0.00	24.73 0.81 0.00	27.84 0.94 0.00	35.43 1.53 0.00	43.10 2.29 0.00	35.74 1.77 0.00	31.40 1.41 0.00	30.74 1.44 0.00	29.62 1.44 0.00	29.36 1.48 0.00	29.09 1.46 0.00	29.54 1.46 0.00	31.66 1.48 0.00	38.57 2.22 0.00	49.47 3.19 0.00	43.76 2.59 0.00	38.03 2.19 0.00	35.95 1.81 0.00	33.41 1.56 0.00	31.30 1.49 0.00	30.37 1.20 0.00
SWANROAD_115KV_TB1 355699	25.08 -2.88 0.00	23.18 -2.60 0.00	21.61 -2.56 0.00	21.13 -2.69 0.00	21.24 -2.68 0.00	23.86 -3.04 0.00	29.99 -3.90 0.02	29.13 -4.90 6.79	28.54 -4.52 0.91	26.69 -3.30 0.00	25.84 -3.46 0.01	24.78 -3.41 0.00	24.34 -3.54 0.00	24.09 -3.54 0.00	24.43 -3.65 0.00	26.42 -3.74 0.02	32.08 -4.25 0.02	37.53 -5.37 3.37	34.80 -4.82 1.55	32.31 -3.51 0.02	30.30 -3.82 0.02	28.20 -3.63 0.02	26.08 -3.73 0.00	26.08 -3.09 0.00
SYNERGY___BIOGAS 323694	26.54 -1.42 0.00	24.35 -1.44 0.00	22.69 -1.48 0.00	22.20 -1.62 0.00	22.34 -1.58 0.00	25.13 -1.78 0.00	31.75 -2.13 0.02	31.58 -2.49 6.74	30.59 -2.48 0.90	28.25 -1.74 0.00	27.30 -1.99 0.01	26.16 -2.03 0.00	25.68 -2.20 0.00	25.41 -2.21 0.00	25.84 -2.25 0.00	27.87 -2.30 0.02	34.00 -2.33 0.02	40.42 -2.50 3.35	37.28 -2.34 1.54	34.07 -1.76 0.02	32.14 -1.98 0.02	29.73 -2.10 0.02	27.45 -2.36 0.00	27.37 -1.81 0.00
SYRACUSE___ENERGY_ST1 323597	28.07 0.11 0.00	25.87 0.08 0.00	24.14 -0.02 0.00	23.78 -0.05 0.00	23.89 -0.02 0.00	26.90 0.00 0.00	34.05 0.14 -0.02	45.64 0.24 -4.58	34.45 -0.14 -0.62	29.93 -0.06 0.00	29.20 -0.12 -0.01	28.02 -0.17 0.00	27.66 -0.22 0.00	27.40 -0.22 0.00	27.86 -0.22 0.00	30.05 -0.15 -0.02	36.29 -0.07 -0.02	48.97 0.14 -2.55	42.34 0.00 -1.18	35.89 0.04 -0.02	34.06 -0.10 -0.02	31.64 -0.22 -0.02	29.48 -0.33 0.00	28.97 -0.20 0.00
SYRACUSE___ENERGY_ST2 323598	28.07 0.11 0.00	25.87 0.08 0.00	24.14 -0.02 0.00	23.78 -0.05 0.00	23.89 -0.02 0.00	26.90 0.00 0.00	34.05 0.14 -0.02	45.64 0.24 -4.58	34.45 -0.14 -0.62	29.93 -0.06 0.00	29.20 -0.12 -0.01	28.02 -0.17 0.00	27.66 -0.22 0.00	27.40 -0.22 0.00	27.86 -0.22 0.00	30.05 -0.15 -0.02	36.29 -0.07 -0.02	48.97 0.14 -2.55	42.34 0.00 -1.18	35.89 0.04 -0.02	34.06 -0.10 -0.02	31.64 -0.22 -0.02	29.48 -0.33 0.00	28.97 -0.20 0.00



VISCHER___FERRY HYD 24020	28.80 0.84 0.00	26.56 0.77 0.00	24.94 0.77 0.00	24.59 0.76 0.00	24.73 0.81 0.00	27.79 0.89 0.00	35.26 1.36 0.00	42.69 1.88 0.00	35.40 1.43 0.00	31.04 1.05 0.00	30.36 1.05 0.00	29.20 1.01 0.00	28.94 1.06 0.00	28.67 1.05 0.00	29.15 1.07 0.00	31.45 1.27 0.00	38.06 1.71 0.00	48.68 2.40 0.00	43.18 2.02 0.00	37.56 1.72 0.00	35.61 1.47 0.00	33.12 1.28 0.00	30.91 1.10 0.00	30.11 0.93 0.00
V_A_10_SYNC_DSASP 323832	25.78 -2.18 0.00	23.73 -2.06 0.00	22.14 -2.03 0.00	21.68 -2.14 0.00	21.79 -2.13 0.00	24.51 -2.39 0.00	30.97 -2.92 0.02	32.95 -3.27 4.60	30.22 -3.12 0.62	27.47 -2.52 0.00	26.63 -2.67 0.01	25.57 -2.62 0.00	25.12 -2.76 0.00	24.89 -2.74 0.00	25.25 -2.84 0.00	27.21 -2.96 0.02	33.24 -3.09 0.02	40.51 -3.52 2.25	36.91 -3.21 1.04	33.21 -2.61 0.02	31.50 -2.63 0.02	29.00 -2.83 0.02	26.83 -2.98 0.00	26.72 -2.45 0.00
V_CMM_10_SYNC_DSASP 323787	28.07 0.11 0.00	25.89 0.10 0.00	24.31 0.15 0.00	23.94 0.12 0.00	24.01 0.10 0.00	26.98 0.08 0.00	33.70 -0.20 0.00	40.12 -0.69 0.00	33.73 -0.24 0.00	29.84 -0.15 0.00	29.13 -0.17 0.00	27.99 -0.20 0.00	27.72 -0.17 0.00	27.43 -0.19 0.00	27.92 -0.17 0.00	29.97 -0.21 0.00	35.62 -0.73 0.00	44.93 -1.34 0.00	40.17 -0.99 0.00	35.02 -0.82 0.00	33.63 -0.51 0.00	31.53 -0.32 0.00	29.69 -0.12 0.00	29.06 -0.12 0.00
V_CMP_10_SYNC_DSASP 323788	28.27 0.31 0.00	26.20 0.41 0.00	24.73 0.56 0.00	24.39 0.57 0.00	24.47 0.55 0.00	27.52 0.62 0.00	34.17 0.27 0.00	40.49 -0.33 0.00	34.17 0.21 0.00	29.78 -0.21 0.00	29.10 -0.20 0.00	27.79 -0.39 0.00	27.24 -0.64 0.00	26.88 -0.74 0.00	27.47 -0.62 0.00	29.40 -0.78 0.00	35.15 -1.20 0.00	43.59 -2.69 0.00	39.56 -1.61 0.00	34.62 -1.22 0.00	33.12 -1.02 0.00	30.86 -0.99 0.00	29.51 -0.30 0.00	28.97 -0.20 0.00
V_D_10_SYNC_DSASP 323841	25.05 -2.91 0.00	23.18 -2.60 0.00	21.61 -2.56 0.00	21.13 -2.69 0.00	21.24 -2.68 0.00	23.86 -3.04 0.00	30.02 -3.86 0.02	29.08 -4.73 7.00	28.65 -4.38 0.94	26.75 -3.24 0.00	25.90 -3.40 0.01	24.83 -3.35 0.00	24.40 -3.49 0.00	24.14 -3.48 0.00	24.49 -3.59 0.00	26.45 -3.71 0.02	32.19 -4.14 0.02	37.56 -5.23 3.48	34.87 -4.69 1.60	32.35 -3.48 0.02	30.37 -3.76 0.02	28.23 -3.60 0.02	26.11 -3.70 0.00	26.11 -3.06 0.00
V_E_10_SYNC_DSASP 323830	30.37 2.40 0.00	27.96 2.17 0.00	26.03 1.86 0.00	25.63 1.81 0.00	25.86 1.94 0.00	29.38 2.47 0.00	37.58 3.66 -0.02	50.46 4.69 -4.96	37.70 3.06 -0.67	32.51 2.52 0.00	31.43 2.11 -0.01	29.96 1.78 0.00	29.50 1.62 0.00	29.20 1.57 0.00	29.71 1.63 0.00	32.19 1.99 -0.02	39.93 3.56 -0.02	54.03 5.09 -2.67	46.75 4.36 -1.23	39.62 3.76 -0.02	37.57 3.41 -0.02	34.73 2.87 -0.02	32.19 2.39 0.00	31.48 2.30 0.00
V_F_30_NSYNC___DSASP 323816	29.28 1.31 0.00	26.98 1.19 0.00	25.30 1.14 0.00	24.94 1.12 0.00	25.07 1.15 0.00	28.09 1.18 0.00	35.66 1.76 0.00	43.18 2.37 0.00	35.77 1.80 0.00	31.25 1.26 0.00	30.57 1.26 0.00	29.37 1.18 0.00	29.05 1.17 0.00	28.81 1.19 0.00	29.32 1.23 0.00	31.72 1.54 0.00	38.42 2.07 0.00	49.15 2.87 0.00	43.59 2.43 0.00	37.92 2.08 0.00	35.98 1.84 0.00	33.38 1.53 0.00	31.15 1.34 0.00	30.34 1.17 0.00
V_F_30_SYNC_DSASP 323786	28.38 0.42 0.00	26.15 0.36 0.00	24.60 0.44 0.00	24.25 0.43 0.00	24.37 0.45 0.00	27.39 0.48 0.00	34.75 0.85 0.00	41.83 1.02 0.00	34.72 0.75 0.00	30.47 0.48 0.00	29.80 0.50 0.00	28.69 0.51 0.00	28.41 0.53 0.00	28.15 0.52 0.00	28.79 0.70 0.00	31.03 0.85 0.00	37.55 1.20 0.00	48.03 1.76 0.00	42.60 1.44 0.00	37.02 1.18 0.00	35.10 0.96 0.00	32.68 0.83 0.00	30.49 0.69 0.00	29.70 0.53 0.00
V_XM_10_SYNC_DSASP 323789	28.27 0.31 0.00	26.20 0.41 0.00	24.73 0.56 0.00	24.39 0.57 0.00	24.47 0.55 0.00	27.52 0.62 0.00	34.17 0.27 0.00	40.49 -0.33 0.00	34.17 0.21 0.00	29.78 -0.21 0.00	29.10 -0.20 0.00	27.79 -0.39 0.00	27.24 -0.64 0.00	26.88 -0.74 0.00	27.47 -0.62 0.00	29.40 -0.78 0.00	35.15 -1.20 0.00	43.59 -2.69 0.00	39.56 -1.61 0.00	34.62 -1.22 0.00	33.12 -1.02 0.00	30.86 -0.99 0.00	29.51 -0.30 0.00	28.97 -0.20 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.08 1.12 0.00	26.77 0.98 0.00	25.11 0.94 0.00	24.80 0.98 0.00	24.88 0.96 0.00	28.01 1.10 0.00	35.73 1.83 0.00	43.51 2.69 0.00	36.04 2.07 0.00	31.70 1.71 0.00	31.04 1.73 0.00	29.93 1.75 0.00	29.64 1.76 0.00	29.39 1.77 0.00	29.82 1.74 0.00	31.96 1.78 0.00	38.93 2.58 0.00	50.02 3.75 0.00	44.21 3.05 0.00	38.42 2.58 0.00	36.26 2.12 0.00	33.73 1.88 0.00	31.54 1.73 0.00	30.57 1.40 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	29.16 1.20 0.00	26.85 1.06 0.00	25.16 0.99 0.00	24.87 1.05 0.00	24.95 1.03 0.00	28.06 1.16 0.00	35.90 2.00 0.00	43.75 2.94 0.00	36.31 2.34 0.00	31.97 1.98 0.00	31.33 2.02 0.00	30.19 2.00 0.00	29.95 2.06 0.00	29.67 2.04 0.00	30.16 2.08 0.00	32.23 2.05 0.00	39.29 2.94 0.00	50.44 4.16 0.00	44.54 3.38 0.00	38.71 2.87 0.00	36.50 2.36 0.00	33.92 2.07 0.00	31.71 1.91 0.00	30.75 1.58 0.00
W50THST__13_KV_LOAD 356117	29.25 1.29 0.00	26.92 1.13 0.00	25.23 1.06 0.00	24.94 1.12 0.00	25.02 1.10 0.00	28.14 1.24 0.00	36.04 2.14 0.00	43.96 3.14 0.00	36.45 2.48 0.00	32.12 2.13 0.00	31.45 2.14 0.00	30.33 2.14 0.00	30.06 2.17 0.00	29.80 2.18 0.00	30.27 2.19 0.00	32.38 2.20 0.00	39.48 3.13 0.00	50.67 4.40 0.00	44.74 3.58 0.00	38.85 3.01 0.00	36.63 2.49 0.00	34.05 2.20 0.00	31.80 2.00 0.00	30.87 1.69 0.00
WADING RIVER_IC_1 23522	29.61 1.65 0.00	27.26 1.47 0.00	26.01 1.79 -0.05	25.47 1.64 0.00	25.90 1.89 -0.09	29.28 1.70 -0.68	39.88 2.78 -3.20	47.83 4.04 -2.97	46.46 3.80 -8.69	37.86 3.21 -4.66	34.86 3.19 -2.36	35.52 3.13 -4.20	32.66 3.18 -1.60	30.22 2.60 0.00	32.48 2.42 -1.98	39.85 2.56 -7.10	49.29 3.85 -9.09	68.93 5.04 -17.61	59.46 4.41 -13.89	49.01 4.16 -9.02	46.73 3.62 -8.97	42.99 3.09 -8.05	33.84 2.39 -1.64	33.01 2.28 -1.56
WADING RIVER_IC_2 23547	29.61 1.65 0.00	27.26 1.47 0.00	26.01 1.79 -0.05	25.47 1.64 0.00	25.90 1.89 -0.09	29.28 1.70 -0.68	39.88 2.78 -3.20	47.83 4.04 -2.97	46.46 3.80 -8.69	37.86 3.21 -4.66	34.86 3.19 -2.36	35.52 3.13 -4.20	32.66 3.18 -1.60	30.22 2.60 0.00	32.48 2.42 -1.98	39.85 2.56 -7.10	49.29 3.85 -9.09	68.93 5.04 -17.61	59.46 4.41 -13.89	49.01 4.16 -9.02	46.73 3.62 -8.97	42.99 3.09 -8.05	33.84 2.39 -1.64	33.01 2.28 -1.56
WADING RIVER_IC_3 23601	29.61 1.65 0.00	27.26 1.47 0.00	26.01 1.79 -0.05	25.47 1.64 0.00	25.90 1.89 -0.09	29.28 1.70 -0.68	39.88 2.78 -3.20	47.83 4.04 -2.97	46.46 3.80 -8.69	37.86 3.21 -4.66	34.86 3.19 -2.36	35.52 3.13 -4.20	32.66 3.18 -1.60	30.22 2.60 0.00	32.48 2.42 -1.98	39.85 2.56 -7.10	49.29 3.85 -9.09	68.93 5.04 -17.61	59.46 4.41 -13.89	49.01 4.16 -9.02	46.73 3.62 -8.97	42.99 3.09 -8.05	33.84 2.39 -1.64	33.01 2.28 -1.56



WALDENNY_12_KV_BK2 80841	26.06 -1.90 0.00	24.06 -1.73 0.00	22.40 -1.76 0.00	21.89 -1.93 0.00	22.01 -1.91 0.00	24.75 -2.15 0.00	31.04 -2.85 0.01	30.63 -3.92 6.27	29.46 -3.67 0.84	27.71 -2.28 0.00	26.81 -2.49 0.01	25.65 -2.54 0.00	25.18 -2.70 0.00	24.94 -2.68 0.00	25.30 -2.78 0.00	27.36 -2.81 0.01	33.06 -3.27 0.01	39.00 -4.16 3.11	35.99 -3.75 1.43	33.35 -2.47 0.01	31.16 -2.97 0.01	29.22 -2.61 0.01	27.04 -2.77 0.00	26.99 -2.19 0.00
WALDEN___HYDRO 24148	29.05 1.09 0.00	26.77 0.98 0.00	25.09 0.92 0.00	24.78 0.95 0.00	24.85 0.93 0.00	28.01 1.10 0.00	35.63 1.73 0.00	43.34 2.53 0.00	35.73 1.77 0.00	31.52 1.53 0.00	30.83 1.52 0.00	29.74 1.55 0.00	29.44 1.56 0.00	29.17 1.55 0.00	29.65 1.57 0.00	31.81 1.63 0.00	38.79 2.44 0.00	49.79 3.52 0.00	44.00 2.84 0.00	38.31 2.47 0.00	36.22 2.08 0.00	33.60 1.75 0.00	31.45 1.64 0.00	30.52 1.34 0.00
WARRENSBURG___ 23737	29.41 1.45 0.00	27.10 1.31 0.00	25.38 1.21 0.00	25.01 1.19 0.00	25.19 1.27 0.00	27.76 0.86 0.00	35.33 1.42 0.00	42.81 2.00 0.00	35.43 1.46 0.00	30.83 0.84 0.00	30.13 0.82 0.00	28.95 0.76 0.00	28.64 0.75 0.00	28.37 0.75 0.00	28.90 0.81 0.00	31.36 1.18 0.00	38.06 1.71 0.00	48.73 2.45 0.00	43.14 1.98 0.00	37.49 1.65 0.00	35.58 1.43 0.00	32.96 1.11 0.00	30.70 0.89 0.00	29.87 0.70 0.00
WATERSIDE___6 8 9 23538	29.25 1.29 0.00	26.90 1.11 0.00	25.23 1.06 0.00	24.92 1.10 0.00	25.02 1.10 0.00	28.03 1.13 0.00	35.87 1.97 0.00	43.63 2.82 0.00	36.24 2.28 0.00	31.97 1.98 0.00	31.30 1.99 0.00	30.19 2.00 0.00	29.95 2.06 0.00	29.69 2.07 0.00	30.16 2.08 0.00	32.23 2.05 0.00	39.29 2.94 0.00	50.35 4.07 0.00	44.45 3.29 0.00	38.71 2.87 0.00	36.50 2.36 0.00	33.95 2.10 0.00	31.86 2.06 0.00	30.93 1.75 -0.01
WATKINRD_115KV_LN8_ILLION 55919	28.32 0.36 0.00	26.12 0.34 0.00	24.51 0.34 0.00	24.16 0.33 0.00	24.28 0.36 0.00	27.36 0.46 0.00	34.58 0.68 0.00	41.87 1.06 0.00	34.75 0.78 0.00	30.62 0.63 0.00	29.92 0.62 0.00	28.75 0.56 0.00	28.44 0.56 0.00	28.18 0.55 0.00	28.64 0.56 0.00	30.76 0.57 0.00	37.11 0.76 0.00	47.34 1.06 0.00	41.99 0.82 0.00	36.56 0.72 0.00	34.72 0.58 0.00	32.36 0.51 0.00	30.25 0.45 0.00	29.55 0.38 0.00
WATSON___69_KV_BK 1 55734	30.28 2.32 0.00	27.85 2.06 0.00	26.39 2.18 -0.05	25.87 2.05 0.00	26.28 2.27 -0.09	29.85 2.29 -0.66	40.46 3.42 -3.13	48.66 4.82 -3.03	46.26 3.77 -8.52	37.63 3.21 -4.43	34.74 3.19 -2.24	35.28 3.10 -3.99	32.53 3.12 -1.52	30.83 3.20 0.00	33.25 3.17 -1.99	40.82 3.38 -7.25	50.37 4.73 -9.30	70.45 6.43 -17.74	61.22 5.47 -14.58	50.69 4.80 -10.04	47.44 4.13 -9.17	43.64 3.57 -8.23	34.73 3.25 -1.68	33.65 2.89 -1.58
WDELAWARE___HYD 323627	29.13 1.17 0.00	26.85 1.06 0.00	25.11 0.94 0.00	24.80 0.98 0.00	24.85 0.93 0.00	28.03 1.13 0.00	35.70 1.80 0.00	43.34 2.53 0.00	35.84 1.87 0.00	31.43 1.44 0.00	30.68 1.38 0.00	29.60 1.41 0.00	29.28 1.39 0.00	29.03 1.41 0.00	29.49 1.40 0.00	31.66 1.48 0.00	38.75 2.40 0.00	49.75 3.47 0.00	44.00 2.84 0.00	38.28 2.44 0.00	36.19 2.05 0.00	33.57 1.72 0.00	31.39 1.58 0.00	30.49 1.31 0.00
WEST BABYLON___IC 23714	30.17 2.21 0.00	27.72 1.93 0.00	26.27 2.05 -0.05	25.75 1.93 0.00	26.15 2.15 -0.08	29.81 2.26 -0.65	40.35 3.36 -3.09	48.43 4.61 -3.00	46.01 3.63 -8.41	37.38 3.15 -4.24	34.59 3.14 -2.15	35.08 3.07 -3.82	32.44 3.10 -1.46	30.72 3.09 0.00	33.18 3.12 -1.98	40.63 3.26 -7.19	49.99 4.40 -9.24	69.77 5.88 -17.62	61.83 4.98 -15.69	51.15 4.41 -10.91	46.99 3.76 -9.10	43.38 3.38 -8.15	34.60 3.13 -1.66	33.54 2.80 -1.57
WEST CANADA___HYD 24049	28.07 0.11 0.00	25.89 0.10 0.00	24.27 0.10 0.00	23.92 0.10 0.00	24.01 0.10 0.00	27.04 0.14 0.00	34.14 0.24 0.00	41.31 0.49 0.00	34.31 0.34 0.00	30.23 0.24 0.00	29.57 0.26 0.00	28.44 0.25 0.00	28.13 0.25 0.00	27.87 0.25 0.00	28.34 0.25 0.00	30.48 0.30 0.00	36.71 0.36 0.00	46.83 0.56 0.00	41.57 0.41 0.00	36.20 0.36 0.00	34.41 0.27 0.00	32.07 0.22 0.00	29.99 0.18 0.00	29.32 0.15 0.00
WESTERN_NY_WIND 24143	26.37 -1.59 0.00	24.32 -1.47 0.00	22.65 -1.52 0.00	22.16 -1.67 0.00	22.29 -1.63 0.00	25.05 -1.86 0.00	31.68 -2.20 0.02	31.46 -2.61 6.75	30.45 -2.62 0.91	28.19 -1.80 0.00	27.24 -2.05 0.01	26.10 -2.09 0.00	25.62 -2.26 0.00	25.36 -2.27 0.00	25.75 -2.33 0.00	27.90 -2.26 0.02	34.04 -2.29 0.02	40.28 -2.64 3.36	37.15 -2.47 1.54	34.17 -1.65 0.02	32.04 -2.08 0.02	29.73 -2.10 0.02	27.45 -2.35 0.00	27.34 -1.84 0.00
WESTOVER___LESR 323668	28.10 0.14 0.00	25.92 0.13 0.00	24.22 0.05 0.00	23.85 0.02 0.00	23.97 0.05 0.00	26.98 0.08 0.00	34.12 0.20 -0.02	45.16 0.29 -4.06	34.45 -0.07 -0.55	30.17 0.18 0.00	29.43 0.12 -0.01	28.24 0.06 0.00	27.88 0.00 0.00	27.62 0.00 0.00	28.06 -0.03 0.00	30.23 0.03 -0.01	36.77 0.40 -0.02	49.17 0.69 -2.20	42.67 0.49 -1.01	36.47 0.61 -0.02	34.43 0.27 -0.02	32.15 0.29 -0.02	29.90 0.09 0.00	29.32 0.15 0.00
WETHRSFD_WT_PWR 323626	25.92 -2.04 0.00	23.78 -2.01 0.00	22.09 -2.08 0.00	21.49 -2.33 0.00	21.55 -2.37 0.00	24.21 -2.69 0.00	30.33 -3.56 0.01	29.59 -4.69 6.53	28.78 -4.31 0.87	26.96 -3.03 0.00	25.99 -3.31 0.01	24.83 -3.35 0.00	24.37 -3.51 0.00	24.11 -3.51 0.00	24.52 -3.57 0.00	26.39 -3.77 0.02	31.94 -4.40 0.01	37.80 -5.23 3.24	34.94 -4.73 1.49	32.17 -3.66 0.01	30.47 -3.65 0.01	28.52 -3.31 0.01	26.41 -3.40 0.00	26.37 -2.80 0.00
WHAVSTOR_138KV_BK127 55557	28.97 1.01 0.00	26.69 0.90 0.00	25.04 0.87 0.00	24.73 0.91 0.00	24.80 0.88 0.00	27.93 1.02 0.00	35.60 1.70 0.00	43.38 2.57 0.00	35.94 1.97 0.00	31.61 1.62 0.00	30.98 1.67 0.00	29.85 1.66 0.00	29.58 1.70 0.00	29.31 1.68 0.00	29.77 1.68 0.00	31.87 1.69 0.00	38.82 2.47 0.00	49.84 3.56 0.00	44.04 2.88 0.00	38.28 2.44 0.00	36.16 2.01 0.00	33.60 1.75 0.00	31.45 1.64 0.00	30.49 1.31 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	28.97 1.01 0.00	26.69 0.90 0.00	25.04 0.87 0.00	24.73 0.91 0.00	24.80 0.88 0.00	27.93 1.02 0.00	35.60 1.70 0.00	43.38 2.57 0.00	35.94 1.97 0.00	31.61 1.62 0.00	30.98 1.67 0.00	29.85 1.66 0.00	29.58 1.70 0.00	29.31 1.68 0.00	29.77 1.68 0.00	31.87 1.69 0.00	38.82 2.47 0.00	49.84 3.56 0.00	44.04 2.88 0.00	38.28 2.44 0.00	36.16 2.01 0.00	33.60 1.75 0.00	31.45 1.64 0.00	30.49 1.31 0.00
WHITEHAL_115KV_TB1 80871	30.06 2.10 0.00	27.67 1.88 0.00	25.91 1.74 0.00	25.51 1.69 0.00	25.69 1.77 0.00	28.46 1.56 0.00	36.34 2.44 0.00	44.04 3.22 0.00	36.38 2.41 0.00	31.58 1.59 0.00	30.80 1.49 0.00	29.57 1.38 0.00	29.22 1.34 0.00	28.98 1.35 0.00	29.54 1.46 0.00	32.20 2.02 0.00	39.11 2.76 0.00	50.12 3.84 0.00	44.37 3.21 0.00	38.53 2.69 0.00	36.53 2.39 0.00	33.79 1.94 0.00	31.39 1.58 0.00	30.57 1.40 0.00

WHITEPLN_13_KV_LOAD 356215	29.36 1.40 0.00	27.05 1.26 0.00	25.35 1.18 0.00	25.04 1.21 0.00	25.11 1.20 0.00	28.27 1.37 0.00	36.14 2.24 0.00	44.16 3.35 0.00	36.58 2.62 0.00	32.24 2.25 0.00	31.53 2.23 0.00	30.41 2.23 0.00	30.14 2.26 0.00	29.86 2.24 0.00	30.33 2.25 0.00	32.48 2.29 0.00	39.62 3.27 0.00	50.86 4.58 0.00	44.95 3.79 0.00	39.03 3.19 0.00	36.84 2.70 0.00	34.14 2.29 0.00	31.89 2.09 0.00	30.95 1.78 0.00
WM_FLOYD_69_KV_BK2 356380	29.92 1.96 0.00	27.49 1.70 0.00	26.18 1.96 -0.05	25.66 1.83 0.00	26.07 2.06 -0.09	29.47 1.88 -0.68	40.14 3.05 -3.19	48.19 4.41 -2.97	46.27 3.63 -8.67	37.72 3.09 -4.64	34.73 3.08 -2.35	35.36 2.99 -4.19	32.52 3.04 -1.59	30.44 2.82 0.00	32.76 2.70 -1.98	40.21 2.93 -7.11	49.73 4.29 -9.09	69.67 5.78 -17.61	60.01 4.90 -13.95	49.29 4.37 -9.07	46.91 3.79 -8.97	43.09 3.18 -8.06	34.25 2.80 -1.64	33.33 2.60 -1.56
WOODARD__115KV_TB2 355635	27.60 -0.36 0.00	25.45 -0.34 0.00	23.78 -0.39 0.00	23.42 -0.40 0.00	23.54 -0.38 0.00	26.50 -0.40 0.00	33.44 -0.47 -0.01	42.25 -0.61 -2.05	33.46 -0.78 -0.28	29.39 -0.60 0.00	28.69 -0.62 0.00	27.57 -0.62 0.00	27.21 -0.67 0.00	26.96 -0.66 0.00	27.41 -0.67 0.00	29.49 -0.69 -0.01	35.92 -0.44 -0.01	47.14 -0.37 -1.23	41.32 -0.41 -0.57	35.49 -0.36 -0.01	33.67 -0.48 -0.01	31.28 -0.57 -0.01	29.18 -0.63 0.00	28.74 -0.44 0.00
YORK___WARBASSE 23770	29.41 1.45 0.00	27.18 1.39 0.00	25.45 1.28 0.00	25.13 1.31 0.00	25.21 1.29 0.00	28.22 1.32 0.00	36.10 2.20 0.00	43.92 3.10 0.00	36.41 2.45 0.00	32.12 2.13 0.00	31.36 2.05 0.00	30.24 2.06 0.00	30.03 2.15 0.00	29.80 2.18 0.00	30.30 2.22 0.00	32.38 2.20 0.00	39.60 3.24 -0.01	50.68 4.40 -0.01	44.80 3.62 -0.01	39.01 3.15 -0.01	36.70 2.56 0.00	34.17 2.32 0.00	32.10 2.30 0.00	31.11 1.93 -0.01