

# Day Ahead Market Generator LBMP

Generator Data		--- Marginal Cost of Losses															--- Marginal Cost of Congestion										06/13/2025		
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00				
59TH STREET_GT_1	24138	32.02	27.93	25.81	24.00	23.77	26.22	30.73	33.76	32.34	32.14	31.00	36.04	36.75	39.64	43.12	44.65	46.94	64.03	53.11	48.93	46.58	42.23	36.86	32.34				
		2.51	2.05	1.91	1.80	1.78	1.94	2.17	2.64	2.70	2.49	2.43	2.43	2.45	2.54	2.69	2.72	3.19	3.53	4.05	3.46	3.05	2.87	2.31	1.92				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.26	-1.90	-7.15	-7.32	-10.34	-13.02	-13.02	-6.67	-18.42	-0.85	0.00	0.00	0.00	0.00	-0.01				
74TH STREET_GT_1	24260	32.05	27.96	25.83	24.00	23.79	26.22	30.70	33.76	32.34	32.14	31.00	37.21	37.52	40.24	43.66	44.64	46.89	63.96	53.11	48.93	46.63	42.23	36.89	32.41				
		2.54	2.07	1.94	1.80	1.80	1.94	2.14	2.64	2.70	2.49	2.43	2.38	2.40	2.49	2.63	2.72	3.15	3.49	4.05	3.46	3.09	2.87	2.35	1.98				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.26	-1.90	-8.37	-8.15	-11.00	-13.61	-13.01	-6.66	-18.40	-0.85	0.00	0.00	0.00	0.00	-0.01				
74TH STREET_GT_2	24261	32.05	27.96	25.83	24.00	23.79	26.22	30.70	33.76	32.34	32.14	31.00	37.21	37.52	40.24	43.66	44.64	46.89	63.96	53.11	48.93	46.63	42.23	36.89	32.41				
		2.54	2.07	1.94	1.80	1.80	1.94	2.14	2.64	2.70	2.49	2.43	2.38	2.40	2.49	2.63	2.72	3.15	3.49	4.05	3.46	3.09	2.87	2.35	1.98				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.26	-1.90	-8.37	-8.15	-11.00	-13.61	-13.01	-6.66	-18.40	-0.85	0.00	0.00	0.00	0.00	-0.01				
ADK HUDSON___FALLS	24011	31.34	27.49	25.38	23.56	23.28	25.59	29.99	32.58	30.95	27.85	27.22	26.95	27.24	26.68	27.26	28.60	37.04	41.60	50.37	47.71	45.75	41.32	36.17	31.98				
		1.83	1.60	1.48	1.35	1.30	1.31	1.43	1.46	1.30	0.99	0.88	0.85	0.78	0.83	1.10	1.24	1.41	1.73	2.27	2.23	2.22	1.97	1.62	1.58				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.33	0.35	0.52	0.91	1.26	1.55	1.44	2.20	0.10	0.00	0.00	0.00	0.00	0.01				
ADK RESOURCE___RCVRY	23798	31.87	27.91	25.74	23.89	23.59	25.95	30.33	32.98	31.33	28.17	27.49	27.43	27.60	26.99	27.69	29.00	37.58	42.27	51.15	48.57	46.58	42.03	36.75	32.53				
		2.36	2.02	1.84	1.69	1.60	1.67	1.77	1.87	1.69	1.29	1.15	1.14	1.02	1.04	1.42	1.62	1.89	2.35	3.04	3.09	3.05	2.68	2.21	2.13				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.32	0.17	0.40	0.80	1.16	1.53	1.38	2.15	0.10	0.00	0.00	0.00	0.00	0.01				
ADK S GLENS___FALLS	24028	31.34	27.49	25.38	23.56	23.28	25.59	29.99	32.58	30.95	27.85	27.22	26.95	27.24	26.68	27.26	28.60	37.04	41.60	50.37	47.71	45.75	41.32	36.17	31.98				
		1.83	1.60	1.48	1.35	1.30	1.31	1.43	1.46	1.30	0.99	0.88	0.85	0.78	0.83	1.10	1.24	1.41	1.73	2.27	2.23	2.22	1.97	1.62	1.58				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.33	0.35	0.52	0.91	1.26	1.55	1.44	2.20	0.10	0.00	0.00	0.00	0.00	0.01				
ADK_NYS___DAM	23527	30.78	26.97	25.00	23.21	23.00	25.40	29.64	32.39	30.89	27.48	27.04	26.82	27.18	26.61	27.02	28.21	35.93	40.87	49.87	47.16	45.10	40.65	35.51	31.18				
		1.27	1.09	1.10	1.00	1.01	1.12	1.08	1.28	1.24	1.01	0.91	0.90	0.92	0.99	1.18	1.24	1.33	1.51	1.78	1.68	1.56	1.30	0.97	0.79				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.93	0.54	0.53	0.71	1.14	1.57	1.94	2.48	2.71	0.13	0.00	0.00	0.00	0.00	0.03				
AIR_PRODUCTS___DRP	24190	29.84	26.17	24.21	22.49	22.25	24.55	28.73	31.30	29.73	27.03	26.59	26.31	26.66	26.08	26.53	27.69	35.88	39.90	48.30	45.57	43.58	39.40	34.51	30.34				
		0.32	0.28	0.31	0.29	0.26	0.27	0.17	0.19	0.09	0.14	0.24	0.21	0.22	0.27	0.41	0.38	0.19	0.08	0.19	0.09	0.04	0.04	-0.03	-0.06				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.33	0.35	0.54	0.94	1.30	1.60	1.38	2.26	0.10	0.00	0.00	0.00	0.00	0.01				
AKWESSNE_115KV_BK	355683	29.13	25.71	23.73	22.05	21.83	24.06	28.44	31.05	29.46	27.28	26.51	26.35	26.98	26.73	27.25	28.71	37.08	42.20	48.21	45.39	43.62	39.55	34.89	30.66				
		-0.38	-0.18	-0.17	-0.16	-0.15	-0.22	-0.11	-0.06	-0.18	-0.11	-0.16	-0.11	0.00	-0.03	-0.16	-0.20	0.00	0.13	0.00	-0.09	0.09	0.20	0.35	0.24				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	30.43	26.66	24.66	22.90	22.67	25.01	29.19	31.74	30.12	27.47	26.78	26.55	26.96	26.57	27.20	28.49	36.75	41.33	48.97	46.30	44.32	40.10	35.13	30.92				
		0.92	0.78	0.76	0.69	0.68	0.73	0.63	0.62	0.47	0.36	0.29	0.19	0.21	0.29	0.47	0.49	0.45	0.55	0.82	0.82	0.78	0.75	0.59	0.52				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.18	0.09	0.23	0.48	0.69	0.91	0.77	1.29	0.06	0.00	0.00	0.00	0.00	0.01				
ALBANY_2_SOLAR	323834	30.43	26.66	24.64	22.90	22.64	25.01	29.19	31.74	30.12	27.46	26.78	26.52	26.96	26.54	27.19	28.49	36.75	41.28	48.97	46.30	44.32	40.10	35.13	30.92				
		0.92	0.78	0.74	0.69	0.66	0.73	0.63	0.62	0.47	0.36	0.29	0.16	0.21	0.27	0.47	0.49	0.45	0.51	0.82	0.82	0.78	0.75	0.59	0.52				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.18	0.09	0.23	0.48	0.69	0.91	0.77	1.30	0.06	0.00	0.00	0.00	0.00	0.01				
ALBANY___1	23571	29.84	26.17	24.21	22.49	22.25	24.55	28.73	31.30	29.73	27.03	26.59	26.31	26.66	26.08	26.53	27.69	35.88	39.90	48.30	45.57	43.58	39.40	34.51	30.34				
		0.32	0.28	0.31	0.29	0.26	0.27	0.17	0.19	0.09	0.14	0.24	0.21	0.22	0.27	0.41	0.38	0.19	0.08	0.19	0.09	0.04	0.04	-0.03	-0.06				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.33	0.35	0.54	0.94	1.30	1.60	1.38	2.26	0.10	0.00	0.00	0.00	0.00	0.01				

ALBANY___2 23572	29.84 0.32 0.00	26.17 0.28 0.00	24.21 0.31 0.00	22.49 0.29 0.00	22.25 0.26 0.00	24.55 0.27 0.00	28.73 0.17 0.00	31.30 0.19 0.00	29.73 0.09 0.00	27.03 0.14 0.50	26.59 0.24 0.33	26.31 0.21 0.35	26.66 0.22 0.54	26.08 0.27 0.94	26.53 0.41 1.30	27.69 0.38 1.60	35.88 0.19 1.38	39.90 0.08 2.26	48.30 0.19 0.10	45.57 0.09 0.00	43.58 0.04 0.00	39.40 0.04 0.00	34.51 -0.03 0.00	30.34 -0.06 0.01
ALBANY___3 23573	29.84 0.32 0.00	26.17 0.28 0.00	24.21 0.31 0.00	22.49 0.29 0.00	22.25 0.26 0.00	24.55 0.27 0.00	28.73 0.17 0.00	31.30 0.19 0.00	29.73 0.09 0.00	27.03 0.14 0.50	26.59 0.24 0.33	26.31 0.21 0.35	26.66 0.22 0.54	26.08 0.27 0.94	26.53 0.41 1.30	27.69 0.38 1.60	35.88 0.19 1.38	39.90 0.08 2.26	48.30 0.19 0.10	45.57 0.09 0.00	43.58 0.04 0.00	39.40 0.04 0.00	34.51 -0.03 0.00	30.34 -0.06 0.01
ALBANY___4 23574	29.84 0.32 0.00	26.17 0.28 0.00	24.21 0.31 0.00	22.49 0.29 0.00	22.25 0.26 0.00	24.55 0.27 0.00	28.73 0.17 0.00	31.30 0.19 0.00	29.73 0.09 0.00	27.03 0.14 0.50	26.59 0.24 0.33	26.31 0.21 0.35	26.66 0.22 0.54	26.08 0.27 0.94	26.53 0.41 1.30	27.69 0.38 1.60	35.88 0.19 1.38	39.90 0.08 2.26	48.30 0.19 0.10	45.57 0.09 0.00	43.58 0.04 0.00	39.40 0.04 0.00	34.51 -0.03 0.00	30.34 -0.06 0.01
ALBANY___LFGE 323615	30.13 0.62 0.00	26.43 0.54 0.00	24.45 0.55 0.00	22.69 0.49 0.00	22.47 0.48 0.00	24.79 0.51 0.00	28.96 0.40 0.00	31.61 0.50 0.00	30.03 0.38 0.00	27.26 0.38 0.51	26.74 0.40 0.33	26.52 0.42 0.36	26.84 0.41 0.54	26.27 0.45 0.94	26.77 0.66 1.30	27.94 0.64 1.60	36.23 0.52 1.37	40.33 0.51 2.25	48.73 0.63 0.10	46.03 0.55 0.00	44.01 0.48 0.00	39.79 0.43 0.00	34.85 0.31 0.00	30.65 0.24 0.01
ALCOA_PA_115KV_PL-6C 55860	29.22 -0.30 0.00	25.84 -0.05 0.00	23.82 -0.07 0.00	22.14 -0.07 0.00	21.92 -0.07 0.00	24.13 -0.15 0.00	28.53 -0.03 0.00	31.15 0.03 0.00	29.52 -0.12 0.00	27.33 -0.05 0.00	26.57 -0.11 0.00	26.40 -0.05 0.00	27.03 0.05 0.00	26.78 0.03 0.00	27.31 -0.11 0.00	28.76 -0.14 0.00	37.15 0.07 0.00	42.28 0.21 0.00	48.30 0.10 0.00	45.48 0.00 0.00	43.80 0.26 0.00	39.75 0.39 0.00	35.09 0.55 0.00	30.84 0.43 0.00
ALCOA_RYNLDS___DRP 24188	29.22 -0.30 0.00	25.84 -0.05 0.00	23.82 -0.07 0.00	22.14 -0.07 0.00	21.92 -0.07 0.00	24.13 -0.15 0.00	28.53 -0.03 0.00	31.15 0.03 0.00	29.52 -0.12 0.00	27.33 -0.05 0.00	26.57 -0.11 0.00	26.40 -0.05 0.00	27.03 0.05 0.00	26.78 0.03 0.00	27.31 -0.11 0.00	28.76 -0.14 0.00	37.15 0.07 0.00	42.28 0.21 0.00	48.30 0.10 0.00	45.48 0.00 0.00	43.80 0.26 0.00	39.75 0.39 0.00	35.09 0.55 0.00	30.84 0.43 0.00
ALCOA___DSASP 323711	29.22 -0.30 0.00	25.81 -0.08 0.00	23.83 -0.07 0.00	22.14 -0.07 0.00	21.92 -0.07 0.00	24.14 -0.14 0.00	28.53 -0.03 0.00	31.15 0.03 0.00	29.52 -0.12 0.00	27.33 -0.05 0.00	26.57 -0.11 0.00	26.38 -0.08 0.00	27.03 0.05 0.00	26.78 0.03 0.00	27.31 -0.11 0.00	28.76 -0.14 0.00	37.15 0.07 0.00	42.29 0.21 0.00	48.31 0.10 0.00	45.48 0.00 0.00	43.80 0.26 0.00	39.75 0.39 0.00	35.09 0.55 0.00	30.84 0.43 0.00
ALLEGHENY___COGEN 23514	30.28 0.77 0.00	26.61 0.72 0.00	24.40 0.50 0.00	22.67 0.47 0.00	22.40 0.42 0.00	24.67 0.39 0.00	28.84 0.29 0.00	30.99 -0.12 0.00	29.61 -0.03 0.00	27.20 -0.25 -0.06	26.56 -0.16 -0.05	26.21 -0.26 -0.02	26.58 -0.48 -0.09	26.48 -0.48 -0.20	27.22 -0.49 -0.30	28.96 -0.35 -0.39	36.73 -0.52 -0.17	41.82 -0.80 -0.55	48.19 -0.05 -0.03	46.25 0.77 0.00	44.54 1.00 0.00	40.03 0.67 0.00	35.06 0.52 0.00	31.24 0.82 0.00
ALTAMONT_115KV_TB 2 55880	30.28 0.77 0.00	26.53 0.65 0.00	24.52 0.62 0.00	22.78 0.58 0.00	22.56 0.57 0.00	24.89 0.61 0.00	29.16 0.60 0.00	31.77 0.65 0.00	30.29 0.65 0.00	27.57 0.55 0.37	26.94 0.53 0.27	26.66 0.50 0.30	27.00 0.51 0.49	26.41 0.56 0.91	26.82 0.66 1.25	28.03 0.66 1.54	36.66 0.63 1.05	40.50 0.63 2.20	48.93 0.82 0.10	46.21 0.73 0.00	44.19 0.65 0.00	39.95 0.59 0.00	34.99 0.45 0.00	30.77 0.36 0.01
ALTONA_WT_PWR 323606	29.40 -0.12 0.00	25.94 0.05 0.00	23.94 0.05 0.00	22.27 0.07 0.00	22.05 0.07 0.00	24.30 0.02 0.00	28.56 0.00 0.00	31.21 0.09 0.00	29.64 0.00 0.00	27.42 0.03 0.00	26.65 -0.03 0.00	26.43 -0.03 0.00	27.08 0.11 0.00	26.81 0.05 0.00	27.36 -0.05 0.00	28.82 -0.09 0.00	37.26 0.19 0.00	42.41 0.34 0.00	48.31 0.10 0.00	45.52 0.05 0.00	43.84 0.31 0.00	40.07 0.71 0.00	35.30 0.76 0.00	30.99 0.58 0.00
AMERICAN_REF_FUEL 24010	28.51 -1.00 0.00	25.03 -0.85 0.00	23.04 -0.86 0.00	21.43 -0.78 0.00	21.15 -0.84 0.00	23.33 -0.95 0.00	26.93 -1.63 0.00	28.72 -2.40 0.00	28.07 -1.57 0.00	25.99 -1.45 -0.05	25.62 -1.09 -0.04	25.33 -1.14 -0.01	25.65 -1.40 -0.07	25.57 -1.36 -0.18	26.03 -1.64 -0.26	27.54 -1.71 -0.34	34.74 -2.48 -0.15	39.19 -3.37 -0.48	44.66 -3.57 -0.02	42.38 -3.09 0.00	40.75 -2.79 0.00	36.56 -2.79 0.00	32.09 -2.45 0.00	29.17 -1.25 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.57 0.06 0.00	25.86 -0.03 0.00	23.66 -0.24 0.00	21.96 -0.24 0.00	21.68 -0.31 0.00	23.96 -0.32 0.00	27.93 -0.63 0.00	30.06 -1.06 0.00	29.38 -0.27 0.00	27.31 -0.14 -0.06	26.91 0.19 -0.05	26.61 0.13 -0.02	26.93 -0.13 -0.08	26.82 -0.13 -0.20	27.35 -0.36 -0.29	29.03 -0.26 -0.38	36.69 -0.56 -0.17	41.26 -1.35 -0.54	47.08 -1.16 -0.02	44.52 -0.96 0.00	42.66 -0.87 0.00	38.33 -1.02 0.00	33.64 -0.90 0.00	30.29 -0.12 0.00
ARTHUR KILL_GT_1 23520	32.21 2.69 -0.01	28.10 2.20 -0.01	25.91 2.01 -0.01	24.10 1.89 -0.01	23.88 1.89 -0.01	26.27 1.99 0.00	30.62 2.06 0.00	33.61 2.49 0.00	32.16 2.52 0.00	32.03 2.38 -2.26	30.92 2.35 -1.90	36.48 2.06 -7.96	36.95 2.10 -7.87	39.75 2.22 -10.78	43.11 2.36 -13.33	44.31 2.40 -13.00	46.48 2.74 -6.66	63.58 3.11 -18.39	52.57 3.52 -0.84	48.43 2.96 0.01	46.09 2.57 0.01	41.99 2.64 0.00	37.03 2.49 0.00	32.63 2.19 -0.02
ARTHUR_KILL_2 23512	32.09 2.57 -0.01	28.02 2.12 -0.01	25.84 1.93 -0.01	24.04 1.82 -0.01	23.80 1.80 -0.01	26.12 1.84 0.00	30.47 1.91 0.00	33.51 2.40 0.00	32.07 2.43 0.00	31.95 2.30 -2.26	30.82 2.24 -1.90	36.40 1.99 -7.96	36.84 2.00 -7.87	39.62 2.09 -10.78	43.00 2.25 -13.33	44.22 2.31 -13.00	46.33 2.59 -6.66	63.32 2.90 -18.34	52.33 3.28 -0.84	48.20 2.73 0.01	45.88 2.35 0.01	41.84 2.48 0.00	36.89 2.35 0.00	32.53 2.10 -0.02
ARTHUR_KILL_3 23513	31.73 2.21 0.00	27.62 1.73 0.00	25.54 1.65 0.00	23.78 1.58 0.00	23.57 1.58 0.00	25.91 1.63 0.00	30.33 1.77 0.00	33.42 2.30 0.00	32.01 2.37 0.00	31.84 2.19 -2.26	30.68 2.11 -1.90	36.55 2.14 -7.95	37.00 2.16 -7.86	39.75 2.22 -10.77	43.10 2.36 -13.33	44.35 2.43 -13.01	46.53 2.78 -6.67	63.51 3.07 -18.36	52.57 3.52 -0.85	48.43 2.95 0.00	46.15 2.61 0.00	41.88 2.52 0.00	36.54 2.00 0.00	32.07 1.64 -0.01

ARTHUR_KILL_COGEN 323718	32.21 2.69 -0.01	28.09 2.20 -0.01	25.91 2.01 -0.01	24.10 1.89 -0.01	23.88 1.89 -0.01	26.20 1.92 0.00	30.59 2.03 0.00	33.61 2.49 0.00	32.16 2.52 0.00	32.03 2.38 -2.26	30.89 2.32 -1.90	36.48 2.06 -7.96	36.95 2.11 -7.87	39.73 2.19 -10.78	43.11 2.36 -13.33	44.34 2.43 -13.00	46.48 2.74 -6.66	63.53 3.11 -18.34	52.52 3.47 -0.84	48.43 2.95 0.01	46.05 2.52 0.01	41.99 2.64 0.00	37.03 2.49 0.00	32.63 2.19 -0.02
ASHOKAN____ 23654	31.49 1.98 0.00	27.47 1.58 0.00	25.33 1.43 0.00	23.54 1.33 0.00	23.30 1.32 0.00	25.79 1.51 0.00	30.07 1.51 0.00	32.83 1.71 0.00	31.18 1.54 0.00	29.45 1.73 -0.33	28.55 1.57 -0.30	26.74 0.19 -0.10	29.07 1.59 -0.50	29.58 1.63 -1.20	30.97 1.84 -1.72	33.12 1.94 -2.27	40.65 2.56 -1.01	48.40 3.16 -3.17	52.12 3.76 -0.15	47.98 2.50 0.00	45.88 2.35 0.00	41.48 2.12 0.00	36.37 1.83 0.00	31.93 1.52 0.00
ASTORIA_EAST_ENERGY_CC1 323581	32.00 2.48 -0.01	27.84 1.94 -0.01	25.84 1.93 -0.01	24.04 1.82 -0.01	23.82 1.82 -0.01	26.08 1.80 0.00	30.41 1.86 0.00	33.44 2.33 0.01	32.07 2.43 0.01	31.94 2.30 -2.25	30.83 2.27 -1.90	36.45 2.19 -7.80	36.92 2.18 -7.76	39.72 2.27 -10.69	43.19 2.44 -13.33	44.37 2.46 -13.00	46.44 2.71 -6.66	63.36 2.94 -18.34	52.37 3.32 -0.84	48.34 2.87 0.01	46.01 2.48 0.01	41.88 2.52 0.00	36.75 2.21 0.00	32.38 1.95 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	32.00 2.48 -0.01	27.84 1.94 -0.01	25.84 1.93 -0.01	24.04 1.82 -0.01	23.82 1.82 -0.01	26.08 1.80 0.00	30.41 1.86 0.00	33.44 2.33 0.01	32.07 2.43 0.01	31.94 2.30 -2.25	30.83 2.27 -1.90	36.45 2.19 -7.80	36.92 2.18 -7.76	39.72 2.27 -10.69	43.19 2.44 -13.33	44.37 2.46 -13.00	46.44 2.71 -6.66	63.36 2.94 -18.34	52.37 3.32 -0.84	48.34 2.87 0.01	46.01 2.48 0.01	41.88 2.52 0.00	36.75 2.21 0.00	32.38 1.95 -0.01
ASTORIA_GT2_1 24094	32.00 2.48 -0.01	27.86 1.97 -0.01	25.84 1.94 -0.01	24.03 1.82 -0.01	23.82 1.82 -0.01	26.27 1.99 0.00	30.47 1.91 0.00	33.45 2.33 0.00	32.07 2.43 0.00	31.97 2.33 -2.26	30.90 2.32 -1.90	36.48 2.22 -7.80	36.98 2.24 -7.76	39.77 2.33 -10.69	43.22 2.47 -13.33	44.35 2.43 -13.01	46.45 2.71 -6.66	63.46 2.99 -18.40	52.43 3.37 -0.85	48.34 2.87 0.00	46.06 2.52 0.00	41.88 2.52 0.00	36.79 2.25 0.00	32.41 1.98 -0.01
ASTORIA_GT2_2 24095	32.00 2.48 -0.01	27.86 1.97 -0.01	25.84 1.94 -0.01	24.03 1.82 -0.01	23.82 1.82 -0.01	26.27 1.99 0.00	30.47 1.91 0.00	33.45 2.33 0.00	32.07 2.43 0.00	31.97 2.33 -2.26	30.90 2.32 -1.90	36.48 2.22 -7.80	36.98 2.24 -7.76	39.77 2.33 -10.69	43.22 2.47 -13.33	44.35 2.43 -13.01	46.45 2.71 -6.66	63.46 2.99 -18.40	52.43 3.37 -0.85	48.34 2.87 0.00	46.06 2.52 0.00	41.88 2.52 0.00	36.79 2.25 0.00	32.41 1.98 -0.01
ASTORIA_GT2_3 24096	32.00 2.48 -0.01	27.86 1.97 -0.01	25.84 1.94 -0.01	24.03 1.82 -0.01	23.82 1.82 -0.01	26.27 1.99 0.00	30.47 1.91 0.00	33.45 2.33 0.00	32.07 2.43 0.00	31.97 2.33 -2.26	30.90 2.32 -1.90	36.48 2.22 -7.80	36.98 2.24 -7.76	39.77 2.33 -10.69	43.22 2.47 -13.33	44.35 2.43 -13.01	46.45 2.71 -6.66	63.46 2.99 -18.40	52.43 3.37 -0.85	48.34 2.87 0.00	46.06 2.52 0.00	41.88 2.52 0.00	36.79 2.25 0.00	32.41 1.98 -0.01
ASTORIA_GT2_4 24097	32.00 2.48 -0.01	27.86 1.97 -0.01	25.84 1.94 -0.01	24.03 1.82 -0.01	23.82 1.82 -0.01	26.27 1.99 0.00	30.47 1.91 0.00	33.45 2.33 0.00	32.07 2.43 0.00	31.97 2.33 -2.26	30.90 2.32 -1.90	36.48 2.22 -7.80	36.98 2.24 -7.76	39.77 2.33 -10.69	43.22 2.47 -13.33	44.35 2.43 -13.01	46.45 2.71 -6.66	63.46 2.99 -18.40	52.43 3.37 -0.85	48.34 2.87 0.00	46.06 2.52 0.00	41.88 2.52 0.00	36.79 2.25 0.00	32.41 1.98 -0.01
ASTORIA_GT3_1 24098	32.00 2.48 -0.01	27.86 1.97 -0.01	25.84 1.94 -0.01	24.03 1.82 -0.01	23.82 1.82 -0.01	26.27 1.99 0.00	30.47 1.91 0.00	33.45 2.33 0.00	32.07 2.43 0.00	31.97 2.33 -2.26	30.90 2.32 -1.90	36.48 2.22 -7.80	36.98 2.24 -7.76	39.77 2.33 -10.69	43.22 2.47 -13.33	44.35 2.43 -13.01	46.45 2.71 -6.66	63.46 2.99 -18.40	52.43 3.37 -0.85	48.34 2.87 0.00	46.06 2.52 0.00	41.88 2.52 0.00	36.79 2.25 0.00	32.41 1.98 -0.01
ASTORIA_GT3_2 24099	32.00 2.48 -0.01	27.86 1.97 -0.01	25.84 1.94 -0.01	24.03 1.82 -0.01	23.82 1.82 -0.01	26.27 1.99 0.00	30.47 1.91 0.00	33.45 2.33 0.00	32.07 2.43 0.00	31.97 2.33 -2.26	30.90 2.32 -1.90	36.48 2.22 -7.80	36.98 2.24 -7.76	39.77 2.33 -10.69	43.22 2.47 -13.33	44.35 2.43 -13.01	46.45 2.71 -6.66	63.46 2.99 -18.40	52.43 3.37 -0.85	48.34 2.87 0.00	46.06 2.52 0.00	41.88 2.52 0.00	36.79 2.25 0.00	32.41 1.98 -0.01
ASTORIA_GT3_3 24100	32.00 2.48 -0.01	27.86 1.97 -0.01	25.84 1.94 -0.01	24.03 1.82 -0.01	23.82 1.82 -0.01	26.27 1.99 0.00	30.47 1.91 0.00	33.45 2.33 0.00	32.07 2.43 0.00	31.97 2.33 -2.26	30.90 2.32 -1.90	36.48 2.22 -7.80	36.98 2.24 -7.76	39.77 2.33 -10.69	43.22 2.47 -13.33	44.35 2.43 -13.01	46.45 2.71 -6.66	63.46 2.99 -18.40	52.43 3.37 -0.85	48.34 2.87 0.00	46.06 2.52 0.00	41.88 2.52 0.00	36.79 2.25 0.00	32.41 1.98 -0.01
ASTORIA_GT3_4 24101	32.00 2.48 -0.01	27.86 1.97 -0.01	25.84 1.94 -0.01	24.03 1.82 -0.01	23.82 1.82 -0.01	26.27 1.99 0.00	30.47 1.91 0.00	33.45 2.33 0.00	32.07 2.43 0.00	31.97 2.33 -2.26	30.90 2.32 -1.90	36.48 2.22 -7.80	36.98 2.24 -7.76	39.77 2.33 -10.69	43.22 2.47 -13.33	44.35 2.43 -13.01	46.45 2.71 -6.66	63.46 2.99 -18.40	52.43 3.37 -0.85	48.34 2.87 0.00	46.06 2.52 0.00	41.88 2.52 0.00	36.79 2.25 0.00	32.41 1.98 -0.01
ASTORIA_GT4_1 24102	32.00 2.48 -0.01	27.86 1.97 -0.01	25.84 1.94 -0.01	24.03 1.82 -0.01	23.82 1.82 -0.01	26.27 1.99 0.00	30.47 1.91 0.00	33.45 2.33 0.00	32.07 2.43 0.00	31.97 2.33 -2.26	30.90 2.32 -1.90	36.48 2.22 -7.80	36.98 2.24 -7.76	39.77 2.33 -10.69	43.22 2.47 -13.33	44.35 2.43 -13.01	46.45 2.71 -6.66	63.46 2.99 -18.40	52.43 3.37 -0.85	48.34 2.87 0.00	46.06 2.52 0.00	41.88 2.52 0.00	36.79 2.25 0.00	32.41 1.98 -0.01
ASTORIA_GT4_2 24103	32.00 2.48 -0.01	27.86 1.97 -0.01	25.84 1.94 -0.01	24.03 1.82 -0.01	23.82 1.82 -0.01	26.27 1.99 0.00	30.47 1.91 0.00	33.45 2.33 0.00	32.07 2.43 0.00	31.97 2.33 -2.26	30.90 2.32 -1.90	36.48 2.22 -7.80	36.98 2.24 -7.76	39.77 2.33 -10.69	43.22 2.47 -13.33	44.35 2.43 -13.01	46.45 2.71 -6.66	63.46 2.99 -18.40	52.43 3.37 -0.85	48.34 2.87 0.00	46.06 2.52 0.00	41.88 2.52 0.00	36.79 2.25 0.00	32.41 1.98 -0.01
ASTORIA_GT4_3 24104	32.00 2.48 -0.01	27.86 1.97 -0.01	25.84 1.94 -0.01	24.03 1.82 -0.01	23.82 1.82 -0.01	26.27 1.99 0.00	30.47 1.91 0.00	33.45 2.33 0.00	32.07 2.43 0.00	31.97 2.33 -2.26	30.90 2.32 -1.90	36.48 2.22 -7.80	36.98 2.24 -7.76	39.77 2.33 -10.69	43.22 2.47 -13.33	44.35 2.43 -13.01	46.45 2.71 -6.66	63.46 2.99 -18.40	52.43 3.37 -0.85	48.34 2.87 0.00	46.06 2.52 0.00	41.88 2.52 0.00	36.79 2.25 0.00	32.41 1.98 -0.01

ASTORIA_GT4_4 24105	32.00 2.48 -0.01	27.86 1.97 -0.01	25.84 1.94 -0.01	24.03 1.82 -0.01	23.82 1.82 -0.01	26.27 1.99 0.00	30.47 1.91 0.00	33.45 2.33 0.00	32.07 2.43 0.00	31.97 2.33 -2.26	30.90 2.32 -1.90	36.48 2.22 -7.80	36.98 2.24 -7.76	39.77 2.33 -10.69	43.22 2.47 -13.33	44.35 2.43 -13.01	46.45 2.71 -6.66	63.46 2.99 -18.40	52.43 3.37 -0.85	48.34 2.87 0.00	46.06 2.52 0.00	41.88 2.52 0.00	36.79 2.25 0.00	32.41 1.98 -0.01
ASTORIA_GT_1 23523	32.06 2.54 -0.01	27.89 1.99 -0.01	25.89 1.98 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.32 2.04 0.00	30.53 1.97 0.00	33.51 2.40 0.00	32.13 2.49 0.00	32.03 2.38 -2.26	30.95 2.37 -1.90	36.53 2.28 -7.80	37.03 2.29 -7.76	39.83 2.38 -10.69	43.27 2.52 -13.33	44.43 2.51 -13.01	46.56 2.82 -6.66	63.54 3.07 -18.40	52.58 3.52 -0.85	48.48 3.00 0.00	46.19 2.66 0.00	41.95 2.60 0.00	36.86 2.31 0.00	32.47 2.04 -0.01
ASTORIA_GT_10 24110	32.00 2.48 -0.01	27.89 1.99 -0.01	25.79 1.89 -0.01	23.97 1.75 -0.01	23.75 1.76 -0.01	26.17 1.89 0.00	30.56 2.00 0.00	33.58 2.46 0.00	32.16 2.52 0.00	32.00 2.36 -2.26	30.87 2.29 -1.90	37.03 2.20 -8.37	37.31 2.19 -8.15	40.03 2.27 -11.00	43.44 2.41 -13.61	44.41 2.49 -13.01	46.56 2.82 -6.66	63.59 3.11 -18.40	52.63 3.57 -0.85	48.48 3.00 0.00	46.19 2.66 0.00	41.95 2.60 0.00	36.75 2.21 0.00	32.31 1.89 -0.01
ASTORIA_GT_11 24225	32.00 2.48 -0.01	27.89 1.99 -0.01	25.79 1.89 -0.01	23.97 1.75 -0.01	23.75 1.76 -0.01	26.17 1.89 0.00	30.56 2.00 0.00	33.58 2.46 0.00	32.16 2.52 0.00	32.00 2.36 -2.26	30.87 2.29 -1.90	37.03 2.20 -8.37	37.31 2.19 -8.15	40.03 2.27 -11.00	43.44 2.41 -13.61	44.41 2.49 -13.01	46.56 2.82 -6.66	63.59 3.11 -18.40	52.63 3.57 -0.85	48.48 3.00 0.00	46.19 2.66 0.00	41.95 2.60 0.00	36.75 2.21 0.00	32.31 1.89 -0.01
ASTORIA_GT_12 24226	32.00 2.48 -0.01	27.89 1.99 -0.01	25.79 1.89 -0.01	23.97 1.75 -0.01	23.75 1.76 -0.01	26.17 1.89 0.00	30.56 2.00 0.00	33.58 2.46 0.00	32.16 2.52 0.00	32.00 2.36 -2.26	30.87 2.29 -1.90	37.03 2.20 -8.37	37.31 2.19 -8.15	40.03 2.27 -11.00	43.44 2.41 -13.61	44.41 2.49 -13.01	46.56 2.82 -6.66	63.59 3.11 -18.40	52.63 3.57 -0.85	48.48 3.00 0.00	46.19 2.66 0.00	41.95 2.60 0.00	36.75 2.21 0.00	32.31 1.89 -0.01
ASTORIA_GT_13 24227	32.00 2.48 -0.01	27.89 1.99 -0.01	25.79 1.89 -0.01	23.97 1.75 -0.01	23.75 1.76 -0.01	26.17 1.89 0.00	30.56 2.00 0.00	33.58 2.46 0.00	32.16 2.52 0.00	32.00 2.36 -2.26	30.87 2.29 -1.90	37.03 2.20 -8.37	37.31 2.19 -8.15	40.03 2.27 -11.00	43.44 2.41 -13.61	44.41 2.49 -13.01	46.56 2.82 -6.66	63.59 3.11 -18.40	52.63 3.57 -0.85	48.48 3.00 0.00	46.19 2.66 0.00	41.95 2.60 0.00	36.75 2.21 0.00	32.31 1.89 -0.01
ASTORIA_GT_5 24106	32.06 2.54 -0.01	27.89 1.99 -0.01	25.89 1.98 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.32 2.04 0.00	30.53 1.97 0.00	33.51 2.40 0.00	32.13 2.49 0.00	32.03 2.38 -2.26	30.95 2.37 -1.90	36.53 2.28 -7.80	37.03 2.29 -7.76	39.83 2.38 -10.69	43.27 2.52 -13.33	44.43 2.51 -13.01	46.56 2.82 -6.66	63.54 3.07 -18.40	52.58 3.52 -0.85	48.48 3.00 0.00	46.19 2.66 0.00	41.95 2.60 0.00	36.86 2.31 0.00	32.47 2.04 -0.01
ASTORIA_GT_7 24107	32.06 2.54 -0.01	27.89 1.99 -0.01	25.89 1.98 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.32 2.04 0.00	30.53 1.97 0.00	33.51 2.40 0.00	32.13 2.49 0.00	32.03 2.38 -2.26	30.95 2.37 -1.90	36.53 2.28 -7.80	37.03 2.29 -7.76	39.83 2.38 -10.69	43.27 2.52 -13.33	44.43 2.51 -13.01	46.56 2.82 -6.66	63.54 3.07 -18.40	52.58 3.52 -0.85	48.48 3.00 0.00	46.19 2.66 0.00	41.95 2.60 0.00	36.86 2.31 0.00	32.47 2.04 -0.01
ASTORIA_GT_8 24108	32.06 2.54 -0.01	27.89 1.99 -0.01	25.89 1.98 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.32 2.04 0.00	30.53 1.97 0.00	33.51 2.40 0.00	32.13 2.49 0.00	32.03 2.38 -2.26	30.95 2.37 -1.90	36.53 2.28 -7.80	37.03 2.29 -7.76	39.83 2.38 -10.69	43.27 2.52 -13.33	44.43 2.51 -13.01	46.56 2.82 -6.66	63.54 3.07 -18.40	52.58 3.52 -0.85	48.48 3.00 0.00	46.19 2.66 0.00	41.95 2.60 0.00	36.86 2.31 0.00	32.47 2.04 -0.01
ASTORIA___2 24149	32.00 2.48 -0.01	27.84 1.94 -0.01	25.84 1.93 -0.01	24.04 1.82 -0.01	23.82 1.82 -0.01	26.08 1.80 0.00	30.41 1.86 0.00	33.44 2.33 0.01	32.07 2.43 0.01	31.96 2.33 -2.25	30.83 2.27 -1.90	36.48 2.22 -7.80	36.95 2.21 -7.76	39.72 2.27 -10.69	43.22 2.47 -13.33	44.37 2.46 -13.00	46.44 2.71 -6.66	63.40 2.99 -18.34	52.37 3.32 -0.84	48.34 2.87 0.01	46.05 2.52 0.01	41.88 2.52 0.00	36.75 2.21 0.00	32.40 1.98 -0.01
ASTORIA___3 23516	32.00 2.48 -0.01	27.89 1.99 -0.01	25.79 1.89 -0.01	23.99 1.78 -0.01	23.75 1.76 -0.01	26.10 1.82 0.00	30.50 1.94 0.00	33.57 2.46 0.00	32.16 2.52 0.00	32.00 2.36 -2.26	30.87 2.29 -1.90	37.00 2.17 -8.37	37.31 2.18 -8.15	40.00 2.25 -11.00	43.44 2.41 -13.61	44.43 2.51 -13.01	46.56 2.82 -6.67	63.54 3.11 -18.35	52.57 3.52 -0.85	48.48 3.00 0.00	46.19 2.66 0.00	41.95 2.60 0.00	36.75 2.21 0.00	32.31 1.89 -0.01
ASTORIA___4 23517	32.00 2.48 -0.01	27.89 1.99 -0.01	25.79 1.89 -0.01	23.97 1.75 -0.01	23.75 1.76 -0.01	26.17 1.89 0.00	30.56 2.00 0.00	33.58 2.46 0.00	32.16 2.52 0.00	32.00 2.36 -2.26	30.87 2.29 -1.90	37.03 2.20 -8.37	37.31 2.19 -8.15	40.03 2.27 -11.00	43.44 2.41 -13.61	44.41 2.49 -13.01	46.56 2.82 -6.66	63.59 3.11 -18.40	52.63 3.57 -0.85	48.48 3.00 0.00	46.19 2.66 0.00	41.95 2.60 0.00	36.75 2.21 0.00	32.31 1.89 -0.01
ASTORIA___5 23518	32.00 2.48 -0.01	27.89 1.99 -0.01	25.79 1.89 -0.01	23.99 1.78 -0.01	23.75 1.76 -0.01	26.10 1.82 0.00	30.50 1.94 0.00	33.57 2.46 0.00	32.16 2.52 0.00	32.00 2.36 -2.26	30.87 2.29 -1.90	37.00 2.17 -8.37	37.31 2.18 -8.15	40.00 2.25 -11.00	43.44 2.41 -13.61	44.43 2.51 -13.01	46.56 2.82 -6.67	63.54 3.11 -18.35	52.57 3.52 -0.85	48.48 3.00 0.00	46.19 2.66 0.00	41.95 2.60 0.00	36.75 2.21 0.00	32.31 1.89 -0.01
AST_ENERGY_2_CC3 323677	31.21 2.30 0.61	27.72 1.84 0.00	25.66 1.77 0.00	23.87 1.67 0.00	23.64 1.65 0.00	26.00 1.72 0.00	30.41 1.86 0.00	31.21 2.36 2.27	31.21 2.43 0.86	31.21 2.25 -1.58	30.72 2.16 -1.89	32.13 2.17 -3.50	32.13 2.16 -3.00	32.13 2.22 -3.15	32.13 2.41 -2.30	32.13 2.46 -0.77	32.63 2.82 7.26	49.67 3.11 -4.49	38.75 3.57 13.02	34.73 3.05 13.79	32.63 2.66 13.56	32.63 2.56 9.28	32.13 2.07 4.48	32.13 1.70 -0.01
AST_ENERGY_2_CC4 323678	31.21 2.30 0.61	27.72 1.84 0.00	25.66 1.77 0.00	23.87 1.67 0.00	23.64 1.65 0.00	26.00 1.72 0.00	30.41 1.86 0.00	31.21 2.36 2.27	31.21 2.43 0.86	31.21 2.25 -1.58	30.72 2.16 -1.89	32.13 2.17 -3.50	32.13 2.16 -3.00	32.13 2.22 -3.15	32.13 2.41 -2.30	32.13 2.46 -0.77	32.63 2.82 7.26	49.67 3.11 -4.49	38.75 3.57 13.02	34.73 3.05 13.79	32.63 2.66 13.56	32.63 2.56 9.28	32.13 2.07 4.48	32.13 1.70 -0.01

ATHENS_STG_1 23668	30.52 1.00 0.00	26.71 0.83 0.00	24.68 0.79 0.00	22.96 0.76 0.00	22.73 0.75 0.00	25.08 0.80 0.00	29.30 0.74 0.00	32.05 0.93 0.00	30.59 0.95 0.00	28.00 0.85 0.24	27.20 0.80 0.27	26.93 0.79 0.32	27.08 0.78 0.68	26.21 0.86 1.40	26.44 0.96 1.94	27.50 0.98 2.39	37.25 0.96 0.79	39.64 0.97 3.40	49.21 1.16 0.16	46.48 1.00 0.00	44.40 0.87 0.00	40.18 0.83 0.00	35.16 0.62 0.00	30.90 0.49 0.00
ATHENS_STG_2 23670	30.52 1.00 0.00	26.71 0.83 0.00	24.68 0.79 0.00	22.96 0.76 0.00	22.73 0.75 0.00	25.08 0.80 0.00	29.30 0.74 0.00	32.05 0.93 0.00	30.59 0.95 0.00	28.00 0.85 0.24	27.20 0.80 0.27	26.93 0.79 0.32	27.08 0.78 0.68	26.21 0.86 1.40	26.44 0.96 1.94	27.50 0.98 2.39	37.25 0.96 0.79	39.64 0.97 3.40	49.21 1.16 0.16	46.48 1.00 0.00	44.40 0.87 0.00	40.18 0.83 0.00	35.16 0.62 0.00	30.90 0.49 0.00
ATHENS_STG_3 23677	30.52 1.00 0.00	26.71 0.83 0.00	24.68 0.79 0.00	22.96 0.76 0.00	22.73 0.75 0.00	25.08 0.80 0.00	29.30 0.74 0.00	32.05 0.93 0.00	30.59 0.95 0.00	28.00 0.85 0.24	27.20 0.80 0.27	26.93 0.79 0.32	27.08 0.78 0.68	26.21 0.86 1.40	26.44 0.96 1.94	27.50 0.98 2.39	37.25 0.96 0.79	39.64 0.97 3.40	49.21 1.16 0.16	46.48 1.00 0.00	44.40 0.87 0.00	40.18 0.83 0.00	35.16 0.62 0.00	30.90 0.49 0.00
AUBURN___LFGE 323710	29.63 0.12 0.00	25.96 0.08 0.00	23.90 0.00 0.00	22.21 0.00 0.00	21.99 0.00 0.00	24.26 -0.02 0.00	28.44 -0.11 0.00	30.96 -0.16 0.00	29.61 -0.03 0.00	27.31 -0.08 0.00	26.57 -0.11 0.00	26.32 -0.13 0.00	26.76 -0.22 0.00	26.54 -0.21 0.00	27.28 -0.14 0.00	28.88 -0.03 0.00	36.96 -0.11 0.00	41.74 -0.34 0.00	47.92 -0.29 0.00	45.34 -0.14 0.00	43.40 -0.13 0.00	39.16 -0.20 0.00	34.30 -0.24 0.00	30.29 -0.12 0.00
BABYLON_RES_REC 323704	43.14 2.69 -10.95	31.31 2.25 -3.17	26.06 2.15 -0.01	24.24 2.02 -0.01	24.04 2.04 -0.01	26.48 2.19 -0.01	30.91 2.34 -0.01	34.45 2.86 -0.48	32.48 2.82 -0.02	32.43 2.49 -2.55	35.70 2.37 -6.66	38.71 2.33 -9.92	40.56 2.37 -11.21	40.92 2.43 -11.72	43.07 2.41 -13.24	44.74 2.46 -13.38	50.71 2.67 -10.96	63.39 2.99 -18.33	52.54 3.47 -0.86	48.81 3.32 -0.01	46.59 3.05 -0.01	42.00 2.64 -0.01	37.56 2.59 -0.43	34.15 2.22 -1.51
BALL_HILL_WT_PWR 323825	29.28 -0.24 0.00	25.65 -0.23 0.00	23.54 -0.36 0.00	21.90 -0.31 0.00	21.61 -0.37 0.00	23.84 -0.44 0.00	27.76 -0.80 0.00	29.81 -1.31 0.00	29.08 -0.56 0.00	26.98 -0.47 -0.05	26.59 -0.13 -0.05	26.26 -0.21 -0.02	26.60 -0.46 -0.08	26.52 -0.43 -0.19	27.03 -0.66 -0.28	28.66 -0.61 -0.36	36.24 -1.00 -0.16	40.82 -1.77 -0.51	46.54 -1.69 -0.02	44.07 -1.41 0.00	42.27 -1.26 0.00	37.94 -1.42 0.00	33.33 -1.21 0.00	30.05 -0.36 0.00
BARON_WINDS___WT_PWR 323822	29.66 0.15 0.00	25.96 0.08 0.00	23.87 -0.02 0.00	22.21 0.00 0.00	21.96 -0.02 0.00	24.23 -0.05 0.00	28.30 -0.26 0.00	30.49 -0.62 0.00	29.38 -0.27 0.00	27.16 -0.30 -0.08	26.61 -0.13 -0.07	26.27 -0.21 -0.02	26.69 -0.40 -0.11	26.63 -0.40 -0.27	27.35 -0.47 -0.40	29.14 -0.29 -0.52	36.75 -0.56 -0.23	41.65 -1.13 -0.71	47.32 -0.92 -0.03	44.98 -0.50 0.00	43.10 -0.44 0.00	38.77 -0.59 0.00	33.99 -0.55 0.00	30.38 -0.03 0.00
BARRETT_IC_1 23704	41.95 2.30 -10.13	30.77 1.94 -2.94	25.83 1.91 -0.02	24.04 1.82 -0.02	23.82 1.82 -0.01	26.24 1.94 -0.02	30.66 2.08 -0.02	34.01 2.46 -0.44	32.18 2.52 -0.02	32.13 2.22 -2.52	35.05 2.08 -6.30	37.17 1.96 -8.75	39.21 1.97 -10.27	39.88 2.03 -11.09	42.41 2.25 -12.74	44.56 2.31 -13.34	49.69 2.59 -10.02	63.39 2.99 -18.33	52.54 3.47 -0.86	48.62 3.14 -0.01	46.33 2.79 -0.01	41.89 2.52 -0.01	37.04 2.11 -0.40	33.67 1.86 -1.40
BARRETT_IC_10 23701	41.95 2.30 -10.13	30.77 1.94 -2.94	25.83 1.91 -0.02	24.04 1.82 -0.02	23.82 1.82 -0.01	26.24 1.94 -0.02	30.66 2.08 -0.02	34.01 2.46 -0.44	32.18 2.52 -0.02	32.13 2.22 -2.52	35.05 2.08 -6.30	37.17 1.96 -8.75	39.21 1.97 -10.27	39.88 2.03 -11.09	42.41 2.25 -12.74	44.56 2.31 -13.34	49.69 2.59 -10.02	63.39 2.99 -18.33	52.54 3.47 -0.86	48.62 3.14 -0.01	46.33 2.79 -0.01	41.89 2.52 -0.01	37.04 2.11 -0.40	33.67 1.86 -1.40
BARRETT_IC_11 23702	41.95 2.30 -10.13	30.77 1.94 -2.94	25.83 1.91 -0.02	24.04 1.82 -0.02	23.82 1.82 -0.01	26.24 1.94 -0.02	30.66 2.08 -0.02	34.01 2.46 -0.44	32.18 2.52 -0.02	32.13 2.22 -2.52	35.05 2.08 -6.30	37.17 1.96 -8.75	39.21 1.97 -10.27	39.88 2.03 -11.09	42.41 2.25 -12.74	44.56 2.31 -13.34	49.69 2.59 -10.02	63.39 2.99 -18.33	52.54 3.47 -0.86	48.62 3.14 -0.01	46.33 2.79 -0.01	41.89 2.52 -0.01	37.04 2.11 -0.40	33.67 1.86 -1.40
BARRETT_IC_12 23703	41.95 2.30 -10.13	30.77 1.94 -2.94	25.83 1.91 -0.02	24.04 1.82 -0.02	23.82 1.82 -0.01	26.24 1.94 -0.02	30.66 2.08 -0.02	34.01 2.46 -0.44	32.18 2.52 -0.02	32.13 2.22 -2.52	35.05 2.08 -6.30	37.17 1.96 -8.75	39.21 1.97 -10.27	39.88 2.03 -11.09	42.41 2.25 -12.74	44.56 2.31 -13.34	49.69 2.59 -10.02	63.39 2.99 -18.33	52.54 3.47 -0.86	48.62 3.14 -0.01	46.33 2.79 -0.01	41.89 2.52 -0.01	37.04 2.11 -0.40	33.67 1.86 -1.40
BARRETT_IC_2 23705	41.95 2.30 -10.13	30.77 1.94 -2.94	25.83 1.91 -0.02	24.04 1.82 -0.02	23.82 1.82 -0.01	26.24 1.94 -0.02	30.66 2.08 -0.02	34.01 2.46 -0.44	32.18 2.52 -0.02	32.13 2.22 -2.52	35.05 2.08 -6.30	37.17 1.96 -8.75	39.21 1.97 -10.27	39.88 2.03 -11.09	42.41 2.25 -12.74	44.56 2.31 -13.34	49.69 2.59 -10.02	63.39 2.99 -18.33	52.54 3.47 -0.86	48.62 3.14 -0.01	46.33 2.79 -0.01	41.89 2.52 -0.01	37.04 2.11 -0.40	33.67 1.86 -1.40
BARRETT_IC_3 23706	41.95 2.30 -10.13	30.77 1.94 -2.94	25.83 1.91 -0.02	24.04 1.82 -0.02	23.82 1.82 -0.01	26.24 1.94 -0.02	30.66 2.08 -0.02	34.01 2.46 -0.44	32.18 2.52 -0.02	32.13 2.22 -2.52	35.05 2.08 -6.30	37.17 1.96 -8.75	39.21 1.97 -10.27	39.88 2.03 -11.09	42.41 2.25 -12.74	44.56 2.31 -13.34	49.69 2.59 -10.02	63.39 2.99 -18.33	52.54 3.47 -0.86	48.62 3.14 -0.01	46.33 2.79 -0.01	41.89 2.52 -0.01	37.04 2.11 -0.40	33.67 1.86 -1.40
BARRETT_IC_4 23707	41.95 2.30 -10.13	30.77 1.94 -2.94	25.83 1.91 -0.02	24.04 1.82 -0.02	23.82 1.82 -0.01	26.24 1.94 -0.02	30.66 2.08 -0.02	34.01 2.46 -0.44	32.18 2.52 -0.02	32.13 2.22 -2.52	35.05 2.08 -6.30	37.17 1.96 -8.75	39.21 1.97 -10.27	39.88 2.03 -11.09	42.41 2.25 -12.74	44.56 2.31 -13.34	49.69 2.59 -10.02	63.39 2.99 -18.33	52.54 3.47 -0.86	48.62 3.14 -0.01	46.33 2.79 -0.01	41.89 2.52 -0.01	37.04 2.11 -0.40	33.67 1.86 -1.40
BARRETT_IC_5 23708	41.95 2.30 -10.13	30.77 1.94 -2.94	25.83 1.91 -0.02	24.04 1.82 -0.02	23.82 1.82 -0.01	26.24 1.94 -0.02	30.66 2.08 -0.02	34.01 2.46 -0.44	32.18 2.52 -0.02	32.13 2.22 -2.52	35.05 2.08 -6.30	37.17 1.96 -8.75	39.21 1.97 -10.27	39.88 2.03 -11.09	42.41 2.25 -12.74	44.56 2.31 -13.34	49.69 2.59 -10.02	63.39 2.99 -18.33	52.54 3.47 -0.86	48.62 3.14 -0.01	46.33 2.79 -0.01	41.89 2.52 -0.01	37.04 2.11 -0.40	33.67 1.86 -1.40

BARRETT_IC_6 23709	41.95 2.30 -10.13	30.77 1.94 -2.94	25.83 1.91 -0.02	24.04 1.82 -0.02	23.82 1.82 -0.01	26.24 1.94 -0.02	30.66 2.08 -0.02	34.01 2.46 -0.44	32.18 2.52 -0.02	32.13 2.22 -2.52	35.05 2.08 -6.30	37.17 1.96 -8.75	39.21 1.97 -10.27	39.88 2.03 -11.09	42.41 2.25 -12.74	44.56 2.31 -13.34	49.69 2.59 -10.02	63.39 2.99 -18.33	52.54 3.47 -0.86	48.62 3.14 -0.01	46.33 2.79 -0.01	41.89 2.52 -0.01	37.04 2.11 -0.40	33.67 1.86 -1.40
BARRETT_IC_7 23710	41.95 2.30 -10.13	30.77 1.94 -2.94	25.82 1.91 -0.01	24.02 1.80 -0.01	23.82 1.82 -0.01	26.26 1.97 -0.01	30.71 2.14 -0.01	34.02 2.46 -0.44	32.17 2.52 -0.01	32.13 2.22 -2.52	35.05 2.08 -6.30	37.27 2.06 -8.75	39.32 2.08 -10.27	39.99 2.14 -11.09	42.41 2.25 -12.75	44.53 2.28 -13.34	49.69 2.60 -10.02	63.43 2.99 -18.37	52.59 3.52 -0.86	48.63 3.14 -0.01	46.37 2.83 -0.01	41.88 2.52 -0.01	37.04 2.11 -0.40	33.67 1.86 -1.40
BARRETT_IC_8 23711	41.95 2.30 -10.13	30.77 1.94 -2.94	25.83 1.91 -0.02	24.04 1.82 -0.02	23.82 1.82 -0.01	26.24 1.94 -0.02	30.66 2.08 -0.02	34.01 2.46 -0.44	32.18 2.52 -0.02	32.13 2.22 -2.52	35.05 2.08 -6.30	37.17 1.96 -8.75	39.21 1.97 -10.27	39.88 2.03 -11.09	42.41 2.25 -12.74	44.56 2.31 -13.34	49.69 2.59 -10.02	63.39 2.99 -18.33	52.54 3.47 -0.86	48.62 3.14 -0.01	46.33 2.79 -0.01	41.89 2.52 -0.01	37.04 2.11 -0.40	33.67 1.86 -1.40
BARRETT_IC_9 23700	41.95 2.30 -10.13	30.77 1.94 -2.94	25.83 1.91 -0.02	24.04 1.82 -0.02	23.82 1.82 -0.01	26.24 1.94 -0.02	30.66 2.08 -0.02	34.01 2.46 -0.44	32.18 2.52 -0.02	32.13 2.22 -2.52	35.05 2.08 -6.30	37.17 1.96 -8.75	39.21 1.97 -10.27	39.88 2.03 -11.09	42.41 2.25 -12.74	44.56 2.31 -13.34	49.69 2.59 -10.02	63.39 2.99 -18.33	52.54 3.47 -0.86	48.62 3.14 -0.01	46.33 2.79 -0.01	41.89 2.52 -0.01	37.04 2.11 -0.40	33.67 1.86 -1.40
BARRETT___1 23545	41.95 2.30 -10.13	30.77 1.94 -2.94	25.83 1.91 -0.02	24.04 1.82 -0.02	23.82 1.82 -0.01	26.24 1.94 -0.02	30.66 2.08 -0.02	34.01 2.46 -0.44	32.18 2.52 -0.02	32.13 2.22 -2.52	35.05 2.08 -6.30	37.17 1.96 -8.75	39.21 1.97 -10.27	39.88 2.03 -11.09	42.41 2.25 -12.74	44.56 2.31 -13.34	49.69 2.59 -10.02	63.39 2.99 -18.33	52.54 3.47 -0.86	48.62 3.14 -0.01	46.33 2.79 -0.01	41.89 2.52 -0.01	37.04 2.11 -0.40	33.67 1.86 -1.40
BARRETT___2 23546	41.95 2.30 -10.13	30.77 1.94 -2.94	25.83 1.91 -0.02	24.04 1.82 -0.02	23.82 1.82 -0.01	26.24 1.94 -0.02	30.66 2.08 -0.02	34.01 2.46 -0.44	32.18 2.52 -0.02	32.13 2.22 -2.52	35.05 2.08 -6.30	37.17 1.96 -8.75	39.21 1.97 -10.27	39.88 2.03 -11.09	42.41 2.25 -12.74	44.56 2.31 -13.34	49.69 2.59 -10.02	63.39 2.99 -18.33	52.54 3.47 -0.86	48.62 3.14 -0.01	46.33 2.79 -0.01	41.89 2.52 -0.01	37.04 2.11 -0.40	33.67 1.86 -1.40
BATAVIA___115KV_TB1 55881	29.51 0.00 0.00	25.89 0.00 0.00	23.82 -0.07 0.00	22.14 -0.07 0.00	21.85 -0.13 0.00	24.06 -0.22 0.00	27.67 -0.89 0.00	30.18 -0.93 0.00	29.32 -0.33 0.00	27.05 -0.38 -0.04	26.53 -0.19 -0.04	26.28 -0.19 -0.01	26.53 -0.51 -0.07	26.41 -0.51 -0.16	27.10 -0.55 -0.23	28.84 -0.38 -0.30	36.36 -0.85 -0.14	41.08 -1.43 -0.44	46.64 -1.59 -0.02	44.61 -0.86 0.00	42.79 -0.74 0.00	38.45 -0.91 0.00	33.61 -0.93 0.00	30.38 -0.03 0.00
BAYONEEC___CTG1 323682	31.84 2.33 0.00	27.75 1.86 0.00	25.66 1.77 0.00	23.87 1.67 0.00	23.64 1.65 0.00	26.03 1.75 0.00	30.47 1.91 0.00	33.55 2.43 0.00	32.13 2.49 0.00	31.92 2.27 -2.26	30.79 2.21 -1.90	36.45 2.19 -7.79	36.94 2.21 -7.76	39.71 2.27 -10.69	43.18 2.44 -13.33	44.44 2.51 -13.01	46.60 2.86 -6.67	63.59 3.16 -18.36	52.67 3.62 -0.85	48.57 3.09 0.00	46.28 2.74 0.00	41.99 2.64 0.00	36.65 2.11 0.00	32.19 1.76 -0.01
BAYONEEC___CTG10 323750	31.84 2.33 0.00	27.75 1.86 0.00	25.66 1.77 0.00	23.87 1.67 0.00	23.64 1.65 0.00	26.03 1.75 0.00	30.47 1.91 0.00	33.55 2.43 0.00	32.13 2.49 0.00	31.92 2.27 -2.26	30.79 2.21 -1.90	36.45 2.19 -7.79	36.94 2.21 -7.76	39.71 2.27 -10.69	43.18 2.44 -13.33	44.44 2.51 -13.01	46.60 2.86 -6.67	63.59 3.16 -18.36	52.67 3.62 -0.85	48.57 3.09 0.00	46.28 2.74 0.00	41.99 2.64 0.00	36.65 2.11 0.00	32.19 1.76 -0.01
BAYONEEC___CTG2 323683	31.84 2.33 0.00	27.75 1.86 0.00	25.66 1.77 0.00	23.87 1.67 0.00	23.64 1.65 0.00	26.03 1.75 0.00	30.47 1.91 0.00	33.55 2.43 0.00	32.13 2.49 0.00	31.92 2.27 -2.26	30.79 2.21 -1.90	36.45 2.19 -7.79	36.94 2.21 -7.76	39.71 2.27 -10.69	43.18 2.44 -13.33	44.44 2.51 -13.01	46.60 2.86 -6.67	63.59 3.16 -18.36	52.67 3.62 -0.85	48.57 3.09 0.00	46.28 2.74 0.00	41.99 2.64 0.00	36.65 2.11 0.00	32.19 1.76 -0.01
BAYONEEC___CTG3 323684	31.84 2.33 0.00	27.75 1.86 0.00	25.66 1.77 0.00	23.87 1.67 0.00	23.64 1.65 0.00	26.03 1.75 0.00	30.47 1.91 0.00	33.55 2.43 0.00	32.13 2.49 0.00	31.92 2.27 -2.26	30.79 2.21 -1.90	36.45 2.19 -7.79	36.94 2.21 -7.76	39.71 2.27 -10.69	43.18 2.44 -13.33	44.44 2.51 -13.01	46.60 2.86 -6.67	63.59 3.16 -18.36	52.67 3.62 -0.85	48.57 3.09 0.00	46.28 2.74 0.00	41.99 2.64 0.00	36.65 2.11 0.00	32.19 1.76 -0.01
BAYONEEC___CTG4 323685	31.84 2.33 0.00	27.75 1.86 0.00	25.66 1.77 0.00	23.87 1.67 0.00	23.64 1.65 0.00	26.03 1.75 0.00	30.47 1.91 0.00	33.55 2.43 0.00	32.13 2.49 0.00	31.92 2.27 -2.26	30.79 2.21 -1.90	36.45 2.19 -7.79	36.94 2.21 -7.76	39.71 2.27 -10.69	43.18 2.44 -13.33	44.44 2.51 -13.01	46.60 2.86 -6.67	63.59 3.16 -18.36	52.67 3.62 -0.85	48.57 3.09 0.00	46.28 2.74 0.00	41.99 2.64 0.00	36.65 2.11 0.00	32.19 1.76 -0.01
BAYONEEC___CTG5 323686	31.84 2.33 0.00	27.75 1.86 0.00	25.66 1.77 0.00	23.87 1.67 0.00	23.64 1.65 0.00	26.03 1.75 0.00	30.47 1.91 0.00	33.55 2.43 0.00	32.13 2.49 0.00	31.92 2.27 -2.26	30.79 2.21 -1.90	36.45 2.19 -7.79	36.94 2.21 -7.76	39.71 2.27 -10.69	43.18 2.44 -13.33	44.44 2.51 -13.01	46.60 2.86 -6.67	63.59 3.16 -18.36	52.67 3.62 -0.85	48.57 3.09 0.00	46.28 2.74 0.00	41.99 2.64 0.00	36.65 2.11 0.00	32.19 1.76 -0.01
BAYONEEC___CTG6 323687	31.84 2.33 0.00	27.75 1.86 0.00	25.66 1.77 0.00	23.87 1.67 0.00	23.64 1.65 0.00	26.03 1.75 0.00	30.47 1.91 0.00	33.55 2.43 0.00	32.13 2.49 0.00	31.92 2.27 -2.26	30.79 2.21 -1.90	36.45 2.19 -7.79	36.94 2.21 -7.76	39.71 2.27 -10.69	43.18 2.44 -13.33	44.44 2.51 -13.01	46.60 2.86 -6.67	63.59 3.16 -18.36	52.67 3.62 -0.85	48.57 3.09 0.00	46.28 2.74 0.00	41.99 2.64 0.00	36.65 2.11 0.00	32.19 1.76 -0.01
BAYONEEC___CTG7 323688	31.84 2.33 0.00	27.75 1.86 0.00	25.66 1.77 0.00	23.87 1.67 0.00	23.64 1.65 0.00	26.03 1.75 0.00	30.47 1.91 0.00	33.55 2.43 0.00	32.13 2.49 0.00	31.92 2.27 -2.26	30.79 2.21 -1.90	36.45 2.19 -7.79	36.94 2.21 -7.76	39.71 2.27 -10.69	43.18 2.44 -13.33	44.44 2.51 -13.01	46.60 2.86 -6.67	63.59 3.16 -18.36	52.67 3.62 -0.85	48.57 3.09 0.00	46.28 2.74 0.00	41.99 2.64 0.00	36.65 2.11 0.00	32.19 1.76 -0.01

BAYONEEC___CTG8 323689	31.84 2.33 0.00	27.75 1.86 0.00	25.66 1.77 0.00	23.87 1.67 0.00	23.64 1.65 0.00	26.03 1.75 0.00	30.47 1.91 0.00	33.55 2.43 0.00	32.13 2.49 0.00	31.92 2.27 -2.26	30.79 2.21 -1.90	36.45 2.19 -7.79	36.94 2.21 -7.76	39.71 2.27 -10.69	43.18 2.44 -13.33	44.44 2.51 -13.01	46.60 2.86 -6.67	63.59 3.16 -18.36	52.67 3.62 -0.85	48.57 3.09 0.00	46.28 2.74 0.00	41.99 2.64 0.00	36.65 2.11 0.00	32.19 1.76 -0.01
BAYONEEC___CTG9 323749	31.84 2.33 0.00	27.75 1.86 0.00	25.66 1.77 0.00	23.87 1.67 0.00	23.64 1.65 0.00	26.03 1.75 0.00	30.47 1.91 0.00	33.55 2.43 0.00	32.13 2.49 0.00	31.92 2.27 -2.26	30.79 2.21 -1.90	36.45 2.19 -7.79	36.94 2.21 -7.76	39.71 2.27 -10.69	43.18 2.44 -13.33	44.44 2.51 -13.01	46.60 2.86 -6.67	63.59 3.16 -18.36	52.67 3.62 -0.85	48.57 3.09 0.00	46.28 2.74 0.00	41.99 2.64 0.00	36.65 2.11 0.00	32.19 1.76 -0.01
BEACON___LESR 323632	30.25 0.74 0.00	26.53 0.65 0.00	24.52 0.62 0.00	22.76 0.56 0.00	22.54 0.55 0.00	24.89 0.61 0.00	29.07 0.51 0.00	31.74 0.62 0.00	30.15 0.50 0.00	27.38 0.49 0.50	26.85 0.51 0.33	26.60 0.50 0.36	26.93 0.49 0.54	26.38 0.56 0.94	26.89 0.77 1.29	28.10 0.78 1.59	36.43 0.70 1.34	40.56 0.71 2.23	48.97 0.87 0.10	46.30 0.82 0.00	44.23 0.69 0.00	39.98 0.63 0.00	35.02 0.48 0.00	30.80 0.39 0.01
BEAVER RIVER___HYD 24048	29.60 0.09 0.00	26.25 0.36 0.00	24.18 0.29 0.00	22.38 0.18 0.00	22.25 0.26 0.00	24.55 0.27 0.00	28.82 0.26 0.00	31.34 0.22 0.00	29.70 0.06 0.00	27.28 -0.11 0.00	26.57 -0.11 0.00	26.32 -0.13 0.00	26.65 -0.32 0.00	26.36 -0.40 0.00	27.06 -0.36 0.00	28.76 -0.14 0.00	36.96 -0.11 0.00	41.95 -0.13 0.00	48.45 0.24 0.00	45.89 0.41 0.00	44.19 0.65 0.00	40.07 0.71 0.00	35.27 0.73 0.00	30.93 0.52 0.00
BEEBEE_GT_13 23619	29.25 -0.27 0.00	25.65 -0.23 0.00	23.61 -0.29 0.00	21.92 -0.29 0.00	21.66 -0.33 0.00	23.84 -0.44 0.00	27.70 -0.86 0.00	30.21 -0.90 0.00	29.23 -0.41 0.00	26.95 -0.44 0.00	26.41 -0.27 0.00	26.19 -0.26 0.00	26.46 -0.51 0.00	26.25 -0.51 0.00	26.90 -0.52 0.00	28.53 -0.38 0.00	36.33 -0.74 0.00	40.90 -1.18 0.00	46.86 -1.35 0.00	44.61 -0.86 0.00	42.79 -0.74 0.00	38.49 -0.87 0.00	33.64 -0.90 0.00	30.11 -0.30 0.00
BENSHRST_27_KV_BENSHRST_1 355998	32.32 2.80 -0.01	28.17 2.28 -0.01	26.01 2.10 -0.01	24.17 1.95 -0.01	23.95 1.96 -0.01	26.34 2.06 0.00	30.76 2.20 0.00	33.79 2.68 0.00	32.40 2.76 0.00	32.25 2.60 -2.26	31.14 2.56 -1.90	37.24 2.41 -8.37	37.55 2.43 -8.15	40.29 2.54 -11.00	43.71 2.69 -13.61	44.69 2.78 -13.01	46.93 3.19 -6.66	64.05 3.58 -18.40	53.16 4.10 -0.85	48.93 3.46 0.00	46.63 3.09 0.00	42.31 2.95 0.00	37.17 2.63 0.00	32.72 2.28 -0.02
BETHLEHEM___GRP 23843	29.84 0.32 0.00	26.17 0.28 0.00	24.21 0.31 0.00	22.49 0.29 0.00	22.25 0.26 0.00	24.55 0.27 0.00	28.73 0.17 0.00	31.30 0.19 0.00	29.73 0.09 0.00	27.03 0.14 0.50	26.59 0.24 0.33	26.31 0.21 0.35	26.66 0.22 0.54	26.08 0.27 0.94	26.53 0.41 1.30	27.69 0.38 1.60	35.88 0.19 1.38	39.90 0.08 2.26	48.30 0.19 0.10	45.57 0.09 0.00	43.58 0.04 0.00	39.40 0.04 0.00	34.51 -0.03 0.00	30.34 -0.06 0.01
BETHLEHEM___GS1 323560	29.84 0.33 0.00	26.17 0.29 0.00	24.21 0.31 0.00	22.49 0.29 0.00	22.25 0.26 0.00	24.57 0.29 0.00	28.67 0.11 0.00	31.30 0.19 0.00	29.73 0.09 0.00	27.03 0.14 0.50	26.53 0.19 0.33	26.29 0.19 0.35	26.63 0.19 0.54	26.08 0.27 0.94	26.53 0.41 1.30	27.68 0.37 1.60	35.95 0.19 1.31	39.92 0.08 2.24	48.25 0.15 0.10	45.57 0.09 0.00	43.53 0.00 0.00	39.40 0.04 0.00	34.51 -0.03 0.00	30.34 -0.06 0.01
BETHLEHEM___GS2 323561	29.84 0.33 0.00	26.17 0.29 0.00	24.21 0.31 0.00	22.49 0.29 0.00	22.25 0.26 0.00	24.57 0.29 0.00	28.67 0.11 0.00	31.30 0.19 0.00	29.73 0.09 0.00	27.03 0.14 0.50	26.53 0.19 0.33	26.29 0.19 0.35	26.63 0.19 0.54	26.08 0.27 0.94	26.53 0.41 1.30	27.68 0.37 1.60	35.95 0.19 1.31	39.92 0.08 2.24	48.25 0.15 0.10	45.57 0.09 0.00	43.53 0.00 0.00	39.40 0.04 0.00	34.51 -0.03 0.00	30.34 -0.06 0.01
BETHLEHEM___GS3 323562	29.84 0.33 0.00	26.17 0.29 0.00	24.21 0.31 0.00	22.49 0.29 0.00	22.25 0.26 0.00	24.57 0.29 0.00	28.67 0.11 0.00	31.30 0.19 0.00	29.73 0.09 0.00	27.03 0.14 0.50	26.53 0.19 0.33	26.29 0.19 0.35	26.63 0.19 0.54	26.08 0.27 0.94	26.53 0.41 1.30	27.68 0.37 1.60	35.95 0.19 1.31	39.92 0.08 2.24	48.25 0.15 0.10	45.57 0.09 0.00	43.53 0.00 0.00	39.40 0.04 0.00	34.51 -0.03 0.00	30.34 -0.06 0.01
BETHLEHEM___STEEL 23779	29.19 -0.32 0.00	25.52 -0.36 0.00	23.49 -0.41 0.00	21.85 -0.36 0.00	21.59 -0.40 0.00	23.79 -0.49 0.00	27.36 -1.20 0.00	29.72 -1.40 0.00	28.96 -0.68 0.00	26.87 -0.58 -0.05	26.40 -0.32 -0.05	26.10 -0.37 -0.02	26.44 -0.62 -0.08	26.33 -0.62 -0.19	26.98 -0.71 -0.28	28.67 -0.61 -0.36	36.09 -1.15 -0.16	40.66 -1.94 -0.52	46.01 -2.22 -0.02	43.93 -1.55 0.00	42.10 -1.44 0.00	37.82 -1.53 0.00	33.09 -1.45 0.00	29.93 -0.49 0.00
BETHLHEM_115KV_TB1 79974	29.93 0.41 0.00	26.25 0.36 0.00	24.28 0.38 0.00	22.56 0.36 0.00	22.32 0.33 0.00	24.62 0.34 0.00	28.82 0.26 0.00	31.43 0.31 0.00	29.85 0.21 0.00	27.13 0.22 0.48	26.65 0.29 0.32	26.40 0.29 0.35	26.72 0.27 0.53	26.17 0.35 0.94	26.59 0.47 1.29	27.75 0.43 1.59	36.05 0.30 1.33	40.03 0.21 2.25	48.39 0.29 0.10	45.66 0.18 0.00	43.66 0.13 0.00	39.51 0.16 0.00	34.61 0.07 0.00	30.44 0.03 0.01
BETHPAGE_CC_5 323564	43.56 2.45 -11.60	31.40 2.15 -3.36	25.96 2.06 -0.01	24.15 1.93 -0.01	23.93 1.94 -0.01	26.35 2.06 -0.01	30.80 2.23 -0.01	34.33 2.71 -0.50	32.32 2.67 -0.01	32.33 2.38 -2.56	35.89 2.27 -6.95	39.52 2.19 -10.87	41.19 2.24 -11.98	41.23 2.25 -12.23	43.50 2.44 -13.64	44.82 2.51 -13.40	50.41 2.82 -10.51	63.60 3.20 -18.33	52.73 3.66 -0.86	48.85 3.37 -0.01	46.59 3.05 -0.01	42.08 2.71 -0.01	37.48 2.49 -0.45	34.18 2.16 -1.60
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.25 -0.27 0.00	25.58 -0.31 0.00	23.54 -0.36 0.00	21.90 -0.31 0.00	21.63 -0.35 0.00	23.84 -0.44 0.00	27.45 -1.11 0.00	29.81 -1.31 0.00	29.05 -0.59 0.00	26.92 -0.52 -0.05	26.48 -0.24 -0.05	26.18 -0.29 -0.02	26.52 -0.54 -0.08	26.42 -0.54 -0.20	27.07 -0.63 -0.28	28.79 -0.49 -0.37	36.28 -0.96 -0.17	40.83 -1.77 -0.53	46.26 -1.98 -0.02	44.07 -1.41 0.00	42.23 -1.31 0.00	37.94 -1.42 0.00	33.19 -1.35 0.00	30.02 -0.40 0.00
BINGHAMTON___COGEN 23790	29.90 0.38 0.00	26.17 0.28 0.00	24.11 0.22 0.00	22.43 0.22 0.00	22.21 0.22 0.00	24.50 0.22 0.00	28.64 0.09 0.00	31.21 0.09 0.00	29.88 0.24 0.00	27.67 0.16 -0.11	26.99 0.21 -0.10	26.65 0.16 -0.03	27.20 0.05 -0.17	27.22 0.05 -0.41	28.17 0.16 -0.59	29.98 0.29 -0.78	37.67 0.26 -0.34	43.18 0.04 -1.07	48.45 0.19 -0.05	45.80 0.32 0.00	43.75 0.22 0.00	39.47 0.12 0.00	34.58 0.03 0.00	30.63 0.21 0.00

BIXINCNT_115KV_LOAD 355685	29.48 -0.03 0.00	25.73 -0.16 0.00	23.68 -0.22 0.00	22.05 -0.16 0.00	21.79 -0.20 0.00	24.01 -0.27 0.00	27.70 -0.86 0.00	30.18 -0.93 0.00	29.35 -0.30 0.00	27.23 -0.22 -0.06	26.72 0.00 -0.05	26.39 -0.08 -0.02	26.74 -0.32 -0.09	26.62 -0.35 -0.21	27.31 -0.41 -0.30	29.08 -0.23 -0.40	36.70 -0.56 -0.18	41.25 -1.39 -0.56	46.64 -1.59 -0.03	44.43 -1.05 0.00	42.45 -1.09 0.00	38.10 -1.26 0.00	33.37 -1.17 0.00	30.11 -0.30 0.00
BLACK RIVER___HYD 24047	29.78 0.27 0.00	26.35 0.47 0.00	24.26 0.36 0.00	22.43 0.22 0.00	22.34 0.35 0.00	24.65 0.36 0.00	28.87 0.31 0.00	31.36 0.25 0.00	29.70 0.06 0.00	27.23 -0.16 0.00	26.51 -0.16 0.00	26.27 -0.18 0.00	26.54 -0.43 0.00	26.19 -0.56 0.00	26.95 -0.47 0.00	28.68 -0.23 0.00	36.89 -0.18 0.00	41.86 -0.21 0.00	48.55 0.34 0.00	46.07 0.59 0.00	44.36 0.83 0.00	40.22 0.86 0.00	35.34 0.80 0.00	30.96 0.55 0.00
BLACKRVR_115KV_TB2 79977	29.78 0.27 0.00	26.33 0.44 0.00	24.25 0.36 0.00	22.43 0.22 0.00	22.34 0.35 0.00	24.64 0.36 0.00	28.87 0.31 0.00	31.37 0.25 0.00	29.70 0.06 0.00	27.22 -0.16 0.00	26.51 -0.16 0.00	26.27 -0.19 0.00	26.54 -0.43 0.00	26.19 -0.56 0.00	26.95 -0.47 0.00	28.68 -0.23 0.00	36.89 -0.19 0.00	41.86 -0.21 0.00	48.55 0.34 0.00	46.07 0.59 0.00	44.36 0.83 0.00	40.22 0.87 0.00	35.30 0.76 0.00	30.96 0.55 0.00
BLDWN_LI_69_KV_BK4 356085	45.10 2.60 -12.99	31.85 2.20 -3.77	26.01 2.10 -0.01	24.20 1.98 -0.01	23.98 1.98 -0.01	26.43 2.14 -0.01	30.91 2.34 -0.01	34.42 2.74 -0.56	32.38 2.73 -0.01	32.43 2.44 -2.60	36.58 2.35 -7.56	41.64 2.33 -12.86	42.94 2.37 -13.59	42.49 2.43 -13.30	44.49 2.58 -14.49	45.03 2.66 -13.46	51.13 3.08 -10.97	63.94 3.49 -18.38	53.17 4.10 -0.86	49.17 3.68 -0.01	46.90 3.35 -0.01	42.28 2.91 -0.01	37.54 2.49 -0.51	34.37 2.16 -1.80
BLISS_WT_PWR 323608	29.45 -0.06 0.00	25.78 -0.10 0.00	23.68 -0.22 0.00	22.05 -0.15 0.00	21.77 -0.22 0.00	23.99 -0.29 0.00	27.96 -0.60 0.00	30.18 -0.93 0.00	29.35 -0.30 0.00	27.23 -0.22 -0.06	26.81 0.08 -0.05	26.45 -0.03 -0.02	26.79 -0.27 -0.09	26.70 -0.27 -0.21	27.28 -0.44 -0.30	28.97 -0.35 -0.40	36.66 -0.59 -0.18	41.20 -1.43 -0.56	46.79 -1.44 -0.03	44.34 -1.14 0.00	42.40 -1.13 0.00	38.02 -1.34 0.00	33.37 -1.17 0.00	30.05 -0.36 0.00
BLUESTONE___WT_PWR 323821	31.05 1.53 0.00	27.26 1.37 0.00	25.11 1.22 0.00	23.27 1.07 0.00	23.13 1.14 0.00	25.57 1.29 0.00	29.99 1.43 0.00	32.67 1.56 0.00	31.15 1.51 0.00	28.69 1.18 -0.12	28.01 1.23 -0.11	27.63 1.14 -0.04	28.02 0.86 -0.18	27.99 0.80 -0.44	29.00 0.96 -0.62	31.09 1.36 -0.82	39.13 1.71 -0.35	44.91 1.73 -1.11	50.81 2.55 -0.05	47.89 2.41 0.00	45.84 2.31 0.00	41.32 1.97 0.00	36.17 1.62 0.00	31.87 1.46 0.00
BLUE_CIRC_CHEM_DRP 24182	30.25 0.74 0.00	26.51 0.62 0.00	24.52 0.62 0.00	22.78 0.58 0.00	22.53 0.55 0.00	24.86 0.58 0.00	29.10 0.54 0.00	31.65 0.53 0.00	30.09 0.44 0.00	27.45 0.36 0.30	26.82 0.35 0.20	26.65 0.29 0.10	27.01 0.30 0.26	26.56 0.35 0.54	27.11 0.47 0.78	28.34 0.46 1.03	36.62 0.37 0.83	40.98 0.38 1.47	48.72 0.58 0.07	46.02 0.55 0.00	44.06 0.52 0.00	39.83 0.47 0.00	34.92 0.38 0.00	30.71 0.30 0.01
BOC_GAS_DRP 24189	30.16 0.65 0.00	26.46 0.57 0.00	24.45 0.55 0.00	22.72 0.51 0.00	22.49 0.51 0.00	24.81 0.53 0.00	29.07 0.51 0.00	31.71 0.59 0.00	30.21 0.56 0.00	27.55 0.52 0.36	26.91 0.51 0.26	26.63 0.48 0.30	26.97 0.49 0.49	26.38 0.54 0.91	26.79 0.63 1.26	27.97 0.61 1.55	36.56 0.52 1.03	40.36 0.50 2.21	48.73 0.63 0.10	45.98 0.50 0.00	43.97 0.44 0.00	39.79 0.43 0.00	34.85 0.31 0.00	30.65 0.24 0.01
BOONVILLE_115KV_TB1 79983	30.01 0.50 0.00	26.48 0.60 0.00	24.42 0.53 0.00	22.63 0.42 0.00	22.47 0.48 0.00	24.81 0.53 0.00	29.10 0.54 0.00	31.71 0.59 0.00	30.15 0.50 0.00	27.72 0.33 0.00	27.02 0.35 0.00	26.77 0.32 0.00	27.11 0.13 0.00	26.86 0.11 0.00	27.61 0.19 0.00	29.28 0.38 0.00	37.59 0.52 0.00	42.62 0.55 0.00	49.17 0.96 0.00	46.43 0.96 0.00	44.54 1.00 0.00	40.30 0.94 0.00	35.37 0.83 0.00	31.05 0.64 0.00
BORALEX_4TH_BRANCH 23824	30.78 1.27 0.00	26.97 1.09 0.00	25.00 1.10 0.00	23.21 1.00 0.00	23.00 1.01 0.00	25.35 1.07 0.00	29.76 1.20 0.00	32.39 1.28 0.00	30.89 1.24 0.00	27.48 1.01 0.93	27.04 0.91 0.54	26.82 0.90 0.53	27.21 0.94 0.71	26.64 1.02 1.14	27.00 1.15 1.57	28.21 1.24 1.94	35.91 1.33 2.50	40.83 1.51 2.76	49.96 1.88 0.13	47.16 1.68 0.00	45.10 1.57 0.00	40.66 1.30 0.00	35.54 1.00 0.00	31.18 0.79 0.03
BOWLINE___1 23526	31.43 1.92 0.00	27.44 1.55 0.00	25.35 1.46 0.00	23.58 1.38 0.00	23.35 1.36 0.00	25.74 1.46 0.00	30.10 1.54 0.00	33.11 1.99 0.00	31.66 2.02 0.00	31.34 1.84 -2.12	30.23 1.79 -1.77	31.57 1.77 -3.35	33.31 1.75 -4.58	36.45 1.82 -7.87	39.93 1.98 -10.54	43.16 2.05 -12.20	45.76 2.41 -6.27	61.97 2.65 -17.24	52.09 3.09 -0.80	48.12 2.64 0.00	45.88 2.35 0.00	41.52 2.16 0.00	36.30 1.76 0.00	31.86 1.43 -0.01
BOWLINE___2 23595	31.43 1.92 0.00	27.44 1.55 0.00	25.35 1.46 0.00	23.58 1.38 0.00	23.35 1.36 0.00	25.74 1.46 0.00	30.10 1.54 0.00	33.11 1.99 0.00	31.66 2.02 0.00	31.34 1.84 -2.12	30.23 1.79 -1.77	31.58 1.77 -3.35	33.32 1.75 -4.59	36.45 1.82 -7.87	39.94 1.98 -10.55	43.17 2.05 -12.21	45.76 2.41 -6.28	61.97 2.65 -17.24	52.09 3.09 -0.80	48.12 2.64 0.00	45.88 2.35 0.00	41.52 2.16 0.00	36.30 1.76 0.00	31.86 1.43 -0.01
BRADY___115KV_TB2 356060	29.48 -0.03 0.00	26.09 0.21 0.00	24.04 0.14 0.00	22.34 0.13 0.00	22.14 0.15 0.00	24.38 0.10 0.00	28.82 0.26 0.00	31.40 0.28 0.00	29.67 0.03 0.00	27.42 0.03 0.00	26.62 -0.05 0.00	26.46 0.00 0.00	27.08 0.11 0.00	26.81 0.05 0.00	27.33 -0.08 0.00	28.85 -0.06 0.00	37.34 0.26 0.00	42.45 0.38 0.00	48.64 0.43 0.00	45.89 0.41 0.00	44.19 0.65 0.00	40.14 0.79 0.00	35.47 0.93 0.00	31.14 0.73 0.00
BRANSCOMB___SOLAR 323811	30.99 1.48 0.00	27.15 1.27 0.00	25.09 1.19 0.00	23.32 1.11 0.00	23.04 1.06 0.00	25.42 1.14 0.00	29.70 1.14 0.00	32.33 1.21 0.00	30.71 1.07 0.00	27.62 0.79 0.56	27.01 0.69 0.35	26.75 0.66 0.37	27.05 0.62 0.54	26.46 0.64 0.94	27.00 0.88 1.29	28.30 0.98 1.60	36.62 1.08 1.53	41.14 1.31 2.24	49.79 1.69 0.10	47.21 1.73 0.00	45.28 1.74 0.00	40.93 1.58 0.00	35.78 1.24 0.00	31.56 1.16 0.01
BRDGHMPT_69_KV_BK1 55812	42.75 3.31 -9.93	31.46 2.69 -2.88	26.56 2.65 -0.01	24.77 2.55 -0.01	24.57 2.57 -0.01	27.13 2.84 -0.01	31.57 3.00 -0.01	35.25 3.70 -0.43	33.70 3.97 -0.08	33.56 3.59 -2.59	36.16 3.28 -6.21	38.20 3.28 -8.46	40.49 3.48 -10.04	41.27 3.51 -11.01	43.60 3.56 -12.62	45.95 3.64 -13.40	61.51 4.19 -20.25	65.20 4.75 -18.37	54.37 5.30 -0.86	50.17 4.68 -0.01	47.77 4.22 -0.01	42.87 3.50 -0.01	37.76 2.83 -0.39	34.28 2.49 -1.38



BRENTWOD_69_KV_W. BRTWOOD 56703	42.56 2.95 -10.09	31.27 2.46 -2.93	26.25 2.34 -0.01	24.44 2.22 -0.01	24.21 2.22 -0.01	26.69 2.40 -0.01	31.17 2.60 -0.01	34.67 3.11 -0.44	32.72 3.05 -0.03	32.61 2.68 -2.53	35.57 2.61 -6.28	37.77 2.62 -8.70	39.92 2.72 -10.22	40.59 2.76 -11.08	43.04 2.91 -12.72	45.27 3.01 -13.35	52.60 3.37 -12.15	64.40 3.95 -18.37	53.69 4.63 -0.86	49.72 4.23 -0.01	47.46 3.92 -0.01	42.67 3.31 -0.01	37.73 2.80 -0.39	34.18 2.37 -1.40
BRISTLHL_115KV_TB1 79998	29.01 -0.50 0.00	25.42 -0.47 0.00	23.44 -0.45 0.00	21.78 -0.42 0.00	21.55 -0.44 0.00	23.79 -0.49 0.00	27.90 -0.66 0.00	30.28 -0.84 0.00	28.90 -0.74 0.00	26.68 -0.71 0.00	26.01 -0.67 0.00	25.77 -0.69 0.00	26.22 -0.76 0.00	26.01 -0.75 0.00	26.70 -0.71 0.00	28.21 -0.69 0.00	36.07 -1.00 0.00	40.81 -1.26 0.00	46.81 -1.40 0.00	44.30 -1.18 0.00	42.40 -1.13 0.00	38.25 -1.10 0.00	33.54 -1.00 0.00	29.59 -0.82 0.00
BROOKHAVEN___DRP 24191	42.01 2.57 -9.93	30.86 2.10 -2.88	25.99 2.08 -0.01	24.19 1.98 -0.01	23.97 1.98 -0.01	26.43 2.14 -0.01	30.77 2.20 -0.01	34.32 2.77 -0.43	32.60 2.88 -0.08	32.49 2.52 -2.58	35.15 2.27 -6.21	37.19 2.28 -8.46	39.41 2.40 -10.03	40.22 2.46 -11.00	42.59 2.55 -12.62	44.97 2.66 -13.40	60.25 3.00 -20.17	63.85 3.41 -18.37	53.02 3.95 -0.86	49.13 3.64 -0.01	46.85 3.31 -0.01	42.12 2.75 -0.01	37.24 2.31 -0.39	33.71 1.92 -1.38
BROOKLYN_NAVY_YARD 23515	31.84 2.33 0.00	27.75 1.86 0.00	25.64 1.74 0.00	23.85 1.64 0.00	23.61 1.63 0.00	26.00 1.72 0.00	30.47 1.91 0.00	33.55 2.43 0.00	32.13 2.49 0.00	31.97 2.33 -2.26	30.81 2.24 -1.90	36.45 2.19 -7.79	36.94 2.21 -7.76	39.71 2.27 -10.69	43.21 2.47 -13.33	44.47 2.54 -13.01	46.64 2.89 -6.67	63.63 3.20 -18.36	52.72 3.66 -0.85	48.61 3.14 0.00	46.32 2.79 0.00	41.99 2.64 0.00	36.65 2.11 0.00	32.19 1.76 -0.01
BROOKLYN___ARMY_DRP 323595	32.18 2.66 -0.01	28.07 2.17 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.25 1.97 0.00	30.64 2.08 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.46 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.42 2.29 -8.15	40.13 2.38 -11.00	43.55 2.52 -13.61	44.52 2.60 -13.01	46.71 2.97 -6.66	63.80 3.32 -18.40	52.87 3.81 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.99 2.45 0.00	32.57 2.13 -0.02
BROOME_2_LFGE 323671	29.90 0.38 0.00	26.20 0.31 0.00	24.11 0.21 0.00	22.43 0.22 0.00	22.21 0.22 0.00	24.50 0.22 0.00	28.70 0.14 0.00	31.21 0.09 0.00	29.88 0.24 0.00	27.67 0.17 -0.11	27.01 0.24 -0.10	26.68 0.19 -0.03	27.23 0.08 -0.17	27.25 0.08 -0.41	28.15 0.14 -0.60	29.99 0.29 -0.79	37.67 0.26 -0.34	43.18 0.04 -1.06	48.50 0.24 -0.05	45.80 0.32 0.00	43.80 0.26 0.00	39.48 0.12 0.00	34.61 0.07 0.00	30.63 0.21 0.00
BROOME___LFGE 323600	29.90 0.38 0.00	26.20 0.31 0.00	24.11 0.21 0.00	22.43 0.22 0.00	22.21 0.22 0.00	24.50 0.22 0.00	28.70 0.14 0.00	31.21 0.09 0.00	29.88 0.24 0.00	27.67 0.17 -0.11	27.01 0.24 -0.10	26.68 0.19 -0.03	27.23 0.08 -0.17	27.25 0.08 -0.41	28.15 0.14 -0.60	29.99 0.29 -0.79	37.67 0.26 -0.34	43.18 0.04 -1.06	48.50 0.24 -0.05	45.80 0.32 0.00	43.80 0.26 0.00	39.48 0.12 0.00	34.61 0.07 0.00	30.63 0.21 0.00
BROWNFLS_115KV_TB_3_5 80003	29.39 -0.12 0.00	26.04 0.16 0.00	23.99 0.10 0.00	22.23 0.02 0.00	22.07 0.09 0.00	24.33 0.05 0.00	28.59 0.03 0.00	31.18 0.06 0.00	29.49 -0.15 0.00	27.14 -0.25 0.00	26.41 -0.27 0.00	26.19 -0.26 0.00	26.60 -0.38 0.00	26.30 -0.45 0.00	26.98 -0.44 0.00	28.62 -0.29 0.00	36.85 -0.22 0.00	41.70 -0.38 0.00	48.02 -0.19 0.00	45.39 -0.09 0.00	43.84 0.30 0.00	39.83 0.47 0.00	35.20 0.66 0.00	30.90 0.49 0.00
BROWNSV1_27_KV_LOAD 356125	32.14 2.63 0.00	28.01 2.12 0.00	25.88 1.98 0.00	24.05 1.84 0.00	23.83 1.85 0.00	26.27 1.99 0.00	30.79 2.23 0.00	33.82 2.71 0.00	32.40 2.76 0.00	32.19 2.55 -2.26	31.05 2.48 -1.90	36.71 2.46 -7.79	37.21 2.48 -7.76	40.01 2.57 -10.69	43.46 2.71 -13.33	44.73 2.80 -13.02	47.01 3.26 -6.67	64.14 3.66 -18.41	53.25 4.19 -0.85	49.07 3.59 0.00	46.76 3.22 0.00	42.39 3.03 0.00	36.99 2.45 0.00	32.47 2.04 -0.01
BURROWS___LYONSDAL 23803	29.87 0.35 0.00	26.40 0.52 0.00	24.35 0.45 0.00	22.56 0.36 0.00	22.40 0.42 0.00	24.74 0.46 0.00	29.02 0.46 0.00	31.61 0.50 0.00	30.03 0.39 0.00	27.61 0.22 0.00	26.89 0.21 0.00	26.64 0.19 0.00	27.00 0.03 0.00	26.73 -0.03 0.00	27.47 0.05 0.00	29.17 0.26 0.00	37.45 0.37 0.00	42.45 0.38 0.00	48.98 0.77 0.00	46.30 0.82 0.00	44.45 0.91 0.00	40.22 0.87 0.00	35.34 0.79 0.00	31.02 0.61 0.00
CAITHNESS_CC_1 323624	42.00 2.57 -9.92	30.89 2.12 -2.88	26.01 2.10 -0.01	24.19 1.98 -0.01	23.99 2.00 -0.01	26.43 2.14 -0.01	30.77 2.20 -0.01	34.32 2.77 -0.43	32.57 2.85 -0.08	32.47 2.49 -2.58	35.17 2.29 -6.21	37.15 2.25 -8.45	39.32 2.32 -10.03	40.11 2.36 -11.00	42.61 2.58 -12.62	44.99 2.69 -13.40	60.18 3.00 -20.10	63.81 3.41 -18.32	52.97 3.90 -0.86	49.13 3.64 -0.01	46.94 3.40 -0.01	42.16 2.79 -0.01	37.24 2.31 -0.39	33.74 1.95 -1.37
CALPINE BETH_PAGE_GT4 24209	44.30 2.42 -12.36	31.64 2.17 -3.58	25.99 2.08 -0.01	24.17 1.95 -0.01	23.95 1.96 -0.01	26.41 2.11 -0.01	30.88 2.31 -0.01	34.36 2.71 -0.54	32.32 2.67 -0.01	32.36 2.38 -2.58	36.22 2.27 -7.28	40.69 2.28 -11.96	42.15 2.32 -12.86	41.87 2.30 -12.81	43.94 2.41 -14.11	44.80 2.46 -13.43	50.66 2.82 -10.77	63.60 3.16 -18.37	52.78 3.71 -0.86	48.81 3.32 -0.01	46.55 3.00 -0.01	42.00 2.64 -0.01	37.48 2.45 -0.48	34.28 2.16 -1.71
CALPINE_BETH_PAGE_GT_4 323586	44.30 2.42 -12.36	31.65 2.17 -3.58	25.99 2.08 -0.01	24.17 1.95 -0.01	23.95 1.96 -0.01	26.38 2.09 -0.01	30.83 2.26 -0.01	34.36 2.71 -0.54	32.32 2.67 -0.01	32.36 2.38 -2.58	36.22 2.27 -7.28	40.61 2.19 -11.96	42.07 2.24 -12.86	41.76 2.19 -12.81	43.94 2.41 -14.11	44.83 2.49 -13.43	50.66 2.82 -10.77	63.56 3.16 -18.33	52.73 3.66 -0.86	48.81 3.32 -0.01	46.55 3.00 -0.01	42.00 2.64 -0.01	37.48 2.45 -0.48	34.28 2.16 -1.71
CALPINE_BP_GT1 23823	44.30 2.42 -12.36	31.65 2.17 -3.58	25.99 2.08 -0.01	24.17 1.95 -0.01	23.95 1.96 -0.01	26.38 2.09 -0.01	30.83 2.26 -0.01	34.36 2.71 -0.54	32.32 2.67 -0.01	32.36 2.38 -2.58	36.22 2.27 -7.28	40.61 2.19 -11.96	42.07 2.24 -12.86	41.76 2.19 -12.81	43.94 2.41 -14.11	44.83 2.49 -13.43	50.66 2.82 -10.77	63.56 3.16 -18.33	52.73 3.66 -0.86	48.81 3.32 -0.01	46.55 3.00 -0.01	42.00 2.64 -0.01	37.48 2.45 -0.48	34.28 2.16 -1.71
CALSPAN___DRP 24200	29.19 -0.32 0.00	25.52 -0.36 0.00	23.49 -0.41 0.00	21.85 -0.36 0.00	21.59 -0.40 0.00	23.79 -0.49 0.00	27.36 -1.20 0.00	29.72 -1.40 0.00	28.96 -0.68 0.00	26.87 -0.58 -0.05	26.40 -0.32 -0.05	26.10 -0.37 -0.02	26.44 -0.62 -0.08	26.33 -0.62 -0.19	26.98 -0.71 -0.28	28.67 -0.61 -0.36	36.09 -1.15 -0.16	40.66 -1.94 -0.52	46.01 -2.22 -0.02	43.93 -1.55 0.00	42.10 -1.44 0.00	37.82 -1.53 0.00	33.09 -1.45 0.00	29.93 -0.49 0.00

CALVERTON___SOLAR 323806	42.04 2.60 -9.93	30.89 2.12 -2.88	26.01 2.10 -0.01	24.19 1.98 -0.01	24.02 2.02 -0.01	26.45 2.16 -0.01	30.77 2.20 -0.01	34.35 2.80 -0.43	32.69 2.96 -0.08	32.58 2.60 -2.59	35.17 2.29 -6.21	37.16 2.25 -8.46	39.38 2.37 -10.03	40.17 2.41 -11.00	42.64 2.61 -12.62	45.02 2.72 -13.40	60.32 3.04 -20.20	63.89 3.49 -18.32	53.06 4.00 -0.86	49.17 3.68 -0.01	47.03 3.48 -0.01	42.16 2.79 -0.01	37.24 2.31 -0.39	33.71 1.92 -1.38
CANDIGU_WT_PWR 323617	29.66 0.15 0.00	25.96 0.08 0.00	23.87 -0.02 0.00	22.21 0.00 0.00	21.96 -0.02 0.00	24.23 -0.05 0.00	28.30 -0.26 0.00	30.49 -0.62 0.00	29.38 -0.27 0.00	27.16 -0.30 -0.08	26.61 -0.13 -0.07	26.27 -0.21 -0.02	26.69 -0.40 -0.11	26.63 -0.40 -0.27	27.35 -0.47 -0.40	29.14 -0.29 -0.52	36.75 -0.56 -0.23	41.65 -1.13 -0.71	47.32 -0.92 -0.03	44.98 -0.50 0.00	43.10 -0.44 0.00	38.77 -0.59 0.00	33.99 -0.55 0.00	30.38 -0.03 0.00
CARR STREET_E_SYR 24060	29.48 -0.03 0.00	25.84 -0.05 0.00	23.80 -0.10 0.00	22.12 -0.09 0.00	21.90 -0.09 0.00	24.16 -0.12 0.00	28.39 -0.17 0.00	30.78 -0.34 0.00	29.40 -0.24 0.00	27.14 -0.25 0.00	26.49 -0.19 0.00	26.24 -0.21 0.00	26.68 -0.30 0.00	26.46 -0.29 0.00	27.20 -0.22 0.00	28.74 -0.17 0.00	36.67 -0.41 0.00	41.44 -0.63 0.00	47.58 -0.63 0.00	44.98 -0.50 0.00	43.06 -0.48 0.00	38.81 -0.55 0.00	34.02 -0.52 0.00	30.05 -0.36 0.00
CARTHAGE___PAPER 23857	29.66 0.15 0.00	26.28 0.39 0.00	24.21 0.31 0.00	22.38 0.18 0.00	22.27 0.29 0.00	24.60 0.31 0.00	28.84 0.29 0.00	31.36 0.25 0.00	29.67 0.03 0.00	27.23 -0.16 0.00	26.51 -0.16 0.00	26.27 -0.18 0.00	26.60 -0.38 0.00	26.28 -0.48 0.00	26.98 -0.44 0.00	28.68 -0.23 0.00	36.93 -0.15 0.00	41.91 -0.17 0.00	48.50 0.29 0.00	45.98 0.50 0.00	44.27 0.74 0.00	40.18 0.83 0.00	35.34 0.80 0.00	30.96 0.55 0.00
CASSADAGA_WT_PWR 323784	29.78 0.27 0.00	26.02 0.13 0.00	23.78 -0.12 0.00	22.05 -0.15 0.00	21.79 -0.20 0.00	24.09 -0.20 0.00	28.13 -0.43 0.00	30.31 -0.81 0.00	29.61 -0.03 0.00	27.53 0.08 -0.06	27.12 0.40 -0.05	26.79 0.32 -0.02	27.11 0.05 -0.08	27.01 0.05 -0.20	27.55 -0.16 -0.29	29.27 -0.03 -0.39	37.03 -0.22 -0.17	41.65 -0.97 -0.54	47.51 -0.72 -0.03	44.93 -0.54 0.00	43.01 -0.52 0.00	38.65 -0.71 0.00	33.95 -0.59 0.00	30.51 0.09 0.00
CE_DUNWOOD___DRP 24194	31.64 2.12 0.00	27.62 1.73 0.00	25.52 1.62 0.00	23.74 1.53 0.00	23.50 1.52 0.00	25.93 1.65 0.00	30.36 1.80 0.00	33.33 2.21 0.00	31.90 2.25 0.00	31.73 2.05 -2.29	30.59 2.00 -1.92	33.18 1.96 -4.76	34.70 2.06 -5.75	37.99 2.19 -9.17	41.64 2.19 -12.03	44.44 2.25 -13.28	46.50 2.63 -6.79	63.78 2.90 -18.80	52.45 3.37 -0.87	48.34 2.87 0.00	46.10 2.57 0.00	41.76 2.40 0.00	36.51 1.97 0.00	32.04 1.61 -0.01
CE_MILLWOOD___DRP 24193	31.58 2.07 0.00	27.57 1.68 0.00	25.47 1.58 0.00	23.69 1.49 0.00	23.46 1.47 0.00	25.88 1.60 0.00	30.27 1.71 0.00	33.23 2.12 0.00	31.81 2.16 0.00	31.67 1.97 -2.31	30.53 1.92 -1.94	32.49 1.88 -4.15	34.23 1.89 -5.37	37.66 1.98 -8.93	41.38 2.11 -11.85	44.52 2.17 -13.44	46.45 2.52 -6.86	63.94 2.82 -19.04	52.37 3.28 -0.88	48.25 2.77 0.00	46.02 2.48 0.00	41.68 2.32 0.00	36.44 1.90 0.00	31.98 1.55 -0.01
CE_NYC2_DRP 24202	32.00 2.48 -0.01	27.91 2.02 -0.01	25.79 1.89 -0.01	23.99 1.78 -0.01	23.75 1.76 -0.01	26.17 1.89 0.00	30.59 2.03 0.00	33.61 2.49 0.00	32.19 2.55 0.00	32.03 2.38 -2.26	30.90 2.32 -1.90	37.03 2.20 -8.37	37.33 2.21 -8.15	40.05 2.30 -11.00	43.47 2.44 -13.61	44.43 2.51 -13.01	46.60 2.85 -6.66	63.63 3.16 -18.40	52.67 3.62 -0.85	48.57 3.09 0.00	46.23 2.70 0.00	41.99 2.64 0.00	36.79 2.25 0.00	32.34 1.92 -0.01
CE_NYC_DRP 24195	31.90 2.39 0.00	27.83 1.94 0.00	25.71 1.82 0.00	23.92 1.71 0.00	23.68 1.69 0.00	26.10 1.82 0.00	30.59 2.03 0.00	33.58 2.46 0.00	32.16 2.52 0.00	31.97 2.33 -2.26	30.84 2.27 -1.90	36.34 2.22 -7.67	36.91 2.27 -7.67	39.73 2.35 -10.62	43.18 2.49 -13.27	44.47 2.54 -13.02	46.67 2.93 -6.67	63.77 3.28 -18.41	52.82 3.76 -0.85	48.66 3.18 0.00	46.41 2.87 0.00	42.07 2.72 0.00	36.72 2.18 0.00	32.25 1.82 -0.01
CHAFFEE___LFGE 323603	29.25 -0.27 0.00	25.63 -0.26 0.00	23.51 -0.38 0.00	21.90 -0.31 0.00	21.61 -0.37 0.00	23.84 -0.44 0.00	27.76 -0.80 0.00	29.81 -1.31 0.00	29.05 -0.59 0.00	26.92 -0.52 -0.06	26.54 -0.19 -0.05	26.23 -0.24 -0.02	26.58 -0.48 -0.08	26.50 -0.46 -0.20	27.02 -0.68 -0.29	28.69 -0.61 -0.39	36.28 -0.96 -0.17	40.85 -1.77 -0.54	46.54 -1.69 -0.02	44.07 -1.41 0.00	42.27 -1.26 0.00	37.94 -1.42 0.00	33.30 -1.24 0.00	29.99 -0.43 0.00
CHATEAUG_35_KV_LOAD 355732	29.31 -0.21 0.00	25.86 -0.03 0.00	23.85 -0.05 0.00	22.18 -0.02 0.00	21.96 -0.02 0.00	24.21 -0.07 0.00	28.56 0.00 0.00	31.18 0.06 0.00	29.58 -0.06 0.00	27.36 -0.03 0.00	26.59 -0.08 0.00	26.40 -0.05 0.00	27.03 0.05 0.00	26.76 0.00 0.00	27.31 -0.11 0.00	28.76 -0.14 0.00	37.19 0.11 0.00	42.37 0.29 0.00	48.35 0.14 0.00	45.57 0.09 0.00	43.84 0.30 0.00	39.91 0.55 0.00	35.20 0.66 0.00	30.90 0.49 0.00
CHATEAUG_WT_PWR 323614	29.25 -0.27 0.00	25.81 -0.08 0.00	23.83 -0.07 0.00	22.16 -0.04 0.00	21.92 -0.07 0.00	24.18 -0.10 0.00	28.47 -0.09 0.00	31.12 0.00 0.00	29.55 -0.09 0.00	27.33 -0.05 0.00	26.57 -0.11 0.00	26.35 -0.11 0.00	27.00 0.03 0.00	26.73 -0.03 0.00	27.28 -0.14 0.00	28.74 -0.17 0.00	37.11 0.04 0.00	42.29 0.21 0.00	48.21 0.00 0.00	45.43 -0.05 0.00	43.71 0.17 0.00	39.83 0.47 0.00	35.09 0.55 0.00	30.84 0.43 0.00
CHAT_HIGH_FALL_HYD 323578	29.31 -0.21 0.00	25.86 -0.03 0.00	23.85 -0.05 0.00	22.18 -0.02 0.00	21.96 -0.02 0.00	24.21 -0.07 0.00	28.56 0.00 0.00	31.18 0.06 0.00	29.58 -0.06 0.00	27.36 -0.03 0.00	26.59 -0.08 0.00	26.40 -0.05 0.00	27.03 0.05 0.00	26.76 0.00 0.00	27.31 -0.11 0.00	28.76 -0.14 0.00	37.19 0.11 0.00	42.37 0.29 0.00	48.35 0.14 0.00	45.57 0.09 0.00	43.84 0.30 0.00	39.91 0.55 0.00	35.20 0.66 0.00	30.90 0.49 0.00
CHAUTAUQUA___LFGE 323629	29.54 0.03 0.00	25.84 -0.05 0.00	23.68 -0.22 0.00	22.01 -0.20 0.00	21.72 -0.26 0.00	23.99 -0.29 0.00	27.96 -0.60 0.00	30.06 -1.06 0.00	29.35 -0.30 0.00	27.22 -0.22 -0.05	26.83 0.11 -0.05	26.53 0.05 -0.02	26.84 -0.22 -0.08	26.77 -0.19 -0.20	27.29 -0.41 -0.28	28.94 -0.35 -0.37	36.58 -0.67 -0.17	41.17 -1.43 -0.52	46.98 -1.25 -0.02	44.48 -1.00 0.00	42.62 -0.92 0.00	38.30 -1.06 0.00	33.61 -0.93 0.00	30.26 -0.15 0.00
CHERRYST_13_KV_LD 356241	31.99 2.48 0.00	27.91 2.02 0.00	25.78 1.89 0.00	23.98 1.78 0.00	23.74 1.76 0.00	26.20 1.92 0.00	30.67 2.11 0.00	33.73 2.61 0.00	32.31 2.67 0.00	32.11 2.46 -2.26	30.97 2.40 -1.90	36.49 2.35 -7.68	37.03 2.37 -7.68	39.84 2.46 -10.62	43.29 2.60 -13.27	44.61 2.69 -13.02	46.86 3.11 -6.67	63.94 3.45 -18.41	53.01 3.95 -0.85	48.84 3.37 0.00	46.54 3.00 0.00	42.19 2.83 0.00	36.82 2.28 0.00	32.34 1.92 -0.01

CHESTROR_138KV_BK263 355645	31.17 1.65 0.00	27.21 1.32 0.00	25.14 1.24 0.00	23.38 1.18 0.00	23.15 1.17 0.00	25.57 1.29 0.00	29.90 1.34 0.00	32.80 1.68 0.00	31.33 1.69 0.00	30.72 1.51 -1.82	29.65 1.47 -1.51	30.07 1.43 -2.19	31.85 1.43 -3.44	34.56 1.50 -6.31	37.61 1.59 -8.61	40.92 1.68 -10.34	44.43 1.97 -5.39	58.95 2.23 -14.65	51.49 2.60 -0.68	47.71 2.23 0.00	45.49 1.96 0.00	41.17 1.81 0.00	36.03 1.49 0.00	31.64 1.22 -0.01
CH_MIDHUDSON___DRP 24192	31.31 1.80 0.00	27.36 1.48 0.00	25.28 1.39 0.00	23.52 1.31 0.00	23.28 1.30 0.00	25.71 1.43 0.00	30.07 1.51 0.00	32.92 1.80 0.00	31.48 1.84 0.00	29.94 1.62 -0.93	28.90 1.55 -0.68	28.02 1.51 -0.06	29.31 1.54 -0.80	30.35 1.61 -1.98	32.07 1.73 -2.92	34.73 1.79 -4.03	41.86 2.11 -2.67	50.13 2.36 -5.70	51.27 2.80 -0.26	47.84 2.36 0.00	45.67 2.13 0.00	41.29 1.93 0.00	36.13 1.59 0.00	31.71 1.28 -0.01
CH_MISC_IPPS 23765	31.52 2.01 0.00	27.52 1.63 0.00	25.40 1.51 0.00	23.63 1.42 0.00	23.39 1.41 0.00	25.86 1.58 0.00	30.19 1.63 0.00	33.14 2.02 0.00	31.66 2.02 0.00	30.52 1.78 -1.35	29.41 1.68 -1.06	28.55 1.67 -0.43	30.25 1.67 -1.60	32.14 1.74 -3.64	34.54 1.89 -5.23	37.80 1.97 -6.93	43.43 2.41 -3.94	54.44 2.73 -9.63	51.79 3.13 -0.44	48.21 2.73 0.00	46.01 2.48 0.00	41.60 2.24 0.00	36.37 1.83 0.00	31.92 1.49 -0.01
CH_RES_BVR_FALLS 23983	29.25 -0.27 0.00	25.71 -0.18 0.00	23.73 -0.17 0.00	22.05 -0.15 0.00	21.85 -0.13 0.00	24.11 -0.17 0.00	28.42 -0.14 0.00	31.02 -0.09 0.00	29.49 -0.15 0.00	27.28 -0.11 0.00	26.57 -0.11 0.00	26.35 -0.11 0.00	26.89 -0.08 0.00	26.68 -0.08 0.00	27.28 -0.14 0.00	28.76 -0.14 0.00	36.96 -0.11 0.00	41.99 -0.08 0.00	48.06 -0.14 0.00	45.30 -0.18 0.00	43.45 -0.09 0.00	39.32 -0.04 0.00	34.54 0.00 0.00	30.38 -0.03 0.00
CH_RES_NIAGARA 23895	28.13 -1.39 0.00	24.62 -1.27 0.00	22.68 -1.22 0.00	21.10 -1.11 0.00	20.84 -1.14 0.00	22.97 -1.31 0.00	26.36 -2.20 0.00	28.57 -2.55 0.00	27.92 -1.72 0.00	25.88 -1.56 -0.05	25.44 -1.28 -0.04	25.17 -1.30 -0.01	25.48 -1.56 -0.07	25.35 -1.58 -0.17	25.94 -1.73 -0.25	27.51 -1.73 -0.33	34.56 -2.67 -0.15	38.97 -3.58 -0.48	44.04 -4.19 -0.02	42.11 -3.37 0.00	40.49 -3.05 0.00	36.37 -2.99 0.00	31.78 -2.76 0.00	28.89 -1.52 0.00
CH_RES_SYRACUSE 23985	29.48 -0.03 0.00	25.86 -0.03 0.00	23.80 -0.10 0.00	22.12 -0.09 0.00	21.90 -0.09 0.00	24.16 -0.12 0.00	28.39 -0.17 0.00	30.78 -0.34 0.00	29.40 -0.24 0.00	27.14 -0.25 0.00	26.46 -0.21 0.00	26.22 -0.24 0.00	26.65 -0.32 0.00	26.46 -0.29 0.00	27.17 -0.25 0.00	28.74 -0.17 0.00	36.70 -0.37 0.00	41.53 -0.55 0.00	47.63 -0.58 0.00	45.02 -0.45 0.00	43.10 -0.44 0.00	38.89 -0.47 0.00	34.13 -0.41 0.00	30.08 -0.33 0.00
CLINTON_WT_PWR 323605	29.25 -0.27 0.00	25.81 -0.08 0.00	23.83 -0.07 0.00	22.16 -0.04 0.00	21.92 -0.07 0.00	24.18 -0.10 0.00	28.47 -0.09 0.00	31.12 0.00 0.00	29.55 -0.09 0.00	27.33 -0.05 0.00	26.57 -0.11 0.00	26.35 -0.11 0.00	27.00 0.03 0.00	26.73 -0.03 0.00	27.28 -0.14 0.00	28.74 -0.17 0.00	37.11 0.04 0.00	42.29 0.21 0.00	48.21 0.00 0.00	45.43 -0.05 0.00	43.71 0.17 0.00	39.83 0.47 0.00	35.09 0.55 0.00	30.84 0.43 0.00
CLINTON___LFGE 323618	29.78 0.27 0.00	26.38 0.49 0.00	24.28 0.38 0.00	22.61 0.40 0.00	22.38 0.40 0.00	24.57 0.29 0.00	28.93 0.37 0.00	31.65 0.53 0.00	30.03 0.38 0.00	27.74 0.36 0.00	26.91 0.24 0.00	26.69 0.24 0.00	27.38 0.41 0.00	27.18 0.43 0.00	27.72 0.30 0.00	29.23 0.32 0.00	37.82 0.74 0.00	43.04 0.97 0.00	49.12 0.91 0.00	46.25 0.77 0.00	44.54 1.00 0.00	40.65 1.30 0.00	35.85 1.31 0.00	31.42 1.00 0.00
COBBLENY_34_KV_TB1 80064	29.25 -0.27 0.00	25.55 -0.34 0.00	23.51 -0.38 0.00	21.90 -0.31 0.00	21.61 -0.37 0.00	23.84 -0.44 0.00	27.42 -1.14 0.00	29.81 -1.31 0.00	29.05 -0.59 0.00	26.92 -0.52 -0.06	26.46 -0.27 -0.05	26.18 -0.29 -0.02	26.52 -0.54 -0.08	26.40 -0.56 -0.20	27.07 -0.63 -0.29	28.77 -0.52 -0.38	36.28 -0.96 -0.17	40.85 -1.77 -0.54	46.26 -1.98 -0.03	44.07 -1.41 0.00	42.23 -1.31 0.00	37.94 -1.42 0.00	33.19 -1.35 0.00	29.99 -0.43 0.00
COFFEEN___115KV_TB3 355620	29.96 0.44 0.00	26.46 0.57 0.00	24.37 0.48 0.00	22.52 0.31 0.00	22.43 0.44 0.00	24.77 0.49 0.00	28.99 0.43 0.00	31.49 0.37 0.00	29.79 0.15 0.00	27.28 -0.11 0.00	26.59 -0.08 0.00	26.35 -0.11 0.00	26.60 -0.38 0.00	26.22 -0.54 0.00	26.98 -0.44 0.00	28.73 -0.17 0.00	36.96 -0.11 0.00	41.99 -0.08 0.00	48.74 0.53 0.00	46.34 0.86 0.00	44.62 1.09 0.00	40.46 1.10 0.00	35.51 0.97 0.00	31.11 0.70 0.00
COLDSPRG_115KV_BK1 355956	29.87 0.35 0.00	26.07 0.18 0.00	23.92 0.02 0.00	22.25 0.04 0.00	21.99 0.00 0.00	24.30 0.02 0.00	28.07 -0.49 0.00	30.62 -0.50 0.00	29.82 0.18 0.00	27.67 0.22 -0.06	27.18 0.45 -0.05	26.82 0.34 -0.02	27.17 0.11 -0.09	27.02 0.05 -0.21	27.72 0.00 -0.31	29.55 0.23 -0.41	37.37 0.11 -0.18	42.06 -0.59 -0.57	47.70 -0.53 -0.03	45.39 -0.09 0.00	43.36 -0.17 0.00	38.96 -0.39 0.00	34.13 -0.41 0.00	30.72 0.30 0.00
COLONIE_LFGE___ 323577	30.55 1.03 0.00	26.77 0.88 0.00	24.76 0.86 0.00	23.00 0.80 0.00	22.78 0.79 0.00	25.13 0.85 0.00	29.36 0.80 0.00	32.05 0.93 0.00	30.53 0.89 0.00	27.47 0.71 0.63	26.92 0.64 0.39	26.69 0.63 0.40	27.01 0.62 0.58	26.44 0.67 0.99	26.93 0.88 1.37	28.15 0.92 1.69	36.29 0.93 1.71	40.76 1.05 2.37	49.40 1.30 0.11	46.71 1.23 0.00	44.71 1.18 0.00	40.38 1.02 0.00	35.30 0.76 0.00	31.04 0.64 0.01
COOPERNY_115KV_TB1 80082	30.72 1.21 0.00	26.87 0.98 0.00	24.80 0.91 0.00	23.07 0.87 0.00	22.84 0.86 0.00	25.20 0.92 0.00	29.53 0.97 0.00	32.33 1.21 0.00	30.89 1.24 0.00	29.69 1.12 -1.18	28.73 1.09 -0.97	28.57 1.06 -1.05	29.99 1.05 -1.96	31.68 1.10 -3.83	33.90 1.18 -5.31	36.73 1.24 -6.58	42.00 1.45 -3.48	52.99 1.60 -9.32	50.57 1.93 -0.43	47.12 1.64 0.00	44.97 1.44 0.00	40.69 1.34 0.00	35.61 1.07 0.00	31.30 0.88 -0.01
COPENHAGEN_WT_PWR 323753	29.72 0.21 0.00	26.25 0.36 0.00	24.18 0.29 0.00	22.36 0.16 0.00	22.25 0.26 0.00	24.57 0.29 0.00	28.79 0.23 0.00	31.27 0.16 0.00	29.61 -0.03 0.00	27.17 -0.22 0.00	26.46 -0.21 0.00	26.22 -0.24 0.00	26.52 -0.46 0.00	26.17 -0.59 0.00	26.92 -0.49 0.00	28.62 -0.29 0.00	36.78 -0.30 0.00	41.74 -0.34 0.00	48.40 0.19 0.00	45.89 0.41 0.00	44.19 0.65 0.00	40.03 0.67 0.00	35.16 0.62 0.00	30.81 0.39 0.00
CORNELL_____ 23752	30.19 0.68 0.00	26.46 0.57 0.00	24.35 0.45 0.00	22.63 0.42 0.00	22.40 0.42 0.00	24.72 0.44 0.00	28.99 0.43 0.00	31.61 0.50 0.00	30.18 0.53 0.00	27.85 0.38 -0.08	27.12 0.37 -0.07	26.77 0.29 -0.02	27.31 0.22 -0.12	27.23 0.19 -0.29	28.13 0.30 -0.42	29.95 0.49 -0.55	37.79 0.48 -0.23	43.18 0.38 -0.73	48.92 0.67 -0.03	46.30 0.82 0.00	44.32 0.78 0.00	39.95 0.59 0.00	35.03 0.48 0.00	30.90 0.49 0.00

CORONA_69_KV_TB1 355595	49.88 2.57 -17.80	33.17 2.12 -5.16	25.95 2.03 -0.02	24.13 1.91 -0.02	23.91 1.91 -0.02	26.41 2.11 -0.02	30.89 2.31 -0.02	34.60 2.71 -0.77	32.36 2.70 -0.02	32.57 2.44 -2.74	38.67 2.32 -9.68	48.52 2.30 -19.76	48.48 2.35 -19.16	46.20 2.43 -17.01	47.43 2.58 -17.43	45.17 2.60 -13.66	52.72 3.08 -12.57	63.95 3.49 -18.38	53.17 4.10 -0.86	49.18 3.68 -0.02	46.90 3.35 -0.02	42.32 2.95 -0.02	37.69 2.45 -0.70	34.97 2.10 -2.45
CORTLAND_115KV_TB3 80093	29.98 0.47 0.00	26.28 0.39 0.00	24.21 0.31 0.00	22.49 0.29 0.00	22.27 0.29 0.00	24.60 0.32 0.00	28.82 0.26 0.00	31.37 0.25 0.00	29.97 0.33 0.00	27.65 0.19 -0.07	26.95 0.21 -0.06	26.64 0.16 -0.02	27.16 0.08 -0.10	27.08 0.08 -0.24	27.93 0.16 -0.34	29.68 0.32 -0.46	37.56 0.30 -0.18	42.83 0.17 -0.59	48.62 0.39 -0.03	45.98 0.50 0.00	43.97 0.44 0.00	39.67 0.31 0.00	34.78 0.24 0.00	30.69 0.27 0.00
COXSACKIE___GT 23611	31.08 1.56 0.00	27.18 1.29 0.00	25.07 1.17 0.00	23.29 1.09 0.00	23.04 1.06 0.00	25.57 1.29 0.00	29.85 1.29 0.00	32.39 1.28 0.00	30.62 0.98 0.00	28.19 0.82 0.02	27.36 0.67 -0.02	26.74 0.29 0.01	27.73 0.67 -0.08	27.72 0.72 -0.24	28.69 0.93 -0.34	30.38 1.01 -0.46	38.36 1.30 0.01	44.42 1.73 -0.62	50.50 2.27 -0.03	47.43 1.95 0.00	45.45 1.91 0.00	41.01 1.65 0.00	35.96 1.42 0.00	31.60 1.18 0.00
CPV_VALLEY___CC1 323721	30.93 1.42 0.00	27.00 1.11 0.00	24.95 1.05 0.00	23.21 1.00 0.00	22.98 0.99 0.00	25.35 1.07 0.00	29.64 1.08 0.00	32.55 1.43 0.00	31.09 1.45 0.00	30.27 1.31 -1.57	29.24 1.28 -1.29	29.15 1.24 -1.45	30.88 1.24 -2.66	33.21 1.28 -5.17	35.96 1.40 -7.15	39.22 1.47 -8.84	43.39 1.67 -4.64	56.40 1.85 -12.48	50.96 2.17 -0.58	47.34 1.87 0.00	45.15 1.61 0.00	40.85 1.50 0.00	35.72 1.18 0.00	31.40 0.97 -0.01
CPV_VALLEY___CC2 323722	30.93 1.42 0.00	27.00 1.11 0.00	24.95 1.05 0.00	23.21 1.00 0.00	22.98 0.99 0.00	25.35 1.07 0.00	29.64 1.08 0.00	32.55 1.43 0.00	31.09 1.45 0.00	30.27 1.31 -1.57	29.24 1.28 -1.29	29.15 1.24 -1.45	30.88 1.24 -2.66	33.21 1.28 -5.17	35.96 1.40 -7.15	39.22 1.47 -8.84	43.39 1.67 -4.64	56.40 1.85 -12.48	50.96 2.17 -0.58	47.34 1.87 0.00	45.15 1.61 0.00	40.85 1.50 0.00	35.72 1.18 0.00	31.40 0.97 -0.01
CRESCENT___HYD 24018	30.55 1.03 0.00	26.77 0.88 0.00	24.76 0.86 0.00	23.00 0.80 0.00	22.78 0.79 0.00	25.13 0.85 0.00	29.36 0.80 0.00	32.05 0.93 0.00	30.53 0.89 0.00	27.47 0.71 0.63	26.92 0.64 0.39	26.69 0.63 0.40	27.01 0.62 0.58	26.44 0.67 0.99	26.93 0.88 1.37	28.15 0.92 1.69	36.29 0.93 1.71	40.76 1.05 2.37	49.40 1.30 0.11	46.71 1.23 0.00	44.71 1.18 0.00	40.38 1.02 0.00	35.30 0.76 0.00	31.04 0.64 0.01
CRICKET___VALLEY_CC1 323756	30.81 1.30 0.00	26.97 1.09 0.00	25.00 1.10 0.00	23.23 1.02 0.00	23.02 1.03 0.00	25.40 1.12 0.00	29.59 1.03 0.00	32.45 1.34 0.00	31.01 1.36 0.00	24.05 1.18 4.52	25.57 1.15 2.25	25.55 1.11 2.02	26.05 1.11 2.03	25.53 1.21 2.43	25.42 1.37 3.37	26.13 1.39 4.16	27.07 1.48 11.49	37.83 1.64 5.88	49.81 1.88 0.27	47.11 1.63 0.00	44.97 1.43 0.00	40.65 1.30 0.00	35.51 0.97 0.00	31.02 0.76 0.16
CRICKET___VALLEY_CC2 323757	30.81 1.30 0.00	26.97 1.09 0.00	25.00 1.10 0.00	23.23 1.02 0.00	23.02 1.03 0.00	25.40 1.12 0.00	29.59 1.03 0.00	32.45 1.34 0.00	31.01 1.36 0.00	24.05 1.18 4.52	25.57 1.15 2.25	25.55 1.11 2.02	26.05 1.11 2.03	25.53 1.21 2.43	25.42 1.37 3.37	26.13 1.39 4.16	27.06 1.48 11.50	37.83 1.64 5.88	49.81 1.88 0.27	47.11 1.63 0.00	44.97 1.43 0.00	40.65 1.30 0.00	35.51 0.97 0.00	31.02 0.76 0.16
CRICKET___VALLEY_CC3 323758	30.81 1.30 0.00	26.97 1.09 0.00	25.00 1.10 0.00	23.23 1.02 0.00	23.02 1.03 0.00	25.40 1.12 0.00	29.59 1.03 0.00	32.45 1.34 0.00	31.01 1.36 0.00	24.05 1.18 4.52	25.57 1.15 2.25	25.55 1.11 2.02	26.05 1.11 2.03	25.53 1.21 2.43	25.42 1.37 3.37	26.13 1.39 4.16	27.07 1.48 11.49	37.83 1.64 5.88	49.81 1.88 0.27	47.11 1.63 0.00	44.97 1.43 0.00	40.65 1.30 0.00	35.51 0.97 0.00	31.02 0.76 0.16
CRUCIBLE_METL_DRP 24180	29.48 -0.03 0.00	25.84 -0.05 0.00	23.80 -0.10 0.00	22.12 -0.09 0.00	21.90 -0.09 0.00	24.16 -0.12 0.00	28.36 -0.20 0.00	30.77 -0.34 0.00	29.41 -0.24 0.00	27.14 -0.25 0.00	26.43 -0.24 0.00	26.19 -0.26 0.00	26.65 -0.32 0.00	26.43 -0.32 0.00	27.17 -0.25 0.00	28.73 -0.17 0.00	36.70 -0.37 0.00	41.53 -0.55 0.00	47.58 -0.63 0.00	45.02 -0.45 0.00	43.10 -0.44 0.00	38.88 -0.47 0.00	34.09 -0.45 0.00	30.08 -0.33 0.00
DAHOWA___HYDRO 323763	31.13 1.62 0.00	27.28 1.40 0.00	25.21 1.31 0.00	23.40 1.20 0.00	23.15 1.16 0.00	25.49 1.21 0.00	29.81 1.26 0.00	32.42 1.31 0.00	30.80 1.15 0.00	27.72 0.88 0.55	27.07 0.75 0.35	26.81 0.71 0.36	27.11 0.67 0.54	26.55 0.72 0.93	27.10 0.96 1.28	28.40 1.07 1.58	36.77 1.19 1.49	41.33 1.47 2.22	49.98 1.88 0.10	47.39 1.91 0.00	45.50 1.96 0.00	41.09 1.73 0.00	35.92 1.38 0.00	31.71 1.31 0.01
DANC___LFGE 323619	29.45 -0.06 0.00	25.94 0.05 0.00	23.90 0.00 0.00	22.14 -0.07 0.00	21.99 0.00 0.00	24.28 0.00 0.00	28.45 -0.11 0.00	30.87 -0.25 0.00	29.32 -0.33 0.00	26.95 -0.44 0.00	26.30 -0.37 0.00	26.06 -0.40 0.00	26.41 -0.57 0.00	26.11 -0.64 0.00	26.84 -0.58 0.00	28.44 -0.46 0.00	36.48 -0.59 0.00	41.36 -0.72 0.00	47.77 -0.43 0.00	45.25 -0.23 0.00	43.49 -0.04 0.00	39.32 -0.04 0.00	34.54 0.00 0.00	30.35 -0.06 0.00
DANSKAMMER___1 23586	31.52 2.01 0.00	27.52 1.63 0.00	25.40 1.51 0.00	23.63 1.42 0.00	23.39 1.41 0.00	25.86 1.58 0.00	30.19 1.63 0.00	33.14 2.02 0.00	31.66 2.02 0.00	30.52 1.78 -1.35	29.41 1.68 -1.06	28.55 1.67 -0.43	30.25 1.67 -1.60	32.14 1.74 -3.64	34.54 1.89 -5.23	37.80 1.97 -6.93	43.43 2.41 -3.94	54.44 2.73 -9.63	51.79 3.13 -0.44	48.21 2.73 0.00	46.01 2.48 0.00	41.60 2.24 0.00	36.37 1.83 0.00	31.92 1.49 -0.01
DANSKAMMER___2 23589	31.52 2.01 0.00	27.52 1.63 0.00	25.40 1.51 0.00	23.63 1.42 0.00	23.39 1.41 0.00	25.86 1.58 0.00	30.19 1.63 0.00	33.14 2.02 0.00	31.66 2.02 0.00	30.52 1.78 -1.35	29.41 1.68 -1.06	28.55 1.67 -0.43	30.25 1.67 -1.60	32.14 1.74 -3.64	34.54 1.89 -5.23	37.80 1.97 -6.93	43.43 2.41 -3.94	54.44 2.73 -9.63	51.79 3.13 -0.44	48.21 2.73 0.00	46.01 2.48 0.00	41.60 2.24 0.00	36.37 1.83 0.00	31.92 1.49 -0.01
DANSKAMMER___3 23590	31.52 2.01 0.00	27.52 1.63 0.00	25.40 1.51 0.00	23.63 1.42 0.00	23.39 1.41 0.00	25.86 1.58 0.00	30.19 1.63 0.00	33.14 2.02 0.00	31.66 2.02 0.00	30.52 1.78 -1.35	29.41 1.68 -1.06	28.55 1.67 -0.43	30.25 1.67 -1.60	32.14 1.74 -3.64	34.54 1.89 -5.23	37.80 1.97 -6.93	43.43 2.41 -3.94	54.44 2.73 -9.63	51.79 3.13 -0.44	48.21 2.73 0.00	46.01 2.48 0.00	41.60 2.24 0.00	36.37 1.83 0.00	31.92 1.49 -0.01

DANSKAMMER___4 23591	31.52 2.01 0.00	27.52 1.63 0.00	25.40 1.51 0.00	23.63 1.42 0.00	23.39 1.41 0.00	25.86 1.58 0.00	30.19 1.63 0.00	33.14 2.02 0.00	31.66 2.02 0.00	30.52 1.78 -1.35	29.41 1.68 -1.06	28.55 1.67 -0.43	30.25 1.67 -1.60	32.14 1.74 -3.64	34.54 1.89 -5.23	37.80 1.97 -6.93	43.43 2.41 -3.94	54.44 2.73 -9.63	51.79 3.13 -0.44	48.21 2.73 0.00	46.01 2.48 0.00	41.60 2.24 0.00	36.37 1.83 0.00	31.92 1.49 -0.01
DANSKAMMER___DIESEL 23592	31.52 2.01 0.00	27.52 1.63 0.00	25.43 1.53 0.00	23.63 1.42 0.00	23.39 1.41 0.00	25.86 1.58 0.00	30.24 1.68 0.00	33.14 2.02 0.00	31.66 2.02 0.00	30.52 1.78 -1.35	29.41 1.68 -1.06	28.55 1.67 -0.43	30.25 1.67 -1.60	32.16 1.77 -3.64	34.54 1.89 -5.23	37.80 1.97 -6.93	43.43 2.41 -3.94	54.63 2.73 -9.82	51.84 3.18 -0.45	48.21 2.73 0.00	46.02 2.48 0.00	41.60 2.24 0.00	36.41 1.87 0.00	31.92 1.49 -0.01
DARBY___SOLAR 323810	31.02 1.50 0.00	27.18 1.29 0.00	25.11 1.22 0.00	23.32 1.11 0.00	23.06 1.08 0.00	25.42 1.14 0.00	29.70 1.14 0.00	32.33 1.21 0.00	30.71 1.07 0.00	27.62 0.79 0.56	27.01 0.69 0.35	26.75 0.66 0.37	27.05 0.62 0.54	26.46 0.64 0.94	27.03 0.90 1.29	28.32 1.01 1.59	36.66 1.11 1.52	41.18 1.35 2.24	49.89 1.78 0.10	47.30 1.82 0.00	45.32 1.79 0.00	40.93 1.58 0.00	35.82 1.28 0.00	31.59 1.18 0.01
DASHVILLE___HYD 23610	31.52 2.01 0.00	27.49 1.60 0.00	25.40 1.51 0.00	23.63 1.42 0.00	23.39 1.41 0.00	25.83 1.55 0.00	30.22 1.66 0.00	33.11 1.99 0.00	31.63 1.99 0.00	30.36 1.89 -1.08	29.33 1.79 -0.87	28.57 1.77 -0.34	30.09 1.78 -1.33	31.68 1.87 -3.05	33.80 2.00 -4.38	36.79 2.08 -5.80	42.81 2.56 -3.17	53.20 2.90 -8.23	52.01 3.42 -0.38	48.16 2.68 0.00	45.93 2.39 0.00	41.56 2.20 0.00	36.37 1.83 0.00	31.91 1.49 -0.01
DELAWARE___LFGE 323621	30.55 1.03 0.00	26.74 0.85 0.00	24.69 0.79 0.00	22.92 0.71 0.00	22.71 0.73 0.00	25.08 0.80 0.00	29.39 0.83 0.00	32.08 0.96 0.00	30.77 1.13 0.00	28.49 0.96 -0.15	27.74 0.93 -0.13	27.40 0.90 -0.04	28.01 0.81 -0.22	28.11 0.83 -0.53	28.97 0.80 -0.76	30.87 0.95 -1.00	38.58 1.08 -0.43	44.52 1.09 -1.35	49.72 1.45 -0.06	46.80 1.32 0.00	44.75 1.22 0.00	40.46 1.10 0.00	35.44 0.90 0.00	31.17 0.76 0.00
DERFIELD_115KV_TB7 355931	29.66 0.15 0.00	26.02 0.13 0.00	24.02 0.12 0.00	22.32 0.11 0.00	22.10 0.11 0.00	24.40 0.12 0.00	28.67 0.11 0.00	31.24 0.12 0.00	29.76 0.12 0.00	27.47 0.08 0.00	26.75 0.08 0.00	26.54 0.08 0.00	27.03 0.05 0.00	26.81 0.05 0.00	27.53 0.11 0.00	29.02 0.12 0.00	37.19 0.11 0.00	42.16 0.08 0.00	48.35 0.14 0.00	45.62 0.14 0.00	43.62 0.09 0.00	39.44 0.08 0.00	34.61 0.07 0.00	30.44 0.03 0.00
DOGLEVILLE___HYD 23807	29.34 -0.18 0.00	25.73 -0.16 0.00	23.78 -0.12 0.00	22.10 -0.11 0.00	21.90 -0.09 0.00	24.21 -0.07 0.00	28.47 -0.09 0.00	31.02 -0.09 0.00	29.55 -0.09 0.00	27.25 -0.14 0.00	26.54 -0.13 0.00	26.32 -0.13 0.00	26.76 -0.22 0.00	26.54 -0.21 0.00	27.25 -0.16 0.00	28.79 -0.12 0.00	36.89 -0.19 0.00	41.82 -0.25 0.00	48.02 -0.19 0.00	45.30 -0.18 0.00	43.32 -0.22 0.00	39.12 -0.24 0.00	34.27 -0.28 0.00	30.11 -0.30 0.00
DUNKIRK__115KV_TB_200 55889	29.48 -0.03 0.00	25.73 -0.16 0.00	23.66 -0.24 0.00	21.98 -0.22 0.00	21.72 -0.26 0.00	23.96 -0.32 0.00	27.59 -0.97 0.00	30.00 -1.12 0.00	29.29 -0.36 0.00	27.17 -0.27 -0.05	26.72 0.00 -0.05	26.42 -0.05 -0.02	26.73 -0.32 -0.08	26.63 -0.32 -0.19	27.28 -0.41 -0.28	28.99 -0.29 -0.37	36.54 -0.70 -0.17	41.13 -1.47 -0.52	46.55 -1.69 -0.02	44.39 -1.09 0.00	42.53 -1.00 0.00	38.22 -1.14 0.00	33.44 -1.11 0.00	30.23 -0.18 0.00
DUNKIRK___1 23563	29.48 -0.03 0.00	25.73 -0.16 0.00	23.66 -0.24 0.00	21.98 -0.22 0.00	21.72 -0.26 0.00	23.96 -0.32 0.00	27.59 -0.97 0.00	30.00 -1.12 0.00	29.29 -0.36 0.00	27.17 -0.27 -0.05	26.72 0.00 -0.05	26.42 -0.05 -0.02	26.73 -0.32 -0.08	26.63 -0.32 -0.19	27.28 -0.41 -0.28	28.99 -0.29 -0.37	36.54 -0.70 -0.17	41.13 -1.47 -0.52	46.55 -1.69 -0.02	44.39 -1.09 0.00	42.53 -1.00 0.00	38.22 -1.14 0.00	33.44 -1.11 0.00	30.23 -0.18 0.00
DUNKIRK___2 23564	29.48 -0.03 0.00	25.73 -0.16 0.00	23.66 -0.24 0.00	21.98 -0.22 0.00	21.72 -0.26 0.00	23.96 -0.32 0.00	27.59 -0.97 0.00	30.00 -1.12 0.00	29.29 -0.36 0.00	27.17 -0.27 -0.05	26.72 0.00 -0.05	26.42 -0.05 -0.02	26.73 -0.32 -0.08	26.63 -0.32 -0.19	27.28 -0.41 -0.28	28.99 -0.29 -0.37	36.54 -0.70 -0.17	41.13 -1.47 -0.52	46.55 -1.69 -0.02	44.39 -1.09 0.00	42.53 -1.00 0.00	38.22 -1.14 0.00	33.44 -1.11 0.00	30.23 -0.18 0.00
DUNKIRK___3 23565	29.37 -0.15 0.00	25.65 -0.23 0.00	23.59 -0.31 0.00	21.92 -0.29 0.00	21.66 -0.33 0.00	23.89 -0.39 0.00	27.50 -1.06 0.00	29.87 -1.24 0.00	29.14 -0.50 0.00	27.03 -0.41 -0.05	26.59 -0.13 -0.05	26.29 -0.19 -0.02	26.62 -0.43 -0.08	26.49 -0.45 -0.19	27.14 -0.55 -0.27	28.84 -0.43 -0.36	36.35 -0.89 -0.16	40.95 -1.64 -0.52	46.35 -1.88 -0.02	44.21 -1.27 0.00	42.36 -1.18 0.00	38.06 -1.30 0.00	33.30 -1.24 0.00	30.11 -0.30 0.00
DUNKIRK___4 23566	29.37 -0.15 0.00	25.65 -0.23 0.00	23.59 -0.31 0.00	21.92 -0.29 0.00	21.66 -0.33 0.00	23.89 -0.39 0.00	27.50 -1.06 0.00	29.87 -1.24 0.00	29.14 -0.50 0.00	27.03 -0.41 -0.05	26.59 -0.13 -0.05	26.29 -0.19 -0.02	26.62 -0.43 -0.08	26.49 -0.45 -0.19	27.14 -0.55 -0.27	28.84 -0.43 -0.36	36.35 -0.89 -0.16	40.95 -1.64 -0.52	46.35 -1.88 -0.02	44.21 -1.27 0.00	42.36 -1.18 0.00	38.06 -1.30 0.00	33.30 -1.24 0.00	30.11 -0.30 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.73 2.21 0.00	27.67 1.79 0.00	25.59 1.70 0.00	23.78 1.58 0.00	23.55 1.56 0.00	25.98 1.70 0.00	30.42 1.86 0.00	33.42 2.30 0.00	31.98 2.34 0.00	31.77 2.14 -2.24	30.61 2.08 -1.86	27.44 2.04 1.05	30.78 2.05 -1.75	34.77 2.14 -5.87	38.62 2.28 -8.93	44.22 2.34 -12.97	46.45 2.71 -6.67	63.51 3.03 -18.40	52.58 3.52 -0.85	48.48 3.00 0.00	46.23 2.70 0.00	41.88 2.52 0.00	36.58 2.04 0.00	32.10 1.67 -0.01
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.37 1.86 0.00	27.39 1.50 0.00	25.28 1.39 0.00	23.52 1.31 0.00	23.28 1.30 0.00	25.71 1.43 0.00	30.10 1.54 0.00	32.98 1.87 0.00	31.54 1.90 0.00	30.56 1.67 -1.50	29.48 1.60 -1.20	28.98 1.59 -0.93	30.72 1.59 -2.16	32.90 1.66 -4.49	35.51 1.78 -6.31	38.82 1.85 -8.06	43.70 2.22 -4.40	56.02 2.52 -11.42	51.73 2.99 -0.53	48.03 2.55 0.00	45.80 2.26 0.00	41.44 2.09 0.00	36.23 1.69 0.00	31.80 1.37 -0.01
E179THST_138_KV_TB4_REV_LBMP_J 345001	32.00 2.48 -0.01	27.86 1.97 -0.01	25.79 1.89 -0.01	23.99 1.78 -0.01	23.77 1.78 -0.01	26.20 1.92 0.00	30.47 1.91 0.00	33.45 2.33 0.00	32.07 2.43 0.00	31.89 2.25 -2.26	30.76 2.19 -1.90	33.82 2.09 -5.27	35.12 2.10 -6.04	38.26 2.19 -9.31	43.08 2.33 -13.33	44.32 2.40 -13.01	46.45 2.71 -6.66	63.46 2.99 -18.40	52.43 3.37 -0.85	48.34 2.87 0.00	46.06 2.52 0.00	41.84 2.48 0.00	36.72 2.18 0.00	32.34 1.92 -0.01

E179THST_13_KV_LOAD 356214	32.18 2.66 -0.01	28.02 2.12 -0.01	25.94 2.03 -0.01	24.10 1.89 -0.01	23.88 1.89 -0.01	26.32 2.04 0.00	30.62 2.06 0.00	33.64 2.52 0.00	32.22 2.58 0.00	32.05 2.41 -2.26	30.92 2.35 -1.90	33.98 2.25 -5.27	35.29 2.27 -6.04	38.42 2.35 -9.31	43.24 2.49 -13.33	44.49 2.57 -13.01	46.67 2.93 -6.66	63.71 3.24 -18.40	52.77 3.71 -0.85	48.62 3.14 0.00	46.32 2.79 0.00	42.07 2.72 0.00	36.92 2.38 0.00	32.53 2.10 -0.01
EAST HAMPTON___GT 23717	42.87 3.42 -9.93	31.54 2.77 -2.88	26.68 2.77 -0.01	24.90 2.69 -0.01	24.76 2.77 -0.01	27.35 3.06 -0.01	31.82 3.25 -0.01	35.59 4.04 -0.43	34.05 4.33 -0.08	33.89 3.92 -2.59	36.48 3.60 -6.21	38.49 3.57 -8.46	40.76 3.75 -10.04	41.48 3.72 -11.01	43.88 3.84 -12.62	46.18 3.87 -13.40	61.66 4.34 -20.25	65.36 4.96 -18.32	54.37 5.30 -0.86	50.13 4.64 -0.01	47.76 4.22 -0.01	42.75 3.39 -0.01	37.63 2.70 -0.39	34.28 2.49 -1.38
EAST RIVER___6 23660	31.90 2.39 0.00	27.80 1.92 0.00	25.71 1.82 0.00	23.92 1.71 0.00	23.68 1.69 0.00	26.08 1.80 0.00	30.50 1.94 0.00	33.61 2.49 0.00	32.13 2.49 0.00	31.97 2.33 -2.26	30.81 2.24 -1.90	36.40 2.22 -7.72	36.92 2.24 -7.71	39.70 2.30 -10.65	43.20 2.49 -13.29	44.47 2.54 -13.02	46.64 2.89 -6.67	63.63 3.20 -18.36	52.77 3.71 -0.85	48.66 3.18 0.00	46.36 2.83 0.00	42.07 2.71 0.00	36.72 2.18 0.00	32.22 1.79 -0.01
EAST RIVER___7 23524	31.90 2.39 0.00	27.80 1.92 0.00	25.71 1.82 0.00	23.92 1.71 0.00	23.68 1.69 0.00	26.08 1.80 0.00	30.50 1.94 0.00	33.61 2.49 0.00	32.13 2.49 0.00	31.97 2.33 -2.26	30.81 2.24 -1.90	36.40 2.22 -7.72	36.92 2.24 -7.71	39.70 2.30 -10.65	43.20 2.49 -13.29	44.47 2.54 -13.02	46.64 2.89 -6.67	63.63 3.20 -18.36	52.77 3.71 -0.85	48.66 3.18 0.00	46.36 2.83 0.00	42.07 2.71 0.00	36.72 2.18 0.00	32.22 1.79 -0.01
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.64 2.12 0.00	27.62 1.73 0.00	25.52 1.62 0.00	23.74 1.53 0.00	23.50 1.52 0.00	25.93 1.65 0.00	30.36 1.80 0.00	33.33 2.21 0.00	31.90 2.25 0.00	31.73 2.05 -2.29	30.59 2.00 -1.92	33.18 1.96 -4.76	34.70 1.97 -5.75	37.99 2.06 -9.17	41.64 2.19 -12.03	44.44 2.25 -13.28	46.50 2.63 -6.79	63.78 2.90 -18.80	52.45 3.37 -0.87	48.34 2.87 0.00	46.10 2.57 0.00	41.76 2.40 0.00	36.51 1.97 0.00	32.04 1.61 -0.01
EAST_HAMPTON___DIESEL 23722	42.84 3.39 -9.93	31.51 2.74 -2.88	26.65 2.75 -0.01	24.88 2.66 -0.01	24.74 2.75 -0.01	27.35 3.06 -0.01	31.82 3.25 -0.01	35.59 4.04 -0.43	34.05 4.33 -0.08	33.92 3.94 -2.59	36.48 3.60 -6.21	38.49 3.57 -8.46	40.76 3.75 -10.04	41.48 3.72 -11.01	43.88 3.84 -12.62	46.15 3.85 -13.40	61.62 4.30 -20.25	65.32 4.92 -18.32	54.32 5.26 -0.86	50.03 4.55 -0.01	47.68 4.14 -0.01	42.67 3.31 -0.01	37.55 2.62 -0.39	34.22 2.43 -1.38
EAST_POINT___SOLAR 323840	31.67 2.15 0.00	27.67 1.78 0.00	25.52 1.63 0.00	23.69 1.49 0.00	23.44 1.45 0.00	25.98 1.70 0.00	30.19 1.63 0.00	32.58 1.46 0.00	30.86 1.22 0.00	27.78 0.74 0.35	27.03 0.59 0.23	26.45 0.11 0.12	26.64 -0.05 0.29	26.09 -0.08 0.59	26.70 0.14 0.85	27.99 0.20 1.12	36.37 0.26 0.97	41.15 0.67 1.59	50.11 1.98 0.07	48.39 2.91 0.00	46.76 3.22 0.00	42.19 2.84 0.00	36.89 2.35 0.00	32.38 1.98 0.01
EAST_PULASKI___ESR 323781	29.22 -0.30 0.00	25.68 -0.21 0.00	23.66 -0.24 0.00	21.96 -0.24 0.00	21.77 -0.22 0.00	24.01 -0.27 0.00	28.19 -0.37 0.00	30.52 -0.59 0.00	29.08 -0.56 0.00	26.81 -0.58 0.00	26.14 -0.53 0.00	25.93 -0.53 0.00	26.33 -0.65 0.00	26.09 -0.67 0.00	26.79 -0.63 0.00	28.33 -0.58 0.00	36.26 -0.82 0.00	41.06 -1.01 0.00	47.29 -0.92 0.00	44.75 -0.73 0.00	42.92 -0.61 0.00	38.77 -0.59 0.00	34.02 -0.52 0.00	29.96 -0.46 0.00
EAST_RIVER___1 323558	31.90 2.39 0.00	27.80 1.92 0.00	25.71 1.82 0.00	23.92 1.71 0.00	23.68 1.69 0.00	26.08 1.80 0.00	30.53 1.97 0.00	33.57 2.46 0.00	32.16 2.52 0.00	31.97 2.33 -2.26	30.84 2.27 -1.90	36.37 2.25 -7.67	36.88 2.24 -7.67	39.70 2.33 -10.62	43.18 2.49 -13.27	44.50 2.57 -13.02	46.67 2.93 -6.67	63.72 3.28 -18.37	52.77 3.71 -0.85	48.66 3.18 0.00	46.36 2.83 0.00	42.07 2.71 0.00	36.72 2.18 0.00	32.25 1.82 -0.01
EAST_RIVER___2 323559	31.90 2.39 0.00	27.80 1.92 0.00	25.71 1.82 0.00	23.92 1.71 0.00	23.68 1.69 0.00	26.08 1.80 0.00	30.50 1.94 0.00	33.61 2.49 0.00	32.13 2.49 0.00	31.97 2.33 -2.26	30.81 2.24 -1.90	36.40 2.22 -7.72	36.92 2.24 -7.71	39.70 2.30 -10.65	43.20 2.49 -13.29	44.47 2.54 -13.02	46.64 2.89 -6.67	63.63 3.20 -18.36	52.77 3.71 -0.85	48.66 3.18 0.00	46.36 2.83 0.00	42.07 2.71 0.00	36.72 2.18 0.00	32.22 1.79 -0.01
EAST___DELAWARE_HYD 23607	31.55 2.03 0.00	27.52 1.63 0.00	25.38 1.48 0.00	23.61 1.40 0.00	23.37 1.39 0.00	25.84 1.56 0.00	30.21 1.66 0.00	33.14 2.02 0.00	31.63 1.99 0.00	30.39 1.75 -1.25	29.33 1.65 -1.01	28.83 1.64 -0.73	30.37 1.62 -1.77	32.15 1.66 -3.73	34.49 1.81 -5.26	37.62 1.97 -6.74	43.19 2.45 -3.67	54.39 2.86 -9.45	52.07 3.42 -0.44	48.43 2.95 0.00	46.23 2.70 0.00	41.76 2.40 0.00	36.54 2.00 0.00	32.06 1.64 -0.01
EIGHT_POINT___WT_PWR 323820	29.96 0.44 0.00	26.22 0.34 0.00	24.09 0.19 0.00	22.43 0.22 0.00	22.18 0.20 0.00	24.47 0.19 0.00	28.62 0.06 0.00	30.84 -0.28 0.00	29.67 0.03 0.00	27.40 -0.05 -0.07	26.84 0.11 -0.06	26.50 0.03 -0.02	26.89 -0.19 -0.11	26.82 -0.19 -0.25	27.54 -0.25 -0.37	29.36 -0.03 -0.48	37.06 -0.22 -0.21	41.93 -0.80 -0.66	47.80 -0.43 -0.03	45.48 0.00 0.00	43.62 0.09 0.00	39.24 -0.12 0.00	34.40 -0.14 0.00	30.72 0.30 0.00
ELBRIDGE_115KV_TB2 80188	29.25 -0.27 0.00	25.65 -0.23 0.00	23.63 -0.26 0.00	21.96 -0.24 0.00	21.72 -0.26 0.00	23.96 -0.32 0.00	28.13 -0.43 0.00	30.53 -0.59 0.00	29.17 -0.47 0.00	26.92 -0.47 0.00	26.22 -0.45 0.00	26.01 -0.45 0.00	26.44 -0.54 0.00	26.22 -0.54 0.00	26.95 -0.47 0.00	28.47 -0.43 0.00	36.45 -0.63 0.00	41.19 -0.88 0.00	47.24 -0.96 0.00	44.71 -0.77 0.00	42.79 -0.74 0.00	38.61 -0.75 0.00	33.85 -0.69 0.00	29.90 -0.52 0.00
ELEC_TRO_TEK 24086	49.43 2.36 -17.55	32.97 1.99 -5.09	25.83 1.91 -0.02	24.02 1.80 -0.02	23.78 1.78 -0.02	26.24 1.94 -0.02	30.69 2.11 -0.02	34.40 2.52 -0.76	32.18 2.52 -0.02	32.37 2.25 -2.73	38.38 2.13 -9.57	47.98 2.12 -19.41	48.04 2.19 -18.88	45.82 2.25 -16.82	47.08 2.39 -17.28	44.99 2.43 -13.65	52.35 2.78 -12.49	63.61 3.16 -18.38	52.78 3.71 -0.86	48.81 3.32 -0.02	46.55 3.00 -0.02	41.97 2.60 -0.02	37.44 2.21 -0.69	34.72 1.89 -2.42
ELLENBURG_WT_PWR 323604	29.25 -0.27 0.00	25.81 -0.08 0.00	23.83 -0.07 0.00	22.16 -0.04 0.00	21.92 -0.07 0.00	24.18 -0.10 0.00	28.47 -0.09 0.00	31.12 0.00 0.00	29.55 -0.09 0.00	27.33 -0.05 0.00	26.57 -0.11 0.00	26.35 -0.11 0.00	27.00 0.03 0.00	26.73 -0.03 0.00	27.28 -0.14 0.00	28.74 -0.17 0.00	37.11 0.04 0.00	42.29 0.21 0.00	48.21 0.00 0.00	45.43 -0.05 0.00	43.71 0.17 0.00	39.83 0.47 0.00	35.09 0.55 0.00	30.84 0.43 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.04 -0.47 0.00	25.37 -0.52 0.00	23.37 -0.53 0.00	21.74 -0.47 0.00	21.48 -0.51 0.00	23.67 -0.61 0.00	27.22 -1.34 0.00	29.53 -1.59 0.00	28.81 -0.83 0.00	26.70 -0.74 -0.05	26.26 -0.45 -0.05	25.97 -0.50 -0.02	26.30 -0.76 -0.08	26.19 -0.75 -0.18	26.80 -0.88 -0.26	28.48 -0.78 -0.35	35.86 -1.37 -0.16	40.39 -2.19 -0.50	45.72 -2.51 -0.02	43.61 -1.86 0.00	41.84 -1.70 0.00	37.59 -1.77 0.00	32.88 -1.66 0.00	29.78 -0.64 0.00
EMPIRE_CC_1 323656	30.19 0.68 0.00	26.48 0.60 0.00	24.52 0.62 0.00	22.78 0.58 0.00	22.58 0.59 0.00	24.84 0.56 0.00	29.01 0.46 0.00	31.68 0.56 0.00	30.20 0.56 0.00	27.04 0.47 0.81	26.57 0.40 0.50	26.34 0.40 0.51	26.63 0.41 0.75	25.95 0.48 1.29	26.26 0.63 1.79	27.34 0.64 2.21	35.31 0.45 2.21	39.44 0.46 3.10	48.60 0.53 0.14	45.93 0.45 0.00	43.93 0.39 0.00	39.71 0.35 0.00	34.75 0.21 0.00	30.52 0.12 0.02
EMPIRE_CC_2 323658	30.19 0.68 0.00	26.48 0.60 0.00	24.52 0.62 0.00	22.78 0.58 0.00	22.58 0.59 0.00	24.84 0.56 0.00	29.01 0.46 0.00	31.68 0.56 0.00	30.20 0.56 0.00	27.04 0.47 0.81	26.57 0.40 0.50	26.34 0.40 0.51	26.63 0.41 0.75	25.95 0.48 1.29	26.26 0.63 1.79	27.34 0.64 2.21	35.31 0.45 2.21	39.44 0.46 3.10	48.60 0.53 0.14	45.93 0.45 0.00	43.93 0.39 0.00	39.71 0.35 0.00	34.75 0.21 0.00	30.52 0.12 0.02
ENORWICH_115KV_TB1 80156	31.49 1.98 0.00	27.67 1.79 0.00	25.47 1.58 0.00	23.58 1.38 0.00	23.48 1.50 0.00	25.93 1.65 0.00	30.39 1.83 0.00	33.11 1.99 0.00	31.42 1.78 0.00	28.84 1.34 -0.11	28.10 1.33 -0.10	27.71 1.22 -0.03	28.03 0.89 -0.16	27.98 0.83 -0.39	29.02 1.04 -0.56	31.21 1.56 -0.74	39.39 2.00 -0.31	45.22 2.15 -1.00	51.44 3.18 -0.05	48.66 3.18 0.00	46.58 3.05 0.00	42.03 2.68 0.00	36.79 2.25 0.00	32.39 1.98 0.00
ERIE_ST__34_KV_TB1-2 80199	29.31 -0.21 0.00	25.63 -0.26 0.00	23.56 -0.33 0.00	21.94 -0.27 0.00	21.68 -0.31 0.00	23.89 -0.39 0.00	27.50 -1.06 0.00	29.93 -1.18 0.00	29.17 -0.47 0.00	27.03 -0.41 -0.05	26.56 -0.16 -0.05	26.26 -0.21 -0.02	26.63 -0.43 -0.08	26.50 -0.45 -0.20	27.20 -0.49 -0.28	28.93 -0.35 -0.37	36.54 -0.70 -0.17	41.13 -1.47 -0.53	46.59 -1.64 -0.02	44.39 -1.09 0.00	42.45 -1.09 0.00	38.10 -1.26 0.00	33.37 -1.17 0.00	30.08 -0.33 0.00
ERIE_WT_PWR 323693	29.22 -0.30 0.00	25.60 -0.28 0.00	23.51 -0.38 0.00	21.87 -0.33 0.00	21.61 -0.37 0.00	23.82 -0.46 0.00	27.73 -0.83 0.00	29.75 -1.37 0.00	28.99 -0.65 0.00	26.87 -0.58 -0.05	26.48 -0.24 -0.05	26.18 -0.29 -0.02	26.52 -0.54 -0.08	26.41 -0.53 -0.19	26.96 -0.74 -0.28	28.58 -0.69 -0.37	36.13 -1.11 -0.16	40.70 -1.89 -0.52	46.35 -1.88 -0.02	43.93 -1.55 0.00	42.14 -1.39 0.00	37.82 -1.54 0.00	33.23 -1.31 0.00	29.96 -0.46 0.00
ESPRGFLD_115KV_TB1 80157	31.19 1.68 0.00	27.28 1.40 0.00	25.16 1.27 0.00	23.34 1.13 0.00	23.13 1.14 0.00	25.62 1.34 0.00	29.96 1.40 0.00	32.64 1.52 0.00	31.18 1.54 0.00	28.42 1.21 0.17	27.72 1.15 0.10	27.38 0.98 0.06	27.67 0.81 0.11	27.34 0.80 0.22	28.01 0.90 0.31	29.62 1.13 0.41	38.01 1.41 0.47	43.09 1.64 0.62	50.54 2.36 0.03	47.98 2.50 0.00	45.97 2.44 0.00	41.52 2.16 0.00	36.34 1.80 0.00	31.93 1.52 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.13 0.62 0.00	26.40 0.52 0.00	24.33 0.43 0.00	22.61 0.40 0.00	22.38 0.40 0.00	24.69 0.41 0.00	28.96 0.40 0.00	31.49 0.37 0.00	30.06 0.41 0.00	27.74 0.27 -0.08	27.01 0.27 -0.07	26.69 0.21 -0.02	27.20 0.11 -0.12	27.15 0.11 -0.29	28.05 0.22 -0.41	29.83 0.38 -0.55	37.75 0.44 -0.23	43.13 0.34 -0.72	48.82 0.58 -0.03	46.25 0.77 0.00	44.23 0.70 0.00	39.91 0.55 0.00	34.96 0.41 0.00	30.87 0.46 0.00
ETNA____115KV_TB2 80207	30.13 0.62 0.00	26.40 0.52 0.00	24.33 0.43 0.00	22.61 0.40 0.00	22.38 0.40 0.00	24.69 0.41 0.00	28.96 0.40 0.00	31.49 0.37 0.00	30.06 0.41 0.00	27.74 0.27 -0.08	27.01 0.27 -0.07	26.69 0.21 -0.02	27.20 0.11 -0.12	27.15 0.11 -0.29	28.05 0.22 -0.41	29.83 0.38 -0.55	37.75 0.44 -0.23	43.13 0.34 -0.72	48.82 0.58 -0.03	46.25 0.77 0.00	44.23 0.70 0.00	39.91 0.55 0.00	34.96 0.41 0.00	30.87 0.46 0.00
EUCLID___115KV_TB2 356179	29.37 -0.15 0.00	25.73 -0.16 0.00	23.71 -0.19 0.00	22.03 -0.18 0.00	21.81 -0.18 0.00	24.06 -0.22 0.00	28.22 -0.34 0.00	30.65 -0.47 0.00	29.29 -0.36 0.00	27.03 -0.36 0.00	26.35 -0.32 0.00	26.11 -0.34 0.00	26.57 -0.40 0.00	26.35 -0.40 0.00	27.09 -0.33 0.00	28.62 -0.29 0.00	36.45 -0.63 0.00	41.23 -0.84 0.00	47.24 -0.96 0.00	44.71 -0.77 0.00	42.79 -0.74 0.00	38.61 -0.75 0.00	33.85 -0.69 0.00	29.87 -0.55 0.00
E_CANADA_CAP_HY 24051	31.43 1.92 0.00	27.49 1.61 0.00	25.35 1.46 0.00	23.54 1.33 0.00	23.28 1.30 0.00	25.79 1.51 0.00	30.13 1.57 0.00	32.70 1.59 0.00	31.07 1.42 0.00	28.10 1.01 0.31	27.41 0.93 0.20	27.04 0.69 0.10	27.27 0.54 0.24	26.79 0.53 0.50	27.44 0.74 0.72	28.85 0.90 0.95	37.35 1.11 0.83	42.20 1.47 1.35	50.51 2.36 0.06	48.21 2.73 0.00	46.32 2.79 0.00	41.84 2.48 0.00	36.58 2.04 0.00	32.14 1.73 0.01
E_CANADA_MHWK_HY 24050	29.34 -0.18 0.00	25.73 -0.15 0.00	23.78 -0.12 0.00	22.10 -0.11 0.00	21.90 -0.09 0.00	24.21 -0.07 0.00	28.47 -0.09 0.00	31.02 -0.09 0.00	29.55 -0.09 0.00	27.25 -0.14 0.00	26.54 -0.13 0.00	26.32 -0.13 0.00	26.76 -0.22 0.00	26.54 -0.21 0.00	27.25 -0.16 0.00	28.79 -0.12 0.00	36.89 -0.18 0.00	41.82 -0.25 0.00	48.02 -0.19 0.00	45.30 -0.18 0.00	43.32 -0.22 0.00	39.12 -0.23 0.00	34.26 -0.28 0.00	30.11 -0.30 0.00
E_FISHKILL___LBMP 23776	31.22 1.71 0.00	27.28 1.40 0.00	25.23 1.34 0.00	23.47 1.27 0.00	23.24 1.25 0.00	25.64 1.36 0.00	29.99 1.43 0.00	32.86 1.74 0.00	31.42 1.78 0.00	30.84 1.59 -1.86	29.73 1.55 -1.51	27.41 1.51 0.56	30.08 1.54 -1.57	33.14 1.61 -4.78	36.33 1.73 -7.19	40.96 1.79 -10.26	44.61 2.04 -5.50	58.86 2.23 -14.56	51.53 2.65 -0.67	47.71 2.23 0.00	45.54 2.00 0.00	41.21 1.85 0.00	36.03 1.49 0.00	31.61 1.19 -0.01
FALCON___SEABRD_CC1 323796	29.54 0.03 0.00	26.09 0.21 0.00	24.06 0.17 0.00	22.41 0.20 0.00	22.16 0.18 0.00	24.43 0.15 0.00	28.59 0.03 0.00	31.27 0.16 0.00	29.67 0.03 0.00	27.47 0.08 0.00	26.67 0.00 0.00	26.46 0.00 0.00	27.11 0.14 0.00	26.86 0.11 0.00	27.42 0.00 0.00	28.88 -0.03 0.00	37.30 0.22 0.00	42.49 0.42 0.00	48.26 0.05 0.00	45.43 -0.05 0.00	43.84 0.31 0.00	40.26 0.91 0.00	35.47 0.93 0.00	31.17 0.76 0.00
FALCON___SEABRD_CC2 323797	29.54 0.03 0.00	26.09 0.21 0.00	24.06 0.17 0.00	22.41 0.20 0.00	22.16 0.18 0.00	24.43 0.15 0.00	28.59 0.03 0.00	31.27 0.16 0.00	29.67 0.03 0.00	27.47 0.08 0.00	26.67 0.00 0.00	26.46 0.00 0.00	27.11 0.14 0.00	26.86 0.11 0.00	27.42 0.00 0.00	28.88 -0.03 0.00	37.30 0.22 0.00	42.49 0.42 0.00	48.26 0.05 0.00	45.43 -0.05 0.00	43.84 0.31 0.00	40.26 0.91 0.00	35.47 0.93 0.00	31.17 0.76 0.00

FAR ROCKAWAY___4 23548	48.45 2.86 -16.08	32.93 2.38 -4.66	26.18 2.27 -0.02	24.35 2.13 -0.02	24.11 2.11 -0.01	26.60 2.31 -0.02	31.12 2.54 -0.02	34.77 2.96 -0.70	32.62 2.96 -0.02	32.76 2.68 -2.69	38.18 2.59 -8.92	46.32 2.57 -17.29	46.76 2.62 -17.17	45.14 2.70 -15.68	46.65 2.85 -16.38	45.44 2.95 -13.59	52.56 3.49 -12.00	64.41 3.95 -18.38	53.70 4.63 -0.86	49.68 4.18 -0.01	47.38 3.83 -0.01	42.72 3.35 -0.01	37.93 2.76 -0.63	35.01 2.37 -2.22
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.90 2.39 0.00	27.83 1.94 0.00	25.71 1.82 0.00	23.92 1.71 0.00	23.68 1.69 0.00	26.10 1.82 0.00	30.59 2.03 0.00	33.61 2.49 0.00	32.19 2.55 0.00	32.00 2.36 -2.26	30.84 2.27 -1.90	36.50 2.25 -7.79	37.00 2.27 -7.76	39.80 2.35 -10.69	43.24 2.49 -13.33	44.50 2.57 -13.02	46.71 2.97 -6.67	63.77 3.28 -18.41	52.87 3.81 -0.85	48.71 3.23 0.00	46.41 2.87 0.00	42.07 2.72 0.00	36.75 2.21 0.00	32.25 1.82 -0.01
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.93 2.42 0.00	27.83 1.94 0.00	25.71 1.82 0.00	23.92 1.71 0.00	23.68 1.69 0.00	26.13 1.85 0.00	30.59 2.03 0.00	33.61 2.49 0.00	32.19 2.55 0.00	32.00 2.36 -2.26	30.84 2.27 -1.90	36.50 2.25 -7.79	37.00 2.27 -7.76	39.80 2.35 -10.69	43.24 2.49 -13.33	44.50 2.57 -13.02	46.71 2.97 -6.67	63.77 3.28 -18.41	52.87 3.81 -0.85	48.71 3.23 0.00	46.41 2.87 0.00	42.07 2.72 0.00	36.75 2.21 0.00	32.25 1.82 -0.01
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.90 2.39 0.00	27.80 1.92 0.00	25.71 1.82 0.00	23.89 1.69 0.00	23.68 1.69 0.00	26.10 1.82 0.00	30.56 2.00 0.00	33.58 2.46 0.00	32.16 2.52 0.00	31.97 2.33 -2.26	30.84 2.27 -1.90	36.47 2.22 -7.79	36.97 2.24 -7.76	39.77 2.33 -10.69	43.21 2.47 -13.33	44.47 2.54 -13.02	46.67 2.93 -6.67	63.72 3.24 -18.41	52.82 3.76 -0.85	48.66 3.18 0.00	46.36 2.83 0.00	42.03 2.68 0.00	36.72 2.18 0.00	32.22 1.79 -0.01
FARRAGUT___LBMP 323566	31.87 2.36 0.00	27.78 1.89 0.00	25.69 1.79 0.00	23.87 1.67 0.00	23.66 1.67 0.00	26.08 1.80 0.00	30.53 1.97 0.00	33.54 2.43 0.00	32.13 2.49 0.00	31.95 2.30 -2.26	30.81 2.24 -1.90	36.45 2.20 -7.79	36.94 2.21 -7.76	39.74 2.30 -10.69	43.19 2.44 -13.33	44.44 2.51 -13.02	46.64 2.89 -6.67	63.68 3.20 -18.41	52.77 3.71 -0.85	48.62 3.14 0.00	46.32 2.79 0.00	41.99 2.64 0.00	36.68 2.14 0.00	32.19 1.76 -0.01
FENNER___WINDPWR 24204	30.13 0.62 0.00	26.46 0.57 0.00	24.37 0.48 0.00	22.63 0.42 0.00	22.42 0.44 0.00	24.77 0.49 0.00	29.07 0.51 0.00	31.61 0.50 0.00	30.15 0.50 0.00	27.79 0.36 -0.04	27.11 0.40 -0.04	26.81 0.34 -0.01	27.26 0.21 -0.07	27.12 0.21 -0.16	27.92 0.27 -0.22	29.67 0.46 -0.30	37.63 0.56 0.00	42.58 0.51 0.00	49.03 0.82 0.00	46.34 0.86 0.00	44.36 0.83 0.00	40.07 0.71 0.00	35.13 0.59 0.00	30.93 0.52 0.00
FIBERTEK___ENERGY 23856	29.48 -0.03 0.00	25.84 -0.05 0.00	23.80 -0.10 0.00	22.12 -0.09 0.00	21.90 -0.09 0.00	24.16 -0.12 0.00	28.36 -0.20 0.00	30.77 -0.34 0.00	29.41 -0.24 0.00	27.14 -0.25 0.00	26.43 -0.24 0.00	26.19 -0.26 0.00	26.65 -0.32 0.00	26.43 -0.32 0.00	27.17 -0.25 0.00	28.73 -0.17 0.00	36.70 -0.37 0.00	41.53 -0.55 0.00	47.58 -0.63 0.00	45.02 -0.45 0.00	43.10 -0.44 0.00	38.88 -0.47 0.00	34.09 -0.45 0.00	30.08 -0.33 0.00
FITZPATRICK___ 23598	28.80 -0.71 0.00	25.27 -0.62 0.00	23.30 -0.60 0.00	21.65 -0.55 0.00	21.41 -0.57 0.00	23.65 -0.63 0.00	27.76 -0.80 0.00	30.06 -1.06 0.00	28.69 -0.95 0.00	26.51 -0.88 0.00	25.84 -0.83 0.00	25.61 -0.85 0.00	26.06 -0.92 0.00	25.87 -0.88 0.00	26.51 -0.90 0.00	28.01 -0.90 0.00	35.85 -1.22 0.00	40.56 -1.51 0.00	46.52 -1.69 0.00	43.98 -1.50 0.00	42.14 -1.39 0.00	38.02 -1.34 0.00	33.33 -1.21 0.00	29.41 -1.00 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.58 2.07 0.00	27.57 1.68 0.00	25.45 1.55 0.00	23.67 1.47 0.00	23.44 1.45 0.00	25.91 1.63 0.00	30.30 1.74 0.00	33.17 2.05 0.00	31.72 2.07 0.00	30.58 1.81 -1.38	29.47 1.71 -1.09	28.37 1.69 -0.22	30.17 1.70 -1.50	32.18 1.79 -3.63	34.62 1.92 -5.28	38.04 1.99 -7.13	43.57 2.45 -4.05	54.96 2.78 -10.11	51.95 3.28 -0.47	48.30 2.82 0.00	46.10 2.57 0.00	41.68 2.32 0.00	36.44 1.90 0.00	31.98 1.55 -0.01
FORT ORANGE___ 23900	30.16 0.65 0.00	26.43 0.54 0.00	24.45 0.55 0.00	22.72 0.51 0.00	22.47 0.48 0.00	24.81 0.53 0.00	28.96 0.40 0.00	31.61 0.50 0.00	30.03 0.38 0.00	27.29 0.36 0.46	26.72 0.35 0.29	26.44 0.32 0.34	26.84 0.35 0.49	26.35 0.43 0.84	26.87 0.60 1.15	28.11 0.61 1.40	36.38 0.52 1.22	40.61 0.51 1.97	48.79 0.67 0.09	46.03 0.55 0.00	44.06 0.52 0.00	39.83 0.47 0.00	34.89 0.35 0.00	30.65 0.24 0.01
FORT_DRUM_COGEN 23780	29.75 0.24 0.00	26.30 0.41 0.00	24.23 0.33 0.00	22.41 0.20 0.00	22.32 0.33 0.00	24.62 0.34 0.00	28.84 0.29 0.00	31.37 0.25 0.00	29.67 0.03 0.00	27.22 -0.16 0.00	26.51 -0.16 0.00	26.27 -0.19 0.00	26.54 -0.43 0.00	26.19 -0.56 0.00	26.95 -0.47 0.00	28.68 -0.23 0.00	36.85 -0.47 0.00	41.82 -0.25 0.00	48.50 0.29 0.00	46.02 0.55 0.00	44.32 0.78 0.00	40.18 0.83 0.00	35.30 0.76 0.00	30.93 0.52 0.00
FOX_HILLS___ESR 323835	32.15 2.63 -0.01	28.04 2.15 -0.01	25.86 1.96 -0.01	24.06 1.84 -0.01	23.82 1.82 -0.01	26.22 1.94 0.00	30.59 2.03 0.00	33.58 2.46 0.00	32.13 2.49 0.00	32.03 2.38 -2.26	30.90 2.32 -1.90	36.53 2.12 -7.96	36.98 2.13 -7.87	39.78 2.25 -10.78	43.13 2.39 -13.33	44.38 2.46 -13.01	46.52 2.78 -6.66	63.63 3.16 -18.40	52.63 3.57 -0.85	48.48 3.00 0.00	46.15 2.61 0.00	41.99 2.64 0.00	36.96 2.42 0.00	32.53 2.10 -0.02
FPL_FAR_ROCK_GT1 24212	48.45 2.86 -16.08	32.93 2.38 -4.66	26.19 2.27 -0.02	24.36 2.13 -0.02	24.11 2.11 -0.01	26.58 2.28 -0.02	31.06 2.48 -0.02	34.77 2.96 -0.70	32.63 2.96 -0.02	32.77 2.69 -2.69	38.18 2.59 -8.92	46.26 2.51 -17.29	46.71 2.56 -17.17	45.06 2.62 -15.68	46.65 2.85 -16.38	45.44 2.95 -13.59	52.56 3.48 -12.00	64.36 3.95 -18.33	53.65 4.58 -0.86	49.67 4.18 -0.01	47.33 3.79 -0.01	42.71 3.34 -0.01	37.93 2.76 -0.63	35.01 2.37 -2.22
FPL_FAR_ROCK_GT2 23815	48.45 2.86 -16.08	32.93 2.38 -4.66	26.19 2.27 -0.02	24.36 2.13 -0.02	24.11 2.11 -0.01	26.58 2.28 -0.02	31.06 2.48 -0.02	34.77 2.96 -0.70	32.63 2.96 -0.02	32.77 2.69 -2.69	38.18 2.59 -8.92	46.26 2.51 -17.29	46.71 2.56 -17.17	45.06 2.62 -15.68	46.65 2.85 -16.38	45.44 2.95 -13.59	52.56 3.48 -12.00	64.36 3.95 -18.33	53.65 4.58 -0.86	49.67 4.18 -0.01	47.33 3.79 -0.01	42.71 3.34 -0.01	37.93 2.76 -0.63	35.01 2.37 -2.22
FRANKLIN_FALL_HYD 24054	29.66 0.15 0.00	26.25 0.36 0.00	24.18 0.29 0.00	22.52 0.31 0.00	22.27 0.29 0.00	24.50 0.22 0.00	28.93 0.37 0.00	31.61 0.50 0.00	30.03 0.39 0.00	27.77 0.38 0.00	26.97 0.29 0.00	26.80 0.34 0.00	27.43 0.46 0.00	27.21 0.45 0.00	27.75 0.33 0.00	29.25 0.35 0.00	37.82 0.74 0.00	43.04 0.97 0.00	49.17 0.96 0.00	46.30 0.82 0.00	44.27 0.74 0.00	40.30 0.94 0.00	35.54 1.00 0.00	31.17 0.76 0.00



FREEPORT_EQUS_GT1 23764	45.48 2.63 -13.34	31.95 2.20 -3.87	26.01 2.10 -0.01	24.20 1.98 -0.01	23.98 1.98 -0.01	26.41 2.11 -0.01	30.86 2.29 -0.01	34.47 2.77 -0.58	32.41 2.76 -0.01	32.47 2.47 -2.61	36.74 2.35 -7.72	42.12 2.30 -13.37	43.32 2.35 -14.00	42.71 2.38 -13.57	44.73 2.61 -14.71	45.07 2.69 -13.47	51.28 3.11 -11.09	63.94 3.53 -18.33	53.12 4.05 -0.86	49.17 3.68 -0.01	46.90 3.35 -0.01	42.32 2.95 -0.01	37.58 2.52 -0.52	34.42 2.16 -1.84
FREEPORT___CT2 23818	45.48 2.63 -13.34	31.95 2.20 -3.87	26.01 2.10 -0.01	24.20 1.98 -0.01	23.98 1.98 -0.01	26.41 2.11 -0.01	30.86 2.29 -0.01	34.47 2.77 -0.58	32.41 2.76 -0.01	32.47 2.47 -2.61	36.74 2.35 -7.72	42.12 2.30 -13.37	43.32 2.35 -14.00	42.71 2.38 -13.57	44.73 2.61 -14.71	45.07 2.69 -13.47	51.28 3.11 -11.09	63.94 3.53 -18.33	53.12 4.05 -0.86	49.17 3.68 -0.01	46.90 3.35 -0.01	42.32 2.95 -0.01	37.58 2.52 -0.52	34.42 2.16 -1.84
FRESHKLS_33_KV_LOAD 356253	32.21 2.69 -0.01	28.10 2.20 -0.01	25.91 2.01 -0.01	24.10 1.89 -0.01	23.88 1.89 -0.01	26.27 1.99 0.00	30.62 2.06 0.00	33.61 2.49 0.00	32.16 2.52 0.00	32.03 2.38 -2.26	30.92 2.35 -1.90	36.48 2.06 -7.96	36.95 2.10 -7.87	39.75 2.22 -10.78	43.11 2.36 -13.33	44.31 2.40 -13.00	46.48 2.74 -6.66	63.58 3.11 -18.39	52.57 3.52 -0.84	48.43 2.96 0.01	46.09 2.57 0.01	41.99 2.64 0.00	37.03 2.49 0.00	32.63 2.19 -0.02
FULTON COGEN____ 23766	29.01 -0.50 0.00	25.42 -0.47 0.00	23.44 -0.45 0.00	21.78 -0.42 0.00	21.55 -0.44 0.00	23.79 -0.49 0.00	27.90 -0.66 0.00	30.28 -0.84 0.00	28.90 -0.74 0.00	26.68 -0.71 0.00	26.01 -0.67 0.00	25.77 -0.69 0.00	26.22 -0.76 0.00	26.01 -0.75 0.00	26.70 -0.71 0.00	28.21 -0.69 0.00	36.07 -1.00 0.00	40.81 -1.26 0.00	46.81 -1.40 0.00	44.30 -1.18 0.00	42.40 -1.13 0.00	38.25 -1.10 0.00	33.54 -1.00 0.00	29.59 -0.82 0.00
FULTON___LFGE 323630	31.49 1.98 0.00	27.55 1.66 0.00	25.40 1.51 0.00	23.58 1.38 0.00	23.33 1.34 0.00	25.84 1.56 0.00	30.19 1.63 0.00	32.77 1.65 0.00	31.15 1.51 0.00	28.12 1.10 0.36	27.42 0.99 0.24	27.10 0.77 0.12	27.35 0.67 0.30	26.81 0.67 0.61	27.44 0.90 0.88	28.78 1.04 1.17	37.34 1.26 1.00	42.06 1.64 1.65	50.59 2.46 0.08	48.25 2.77 0.00	46.36 2.83 0.00	41.88 2.52 0.00	36.61 2.07 0.00	32.14 1.73 0.01
G.F.CEMENT___DRP 24184	31.34 1.83 0.00	27.49 1.60 0.00	25.38 1.48 0.00	23.56 1.35 0.00	23.28 1.30 0.00	25.59 1.31 0.00	29.99 1.43 0.00	32.58 1.46 0.00	30.95 1.30 0.00	27.85 0.99 0.52	27.22 0.88 0.33	26.95 0.85 0.35	27.24 0.78 0.52	26.68 0.83 0.91	27.26 1.10 1.26	28.60 1.24 1.55	37.04 1.41 1.44	41.60 1.73 2.20	50.37 2.27 0.10	47.71 2.23 0.00	45.75 2.22 0.00	41.32 1.97 0.00	36.17 1.62 0.00	31.98 1.58 0.01
GARDENVILLE___LBMP 24039	29.13 -0.38 0.00	25.47 -0.41 0.00	23.44 -0.45 0.00	21.83 -0.38 0.00	21.55 -0.44 0.00	23.77 -0.51 0.00	27.33 -1.23 0.00	29.65 -1.46 0.00	28.87 -0.77 0.00	26.76 -0.68 -0.06	26.30 -0.43 -0.05	26.00 -0.48 -0.02	26.33 -0.73 -0.08	26.23 -0.72 -0.20	26.88 -0.82 -0.29	28.56 -0.72 -0.38	35.98 -1.26 -0.17	40.55 -2.06 -0.54	45.87 -2.36 -0.02	43.80 -1.68 0.00	42.01 -1.52 0.00	37.74 -1.61 0.00	32.99 -1.55 0.00	29.84 -0.58 0.00
GARDNVLA_35_KV_LD 355827	29.25 -0.27 0.00	25.55 -0.34 0.00	23.51 -0.38 0.00	21.90 -0.31 0.00	21.61 -0.37 0.00	23.84 -0.44 0.00	27.42 -1.14 0.00	29.78 -1.34 0.00	29.02 -0.62 0.00	26.92 -0.52 -0.05	26.45 -0.27 -0.05	26.16 -0.32 -0.02	26.52 -0.54 -0.08	26.39 -0.56 -0.19	27.04 -0.66 -0.28	28.75 -0.52 -0.37	36.20 -1.04 -0.16	40.78 -1.81 -0.52	46.16 -2.07 -0.02	44.02 -1.46 0.00	42.18 -1.35 0.00	37.90 -1.46 0.00	33.16 -1.38 0.00	29.99 -0.43 0.00
GELCKHM___115KV_LOAD 80723	29.39 -0.12 0.00	25.76 -0.13 0.00	23.73 -0.17 0.00	22.05 -0.16 0.00	21.83 -0.15 0.00	24.09 -0.19 0.00	28.27 -0.29 0.00	30.68 -0.44 0.00	29.32 -0.33 0.00	27.06 -0.33 0.00	26.38 -0.29 0.00	26.14 -0.32 0.00	26.60 -0.38 0.00	26.38 -0.37 0.00	27.12 -0.30 0.00	28.65 -0.26 0.00	36.56 -0.52 0.00	41.32 -0.76 0.00	47.39 -0.82 0.00	44.80 -0.68 0.00	42.88 -0.65 0.00	38.69 -0.67 0.00	33.92 -0.62 0.00	29.93 -0.49 0.00
GENERAL___MILLS 23808	29.19 -0.32 0.00	25.52 -0.36 0.00	23.49 -0.41 0.00	21.85 -0.36 0.00	21.59 -0.40 0.00	23.79 -0.49 0.00	27.36 -1.20 0.00	29.72 -1.40 0.00	28.96 -0.68 0.00	26.87 -0.58 -0.05	26.40 -0.32 -0.05	26.10 -0.37 -0.02	26.44 -0.62 -0.08	26.33 -0.62 -0.19	26.98 -0.71 -0.28	28.67 -0.61 -0.36	36.09 -1.15 -0.16	40.66 -1.94 -0.52	46.01 -2.22 -0.02	43.93 -1.55 0.00	42.10 -1.44 0.00	37.82 -1.53 0.00	33.09 -1.45 0.00	29.93 -0.49 0.00
GE_PLASTICS___DRP 24183	30.13 0.62 0.00	26.43 0.54 0.00	24.45 0.55 0.00	22.69 0.49 0.00	22.47 0.48 0.00	24.79 0.51 0.00	29.04 0.49 0.00	31.65 0.53 0.00	30.12 0.47 0.00	27.43 0.44 0.40	26.85 0.45 0.27	26.57 0.42 0.31	26.92 0.43 0.49	26.37 0.48 0.87	26.82 0.60 1.20	28.02 0.58 1.47	36.44 0.48 1.12	40.44 0.46 2.09	48.74 0.63 0.10	45.98 0.50 0.00	43.97 0.44 0.00	39.75 0.39 0.00	34.85 0.31 0.00	30.62 0.21 0.01
GILBOA___1 23756	30.34 0.83 0.00	26.59 0.70 0.00	24.56 0.67 0.00	22.83 0.62 0.00	22.60 0.61 0.00	24.94 0.66 0.00	29.19 0.63 0.00	31.86 0.75 0.00	30.44 0.80 0.00	27.95 0.68 0.12	27.23 0.67 0.11	27.05 0.63 0.04	27.41 0.62 0.19	26.98 0.67 0.44	27.54 0.77 0.64	28.87 0.81 0.85	37.51 0.81 0.38	41.57 0.71 1.21	49.02 0.87 0.06	46.25 0.77 0.00	44.19 0.65 0.00	40.07 0.71 0.00	35.06 0.52 0.00	30.84 0.43 0.00
GILBOA___2 23757	30.34 0.83 0.00	26.59 0.70 0.00	24.56 0.67 0.00	22.83 0.62 0.00	22.60 0.61 0.00	24.94 0.66 0.00	29.19 0.63 0.00	31.86 0.75 0.00	30.44 0.80 0.00	27.95 0.68 0.12	27.23 0.67 0.11	27.05 0.63 0.04	27.41 0.62 0.19	26.98 0.67 0.44	27.54 0.77 0.64	28.87 0.81 0.85	37.51 0.81 0.38	41.57 0.71 1.21	49.02 0.87 0.06	46.25 0.77 0.00	44.19 0.65 0.00	40.07 0.71 0.00	35.06 0.52 0.00	30.84 0.43 0.00
GILBOA___3 23758	30.34 0.83 0.00	26.59 0.70 0.00	24.56 0.67 0.00	22.83 0.62 0.00	22.60 0.61 0.00	24.94 0.66 0.00	29.19 0.63 0.00	31.86 0.75 0.00	30.44 0.80 0.00	27.95 0.68 0.12	27.23 0.67 0.11	27.05 0.63 0.04	27.41 0.62 0.19	26.98 0.67 0.44	27.54 0.77 0.64	28.87 0.81 0.85	37.51 0.81 0.38	41.57 0.71 1.21	49.02 0.87 0.06	46.25 0.77 0.00	44.19 0.65 0.00	40.07 0.71 0.00	35.06 0.52 0.00	30.84 0.43 0.00
GILBOA___4 23759	30.34 0.83 0.00	26.59 0.70 0.00	24.56 0.67 0.00	22.83 0.62 0.00	22.60 0.61 0.00	24.94 0.66 0.00	29.19 0.63 0.00	31.86 0.75 0.00	30.44 0.80 0.00	27.95 0.68 0.12	27.23 0.67 0.11	27.05 0.63 0.04	27.41 0.62 0.19	26.98 0.67 0.44	27.54 0.77 0.64	28.87 0.81 0.85	37.51 0.81 0.38	41.57 0.71 1.21	49.02 0.87 0.06	46.25 0.77 0.00	44.19 0.65 0.00	40.07 0.71 0.00	35.06 0.52 0.00	30.84 0.43 0.00

GILBOA____ 23599	30.34 0.83 0.00	26.59 0.70 0.00	24.57 0.67 0.00	22.83 0.62 0.00	22.60 0.62 0.00	24.94 0.66 0.00	29.22 0.66 0.00	31.86 0.75 0.00	30.44 0.80 0.00	27.95 0.68 0.12	27.23 0.67 0.11	27.05 0.63 0.04	27.41 0.62 0.19	26.98 0.67 0.44	27.55 0.77 0.64	28.84 0.78 0.85	37.51 0.82 0.38	41.57 0.72 1.21	49.07 0.92 0.06	46.25 0.77 0.00	44.19 0.65 0.00	40.07 0.71 0.00	35.09 0.55 0.00	30.84 0.43 0.00
GINNA____ 23603	27.86 -1.65 0.00	24.49 -1.40 0.00	22.49 -1.41 0.00	20.87 -1.33 0.00	20.62 -1.36 0.00	22.73 -1.55 0.00	26.65 -1.91 0.00	28.91 -2.21 0.00	27.89 -1.75 0.00	25.69 -1.70 0.00	25.15 -1.52 0.00	24.98 -1.48 0.00	25.22 -1.75 0.00	25.04 -1.71 0.00	25.64 -1.78 0.00	27.14 -1.76 0.00	34.70 -2.37 0.00	39.09 -2.99 0.00	44.93 -3.28 0.00	42.61 -2.86 0.00	40.84 -2.70 0.00	36.76 -2.60 0.00	32.23 -2.31 0.00	28.68 -1.73 0.00
GLEN PARK____ 23778	29.87 0.36 0.00	26.40 0.52 0.00	24.33 0.43 0.00	22.47 0.27 0.00	22.38 0.40 0.00	24.69 0.41 0.00	28.93 0.37 0.00	31.43 0.31 0.00	29.73 0.09 0.00	27.25 -0.14 0.00	26.54 -0.13 0.00	26.30 -0.16 0.00	26.54 -0.43 0.00	26.19 -0.56 0.00	26.92 -0.49 0.00	28.68 -0.23 0.00	36.89 -0.18 0.00	41.91 -0.17 0.00	48.64 0.43 0.00	46.20 0.73 0.00	44.49 0.96 0.00	40.34 0.98 0.00	35.44 0.90 0.00	31.02 0.61 0.00
GLENDALE_27_KV_LOAD 356172	32.15 2.63 -0.01	28.02 2.12 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.84 1.85 -0.01	26.27 1.99 0.00	30.70 2.14 0.00	33.76 2.64 0.00	32.34 2.70 0.00	32.19 2.55 -2.26	31.03 2.45 -1.90	37.18 2.35 -8.37	37.50 2.37 -8.15	40.21 2.46 -11.00	43.66 2.63 -13.61	44.64 2.72 -13.01	46.85 3.11 -6.66	63.92 3.45 -18.40	53.01 3.95 -0.85	48.84 3.37 0.00	46.54 3.00 0.00	42.19 2.83 0.00	36.96 2.42 0.00	32.50 2.07 -0.01
GLENWOOD_IC_1_G5 23712	49.18 2.48 -17.19	32.92 2.05 -4.98	25.85 1.94 -0.02	24.04 1.82 -0.02	23.83 1.82 -0.02	26.26 1.97 -0.02	30.75 2.17 -0.02	34.45 2.58 -0.75	32.27 2.61 -0.02	32.50 2.38 -2.72	38.38 2.29 -9.42	47.52 2.17 -18.90	47.57 2.13 -18.46	45.52 2.22 -16.54	46.84 2.36 -17.06	44.94 2.40 -13.64	52.23 2.78 -12.37	63.57 3.11 -18.38	52.69 3.62 -0.86	48.63 3.14 -0.02	46.38 2.83 -0.02	42.17 2.79 -0.02	37.56 2.35 -0.67	34.76 1.98 -2.37
GLENWOOD_IC_2_G1 23688	32.55 2.30 -0.74	27.99 1.89 -0.21	25.69 1.79 0.00	23.89 1.69 0.00	23.66 1.67 0.00	26.08 1.80 0.00	30.50 1.94 0.00	33.55 2.40 -0.03	32.07 2.43 0.00	31.83 2.19 -2.25	30.93 2.11 -2.15	23.80 2.09 4.74	28.45 2.11 0.63	32.76 2.17 -3.84	36.75 2.33 -7.00	44.25 2.40 -12.94	46.76 2.78 -6.90	63.46 3.07 -18.32	52.62 3.57 -0.85	48.61 3.14 0.00	46.32 2.79 0.00	41.95 2.60 0.00	36.68 2.11 -0.03	32.32 1.79 -0.11
GLENWOOD_IC_3_G1 23689	32.55 2.30 -0.74	27.99 1.89 -0.21	25.69 1.79 0.00	23.89 1.69 0.00	23.66 1.67 0.00	26.08 1.80 0.00	30.50 1.94 0.00	33.55 2.40 -0.03	32.07 2.43 0.00	31.83 2.19 -2.25	30.93 2.11 -2.15	23.80 2.09 4.74	28.45 2.11 0.63	32.76 2.17 -3.84	36.75 2.33 -7.00	44.25 2.40 -12.94	46.76 2.78 -6.90	63.46 3.07 -18.32	52.62 3.57 -0.85	48.61 3.14 0.00	46.32 2.79 0.00	41.95 2.60 0.00	36.68 2.11 -0.03	32.32 1.79 -0.11
GLENWOOD____4 23550	49.18 2.48 -17.19	32.92 2.05 -4.98	25.85 1.94 -0.02	24.04 1.82 -0.02	23.83 1.82 -0.02	26.26 1.97 -0.02	30.75 2.17 -0.02	34.45 2.58 -0.75	32.27 2.61 -0.02	32.50 2.38 -2.72	38.38 2.29 -9.42	47.57 2.22 -18.90	47.65 2.21 -18.46	45.57 2.27 -16.54	46.89 2.41 -17.06	45.03 2.49 -13.64	52.34 2.89 -12.37	63.65 3.20 -18.38	52.78 3.71 -0.86	48.77 3.27 -0.02	46.47 2.92 -0.02	42.17 2.79 -0.02	37.56 2.35 -0.67	34.76 1.98 -2.37
GLENWOOD____5 23614	49.18 2.48 -17.19	32.92 2.05 -4.98	25.85 1.94 -0.02	24.04 1.82 -0.02	23.83 1.82 -0.02	26.26 1.97 -0.02	30.75 2.17 -0.02	34.45 2.58 -0.75	32.27 2.61 -0.02	32.50 2.38 -2.72	38.38 2.29 -9.42	47.57 2.22 -18.90	47.65 2.21 -18.46	45.57 2.27 -16.54	46.89 2.41 -17.06	45.03 2.49 -13.64	52.34 2.89 -12.37	63.65 3.20 -18.38	52.78 3.71 -0.86	48.77 3.27 -0.02	46.47 2.92 -0.02	42.17 2.79 -0.02	37.56 2.35 -0.67	34.76 1.98 -2.37
GLOBAL GREEN_PORT_GT1 23814	42.87 3.42 -9.93	31.56 2.80 -2.88	26.65 2.75 -0.01	24.86 2.64 -0.01	24.70 2.70 -0.01	27.25 2.96 -0.01	31.74 3.17 -0.01	35.47 3.92 -0.43	33.90 4.18 -0.08	33.76 3.78 -2.59	36.35 3.47 -6.21	38.36 3.44 -8.46	40.63 3.62 -10.04	41.37 3.61 -11.01	43.79 3.76 -12.62	46.15 3.85 -13.40	61.70 4.37 -20.25	65.36 4.96 -18.32	54.51 5.45 -0.86	50.26 4.77 -0.01	47.99 4.44 -0.01	42.95 3.58 -0.01	37.80 2.87 -0.39	34.35 2.56 -1.38
GLOBE____DSASP 323697	28.07 -1.45 0.00	24.54 -1.35 0.00	22.63 -1.27 0.00	21.03 -1.18 0.00	20.78 -1.21 0.00	22.90 -1.38 0.00	26.30 -2.26 0.00	28.50 -2.61 0.00	27.86 -1.78 0.00	25.79 -1.64 -0.05	25.38 -1.33 -0.04	25.10 -1.38 -0.01	25.43 -1.62 -0.07	25.30 -1.63 -0.17	25.86 -1.81 -0.25	27.45 -1.79 -0.33	34.44 -2.78 -0.15	38.89 -3.66 -0.48	43.94 -4.29 -0.02	42.02 -3.46 0.00	40.36 -3.18 0.00	36.25 -3.11 0.00	31.71 -2.83 0.00	28.83 -1.58 0.00
GOETHSLN____LBMP 323567	31.73 2.21 0.00	27.65 1.76 0.00	25.55 1.65 0.00	23.76 1.55 0.00	23.57 1.58 0.00	25.96 1.68 0.00	30.39 1.83 0.00	33.42 2.30 0.00	32.01 2.37 0.00	31.84 2.19 -2.26	30.68 2.11 -1.90	36.39 2.14 -7.79	36.89 2.16 -7.76	39.69 2.25 -10.69	43.10 2.36 -13.33	44.32 2.40 -13.02	46.49 2.74 -6.67	63.51 3.03 -18.41	52.58 3.52 -0.85	48.43 2.96 0.00	46.15 2.61 0.00	41.84 2.48 0.00	36.55 2.00 0.00	32.07 1.64 -0.01
GOLAH____69_KV_TB 1_2 80279	29.37 -0.15 0.00	25.76 -0.13 0.00	23.68 -0.22 0.00	21.96 -0.24 0.00	21.72 -0.26 0.00	23.94 -0.34 0.00	27.73 -0.83 0.00	30.21 -0.90 0.00	29.20 -0.44 0.00	26.87 -0.52 0.00	26.33 -0.35 0.00	26.06 -0.40 0.00	26.33 -0.65 0.00	26.14 -0.62 0.00	26.76 -0.66 0.00	28.39 -0.52 0.00	36.15 -0.93 0.00	40.64 -1.43 0.00	46.62 -1.59 0.00	44.48 -1.00 0.00	42.66 -0.87 0.00	38.33 -1.02 0.00	33.51 -1.04 0.00	30.08 -0.33 0.00
GOODYEAR_LAKE_HYD 323669	30.81 1.30 0.00	26.97 1.09 0.00	24.88 0.98 0.00	23.09 0.89 0.00	22.91 0.92 0.00	25.32 1.04 0.00	29.64 1.09 0.00	32.36 1.24 0.00	31.01 1.36 0.00	28.63 1.15 -0.09	27.87 1.12 -0.08	27.51 1.03 -0.03	28.00 0.89 -0.13	27.95 0.88 -0.31	28.79 0.93 -0.45	30.63 1.13 -0.59	38.66 1.33 -0.25	44.28 1.43 -0.78	50.17 1.93 -0.04	47.34 1.86 0.00	45.28 1.74 0.00	40.93 1.57 0.00	35.82 1.28 0.00	31.51 1.09 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.93 0.41 0.00	26.20 0.31 0.00	24.16 0.26 0.00	22.45 0.24 0.00	22.23 0.24 0.00	24.52 0.24 0.00	28.67 0.11 0.00	31.24 0.12 0.00	29.91 0.27 0.00	27.69 0.19 -0.11	27.01 0.24 -0.10	26.68 0.19 -0.03	27.23 0.08 -0.17	27.24 0.08 -0.41	28.17 0.16 -0.59	30.00 0.32 -0.78	37.71 0.30 -0.33	43.22 0.08 -1.06	48.50 0.24 -0.05	45.84 0.36 0.00	43.80 0.26 0.00	39.51 0.16 0.00	34.61 0.07 0.00	30.66 0.24 0.00

GOUDEY___7 23579	29.93 0.41 0.00	26.20 0.31 0.00	24.16 0.26 0.00	22.45 0.24 0.00	22.23 0.24 0.00	24.52 0.24 0.00	28.67 0.11 0.00	31.24 0.12 0.00	29.91 0.27 0.00	27.69 0.19 -0.11	27.01 0.24 -0.10	26.68 0.19 -0.03	27.23 0.08 -0.17	27.24 0.08 -0.41	28.17 0.16 -0.59	30.00 0.32 -0.78	37.71 0.30 -0.33	43.22 0.08 -1.06	48.50 0.24 -0.05	45.84 0.36 0.00	43.80 0.26 0.00	39.51 0.16 0.00	34.61 0.07 0.00	30.66 0.24 0.00
GOUDEY___8 23580	29.93 0.41 0.00	26.20 0.31 0.00	24.16 0.26 0.00	22.45 0.24 0.00	22.23 0.24 0.00	24.52 0.24 0.00	28.67 0.11 0.00	31.24 0.12 0.00	29.91 0.27 0.00	27.69 0.19 -0.11	27.01 0.24 -0.10	26.68 0.19 -0.03	27.23 0.08 -0.17	27.24 0.08 -0.41	28.17 0.16 -0.59	30.00 0.32 -0.78	37.71 0.30 -0.33	43.22 0.08 -1.06	48.50 0.24 -0.05	45.84 0.36 0.00	43.80 0.26 0.00	39.51 0.16 0.00	34.61 0.07 0.00	30.66 0.24 0.00
GOWANUS_GT1_1 24077	32.18 2.66 -0.01	28.07 2.17 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.25 1.97 0.00	30.64 2.08 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.46 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.42 2.29 -8.15	40.13 2.38 -11.00	43.55 2.52 -13.61	44.52 2.60 -13.01	46.71 2.97 -6.66	63.80 3.32 -18.40	52.87 3.81 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.99 2.45 0.00	32.57 2.13 -0.02
GOWANUS_GT1_2 24078	32.18 2.66 -0.01	28.07 2.17 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.25 1.97 0.00	30.64 2.08 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.46 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.42 2.29 -8.15	40.13 2.38 -11.00	43.55 2.52 -13.61	44.52 2.60 -13.01	46.71 2.97 -6.66	63.80 3.32 -18.40	52.87 3.81 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.99 2.45 0.00	32.57 2.13 -0.02
GOWANUS_GT1_3 24079	32.18 2.66 -0.01	28.07 2.17 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.25 1.97 0.00	30.64 2.08 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.46 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.42 2.29 -8.15	40.13 2.38 -11.00	43.55 2.52 -13.61	44.52 2.60 -13.01	46.71 2.97 -6.66	63.80 3.32 -18.40	52.87 3.81 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.99 2.45 0.00	32.57 2.13 -0.02
GOWANUS_GT1_4 24080	32.18 2.66 -0.01	28.07 2.17 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.25 1.97 0.00	30.64 2.08 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.46 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.42 2.29 -8.15	40.13 2.38 -11.00	43.55 2.52 -13.61	44.52 2.60 -13.01	46.71 2.97 -6.66	63.80 3.32 -18.40	52.87 3.81 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.99 2.45 0.00	32.57 2.13 -0.02
GOWANUS_GT1_5 24084	32.18 2.66 -0.01	28.07 2.17 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.25 1.97 0.00	30.64 2.08 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.46 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.42 2.29 -8.15	40.13 2.38 -11.00	43.55 2.52 -13.61	44.52 2.60 -13.01	46.71 2.97 -6.66	63.80 3.32 -18.40	52.87 3.81 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.99 2.45 0.00	32.57 2.13 -0.02
GOWANUS_GT1_6 24111	32.18 2.66 -0.01	28.07 2.17 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.25 1.97 0.00	30.64 2.08 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.46 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.42 2.29 -8.15	40.13 2.38 -11.00	43.55 2.52 -13.61	44.52 2.60 -13.01	46.71 2.97 -6.66	63.80 3.32 -18.40	52.87 3.81 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.99 2.45 0.00	32.57 2.13 -0.02
GOWANUS_GT1_7 24112	32.18 2.66 -0.01	28.07 2.17 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.25 1.97 0.00	30.64 2.08 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.46 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.42 2.29 -8.15	40.13 2.38 -11.00	43.55 2.52 -13.61	44.52 2.60 -13.01	46.71 2.97 -6.66	63.80 3.32 -18.40	52.87 3.81 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.99 2.45 0.00	32.57 2.13 -0.02
GOWANUS_GT1_8 24113	32.18 2.66 -0.01	28.07 2.17 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.25 1.97 0.00	30.64 2.08 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.46 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.42 2.29 -8.15	40.13 2.38 -11.00	43.55 2.52 -13.61	44.52 2.60 -13.01	46.71 2.97 -6.66	63.80 3.32 -18.40	52.87 3.81 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.99 2.45 0.00	32.57 2.13 -0.02
GOWANUS_GT2_1 24114	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
GOWANUS_GT2_2 24115	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
GOWANUS_GT2_3 24116	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
GOWANUS_GT2_4 24117	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
GOWANUS_GT2_5 24118	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02

GOWANUS_GT2_6 24119	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
GOWANUS_GT2_7 24120	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
GOWANUS_GT2_8 24121	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
GOWANUS_GT3_1 24122	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
GOWANUS_GT3_2 24123	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
GOWANUS_GT3_3 24124	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
GOWANUS_GT3_4 24125	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
GOWANUS_GT3_5 24126	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
GOWANUS_GT3_6 24127	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
GOWANUS_GT3_7 24128	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
GOWANUS_GT3_8 24129	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
GOWANUS_GT4_1 24130	32.18 2.66 -0.01	28.07 2.17 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.25 1.97 0.00	30.64 2.08 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.46 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.42 2.29 -8.15	40.13 2.38 -11.00	43.55 2.52 -13.61	44.52 2.60 -13.01	46.71 2.97 -6.66	63.80 3.32 -18.40	52.87 3.81 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.99 2.45 0.00	32.57 2.13 -0.02
GOWANUS_GT4_2 24131	32.18 2.66 -0.01	28.07 2.17 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.25 1.97 0.00	30.64 2.08 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.46 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.42 2.29 -8.15	40.13 2.38 -11.00	43.55 2.52 -13.61	44.52 2.60 -13.01	46.71 2.97 -6.66	63.80 3.32 -18.40	52.87 3.81 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.99 2.45 0.00	32.57 2.13 -0.02
GOWANUS_GT4_3 24132	32.18 2.66 -0.01	28.07 2.17 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.25 1.97 0.00	30.64 2.08 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.46 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.42 2.29 -8.15	40.13 2.38 -11.00	43.55 2.52 -13.61	44.52 2.60 -13.01	46.71 2.97 -6.66	63.80 3.32 -18.40	52.87 3.81 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.99 2.45 0.00	32.57 2.13 -0.02
GOWANUS_GT4_4 24133	32.18 2.66 -0.01	28.07 2.17 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.25 1.97 0.00	30.64 2.08 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.46 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.42 2.29 -8.15	40.13 2.38 -11.00	43.55 2.52 -13.61	44.52 2.60 -13.01	46.71 2.97 -6.66	63.80 3.32 -18.40	52.87 3.81 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.99 2.45 0.00	32.57 2.13 -0.02

GOWANUS_GT4_5 24134	32.18 2.66 -0.01	28.07 2.17 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.25 1.97 0.00	30.64 2.08 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.46 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.42 2.29 -8.15	40.13 2.38 -11.00	43.55 2.52 -13.61	44.52 2.60 -13.01	46.71 2.97 -6.66	63.80 3.32 -18.40	52.87 3.81 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.99 2.45 0.00	32.57 2.13 -0.02
GOWANUS_GT4_6 24135	32.18 2.66 -0.01	28.07 2.17 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.25 1.97 0.00	30.64 2.08 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.46 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.42 2.29 -8.15	40.13 2.38 -11.00	43.55 2.52 -13.61	44.52 2.60 -13.01	46.71 2.97 -6.66	63.80 3.32 -18.40	52.87 3.81 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.99 2.45 0.00	32.57 2.13 -0.02
GOWANUS_GT4_7 24136	32.18 2.66 -0.01	28.07 2.17 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.25 1.97 0.00	30.64 2.08 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.46 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.42 2.29 -8.15	40.13 2.38 -11.00	43.55 2.52 -13.61	44.52 2.60 -13.01	46.71 2.97 -6.66	63.80 3.32 -18.40	52.87 3.81 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.99 2.45 0.00	32.57 2.13 -0.02
GOWANUS_GT4_8 24137	32.18 2.66 -0.01	28.07 2.17 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.25 1.97 0.00	30.64 2.08 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.46 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.42 2.29 -8.15	40.13 2.38 -11.00	43.55 2.52 -13.61	44.52 2.60 -13.01	46.71 2.97 -6.66	63.80 3.32 -18.40	52.87 3.81 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.99 2.45 0.00	32.57 2.13 -0.02
GREATVR_69_KV_BK1 356245	42.94 3.22 -10.21	31.51 2.67 -2.96	26.44 2.53 -0.01	24.61 2.40 -0.01	24.39 2.40 -0.01	26.86 2.57 -0.01	31.37 2.80 -0.01	34.92 3.36 -0.44	33.04 3.35 -0.05	32.91 2.96 -2.56	35.89 2.88 -6.33	38.18 2.86 -8.86	40.33 2.99 -10.36	41.00 3.05 -11.19	43.39 3.18 -12.79	45.62 3.32 -13.38	57.12 3.86 -16.19	64.82 4.38 -18.37	54.18 5.11 -0.86	50.17 4.68 -0.01	47.90 4.35 -0.01	43.07 3.70 -0.01	38.08 3.14 -0.40	34.47 2.65 -1.41
GREENBSH_115KV_TB3 55895	29.98 0.47 0.00	26.30 0.41 0.00	24.33 0.43 0.00	22.61 0.40 0.00	22.36 0.37 0.00	24.67 0.39 0.00	28.87 0.31 0.00	31.46 0.34 0.00	29.91 0.27 0.00	27.16 0.27 0.50	26.69 0.35 0.33	26.42 0.32 0.36	26.76 0.32 0.54	26.19 0.37 0.94	26.64 0.52 1.29	27.81 0.49 1.59	36.02 0.33 1.39	40.12 0.29 2.25	48.54 0.43 0.10	45.80 0.32 0.00	43.80 0.26 0.00	39.59 0.24 0.00	34.68 0.14 0.00	30.50 0.09 0.01
GREENDGE_115KV_TB5 80291	29.81 0.30 0.00	26.12 0.23 0.00	24.02 0.12 0.00	22.34 0.13 0.00	22.10 0.11 0.00	24.38 0.10 0.00	28.47 -0.09 0.00	30.99 -0.12 0.00	29.76 0.12 0.00	27.46 0.00 -0.07	26.79 0.05 -0.06	26.48 0.00 -0.02	26.91 -0.16 -0.10	26.81 -0.19 -0.24	27.65 -0.11 -0.35	29.45 0.09 -0.46	37.27 0.00 -0.20	42.03 -0.67 -0.63	47.71 -0.53 -0.03	45.34 -0.14 0.00	43.40 -0.13 0.00	39.36 0.00 0.00	34.47 -0.07 0.00	30.63 0.21 0.00
GREENIDGE___3 23582	29.81 0.30 0.00	26.12 0.23 0.00	24.02 0.12 0.00	22.34 0.13 0.00	22.10 0.11 0.00	24.38 0.10 0.00	28.47 -0.09 0.00	30.99 -0.12 0.00	29.76 0.12 0.00	27.46 0.00 -0.07	26.79 0.05 -0.06	26.48 0.00 -0.02	26.91 -0.16 -0.10	26.81 -0.19 -0.24	27.65 -0.11 -0.35	29.45 0.09 -0.46	37.27 0.00 -0.20	42.03 -0.67 -0.63	47.71 -0.53 -0.03	45.34 -0.14 0.00	43.40 -0.13 0.00	39.36 0.00 0.00	34.47 -0.07 0.00	30.63 0.21 0.00
GREENIDGE___4 23583	29.81 0.30 0.00	26.15 0.26 0.00	24.02 0.12 0.00	22.34 0.13 0.00	22.10 0.11 0.00	24.38 0.10 0.00	28.59 0.03 0.00	30.99 -0.12 0.00	29.76 0.12 0.00	27.46 0.00 -0.07	26.81 0.08 -0.06	26.50 0.03 -0.02	26.94 -0.13 -0.10	26.86 -0.13 -0.24	27.63 -0.14 -0.35	29.43 0.06 -0.46	37.27 0.00 -0.20	42.02 -0.67 -0.62	47.85 -0.39 -0.03	45.34 -0.14 0.00	43.40 -0.13 0.00	39.36 0.00 0.00	34.51 -0.03 0.00	30.63 0.21 0.00
GREENLWN_69_KV_BK 3 55738	42.03 2.36 -10.16	30.88 2.05 -2.95	25.87 1.96 -0.01	24.06 1.84 -0.01	23.84 1.85 -0.01	26.28 1.99 -0.01	30.74 2.17 -0.01	34.17 2.61 -0.44	32.10 2.46 0.01	32.20 2.30 -2.51	34.98 2.00 -6.31	37.26 2.01 -8.79	39.36 2.08 -10.30	40.16 2.30 -11.10	42.46 2.28 -12.76	44.60 2.37 -13.32	47.87 3.00 -7.79	63.39 2.95 -18.37	52.54 3.47 -0.86	48.58 3.09 -0.01	46.29 2.74 -0.01	41.73 2.36 -0.01	37.15 2.21 -0.40	33.77 1.95 -1.41
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.18 2.66 -0.01	28.07 2.17 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.25 1.97 0.00	30.64 2.08 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.46 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.42 2.29 -8.15	40.13 2.38 -11.00	43.55 2.52 -13.61	44.52 2.60 -13.01	46.71 2.97 -6.66	63.80 3.32 -18.40	52.87 3.81 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.99 2.45 0.00	32.57 2.13 -0.02
GRISSOM___SOLAR 323813	31.37 1.86 0.00	27.44 1.55 0.00	25.31 1.41 0.00	23.52 1.31 0.00	23.26 1.27 0.00	25.76 1.48 0.00	30.10 1.54 0.00	32.70 1.59 0.00	31.07 1.42 0.00	28.08 1.07 0.37	27.39 0.96 0.24	27.13 0.79 0.12	27.37 0.70 0.31	26.82 0.69 0.63	27.44 0.93 0.91	28.77 1.07 1.21	37.31 1.26 1.03	41.96 1.60 1.71	50.49 2.36 0.08	48.07 2.59 0.00	46.15 2.61 0.00	41.68 2.32 0.00	36.44 1.90 0.00	32.02 1.61 0.01
GROVEVILLE___HYD 323602	31.58 2.07 0.00	27.57 1.68 0.00	25.45 1.55 0.00	23.67 1.47 0.00	23.44 1.45 0.00	25.91 1.63 0.00	30.30 1.74 0.00	33.17 2.05 0.00	31.72 2.07 0.00	30.58 1.81 -1.38	29.47 1.71 -1.09	28.37 1.69 -0.22	30.17 1.70 -1.50	32.18 1.79 -3.63	34.62 1.92 -5.28	38.04 1.99 -7.13	43.57 2.45 -4.05	54.96 2.78 -10.11	51.95 3.28 -0.47	48.30 2.82 0.00	46.10 2.57 0.00	41.68 2.32 0.00	36.44 1.90 0.00	31.98 1.55 -0.01
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.48 -0.03 0.00	25.84 -0.05 0.00	23.80 -0.10 0.00	22.12 -0.09 0.00	21.90 -0.09 0.00	24.16 -0.12 0.00	28.36 -0.20 0.00	30.77 -0.34 0.00	29.41 -0.24 0.00	27.14 -0.25 0.00	26.43 -0.24 0.00	26.19 -0.26 0.00	26.65 -0.32 0.00	26.43 -0.32 0.00	27.17 -0.25 0.00	28.73 -0.17 0.00	36.70 -0.37 0.00	41.53 -0.55 0.00	47.58 -0.63 0.00	45.02 -0.45 0.00	43.10 -0.44 0.00	38.88 -0.47 0.00	34.09 -0.45 0.00	30.08 -0.33 0.00
HAMLTNNY_34_KV_TB 80303	29.42 -0.09 0.00	25.81 -0.08 0.00	23.78 -0.12 0.00	22.10 -0.11 0.00	21.85 -0.13 0.00	24.11 -0.17 0.00	28.27 -0.29 0.00	30.71 -0.40 0.00	29.38 -0.27 0.00	27.09 -0.30 0.00	26.41 -0.27 0.00	26.17 -0.29 0.00	26.62 -0.35 0.00	26.41 -0.35 0.00	27.12 -0.30 0.00	28.68 -0.23 0.00	36.70 -0.37 0.00	41.44 -0.63 0.00	47.53 -0.67 0.00	45.02 -0.45 0.00	43.10 -0.44 0.00	38.88 -0.47 0.00	34.06 -0.48 0.00	30.11 -0.30 0.00

HAMPSHIRE___PAPER_HYD 323593	29.40 -0.12 0.00	26.04 0.16 0.00	23.99 0.10 0.00	22.23 0.02 0.00	22.07 0.09 0.00	24.33 0.05 0.00	28.62 0.06 0.00	31.18 0.06 0.00	29.49 -0.15 0.00	27.14 -0.25 0.00	26.41 -0.27 0.00	26.19 -0.26 0.00	26.60 -0.38 0.00	26.30 -0.46 0.00	26.98 -0.44 0.00	28.62 -0.29 0.00	36.85 -0.22 0.00	41.69 -0.38 0.00	48.02 -0.19 0.00	45.39 -0.09 0.00	43.84 0.31 0.00	39.83 0.47 0.00	35.20 0.65 0.00	30.90 0.49 0.00
HARDSCRABBLE_WT_PWR 323673	29.40 -0.12 0.00	25.81 -0.08 0.00	23.85 -0.05 0.00	22.14 -0.07 0.00	21.96 -0.02 0.00	24.28 0.00 0.00	28.53 -0.03 0.00	31.12 0.00 0.00	29.64 0.00 0.00	27.33 -0.05 0.00	26.65 -0.03 0.00	26.40 -0.05 0.00	26.84 -0.13 0.00	26.62 -0.13 0.00	27.33 -0.08 0.00	28.88 -0.03 0.00	37.00 -0.07 0.00	41.95 -0.13 0.00	48.16 -0.05 0.00	45.43 -0.05 0.00	43.45 -0.09 0.00	39.24 -0.12 0.00	34.34 -0.21 0.00	30.17 -0.24 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.46 1.95 0.00	27.44 1.55 0.00	25.35 1.46 0.00	23.58 1.38 0.00	23.35 1.36 0.00	25.79 1.51 0.00	30.19 1.63 0.00	33.11 1.99 0.00	31.66 2.02 0.00	31.09 1.81 -1.89	29.97 1.73 -1.57	30.62 1.69 -2.47	32.39 1.70 -3.72	35.21 1.77 -6.68	38.38 1.89 -9.07	41.68 1.99 -10.78	45.12 2.45 -5.60	60.13 2.78 -15.28	52.14 3.23 -0.71	48.25 2.77 0.00	46.02 2.48 0.00	41.60 2.24 0.00	36.41 1.87 0.00	31.95 1.52 -0.01
HARSNRAD_115KV_TB1 81005	28.80 -0.71 0.00	25.21 -0.67 0.00	23.25 -0.65 0.00	21.63 -0.58 0.00	21.35 -0.64 0.00	23.53 -0.75 0.00	26.93 -1.63 0.00	29.16 -1.96 0.00	28.46 -1.19 0.00	26.34 -1.10 -0.05	25.91 -0.80 -0.04	25.62 -0.85 -0.01	25.94 -1.11 -0.07	25.83 -1.10 -0.17	26.43 -1.23 -0.25	28.05 -1.19 -0.33	35.30 -1.93 -0.15	39.77 -2.78 -0.47	45.05 -3.18 -0.02	43.02 -2.46 0.00	41.36 -2.18 0.00	37.11 -2.24 0.00	32.47 -2.07 0.00	29.53 -0.88 0.00
HARZA MOOSE___RIVER 24016	29.87 0.35 0.00	26.40 0.52 0.00	24.35 0.45 0.00	22.56 0.36 0.00	22.40 0.42 0.00	24.74 0.46 0.00	29.02 0.46 0.00	31.61 0.50 0.00	30.03 0.39 0.00	27.61 0.22 0.00	26.89 0.21 0.00	26.64 0.19 0.00	27.00 0.03 0.00	26.73 -0.03 0.00	27.47 0.05 0.00	29.17 0.26 0.00	37.45 0.37 0.00	42.45 0.38 0.00	48.98 0.77 0.00	46.30 0.82 0.00	44.45 0.91 0.00	40.22 0.87 0.00	35.34 0.79 0.00	31.02 0.61 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	29.45 -0.06 0.00	25.81 -0.08 0.00	23.78 -0.12 0.00	22.12 -0.09 0.00	21.88 -0.11 0.00	24.16 -0.12 0.00	28.33 -0.23 0.00	30.74 -0.37 0.00	29.41 -0.24 0.00	27.14 -0.25 0.00	26.46 -0.21 0.00	26.22 -0.24 0.00	26.65 -0.32 0.00	26.43 -0.32 0.00	27.17 -0.25 0.00	28.73 -0.17 0.00	36.67 -0.41 0.00	41.44 -0.63 0.00	47.53 -0.67 0.00	44.93 -0.55 0.00	43.01 -0.52 0.00	38.81 -0.55 0.00	34.02 -0.52 0.00	30.02 -0.40 0.00
HELLGATE_13_KV_LD 55870	32.15 2.63 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.10 1.89 -0.01	23.86 1.87 -0.01	26.30 2.02 0.00	30.70 2.14 0.00	33.73 2.61 0.00	32.34 2.70 0.00	32.16 2.52 -2.26	31.03 2.45 -1.90	37.16 2.33 -8.37	37.47 2.35 -8.15	40.19 2.43 -11.00	43.63 2.60 -13.61	44.58 2.66 -13.01	46.78 3.04 -6.66	63.84 3.37 -18.40	52.92 3.86 -0.85	48.75 3.27 0.00	46.45 2.92 0.00	42.15 2.79 0.00	36.92 2.38 0.00	32.50 2.07 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.15 2.63 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.10 1.89 -0.01	23.86 1.87 -0.01	26.30 2.02 0.00	30.70 2.14 0.00	33.73 2.61 0.00	32.34 2.70 0.00	32.16 2.52 -2.26	31.03 2.45 -1.90	37.16 2.33 -8.37	37.47 2.35 -8.15	40.19 2.43 -11.00	43.63 2.60 -13.61	44.58 2.66 -13.01	46.78 3.04 -6.66	63.84 3.37 -18.40	52.92 3.86 -0.85	48.75 3.27 0.00	46.45 2.92 0.00	42.15 2.79 0.00	36.92 2.38 0.00	32.50 2.07 -0.01
HEMPSTEAD___ 23647	46.70 2.36 -14.83	32.18 1.99 -4.30	25.80 1.89 -0.02	24.02 1.80 -0.02	23.78 1.78 -0.01	26.21 1.92 -0.02	30.63 2.06 -0.02	34.28 2.52 -0.64	32.18 2.52 -0.02	32.32 2.27 -2.66	37.20 2.16 -8.37	44.07 2.12 -15.50	44.82 2.13 -15.72	43.64 2.17 -14.72	45.39 2.36 -15.62	44.87 2.43 -13.53	51.44 2.78 -11.59	63.52 3.11 -18.33	52.69 3.62 -0.86	48.72 3.23 -0.01	46.46 2.92 -0.01	42.01 2.64 -0.01	37.33 2.21 -0.58	34.38 1.92 -2.05
HICKLING___1 23621	30.07 0.56 0.00	26.30 0.41 0.00	24.18 0.29 0.00	22.52 0.31 0.00	22.27 0.29 0.00	24.57 0.29 0.00	28.62 0.06 0.00	31.15 0.03 0.00	29.97 0.33 0.00	27.69 0.22 -0.09	27.04 0.29 -0.08	26.69 0.21 -0.03	27.16 0.05 -0.13	27.09 0.03 -0.31	27.97 0.11 -0.45	29.85 0.35 -0.59	37.63 0.30 -0.26	42.76 -0.13 -0.81	48.34 0.10 -0.04	45.93 0.45 0.00	43.93 0.39 0.00	39.51 0.16 0.00	34.61 0.07 0.00	30.87 0.46 0.00
HICKLING___2 23622	30.07 0.56 0.00	26.30 0.41 0.00	24.18 0.29 0.00	22.52 0.31 0.00	22.27 0.29 0.00	24.57 0.29 0.00	28.62 0.06 0.00	31.15 0.03 0.00	29.97 0.33 0.00	27.69 0.22 -0.09	27.04 0.29 -0.08	26.69 0.21 -0.03	27.16 0.05 -0.13	27.09 0.03 -0.31	27.97 0.11 -0.45	29.85 0.35 -0.59	37.63 0.30 -0.26	42.76 -0.13 -0.81	48.34 0.10 -0.04	45.93 0.45 0.00	43.93 0.39 0.00	39.51 0.16 0.00	34.61 0.07 0.00	30.87 0.46 0.00
HIGH FALLS___HY 23754	31.79 2.27 0.00	27.70 1.81 0.00	25.57 1.67 0.00	23.78 1.58 0.00	23.55 1.56 0.00	26.05 1.77 0.00	30.47 1.91 0.00	33.42 2.30 0.00	31.95 2.31 0.00	30.57 2.03 -1.15	29.52 1.92 -0.93	28.73 1.90 -0.36	30.31 1.92 -1.42	31.99 1.98 -3.26	34.21 2.11 -4.68	37.33 2.23 -6.19	43.28 2.82 -3.39	54.13 3.28 -8.78	52.47 3.86 -0.41	48.80 3.32 0.00	46.54 3.00 0.00	42.07 2.72 0.00	36.79 2.25 0.00	32.25 1.82 -0.01
HIGH_RIVER___SOLAR 323847	30.84 1.33 0.00	26.97 1.09 0.00	24.92 1.03 0.00	23.14 0.93 0.00	22.91 0.92 0.00	25.30 1.02 0.00	29.59 1.03 0.00	32.14 1.03 0.00	30.53 0.89 0.00	27.56 0.58 0.41	26.91 0.51 0.27	26.61 0.29 0.14	26.88 0.24 0.34	26.31 0.27 0.71	26.86 0.47 1.02	28.08 0.52 1.35	36.54 0.59 1.13	41.05 0.88 1.91	49.52 1.40 0.09	47.11 1.63 0.00	45.23 1.70 0.00	40.85 1.50 0.00	35.75 1.21 0.00	31.44 1.03 0.01
HILLBURN___GT 23639	31.52 2.01 0.00	27.49 1.61 0.00	25.40 1.51 0.00	23.63 1.42 0.00	23.39 1.41 0.00	25.81 1.53 0.00	30.19 1.63 0.00	33.20 2.09 0.00	31.75 2.10 0.00	31.29 1.92 -1.98	30.19 1.87 -1.65	31.15 1.85 -2.84	32.89 1.84 -4.08	35.83 1.90 -7.18	39.12 2.03 -9.68	42.41 2.14 -11.36	45.51 2.56 -5.88	60.94 2.82 -16.05	52.23 3.28 -0.74	48.30 2.82 0.00	46.01 2.48 0.00	41.64 2.28 0.00	36.41 1.86 0.00	31.95 1.52 -0.01
HILLSIDE_115KV_TB1 80332	29.57 0.06 0.00	25.89 0.00 0.00	23.82 -0.07 0.00	22.16 -0.04 0.00	21.94 -0.04 0.00	24.21 -0.07 0.00	28.19 -0.37 0.00	30.71 -0.40 0.00	29.52 -0.12 0.00	27.32 -0.16 -0.09	26.70 -0.05 -0.08	26.35 -0.13 -0.03	26.85 -0.27 -0.14	26.77 -0.32 -0.33	27.65 -0.25 -0.48	29.48 -0.06 -0.63	37.16 -0.19 -0.27	42.34 -0.59 -0.86	47.77 -0.48 -0.04	45.30 -0.18 0.00	43.23 -0.30 0.00	38.92 -0.43 0.00	34.09 -0.45 0.00	30.38 -0.03 0.00

HISHELDN_WT_PWR 323625	29.22 -0.30 0.00	25.60 -0.28 0.00	23.51 -0.38 0.00	21.90 -0.31 0.00	21.63 -0.35 0.00	23.84 -0.44 0.00	27.76 -0.80 0.00	29.75 -1.37 0.00	28.87 -0.77 0.00	26.74 -0.71 -0.06	26.30 -0.43 -0.05	25.97 -0.50 -0.02	26.34 -0.73 -0.09	26.25 -0.72 -0.22	26.82 -0.90 -0.31	28.51 -0.81 -0.41	35.96 -1.30 -0.18	40.54 -2.10 -0.57	46.21 -2.02 -0.03	43.89 -1.59 0.00	42.10 -1.44 0.00	37.82 -1.54 0.00	33.12 -1.42 0.00	29.81 -0.61 0.00
HOLTSVILLE_IC_1 23690	42.14 2.71 -9.91	30.99 2.23 -2.87	26.08 2.17 -0.01	24.26 2.04 -0.01	24.06 2.07 -0.01	26.50 2.21 -0.01	30.91 2.34 -0.01	34.44 2.89 -0.43	32.63 2.91 -0.08	32.52 2.55 -2.58	35.28 2.40 -6.20	37.25 2.35 -8.44	39.45 2.45 -10.02	40.24 2.49 -10.99	42.74 2.71 -12.61	45.11 2.80 -13.40	60.23 3.15 -20.00	63.97 3.57 -18.32	53.16 4.10 -0.86	49.35 3.86 -0.01	47.11 3.57 -0.01	42.36 2.99 -0.01	37.45 2.52 -0.39	33.92 2.13 -1.37
HOLTSVILLE_IC_10 23699	42.36 2.86 -9.99	31.14 2.36 -2.89	26.20 2.29 -0.01	24.37 2.15 -0.01	24.17 2.18 -0.01	26.60 2.31 -0.01	31.02 2.46 -0.01	34.60 3.05 -0.43	32.81 3.08 -0.08	32.69 2.71 -2.59	35.47 2.56 -6.23	37.51 2.51 -8.54	39.69 2.62 -10.10	40.46 2.65 -11.05	42.95 2.88 -12.65	45.32 3.01 -13.41	61.29 3.41 -20.80	64.23 3.83 -18.33	53.45 4.39 -0.86	49.63 4.14 -0.01	47.42 3.87 -0.01	42.59 3.23 -0.01	37.63 2.70 -0.39	34.05 2.25 -1.38
HOLTSVILLE_IC_2 23691	42.14 2.71 -9.91	30.99 2.23 -2.87	26.08 2.17 -0.01	24.26 2.04 -0.01	24.06 2.07 -0.01	26.50 2.21 -0.01	30.91 2.34 -0.01	34.44 2.89 -0.43	32.63 2.91 -0.08	32.52 2.55 -2.58	35.28 2.40 -6.20	37.25 2.35 -8.44	39.45 2.45 -10.02	40.24 2.49 -10.99	42.74 2.71 -12.61	45.11 2.80 -13.40	60.23 3.15 -20.00	63.97 3.57 -18.32	53.16 4.10 -0.86	49.35 3.86 -0.01	47.11 3.57 -0.01	42.36 2.99 -0.01	37.45 2.52 -0.39	33.92 2.13 -1.37
HOLTSVILLE_IC_3 23692	42.14 2.71 -9.91	30.99 2.23 -2.87	26.08 2.17 -0.01	24.26 2.04 -0.01	24.06 2.07 -0.01	26.50 2.21 -0.01	30.91 2.34 -0.01	34.44 2.89 -0.43	32.63 2.91 -0.08	32.52 2.55 -2.58	35.28 2.40 -6.20	37.25 2.35 -8.44	39.45 2.45 -10.02	40.24 2.49 -10.99	42.74 2.71 -12.61	45.11 2.80 -13.40	60.23 3.15 -20.00	63.97 3.57 -18.32	53.16 4.10 -0.86	49.35 3.86 -0.01	47.11 3.57 -0.01	42.36 2.99 -0.01	37.45 2.52 -0.39	33.92 2.13 -1.37
HOLTSVILLE_IC_4 23693	42.14 2.71 -9.91	30.99 2.23 -2.87	26.08 2.17 -0.01	24.26 2.04 -0.01	24.06 2.07 -0.01	26.50 2.21 -0.01	30.91 2.34 -0.01	34.44 2.89 -0.43	32.63 2.91 -0.08	32.52 2.55 -2.58	35.28 2.40 -6.20	37.25 2.35 -8.44	39.45 2.45 -10.02	40.24 2.49 -10.99	42.74 2.71 -12.61	45.11 2.80 -13.40	60.23 3.15 -20.00	63.97 3.57 -18.32	53.16 4.10 -0.86	49.35 3.86 -0.01	47.11 3.57 -0.01	42.36 2.99 -0.01	37.45 2.52 -0.39	33.92 2.13 -1.37
HOLTSVILLE_IC_5 23694	42.14 2.71 -9.91	30.99 2.23 -2.87	26.08 2.17 -0.01	24.26 2.04 -0.01	24.06 2.07 -0.01	26.50 2.21 -0.01	30.91 2.34 -0.01	34.44 2.89 -0.43	32.63 2.91 -0.08	32.52 2.55 -2.58	35.28 2.40 -6.20	37.25 2.35 -8.44	39.45 2.45 -10.02	40.24 2.49 -10.99	42.74 2.71 -12.61	45.11 2.80 -13.40	60.23 3.15 -20.00	63.97 3.57 -18.32	53.16 4.10 -0.86	49.35 3.86 -0.01	47.11 3.57 -0.01	42.36 2.99 -0.01	37.45 2.52 -0.39	33.92 2.13 -1.37
HOLTSVILLE_IC_6 23695	42.36 2.86 -9.99	31.14 2.36 -2.89	26.20 2.29 -0.01	24.37 2.15 -0.01	24.17 2.18 -0.01	26.60 2.31 -0.01	31.02 2.46 -0.01	34.60 3.05 -0.43	32.81 3.08 -0.08	32.69 2.71 -2.59	35.47 2.56 -6.23	37.51 2.51 -8.54	39.69 2.62 -10.10	40.46 2.65 -11.05	42.95 2.88 -12.65	45.32 3.01 -13.41	61.29 3.41 -20.80	64.23 3.83 -18.33	53.45 4.39 -0.86	49.63 4.14 -0.01	47.42 3.87 -0.01	42.59 3.23 -0.01	37.63 2.70 -0.39	34.05 2.25 -1.38
HOLTSVILLE_IC_7 23696	42.36 2.86 -9.99	31.14 2.36 -2.89	26.20 2.29 -0.01	24.37 2.15 -0.01	24.17 2.18 -0.01	26.60 2.31 -0.01	31.02 2.46 -0.01	34.60 3.05 -0.43	32.81 3.08 -0.08	32.69 2.71 -2.59	35.47 2.56 -6.23	37.51 2.51 -8.54	39.69 2.62 -10.10	40.46 2.65 -11.05	42.95 2.88 -12.65	45.32 3.01 -13.41	61.29 3.41 -20.80	64.23 3.83 -18.33	53.45 4.39 -0.86	49.63 4.14 -0.01	47.42 3.87 -0.01	42.59 3.23 -0.01	37.63 2.70 -0.39	34.05 2.25 -1.38
HOLTSVILLE_IC_8 23697	42.36 2.86 -9.99	31.14 2.36 -2.89	26.20 2.29 -0.01	24.37 2.15 -0.01	24.17 2.18 -0.01	26.60 2.31 -0.01	31.02 2.46 -0.01	34.60 3.05 -0.43	32.81 3.08 -0.08	32.69 2.71 -2.59	35.47 2.56 -6.23	37.51 2.51 -8.54	39.69 2.62 -10.10	40.46 2.65 -11.05	42.95 2.88 -12.65	45.32 3.01 -13.41	61.29 3.41 -20.80	64.23 3.83 -18.33	53.45 4.39 -0.86	49.63 4.14 -0.01	47.42 3.87 -0.01	42.59 3.23 -0.01	37.63 2.70 -0.39	34.05 2.25 -1.38
HOLTSVILLE_IC_9 23698	42.36 2.86 -9.99	31.14 2.36 -2.89	26.20 2.29 -0.01	24.37 2.15 -0.01	24.17 2.18 -0.01	26.60 2.31 -0.01	31.02 2.46 -0.01	34.60 3.05 -0.43	32.81 3.08 -0.08	32.69 2.71 -2.59	35.47 2.56 -6.23	37.51 2.51 -8.54	39.69 2.62 -10.10	40.46 2.65 -11.05	42.95 2.88 -12.65	45.32 3.01 -13.41	61.29 3.41 -20.80	64.23 3.83 -18.33	53.45 4.39 -0.86	49.63 4.14 -0.01	47.42 3.87 -0.01	42.59 3.23 -0.01	37.63 2.70 -0.39	34.05 2.25 -1.38
HOMER_HL_115KV_TB2 355744	29.34 -0.18 0.00	25.63 -0.26 0.00	23.56 -0.33 0.00	21.96 -0.24 0.00	21.72 -0.26 0.00	23.96 -0.32 0.00	27.70 -0.86 0.00	30.21 -0.90 0.00	29.32 -0.33 0.00	27.15 -0.30 -0.06	26.65 -0.08 -0.06	26.29 -0.19 -0.02	26.66 -0.40 -0.09	26.50 -0.48 -0.22	27.22 -0.52 -0.32	29.07 -0.26 -0.42	36.86 -0.41 -0.19	41.62 -1.05 -0.60	47.22 -1.01 -0.03	44.93 -0.55 0.00	42.79 -0.74 0.00	38.41 -0.94 0.00	33.64 -0.90 0.00	30.26 -0.15 0.00
HOWARD_WT_PWR 323690	29.98 0.47 0.00	26.25 0.36 0.00	24.09 0.19 0.00	22.43 0.22 0.00	22.18 0.20 0.00	24.47 0.19 0.00	28.62 0.06 0.00	30.87 -0.25 0.00	29.70 0.06 0.00	27.43 -0.03 -0.07	26.87 0.13 -0.06	26.53 0.05 -0.02	26.92 -0.16 -0.11	26.85 -0.16 -0.26	27.57 -0.22 -0.37	29.40 0.00 -0.49	37.14 -0.15 -0.21	41.99 -0.76 -0.67	47.85 -0.39 -0.03	45.52 0.05 0.00	43.62 0.09 0.00	39.24 -0.12 0.00	34.40 -0.14 0.00	30.75 0.34 0.00
HQ_GEN_CEDARS 23644	29.19 -0.32 0.00	25.81 -0.08 0.00	23.80 -0.10 0.00	22.14 -0.07 0.00	21.92 -0.07 0.00	24.13 -0.15 0.00	28.53 -0.03 0.00	31.15 0.03 0.00	29.52 -0.12 0.00	27.33 -0.05 0.00	26.54 -0.13 0.00	26.40 -0.05 0.00	27.03 0.05 0.00	26.76 0.00 0.00	27.28 -0.14 0.00	28.76 -0.14 0.00	37.15 0.07 0.00	42.20 0.13 0.00	48.26 0.05 0.00	45.43 -0.05 0.00	43.84 0.30 0.00	39.79 0.43 0.00	35.13 0.59 0.00	30.87 0.46 0.00
HQ_GEN_CEDARS_PROXY 323590	29.19 -0.32 0.00	25.81 -0.08 0.00	23.80 -0.10 0.00	22.14 -0.07 0.00	21.92 -0.07 0.00	24.14 -0.14 0.00	28.53 -0.03 0.00	31.15 0.03 0.00	29.52 -0.12 0.00	27.33 -0.05 0.00	26.54 -0.13 0.00	26.35 -0.11 0.00	27.03 0.05 0.00	26.76 0.00 0.00	27.28 -0.14 0.00	28.54 -0.14 0.23	37.38 0.07 -0.23	42.20 0.13 0.00	48.26 0.05 0.00	45.43 -0.05 0.00	43.84 0.31 0.00	39.79 0.43 0.00	35.13 0.59 0.00	30.87 0.46 0.00

HQ_GEN_IMPORT 323601	29.16 -0.35 0.00	25.63 -0.26 0.00	23.66 -0.24 0.00	21.98 -0.22 0.00	21.77 -0.22 0.00	24.06 -0.22 0.00	28.45 -0.11 0.00	31.02 -0.09 0.00	29.47 -0.18 0.00	27.28 -0.11 0.00	26.54 -0.13 0.00	26.35 -0.11 0.00	26.95 -0.03 0.00	26.68 -0.08 0.00	27.25 -0.16 0.00	28.48 -0.20 0.23	37.23 -0.07 -0.23	42.12 0.04 0.00	48.16 -0.05 0.00	45.43 -0.05 0.00	43.53 0.00 0.00	39.40 0.04 0.00	34.68 0.14 0.00	30.51 0.09 0.00
HQ_GEN_WHEEL 23651	29.16 -0.35 0.00	25.63 -0.26 0.00	23.66 -0.24 0.00	21.98 -0.22 0.00	21.77 -0.22 0.00	24.06 -0.22 0.00	28.45 -0.11 0.00	31.02 -0.09 0.00	29.47 -0.18 0.00	27.28 -0.11 0.00	26.54 -0.13 0.00	26.35 -0.11 0.00	26.95 -0.03 0.00	26.68 -0.08 0.00	27.25 -0.16 0.00	28.48 -0.20 0.23	37.23 -0.07 -0.23	42.12 0.04 0.00	48.16 -0.05 0.00	45.43 -0.05 0.00	43.53 0.00 0.00	39.40 0.04 0.00	34.68 0.14 0.00	30.51 0.09 0.00
HUDSON AVE_GT_3 23810	31.90 2.39 0.00	27.83 1.94 0.00	25.71 1.82 0.00	23.92 1.71 0.00	23.68 1.69 0.00	26.13 1.85 0.00	30.59 2.03 0.00	33.61 2.49 0.00	32.19 2.55 0.00	32.00 2.36 -2.26	30.87 2.29 -1.90	36.50 2.25 -7.79	37.00 2.27 -7.76	39.80 2.35 -10.69	43.24 2.49 -13.33	44.50 2.57 -13.02	46.71 2.97 -6.67	63.77 3.28 -18.41	52.87 3.81 -0.85	48.71 3.23 0.00	46.41 2.87 0.00	42.07 2.72 0.00	36.75 2.21 0.00	32.25 1.82 -0.01
HUDSON AVE_GT_4 23540	31.90 2.39 0.00	27.83 1.94 0.00	25.71 1.82 0.00	23.92 1.71 0.00	23.68 1.69 0.00	26.13 1.85 0.00	30.59 2.03 0.00	33.61 2.49 0.00	32.19 2.55 0.00	32.00 2.36 -2.26	30.87 2.29 -1.90	36.50 2.25 -7.79	37.00 2.27 -7.76	39.80 2.35 -10.69	43.24 2.49 -13.33	44.50 2.57 -13.02	46.71 2.97 -6.67	63.77 3.28 -18.41	52.87 3.81 -0.85	48.71 3.23 0.00	46.41 2.87 0.00	42.07 2.72 0.00	36.75 2.21 0.00	32.25 1.82 -0.01
HUDSON AVE_GT_5 23657	31.90 2.39 0.00	27.83 1.94 0.00	25.71 1.82 0.00	23.92 1.71 0.00	23.68 1.69 0.00	26.13 1.85 0.00	30.59 2.03 0.00	33.61 2.49 0.00	32.19 2.55 0.00	32.00 2.36 -2.26	30.87 2.29 -1.90	36.50 2.25 -7.79	37.00 2.27 -7.76	39.80 2.35 -10.69	43.24 2.49 -13.33	44.50 2.57 -13.02	46.71 2.97 -6.67	63.77 3.28 -18.41	52.87 3.81 -0.85	48.71 3.23 0.00	46.41 2.87 0.00	42.07 2.72 0.00	36.75 2.21 0.00	32.25 1.82 -0.01
HUDSON_AVE_10 24168	31.84 2.33 0.00	27.75 1.86 0.00	25.66 1.77 0.00	23.85 1.64 0.00	23.61 1.63 0.00	26.05 1.77 0.00	30.53 1.97 0.00	33.54 2.43 0.00	32.13 2.49 0.00	31.97 2.33 -2.26	30.81 2.24 -1.90	36.45 2.20 -7.79	36.94 2.21 -7.76	39.74 2.30 -10.69	43.19 2.44 -13.33	44.44 2.51 -13.02	46.64 2.89 -6.67	63.72 3.24 -18.41	52.77 3.71 -0.85	48.62 3.14 0.00	46.32 2.79 0.00	41.99 2.64 0.00	36.68 2.14 0.00	32.19 1.76 -0.01
HUDSON___115KV_TB 4 355613	30.58 1.06 0.00	26.77 0.88 0.00	24.73 0.84 0.00	22.98 0.78 0.00	22.73 0.75 0.00	25.13 0.85 0.00	29.39 0.83 0.00	31.96 0.84 0.00	30.29 0.65 0.00	27.73 0.60 0.26	27.08 0.56 0.15	26.92 0.56 0.09	27.34 0.54 0.17	27.02 0.59 0.32	27.75 0.80 0.47	29.10 0.81 0.62	37.27 0.89 0.69	42.24 1.05 0.88	49.57 1.40 0.04	46.71 1.23 0.00	44.67 1.13 0.00	40.38 1.02 0.00	35.37 0.83 0.00	31.08 0.67 0.01
HUNTER MOUNT___DRP 323613	30.63 1.12 0.00	26.84 0.96 0.00	24.78 0.88 0.00	23.01 0.80 0.00	22.75 0.77 0.00	25.18 0.90 0.00	29.47 0.91 0.00	31.99 0.87 0.00	30.29 0.65 0.00	28.00 0.63 0.02	27.25 0.56 -0.02	26.97 0.53 0.01	27.60 0.54 -0.08	27.58 0.59 -0.24	28.53 0.77 -0.35	30.17 0.81 -0.46	37.98 0.93 0.02	43.89 1.18 -0.64	49.83 1.59 -0.03	46.75 1.27 0.00	44.80 1.26 0.00	40.46 1.10 0.00	35.44 0.90 0.00	31.17 0.76 0.00
HUNTINGTON_RES_REC 323705	42.14 2.60 -10.03	30.99 2.20 -2.91	26.01 2.10 -0.01	24.19 1.98 -0.01	23.99 2.00 -0.01	26.43 2.14 -0.01	30.85 2.29 -0.01	34.38 2.83 -0.44	32.33 2.73 0.04	32.35 2.49 -2.47	35.16 2.24 -6.25	37.28 2.22 -8.60	39.44 2.32 -10.15	40.32 2.38 -11.18	42.70 2.61 -12.68	45.16 2.75 -13.51	75.66 3.30 -35.29	63.81 3.41 -18.33	52.97 3.90 -0.86	49.13 3.64 -0.01	46.85 3.31 -0.01	42.16 2.79 -0.01	37.39 2.45 -0.39	33.93 2.13 -1.39
HUNTLEY___63 23557	28.95 -0.56 0.00	25.32 -0.57 0.00	23.30 -0.60 0.00	21.67 -0.53 0.00	21.41 -0.57 0.00	23.60 -0.68 0.00	27.07 -1.49 0.00	29.37 -1.74 0.00	28.66 -0.98 0.00	26.56 -0.88 -0.05	26.13 -0.59 -0.04	25.84 -0.63 -0.02	26.16 -0.89 -0.08	26.05 -0.88 -0.18	26.66 -1.01 -0.26	28.29 -0.95 -0.34	35.63 -1.59 -0.15	40.12 -2.44 -0.49	45.39 -2.84 -0.02	43.34 -2.14 0.00	41.62 -1.92 0.00	37.39 -1.97 0.00	32.71 -1.83 0.00	29.65 -0.76 0.00
HUNTLEY___64 23558	28.95 -0.56 0.00	25.32 -0.57 0.00	23.30 -0.60 0.00	21.67 -0.53 0.00	21.41 -0.57 0.00	23.60 -0.68 0.00	27.07 -1.49 0.00	29.37 -1.74 0.00	28.66 -0.98 0.00	26.56 -0.88 -0.05	26.13 -0.59 -0.04	25.84 -0.63 -0.02	26.16 -0.89 -0.08	26.05 -0.88 -0.18	26.66 -1.01 -0.26	28.29 -0.95 -0.34	35.63 -1.59 -0.15	40.12 -2.44 -0.49	45.39 -2.84 -0.02	43.34 -2.14 0.00	41.62 -1.92 0.00	37.39 -1.97 0.00	32.71 -1.83 0.00	29.65 -0.76 0.00
HUNTLEY___65 23559	28.95 -0.56 0.00	25.32 -0.57 0.00	23.30 -0.60 0.00	21.67 -0.53 0.00	21.41 -0.57 0.00	23.60 -0.68 0.00	27.07 -1.49 0.00	29.37 -1.74 0.00	28.66 -0.98 0.00	26.56 -0.88 -0.05	26.13 -0.59 -0.04	25.84 -0.63 -0.02	26.16 -0.89 -0.08	26.05 -0.88 -0.18	26.66 -1.01 -0.26	28.29 -0.95 -0.34	35.63 -1.59 -0.15	40.12 -2.44 -0.49	45.39 -2.84 -0.02	43.34 -2.14 0.00	41.62 -1.92 0.00	37.39 -1.97 0.00	32.71 -1.83 0.00	29.65 -0.76 0.00
HUNTLEY___66 23560	28.95 -0.56 0.00	25.32 -0.57 0.00	23.30 -0.60 0.00	21.67 -0.53 0.00	21.41 -0.57 0.00	23.60 -0.68 0.00	27.07 -1.49 0.00	29.37 -1.74 0.00	28.66 -0.98 0.00	26.56 -0.88 -0.05	26.13 -0.59 -0.04	25.84 -0.63 -0.02	26.16 -0.89 -0.08	26.05 -0.88 -0.18	26.66 -1.01 -0.26	28.29 -0.95 -0.34	35.63 -1.59 -0.15	40.12 -2.44 -0.49	45.39 -2.84 -0.02	43.34 -2.14 0.00	41.62 -1.92 0.00	37.39 -1.97 0.00	32.71 -1.83 0.00	29.65 -0.76 0.00
HUNTLEY___67 23561	28.83 -0.68 0.00	25.21 -0.67 0.00	23.23 -0.67 0.00	21.58 -0.62 0.00	21.33 -0.66 0.00	23.50 -0.78 0.00	27.02 -1.54 0.00	29.31 -1.80 0.00	28.60 -1.04 0.00	26.51 -0.93 -0.05	26.08 -0.64 -0.05	25.78 -0.69 -0.02	26.11 -0.94 -0.08	25.97 -0.96 -0.18	26.61 -1.07 -0.26	28.24 -1.01 -0.34	35.53 -1.71 -0.15	40.08 -2.48 -0.49	45.34 -2.89 -0.02	43.30 -2.18 0.00	41.53 -2.00 0.00	37.31 -2.05 0.00	32.64 -1.90 0.00	29.59 -0.82 0.00
HUNTLEY___68 23562	28.83 -0.68 0.00	25.21 -0.67 0.00	23.23 -0.67 0.00	21.58 -0.62 0.00	21.33 -0.66 0.00	23.50 -0.78 0.00	27.02 -1.54 0.00	29.31 -1.80 0.00	28.60 -1.04 0.00	26.51 -0.93 -0.05	26.08 -0.64 -0.05	25.78 -0.69 -0.02	26.11 -0.94 -0.08	25.97 -0.96 -0.18	26.61 -1.07 -0.26	28.24 -1.01 -0.34	35.53 -1.71 -0.15	40.08 -2.48 -0.49	45.34 -2.89 -0.02	43.30 -2.18 0.00	41.53 -2.00 0.00	37.31 -2.05 0.00	32.64 -1.90 0.00	29.59 -0.82 0.00



HYLAND___LFGE 323620	30.37 0.86 0.00	26.69 0.80 0.00	24.47 0.57 0.00	22.74 0.53 0.00	22.45 0.46 0.00	24.74 0.46 0.00	28.90 0.34 0.00	31.02 -0.09 0.00	29.55 -0.09 0.00	27.12 -0.33 -0.06	26.46 -0.27 -0.05	26.10 -0.37 -0.02	26.44 -0.62 -0.09	26.37 -0.59 -0.20	27.14 -0.58 -0.30	28.84 -0.46 -0.39	36.62 -0.63 -0.17	41.78 -0.84 -0.55	48.23 0.00 -0.03	46.39 0.91 0.00	44.71 1.18 0.00	40.18 0.83 0.00	35.20 0.65 0.00	31.36 0.94 0.00
INDECK___CORINTH 23802	31.37 1.86 0.00	27.52 1.63 0.00	25.40 1.51 0.00	23.58 1.38 0.00	23.30 1.32 0.00	25.57 1.29 0.00	29.90 1.34 0.00	32.55 1.43 0.00	30.92 1.27 0.00	27.84 0.96 0.51	27.20 0.85 0.32	27.11 0.82 0.17	27.33 0.75 0.40	26.73 0.78 0.80	27.36 1.10 1.16	28.62 1.24 1.53	37.07 1.37 1.38	41.60 1.68 2.15	50.33 2.22 0.10	47.71 2.23 0.00	45.75 2.22 0.00	41.28 1.93 0.00	36.13 1.59 0.00	32.01 1.61 0.01
INDECK___ILION 23567	29.57 0.06 0.00	25.94 0.05 0.00	23.97 0.07 0.00	22.25 0.04 0.00	22.05 0.07 0.00	24.38 0.10 0.00	28.64 0.09 0.00	31.21 0.09 0.00	29.73 0.09 0.00	27.42 0.03 0.00	26.73 0.05 0.00	26.48 0.03 0.00	26.95 -0.03 0.00	26.73 -0.03 0.00	27.44 0.03 0.00	28.99 0.09 0.00	37.15 0.07 0.00	42.12 0.04 0.00	48.35 0.14 0.00	45.57 0.09 0.00	43.62 0.09 0.00	39.40 0.04 0.00	34.51 -0.03 0.00	30.35 -0.06 0.00
INDECK___OLEAN 23982	29.34 -0.18 0.00	25.68 -0.21 0.00	23.56 -0.33 0.00	21.96 -0.24 0.00	21.72 -0.26 0.00	23.96 -0.32 0.00	27.93 -0.63 0.00	30.21 -0.90 0.00	29.32 -0.33 0.00	27.15 -0.30 -0.06	26.70 -0.03 -0.06	26.34 -0.13 -0.02	26.75 -0.32 -0.09	26.60 -0.37 -0.22	27.19 -0.55 -0.32	29.02 -0.32 -0.43	36.86 -0.41 -0.19	41.62 -1.05 -0.59	47.42 -0.82 -0.03	44.93 -0.54 0.00	42.84 -0.70 0.00	38.41 -0.94 0.00	33.71 -0.83 0.00	30.26 -0.15 0.00
INDECK___OSWEGO 23783	28.92 -0.59 0.00	25.37 -0.52 0.00	23.39 -0.50 0.00	21.74 -0.47 0.00	21.52 -0.46 0.00	23.75 -0.53 0.00	27.87 -0.69 0.00	30.18 -0.93 0.00	28.78 -0.86 0.00	26.59 -0.75 0.00	25.93 -0.77 0.00	25.69 -0.84 0.00	26.14 -0.83 0.00	25.93 -0.82 0.00	26.60 -0.81 0.00	28.10 -0.81 0.00	36.00 -1.08 0.00	40.73 -1.35 0.00	46.76 -1.44 0.00	44.21 -1.27 0.00	42.36 -1.17 0.00	38.21 -1.14 0.00	33.54 -1.00 0.00	29.56 -0.85 0.00
INDECK___YERKES 23781	28.98 -0.53 0.00	25.39 -0.49 0.00	23.32 -0.57 0.00	21.70 -0.51 0.00	21.44 -0.55 0.00	23.63 -0.65 0.00	27.44 -1.11 0.00	29.38 -1.74 0.00	28.69 -0.95 0.00	26.59 -0.85 -0.05	26.21 -0.51 -0.04	25.91 -0.56 -0.02	26.24 -0.81 -0.08	26.16 -0.78 -0.18	26.66 -1.01 -0.26	28.21 -1.04 -0.34	35.67 -1.56 -0.15	40.16 -2.40 -0.48	45.77 -2.46 -0.02	43.39 -2.09 0.00	41.66 -1.87 0.00	37.39 -1.97 0.00	32.85 -1.69 0.00	29.68 -0.73 0.00
INDIAN POINT_GT_1 24139	31.55 2.04 0.00	27.54 1.66 0.00	25.45 1.55 0.00	23.67 1.47 0.00	23.44 1.45 0.00	25.86 1.58 0.00	30.24 1.68 0.00	33.20 2.08 0.00	31.78 2.13 0.00	31.57 1.92 -2.27	30.44 1.87 -1.90	32.37 1.83 -4.08	34.10 1.86 -5.27	37.43 1.93 -8.75	41.08 2.06 -11.61	44.21 2.14 -13.16	46.32 2.52 -6.73	63.49 2.78 -18.64	52.30 3.23 -0.86	48.25 2.77 0.00	46.02 2.48 0.00	41.64 2.28 0.00	36.41 1.87 0.00	31.95 1.52 -0.01
INDIAN POINT_GT_2 23659	31.55 2.04 0.00	27.54 1.66 0.00	25.45 1.55 0.00	23.67 1.47 0.00	23.44 1.45 0.00	25.86 1.58 0.00	30.24 1.68 0.00	33.20 2.08 0.00	31.78 2.13 0.00	31.57 1.92 -2.27	30.44 1.87 -1.90	32.37 1.83 -4.08	34.10 1.86 -5.27	37.43 1.93 -8.75	41.08 2.06 -11.61	44.21 2.14 -13.16	46.32 2.52 -6.73	63.49 2.78 -18.64	52.30 3.23 -0.86	48.25 2.77 0.00	46.02 2.48 0.00	41.64 2.28 0.00	36.41 1.87 0.00	31.95 1.52 -0.01
INDIAN POINT_GT_3 24019	31.55 2.04 0.00	27.54 1.66 0.00	25.45 1.55 0.00	23.67 1.47 0.00	23.44 1.45 0.00	25.86 1.58 0.00	30.24 1.68 0.00	33.20 2.08 0.00	31.78 2.13 0.00	31.57 1.92 -2.27	30.44 1.87 -1.90	32.37 1.83 -4.08	34.10 1.86 -5.27	37.43 1.93 -8.75	41.08 2.06 -11.61	44.21 2.14 -13.16	46.32 2.52 -6.73	63.49 2.78 -18.64	52.30 3.23 -0.86	48.25 2.77 0.00	46.02 2.48 0.00	41.64 2.28 0.00	36.41 1.87 0.00	31.95 1.52 -0.01
INDIAN POINT___2 23530	31.49 1.98 0.00	27.49 1.61 0.00	25.40 1.51 0.00	23.63 1.42 0.00	23.39 1.41 0.00	25.79 1.51 0.00	30.16 1.60 0.00	33.17 2.05 0.00	31.75 2.10 0.00	31.44 1.92 -2.13	30.29 1.84 -1.78	32.16 1.82 -3.88	33.77 1.84 -4.96	36.85 1.90 -8.19	40.30 2.03 -10.86	43.32 2.14 -12.27	45.87 2.48 -6.31	62.15 2.73 -17.34	52.14 3.13 -0.80	48.21 2.73 0.00	45.93 2.39 0.00	41.60 2.24 0.00	36.37 1.83 0.00	31.92 1.49 -0.01
INDIAN POINT___3 23531	31.52 2.01 0.00	27.49 1.60 0.00	25.43 1.53 0.00	23.63 1.42 0.00	23.39 1.41 0.00	25.83 1.55 0.00	30.22 1.66 0.00	33.17 2.05 0.00	31.75 2.10 0.00	31.59 1.92 -2.29	30.43 1.84 -1.92	32.23 1.83 -3.94	34.01 1.83 -5.20	37.39 1.90 -8.74	41.08 2.03 -11.63	44.31 2.11 -13.29	46.31 2.45 -6.78	63.64 2.73 -18.83	52.26 3.18 -0.87	48.21 2.73 0.00	45.93 2.39 0.00	41.60 2.24 0.00	36.37 1.83 0.00	31.92 1.49 -0.01
INGHAM_C_115KV_TB7 356103	29.34 -0.18 0.00	25.73 -0.16 0.00	23.78 -0.12 0.00	22.10 -0.11 0.00	21.90 -0.09 0.00	24.21 -0.07 0.00	28.47 -0.09 0.00	31.02 -0.09 0.00	29.55 -0.09 0.00	27.25 -0.14 0.00	26.54 -0.13 0.00	26.32 -0.13 0.00	26.76 -0.22 0.00	26.54 -0.21 0.00	27.25 -0.16 0.00	28.79 -0.12 0.00	36.89 -0.19 0.00	41.82 -0.25 0.00	48.02 -0.19 0.00	45.30 -0.18 0.00	43.32 -0.22 0.00	39.12 -0.24 0.00	34.27 -0.28 0.00	30.11 -0.30 0.00
IP CORINTH___1 23988	31.37 1.86 0.00	27.52 1.63 0.00	25.40 1.51 0.00	23.58 1.38 0.00	23.30 1.32 0.00	25.57 1.29 0.00	29.96 1.40 0.00	32.55 1.43 0.00	30.92 1.27 0.00	27.84 0.96 0.51	27.20 0.85 0.32	27.11 0.82 0.17	27.33 0.76 0.40	26.73 0.78 0.80	27.33 1.07 1.15	28.59 1.21 1.53	37.05 1.37 1.40	41.58 1.68 2.17	50.33 2.22 0.10	47.71 2.23 0.00	45.75 2.22 0.00	41.29 1.93 0.00	36.13 1.59 0.00	32.02 1.61 0.01
IP___TICONDEROGA 23804	32.94 3.42 0.00	28.79 2.90 0.00	26.53 2.63 0.00	24.60 2.40 0.00	24.25 2.26 0.00	26.78 2.50 0.00	31.33 2.77 0.00	33.92 2.80 0.00	32.19 2.55 0.00	28.83 1.94 0.51	28.13 1.79 0.32	28.06 1.77 0.17	28.20 1.62 0.40	27.56 1.61 0.80	28.40 2.14 1.15	29.81 2.43 1.53	38.57 2.89 1.40	43.56 3.66 2.17	52.88 4.77 0.10	50.30 4.82 0.00	48.32 4.79 0.00	43.61 4.25 0.00	38.10 3.56 0.00	33.72 3.32 0.01
ISLIP_RES_REC 323679	42.59 3.04 -10.03	31.28 2.49 -2.91	26.32 2.41 -0.01	24.48 2.27 -0.01	24.26 2.26 -0.01	26.72 2.43 -0.01	31.17 2.60 -0.01	34.76 3.21 -0.44	32.98 3.26 -0.08	32.85 2.88 -2.59	35.65 2.72 -6.25	37.74 2.67 -8.61	39.91 2.78 -10.15	40.67 2.83 -11.08	43.17 3.07 -12.68	45.52 3.21 -13.40	60.63 3.71 -19.85	64.52 4.13 -18.33	53.79 4.73 -0.86	49.90 4.41 -0.01	47.68 4.14 -0.01	42.83 3.46 -0.01	37.80 2.87 -0.39	34.21 2.40 -1.39

JAMAICA__27_KV_LOAD 355505	31.99 2.48 0.00	27.85 1.97 0.00	25.74 1.84 0.00	23.92 1.71 0.00	23.68 1.69 0.00	26.15 1.87 0.00	30.67 2.11 0.00	33.76 2.64 0.00	32.34 2.70 0.00	32.19 2.55 -2.26	31.03 2.45 -1.90	36.61 2.35 -7.79	37.11 2.37 -7.76	39.93 2.49 -10.69	43.41 2.66 -13.33	44.64 2.72 -13.02	46.86 3.11 -6.67	64.02 3.53 -18.41	53.16 4.10 -0.85	48.93 3.46 0.00	46.67 3.13 0.00	42.23 2.87 0.00	36.89 2.35 0.00	32.34 1.92 -0.01
JANIS__SOLAR 323808	30.81 1.30 0.00	27.02 1.14 0.00	24.88 0.98 0.00	23.07 0.87 0.00	22.91 0.92 0.00	25.28 1.00 0.00	29.67 1.11 0.00	32.21 1.09 0.00	30.59 0.95 0.00	28.11 0.63 -0.10	27.34 0.59 -0.09	26.96 0.48 -0.03	27.39 0.27 -0.14	27.34 0.24 -0.34	28.29 0.38 -0.49	30.28 0.72 -0.65	38.35 1.00 -0.28	44.00 1.05 -0.87	50.03 1.78 -0.04	47.39 1.91 0.00	45.40 1.87 0.00	40.97 1.61 0.00	35.89 1.35 0.00	31.63 1.22 0.00
JARVIS____ 23743	29.66 0.15 0.00	26.02 0.13 0.00	24.02 0.12 0.00	22.32 0.11 0.00	22.10 0.11 0.00	24.40 0.12 0.00	28.67 0.11 0.00	31.24 0.12 0.00	29.76 0.12 0.00	27.47 0.08 0.00	26.75 0.08 0.00	26.54 0.08 0.00	27.03 0.05 0.00	26.81 0.05 0.00	27.53 0.11 0.00	29.02 0.12 0.00	37.19 0.11 0.00	42.16 0.08 0.00	48.35 0.15 0.00	45.62 0.14 0.00	43.62 0.09 0.00	39.44 0.08 0.00	34.61 0.07 0.00	30.44 0.03 0.00
JENNISON____1 23625	30.96 1.45 0.00	27.16 1.27 0.00	25.02 1.12 0.00	23.21 1.00 0.00	23.06 1.08 0.00	25.47 1.19 0.00	29.82 1.26 0.00	32.52 1.40 0.00	31.01 1.36 0.00	28.58 1.07 -0.12	27.85 1.07 -0.11	27.47 0.98 -0.04	27.91 0.76 -0.18	27.89 0.70 -0.44	28.89 0.85 -0.63	30.98 1.24 -0.83	38.95 1.52 -0.35	44.75 1.56 -1.12	50.53 2.27 -0.05	47.71 2.23 0.00	45.62 2.09 0.00	41.17 1.81 0.00	36.03 1.49 0.00	31.78 1.37 0.00
JENNISON____2 23626	30.96 1.45 0.00	27.16 1.27 0.00	25.02 1.12 0.00	23.21 1.00 0.00	23.06 1.08 0.00	25.47 1.19 0.00	29.82 1.26 0.00	32.52 1.40 0.00	31.01 1.36 0.00	28.58 1.07 -0.12	27.85 1.07 -0.11	27.47 0.98 -0.04	27.91 0.76 -0.18	27.89 0.70 -0.44	28.89 0.85 -0.63	30.98 1.24 -0.83	38.95 1.52 -0.35	44.75 1.56 -1.12	50.53 2.27 -0.05	47.71 2.23 0.00	45.62 2.09 0.00	41.17 1.81 0.00	36.03 1.49 0.00	31.78 1.37 0.00
JERICOHO_RISE_WT_PWR 323719	29.22 -0.30 0.00	25.78 -0.10 0.00	23.80 -0.10 0.00	22.14 -0.07 0.00	21.90 -0.09 0.00	24.16 -0.12 0.00	28.47 -0.09 0.00	31.12 0.00 0.00	29.52 -0.12 0.00	27.33 -0.05 0.00	26.57 -0.11 0.00	26.35 -0.11 0.00	26.98 0.00 0.00	26.73 -0.03 0.00	27.28 -0.14 0.00	28.74 -0.17 0.00	37.11 0.04 0.00	42.29 0.21 0.00	48.26 0.05 0.00	45.48 0.00 0.00	43.71 0.17 0.00	39.79 0.43 0.00	35.09 0.55 0.00	30.81 0.39 0.00
KATONAH__115KV_46KV_TB4 355592	31.70 2.18 0.00	27.65 1.76 0.00	25.52 1.62 0.00	23.76 1.55 0.00	23.52 1.54 0.00	25.96 1.68 0.00	30.36 1.80 0.00	33.33 2.21 0.00	31.87 2.22 0.00	31.64 1.97 -2.28	30.51 1.95 -1.90	29.89 1.90 -1.53	32.43 1.92 -3.54	36.13 2.01 -7.36	39.90 2.14 -10.35	44.30 2.23 -13.16	46.47 2.63 -6.76	63.64 2.90 -18.67	52.54 3.47 -0.86	48.43 2.96 0.00	46.19 2.66 0.00	41.84 2.48 0.00	36.55 2.00 0.00	32.04 1.61 -0.01
KCE_NY_1 323755	31.05 1.53 0.00	27.18 1.29 0.00	25.11 1.22 0.00	23.34 1.13 0.00	23.06 1.08 0.00	25.45 1.17 0.00	29.76 1.20 0.00	32.39 1.28 0.00	30.83 1.19 0.00	27.79 0.93 0.53	27.16 0.83 0.34	26.90 0.79 0.35	27.20 0.75 0.53	26.65 0.80 0.91	27.20 1.04 1.26	28.51 1.16 1.56	36.90 1.26 1.44	41.40 1.51 2.19	50.04 1.93 0.10	47.39 1.91 0.00	45.40 1.87 0.00	41.01 1.65 0.00	35.89 1.35 0.00	31.62 1.22 0.01
KCE_NY_6_ESR 323823	29.22 -0.30 0.00	25.60 -0.28 0.00	23.51 -0.38 0.00	21.87 -0.33 0.00	21.61 -0.37 0.00	23.82 -0.46 0.00	27.73 -0.83 0.00	29.75 -1.37 0.00	28.99 -0.65 0.00	26.87 -0.58 -0.05	26.48 -0.24 -0.05	26.18 -0.29 -0.02	26.52 -0.54 -0.08	26.41 -0.53 -0.19	26.96 -0.74 -0.28	28.58 -0.69 -0.37	36.13 -1.11 -0.16	40.70 -1.89 -0.52	46.35 -1.88 -0.02	43.93 -1.55 0.00	42.14 -1.39 0.00	37.82 -1.54 0.00	33.23 -1.31 0.00	29.96 -0.46 0.00
KEDC_PORT_JEFF_GT2 24210	42.28 2.81 -9.96	31.10 2.33 -2.89	26.18 2.27 -0.01	24.33 2.11 -0.01	24.13 2.13 -0.01	26.57 2.28 -0.01	30.97 2.40 -0.01	34.54 2.99 -0.43	32.76 3.03 -0.09	32.64 2.66 -2.60	35.40 2.51 -6.22	37.42 2.46 -8.51	39.61 2.56 -10.07	40.42 2.62 -11.04	42.91 2.85 -12.64	45.30 2.98 -13.41	62.48 3.37 -22.03	63.93 3.53 -18.33	53.16 4.10 -0.86	49.53 4.05 -0.01	47.33 3.79 -0.01	42.52 3.15 -0.01	37.55 2.62 -0.39	34.01 2.22 -1.38
KEDC_PORT_JEFF_GT3 24211	42.28 2.81 -9.96	31.10 2.33 -2.89	26.18 2.27 -0.01	24.33 2.11 -0.01	24.13 2.13 -0.01	26.57 2.28 -0.01	30.97 2.40 -0.01	34.54 2.99 -0.43	32.76 3.03 -0.09	32.64 2.66 -2.60	35.40 2.51 -6.22	37.42 2.46 -8.51	39.61 2.56 -10.07	40.42 2.62 -11.04	42.91 2.85 -12.64	45.30 2.98 -13.41	62.48 3.37 -22.03	63.93 3.53 -18.33	53.16 4.10 -0.86	49.53 4.05 -0.01	47.33 3.79 -0.01	42.52 3.15 -0.01	37.55 2.62 -0.39	34.01 2.22 -1.38
KEDC_GLWD_GT4 24219	49.19 2.48 -17.19	32.92 2.04 -4.98	25.85 1.93 -0.02	24.05 1.82 -0.02	23.82 1.82 -0.02	26.24 1.94 -0.02	30.69 2.11 -0.02	34.45 2.58 -0.75	32.27 2.61 -0.02	32.49 2.38 -2.72	38.38 2.29 -9.42	47.60 2.25 -18.90	47.62 2.18 -18.46	45.55 2.25 -16.54	46.84 2.36 -17.06	44.97 2.43 -13.63	52.23 2.78 -12.37	63.52 3.11 -18.33	52.64 3.57 -0.86	48.63 3.14 -0.02	46.34 2.79 -0.02	42.17 2.79 -0.02	37.53 2.31 -0.67	34.76 1.98 -2.37
KEDC_GLWD_GT5 24220	49.19 2.48 -17.19	32.92 2.04 -4.98	25.85 1.93 -0.02	24.05 1.82 -0.02	23.82 1.82 -0.02	26.24 1.94 -0.02	30.69 2.11 -0.02	34.45 2.58 -0.75	32.27 2.61 -0.02	32.49 2.38 -2.72	38.38 2.29 -9.42	47.60 2.25 -18.90	47.62 2.18 -18.46	45.55 2.25 -16.54	46.84 2.36 -17.06	44.97 2.43 -13.63	52.23 2.78 -12.37	63.52 3.11 -18.33	52.64 3.57 -0.86	48.63 3.14 -0.02	46.34 2.79 -0.02	42.17 2.79 -0.02	37.53 2.31 -0.67	34.76 1.98 -2.37
KENSICO____ 23655	31.64 2.12 0.00	27.62 1.73 0.00	25.52 1.62 0.00	23.74 1.53 0.00	23.50 1.52 0.00	25.93 1.65 0.00	30.36 1.80 0.00	33.33 2.21 0.00	31.90 2.25 0.00	31.73 2.05 -2.29	30.59 2.00 -1.92	33.18 1.96 -4.76	34.70 1.97 -5.75	37.99 2.06 -9.17	41.64 2.19 -12.03	44.44 2.25 -13.28	46.50 2.63 -6.79	63.78 2.90 -18.80	52.45 3.37 -0.87	48.34 2.87 0.00	46.10 2.57 0.00	41.76 2.40 0.00	36.51 1.97 0.00	32.04 1.61 -0.01
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.70 2.18 0.00	27.65 1.76 0.00	25.52 1.62 0.00	23.72 1.51 0.00	23.48 1.50 0.00	25.98 1.70 0.00	30.39 1.83 0.00	33.30 2.18 0.00	31.84 2.19 0.00	30.53 1.92 -1.22	29.47 1.81 -0.98	28.83 1.77 -0.60	30.41 1.78 -1.65	32.18 1.85 -3.58	34.47 1.97 -5.08	37.60 2.11 -6.58	43.34 2.67 -3.60	54.52 3.11 -9.33	52.35 3.71 -0.43	48.66 3.18 0.00	46.41 2.87 0.00	41.95 2.60 0.00	36.68 2.14 0.00	32.19 1.76 -0.01

KIAC_JFK_GT1 23816	31.81 2.30 0.00	27.70 1.81 0.00	25.62 1.72 0.00	23.78 1.58 0.00	23.55 1.56 0.00	26.00 1.72 0.00	30.50 1.94 0.00	33.58 2.46 0.00	32.16 2.52 0.00	32.03 2.38 -2.26	30.87 2.29 -1.90	36.34 2.09 -7.79	36.86 2.13 -7.76	39.66 2.22 -10.69	43.13 2.39 -13.33	44.35 2.43 -13.02	46.49 2.74 -6.67	63.60 3.11 -18.41	52.67 3.62 -0.85	48.48 3.00 0.00	46.23 2.70 0.00	41.84 2.48 0.00	36.68 2.14 0.00	32.16 1.73 -0.01
KIAC_JFK_GT2 23817	31.81 2.30 0.00	27.70 1.81 0.00	25.62 1.72 0.00	23.78 1.58 0.00	23.55 1.56 0.00	26.00 1.72 0.00	30.50 1.94 0.00	33.58 2.46 0.00	32.16 2.52 0.00	32.03 2.38 -2.26	30.87 2.29 -1.90	36.34 2.09 -7.79	36.86 2.13 -7.76	39.66 2.22 -10.69	43.13 2.39 -13.33	44.35 2.43 -13.02	46.49 2.74 -6.67	63.60 3.11 -18.41	52.67 3.62 -0.85	48.48 3.00 0.00	46.23 2.70 0.00	41.84 2.48 0.00	36.68 2.14 0.00	32.16 1.73 -0.01
KIAC_JFK____ 323774	31.82 2.30 0.00	27.70 1.81 0.00	25.59 1.70 0.00	23.81 1.60 0.00	23.55 1.56 0.00	25.95 1.67 0.00	30.47 1.91 0.00	33.57 2.46 0.00	32.16 2.52 0.00	32.03 2.38 -2.26	30.87 2.29 -1.90	36.34 2.09 -7.79	36.84 2.11 -7.76	39.64 2.19 -10.69	43.13 2.38 -13.33	44.38 2.46 -13.01	46.49 2.74 -6.67	63.55 3.11 -18.36	52.62 3.57 -0.85	48.48 3.00 0.00	46.19 2.66 0.00	41.84 2.48 0.00	36.68 2.14 0.00	32.16 1.73 -0.01
KINTIGH__24_KV_GSU 356498	28.69 -0.83 0.00	25.19 -0.70 0.00	23.16 -0.74 0.00	21.52 -0.69 0.00	21.26 -0.72 0.00	23.43 -0.85 0.00	27.36 -1.20 0.00	29.38 -1.74 0.00	28.58 -1.07 0.00	26.38 -1.01 0.00	25.95 -0.72 0.00	25.72 -0.74 0.00	25.98 -1.00 0.00	25.79 -0.96 0.00	26.46 -1.18 -0.22	28.01 -1.19 -0.29	35.43 -1.78 -0.13	40.05 -2.44 -0.42	45.67 -2.56 -0.02	43.30 -2.18 0.00	41.58 -1.96 0.00	37.35 -2.01 0.00	32.74 -1.80 0.00	29.50 -0.91 0.00
KINTIGH____ 23543	28.69 -0.83 0.00	25.11 -0.78 0.00	23.16 -0.74 0.00	21.50 -0.71 0.00	21.26 -0.73 0.00	23.43 -0.85 0.00	27.05 -1.51 0.00	29.37 -1.74 0.00	28.58 -1.07 0.00	26.38 -1.01 0.00	25.90 -0.77 0.00	25.66 -0.79 0.00	25.95 -1.03 0.00	25.71 -1.04 0.00	26.27 -1.15 0.00	27.81 -1.10 0.00	35.43 -1.78 -0.13	40.06 -2.44 -0.42	45.38 -2.84 -0.02	43.30 -2.18 0.00	41.58 -1.96 0.00	37.35 -2.01 0.00	32.64 -1.90 0.00	29.50 -0.91 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	29.78 0.27 0.00	26.38 0.49 0.00	24.28 0.38 0.00	22.61 0.40 0.00	22.38 0.40 0.00	24.57 0.29 0.00	28.93 0.37 0.00	31.65 0.53 0.00	30.03 0.39 0.00	27.74 0.36 0.00	26.91 0.24 0.00	26.72 0.26 0.00	27.38 0.40 0.00	27.18 0.43 0.00	27.72 0.30 0.00	29.23 0.32 0.00	37.82 0.74 0.00	43.04 0.97 0.00	49.12 0.92 0.00	46.25 0.77 0.00	44.54 1.00 0.00	40.66 1.30 0.00	35.85 1.31 0.00	31.42 1.00 0.00
LACHUTE____HYDRO 323717	32.93 3.42 0.00	28.79 2.90 0.00	26.53 2.63 0.00	24.61 2.40 0.00	24.25 2.26 0.00	26.81 2.53 0.00	31.30 2.74 0.00	33.92 2.80 0.00	32.19 2.55 0.00	28.83 1.94 0.51	28.13 1.79 0.32	28.06 1.77 0.17	28.20 1.62 0.40	27.56 1.61 0.80	28.40 2.14 1.16	29.81 2.43 1.53	38.59 2.89 1.38	43.58 3.66 2.15	52.84 4.73 0.10	50.30 4.82 0.00	48.32 4.79 0.00	43.61 4.25 0.00	38.10 3.56 0.00	33.72 3.32 0.01
LAWRNCV_115KV_TB1 80681	29.07 -0.44 0.00	25.76 -0.13 0.00	23.73 -0.17 0.00	22.05 -0.16 0.00	21.85 -0.13 0.00	24.06 -0.22 0.00	28.44 -0.11 0.00	31.05 -0.06 0.00	29.38 -0.27 0.00	27.17 -0.22 0.00	26.38 -0.29 0.00	26.22 -0.24 0.00	26.81 -0.16 0.00	26.54 -0.21 0.00	27.06 -0.36 0.00	28.56 -0.35 0.00	36.89 -0.19 0.00	41.65 -0.42 0.00	47.49 -0.72 0.00	44.75 -0.73 0.00	43.62 0.09 0.00	39.67 0.31 0.00	35.20 0.66 0.00	30.90 0.49 0.00
LEDERLE____ 23769	31.61 2.10 0.00	27.57 1.68 0.00	25.47 1.58 0.00	23.69 1.49 0.00	23.46 1.47 0.00	25.91 1.63 0.00	30.30 1.74 0.00	33.30 2.18 0.00	31.84 2.19 0.00	31.47 2.00 -2.08	30.36 1.95 -1.74	31.57 1.90 -3.21	33.34 1.92 -4.45	36.43 1.98 -7.69	39.85 2.11 -10.32	43.12 2.23 -11.99	45.92 2.67 -6.17	62.04 2.99 -16.98	52.46 3.47 -0.78	48.43 2.96 0.00	46.19 2.66 0.00	41.80 2.44 0.00	36.55 2.00 0.00	32.04 1.61 -0.01
LIGHTHSE_115KV_TB6 355974	29.28 -0.24 0.00	25.73 -0.16 0.00	23.71 -0.19 0.00	22.01 -0.20 0.00	21.81 -0.18 0.00	24.09 -0.19 0.00	28.19 -0.37 0.00	30.59 -0.53 0.00	29.14 -0.50 0.00	26.84 -0.55 0.00	26.19 -0.48 0.00	25.95 -0.50 0.00	26.36 -0.62 0.00	26.09 -0.67 0.00	26.81 -0.60 0.00	28.36 -0.55 0.00	36.30 -0.78 0.00	41.11 -0.97 0.00	47.34 -0.87 0.00	44.84 -0.64 0.00	43.01 -0.52 0.00	38.84 -0.51 0.00	34.13 -0.41 0.00	30.02 -0.40 0.00
LINDEN COGEN____ 23786	31.70 2.18 0.00	27.62 1.73 0.00	25.54 1.65 0.00	23.76 1.55 0.00	23.55 1.56 0.00	25.91 1.63 0.00	30.33 1.77 0.00	33.39 2.27 0.00	31.98 2.34 0.00	31.81 2.16 -2.26	30.68 2.11 -1.90	36.37 2.12 -7.79	36.86 2.13 -7.76	39.64 2.19 -10.69	43.10 2.36 -13.33	44.32 2.40 -13.01	46.49 2.74 -6.67	63.47 3.03 -18.36	52.53 3.47 -0.85	48.43 2.95 0.00	46.10 2.57 0.00	41.84 2.48 0.00	36.51 1.97 0.00	32.04 1.61 -0.01
LINDHRST_69_KV_BK1 356055	43.56 2.92 -11.13	31.55 2.43 -3.23	26.23 2.32 -0.01	24.39 2.18 -0.01	24.17 2.18 -0.01	26.65 2.36 -0.01	31.14 2.57 -0.01	34.68 3.08 -0.48	32.68 3.02 -0.02	32.63 2.68 -2.56	36.02 2.61 -6.74	39.23 2.59 -10.18	41.10 2.70 -11.43	41.35 2.73 -11.87	43.62 2.85 -13.36	45.24 2.95 -13.39	51.70 3.37 -11.25	64.32 3.87 -18.37	53.60 4.53 -0.86	49.63 4.14 -0.01	47.33 3.79 -0.01	42.63 3.27 -0.01	37.81 2.83 -0.43	34.39 2.43 -1.54
LIPA_MISC_IPP 23656	42.01 2.57 -9.93	30.86 2.10 -2.88	25.99 2.08 -0.01	24.19 1.98 -0.01	23.97 1.98 -0.01	26.43 2.14 -0.01	30.77 2.20 -0.01	34.32 2.77 -0.43	32.60 2.88 -0.08	32.49 2.52 -2.58	35.15 2.27 -6.21	37.19 2.28 -8.46	39.41 2.40 -10.03	40.22 2.46 -11.00	42.59 2.55 -12.62	44.97 2.66 -13.40	60.25 3.00 -20.17	63.85 3.41 -18.37	53.02 3.95 -0.86	49.13 3.64 -0.01	46.85 3.31 -0.01	42.12 2.75 -0.01	37.24 2.31 -0.39	33.71 1.92 -1.38
LISF____SOLAR 323691	42.05 2.60 -9.94	30.92 2.15 -2.88	26.03 2.13 -0.01	24.21 2.00 -0.01	24.02 2.02 -0.01	26.45 2.16 -0.01	30.77 2.20 -0.01	34.35 2.80 -0.43	32.66 2.94 -0.08	32.55 2.57 -2.59	35.18 2.29 -6.21	37.18 2.25 -8.47	39.37 2.35 -10.05	40.15 2.38 -11.01	42.65 2.61 -12.63	45.00 2.69 -13.40	60.44 3.04 -20.32	63.89 3.49 -18.32	53.06 4.00 -0.86	49.17 3.68 -0.01	47.03 3.48 -0.01	42.20 2.84 -0.01	37.28 2.35 -0.39	33.77 1.98 -1.38
LITTLE FALLS____HYD 24013	29.34 -0.18 0.00	25.73 -0.16 0.00	23.78 -0.12 0.00	22.10 -0.11 0.00	21.90 -0.09 0.00	24.21 -0.07 0.00	28.47 -0.09 0.00	31.02 -0.09 0.00	29.55 -0.09 0.00	27.25 -0.14 0.00	26.54 -0.13 0.00	26.32 -0.13 0.00	26.76 -0.22 0.00	26.54 -0.21 0.00	27.25 -0.16 0.00	28.79 -0.12 0.00	36.89 -0.19 0.00	41.82 -0.25 0.00	48.02 -0.19 0.00	45.30 -0.18 0.00	43.32 -0.22 0.00	39.12 -0.24 0.00	34.27 -0.28 0.00	30.11 -0.30 0.00

LITTLRIV_115KV_TB1 356100	29.45 -0.06 0.00	26.09 0.21 0.00	24.06 0.17 0.00	22.32 0.11 0.00	22.14 0.15 0.00	24.38 0.10 0.00	28.82 0.26 0.00	31.46 0.34 0.00	29.67 0.03 0.00	27.39 0.00 0.00	26.59 -0.08 0.00	26.43 -0.03 0.00	27.00 0.03 0.00	26.70 -0.05 0.00	27.25 -0.16 0.00	28.79 -0.12 0.00	37.26 0.19 0.00	42.12 0.04 0.00	48.21 0.00 0.00	45.48 0.00 0.00	44.14 0.61 0.00	40.18 0.83 0.00	35.61 1.07 0.00	31.24 0.82 0.00
LI_NEWBRDGE___DRP 323616	41.05 2.30 -9.24	30.48 1.92 -2.68	25.75 1.84 -0.01	23.95 1.73 -0.01	23.73 1.74 -0.01	26.18 1.89 -0.01	30.60 2.03 -0.01	33.98 2.46 -0.40	32.08 2.43 -0.01	32.05 2.16 -2.49	34.63 2.05 -5.90	35.96 2.04 -7.46	38.31 2.10 -9.23	39.32 2.17 -10.40	41.92 2.30 -12.20	44.55 2.34 -13.30	49.47 2.67 -9.73	63.48 3.03 -18.37	52.58 3.52 -0.86	48.67 3.18 -0.01	46.42 2.87 -0.01	41.84 2.48 -0.01	37.01 2.11 -0.36	33.49 1.79 -1.28
LOCKPORT_115KV_TB60_63_64 80432	28.83 -0.68 0.00	25.24 -0.65 0.00	23.28 -0.62 0.00	21.63 -0.58 0.00	21.37 -0.62 0.00	23.55 -0.73 0.00	26.90 -1.66 0.00	29.16 -1.96 0.00	28.46 -1.19 0.00	26.34 -1.10 -0.05	25.89 -0.83 -0.04	25.62 -0.85 -0.01	25.94 -1.11 -0.07	25.80 -1.12 -0.17	26.40 -1.26 -0.24	28.05 -1.19 -0.32	35.29 -1.93 -0.15	39.76 -2.78 -0.46	45.00 -3.23 -0.02	43.02 -2.46 0.00	41.31 -2.22 0.00	37.11 -2.24 0.00	32.47 -2.07 0.00	29.53 -0.88 0.00
LOCKPORT___CC1 323769	28.80 -0.71 0.00	25.29 -0.59 0.00	23.25 -0.64 0.00	21.63 -0.58 0.00	21.35 -0.64 0.00	23.53 -0.75 0.00	27.27 -1.28 0.00	29.16 -1.96 0.00	28.46 -1.19 0.00	26.34 -1.10 -0.05	25.97 -0.75 -0.04	25.70 -0.77 -0.01	26.00 -1.05 -0.07	25.91 -1.02 -0.17	26.38 -1.29 -0.25	27.94 -1.30 -0.33	35.29 -1.93 -0.15	39.81 -2.73 -0.47	45.34 -2.89 -0.02	43.02 -2.46 0.00	41.36 -2.18 0.00	37.11 -2.24 0.00	32.57 -1.97 0.00	29.53 -0.88 0.00
LOCKPORT___CC2 323770	28.80 -0.71 0.00	25.29 -0.59 0.00	23.25 -0.64 0.00	21.63 -0.58 0.00	21.35 -0.64 0.00	23.53 -0.75 0.00	27.27 -1.28 0.00	29.16 -1.96 0.00	28.46 -1.19 0.00	26.34 -1.10 -0.05	25.97 -0.75 -0.04	25.70 -0.77 -0.01	26.00 -1.05 -0.07	25.91 -1.02 -0.17	26.38 -1.29 -0.25	27.94 -1.30 -0.33	35.29 -1.93 -0.15	39.81 -2.73 -0.47	45.34 -2.89 -0.02	43.02 -2.46 0.00	41.36 -2.18 0.00	37.11 -2.24 0.00	32.57 -1.97 0.00	29.53 -0.88 0.00
LOCKPORT___CC3 323771	28.80 -0.71 0.00	25.29 -0.59 0.00	23.25 -0.64 0.00	21.63 -0.58 0.00	21.35 -0.64 0.00	23.53 -0.75 0.00	27.27 -1.28 0.00	29.16 -1.96 0.00	28.46 -1.19 0.00	26.34 -1.10 -0.05	25.97 -0.75 -0.04	25.70 -0.77 -0.01	26.00 -1.05 -0.07	25.91 -1.02 -0.17	26.38 -1.29 -0.25	27.94 -1.30 -0.33	35.29 -1.93 -0.15	39.81 -2.73 -0.47	45.34 -2.89 -0.02	43.02 -2.46 0.00	41.36 -2.18 0.00	37.11 -2.24 0.00	32.57 -1.97 0.00	29.53 -0.88 0.00
LOCUSVLY_69_KV_BK2 55797	47.36 2.60 -15.25	32.51 2.20 -4.42	25.99 2.08 -0.02	24.15 1.93 -0.02	23.93 1.93 -0.01	26.38 2.09 -0.02	30.86 2.28 -0.02	34.52 2.74 -0.66	32.39 2.73 -0.02	32.55 2.49 -2.67	37.60 2.37 -8.56	44.88 2.33 -16.10	45.55 2.37 -16.20	44.28 2.49 -15.04	45.87 2.58 -15.87	45.12 2.66 -13.55	51.95 3.15 -11.72	63.90 3.45 -18.38	53.07 4.00 -0.86	48.99 3.50 -0.01	46.73 3.18 -0.01	42.28 2.91 -0.01	37.62 2.49 -0.60	34.65 2.13 -2.10
LONG_LAKE_PHOENIX 24014	29.01 -0.50 0.00	25.42 -0.47 0.00	23.44 -0.45 0.00	21.78 -0.42 0.00	21.55 -0.44 0.00	23.79 -0.49 0.00	27.90 -0.66 0.00	30.28 -0.84 0.00	28.90 -0.74 0.00	26.68 -0.71 0.00	26.01 -0.67 0.00	25.77 -0.69 0.00	26.22 -0.76 0.00	26.01 -0.75 0.00	26.70 -0.71 0.00	28.21 -0.69 0.00	36.07 -1.00 0.00	40.81 -1.26 0.00	46.81 -1.40 0.00	44.30 -1.18 0.00	42.40 -1.13 0.00	38.25 -1.10 0.00	33.54 -1.00 0.00	29.59 -0.82 0.00
LOVETT___3 23632	31.49 1.98 0.00	27.47 1.58 0.00	25.38 1.48 0.00	23.61 1.40 0.00	23.39 1.41 0.00	25.81 1.53 0.00	30.19 1.63 0.00	33.14 2.02 0.00	31.72 2.07 0.00	31.41 1.89 -2.14	30.30 1.84 -1.78	31.66 1.80 -3.41	33.43 1.81 -4.65	36.59 2.00 -7.96	40.08 2.08 -10.66	43.31 2.08 -12.33	45.85 2.45 -6.33	62.27 2.73 -17.46	52.20 3.18 -0.81	48.16 2.68 0.00	45.93 2.39 0.00	41.56 2.20 0.00	36.37 1.83 0.00	31.89 1.46 -0.01
LOVETT___4 23642	31.49 1.98 0.00	27.47 1.58 0.00	25.38 1.48 0.00	23.61 1.40 0.00	23.39 1.41 0.00	25.81 1.53 0.00	30.19 1.63 0.00	33.14 2.02 0.00	31.72 2.07 0.00	31.41 1.89 -2.14	30.30 1.84 -1.78	31.66 1.80 -3.41	33.43 1.81 -4.65	36.59 2.00 -7.96	40.08 2.08 -10.66	43.31 2.08 -12.33	45.85 2.45 -6.33	62.27 2.73 -17.46	52.20 3.18 -0.81	48.16 2.68 0.00	45.93 2.39 0.00	41.56 2.20 0.00	36.37 1.83 0.00	31.89 1.46 -0.01
LOVETT___5 23593	31.49 1.98 0.00	27.47 1.58 0.00	25.38 1.48 0.00	23.61 1.40 0.00	23.39 1.41 0.00	25.81 1.53 0.00	30.19 1.63 0.00	33.14 2.02 0.00	31.72 2.07 0.00	31.41 1.89 -2.14	30.30 1.84 -1.78	31.66 1.80 -3.41	33.43 1.81 -4.65	36.59 2.00 -7.96	40.08 2.08 -10.66	43.31 2.08 -12.33	45.85 2.45 -6.33	62.27 2.73 -17.46	52.20 3.18 -0.81	48.16 2.68 0.00	45.93 2.39 0.00	41.56 2.20 0.00	36.37 1.83 0.00	31.89 1.46 -0.01
LOWER RAQUET___HYD 24057	29.04 -0.47 0.00	25.73 -0.15 0.00	23.73 -0.17 0.00	22.03 -0.18 0.00	21.83 -0.15 0.00	24.04 -0.24 0.00	28.42 -0.14 0.00	31.02 -0.09 0.00	29.35 -0.30 0.00	27.11 -0.27 0.00	26.32 -0.35 0.00	26.14 -0.32 0.00	26.73 -0.24 0.00	26.46 -0.29 0.00	27.01 -0.41 0.00	28.50 -0.40 0.00	36.82 -0.26 0.00	41.44 -0.63 0.00	47.24 -0.96 0.00	44.52 -0.96 0.00	43.58 0.04 0.00	39.67 0.31 0.00	35.23 0.69 0.00	30.93 0.52 0.00
LOWER___HUDSON 24059	30.55 1.03 0.00	26.77 0.88 0.00	24.76 0.86 0.00	23.00 0.80 0.00	22.78 0.79 0.00	25.13 0.85 0.00	29.36 0.80 0.00	32.05 0.93 0.00	30.53 0.89 0.00	27.47 0.71 0.63	26.92 0.64 0.39	26.69 0.63 0.40	27.01 0.62 0.58	26.44 0.67 0.99	26.93 0.88 1.37	28.15 0.92 1.69	36.29 0.93 1.71	40.76 1.05 2.37	49.40 1.30 0.11	46.71 1.23 0.00	44.71 1.18 0.00	40.38 1.02 0.00	35.30 0.76 0.00	31.04 0.64 0.01
LOWVILLE_115KV_TB2 356335	29.72 0.21 0.00	26.40 0.52 0.00	24.33 0.43 0.00	22.52 0.31 0.00	22.38 0.40 0.00	24.72 0.44 0.00	28.99 0.43 0.00	31.55 0.44 0.00	29.91 0.27 0.00	27.47 0.08 0.00	26.75 0.08 0.00	26.51 0.05 0.00	26.87 -0.11 0.00	26.57 -0.19 0.00	27.31 -0.11 0.00	28.99 0.09 0.00	37.26 0.19 0.00	42.28 0.21 0.00	48.84 0.63 0.00	46.21 0.73 0.00	44.45 0.91 0.00	40.26 0.91 0.00	35.41 0.86 0.00	31.05 0.64 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	31.05 1.53 0.00	27.18 1.29 0.00	25.12 1.22 0.00	23.32 1.11 0.00	23.06 1.08 0.00	25.42 1.14 0.00	29.79 1.23 0.00	32.39 1.28 0.00	30.83 1.19 0.00	27.77 0.90 0.53	27.16 0.83 0.34	26.90 0.79 0.35	27.21 0.76 0.53	26.65 0.80 0.91	27.17 1.01 1.26	28.48 1.13 1.55	36.88 1.26 1.46	41.34 1.47 2.21	50.03 1.93 0.10	47.39 1.91 0.00	45.36 1.83 0.00	41.01 1.65 0.00	35.89 1.35 0.00	31.62 1.22 0.01

LUTHERNY_35_KV_BK2 355980	31.05 1.53 0.00	27.21 1.32 0.00	25.12 1.22 0.00	23.34 1.13 0.00	23.06 1.08 0.00	25.45 1.17 0.00	29.79 1.23 0.00	32.39 1.28 0.00	30.83 1.19 0.00	27.79 0.93 0.53	27.19 0.85 0.34	26.90 0.79 0.35	27.23 0.78 0.53	26.65 0.80 0.91	27.17 1.01 1.26	28.51 1.16 1.55	36.88 1.26 1.46	41.38 1.51 2.21	50.08 1.98 0.10	47.39 1.91 0.00	45.41 1.87 0.00	41.01 1.65 0.00	35.89 1.35 0.00	31.62 1.22 0.01
LWR___OSWEGATCHIE_HYD 23850	29.39 -0.12 0.00	26.04 0.16 0.00	23.99 0.10 0.00	22.23 0.02 0.00	22.07 0.09 0.00	24.33 0.05 0.00	28.59 0.03 0.00	31.18 0.06 0.00	29.49 -0.15 0.00	27.14 -0.25 0.00	26.41 -0.27 0.00	26.19 -0.26 0.00	26.60 -0.38 0.00	26.30 -0.45 0.00	26.98 -0.44 0.00	28.62 -0.29 0.00	36.85 -0.22 0.00	41.70 -0.38 0.00	48.02 -0.19 0.00	45.39 -0.09 0.00	43.84 0.30 0.00	39.83 0.47 0.00	35.20 0.66 0.00	30.90 0.49 0.00
LYONS_FALL_HYD 23570	29.87 0.36 0.00	26.40 0.52 0.00	24.35 0.45 0.00	22.56 0.35 0.00	22.40 0.42 0.00	24.74 0.46 0.00	29.04 0.49 0.00	31.61 0.50 0.00	30.03 0.38 0.00	27.61 0.22 0.00	26.88 0.21 0.00	26.64 0.19 0.00	27.00 0.03 0.00	26.73 -0.03 0.00	27.47 0.05 0.00	29.17 0.26 0.00	37.45 0.37 0.00	42.45 0.38 0.00	48.98 0.77 0.00	46.30 0.82 0.00	44.45 0.92 0.00	40.22 0.86 0.00	35.34 0.80 0.00	31.02 0.61 0.00
MADISON___COUNTY_LFGE 323628	30.31 0.80 0.00	26.61 0.72 0.00	24.54 0.65 0.00	22.74 0.53 0.00	22.56 0.57 0.00	24.91 0.63 0.00	29.24 0.69 0.00	31.83 0.72 0.00	30.32 0.68 0.00	27.88 0.49 0.00	27.18 0.51 0.00	26.93 0.48 0.00	27.30 0.32 0.00	27.05 0.29 0.00	27.83 0.41 0.00	29.51 0.61 0.00	37.82 0.74 0.00	42.83 0.76 0.00	49.37 1.16 0.00	46.66 1.18 0.00	44.67 1.13 0.00	40.38 1.02 0.00	35.37 0.83 0.00	31.11 0.70 0.00
MALONE___115KV_TB1 356076	29.66 0.15 0.00	26.25 0.36 0.00	24.18 0.29 0.00	22.52 0.31 0.00	22.27 0.29 0.00	24.50 0.22 0.00	28.93 0.37 0.00	31.61 0.50 0.00	30.03 0.39 0.00	27.77 0.38 0.00	26.97 0.29 0.00	26.80 0.34 0.00	27.43 0.46 0.00	27.21 0.45 0.00	27.75 0.33 0.00	29.25 0.35 0.00	37.82 0.74 0.00	43.04 0.97 0.00	49.17 0.96 0.00	46.30 0.82 0.00	44.27 0.74 0.00	40.30 0.94 0.00	35.54 1.00 0.00	31.17 0.76 0.00
MAPLEWOD_115KV_TB3 80458	30.37 0.86 0.00	26.61 0.72 0.00	24.61 0.72 0.00	22.85 0.64 0.00	22.62 0.64 0.00	24.96 0.68 0.00	29.22 0.66 0.00	31.83 0.72 0.00	30.29 0.65 0.00	27.43 0.58 0.54	26.91 0.59 0.35	26.64 0.56 0.37	26.99 0.57 0.55	26.41 0.62 0.96	26.85 0.77 1.33	28.08 0.81 1.64	36.33 0.74 1.48	40.55 0.80 2.32	49.11 1.01 0.11	46.39 0.91 0.00	44.36 0.83 0.00	40.10 0.75 0.00	35.13 0.59 0.00	30.86 0.46 0.01
MAPLE RIDGE_WT_1 323574	29.28 -0.24 0.00	25.71 -0.18 0.00	23.75 -0.14 0.00	22.07 -0.13 0.00	21.85 -0.13 0.00	24.16 -0.12 0.00	28.45 -0.11 0.00	31.05 -0.06 0.00	29.55 -0.09 0.00	27.33 -0.05 0.00	26.59 -0.08 0.00	26.38 -0.08 0.00	26.92 -0.05 0.00	26.70 -0.05 0.00	27.33 -0.08 0.00	28.82 -0.09 0.00	37.00 -0.07 0.00	42.03 -0.04 0.00	48.11 -0.10 0.00	45.34 -0.14 0.00	43.40 -0.13 0.00	39.28 -0.08 0.00	34.51 -0.03 0.00	30.35 -0.06 0.00
MAPLE RIDGE_WT_2 323611	29.28 -0.24 0.00	25.71 -0.18 0.00	23.75 -0.14 0.00	22.07 -0.13 0.00	21.85 -0.13 0.00	24.16 -0.12 0.00	28.45 -0.11 0.00	31.05 -0.06 0.00	29.55 -0.09 0.00	27.33 -0.05 0.00	26.59 -0.08 0.00	26.38 -0.08 0.00	26.92 -0.05 0.00	26.70 -0.05 0.00	27.33 -0.08 0.00	28.82 -0.09 0.00	37.00 -0.07 0.00	42.03 -0.04 0.00	48.11 -0.10 0.00	45.34 -0.14 0.00	43.40 -0.13 0.00	39.28 -0.08 0.00	34.51 -0.03 0.00	30.35 -0.06 0.00
MARBLE_RIVER_WT_PWR 323696	29.25 -0.27 0.00	25.81 -0.08 0.00	23.83 -0.07 0.00	22.16 -0.04 0.00	21.94 -0.04 0.00	24.18 -0.10 0.00	28.47 -0.09 0.00	31.15 0.03 0.00	29.55 -0.09 0.00	27.36 -0.03 0.00	26.57 -0.11 0.00	26.35 -0.11 0.00	27.00 0.03 0.00	26.76 0.00 0.00	27.31 -0.11 0.00	28.76 -0.14 0.00	37.15 0.07 0.00	42.29 0.21 0.00	48.21 0.00 0.00	45.43 -0.05 0.00	43.71 0.17 0.00	39.83 0.47 0.00	35.09 0.55 0.00	30.84 0.43 0.00
MARSHVLE_115KV_TB1 80742	31.52 2.01 0.00	27.54 1.66 0.00	25.40 1.51 0.00	23.58 1.38 0.00	23.35 1.36 0.00	25.86 1.58 0.00	30.19 1.63 0.00	32.74 1.62 0.00	31.09 1.45 0.00	28.11 1.04 0.32	27.40 0.93 0.21	27.01 0.66 0.11	27.26 0.54 0.26	26.77 0.54 0.52	27.40 0.74 0.75	28.81 0.90 1.00	37.30 1.11 0.88	42.11 1.47 1.43	50.55 2.41 0.07	48.34 2.87 0.00	46.45 2.92 0.00	41.95 2.60 0.00	36.68 2.14 0.00	32.20 1.79 0.01
MARSH_HILL_WT_PWR 323713	29.96 0.44 0.00	26.22 0.34 0.00	24.09 0.19 0.00	22.43 0.22 0.00	22.18 0.20 0.00	24.47 0.19 0.00	28.62 0.06 0.00	30.84 -0.28 0.00	29.67 0.03 0.00	27.40 -0.05 -0.07	26.84 0.11 -0.06	26.50 0.03 -0.02	26.89 -0.19 -0.11	26.82 -0.19 -0.25	27.54 -0.25 -0.37	29.36 -0.03 -0.48	37.06 -0.22 -0.21	41.93 -0.80 -0.66	47.80 -0.43 -0.03	45.48 0.00 0.00	43.62 0.09 0.00	39.24 -0.12 0.00	34.40 -0.14 0.00	30.72 0.30 0.00
MCINTYRE_115KV_TB2 80467	29.66 0.15 0.00	26.28 0.39 0.00	24.23 0.33 0.00	22.47 0.27 0.00	22.29 0.31 0.00	24.55 0.27 0.00	29.02 0.46 0.00	31.61 0.50 0.00	29.82 0.18 0.00	27.53 0.14 0.00	26.70 0.03 0.00	26.54 0.08 0.00	27.14 0.16 0.00	26.86 0.11 0.00	27.39 -0.03 0.00	28.91 0.00 0.00	37.48 0.41 0.00	42.62 0.55 0.00	48.98 0.77 0.00	46.21 0.73 0.00	44.49 0.96 0.00	40.42 1.06 0.00	35.79 1.24 0.00	31.39 0.97 0.00
MECO_____69_KV_BK1 80468	31.84 2.33 0.00	27.83 1.94 0.00	25.66 1.77 0.00	23.85 1.64 0.00	23.57 1.58 0.00	26.13 1.85 0.00	30.56 2.00 0.00	33.14 2.02 0.00	31.51 1.87 0.00	28.39 1.37 0.36	27.69 1.25 0.24	27.39 1.06 0.12	27.62 0.94 0.30	27.08 0.94 0.62	27.77 1.23 0.88	29.15 1.42 1.17	37.80 1.74 1.02	42.63 2.23 1.68	51.26 3.13 0.08	48.84 3.37 0.00	46.93 3.40 0.00	42.35 2.99 0.00	37.03 2.49 0.00	32.51 2.10 0.01
MENANDS___115KV_TB5 355628	30.19 0.68 0.00	26.48 0.60 0.00	24.49 0.60 0.00	22.74 0.53 0.00	22.51 0.53 0.00	24.84 0.56 0.00	29.07 0.51 0.00	31.68 0.56 0.00	30.12 0.47 0.00	27.29 0.44 0.54	26.81 0.48 0.35	26.56 0.48 0.37	26.88 0.46 0.55	26.30 0.51 0.97	26.77 0.69 1.33	27.93 0.66 1.64	36.18 0.59 1.49	40.33 0.59 2.33	48.82 0.72 0.11	46.07 0.59 0.00	44.06 0.52 0.00	39.83 0.47 0.00	34.89 0.35 0.00	30.65 0.24 0.01
MG INDUSTRY___DRP 24185	30.25 0.74 0.00	26.51 0.62 0.00	24.52 0.62 0.00	22.78 0.58 0.00	22.53 0.55 0.00	24.86 0.58 0.00	29.10 0.54 0.00	31.65 0.53 0.00	30.09 0.44 0.00	27.45 0.36 0.30	26.82 0.35 0.20	26.65 0.29 0.10	27.01 0.30 0.26	26.56 0.35 0.54	27.11 0.47 0.78	28.34 0.46 1.03	36.62 0.37 0.83	40.98 0.38 1.47	48.72 0.58 0.07	46.02 0.55 0.00	44.06 0.52 0.00	39.83 0.47 0.00	34.92 0.38 0.00	30.71 0.30 0.01

MID___OSWEGATCHIE_HYD 23849	29.39 -0.12 0.00	26.04 0.16 0.00	23.99 0.10 0.00	22.23 0.02 0.00	22.07 0.09 0.00	24.33 0.05 0.00	28.59 0.03 0.00	31.18 0.06 0.00	29.49 -0.15 0.00	27.14 -0.25 0.00	26.41 -0.27 0.00	26.19 -0.26 0.00	26.60 -0.38 0.00	26.30 -0.45 0.00	26.98 -0.44 0.00	28.62 -0.29 0.00	36.85 -0.22 0.00	41.70 -0.38 0.00	48.02 -0.19 0.00	45.39 -0.09 0.00	43.84 0.30 0.00	39.83 0.47 0.00	35.20 0.66 0.00	30.90 0.49 0.00
MID___RAQUETTE_HYD 23851	29.04 -0.47 0.00	25.73 -0.16 0.00	23.73 -0.17 0.00	22.03 -0.18 0.00	21.83 -0.15 0.00	24.04 -0.24 0.00	28.42 -0.14 0.00	31.02 -0.09 0.00	29.35 -0.30 0.00	27.11 -0.27 0.00	26.33 -0.35 0.00	26.17 -0.29 0.00	26.76 -0.22 0.00	26.46 -0.29 0.00	27.01 -0.41 0.00	28.50 -0.40 0.00	36.82 -0.26 0.00	41.44 -0.63 0.00	47.24 -0.96 0.00	44.52 -0.96 0.00	43.58 0.04 0.00	39.67 0.31 0.00	35.23 0.69 0.00	30.93 0.52 0.00
MILLIKEN___1 23584	30.10 0.59 0.00	26.38 0.49 0.00	24.30 0.41 0.00	22.58 0.38 0.00	22.36 0.37 0.00	24.67 0.39 0.00	28.90 0.34 0.00	31.46 0.34 0.00	30.03 0.39 0.00	27.71 0.25 -0.07	26.98 0.24 -0.06	26.66 0.19 -0.02	27.16 0.08 -0.11	27.09 0.08 -0.26	27.98 0.19 -0.37	29.74 0.35 -0.49	37.69 0.41 -0.20	42.97 0.25 -0.64	48.77 0.53 -0.03	46.16 0.68 0.00	44.19 0.65 0.00	39.87 0.51 0.00	34.92 0.38 0.00	30.84 0.43 0.00
MILLIKEN___2 23585	30.10 0.59 0.00	26.38 0.49 0.00	24.30 0.41 0.00	22.58 0.38 0.00	22.36 0.37 0.00	24.67 0.39 0.00	28.90 0.34 0.00	31.46 0.34 0.00	30.03 0.39 0.00	27.71 0.25 -0.07	26.98 0.24 -0.06	26.66 0.19 -0.02	27.16 0.08 -0.11	27.09 0.08 -0.26	27.98 0.19 -0.37	29.74 0.35 -0.49	37.69 0.41 -0.20	42.97 0.25 -0.64	48.77 0.53 -0.03	46.16 0.68 0.00	44.19 0.65 0.00	39.87 0.51 0.00	34.92 0.38 0.00	30.84 0.43 0.00
MILLIKEN___DIESEL 23629	30.10 0.59 0.00	26.38 0.49 0.00	24.30 0.41 0.00	22.58 0.38 0.00	22.36 0.37 0.00	24.67 0.39 0.00	28.90 0.34 0.00	31.46 0.34 0.00	30.03 0.39 0.00	27.71 0.25 -0.07	26.98 0.24 -0.06	26.66 0.19 -0.02	27.16 0.08 -0.11	27.09 0.08 -0.26	27.98 0.19 -0.37	29.74 0.35 -0.49	37.69 0.41 -0.20	42.97 0.25 -0.64	48.77 0.53 -0.03	46.16 0.68 0.00	44.19 0.65 0.00	39.87 0.51 0.00	34.92 0.38 0.00	30.84 0.43 0.00
MILLSEAT___LFGE 323607	29.31 -0.21 0.00	25.78 -0.10 0.00	23.68 -0.22 0.00	21.98 -0.22 0.00	21.72 -0.26 0.00	23.92 -0.36 0.00	27.76 -0.80 0.00	29.87 -1.25 0.00	29.08 -0.56 0.00	26.83 -0.60 -0.05	26.42 -0.29 -0.04	26.15 -0.32 -0.01	26.40 -0.65 -0.07	26.30 -0.61 -0.16	26.86 -0.80 -0.24	28.50 -0.72 -0.31	36.07 -1.15 -0.14	40.67 -1.85 -0.44	46.45 -1.78 -0.02	44.12 -1.36 0.00	42.40 -1.13 0.00	38.06 -1.30 0.00	33.37 -1.17 0.00	30.14 -0.27 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.58 2.07 0.00	27.57 1.68 0.00	25.47 1.58 0.00	23.69 1.49 0.00	23.46 1.47 0.00	25.88 1.60 0.00	30.27 1.71 0.00	33.23 2.12 0.00	31.81 2.16 0.00	31.67 1.97 -2.31	30.53 1.92 -1.94	32.49 1.88 -4.15	34.23 1.89 -5.37	37.66 1.98 -8.93	41.38 2.11 -11.85	44.52 2.17 -13.44	46.45 2.52 -6.86	63.94 2.82 -19.04	52.37 3.28 -0.88	48.25 2.77 0.00	46.02 2.48 0.00	41.68 2.32 0.00	36.44 1.90 0.00	31.98 1.55 -0.01
MILLWOOD_13_KV_LOAD 356217	31.67 2.15 0.00	27.65 1.76 0.00	25.52 1.62 0.00	23.76 1.55 0.00	23.52 1.54 0.00	25.96 1.68 0.00	30.36 1.80 0.00	33.33 2.21 0.00	31.90 2.25 0.00	31.73 2.03 -2.31	30.59 1.97 -1.94	32.54 1.93 -4.15	34.28 1.94 -5.37	37.72 2.03 -8.93	41.43 2.17 -11.85	44.61 2.25 -13.44	46.57 2.63 -6.86	64.02 2.90 -19.04	52.51 3.42 -0.88	48.39 2.91 0.00	46.19 2.66 0.00	41.84 2.48 0.00	36.55 2.00 0.00	32.04 1.61 -0.01
MODEL_CITY_ENERGY 24167	28.60 -0.92 0.00	25.11 -0.78 0.00	23.11 -0.79 0.00	21.49 -0.71 0.00	21.22 -0.77 0.00	23.38 -0.90 0.00	27.02 -1.54 0.00	28.85 -2.27 0.00	28.16 -1.48 0.00	26.07 -1.37 -0.05	25.70 -1.01 -0.04	25.41 -1.06 -0.01	25.73 -1.32 -0.07	25.65 -1.28 -0.17	26.11 -1.56 -0.25	27.65 -1.59 -0.33	34.89 -2.33 -0.15	39.35 -3.20 -0.47	44.85 -3.38 -0.02	42.57 -2.91 0.00	40.88 -2.66 0.00	36.68 -2.68 0.00	32.23 -2.31 0.00	29.26 -1.16 0.00
MODERN_LFGE___ 323580	28.60 -0.92 0.00	25.11 -0.78 0.00	23.11 -0.79 0.00	21.49 -0.71 0.00	21.22 -0.77 0.00	23.38 -0.90 0.00	27.02 -1.54 0.00	28.85 -2.27 0.00	28.16 -1.48 0.00	26.07 -1.37 -0.05	25.70 -1.01 -0.04	25.41 -1.06 -0.01	25.73 -1.32 -0.07	25.65 -1.28 -0.17	26.11 -1.56 -0.25	27.65 -1.59 -0.33	34.89 -2.33 -0.15	39.35 -3.20 -0.47	44.85 -3.38 -0.02	42.57 -2.91 0.00	40.88 -2.66 0.00	36.68 -2.68 0.00	32.23 -2.31 0.00	29.26 -1.16 0.00
MOHAWK_PAPER___DRP 24187	30.37 0.86 0.00	26.61 0.72 0.00	24.61 0.72 0.00	22.85 0.64 0.00	22.62 0.64 0.00	24.96 0.68 0.00	29.22 0.66 0.00	31.83 0.72 0.00	30.29 0.65 0.00	27.43 0.58 0.54	26.91 0.59 0.35	26.64 0.56 0.37	26.99 0.57 0.55	26.41 0.62 0.96	26.85 0.77 1.33	28.08 0.81 1.64	36.33 0.80 1.48	40.55 0.80 2.32	49.11 1.01 0.11	46.39 0.91 0.00	44.36 0.83 0.00	40.10 0.75 0.00	35.13 0.59 0.00	30.86 0.46 0.01
MOHICAN___35_KV_115KV_LD 80490	31.34 1.83 0.00	27.49 1.60 0.00	25.38 1.48 0.00	23.56 1.35 0.00	23.28 1.30 0.00	25.59 1.31 0.00	29.99 1.43 0.00	32.58 1.46 0.00	30.95 1.30 0.00	27.85 0.99 0.52	27.22 0.88 0.33	26.95 0.85 0.35	27.24 0.78 0.52	26.68 0.83 0.91	27.26 1.10 1.26	28.60 1.24 1.55	37.04 1.41 1.44	41.60 1.73 2.20	50.37 2.27 0.10	47.71 2.23 0.00	45.75 2.22 0.00	41.32 1.97 0.00	36.17 1.62 0.00	31.98 1.58 0.01
MONGAUP___HYD 23641	31.31 1.80 0.00	27.31 1.42 0.00	25.21 1.31 0.00	23.45 1.24 0.00	23.19 1.21 0.00	25.66 1.38 0.00	30.01 1.46 0.00	32.83 1.71 0.00	31.33 1.69 0.00	30.57 1.42 -1.76	29.46 1.33 -1.45	29.79 1.32 -2.01	31.56 1.32 -3.26	33.97 1.18 -6.04	36.99 1.32 -8.26	39.87 0.98 -9.98	43.47 1.19 -5.21	57.59 1.43 -14.08	50.59 1.73 -0.65	46.98 1.50 0.00	44.84 1.30 0.00	41.13 1.77 0.00	35.99 1.45 0.00	31.61 1.18 -0.01
MONTAUK___DIESEL 23721	42.87 3.42 -9.93	31.56 2.80 -2.88	26.68 2.77 -0.01	24.90 2.69 -0.01	24.76 2.77 -0.01	27.37 3.08 -0.01	31.85 3.28 -0.01	35.59 4.05 -0.43	34.05 4.33 -0.08	33.89 3.92 -2.59	36.48 3.60 -6.21	38.54 3.62 -8.46	40.84 3.83 -10.04	41.59 3.83 -11.01	43.88 3.84 -12.62	46.15 3.84 -13.40	61.66 4.34 -20.25	65.41 4.96 -18.37	54.42 5.35 -0.86	50.13 4.64 -0.01	47.64 4.09 -0.01	42.75 3.38 -0.01	37.62 2.69 -0.39	34.28 2.49 -1.38
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.78 0.27 0.00	25.94 0.05 0.00	23.78 -0.12 0.00	22.05 -0.16 0.00	21.79 -0.20 0.00	24.09 -0.19 0.00	27.82 -0.74 0.00	30.31 -0.81 0.00	29.61 -0.03 0.00	27.53 0.08 -0.06	27.07 0.35 -0.05	26.74 0.26 -0.02	27.06 0.00 -0.08	26.90 -0.05 -0.20	27.60 -0.11 -0.29	29.35 0.06 -0.38	37.02 -0.22 -0.17	41.65 -0.97 -0.54	47.22 -1.01 -0.03	44.93 -0.55 0.00	43.01 -0.52 0.00	38.65 -0.71 0.00	33.85 -0.69 0.00	30.51 0.09 0.00

MORRIS_RIDGE___SOLAR 323848	29.51 0.00 0.00	25.86 -0.03 0.00	23.75 -0.14 0.00	22.12 -0.09 0.00	21.85 -0.13 0.00	24.11 -0.17 0.00	28.10 -0.46 0.00	30.12 -1.00 0.00	29.05 -0.59 0.00	26.88 -0.58 -0.07	26.39 -0.35 -0.06	26.05 -0.42 -0.02	26.43 -0.65 -0.10	26.36 -0.64 -0.24	27.00 -0.77 -0.35	28.80 -0.58 -0.47	36.31 -0.96 -0.20	41.03 -1.68 -0.64	46.74 -1.49 -0.03	44.52 -0.96 0.00	42.75 -0.78 0.00	38.41 -0.94 0.00	33.68 -0.86 0.00	30.17 -0.24 0.00
MORTIMER_115KV_TB3 55949	29.19 -0.32 0.00	25.58 -0.31 0.00	23.54 -0.36 0.00	21.85 -0.36 0.00	21.59 -0.40 0.00	23.79 -0.49 0.00	27.65 -0.91 0.00	30.15 -0.96 0.00	29.14 -0.50 0.00	26.87 -0.52 0.00	26.33 -0.35 0.00	26.11 -0.34 0.00	26.41 -0.57 0.00	26.19 -0.56 0.00	26.81 -0.60 0.00	28.45 -0.46 0.00	36.22 -0.85 0.00	40.77 -1.30 0.00	46.71 -1.49 0.00	44.48 -1.00 0.00	42.66 -0.87 0.00	38.37 -0.98 0.00	33.54 -1.00 0.00	30.02 -0.40 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.84 2.33 0.00	27.78 1.89 0.00	25.66 1.77 0.00	23.87 1.67 0.00	23.63 1.65 0.00	26.05 1.77 0.00	30.50 1.94 0.00	33.51 2.40 0.00	32.07 2.43 0.00	31.89 2.25 -2.26	30.76 2.19 -1.91	37.45 2.14 -8.85	37.60 2.16 -8.47	40.26 2.25 -11.25	43.65 2.39 -13.84	44.37 2.46 -13.01	46.56 2.82 -6.66	63.62 3.16 -18.39	52.72 3.66 -0.85	48.57 3.09 0.00	46.28 2.74 0.00	41.95 2.60 0.00	36.68 2.14 0.00	32.19 1.76 -0.01
MUNSVILLE_WIND_PWR 323609	31.64 2.13 0.00	27.83 1.94 0.00	25.62 1.72 0.00	23.72 1.51 0.00	23.61 1.63 0.00	26.08 1.80 0.00	30.62 2.06 0.00	33.29 2.18 0.00	31.60 1.96 0.00	29.00 1.51 -0.11	28.26 1.49 -0.10	27.86 1.37 -0.03	28.16 1.02 -0.16	28.11 0.96 -0.39	29.13 1.15 -0.56	31.38 1.73 -0.74	39.58 2.19 -0.31	45.42 2.35 -0.99	51.77 3.52 -0.05	48.93 3.45 0.00	46.89 3.35 0.00	42.27 2.91 0.00	36.99 2.45 0.00	32.57 2.16 0.00
N SALMON___HYD 24042	29.66 0.15 0.00	26.25 0.36 0.00	24.18 0.29 0.00	22.52 0.31 0.00	22.27 0.29 0.00	24.50 0.22 0.00	28.93 0.37 0.00	31.61 0.50 0.00	30.03 0.38 0.00	27.77 0.38 0.00	26.97 0.29 0.00	26.78 0.32 0.00	27.43 0.46 0.00	27.21 0.45 0.00	27.75 0.33 0.00	29.26 0.35 0.00	37.82 0.74 0.00	43.04 0.97 0.00	49.17 0.96 0.00	46.30 0.82 0.00	44.27 0.74 0.00	40.30 0.94 0.00	35.54 1.00 0.00	31.17 0.76 0.00
N.AKRON__115KV_KNAPP 355671	29.37 -0.15 0.00	25.73 -0.16 0.00	23.71 -0.19 0.00	22.01 -0.20 0.00	21.74 -0.24 0.00	23.94 -0.34 0.00	27.47 -1.09 0.00	29.90 -1.21 0.00	29.11 -0.53 0.00	26.89 -0.55 -0.05	26.39 -0.32 -0.04	26.13 -0.34 -0.01	26.37 -0.67 -0.07	26.28 -0.64 -0.16	26.91 -0.74 -0.23	28.64 -0.58 -0.31	36.10 -1.11 -0.14	40.71 -1.81 -0.45	46.20 -2.02 -0.02	44.16 -1.32 0.00	42.40 -1.13 0.00	38.10 -1.26 0.00	33.30 -1.24 0.00	30.17 -0.24 0.00
N.E_GEN_SANDY PD 24062	30.69 1.18 0.00	26.87 0.98 0.00	24.90 1.00 0.00	23.14 0.93 0.00	22.93 0.94 0.00	25.30 1.02 0.00	29.50 0.94 0.00	32.30 1.18 0.00	30.83 1.19 0.00	25.87 1.01 2.54	26.29 0.93 1.31	26.17 0.93 1.21	26.55 0.92 1.34	25.97 1.02 1.80	26.10 1.18 2.49	26.81 1.21 3.31	31.90 1.26 6.44	39.20 1.39 4.26	49.60 1.59 0.20	46.89 1.41 0.00	44.84 1.30 0.00	40.50 1.14 0.00	35.37 0.83 0.00	31.00 0.67 0.08
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.52 2.01 0.00	27.52 1.63 0.00	25.40 1.51 0.00	23.63 1.42 0.00	23.39 1.41 0.00	25.83 1.55 0.00	30.22 1.66 0.00	33.20 2.08 0.00	31.75 2.10 0.00	31.41 1.92 -2.10	30.29 1.87 -1.76	31.57 1.83 -3.29	33.34 1.83 -4.53	36.45 1.90 -7.80	39.90 2.03 -10.45	43.16 2.14 -12.12	45.83 2.52 -6.23	62.06 2.82 -17.17	52.28 3.28 -0.79	48.30 2.82 0.00	46.02 2.48 0.00	41.64 2.28 0.00	36.44 1.90 0.00	31.95 1.52 -0.01
N.QUEENS_27_KV_LOAD 356247	32.06 2.54 -0.01	27.89 1.99 -0.01	25.89 1.98 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.32 2.04 0.00	30.53 1.97 0.00	33.51 2.40 0.00	32.13 2.49 0.00	32.03 2.38 -2.26	30.95 2.37 -1.90	36.53 2.28 -7.80	37.03 2.29 -7.76	39.83 2.38 -10.69	43.27 2.52 -13.33	44.43 2.51 -13.01	46.56 2.82 -6.66	63.54 3.07 -18.40	52.58 3.52 -0.85	48.48 3.00 0.00	46.19 2.66 0.00	41.95 2.60 0.00	36.86 2.31 0.00	32.47 2.04 -0.01
N.TROY___115KV_TB1 355778	30.55 1.03 0.00	26.77 0.88 0.00	24.78 0.88 0.00	23.01 0.80 0.00	22.78 0.79 0.00	25.11 0.83 0.00	29.44 0.89 0.00	32.05 0.93 0.00	30.53 0.89 0.00	27.47 0.71 0.63	26.95 0.67 0.39	26.69 0.63 0.40	27.04 0.65 0.58	26.46 0.70 0.99	26.90 0.85 1.37	28.15 0.93 1.68	36.27 0.93 1.74	40.73 1.05 2.39	49.45 1.35 0.11	46.71 1.23 0.00	44.71 1.18 0.00	40.38 1.02 0.00	35.34 0.79 0.00	31.04 0.64 0.02
NARROWS_GT1_1 24228	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
NARROWS_GT1_2 24229	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
NARROWS_GT1_3 24230	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
NARROWS_GT1_4 24231	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
NARROWS_GT1_5 24232	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02

NARROWS_GT1_6 24233	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
NARROWS_GT1_7 24234	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
NARROWS_GT1_8 24235	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
NARROWS_GT2_1 24236	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
NARROWS_GT2_2 24237	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
NARROWS_GT2_3 24238	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
NARROWS_GT2_4 24239	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
NARROWS_GT2_5 24240	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
NARROWS_GT2_6 24241	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
NARROWS_GT2_7 24242	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
NARROWS_GT2_8 24243	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	30.63 1.12 0.00	26.84 0.96 0.00	24.78 0.88 0.00	23.01 0.80 0.00	22.75 0.77 0.00	25.18 0.90 0.00	29.47 0.91 0.00	31.99 0.87 0.00	30.29 0.65 0.00	28.00 0.63 0.02	27.25 0.56 -0.02	26.97 0.53 0.01	27.60 0.54 -0.08	27.58 0.59 -0.24	28.53 0.77 -0.35	30.17 0.81 -0.46	37.98 0.93 0.02	43.89 1.18 -0.64	49.83 1.59 -0.03	46.75 1.27 0.00	44.80 1.26 0.00	40.46 1.10 0.00	35.44 0.90 0.00	31.17 0.76 0.00
NCHELSEA_115KV_TR2 355582	31.55 2.04 0.00	27.54 1.66 0.00	25.43 1.53 0.00	23.65 1.44 0.00	23.41 1.43 0.00	25.88 1.60 0.00	30.27 1.71 0.00	33.14 2.02 0.00	31.69 2.05 0.00	30.52 1.78 -1.35	29.44 1.71 -1.06	28.55 1.67 -0.43	30.24 1.67 -1.59	32.15 1.77 -3.63	34.52 1.89 -5.21	37.78 1.97 -6.90	43.42 2.41 -3.94	54.59 2.73 -9.78	51.89 3.23 -0.45	48.21 2.73 0.00	46.02 2.48 0.00	41.64 2.28 0.00	36.41 1.87 0.00	31.95 1.52 -0.01
NEG CAPITAL___MECHNVIL 23645	31.05 1.53 0.00	27.18 1.29 0.00	25.11 1.22 0.00	23.34 1.13 0.00	23.06 1.08 0.00	25.47 1.19 0.00	29.76 1.20 0.00	32.42 1.31 0.00	30.89 1.24 0.00	27.81 0.98 0.57	27.20 0.88 0.36	26.96 0.87 0.37	27.27 0.84 0.54	26.67 0.86 0.94	27.24 1.12 1.30	28.55 1.24 1.60	36.91 1.37 1.53	41.43 1.60 2.25	50.13 2.02 0.10	47.48 2.00 0.00	45.45 1.91 0.00	41.05 1.69 0.00	35.92 1.38 0.00	31.62 1.22 0.01
NEG CENTRAL_HIGH_ACRES 23767	28.69 -0.83 0.00	25.19 -0.70 0.00	23.16 -0.74 0.00	21.49 -0.71 0.00	21.24 -0.75 0.00	23.41 -0.87 0.00	27.44 -1.11 0.00	29.75 -1.37 0.00	28.69 -0.95 0.00	26.46 -0.93 0.00	25.90 -0.77 0.00	25.69 -0.77 0.00	26.01 -0.97 0.00	25.79 -0.96 0.00	26.40 -1.01 0.00	27.92 -0.98 0.00	35.70 -1.37 0.00	40.22 -1.85 0.00	46.23 -1.98 0.00	43.84 -1.64 0.00	42.01 -1.52 0.00	37.82 -1.54 0.00	33.16 -1.38 0.00	29.50 -0.91 0.00



NEG CENTRAL___DRP 24199	29.60 0.09 0.00	25.94 0.05 0.00	23.87 -0.02 0.00	22.18 -0.02 0.00	21.96 -0.02 0.00	24.23 -0.05 0.00	28.36 -0.20 0.00	30.87 -0.25 0.00	29.58 -0.06 0.00	27.25 -0.14 0.00	26.57 -0.11 0.00	26.32 -0.13 0.00	26.71 -0.27 0.00	26.49 -0.27 0.00	27.22 -0.19 0.00	28.82 -0.09 0.00	36.89 -0.19 0.00	41.53 -0.55 0.00	47.73 -0.48 0.00	45.25 -0.23 0.00	43.32 -0.22 0.00	39.12 -0.24 0.00	34.27 -0.28 0.00	30.35 -0.06 0.00
NEG CENTRAL___INDECK 23768	30.13 0.62 0.00	26.48 0.60 0.00	24.28 0.38 0.00	22.56 0.35 0.00	22.29 0.31 0.00	24.57 0.29 0.00	28.73 0.17 0.00	30.93 -0.19 0.00	29.67 0.03 0.00	27.34 -0.11 -0.06	26.72 0.00 -0.05	26.42 -0.05 -0.02	26.77 -0.30 -0.09	26.69 -0.27 -0.21	27.41 -0.30 -0.30	29.16 -0.14 -0.39	36.95 -0.30 -0.17	41.95 -0.67 -0.55	48.14 -0.10 -0.03	45.98 0.50 0.00	44.23 0.69 0.00	39.75 0.39 0.00	34.82 0.28 0.00	31.05 0.64 0.00
NEG CENTRAL___SENECA 23627	29.78 0.27 0.00	26.09 0.21 0.00	23.99 0.10 0.00	22.29 0.09 0.00	22.05 0.07 0.00	24.33 0.05 0.00	28.44 -0.11 0.00	30.99 -0.12 0.00	29.73 0.09 0.00	27.43 0.00 -0.05	26.77 0.05 -0.04	26.47 0.00 -0.01	26.88 -0.16 -0.07	26.76 -0.16 -0.17	27.55 -0.11 -0.24	29.31 0.09 -0.32	37.21 0.00 -0.14	42.01 -0.50 -0.44	47.89 -0.34 -0.02	45.48 0.00 0.00	43.49 -0.04 0.00	39.32 -0.04 0.00	34.44 -0.10 0.00	30.60 0.18 0.00
NEG CENTRAL___STATE_STREET 24147	29.63 0.12 0.00	25.96 0.08 0.00	23.90 0.00 0.00	22.21 0.00 0.00	21.99 0.00 0.00	24.26 -0.02 0.00	28.44 -0.11 0.00	30.96 -0.16 0.00	29.61 -0.03 0.00	27.31 -0.08 0.00	26.57 -0.11 0.00	26.32 -0.13 0.00	26.76 -0.22 0.00	26.54 -0.21 0.00	27.28 -0.14 0.00	28.88 -0.03 0.00	36.96 -0.11 0.00	41.74 -0.34 0.00	47.92 -0.29 0.00	45.34 -0.14 0.00	43.40 -0.13 0.00	39.16 -0.20 0.00	34.30 -0.24 0.00	30.29 -0.12 0.00
NEG MILLWOOD___DRP 24198	31.73 2.21 0.00	27.67 1.79 0.00	25.55 1.65 0.00	23.76 1.55 0.00	23.52 1.54 0.00	25.98 1.70 0.00	30.39 1.83 0.00	33.33 2.21 0.00	31.87 2.22 0.00	31.03 1.92 -1.72	29.93 1.87 -1.39	28.82 1.83 -0.54	30.96 1.83 -2.15	33.62 1.93 -4.94	36.59 2.08 -7.09	40.46 2.17 -9.39	44.78 2.63 -5.07	58.33 2.95 -13.31	52.29 3.47 -0.62	48.48 3.00 0.00	46.28 2.74 0.00	41.91 2.56 0.00	36.58 2.04 0.00	32.07 1.64 -0.01
NEG NORTH_FLCN_SEA 23793	29.54 0.03 0.00	26.09 0.21 0.00	24.06 0.17 0.00	22.41 0.20 0.00	22.16 0.18 0.00	24.43 0.15 0.00	28.62 0.06 0.00	31.27 0.16 0.00	29.67 0.03 0.00	27.47 0.08 0.00	26.67 0.00 0.00	26.48 0.03 0.00	27.11 0.13 0.00	26.86 0.11 0.00	27.42 0.00 0.00	28.88 -0.03 0.00	37.30 0.22 0.00	42.49 0.42 0.00	48.26 0.05 0.00	45.43 -0.05 0.00	43.84 0.30 0.00	40.26 0.91 0.00	35.47 0.93 0.00	31.17 0.76 0.00
NEG NORTH_KES_CHATEGAY 23792	29.31 -0.21 0.00	25.86 -0.03 0.00	23.85 -0.05 0.00	22.18 -0.02 0.00	21.96 -0.02 0.00	24.21 -0.07 0.00	28.56 0.00 0.00	31.18 0.06 0.00	29.58 -0.06 0.00	27.36 -0.03 0.00	26.59 -0.08 0.00	26.40 -0.05 0.00	27.03 0.05 0.00	26.76 0.00 0.00	27.31 -0.11 0.00	28.76 -0.14 0.00	37.19 0.11 0.00	42.37 0.29 0.00	48.35 0.14 0.00	45.57 0.09 0.00	43.84 0.30 0.00	39.91 0.55 0.00	35.20 0.66 0.00	30.90 0.49 0.00
NEG NORTH___ALICE_FALLS 23915	29.78 0.27 0.00	26.38 0.49 0.00	24.28 0.38 0.00	22.61 0.40 0.00	22.38 0.40 0.00	24.57 0.29 0.00	28.93 0.37 0.00	31.65 0.53 0.00	30.03 0.39 0.00	27.74 0.36 0.00	26.91 0.24 0.00	26.72 0.26 0.00	27.38 0.40 0.00	27.18 0.43 0.00	27.72 0.30 0.00	29.23 0.32 0.00	37.82 0.74 0.00	43.04 0.97 0.00	49.12 0.92 0.00	46.25 0.77 0.00	44.54 1.00 0.00	40.66 1.30 0.00	35.85 1.31 0.00	31.42 1.00 0.00
NEG NORTH___LWR_SARANAC 23913	29.78 0.27 0.00	26.38 0.49 0.00	24.28 0.38 0.00	22.61 0.40 0.00	22.38 0.40 0.00	24.57 0.29 0.00	28.93 0.37 0.00	31.65 0.53 0.00	30.03 0.39 0.00	27.74 0.36 0.00	26.91 0.24 0.00	26.72 0.26 0.00	27.38 0.40 0.00	27.18 0.43 0.00	27.72 0.30 0.00	29.23 0.32 0.00	37.82 0.74 0.00	43.04 0.97 0.00	49.12 0.92 0.00	46.25 0.77 0.00	44.54 1.00 0.00	40.66 1.30 0.00	35.85 1.31 0.00	31.42 1.00 0.00
NEG NORTH___PLATTSBURG 23628	29.78 0.27 0.00	26.38 0.49 0.00	24.28 0.38 0.00	22.61 0.40 0.00	22.38 0.40 0.00	24.57 0.29 0.00	28.93 0.37 0.00	31.65 0.53 0.00	30.03 0.38 0.00	27.74 0.36 0.00	26.91 0.24 0.00	26.69 0.24 0.00	27.38 0.41 0.00	27.18 0.43 0.00	27.72 0.30 0.00	29.23 0.32 0.00	37.82 0.74 0.00	43.04 0.97 0.00	49.12 0.91 0.00	46.25 0.77 0.00	44.54 1.00 0.00	40.65 1.30 0.00	35.85 1.31 0.00	31.42 1.00 0.00
NEG WEST_LEA_LOCKPORT 23791	28.80 -0.71 0.00	25.21 -0.67 0.00	23.25 -0.65 0.00	21.63 -0.58 0.00	21.35 -0.64 0.00	23.53 -0.75 0.00	26.93 -1.63 0.00	29.16 -1.96 0.00	28.46 -1.19 0.00	26.34 -1.10 -0.05	25.91 -0.80 -0.04	25.62 -0.85 -0.01	25.94 -1.11 -0.07	25.83 -1.10 -0.17	26.43 -1.23 -0.25	28.05 -1.19 -0.33	35.30 -1.93 -0.15	39.77 -2.78 -0.47	45.05 -3.18 -0.02	43.02 -2.46 0.00	41.36 -2.18 0.00	37.11 -2.24 0.00	32.47 -2.07 0.00	29.53 -0.88 0.00
NEG WEST___LANCASTR 23811	29.13 -0.38 0.00	25.45 -0.44 0.00	23.42 -0.48 0.00	21.81 -0.40 0.00	21.55 -0.44 0.00	23.75 -0.53 0.00	27.39 -1.17 0.00	29.81 -1.31 0.00	28.99 -0.65 0.00	26.87 -0.58 -0.06	26.40 -0.32 -0.05	26.08 -0.40 -0.02	26.44 -0.62 -0.09	26.32 -0.64 -0.21	27.00 -0.71 -0.30	28.78 -0.52 -0.39	36.36 -0.89 -0.18	41.03 -1.60 -0.56	46.50 -1.74 -0.03	44.25 -1.23 0.00	42.27 -1.26 0.00	37.98 -1.38 0.00	33.23 -1.31 0.00	29.96 -0.46 0.00
NEG_PENN_ALLEGHNY 23528	29.93 0.41 0.00	26.20 0.31 0.00	24.14 0.24 0.00	22.43 0.22 0.00	22.21 0.22 0.00	24.50 0.22 0.00	28.73 0.17 0.00	31.24 0.12 0.00	29.91 0.27 0.00	27.70 0.19 -0.11	27.01 0.24 -0.10	26.68 0.19 -0.03	27.26 0.11 -0.17	27.27 0.11 -0.41	28.18 0.17 -0.60	30.02 0.32 -0.79	37.71 0.30 -0.34	43.22 0.08 -1.06	48.55 0.29 -0.05	45.84 0.36 0.00	43.80 0.26 0.00	39.51 0.16 0.00	34.65 0.10 0.00	30.66 0.24 0.00
NEG___GEN_MONROE 24207	29.37 -0.15 0.00	25.76 -0.13 0.00	23.68 -0.22 0.00	21.96 -0.24 0.00	21.72 -0.26 0.00	23.94 -0.34 0.00	27.73 -0.83 0.00	30.21 -0.90 0.00	29.20 -0.44 0.00	26.87 -0.52 0.00	26.33 -0.35 0.00	26.06 -0.40 0.00	26.33 -0.65 0.00	26.14 -0.62 0.00	26.76 -0.66 0.00	28.39 -0.52 0.00	36.15 -0.93 0.00	40.64 -1.43 0.00	46.62 -1.59 0.00	44.48 -1.00 0.00	42.66 -0.87 0.00	38.33 -1.02 0.00	33.51 -1.04 0.00	30.08 -0.33 0.00
NEPA___ENERGY 23901	28.86 -0.65 0.00	25.24 -0.65 0.00	23.23 -0.67 0.00	21.63 -0.58 0.00	21.39 -0.59 0.00	23.60 -0.68 0.00	27.30 -1.26 0.00	29.72 -1.40 0.00	28.81 -0.83 0.00	26.67 -0.79 -0.07	26.15 -0.59 -0.06	25.82 -0.66 -0.02	26.22 -0.86 -0.11	26.10 -0.91 -0.26	26.83 -0.96 -0.37	28.62 -0.78 -0.49	36.18 -1.11 -0.21	41.07 -1.68 -0.68	46.41 -1.83 -0.03	44.16 -1.32 0.00	42.14 -1.39 0.00	37.82 -1.53 0.00	33.13 -1.42 0.00	29.78 -0.64 0.00

NEVERSINK___HYD 23608	31.52 2.01 0.00	27.49 1.61 0.00	25.38 1.48 0.00	23.58 1.38 0.00	23.35 1.36 0.00	25.81 1.53 0.00	30.19 1.63 0.00	33.11 1.99 0.00	31.63 1.99 0.00	30.36 1.73 -1.25	29.33 1.65 -1.00	28.84 1.64 -0.74	30.37 1.62 -1.78	32.15 1.66 -3.73	34.49 1.81 -5.26	37.58 1.94 -6.74	43.19 2.45 -3.66	54.34 2.82 -9.44	52.02 3.37 -0.44	48.43 2.95 0.00	46.19 2.66 0.00	41.76 2.40 0.00	36.51 1.97 0.00	32.06 1.64 -0.01
NEWKRMKL_115KV_TB1 55635	30.04 0.53 0.00	26.35 0.47 0.00	24.37 0.48 0.00	22.63 0.42 0.00	22.40 0.42 0.00	24.72 0.44 0.00	28.93 0.37 0.00	31.52 0.40 0.00	29.94 0.30 0.00	27.18 0.30 0.51	26.74 0.40 0.33	26.47 0.37 0.36	26.79 0.35 0.54	26.24 0.43 0.94	26.69 0.58 1.30	27.86 0.55 1.60	36.08 0.41 1.40	40.19 0.38 2.27	48.63 0.53 0.10	45.89 0.41 0.00	43.88 0.35 0.00	39.67 0.31 0.00	34.75 0.21 0.00	30.56 0.15 0.01
NEWTON___FALLS_HYD 23847	29.39 -0.12 0.00	26.04 0.16 0.00	23.99 0.10 0.00	22.23 0.02 0.00	22.07 0.09 0.00	24.33 0.05 0.00	28.59 0.03 0.00	31.18 0.06 0.00	29.49 -0.15 0.00	27.14 -0.25 0.00	26.41 -0.27 0.00	26.19 -0.26 0.00	26.60 -0.38 0.00	26.30 -0.45 0.00	26.98 -0.44 0.00	28.62 -0.29 0.00	36.85 -0.22 0.00	41.70 -0.38 0.00	48.02 -0.19 0.00	45.39 -0.09 0.00	43.84 0.30 0.00	39.83 0.47 0.00	35.20 0.66 0.00	30.90 0.49 0.00
NGRID_A1_DSASP 323792	28.13 -1.39 0.00	24.67 -1.22 0.00	22.68 -1.22 0.00	21.10 -1.11 0.00	20.84 -1.14 0.00	22.97 -1.31 0.00	26.73 -1.83 0.00	28.57 -2.55 0.00	27.92 -1.72 0.00	25.88 -1.56 -0.05	25.52 -1.20 -0.04	25.23 -1.24 -0.01	25.54 -1.51 -0.07	25.43 -1.50 -0.17	25.89 -1.78 -0.25	27.39 -1.85 -0.33	34.56 -2.67 -0.15	38.97 -3.58 -0.47	44.37 -3.86 -0.02	42.11 -3.36 0.00	40.49 -3.05 0.00	36.33 -3.03 0.00	31.91 -2.63 0.00	28.89 -1.52 0.00
NGRID_A2_DSASP 323793	28.13 -1.39 0.00	24.67 -1.22 0.00	22.68 -1.22 0.00	21.10 -1.11 0.00	20.84 -1.14 0.00	22.97 -1.31 0.00	26.73 -1.83 0.00	28.57 -2.55 0.00	27.92 -1.72 0.00	25.88 -1.56 -0.05	25.52 -1.20 -0.04	25.23 -1.24 -0.01	25.54 -1.51 -0.07	25.43 -1.50 -0.17	25.89 -1.78 -0.25	27.39 -1.85 -0.33	34.56 -2.67 -0.15	38.97 -3.58 -0.47	44.37 -3.86 -0.02	42.11 -3.36 0.00	40.49 -3.05 0.00	36.33 -3.03 0.00	31.91 -2.63 0.00	28.89 -1.52 0.00
NGRID_A4_DSASP 323807	28.13 -1.39 0.00	24.67 -1.22 0.00	22.68 -1.22 0.00	21.10 -1.11 0.00	20.84 -1.14 0.00	22.97 -1.31 0.00	26.73 -1.83 0.00	28.57 -2.55 0.00	27.92 -1.72 0.00	25.88 -1.56 -0.05	25.52 -1.20 -0.04	25.23 -1.24 -0.01	25.54 -1.51 -0.07	25.43 -1.50 -0.17	25.89 -1.78 -0.25	27.39 -1.85 -0.33	34.56 -2.67 -0.15	38.97 -3.58 -0.47	44.37 -3.86 -0.02	42.11 -3.36 0.00	40.49 -3.05 0.00	36.33 -3.03 0.00	31.91 -2.63 0.00	28.89 -1.52 0.00
NIAGARA_115E_LBMP 323715	28.48 -1.03 0.00	25.01 -0.88 0.00	23.04 -0.86 0.00	21.41 -0.80 0.00	21.15 -0.84 0.00	23.31 -0.97 0.00	26.87 -1.68 0.00	28.66 -2.46 0.00	28.01 -1.63 0.00	25.93 -1.51 -0.05	25.57 -1.15 -0.04	25.28 -1.19 -0.01	25.59 -1.46 -0.07	25.51 -1.42 -0.18	25.97 -1.70 -0.25	27.48 -1.76 -0.34	34.67 -2.56 -0.15	39.10 -3.45 -0.48	44.56 -3.67 -0.02	42.29 -3.18 0.00	40.66 -2.87 0.00	36.44 -2.91 0.00	32.02 -2.52 0.00	29.11 -1.31 0.00
NIAGARA_115W_LBMP 323714	28.07 -1.45 0.00	24.62 -1.27 0.00	22.63 -1.27 0.00	21.03 -1.18 0.00	20.78 -1.21 0.00	22.90 -1.38 0.00	26.67 -1.89 0.00	28.50 -2.61 0.00	27.86 -1.78 0.00	25.79 -1.64 -0.05	25.44 -1.28 -0.04	25.15 -1.32 -0.01	25.48 -1.57 -0.07	25.38 -1.55 -0.17	25.83 -1.84 -0.25	27.33 -1.91 -0.33	34.44 -2.78 -0.15	38.89 -3.66 -0.47	44.28 -3.95 -0.02	42.02 -3.46 0.00	40.40 -3.13 0.00	36.25 -3.11 0.00	31.81 -2.73 0.00	28.83 -1.58 0.00
NIAGARA_230_LBMP 323716	28.48 -1.03 0.00	24.98 -0.91 0.00	22.96 -0.93 0.00	21.36 -0.84 0.00	21.11 -0.88 0.00	23.26 -1.02 0.00	27.07 -1.49 0.00	28.94 -2.18 0.00	28.28 -1.36 0.00	26.18 -1.26 -0.05	25.81 -0.91 -0.04	25.52 -0.95 -0.01	25.86 -1.19 -0.07	25.75 -1.18 -0.17	26.21 -1.45 -0.25	27.73 -1.50 -0.33	35.00 -2.22 -0.15	39.51 -3.03 -0.47	45.00 -3.23 -0.02	42.70 -2.78 0.00	41.05 -2.48 0.00	36.84 -2.52 0.00	32.33 -2.21 0.00	29.26 -1.16 0.00
NIAGARA___115KV_198_GIBSON 55903	28.07 -1.45 0.00	24.54 -1.35 0.00	22.63 -1.27 0.00	21.03 -1.18 0.00	20.78 -1.21 0.00	22.90 -1.38 0.00	26.30 -2.26 0.00	28.50 -2.61 0.00	27.86 -1.78 0.00	25.79 -1.64 -0.05	25.38 -1.33 -0.04	25.10 -1.38 -0.01	25.43 -1.62 -0.07	25.30 -1.63 -0.17	25.86 -1.81 -0.25	27.45 -1.79 -0.33	34.44 -2.78 -0.15	38.89 -3.66 -0.48	43.94 -4.29 -0.02	42.02 -3.46 0.00	40.36 -3.18 0.00	36.25 -3.11 0.00	31.71 -2.83 0.00	28.83 -1.58 0.00
NIAGARA____ 23760	28.48 -1.03 0.00	24.98 -0.91 0.00	22.96 -0.93 0.00	21.36 -0.84 0.00	21.11 -0.88 0.00	23.26 -1.02 0.00	27.07 -1.49 0.00	28.94 -2.18 0.00	28.28 -1.36 0.00	26.18 -1.26 -0.05	25.81 -0.91 -0.04	25.52 -0.95 -0.01	25.86 -1.19 -0.07	25.75 -1.18 -0.17	26.21 -1.45 -0.25	27.74 -1.50 -0.33	35.00 -2.22 -0.15	39.52 -3.03 -0.47	45.00 -3.23 -0.02	42.70 -2.78 0.00	41.05 -2.48 0.00	36.84 -2.52 0.00	32.33 -2.21 0.00	29.26 -1.16 0.00
NINE_MILE_1 23575	28.80 -0.71 0.00	25.27 -0.62 0.00	23.30 -0.60 0.00	21.65 -0.55 0.00	21.41 -0.57 0.00	23.65 -0.63 0.00	27.76 -0.80 0.00	30.06 -1.06 0.00	28.69 -0.95 0.00	26.51 -0.88 0.00	25.84 -0.83 0.00	25.61 -0.85 0.00	26.06 -0.92 0.00	25.85 -0.91 0.00	26.51 -0.90 0.00	28.01 -0.90 0.00	35.85 -1.22 0.00	40.56 -1.51 0.00	46.52 -1.69 0.00	43.98 -1.50 0.00	42.10 -1.44 0.00	38.02 -1.34 0.00	33.33 -1.21 0.00	29.41 -1.00 0.00
NINE_MILE_2 23744	28.80 -0.71 0.00	25.27 -0.62 0.00	23.30 -0.60 0.00	21.65 -0.55 0.00	21.41 -0.57 0.00	23.65 -0.63 0.00	27.76 -0.80 0.00	30.06 -1.06 0.00	28.69 -0.95 0.00	26.51 -0.88 0.00	25.84 -0.83 0.00	25.61 -0.85 0.00	26.06 -0.92 0.00	25.87 -0.88 0.00	26.51 -0.90 0.00	28.01 -0.90 0.00	35.85 -1.22 0.00	40.56 -1.51 0.00	46.52 -1.69 0.00	43.98 -1.50 0.00	42.14 -1.39 0.00	38.02 -1.34 0.00	33.33 -1.21 0.00	29.41 -1.00 0.00
NM_CAPITAL___DRP 24208	30.10 0.59 0.00	26.43 0.54 0.00	24.42 0.53 0.00	22.69 0.49 0.00	22.47 0.48 0.00	24.77 0.49 0.00	29.02 0.46 0.00	31.61 0.50 0.00	30.06 0.41 0.00	27.24 0.38 0.54	26.75 0.43 0.35	26.51 0.42 0.37	26.83 0.40 0.56	26.27 0.48 0.97	26.71 0.63 1.34	27.87 0.61 1.65	36.07 0.48 1.48	40.20 0.46 2.33	48.73 0.63 0.11	45.98 0.50 0.00	43.97 0.44 0.00	39.75 0.39 0.00	34.82 0.28 0.00	30.59 0.18 0.01
NM_CENTRAL___DRP 24181	29.48 -0.03 0.00	25.86 -0.03 0.00	23.80 -0.10 0.00	22.14 -0.07 0.00	21.90 -0.09 0.00	24.18 -0.10 0.00	28.36 -0.20 0.00	30.81 -0.31 0.00	29.43 -0.21 0.00	27.17 -0.22 0.00	26.49 -0.19 0.00	26.24 -0.21 0.00	26.68 -0.30 0.00	26.46 -0.29 0.00	27.20 -0.22 0.00	28.76 -0.14 0.00	36.67 -0.41 0.00	41.48 -0.59 0.00	47.53 -0.67 0.00	44.98 -0.50 0.00	43.06 -0.48 0.00	38.84 -0.51 0.00	34.06 -0.48 0.00	30.05 -0.36 0.00

NM_FRONTIER___DRP 24179	28.07 -1.45 0.00	24.54 -1.35 0.00	22.63 -1.27 0.00	21.03 -1.18 0.00	20.78 -1.21 0.00	22.90 -1.38 0.00	26.30 -2.26 0.00	28.50 -2.61 0.00	27.86 -1.78 0.00	25.79 -1.64 -0.05	25.38 -1.33 -0.04	25.10 -1.38 -0.01	25.43 -1.62 -0.07	25.30 -1.63 -0.17	25.86 -1.81 -0.25	27.45 -1.79 -0.33	34.44 -2.78 -0.15	38.89 -3.66 -0.48	43.94 -4.29 -0.02	42.02 -3.46 0.00	40.36 -3.18 0.00	36.25 -3.11 0.00	31.71 -2.83 0.00	28.83 -1.58 0.00
NM_ST_REGIS___HYD 24053	29.72 0.21 0.00	26.33 0.44 0.00	24.25 0.36 0.00	22.58 0.38 0.00	22.34 0.35 0.00	24.55 0.27 0.00	28.99 0.43 0.00	31.71 0.59 0.00	30.12 0.47 0.00	27.85 0.47 0.00	27.05 0.37 0.00	26.85 0.40 0.00	27.52 0.54 0.00	27.29 0.54 0.00	27.83 0.41 0.00	29.34 0.43 0.00	37.93 0.85 0.00	43.17 1.09 0.00	49.32 1.11 0.00	46.43 0.96 0.00	43.75 0.22 0.00	39.87 0.51 0.00	35.34 0.79 0.00	31.02 0.61 0.00
NORTHPORT___1 23551	41.78 2.48 -9.79	30.82 2.10 -2.84	25.94 2.03 -0.01	24.13 1.91 -0.01	23.97 1.98 -0.01	26.35 2.06 -0.01	30.80 2.23 -0.01	34.28 2.74 -0.43	32.23 2.58 -0.01	32.01 2.11 -2.51	35.03 2.21 -6.15	36.88 2.17 -8.26	39.08 2.24 -9.87	39.85 2.27 -10.83	42.45 2.49 -12.53	44.78 2.54 -13.32	48.39 2.56 -8.76	63.68 3.28 -18.32	52.83 3.76 -0.86	49.04 3.55 -0.01	46.85 3.31 -0.01	42.08 2.71 -0.01	37.24 2.31 -0.38	33.75 1.98 -1.36
NORTHPORT___2 23552	41.78 2.48 -9.79	30.82 2.10 -2.84	25.94 2.03 -0.01	24.13 1.91 -0.01	23.97 1.98 -0.01	26.35 2.06 -0.01	30.80 2.23 -0.01	34.28 2.74 -0.43	32.23 2.58 -0.01	32.01 2.11 -2.51	35.03 2.21 -6.15	36.88 2.17 -8.26	39.08 2.24 -9.87	39.85 2.27 -10.83	42.45 2.49 -12.53	44.78 2.54 -13.32	48.39 2.56 -8.76	63.68 3.28 -18.32	52.83 3.76 -0.86	49.04 3.55 -0.01	46.85 3.31 -0.01	42.08 2.71 -0.01	37.24 2.31 -0.38	33.75 1.98 -1.36
NORTHPORT___3 23553	41.63 2.24 -9.88	30.72 1.97 -2.86	25.79 1.89 -0.01	24.01 1.80 -0.01	23.77 1.78 -0.01	26.21 1.92 -0.01	30.63 2.06 -0.01	34.10 2.55 -0.43	31.99 2.34 0.00	32.14 2.25 -2.51	34.70 1.84 -6.19	36.64 1.80 -8.39	38.81 1.86 -9.97	39.57 1.93 -10.89	42.15 2.14 -12.59	44.45 2.23 -13.32	48.97 2.86 -9.04	63.09 2.70 -18.32	52.15 3.09 -0.86	48.31 2.82 -0.01	46.07 2.52 -0.01	41.49 2.12 -0.01	37.00 2.07 -0.39	33.67 1.89 -1.37
NORTHPORT___4 23650	41.63 2.24 -9.88	30.72 1.97 -2.86	25.79 1.89 -0.01	24.01 1.80 -0.01	23.77 1.78 -0.01	26.21 1.92 -0.01	30.63 2.06 -0.01	34.10 2.55 -0.43	31.99 2.34 0.00	32.14 2.25 -2.51	34.70 1.84 -6.19	36.64 1.80 -8.39	38.81 1.86 -9.97	39.57 1.93 -10.89	42.15 2.14 -12.59	44.45 2.23 -13.32	48.97 2.86 -9.04	63.09 2.70 -18.32	52.15 3.09 -0.86	48.31 2.82 -0.01	46.07 2.52 -0.01	41.49 2.12 -0.01	37.00 2.07 -0.39	33.67 1.89 -1.37
NORTHPORT___IC 23718	41.78 2.48 -9.79	30.82 2.10 -2.84	25.94 2.03 -0.01	24.17 1.95 -0.01	23.97 1.98 -0.01	26.38 2.09 -0.01	30.85 2.28 -0.01	34.28 2.74 -0.43	32.23 2.58 -0.01	32.01 2.11 -2.51	35.03 2.21 -6.15	36.94 2.22 -8.26	39.17 2.32 -9.87	39.83 2.25 -10.83	42.45 2.49 -12.53	44.75 2.51 -13.32	48.39 2.56 -8.75	63.73 3.28 -18.37	52.92 3.86 -0.86	49.03 3.55 -0.01	46.81 3.27 -0.01	42.08 2.72 -0.01	37.24 2.31 -0.38	33.75 1.98 -1.36
NORTH___COUNTRY_ESR 323785	29.22 -0.30 0.00	25.78 -0.10 0.00	23.80 -0.10 0.00	22.14 -0.07 0.00	21.90 -0.09 0.00	24.16 -0.12 0.00	28.47 -0.09 0.00	31.12 0.00 0.00	29.52 -0.12 0.00	27.33 -0.05 0.00	26.57 -0.11 0.00	26.35 -0.11 0.00	26.98 0.00 0.00	26.73 -0.03 0.00	27.28 -0.14 0.00	28.74 -0.17 0.00	37.11 0.04 0.00	42.29 0.21 0.00	48.26 0.05 0.00	45.48 0.00 0.00	43.71 0.17 0.00	39.79 0.43 0.00	35.09 0.55 0.00	30.81 0.39 0.00
NPX_GEN_1385_PROXY 323591	35.45 1.95 -3.99	30.43 1.71 -2.84	25.65 1.74 -0.01	23.79 1.58 -0.01	23.89 1.89 -0.01	26.13 1.84 -0.01	30.60 2.03 -0.01	34.00 2.46 -0.43	32.02 2.37 -0.01	31.00 1.62 -2.00	31.00 1.73 -2.60	30.73 1.67 -2.61	32.00 1.73 -3.30	32.50 1.79 -3.95	33.00 2.00 -3.58	34.00 1.99 -3.10	36.00 1.85 2.93	41.80 2.52 2.80	51.96 2.89 -0.86	48.49 3.00 -0.01	46.46 2.92 -0.01	41.49 2.12 -0.01	36.58 1.66 -0.38	33.20 1.43 -1.36
NPX_GEN_CSC 323557	41.77 2.33 -9.93	30.68 1.92 -2.88	25.84 1.93 -0.01	24.04 1.82 -0.01	23.84 1.85 -0.01	26.26 1.97 -0.01	30.51 1.94 -0.01	34.10 2.55 -0.43	32.54 2.82 -0.08	32.44 2.47 -2.59	34.96 2.08 -6.21	36.95 2.04 -8.46	39.17 2.16 -10.03	39.95 2.19 -11.00	42.42 2.38 -12.62	44.57 2.49 -13.17	60.28 2.74 -20.46	63.56 3.16 -18.32	52.63 3.57 -0.86	48.76 3.28 -0.01	46.68 3.14 -0.01	41.81 2.44 -0.01	36.93 2.00 -0.39	33.46 1.67 -1.38
NSINS_S_GLNS_FALLS 23858	31.40 1.89 0.00	27.54 1.66 0.00	25.43 1.53 0.00	23.61 1.40 0.00	23.33 1.34 0.00	25.62 1.34 0.00	30.02 1.46 0.00	32.61 1.49 0.00	30.98 1.33 0.00	27.89 1.01 0.52	27.25 0.91 0.33	26.98 0.87 0.35	27.27 0.81 0.52	26.68 0.83 0.91	27.29 1.12 1.25	28.64 1.27 1.54	37.09 1.45 1.43	41.65 1.77 2.19	50.42 2.31 0.10	47.80 2.32 0.00	45.84 2.31 0.00	41.36 2.01 0.00	36.20 1.66 0.00	32.05 1.64 0.01
NUCOR_STEEL___DRP 24197	29.60 0.09 0.00	25.96 0.08 0.00	23.90 0.00 0.00	22.21 0.00 0.00	21.99 0.00 0.00	24.26 -0.02 0.00	28.44 -0.11 0.00	30.90 -0.22 0.00	29.52 -0.12 0.00	27.22 -0.16 0.00	26.54 -0.13 0.00	26.27 -0.19 0.00	26.71 -0.27 0.00	26.49 -0.27 0.00	27.22 -0.19 0.00	28.82 -0.09 0.00	36.85 -0.22 0.00	41.65 -0.42 0.00	47.82 -0.39 0.00	45.30 -0.18 0.00	43.36 -0.17 0.00	39.12 -0.24 0.00	34.30 -0.24 0.00	30.29 -0.12 0.00
NUMBER_THREE_WT_PWR 323818	29.69 0.18 0.00	26.38 0.49 0.00	24.30 0.41 0.00	22.49 0.29 0.00	22.36 0.37 0.00	24.69 0.41 0.00	28.96 0.40 0.00	31.52 0.40 0.00	29.88 0.24 0.00	27.44 0.05 0.00	26.75 0.08 0.00	26.48 0.03 0.00	26.84 -0.13 0.00	26.54 -0.21 0.00	27.28 -0.14 0.00	28.97 0.06 0.00	37.22 0.15 0.00	42.24 0.17 0.00	48.79 0.58 0.00	46.16 0.68 0.00	44.40 0.87 0.00	40.26 0.91 0.00	35.37 0.83 0.00	31.02 0.61 0.00
NYISO_LBMP_REFERENCE 24008	29.51 0.00 0.00	25.89 0.00 0.00	23.90 0.00 0.00	22.21 0.00 0.00	21.99 0.00 0.00	24.28 0.00 0.00	28.56 0.00 0.00	31.12 0.00 0.00	29.64 0.00 0.00	27.39 0.00 0.00	26.67 0.00 0.00	26.46 0.00 0.00	26.98 0.00 0.00	26.76 0.00 0.00	27.42 0.00 0.00	28.91 0.00 0.00	37.08 0.00 0.00	42.07 0.00 0.00	48.21 0.00 0.00	45.48 0.00 0.00	43.53 0.00 0.00	39.36 0.00 0.00	34.54 0.00 0.00	30.41 0.00 0.00
NYPA_BRENTWD____GT 24164	42.56 2.95 -10.09	31.24 2.43 -2.93	26.25 2.34 -0.01	24.41 2.20 -0.01	24.21 2.22 -0.01	26.67 2.38 -0.01	31.14 2.57 -0.01	34.67 3.11 -0.44	32.72 3.05 -0.02	32.61 2.69 -2.53	35.57 2.62 -6.28	37.72 2.57 -8.70	39.84 2.65 -10.22	40.53 2.70 -11.08	43.07 2.94 -12.72	45.29 3.03 -13.35	52.60 3.37 -12.15	64.35 3.95 -18.33	53.59 4.53 -0.86	49.72 4.23 -0.01	47.46 3.92 -0.01	42.67 3.31 -0.01	37.73 2.80 -0.39	34.19 2.37 -1.40

NYPA_GOWANUS____GT5 24156	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
NYPA_GOWANUS____GT6 24157	32.18 2.66 -0.01	28.04 2.15 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.18 1.90 0.00	30.59 2.03 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.47 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.39 2.27 -8.15	40.11 2.36 -11.00	43.55 2.52 -13.61	44.55 2.63 -13.01	46.71 2.97 -6.67	63.75 3.32 -18.35	52.82 3.76 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.96 2.42 0.00	32.56 2.13 -0.02
NYPA_HARLEM__RVR__GT1 24160	32.00 2.48 -0.01	27.84 1.94 -0.01	25.82 1.91 -0.01	24.04 1.82 -0.01	23.82 1.82 -0.01	26.08 1.80 0.00	30.41 1.86 0.00	33.44 2.33 0.01	32.07 2.43 0.01	31.94 2.30 -2.25	30.81 2.24 -1.90	34.14 2.17 -5.51	38.45 2.16 -9.32	38.45 2.25 -9.44	43.16 2.41 -13.33	44.37 2.46 -13.00	46.44 2.71 -6.66	63.36 2.94 -18.34	52.37 3.32 -0.84	48.34 2.87 0.01	46.01 2.48 0.01	41.88 2.52 0.00	36.75 2.21 0.00	32.38 1.95 -0.01
NYPA_HARLEM__RVR__GT2 24161	32.00 2.48 -0.01	27.84 1.94 -0.01	25.82 1.91 -0.01	24.04 1.82 -0.01	23.82 1.82 -0.01	26.08 1.80 0.00	30.41 1.86 0.00	33.44 2.33 0.01	32.07 2.43 0.01	31.94 2.30 -2.25	30.81 2.24 -1.90	34.14 2.17 -5.51	38.45 2.16 -9.32	38.45 2.25 -9.44	43.16 2.41 -13.33	44.37 2.46 -13.00	46.44 2.71 -6.66	63.36 2.94 -18.34	52.37 3.32 -0.84	48.34 2.87 0.01	46.01 2.48 0.01	41.88 2.52 0.00	36.75 2.21 0.00	32.38 1.95 -0.01
NYPA_KENT____GT 24152	32.09 2.57 -0.01	27.99 2.10 -0.01	25.86 1.96 -0.01	24.04 1.82 -0.01	23.82 1.82 -0.01	26.15 1.87 0.00	30.56 2.00 0.00	33.64 2.52 0.00	32.22 2.58 0.00	32.08 2.44 -2.26	30.95 2.37 -1.90	37.08 2.25 -8.37	37.36 2.24 -8.15	40.08 2.33 -11.00	43.52 2.49 -13.61	44.52 2.60 -13.01	46.67 2.93 -6.67	63.71 3.28 -18.35	52.72 3.66 -0.85	48.61 3.14 0.00	46.32 2.79 0.00	42.07 2.71 0.00	36.89 2.35 0.00	32.47 2.04 -0.02
NYPA_POUCH1____GT 24155	32.15 2.63 -0.01	28.02 2.12 -0.01	25.86 1.96 -0.01	24.06 1.84 -0.01	23.82 1.82 -0.01	26.15 1.87 0.00	30.53 1.97 0.00	33.57 2.46 0.00	32.13 2.49 0.00	32.03 2.38 -2.26	30.89 2.32 -1.90	36.53 2.12 -7.96	36.98 2.13 -7.87	39.75 2.22 -10.78	43.13 2.38 -13.33	44.40 2.49 -13.01	46.52 2.78 -6.67	63.58 3.16 -18.35	52.57 3.52 -0.85	48.48 3.00 0.00	46.10 2.57 0.00	41.99 2.64 0.00	36.92 2.38 0.00	32.53 2.10 -0.02
NYPA_VERNON____GT2 24162	32.03 2.51 -0.01	27.92 2.02 -0.01	25.82 1.91 -0.01	23.99 1.78 -0.01	23.77 1.78 -0.01	26.12 1.84 0.00	30.56 2.00 0.00	33.61 2.49 0.00	32.22 2.58 0.00	32.06 2.41 -2.26	30.89 2.32 -1.90	37.05 2.22 -8.37	37.36 2.24 -8.15	40.05 2.30 -11.00	43.50 2.47 -13.61	44.49 2.57 -13.01	46.64 2.89 -6.67	63.62 3.20 -18.35	52.67 3.62 -0.85	48.57 3.09 0.00	46.28 2.74 0.00	42.03 2.68 0.00	36.79 2.24 0.00	32.38 1.95 -0.01
NYPA_VERNON____GT3 24163	32.03 2.51 -0.01	27.92 2.02 -0.01	25.82 1.91 -0.01	23.99 1.78 -0.01	23.77 1.78 -0.01	26.12 1.84 0.00	30.56 2.00 0.00	33.61 2.49 0.00	32.22 2.58 0.00	32.06 2.41 -2.26	30.89 2.32 -1.90	37.05 2.22 -8.37	37.36 2.24 -8.15	40.05 2.30 -11.00	43.50 2.47 -13.61	44.49 2.57 -13.01	46.64 2.89 -6.67	63.62 3.20 -18.35	52.67 3.62 -0.85	48.57 3.09 0.00	46.28 2.74 0.00	42.03 2.68 0.00	36.79 2.24 0.00	32.38 1.95 -0.01
NYPA____ASTORIA_CC1 323568	32.00 2.48 -0.01	27.89 1.99 -0.01	25.79 1.89 -0.01	23.99 1.78 -0.01	23.75 1.76 -0.01	26.10 1.82 0.00	30.50 1.94 0.00	33.57 2.46 0.00	32.16 2.52 0.00	32.00 2.36 -2.26	30.87 2.29 -1.90	37.00 2.17 -8.37	37.31 2.18 -8.15	40.00 2.25 -11.00	43.44 2.41 -13.61	44.43 2.51 -13.01	46.56 2.82 -6.67	63.54 3.11 -18.35	52.57 3.52 -0.85	48.48 3.00 0.00	46.19 2.66 0.00	41.95 2.60 0.00	36.75 2.21 0.00	32.31 1.89 -0.01
NYPA____ASTORIA_CC2 323569	32.00 2.48 -0.01	27.89 1.99 -0.01	25.79 1.89 -0.01	23.99 1.78 -0.01	23.75 1.76 -0.01	26.10 1.82 0.00	30.50 1.94 0.00	33.57 2.46 0.00	32.16 2.52 0.00	32.00 2.36 -2.26	30.87 2.29 -1.90	37.00 2.17 -8.37	37.31 2.18 -8.15	40.00 2.25 -11.00	43.44 2.41 -13.61	44.43 2.51 -13.01	46.56 2.82 -6.67	63.54 3.11 -18.35	52.57 3.52 -0.85	48.48 3.00 0.00	46.19 2.66 0.00	41.95 2.60 0.00	36.75 2.21 0.00	32.31 1.89 -0.01
NYPA____HOLTSVILL 23794	42.14 2.71 -9.91	30.99 2.23 -2.87	26.08 2.17 -0.01	24.26 2.04 -0.01	24.06 2.07 -0.01	26.50 2.21 -0.01	30.91 2.34 -0.01	34.44 2.89 -0.43	32.63 2.91 -0.08	32.52 2.55 -2.58	35.28 2.40 -6.20	37.25 2.35 -8.44	39.45 2.45 -10.02	40.24 2.49 -10.99	42.74 2.71 -12.61	45.11 2.80 -13.40	60.23 3.15 -20.00	63.97 3.57 -18.32	53.16 4.10 -0.86	49.35 3.86 -0.01	47.11 3.57 -0.01	42.36 2.99 -0.01	37.45 2.52 -0.39	33.92 2.13 -1.37
NYPA____HELLGATE_GT1 24158	32.00 2.48 -0.01	27.84 1.94 -0.01	25.82 1.91 -0.01	24.04 1.82 -0.01	23.82 1.82 -0.01	26.08 1.80 0.00	30.41 1.86 0.00	33.44 2.33 0.01	32.07 2.43 0.01	31.94 2.30 -2.25	30.81 2.24 -1.90	38.72 2.17 -10.10	35.34 2.16 -6.21	40.94 2.25 -11.94	43.16 2.41 -13.33	44.37 2.46 -13.00	46.44 2.71 -6.66	63.36 2.94 -18.34	52.37 3.32 -0.84	48.34 2.87 0.01	46.01 2.48 0.01	41.88 2.52 0.00	36.75 2.21 0.00	32.38 1.95 -0.01
NYPA____HELLGATE_GT2 24159	32.00 2.48 -0.01	27.84 1.94 -0.01	25.82 1.91 -0.01	24.04 1.82 -0.01	23.82 1.82 -0.01	26.08 1.80 0.00	30.41 1.86 0.00	33.44 2.33 0.01	32.07 2.43 0.01	31.94 2.30 -2.25	30.81 2.24 -1.90	38.72 2.17 -10.10	35.34 2.16 -6.21	40.94 2.25 -11.94	43.16 2.41 -13.33	44.37 2.46 -13.00	46.44 2.71 -6.66	63.36 2.94 -18.34	52.37 3.32 -0.84	48.34 2.87 0.01	46.01 2.48 0.01	41.88 2.52 0.00	36.75 2.21 0.00	32.38 1.95 -0.01
NYS_BARGE____HYD 23848	28.83 -0.68 0.00	25.32 -0.57 0.00	23.28 -0.62 0.00	21.63 -0.58 0.00	21.37 -0.62 0.00	23.55 -0.73 0.00	27.27 -1.28 0.00	29.16 -1.96 0.00	28.46 -1.19 0.00	26.34 -1.10 -0.05	25.94 -0.77 -0.04	25.68 -0.79 -0.01	25.99 -1.05 -0.07	25.88 -1.04 -0.17	26.38 -1.29 -0.25	27.93 -1.30 -0.33	35.29 -1.93 -0.15	39.76 -2.78 -0.46	45.34 -2.89 -0.02	43.02 -2.46 0.00	41.36 -2.18 0.00	37.11 -2.24 0.00	32.57 -1.97 0.00	29.53 -0.88 0.00
OAK ORCHARD____HYD 24046	29.19 -0.32 0.00	25.63 -0.26 0.00	23.54 -0.36 0.00	21.85 -0.36 0.00	21.59 -0.40 0.00	23.79 -0.49 0.00	27.87 -0.69 0.00	30.15 -0.96 0.00	29.14 -0.50 0.00	26.87 -0.52 0.00	26.35 -0.32 0.00	26.14 -0.32 0.00	26.44 -0.54 0.00	26.25 -0.51 0.00	26.81 -0.60 0.00	28.36 -0.55 0.00	36.22 -0.85 0.00	40.77 -1.30 0.00	46.91 -1.30 0.00	44.48 -1.00 0.00	42.66 -0.87 0.00	38.37 -0.98 0.00	33.61 -0.93 0.00	30.02 -0.40 0.00

OAKDALE___35_KV_LOAD 356122	29.87 0.35 0.00	26.15 0.26 0.00	24.11 0.22 0.00	22.41 0.20 0.00	22.18 0.20 0.00	24.47 0.19 0.00	28.62 0.06 0.00	31.18 0.06 0.00	29.85 0.21 0.00	27.64 0.14 -0.11	26.96 0.19 -0.10	26.62 0.13 -0.03	27.20 0.05 -0.17	27.19 0.03 -0.40	28.14 0.14 -0.58	29.94 0.26 -0.77	37.63 0.22 -0.33	43.13 0.00 -1.06	48.40 0.14 -0.05	45.75 0.27 0.00	43.71 0.17 0.00	39.44 0.08 0.00	34.54 0.00 0.00	30.60 0.18 0.00
OCC_CHEM___DRP 24175	28.13 -1.39 0.00	24.62 -1.27 0.00	22.68 -1.22 0.00	21.10 -1.11 0.00	20.84 -1.14 0.00	22.97 -1.31 0.00	26.36 -2.20 0.00	28.57 -2.55 0.00	27.92 -1.72 0.00	25.88 -1.56 -0.05	25.44 -1.28 -0.04	25.17 -1.30 -0.01	25.48 -1.56 -0.07	25.35 -1.58 -0.17	25.94 -1.73 -0.25	27.51 -1.73 -0.33	34.56 -2.67 -0.15	38.97 -3.58 -0.48	44.04 -4.19 -0.02	42.11 -3.37 0.00	40.49 -3.05 0.00	36.37 -2.99 0.00	31.78 -2.76 0.00	28.89 -1.52 0.00
OH_GEN_PROXY 24063	28.51 -1.00 0.00	25.01 -0.88 0.00	22.99 -0.91 0.00	21.36 -0.84 0.00	21.11 -0.88 0.00	23.26 -1.02 0.00	27.10 -1.46 0.00	29.00 -2.12 0.00	28.34 -1.30 0.00	26.23 -1.20 -0.05	25.84 -0.88 -0.04	25.57 -0.90 -0.01	25.89 -1.16 -0.07	25.78 -1.15 -0.17	26.27 -1.40 -0.25	27.60 -1.42 -0.11	35.34 -2.11 -0.37	39.64 -2.90 -0.47	45.14 -3.09 -0.02	42.84 -2.64 0.00	41.18 -2.35 0.00	36.92 -2.44 0.00	32.40 -2.14 0.00	29.29 -1.12 0.00
OLIN_CORP_DRP 24177	28.51 -1.00 0.00	24.95 -0.93 0.00	23.04 -0.86 0.00	21.43 -0.78 0.00	21.15 -0.84 0.00	23.31 -0.97 0.00	26.59 -1.97 0.00	28.72 -2.40 0.00	28.07 -1.57 0.00	25.99 -1.45 -0.05	25.57 -1.15 -0.04	25.28 -1.19 -0.01	25.59 -1.46 -0.07	25.49 -1.44 -0.18	26.05 -1.62 -0.25	27.65 -1.59 -0.34	34.74 -2.48 -0.15	39.19 -3.37 -0.48	44.33 -3.90 -0.02	42.39 -3.09 0.00	40.70 -2.83 0.00	36.56 -2.79 0.00	31.99 -2.56 0.00	29.17 -1.25 0.00
OLIN_CORP_DSASP 323712	28.13 -1.39 0.00	24.67 -1.22 0.00	22.68 -1.22 0.00	21.10 -1.11 0.00	20.84 -1.14 0.00	22.97 -1.31 0.00	26.73 -1.83 0.00	28.57 -2.55 0.00	27.92 -1.72 0.00	25.88 -1.56 -0.05	25.52 -1.20 -0.04	25.23 -1.24 -0.01	25.54 -1.51 -0.07	25.43 -1.50 -0.17	25.89 -1.78 -0.25	27.39 -1.85 -0.33	34.56 -2.67 -0.15	38.97 -3.58 -0.47	44.37 -3.86 -0.02	42.11 -3.36 0.00	40.49 -3.05 0.00	36.33 -3.03 0.00	31.91 -2.63 0.00	28.89 -1.52 0.00
ONEIDA_HERK_LFGE 323681	30.01 0.50 0.00	26.46 0.57 0.00	24.40 0.50 0.00	22.61 0.40 0.00	22.45 0.46 0.00	24.79 0.51 0.00	29.10 0.54 0.00	31.68 0.56 0.00	30.12 0.47 0.00	27.72 0.33 0.00	27.02 0.35 0.00	26.75 0.29 0.00	27.11 0.14 0.00	26.86 0.11 0.00	27.61 0.19 0.00	29.28 0.37 0.00	37.59 0.52 0.00	42.62 0.55 0.00	49.12 0.91 0.00	46.39 0.91 0.00	44.49 0.96 0.00	40.26 0.91 0.00	35.34 0.80 0.00	31.02 0.61 0.00
ONEIDA___115KV_TB4 55905	30.31 0.80 0.00	26.61 0.72 0.00	24.54 0.65 0.00	22.74 0.53 0.00	22.56 0.57 0.00	24.91 0.63 0.00	29.24 0.69 0.00	31.83 0.72 0.00	30.32 0.68 0.00	27.88 0.49 0.00	27.18 0.51 0.00	26.93 0.48 0.00	27.30 0.32 0.00	27.05 0.29 0.00	27.83 0.41 0.00	29.51 0.61 0.00	37.82 0.74 0.00	42.83 0.76 0.00	49.37 1.16 0.00	46.66 1.18 0.00	44.67 1.13 0.00	40.38 1.02 0.00	35.37 0.83 0.00	31.11 0.70 0.00
ONONDAGA_REF_OCCRA 23987	29.57 0.06 0.00	25.91 0.03 0.00	23.87 -0.02 0.00	22.18 -0.02 0.00	21.96 -0.02 0.00	24.23 -0.05 0.00	28.44 -0.11 0.00	30.90 -0.22 0.00	29.52 -0.12 0.00	27.22 -0.16 0.00	26.54 -0.13 0.00	26.30 -0.16 0.00	26.76 -0.22 0.00	26.54 -0.21 0.00	27.28 -0.14 0.00	28.85 -0.06 0.00	36.85 -0.22 0.00	41.65 -0.42 0.00	47.77 -0.43 0.00	45.21 -0.27 0.00	43.27 -0.26 0.00	39.04 -0.31 0.00	34.20 -0.35 0.00	30.17 -0.24 0.00
ONONDAGA___COGEN 23986	29.48 -0.03 0.00	25.84 -0.05 0.00	23.80 -0.10 0.00	22.12 -0.09 0.00	21.90 -0.09 0.00	24.16 -0.12 0.00	28.36 -0.20 0.00	30.77 -0.34 0.00	29.41 -0.24 0.00	27.14 -0.25 0.00	26.43 -0.24 0.00	26.19 -0.26 0.00	26.65 -0.32 0.00	26.43 -0.32 0.00	27.17 -0.25 0.00	28.73 -0.17 0.00	36.70 -0.37 0.00	41.53 -0.55 0.00	47.58 -0.63 0.00	45.02 -0.45 0.00	43.10 -0.44 0.00	38.88 -0.47 0.00	34.09 -0.45 0.00	30.08 -0.33 0.00
ONTARIO___LFGE 23819	29.78 0.27 0.00	26.12 0.23 0.00	23.99 0.10 0.00	22.30 0.09 0.00	22.05 0.07 0.00	24.33 0.05 0.00	28.56 0.00 0.00	30.99 -0.12 0.00	29.73 0.09 0.00	27.43 0.00 -0.05	26.79 0.08 -0.04	26.50 0.03 -0.01	26.91 -0.13 -0.07	26.79 -0.13 -0.17	27.55 -0.11 -0.24	29.28 0.06 -0.32	37.21 0.00 -0.14	42.01 -0.50 -0.44	47.99 -0.24 -0.02	45.48 0.00 0.00	43.53 0.00 0.00	39.32 -0.04 0.00	34.47 -0.07 0.00	30.60 0.18 0.00
ORANGEVILLE_WT_PWR 323706	29.31 -0.21 0.00	25.68 -0.21 0.00	23.59 -0.31 0.00	21.94 -0.27 0.00	21.68 -0.31 0.00	23.92 -0.36 0.00	27.85 -0.71 0.00	29.84 -1.28 0.00	28.93 -0.71 0.00	26.77 -0.68 -0.06	26.30 -0.43 -0.06	26.00 -0.48 -0.02	26.34 -0.73 -0.09	26.28 -0.70 -0.22	26.89 -0.85 -0.32	28.59 -0.75 -0.43	36.04 -1.22 -0.19	40.65 -2.02 -0.59	46.31 -1.93 -0.03	44.02 -1.46 0.00	42.27 -1.26 0.00	37.94 -1.42 0.00	33.26 -1.28 0.00	29.90 -0.52 0.00
ORANGEVILLE___ESR 323794	29.31 -0.21 0.00	25.68 -0.21 0.00	23.59 -0.31 0.00	21.94 -0.27 0.00	21.68 -0.31 0.00	23.92 -0.36 0.00	27.85 -0.71 0.00	29.84 -1.28 0.00	28.93 -0.71 0.00	26.77 -0.68 -0.06	26.30 -0.43 -0.06	26.00 -0.48 -0.02	26.34 -0.73 -0.09	26.28 -0.70 -0.22	26.89 -0.85 -0.32	28.59 -0.75 -0.43	36.04 -1.22 -0.19	40.65 -2.02 -0.59	46.31 -1.93 -0.03	44.02 -1.46 0.00	42.27 -1.26 0.00	37.94 -1.42 0.00	33.26 -1.28 0.00	29.90 -0.52 0.00
OSWEGATCHIE___HYD 24044	29.40 -0.12 0.00	26.04 0.16 0.00	23.99 0.10 0.00	22.23 0.02 0.00	22.07 0.09 0.00	24.33 0.05 0.00	28.62 0.06 0.00	31.18 0.06 0.00	29.49 -0.15 0.00	27.14 -0.25 0.00	26.41 -0.27 0.00	26.19 -0.26 0.00	26.60 -0.38 0.00	26.30 -0.46 0.00	26.98 -0.44 0.00	28.62 -0.29 0.00	36.85 -0.22 0.00	41.69 -0.38 0.00	48.02 -0.19 0.00	45.39 -0.09 0.00	43.84 0.31 0.00	39.83 0.47 0.00	35.20 0.65 0.00	30.90 0.49 0.00
OSWEGO___5 23606	28.98 -0.53 0.00	25.42 -0.47 0.00	23.42 -0.48 0.00	21.76 -0.44 0.00	21.55 -0.44 0.00	23.77 -0.51 0.00	27.93 -0.63 0.00	30.25 -0.87 0.00	28.87 -0.77 0.00	26.68 -0.71 0.00	26.01 -0.67 0.00	25.80 -0.66 0.00	26.22 -0.76 0.00	26.03 -0.72 0.00	26.70 -0.71 0.00	28.19 -0.72 0.00	36.08 -1.00 0.00	40.85 -1.22 0.00	46.86 -1.35 0.00	44.30 -1.18 0.00	42.40 -1.13 0.00	38.30 -1.06 0.00	33.57 -0.97 0.00	29.62 -0.79 0.00
OSWEGO___6 23613	28.98 -0.53 0.00	25.42 -0.47 0.00	23.42 -0.48 0.00	21.76 -0.44 0.00	21.55 -0.44 0.00	23.77 -0.51 0.00	27.93 -0.63 0.00	30.25 -0.87 0.00	28.87 -0.77 0.00	26.68 -0.71 0.00	26.01 -0.67 0.00	25.80 -0.66 0.00	26.22 -0.76 0.00	26.03 -0.72 0.00	26.70 -0.71 0.00	28.19 -0.72 0.00	36.08 -1.00 0.00	40.85 -1.22 0.00	46.86 -1.35 0.00	44.30 -1.18 0.00	42.40 -1.13 0.00	38.30 -1.06 0.00	33.57 -0.97 0.00	29.62 -0.79 0.00

OUTOKUMPU-AB___DRP 24206	28.95 -0.56 0.00	25.32 -0.57 0.00	23.30 -0.60 0.00	21.67 -0.53 0.00	21.41 -0.57 0.00	23.60 -0.68 0.00	27.07 -1.49 0.00	29.37 -1.74 0.00	28.66 -0.98 0.00	26.56 -0.88 -0.05	26.13 -0.59 -0.04	25.84 -0.63 -0.02	26.16 -0.89 -0.08	26.05 -0.88 -0.18	26.66 -1.01 -0.26	28.29 -0.95 -0.34	35.63 -1.59 -0.15	40.12 -2.44 -0.49	45.39 -2.84 -0.02	43.34 -2.14 0.00	41.62 -1.92 0.00	37.39 -1.97 0.00	32.71 -1.83 0.00	29.65 -0.76 0.00
OXBOW___BTM 323836	28.60 -0.92 0.00	25.08 -0.80 0.00	23.04 -0.86 0.00	21.43 -0.78 0.00	21.15 -0.84 0.00	23.33 -0.95 0.00	27.13 -1.43 0.00	29.00 -2.12 0.00	28.34 -1.30 0.00	26.26 -1.18 -0.05	25.89 -0.83 -0.04	25.62 -0.85 -0.01	25.94 -1.11 -0.07	25.83 -1.10 -0.18	26.33 -1.34 -0.26	27.86 -1.39 -0.34	35.19 -2.04 -0.15	39.65 -2.90 -0.48	45.14 -3.09 -0.02	42.84 -2.64 0.00	41.14 -2.39 0.00	36.92 -2.44 0.00	32.43 -2.11 0.00	29.35 -1.07 0.00
OXBOW___ 24026	28.60 -0.91 0.00	25.01 -0.88 0.00	23.04 -0.86 0.00	21.43 -0.78 0.00	21.15 -0.84 0.00	23.31 -0.97 0.00	26.76 -1.80 0.00	29.00 -2.12 0.00	28.34 -1.30 0.00	26.26 -1.18 -0.05	25.84 -0.88 -0.04	25.55 -0.93 -0.01	25.89 -1.16 -0.07	25.76 -1.18 -0.18	26.35 -1.32 -0.25	27.97 -1.27 -0.34	35.15 -2.08 -0.15	39.65 -2.90 -0.48	44.81 -3.42 -0.02	42.84 -2.64 0.00	41.14 -2.39 0.00	36.96 -2.40 0.00	32.33 -2.21 0.00	29.35 -1.06 0.00
OXY_CHEM_DSASP 323612	28.13 -1.39 0.00	24.62 -1.27 0.00	22.68 -1.22 0.00	21.10 -1.11 0.00	20.84 -1.14 0.00	22.97 -1.31 0.00	26.36 -2.20 0.00	28.57 -2.55 0.00	27.92 -1.72 0.00	25.88 -1.56 -0.05	25.44 -1.28 -0.04	25.17 -1.30 -0.01	25.48 -1.56 -0.07	25.35 -1.58 -0.17	25.94 -1.73 -0.25	27.51 -1.73 -0.33	34.56 -2.67 -0.15	38.97 -3.58 -0.48	44.04 -4.19 -0.02	42.11 -3.37 0.00	40.49 -3.05 0.00	36.37 -2.99 0.00	31.78 -2.76 0.00	28.89 -1.52 0.00
OZONE_PARK_ESR 323760	32.17 2.66 0.00	28.04 2.15 0.00	25.90 2.01 0.00	24.07 1.87 0.00	23.83 1.85 0.00	26.27 1.99 0.00	30.79 2.23 0.00	33.82 2.71 0.00	32.40 2.76 0.00	32.19 2.55 -2.26	31.05 2.48 -1.90	36.71 2.46 -7.79	37.21 2.48 -7.76	40.01 2.57 -10.69	43.49 2.74 -13.33	44.73 2.80 -13.02	47.01 3.26 -6.67	64.14 3.66 -18.41	53.30 4.24 -0.85	49.12 3.64 0.00	46.80 3.27 0.00	42.39 3.03 0.00	37.03 2.49 0.00	32.50 2.07 -0.01
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.13 -1.39 0.00	24.62 -1.27 0.00	22.68 -1.22 0.00	21.10 -1.11 0.00	20.84 -1.14 0.00	22.97 -1.31 0.00	26.36 -2.20 0.00	28.57 -2.55 0.00	27.92 -1.72 0.00	25.88 -1.56 -0.05	25.44 -1.28 -0.04	25.17 -1.30 -0.01	25.48 -1.56 -0.07	25.35 -1.58 -0.17	25.94 -1.73 -0.25	27.51 -1.73 -0.33	34.56 -2.67 -0.15	38.97 -3.58 -0.48	44.04 -4.19 -0.02	42.11 -3.37 0.00	40.49 -3.05 0.00	36.37 -2.99 0.00	31.78 -2.76 0.00	28.89 -1.52 0.00
PACKARD___115KV_DUPONT_184 80571	28.13 -1.39 0.00	24.62 -1.27 0.00	22.68 -1.22 0.00	21.10 -1.11 0.00	20.84 -1.14 0.00	22.97 -1.31 0.00	26.36 -2.20 0.00	28.57 -2.55 0.00	27.92 -1.72 0.00	25.88 -1.56 -0.05	25.44 -1.28 -0.04	25.17 -1.30 -0.01	25.48 -1.56 -0.07	25.35 -1.58 -0.17	25.94 -1.73 -0.25	27.51 -1.73 -0.33	34.56 -2.67 -0.15	38.97 -3.58 -0.48	44.04 -4.19 -0.02	42.11 -3.37 0.00	40.49 -3.05 0.00	36.37 -2.99 0.00	31.78 -2.76 0.00	28.89 -1.52 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.00 2.48 -0.01	27.86 1.97 -0.01	25.79 1.89 -0.01	23.99 1.78 -0.01	23.77 1.78 -0.01	26.20 1.92 0.00	30.47 1.91 0.00	33.45 2.33 0.00	32.04 2.40 0.00	31.89 2.25 -2.26	30.76 2.19 -1.90	33.79 2.06 -5.27	35.10 2.08 -6.04	38.24 2.17 -9.31	43.05 2.30 -13.33	44.29 2.37 -13.01	46.45 2.71 -6.66	63.42 2.95 -18.40	52.43 3.37 -0.85	48.34 2.87 0.00	46.02 2.48 0.00	41.84 2.48 0.00	36.72 2.18 0.00	32.34 1.92 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	32.29 2.77 -0.01	28.12 2.23 -0.01	26.03 2.13 -0.01	24.21 2.00 -0.01	23.99 2.00 -0.01	26.42 2.14 0.00	30.67 2.11 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.05 2.41 -2.26	30.90 2.32 -1.90	33.92 2.20 -5.27	35.23 2.21 -6.04	38.37 2.30 -9.31	43.19 2.44 -13.33	44.43 2.51 -13.01	46.63 2.89 -6.66	63.67 3.20 -18.40	52.67 3.62 -0.85	48.57 3.09 0.00	46.28 2.74 0.00	42.03 2.68 0.00	36.92 2.38 0.00	32.53 2.10 -0.01
PATROON___115KV_TB1 80586	30.13 0.62 0.00	26.43 0.54 0.00	24.45 0.55 0.00	22.69 0.49 0.00	22.47 0.48 0.00	24.79 0.51 0.00	29.02 0.46 0.00	31.61 0.50 0.00	30.03 0.39 0.00	27.26 0.38 0.51	26.79 0.45 0.33	26.52 0.42 0.36	26.87 0.43 0.54	26.29 0.48 0.94	26.77 0.66 1.30	27.94 0.64 1.60	36.18 0.52 1.41	40.31 0.50 2.27	48.78 0.67 0.10	46.02 0.55 0.00	44.01 0.48 0.00	39.79 0.43 0.00	34.85 0.31 0.00	30.65 0.24 0.01
PATTRSNVILLE___SOLAR 323815	30.72 1.21 0.00	26.90 1.01 0.00	24.85 0.96 0.00	23.07 0.87 0.00	22.84 0.86 0.00	25.23 0.95 0.00	29.50 0.94 0.00	32.11 1.00 0.00	30.56 0.92 0.00	27.66 0.68 0.42	27.01 0.61 0.28	26.82 0.50 0.14	27.08 0.46 0.35	26.51 0.48 0.72	27.03 0.66 1.04	28.25 0.72 1.38	36.74 0.81 1.15	41.13 1.01 1.95	49.56 1.44 0.09	47.03 1.55 0.00	45.06 1.52 0.00	40.70 1.34 0.00	35.65 1.11 0.00	31.35 0.94 0.01
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.22 -0.30 0.00	25.55 -0.34 0.00	23.49 -0.41 0.00	21.87 -0.33 0.00	21.61 -0.37 0.00	23.82 -0.46 0.00	27.45 -1.11 0.00	29.84 -1.28 0.00	29.08 -0.56 0.00	26.95 -0.49 -0.06	26.48 -0.24 -0.05	26.18 -0.29 -0.02	26.55 -0.51 -0.08	26.42 -0.54 -0.20	27.10 -0.60 -0.28	28.82 -0.46 -0.38	36.39 -0.85 -0.17	41.01 -1.60 -0.53	46.50 -1.74 -0.02	44.25 -1.23 0.00	42.32 -1.22 0.00	38.02 -1.34 0.00	33.26 -1.28 0.00	30.02 -0.40 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.73 2.21 0.00	27.67 1.79 0.00	25.55 1.65 0.00	23.76 1.55 0.00	23.52 1.54 0.00	25.98 1.70 0.00	30.39 1.83 0.00	33.33 2.21 0.00	31.87 2.22 0.00	31.03 1.92 -1.72	29.93 1.87 -1.39	28.82 1.83 -0.54	30.96 1.83 -2.15	33.62 1.93 -4.94	36.59 2.08 -7.09	40.46 2.17 -9.39	44.78 2.63 -5.07	58.33 2.95 -13.31	52.29 3.47 -0.62	48.48 3.00 0.00	46.28 2.74 0.00	41.91 2.56 0.00	36.58 2.04 0.00	32.07 1.64 -0.01
PEEKSKILL___ 23653	31.55 2.03 0.00	27.52 1.63 0.00	25.43 1.53 0.00	23.67 1.47 0.00	23.44 1.45 0.00	25.84 1.56 0.00	30.19 1.63 0.00	33.20 2.09 0.00	31.78 2.14 0.00	31.57 1.92 -2.27	30.44 1.87 -1.90	32.39 1.85 -4.08	34.10 1.86 -5.27	37.43 1.93 -8.75	41.10 2.08 -11.61	44.24 2.17 -13.16	46.32 2.52 -6.73	63.45 2.78 -18.60	52.25 3.18 -0.86	48.25 2.77 0.00	45.97 2.44 0.00	41.64 2.28 0.00	36.41 1.86 0.00	31.95 1.52 -0.01
PGE MADISON___WINDPWR 24146	31.64 2.13 0.00	27.83 1.94 0.00	25.62 1.72 0.00	23.72 1.51 0.00	23.61 1.63 0.00	26.08 1.80 0.00	30.62 2.06 0.00	33.29 2.18 0.00	31.60 1.96 0.00	29.00 1.51 -0.11	28.26 1.49 -0.10	27.86 1.37 -0.03	28.16 1.02 -0.16	28.11 0.96 -0.39	29.13 1.15 -0.56	31.38 1.73 -0.74	39.58 2.19 -0.31	45.42 2.35 -0.99	51.77 3.52 -0.05	48.93 3.45 0.00	46.89 3.35 0.00	42.27 2.91 0.00	36.99 2.45 0.00	32.57 2.16 0.00

PIERCEFIELD___HYD 23852	29.04 -0.47 0.00	25.73 -0.16 0.00	23.73 -0.17 0.00	22.03 -0.18 0.00	21.83 -0.15 0.00	24.04 -0.24 0.00	28.42 -0.14 0.00	31.02 -0.09 0.00	29.35 -0.30 0.00	27.11 -0.27 0.00	26.33 -0.35 0.00	26.17 -0.29 0.00	26.76 -0.22 0.00	26.46 -0.29 0.00	27.01 -0.41 0.00	28.50 -0.40 0.00	36.82 -0.26 0.00	41.44 -0.63 0.00	47.24 -0.96 0.00	44.52 -0.96 0.00	43.58 0.04 0.00	39.67 0.31 0.00	35.23 0.69 0.00	30.93 0.52 0.00
PINELAWN_CC_1 323563	43.14 2.69 -10.95	31.31 2.25 -3.17	26.06 2.15 -0.01	24.24 2.02 -0.01	24.04 2.04 -0.01	26.48 2.19 -0.01	30.91 2.34 -0.01	34.45 2.86 -0.48	32.48 2.82 -0.02	32.43 2.49 -2.55	35.70 2.37 -6.66	38.71 2.33 -9.92	40.56 2.37 -11.21	40.92 2.43 -11.72	43.07 2.41 -13.24	44.74 2.46 -13.38	50.71 2.67 -10.96	63.39 2.99 -18.33	52.54 3.47 -0.86	48.81 3.32 -0.01	46.59 3.05 -0.01	42.00 2.64 -0.01	37.56 2.59 -0.43	34.15 2.22 -1.51
PJM_GEN_HTP_PROXY 323702	31.84 2.33 0.00	27.75 1.86 0.00	25.66 1.77 0.00	23.87 1.67 0.00	23.64 1.65 0.00	26.03 1.75 0.00	30.47 1.91 0.00	33.51 2.40 0.00	32.10 2.46 0.00	31.92 2.27 -2.26	30.76 2.19 -1.90	35.78 2.17 -7.15	36.48 2.18 -7.32	39.34 2.25 -10.34	42.87 2.44 -13.02	44.19 2.49 -12.79	46.83 2.86 -6.90	63.61 3.16 -18.38	52.68 3.62 -0.85	48.57 3.09 0.00	46.28 2.74 0.00	41.95 2.60 0.00	36.61 2.07 0.00	32.16 1.73 -0.01
PJM_GEN_KEystone 24065	30.19 0.68 0.00	26.38 0.49 0.00	24.33 0.43 0.00	22.65 0.44 0.00	22.40 0.42 0.00	24.72 0.44 0.00	28.84 0.29 0.00	31.49 0.37 0.00	30.29 0.65 0.00	29.12 0.58 -1.16	28.33 0.69 -0.97	29.12 0.63 -2.03	30.15 0.54 -2.64	31.71 0.56 -4.39	33.80 0.55 -5.83	36.01 0.69 -6.41	41.44 0.70 -3.66	51.98 0.55 -9.36	49.41 0.77 -0.43	46.16 0.68 0.00	44.06 0.52 0.00	39.71 0.35 0.00	34.79 0.24 0.00	30.85 0.43 -0.01
PJM_GEN_NEPTUNE_PROXY 323594	41.02 2.27 -9.24	30.45 1.89 -2.68	25.72 1.82 -0.01	23.95 1.73 -0.01	23.71 1.72 -0.01	26.13 1.84 -0.01	30.54 1.97 -0.01	33.95 2.43 -0.40	32.05 2.40 -0.01	32.02 2.14 -2.49	34.60 2.03 -5.90	35.91 1.99 -7.46	38.23 2.02 -9.23	39.22 2.06 -10.40	41.89 2.27 -12.20	44.32 2.34 -13.07	49.70 2.67 -9.95	63.39 2.99 -18.32	52.54 3.47 -0.85	48.62 3.14 -0.01	46.37 2.83 -0.01	41.81 2.44 -0.01	36.97 2.07 -0.36	33.49 1.79 -1.28
PJM_GEN_VFT_PROXY 323633	31.70 2.18 0.00	27.62 1.73 0.00	25.54 1.65 0.00	23.76 1.55 0.00	23.55 1.56 0.00	25.91 1.63 0.00	30.33 1.77 0.00	33.39 2.27 0.00	31.98 2.34 0.00	31.81 2.16 -2.26	30.68 2.11 -1.90	36.37 2.12 -7.79	36.86 2.13 -7.76	39.64 2.19 -10.69	43.10 2.36 -13.33	44.09 2.40 -12.79	46.71 2.74 -6.90	63.47 3.03 -18.36	52.53 3.47 -0.85	48.43 2.95 0.00	46.10 2.57 0.00	41.84 2.48 0.00	36.51 1.97 0.00	32.04 1.61 -0.01
PLATSBURG_115KV_PMLD1 355749	29.54 0.03 0.00	26.07 0.18 0.00	24.06 0.17 0.00	22.38 0.18 0.00	22.14 0.15 0.00	24.40 0.12 0.00	28.64 0.09 0.00	31.30 0.19 0.00	29.73 0.09 0.00	27.50 0.11 0.00	26.70 0.03 0.00	26.51 0.05 0.00	27.14 0.16 0.00	26.89 0.13 0.00	27.44 0.03 0.00	28.91 0.00 0.00	37.37 0.30 0.00	42.54 0.46 0.00	48.35 0.14 0.00	45.57 0.09 0.00	43.93 0.39 0.00	40.22 0.87 0.00	35.44 0.90 0.00	31.14 0.73 0.00
PLEASANTVLY___LBMP 24000	31.14 1.62 0.00	27.21 1.32 0.00	25.19 1.29 0.00	23.41 1.20 0.00	23.17 1.19 0.00	25.57 1.29 0.00	29.90 1.34 0.00	32.77 1.65 0.00	31.33 1.69 0.00	28.64 1.51 0.25	27.73 1.47 0.41	27.37 1.43 0.52	27.22 1.43 1.18	25.77 1.53 2.51	25.59 1.65 3.47	26.29 1.68 4.30	38.00 1.89 0.96	38.07 2.10 6.11	50.38 2.46 0.28	47.57 2.09 0.00	45.41 1.87 0.00	41.09 1.73 0.00	35.92 1.38 0.00	31.52 1.09 -0.02
PLSNTVLE_13_KV_13.8KVDIST 80602	31.58 2.07 0.00	27.57 1.68 0.00	25.47 1.58 0.00	23.69 1.49 0.00	23.46 1.47 0.00	25.88 1.60 0.00	30.30 1.74 0.00	33.23 2.12 0.00	31.81 2.16 0.00	31.47 1.97 -2.11	30.31 1.92 -1.72	24.42 1.88 3.92	28.49 1.89 0.37	32.58 1.98 -3.85	36.39 2.14 -6.83	43.14 2.20 -12.03	45.87 2.52 -6.27	61.99 2.82 -17.10	52.28 3.28 -0.79	48.25 2.77 0.00	46.06 2.52 0.00	41.68 2.32 0.00	36.44 1.90 0.00	31.98 1.55 -0.01
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.58 2.07 0.00	27.57 1.68 0.00	25.47 1.58 0.00	23.69 1.49 0.00	23.46 1.47 0.00	25.88 1.60 0.00	30.30 1.74 0.00	33.23 2.12 0.00	31.81 2.16 0.00	31.47 1.97 -2.11	30.31 1.92 -1.72	24.42 1.88 3.92	28.49 1.89 0.37	32.58 1.98 -3.85	36.39 2.14 -6.83	43.14 2.20 -12.03	45.87 2.52 -6.27	61.99 2.82 -17.10	52.28 3.28 -0.79	48.25 2.77 0.00	46.06 2.52 0.00	41.68 2.32 0.00	36.44 1.90 0.00	31.98 1.55 -0.01
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.40 1.89 0.00	27.44 1.55 0.00	25.35 1.46 0.00	23.56 1.35 0.00	23.33 1.34 0.00	25.79 1.51 0.00	30.16 1.60 0.00	33.02 1.90 0.00	31.54 1.90 0.00	30.05 1.67 -0.99	28.98 1.57 -0.73	28.06 1.53 -0.07	29.42 1.56 -0.88	30.60 1.66 -2.19	32.41 1.78 -3.22	35.18 1.85 -4.42	42.15 2.22 -2.85	50.78 2.44 -6.27	51.39 2.89 -0.29	47.93 2.46 0.00	45.75 2.22 0.00	41.36 2.01 0.00	36.20 1.66 0.00	31.74 1.31 -0.01
POLETTI____ 23519	31.81 2.30 0.00	27.75 1.86 0.00	25.66 1.77 0.00	23.85 1.64 0.00	23.63 1.65 0.00	26.05 1.77 0.00	30.47 1.91 0.00	33.47 2.36 0.02	32.06 2.43 0.02	31.88 2.25 -2.24	30.72 2.16 -1.89	36.39 2.14 -7.79	36.92 2.19 -7.76	39.69 2.25 -10.68	43.13 2.39 -13.33	44.37 2.46 -13.00	46.55 2.82 -6.65	63.58 3.11 -18.39	52.66 3.62 -0.83	48.51 3.05 0.02	46.22 2.70 0.02	41.91 2.56 0.00	36.61 2.07 0.00	32.13 1.70 -0.01
POMONA___ESR 323819	31.52 2.01 0.00	27.49 1.61 0.00	25.40 1.51 0.00	23.63 1.42 0.00	23.39 1.41 0.00	25.81 1.53 0.00	30.19 1.63 0.00	33.20 2.09 0.00	31.75 2.10 0.00	31.41 1.92 -2.10	30.29 1.87 -1.76	31.60 1.85 -3.29	33.34 1.84 -4.53	36.45 1.90 -7.80	39.92 2.06 -10.45	43.16 2.14 -12.11	45.83 2.52 -6.23	62.01 2.82 -17.12	52.28 3.28 -0.79	48.30 2.82 0.00	46.01 2.48 0.00	41.64 2.28 0.00	36.41 1.86 0.00	31.95 1.52 -0.01
PORT_JEFF_3 23555	42.21 2.77 -9.93	31.07 2.30 -2.88	26.15 2.25 -0.01	24.33 2.11 -0.01	24.13 2.13 -0.01	26.55 2.26 -0.01	30.97 2.40 -0.01	34.51 2.96 -0.43	32.72 2.99 -0.08	32.60 2.63 -2.59	35.36 2.48 -6.21	37.34 2.43 -8.46	39.54 2.53 -10.03	40.33 2.57 -11.00	42.83 2.80 -12.62	45.23 2.92 -13.40	60.81 3.30 -20.43	64.06 3.66 -18.32	53.26 4.19 -0.86	49.49 4.00 -0.01	47.29 3.74 -0.01	42.47 3.11 -0.01	37.52 2.59 -0.39	34.01 2.22 -1.37
PORT_JEFF_4 23616	42.21 2.77 -9.93	31.07 2.30 -2.88	26.15 2.25 -0.01	24.33 2.11 -0.01	24.13 2.13 -0.01	26.55 2.26 -0.01	30.97 2.40 -0.01	34.51 2.96 -0.43	32.72 2.99 -0.08	32.60 2.63 -2.59	35.36 2.48 -6.21	37.34 2.43 -8.46	39.54 2.53 -10.03	40.33 2.57 -11.00	42.83 2.80 -12.62	45.23 2.92 -13.40	60.81 3.30 -20.43	64.06 3.66 -18.32	53.26 4.19 -0.86	49.49 4.00 -0.01	47.29 3.74 -0.01	42.47 3.11 -0.01	37.52 2.59 -0.39	34.01 2.22 -1.37

PORT_JEFF_IC 23713	42.28 2.80 -9.96	31.10 2.33 -2.89	26.18 2.27 -0.01	24.35 2.13 -0.01	24.13 2.13 -0.01	26.60 2.31 -0.01	31.03 2.46 -0.01	34.54 2.99 -0.43	32.76 3.02 -0.09	32.64 2.66 -2.60	35.40 2.51 -6.22	37.48 2.51 -8.51	39.69 2.64 -10.07	40.53 2.73 -11.04	42.91 2.85 -12.64	45.27 2.95 -13.41	62.48 3.37 -22.03	63.98 3.53 -18.37	53.21 4.15 -0.86	49.54 4.05 -0.01	47.29 3.74 -0.01	42.51 3.15 -0.01	37.59 2.66 -0.39	34.01 2.22 -1.38
PPL PILGRIM_ST_GT1 24216	42.56 2.95 -10.09	31.24 2.43 -2.93	26.25 2.34 -0.01	24.41 2.20 -0.01	24.21 2.22 -0.01	26.67 2.38 -0.01	31.14 2.57 -0.01	34.67 3.11 -0.44	32.72 3.05 -0.02	32.61 2.69 -2.53	35.57 2.62 -6.28	37.72 2.57 -8.70	39.84 2.65 -10.22	40.53 2.70 -11.08	43.07 2.94 -12.72	45.29 3.03 -13.35	52.60 3.37 -12.15	64.35 3.95 -18.33	53.59 4.53 -0.86	49.72 4.23 -0.01	47.46 3.92 -0.01	42.67 3.31 -0.01	37.73 2.80 -0.39	34.19 2.37 -1.40
PPL PILGRIM_ST_GT2 24217	42.56 2.95 -10.09	31.24 2.43 -2.93	26.25 2.34 -0.01	24.41 2.20 -0.01	24.21 2.22 -0.01	26.67 2.38 -0.01	31.14 2.57 -0.01	34.67 3.11 -0.44	32.72 3.05 -0.02	32.61 2.69 -2.53	35.57 2.62 -6.28	37.72 2.57 -8.70	39.84 2.65 -10.22	40.53 2.70 -11.08	43.07 2.94 -12.72	45.29 3.03 -13.35	52.60 3.37 -12.15	64.35 3.95 -18.33	53.59 4.53 -0.86	49.72 4.23 -0.01	47.46 3.92 -0.01	42.67 3.31 -0.01	37.73 2.80 -0.39	34.19 2.37 -1.40
PPL_SHRM_GT3 24213	41.84 2.39 -9.94	30.71 1.94 -2.88	25.87 1.96 -0.01	24.06 1.84 -0.01	23.86 1.87 -0.01	26.30 2.01 -0.01	30.57 2.00 -0.01	34.16 2.61 -0.43	32.57 2.85 -0.08	32.47 2.49 -2.59	34.99 2.11 -6.22	37.00 2.06 -8.48	39.21 2.18 -10.05	39.99 2.22 -11.02	42.48 2.44 -12.63	44.86 2.54 -13.40	60.58 2.82 -20.69	63.64 3.24 -18.33	52.78 3.71 -0.86	48.90 3.41 -0.01	46.76 3.22 -0.01	41.92 2.56 -0.01	37.00 2.07 -0.39	33.52 1.73 -1.38
PPL_SHRM_GT4 24214	41.84 2.39 -9.94	30.71 1.94 -2.88	25.87 1.96 -0.01	24.06 1.84 -0.01	23.86 1.87 -0.01	26.30 2.01 -0.01	30.57 2.00 -0.01	34.16 2.61 -0.43	32.57 2.85 -0.08	32.47 2.49 -2.59	34.99 2.11 -6.22	37.00 2.06 -8.48	39.21 2.18 -10.05	39.99 2.22 -11.02	42.48 2.44 -12.63	44.86 2.54 -13.40	60.58 2.82 -20.69	63.64 3.24 -18.33	52.78 3.71 -0.86	48.90 3.41 -0.01	46.76 3.22 -0.01	41.92 2.56 -0.01	37.00 2.07 -0.39	33.52 1.73 -1.38
PROJECT___ORANGE 1 24174	29.51 0.00 0.00	25.86 -0.03 0.00	23.82 -0.07 0.00	22.14 -0.07 0.00	21.92 -0.07 0.00	24.18 -0.10 0.00	28.36 -0.20 0.00	30.81 -0.31 0.00	29.46 -0.18 0.00	27.17 -0.22 0.00	26.51 -0.16 0.00	26.24 -0.21 0.00	26.71 -0.27 0.00	26.49 -0.27 0.00	27.22 -0.19 0.00	28.79 -0.12 0.00	36.74 -0.33 0.00	41.48 -0.59 0.00	47.58 -0.63 0.00	45.02 -0.45 0.00	43.10 -0.44 0.00	38.88 -0.47 0.00	34.06 -0.48 0.00	30.08 -0.33 0.00
PROJECT___ORANGE 2 24166	29.51 0.00 0.00	25.86 -0.03 0.00	23.82 -0.07 0.00	22.14 -0.07 0.00	21.92 -0.07 0.00	24.18 -0.10 0.00	28.36 -0.20 0.00	30.81 -0.31 0.00	29.46 -0.18 0.00	27.17 -0.22 0.00	26.51 -0.16 0.00	26.24 -0.21 0.00	26.71 -0.27 0.00	26.49 -0.27 0.00	27.22 -0.19 0.00	28.79 -0.12 0.00	36.74 -0.33 0.00	41.48 -0.59 0.00	47.58 -0.63 0.00	45.02 -0.45 0.00	43.10 -0.44 0.00	38.88 -0.47 0.00	34.06 -0.48 0.00	30.08 -0.33 0.00
PUCKETT___SOLAR 323809	30.31 0.80 0.00	26.56 0.67 0.00	24.45 0.55 0.00	22.72 0.51 0.00	22.51 0.53 0.00	24.86 0.58 0.00	29.13 0.57 0.00	31.65 0.53 0.00	30.20 0.56 0.00	27.89 0.38 -0.12	27.18 0.40 -0.11	26.81 0.32 -0.04	27.34 0.19 -0.18	27.34 0.16 -0.42	28.27 0.25 -0.60	30.20 0.49 -0.80	37.97 0.56 -0.34	43.66 0.51 -1.08	49.17 0.91 -0.05	46.48 1.00 0.00	44.49 0.96 0.00	40.10 0.75 0.00	35.16 0.62 0.00	31.05 0.64 0.00
PYRITES___HYD 24023	29.60 0.09 0.00	26.25 0.36 0.00	24.18 0.29 0.00	22.43 0.22 0.00	22.25 0.26 0.00	24.50 0.22 0.00	28.99 0.43 0.00	31.58 0.47 0.00	29.79 0.15 0.00	27.50 0.11 0.00	26.67 0.00 0.00	26.51 0.05 0.00	27.08 0.11 0.00	26.78 0.03 0.00	27.33 -0.08 0.00	28.88 -0.03 0.00	37.41 0.33 0.00	42.41 0.34 0.00	48.59 0.39 0.00	45.84 0.36 0.00	44.40 0.87 0.00	40.38 1.02 0.00	35.79 1.24 0.00	31.36 0.94 0.00
QUAKERRD_115KV_BK1 80622	28.57 -0.94 0.00	25.06 -0.83 0.00	23.06 -0.84 0.00	21.41 -0.80 0.00	21.17 -0.81 0.00	23.33 -0.95 0.00	27.16 -1.40 0.00	29.62 -1.49 0.00	28.58 -1.07 0.00	26.35 -1.04 0.00	25.77 -0.91 0.00	25.56 -0.90 0.00	25.87 -1.11 0.00	25.66 -1.10 0.00	26.29 -1.12 0.00	27.87 -1.04 0.00	35.52 -1.56 0.00	40.01 -2.06 0.00	45.85 -2.36 0.00	43.61 -1.86 0.00	41.79 -1.74 0.00	37.62 -1.73 0.00	32.92 -1.62 0.00	29.38 -1.03 0.00
QUENSBRY_115KV_TB8 356137	31.61 2.10 0.00	27.72 1.84 0.00	25.57 1.67 0.00	23.74 1.53 0.00	23.44 1.45 0.00	25.76 1.48 0.00	30.16 1.60 0.00	32.77 1.65 0.00	31.12 1.48 0.51	28.01 1.12 0.32	27.39 1.04 0.17	27.29 1.01 0.40	27.50 0.92 0.80	26.89 0.94 1.15	27.52 1.26 1.53	28.82 1.45 1.53	37.34 1.67 1.40	41.92 2.02 2.17	50.76 2.65 0.10	48.16 2.68 0.00	46.15 2.61 0.00	41.68 2.32 0.00	36.44 1.90 0.00	32.29 1.89 0.01
RAMAPO___LBMP 323565	31.40 1.89 0.00	27.39 1.50 0.00	25.31 1.41 0.00	23.54 1.33 0.00	23.30 1.32 0.00	25.74 1.46 0.00	30.10 1.54 0.00	33.05 1.93 0.00	31.63 1.99 0.00	31.24 1.81 -2.04	30.11 1.73 -1.70	31.25 1.72 -3.08	33.01 1.73 -4.31	36.03 1.79 -7.48	39.39 1.92 -10.05	42.62 1.99 -11.71	45.49 2.37 -6.04	61.28 2.61 -16.59	52.01 3.04 -0.77	48.07 2.59 0.00	45.80 2.26 0.00	41.48 2.13 0.00	36.27 1.73 0.00	31.83 1.40 -0.01
RANKINE____ 23646	29.19 -0.32 0.00	25.52 -0.36 0.00	23.49 -0.41 0.00	21.85 -0.36 0.00	21.59 -0.40 0.00	23.79 -0.49 0.00	27.36 -1.20 0.00	29.72 -1.40 0.00	28.96 -0.68 0.00	26.87 -0.58 -0.05	26.40 -0.32 -0.05	26.10 -0.37 -0.02	26.44 -0.62 -0.08	26.33 -0.62 -0.19	26.98 -0.71 -0.28	28.67 -0.61 -0.36	36.09 -1.15 -0.16	40.66 -1.94 -0.52	46.01 -2.22 -0.02	43.93 -1.55 0.00	42.10 -1.44 0.00	37.82 -1.53 0.00	33.09 -1.45 0.00	29.93 -0.49 0.00
RAVENSWOOD_GT2_1 24244	31.84 2.33 0.00	27.78 1.89 0.00	25.69 1.79 0.00	23.87 1.67 0.00	23.66 1.67 0.00	26.08 1.80 0.00	30.53 1.97 0.00	33.54 2.43 0.00	32.10 2.46 0.00	31.92 2.27 -2.26	30.79 2.21 -1.90	36.97 2.14 -8.37	37.31 2.19 -8.15	40.03 2.27 -11.00	43.44 2.41 -13.61	44.41 2.49 -13.01	46.60 2.85 -6.66	63.63 3.16 -18.40	52.72 3.66 -0.85	48.57 3.09 0.00	46.28 2.74 0.00	41.95 2.60 0.00	36.68 2.14 0.00	32.19 1.76 -0.01
RAVENSWOOD_GT2_2 24245	31.84 2.33 0.00	27.78 1.89 0.00	25.69 1.79 0.00	23.87 1.67 0.00	23.66 1.67 0.00	26.08 1.80 0.00	30.53 1.97 0.00	33.54 2.43 0.00	32.10 2.46 0.00	31.92 2.27 -2.26	30.79 2.21 -1.90	36.97 2.14 -8.37	37.31 2.19 -8.15	40.03 2.27 -11.00	43.44 2.41 -13.61	44.41 2.49 -13.01	46.60 2.85 -6.66	63.63 3.16 -18.40	52.72 3.66 -0.85	48.57 3.09 0.00	46.28 2.74 0.00	41.95 2.60 0.00	36.68 2.14 0.00	32.19 1.76 -0.01



RAVENSWOOD_GT2_3 24246	31.87 2.36 0.00	27.80 1.92 0.00	25.69 1.79 0.00	23.89 1.69 0.00	23.66 1.67 0.00	26.08 1.80 0.00	30.53 1.97 0.00	33.54 2.43 0.00	32.13 2.49 0.00	31.94 2.30 -2.26	30.79 2.21 -1.90	37.00 2.17 -8.37	37.31 2.19 -8.15	40.03 2.27 -11.00	43.44 2.41 -13.61	44.41 2.49 -13.01	46.63 2.89 -6.66	63.67 3.20 -18.40	52.77 3.71 -0.85	48.62 3.14 0.00	46.32 2.79 0.00	41.99 2.64 0.00	36.68 2.14 0.00	32.22 1.79 -0.01
RAVENSWOOD_GT2_4 24247	31.87 2.36 0.00	27.80 1.92 0.00	25.69 1.79 0.00	23.89 1.69 0.00	23.66 1.67 0.00	26.08 1.80 0.00	30.53 1.97 0.00	33.54 2.43 0.00	32.13 2.49 0.00	31.94 2.30 -2.26	30.79 2.21 -1.90	37.00 2.17 -8.37	37.31 2.19 -8.15	40.03 2.27 -11.00	43.44 2.41 -13.61	44.41 2.49 -13.01	46.63 2.89 -6.66	63.67 3.20 -18.40	52.77 3.71 -0.85	48.62 3.14 0.00	46.32 2.79 0.00	41.99 2.64 0.00	36.68 2.14 0.00	32.22 1.79 -0.01
RAVENSWOOD_GT3_1 24248	31.87 2.36 0.00	27.78 1.89 0.00	25.69 1.79 0.00	23.87 1.67 0.00	23.66 1.67 0.00	26.08 1.80 0.00	30.53 1.97 0.00	33.54 2.43 0.00	32.10 2.46 0.00	31.92 2.27 -2.26	30.79 2.21 -1.90	37.00 2.17 -8.37	37.31 2.19 -8.15	40.03 2.27 -11.00	43.44 2.41 -13.61	44.41 2.49 -13.01	46.60 2.85 -6.66	63.63 3.16 -18.40	52.72 3.66 -0.85	48.57 3.09 0.00	46.32 2.79 0.00	41.99 2.64 0.00	36.68 2.14 0.00	32.19 1.76 -0.01
RAVENSWOOD_GT3_2 24249	31.87 2.36 0.00	27.78 1.89 0.00	25.69 1.79 0.00	23.87 1.67 0.00	23.66 1.67 0.00	26.08 1.80 0.00	30.53 1.97 0.00	33.54 2.43 0.00	32.10 2.46 0.00	31.92 2.27 -2.26	30.79 2.21 -1.90	37.00 2.17 -8.37	37.31 2.19 -8.15	40.03 2.27 -11.00	43.44 2.41 -13.61	44.41 2.49 -13.01	46.60 2.85 -6.66	63.63 3.16 -18.40	52.72 3.66 -0.85	48.57 3.09 0.00	46.32 2.79 0.00	41.99 2.64 0.00	36.68 2.14 0.00	32.19 1.76 -0.01
RAVENSWOOD_GT3_3 24250	31.90 2.39 0.00	27.83 1.94 0.00	25.71 1.82 0.00	23.92 1.71 0.00	23.68 1.69 0.00	26.10 1.82 0.00	30.56 2.00 0.00	33.58 2.46 0.00	32.16 2.52 0.00	31.97 2.33 -2.26	30.82 2.24 -1.90	37.03 2.20 -8.37	37.36 2.24 -8.15	40.08 2.33 -11.00	43.50 2.47 -13.61	44.46 2.54 -13.01	46.67 2.93 -6.66	63.71 3.24 -18.40	52.82 3.76 -0.85	48.66 3.18 0.00	46.36 2.83 0.00	42.03 2.68 0.00	36.75 2.21 0.00	32.25 1.82 -0.01
RAVENSWOOD_GT3_4 24251	31.90 2.39 0.00	27.83 1.94 0.00	25.71 1.82 0.00	23.92 1.71 0.00	23.68 1.69 0.00	26.10 1.82 0.00	30.56 2.00 0.00	33.58 2.46 0.00	32.16 2.52 0.00	31.97 2.33 -2.26	30.82 2.24 -1.90	37.03 2.20 -8.37	37.36 2.24 -8.15	40.08 2.33 -11.00	43.50 2.47 -13.61	44.46 2.54 -13.01	46.67 2.93 -6.66	63.71 3.24 -18.40	52.82 3.76 -0.85	48.66 3.18 0.00	46.36 2.83 0.00	42.03 2.68 0.00	36.75 2.21 0.00	32.25 1.82 -0.01
RAVENSWOOD_GT_1 23729	32.03 2.51 -0.01	27.92 2.02 -0.01	25.82 1.91 -0.01	23.99 1.78 -0.01	23.78 1.78 -0.01	26.20 1.92 0.00	30.59 2.03 0.00	33.64 2.52 0.00	32.22 2.58 0.00	32.05 2.41 -2.26	30.92 2.35 -1.90	37.05 2.22 -8.37	37.36 2.24 -8.15	40.08 2.33 -11.00	43.50 2.47 -13.61	44.46 2.54 -13.01	46.63 2.89 -6.66	63.67 3.20 -18.40	52.72 3.66 -0.85	48.57 3.09 0.00	46.28 2.74 0.00	42.03 2.68 0.00	36.79 2.25 0.00	32.38 1.95 -0.02
RAVENSWOOD_GT_10 24258	31.84 2.33 0.00	27.78 1.89 0.00	25.69 1.79 0.00	23.87 1.67 0.00	23.66 1.67 0.00	26.08 1.80 0.00	30.53 1.97 0.00	33.54 2.43 0.00	32.10 2.46 0.00	31.92 2.27 -2.26	30.79 2.21 -1.90	37.00 2.17 -8.37	37.31 2.19 -8.15	40.03 2.27 -11.00	43.44 2.41 -13.61	44.41 2.49 -13.01	46.60 2.85 -6.66	63.63 3.16 -18.40	52.72 3.66 -0.85	48.57 3.09 0.00	46.32 2.79 0.00	41.99 2.64 0.00	36.68 2.14 0.00	32.19 1.76 -0.01
RAVENSWOOD_GT_11 24259	31.84 2.33 0.00	27.78 1.89 0.00	25.69 1.79 0.00	23.87 1.67 0.00	23.66 1.67 0.00	26.08 1.80 0.00	30.53 1.97 0.00	33.54 2.43 0.00	32.10 2.46 0.00	31.92 2.27 -2.26	30.79 2.21 -1.90	37.00 2.17 -8.37	37.31 2.19 -8.15	40.03 2.27 -11.00	43.44 2.41 -13.61	44.41 2.49 -13.01	46.60 2.85 -6.66	63.63 3.16 -18.40	52.72 3.66 -0.85	48.57 3.09 0.00	46.32 2.79 0.00	41.99 2.64 0.00	36.68 2.14 0.00	32.19 1.76 -0.01
RAVENSWOOD_GT_4 24252	31.84 2.33 0.01	27.75 1.86 0.01	25.66 1.77 0.01	23.87 1.67 0.01	23.63 1.65 0.01	26.05 1.77 0.00	30.53 1.97 0.00	33.51 2.40 0.00	32.10 2.46 0.00	31.92 2.27 -2.26	30.76 2.19 -1.90	36.97 2.14 -8.37	37.31 2.19 -8.15	40.03 2.27 -11.00	43.44 2.41 -13.61	44.41 2.49 -13.01	46.60 2.85 -6.66	63.63 3.16 -18.40	52.72 3.66 -0.85	48.62 3.14 0.00	46.32 2.79 0.00	41.99 2.64 0.00	36.68 2.14 0.00	32.19 1.76 -0.01
RAVENSWOOD_GT_5 24254	31.84 2.33 0.01	27.75 1.86 0.01	25.66 1.77 0.01	23.87 1.67 0.01	23.63 1.65 0.01	26.05 1.77 0.00	30.53 1.97 0.00	33.51 2.40 0.00	32.10 2.46 0.00	31.92 2.27 -2.26	30.76 2.19 -1.90	36.97 2.14 -8.37	37.31 2.19 -8.15	40.03 2.27 -11.00	43.44 2.41 -13.61	44.41 2.49 -13.01	46.60 2.85 -6.66	63.63 3.16 -18.40	52.72 3.66 -0.85	48.62 3.14 0.00	46.32 2.79 0.00	41.99 2.64 0.00	36.68 2.14 0.00	32.19 1.76 -0.01
RAVENSWOOD_GT_6 24253	31.84 2.33 0.01	27.75 1.86 0.01	25.66 1.77 0.01	23.87 1.67 0.01	23.63 1.65 0.01	26.05 1.77 0.00	30.53 1.97 0.00	33.51 2.40 0.00	32.10 2.46 0.00	31.92 2.27 -2.26	30.76 2.19 -1.90	36.97 2.14 -8.37	37.31 2.19 -8.15	40.03 2.27 -11.00	43.44 2.41 -13.61	44.41 2.49 -13.01	46.60 2.85 -6.66	63.63 3.16 -18.40	52.72 3.66 -0.85	48.62 3.14 0.00	46.32 2.79 0.00	41.99 2.64 0.00	36.68 2.14 0.00	32.19 1.76 -0.01
RAVENSWOOD_GT_7 24255	31.84 2.33 0.01	27.75 1.86 0.01	25.66 1.77 0.01	23.87 1.67 0.01	23.63 1.65 0.01	26.05 1.77 0.00	30.53 1.97 0.00	33.51 2.40 0.00	32.10 2.46 0.00	31.92 2.27 -2.26	30.76 2.19 -1.90	36.97 2.14 -8.37	37.31 2.19 -8.15	40.03 2.27 -11.00	43.44 2.41 -13.61	44.41 2.49 -13.01	46.60 2.85 -6.66	63.63 3.16 -18.40	52.72 3.66 -0.85	48.62 3.14 0.00	46.32 2.79 0.00	41.99 2.64 0.00	36.68 2.14 0.00	32.19 1.76 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.84 2.33 0.00	27.78 1.89 0.00	25.69 1.79 0.00	23.87 1.67 0.00	23.66 1.67 0.00	26.08 1.80 0.00	30.53 1.97 0.00	33.54 2.43 0.00	32.10 2.46 0.00	31.92 2.27 -2.26	30.79 2.21 -1.90	37.00 2.17 -8.37	37.31 2.19 -8.15	40.03 2.27 -11.00	43.44 2.41 -13.61	44.41 2.49 -13.01	46.60 2.85 -6.66	63.63 3.16 -18.40	52.72 3.66 -0.85	48.57 3.09 0.00	46.32 2.79 0.00	41.99 2.64 0.00	36.68 2.14 0.00	32.19 1.76 -0.01
RAVENSWOOD_GT_9 24257	31.84 2.33 0.00	27.78 1.89 0.00	25.69 1.79 0.00	23.87 1.67 0.00	23.66 1.67 0.00	26.08 1.80 0.00	30.53 1.97 0.00	33.54 2.43 0.00	32.10 2.46 0.00	31.92 2.27 -2.26	30.79 2.21 -1.90	37.00 2.17 -8.37	37.31 2.19 -8.15	40.03 2.27 -11.00	43.44 2.41 -13.61	44.41 2.49 -13.01	46.60 2.85 -6.66	63.63 3.16 -18.40	52.72 3.66 -0.85	48.57 3.09 0.00	46.32 2.79 0.00	41.99 2.64 0.00	36.68 2.14 0.00	32.19 1.76 -0.01

RAVENSWOOD___1 23533	32.00 2.48 -0.01	27.89 1.99 -0.01	25.79 1.89 -0.01	23.99 1.78 -0.01	23.75 1.76 -0.01	26.10 1.82 0.00	30.53 1.97 0.00	33.61 2.49 0.00	32.19 2.55 0.00	32.03 2.38 -2.26	30.89 2.32 -1.90	37.02 2.19 -8.37	37.34 2.21 -8.15	40.03 2.27 -11.00	43.50 2.47 -13.61	44.46 2.54 -13.01	46.64 2.89 -6.67	63.62 3.20 -18.35	52.62 3.57 -0.85	48.57 3.09 0.00	46.23 2.70 0.00	41.99 2.64 0.00	36.75 2.21 0.00	32.35 1.92 -0.01
RAVENSWOOD___2 23534	32.00 2.48 -0.01	27.89 1.99 -0.01	25.79 1.89 -0.01	23.97 1.75 -0.01	23.75 1.76 -0.01	26.10 1.82 0.00	30.53 1.97 0.00	33.57 2.46 0.00	32.19 2.55 0.00	32.03 2.38 -2.26	30.87 2.29 -1.90	37.02 2.19 -8.37	37.31 2.18 -8.15	40.03 2.27 -11.00	43.47 2.44 -13.61	44.46 2.54 -13.01	46.60 2.86 -6.67	63.58 3.16 -18.35	52.62 3.57 -0.85	48.57 3.09 0.00	46.23 2.70 0.00	41.99 2.64 0.00	36.75 2.21 0.00	32.31 1.89 -0.01
RAVENSWOOD___3 23535	31.87 2.36 0.00	27.78 1.89 0.00	25.69 1.79 0.00	23.89 1.69 0.00	23.66 1.67 0.00	26.03 1.75 0.00	30.47 1.91 0.00	33.55 2.43 0.00	32.10 2.46 0.00	31.92 2.27 -2.26	30.79 2.21 -1.90	37.00 2.17 -8.37	37.31 2.18 -8.15	40.00 2.25 -11.00	43.44 2.41 -13.61	44.43 2.51 -13.01	46.60 2.86 -6.67	63.58 3.16 -18.35	52.67 3.62 -0.85	48.57 3.09 0.00	46.28 2.74 0.00	41.99 2.64 0.00	36.68 2.14 0.00	32.19 1.76 -0.01
RAVENSWOOD___4 23820	31.97 2.45 -0.01	27.86 1.97 -0.01	25.77 1.87 -0.01	23.97 1.75 -0.01	23.75 1.76 -0.01	26.10 1.82 0.00	30.50 1.94 0.00	33.57 2.46 0.00	32.16 2.52 0.00	32.00 2.36 -2.26	30.87 2.29 -1.90	37.02 2.19 -8.37	37.31 2.18 -8.15	40.03 2.27 -11.00	43.47 2.44 -13.61	44.46 2.54 -13.01	46.60 2.86 -6.67	63.58 3.16 -18.35	52.62 3.57 -0.85	48.53 3.05 0.00	46.23 2.70 0.00	41.99 2.64 0.00	36.75 2.21 0.00	32.31 1.89 -0.01
RCPL_TRUST___DRP 24196	31.90 2.39 0.00	27.80 1.92 0.00	25.71 1.82 0.00	23.89 1.69 0.00	23.68 1.69 0.00	26.10 1.82 0.00	30.59 2.03 0.00	33.58 2.46 0.00	32.16 2.52 0.00	31.97 2.33 -2.26	30.84 2.27 -1.90	35.83 2.22 -7.15	36.56 2.27 -7.32	39.45 2.35 -10.34	42.93 2.49 -13.02	44.47 2.54 -13.02	46.68 2.93 -6.67	63.74 3.24 -18.42	52.82 3.76 -0.85	48.66 3.18 0.00	46.36 2.83 0.00	42.03 2.68 0.00	36.68 2.14 0.00	32.22 1.79 -0.01
RED___ROCHESTER 323720	29.37 -0.15 0.00	25.81 -0.08 0.00	23.70 -0.19 0.00	22.01 -0.20 0.00	21.72 -0.26 0.00	23.94 -0.34 0.00	28.02 -0.54 0.00	30.37 -0.75 0.00	29.38 -0.27 0.00	27.09 -0.30 0.00	26.57 -0.11 0.00	26.35 -0.11 0.00	26.62 -0.35 0.00	26.44 -0.32 0.00	27.01 -0.41 0.00	28.62 -0.29 0.00	36.56 -0.52 0.00	41.11 -0.97 0.00	47.34 -0.87 0.00	44.89 -0.59 0.00	43.01 -0.52 0.00	38.69 -0.67 0.00	33.88 -0.66 0.00	30.26 -0.15 0.00
REGAN___SOLAR 323812	31.67 2.15 0.00	27.67 1.78 0.00	25.52 1.63 0.00	23.69 1.49 0.00	23.44 1.45 0.00	25.98 1.70 0.00	30.36 1.80 0.00	32.98 1.87 0.00	31.33 1.69 0.00	28.28 1.26 0.37	27.57 1.15 0.24	27.31 0.98 0.12	27.56 0.89 0.31	27.01 0.88 0.63	27.66 1.15 0.91	29.01 1.30 1.20	37.65 1.59 1.02	42.39 2.02 1.70	50.97 2.84 0.08	48.53 3.05 0.00	46.58 3.05 0.00	42.07 2.71 0.00	36.79 2.24 0.00	32.29 1.89 0.01
RENSSELAER___COGEN 23796	29.98 0.47 0.00	26.30 0.41 0.00	24.33 0.43 0.00	22.61 0.40 0.00	22.36 0.37 0.00	24.69 0.41 0.00	28.82 0.26 0.00	31.46 0.34 0.00	29.91 0.27 0.00	27.16 0.27 0.50	26.64 0.29 0.33	26.39 0.29 0.36	26.74 0.30 0.54	26.19 0.37 0.94	26.64 0.52 1.29	27.81 0.49 1.59	36.07 0.33 1.34	40.14 0.30 2.23	48.49 0.38 0.10	45.80 0.32 0.00	43.75 0.22 0.00	39.59 0.24 0.00	34.68 0.14 0.00	30.50 0.09 0.01
REPUBLIC_115KV_BARTNBK 55605	33.20 3.69 0.00	28.99 3.11 0.00	26.72 2.82 0.00	24.78 2.58 0.00	24.40 2.42 0.00	27.00 2.72 0.00	31.56 3.00 0.00	34.17 3.05 0.00	32.43 2.79 0.00	29.05 2.16 0.51	28.32 1.97 0.32	28.25 1.96 0.17	28.39 1.81 0.40	27.72 1.77 0.80	28.59 2.33 1.15	30.01 2.63 1.53	38.83 3.15 1.40	43.90 4.00 2.17	53.27 5.16 0.10	50.71 5.23 0.00	48.71 5.18 0.00	43.96 4.60 0.00	38.41 3.87 0.00	33.96 3.56 0.01
REVERE_CPPR_DRP 24186	30.49 0.97 0.00	26.82 0.93 0.00	24.71 0.81 0.00	22.89 0.69 0.00	22.73 0.75 0.00	25.11 0.83 0.00	29.44 0.89 0.00	32.08 0.96 0.00	30.50 0.86 0.00	28.05 0.66 0.00	27.34 0.67 0.00	27.06 0.61 0.00	27.38 0.40 0.00	27.13 0.37 0.00	27.91 0.49 0.00	29.66 0.75 0.00	38.04 0.96 0.00	43.13 1.05 0.00	49.75 1.54 0.00	47.02 1.55 0.00	45.10 1.57 0.00	40.73 1.38 0.00	35.72 1.17 0.00	31.39 0.97 0.00
REYNLDPA_13_KV_LD 356490	29.25 -0.27 0.00	25.84 -0.05 0.00	23.82 -0.07 0.00	22.16 -0.04 0.00	21.94 -0.04 0.00	24.16 -0.12 0.00	28.56 0.00 0.00	31.18 0.06 0.00	29.58 -0.06 0.00	27.39 0.00 0.00	26.62 -0.05 0.00	26.46 0.00 0.00	27.08 0.11 0.00	26.84 0.08 0.00	27.36 -0.05 0.00	28.82 -0.09 0.00	37.22 0.15 0.00	42.33 0.25 0.00	48.40 0.19 0.00	45.57 0.09 0.00	43.80 0.26 0.00	39.71 0.35 0.00	35.03 0.48 0.00	30.78 0.36 0.00
REYNOLDS_115KV_TB3 80639	30.19 0.68 0.00	26.48 0.60 0.00	24.52 0.62 0.00	22.76 0.56 0.00	22.53 0.55 0.00	24.84 0.56 0.00	29.10 0.54 0.00	31.71 0.59 0.00	30.18 0.53 0.00	27.29 0.47 0.56	26.79 0.48 0.36	26.55 0.48 0.38	26.86 0.46 0.57	26.30 0.54 0.99	26.73 0.69 1.37	27.92 0.69 1.68	36.11 0.59 1.56	40.27 0.59 2.39	48.82 0.72 0.11	46.12 0.64 0.00	44.10 0.57 0.00	39.83 0.47 0.00	34.89 0.35 0.00	30.65 0.24 0.01
RIVERBAY____ 323610	32.29 2.77 -0.01	28.12 2.23 -0.01	26.03 2.13 -0.01	24.21 2.00 -0.01	23.99 2.00 -0.01	26.42 2.14 0.00	30.67 2.11 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.05 2.41 -2.26	30.90 2.32 -1.90	33.92 2.20 -5.27	35.23 2.21 -6.04	38.37 2.30 -9.31	43.19 2.44 -13.33	44.43 2.51 -13.01	46.63 2.89 -6.66	63.67 3.20 -18.40	52.67 3.62 -0.85	48.57 3.09 0.00	46.28 2.74 0.00	42.03 2.68 0.00	36.92 2.38 0.00	32.53 2.10 -0.01
RIVERSDE_115KV_TB3 55908	30.10 0.59 0.00	26.43 0.54 0.00	24.42 0.53 0.00	22.69 0.49 0.00	22.47 0.48 0.00	24.77 0.49 0.00	29.02 0.46 0.00	31.61 0.50 0.00	30.06 0.41 0.00	27.24 0.38 0.54	26.75 0.43 0.35	26.51 0.42 0.37	26.83 0.40 0.56	26.27 0.48 0.97	26.71 0.63 1.34	27.87 0.61 1.65	36.07 0.48 1.48	40.20 0.46 2.33	48.73 0.63 0.11	45.98 0.50 0.00	43.97 0.44 0.00	39.75 0.39 0.00	34.82 0.28 0.00	30.59 0.18 0.01
ROARING___BROOK_WT_PWR 323790	29.28 -0.24 0.00	25.71 -0.18 0.00	23.75 -0.14 0.00	22.07 -0.13 0.00	21.85 -0.13 0.00	24.16 -0.12 0.00	28.45 -0.11 0.00	31.05 -0.06 0.00	29.55 -0.09 0.00	27.33 -0.05 0.00	26.59 -0.08 0.00	26.38 -0.08 0.00	26.92 -0.05 0.00	26.70 -0.05 0.00	27.33 -0.08 0.00	28.82 -0.09 0.00	37.00 -0.07 0.00	42.03 -0.04 0.00	48.11 -0.10 0.00	45.34 -0.14 0.00	43.40 -0.13 0.00	39.28 -0.08 0.00	34.51 -0.03 0.00	30.35 -0.06 0.00

ROCHESRG_115KV_T4 355643	29.07 -0.44 0.00	25.47 -0.41 0.00	23.44 -0.45 0.00	21.78 -0.42 0.00	21.52 -0.46 0.00	23.72 -0.56 0.00	27.56 -1.00 0.00	30.00 -1.12 0.00	29.02 -0.62 0.00	26.76 -0.63 0.00	26.22 -0.45 0.00	26.01 -0.45 0.00	26.30 -0.67 0.00	26.09 -0.67 0.00	26.70 -0.71 0.00	28.30 -0.61 0.00	36.04 -1.04 0.00	40.56 -1.51 0.00	46.47 -1.74 0.00	44.25 -1.23 0.00	42.45 -1.09 0.00	38.18 -1.18 0.00	33.40 -1.14 0.00	29.87 -0.55 0.00
ROCHESTER_9_IC 23652	29.25 -0.27 0.00	25.65 -0.23 0.00	23.61 -0.29 0.00	21.92 -0.29 0.00	21.66 -0.33 0.00	23.84 -0.44 0.00	27.70 -0.86 0.00	30.21 -0.90 0.00	29.23 -0.41 0.00	26.95 -0.44 0.00	26.41 -0.27 0.00	26.19 -0.26 0.00	26.46 -0.51 0.00	26.25 -0.51 0.00	26.90 -0.52 0.00	28.53 -0.38 0.00	36.33 -0.74 0.00	40.90 -1.18 0.00	46.86 -1.35 0.00	44.61 -0.86 0.00	42.79 -0.74 0.00	38.49 -0.87 0.00	33.64 -0.90 0.00	30.11 -0.30 0.00
ROCKVIEW_13_KV_LD 356306	31.81 2.30 0.00	27.75 1.86 0.00	25.64 1.74 0.00	23.85 1.64 0.00	23.61 1.63 0.00	26.05 1.77 0.00	30.50 1.94 0.00	33.48 2.36 0.00	32.07 2.43 0.00	31.85 2.22 -2.24	30.69 2.16 -1.86	27.52 2.12 1.05	30.86 2.13 -1.75	34.85 2.22 -5.87	38.73 2.39 -8.93	44.30 2.43 -12.97	46.60 2.85 -6.67	63.63 3.16 -18.40	52.72 3.66 -0.85	48.62 3.14 0.00	46.36 2.83 0.00	41.99 2.64 0.00	36.72 2.18 0.00	32.19 1.76 -0.01
ROME____115KV_TB2 80656	30.49 0.97 0.00	26.82 0.93 0.00	24.71 0.81 0.00	22.89 0.69 0.00	22.73 0.75 0.00	25.11 0.83 0.00	29.44 0.89 0.00	32.08 0.96 0.00	30.50 0.86 0.00	28.05 0.66 0.00	27.34 0.67 0.00	27.06 0.61 0.00	27.38 0.40 0.00	27.13 0.37 0.00	27.91 0.49 0.00	29.66 0.75 0.00	38.04 0.96 0.00	43.13 1.05 0.00	49.75 1.54 0.00	47.02 1.55 0.00	45.10 1.57 0.00	40.73 1.38 0.00	35.72 1.17 0.00	31.39 0.97 0.00
ROSETON___1 23587	31.22 1.71 0.00	27.26 1.37 0.00	25.21 1.31 0.00	23.45 1.24 0.00	23.22 1.23 0.00	25.59 1.31 0.00	29.93 1.37 0.00	32.86 1.74 0.00	31.42 1.78 0.00	30.79 1.59 -1.81	29.67 1.52 -1.47	28.08 1.51 -0.11	30.47 1.51 -1.98	33.37 1.58 -5.03	36.51 1.73 -7.36	40.71 1.76 -10.04	44.47 2.04 -5.35	58.49 2.23 -14.18	51.47 2.60 -0.66	47.71 2.23 0.00	45.50 1.96 0.00	41.21 1.85 0.00	36.03 1.48 0.00	31.61 1.18 -0.01
ROSETON___2 23588	31.22 1.71 0.00	27.26 1.37 0.00	25.21 1.31 0.00	23.45 1.24 0.00	23.22 1.23 0.00	25.59 1.31 0.00	29.93 1.37 0.00	32.86 1.74 0.00	31.42 1.78 0.00	30.79 1.59 -1.81	29.67 1.52 -1.47	28.08 1.51 -0.11	30.47 1.51 -1.98	33.37 1.58 -5.03	36.51 1.73 -7.36	40.71 1.76 -10.04	44.47 2.04 -5.35	58.49 2.23 -14.18	51.47 2.60 -0.66	47.71 2.23 0.00	45.50 1.96 0.00	41.21 1.85 0.00	36.03 1.48 0.00	31.61 1.18 -0.01
ROTRRDAM_115KV_TB3 80664	30.46 0.94 0.00	26.69 0.80 0.00	24.64 0.74 0.00	22.89 0.69 0.00	22.67 0.68 0.00	25.01 0.73 0.00	29.30 0.74 0.00	31.93 0.81 0.00	30.41 0.77 0.00	27.56 0.60 0.43	26.97 0.59 0.29	26.84 0.53 0.14	27.12 0.51 0.37	26.56 0.56 0.76	27.01 0.69 1.09	28.18 0.72 1.45	36.64 0.78 1.21	40.90 0.88 2.06	49.27 1.16 0.10	46.57 1.09 0.00	44.58 1.04 0.00	40.30 0.94 0.00	35.30 0.76 0.00	31.04 0.64 0.01
RUSSELL___1 23602	29.37 -0.15 0.00	25.78 -0.10 0.00	23.71 -0.19 0.00	22.01 -0.20 0.00	21.72 -0.26 0.00	23.94 -0.34 0.00	27.82 -0.74 0.00	30.37 -0.75 0.00	29.38 -0.27 0.00	27.09 -0.30 0.00	26.51 -0.16 0.00	26.32 -0.13 0.00	26.60 -0.38 0.00	26.38 -0.37 0.00	27.03 -0.38 0.00	28.68 -0.23 0.00	36.56 -0.52 0.00	41.11 -0.97 0.00	47.15 -1.06 0.00	44.89 -0.59 0.00	43.01 -0.52 0.00	38.69 -0.67 0.00	33.82 -0.73 0.00	30.26 -0.15 0.00
RUSSELL___2 23532	29.37 -0.15 0.00	25.78 -0.10 0.00	23.71 -0.19 0.00	22.01 -0.20 0.00	21.72 -0.26 0.00	23.94 -0.34 0.00	27.82 -0.74 0.00	30.37 -0.75 0.00	29.38 -0.27 0.00	27.09 -0.30 0.00	26.51 -0.16 0.00	26.32 -0.13 0.00	26.60 -0.38 0.00	26.38 -0.37 0.00	27.03 -0.38 0.00	28.68 -0.23 0.00	36.56 -0.52 0.00	41.11 -0.97 0.00	47.15 -1.06 0.00	44.89 -0.59 0.00	43.01 -0.52 0.00	38.69 -0.67 0.00	33.82 -0.73 0.00	30.26 -0.15 0.00
RUSSELL___3 23549	29.37 -0.15 0.00	25.78 -0.10 0.00	23.71 -0.19 0.00	22.01 -0.20 0.00	21.72 -0.26 0.00	23.94 -0.34 0.00	27.82 -0.74 0.00	30.37 -0.75 0.00	29.38 -0.27 0.00	27.09 -0.30 0.00	26.51 -0.16 0.00	26.32 -0.13 0.00	26.60 -0.38 0.00	26.38 -0.37 0.00	27.03 -0.38 0.00	28.68 -0.23 0.00	36.56 -0.52 0.00	41.11 -0.97 0.00	47.15 -1.06 0.00	44.89 -0.59 0.00	43.01 -0.52 0.00	38.69 -0.67 0.00	33.82 -0.73 0.00	30.26 -0.15 0.00
RUSSELL___4 23556	29.37 -0.15 0.00	25.78 -0.10 0.00	23.71 -0.19 0.00	22.01 -0.20 0.00	21.72 -0.26 0.00	23.94 -0.34 0.00	27.82 -0.74 0.00	30.37 -0.75 0.00	29.38 -0.27 0.00	27.09 -0.30 0.00	26.51 -0.16 0.00	26.32 -0.13 0.00	26.60 -0.38 0.00	26.38 -0.37 0.00	27.03 -0.38 0.00	28.68 -0.23 0.00	36.56 -0.52 0.00	41.11 -0.97 0.00	47.15 -1.06 0.00	44.89 -0.59 0.00	43.01 -0.52 0.00	38.69 -0.67 0.00	33.82 -0.73 0.00	30.26 -0.15 0.00
RUSSELL___STATION 23914	29.37 -0.15 0.00	25.78 -0.10 0.00	23.71 -0.19 0.00	22.01 -0.20 0.00	21.72 -0.26 0.00	23.94 -0.34 0.00	27.82 -0.74 0.00	30.37 -0.75 0.00	29.38 -0.27 0.00	27.09 -0.30 0.00	26.51 -0.16 0.00	26.32 -0.13 0.00	26.60 -0.38 0.00	26.38 -0.37 0.00	27.03 -0.38 0.00	28.68 -0.23 0.00	36.56 -0.52 0.00	41.11 -0.97 0.00	47.15 -1.06 0.00	44.89 -0.59 0.00	43.01 -0.52 0.00	38.69 -0.67 0.00	33.82 -0.73 0.00	30.26 -0.15 0.00
S SALMON___HYD 24043	29.28 -0.24 0.00	25.73 -0.15 0.00	23.73 -0.17 0.00	22.01 -0.20 0.00	21.81 -0.18 0.00	24.09 -0.20 0.00	28.22 -0.34 0.00	30.59 -0.53 0.00	29.14 -0.50 0.00	26.84 -0.55 0.00	26.19 -0.48 0.00	25.95 -0.50 0.00	26.36 -0.62 0.00	26.11 -0.64 0.00	26.81 -0.60 0.00	28.36 -0.55 0.00	36.30 -0.78 0.00	41.11 -0.97 0.00	47.34 -0.87 0.00	44.84 -0.64 0.00	43.01 -0.52 0.00	38.84 -0.51 0.00	34.13 -0.41 0.00	30.02 -0.40 0.00
S.PERRY___115KV_TB1 80734	30.13 0.62 0.00	26.43 0.54 0.00	24.28 0.38 0.00	22.56 0.36 0.00	22.29 0.31 0.00	24.57 0.29 0.00	28.50 -0.06 0.00	30.93 -0.19 0.00	29.67 0.03 0.00	27.34 -0.11 -0.06	26.70 -0.03 -0.05	26.37 -0.11 -0.02	26.74 -0.32 -0.09	26.64 -0.32 -0.21	27.44 -0.27 -0.29	29.21 -0.09 -0.39	36.95 -0.30 -0.17	41.95 -0.67 -0.55	47.94 -0.29 -0.03	45.98 0.50 0.00	44.19 0.65 0.00	39.75 0.39 0.00	34.75 0.21 0.00	31.05 0.64 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.89 -0.62 0.00	25.27 -0.62 0.00	23.28 -0.62 0.00	21.65 -0.56 0.00	21.39 -0.59 0.00	23.58 -0.70 0.00	27.10 -1.46 0.00	29.37 -1.74 0.00	28.69 -0.95 0.00	26.59 -0.85 -0.05	26.13 -0.59 -0.05	25.84 -0.63 -0.02	26.19 -0.86 -0.08	26.05 -0.88 -0.18	26.69 -0.99 -0.26	28.33 -0.93 -0.34	35.64 -1.59 -0.15	40.17 -2.40 -0.49	45.48 -2.75 -0.02	43.43 -2.05 0.00	41.66 -1.87 0.00	37.43 -1.93 0.00	32.75 -1.80 0.00	29.65 -0.76 0.00

SAWYER___23_KV_LOAD 55526	28.89 -0.62 0.00	25.27 -0.62 0.00	23.28 -0.62 0.00	21.65 -0.56 0.00	21.39 -0.59 0.00	23.58 -0.70 0.00	27.10 -1.46 0.00	29.37 -1.74 0.00	28.69 -0.95 0.00	26.59 -0.85 -0.05	26.13 -0.59 -0.05	25.84 -0.63 -0.02	26.19 -0.86 -0.08	26.05 -0.88 -0.18	26.69 -0.99 -0.26	28.33 -0.93 -0.34	35.64 -1.59 -0.15	40.17 -2.40 -0.49	45.48 -2.75 -0.02	43.43 -2.05 0.00	41.66 -1.87 0.00	37.43 -1.93 0.00	32.75 -1.80 0.00	29.65 -0.76 0.00
SELKIRK___I 23801	30.25 0.74 0.00	26.51 0.62 0.00	24.52 0.62 0.00	22.78 0.58 0.00	22.54 0.55 0.00	24.86 0.58 0.00	29.04 0.49 0.00	31.65 0.53 0.00	30.09 0.45 0.00	27.45 0.36 0.30	26.79 0.32 0.20	26.62 0.26 0.10	26.99 0.27 0.26	26.54 0.32 0.54	27.11 0.47 0.78	28.34 0.46 1.03	36.61 0.37 0.83	40.99 0.38 1.46	48.72 0.58 0.07	46.03 0.55 0.00	44.06 0.52 0.00	39.83 0.47 0.00	34.92 0.38 0.00	30.71 0.30 0.01
SELKIRK___II 23799	30.13 0.62 0.00	26.43 0.54 0.00	24.42 0.53 0.00	22.69 0.49 0.00	22.47 0.48 0.00	24.79 0.51 0.00	28.99 0.43 0.00	31.65 0.53 0.00	30.12 0.47 0.00	27.43 0.44 0.40	26.82 0.43 0.31	26.54 0.40 0.31	26.89 0.41 0.49	26.37 0.48 0.87	26.82 0.60 1.20	28.01 0.58 1.47	36.44 0.48 1.12	40.46 0.46 2.08	48.69 0.58 0.10	45.98 0.50 0.00	43.97 0.44 0.00	39.75 0.39 0.00	34.82 0.28 0.00	30.62 0.21 0.01
SENECA OSWGO___HYD 24041	29.01 -0.50 0.00	25.45 -0.44 0.00	23.44 -0.45 0.00	21.78 -0.42 0.00	21.55 -0.44 0.00	23.79 -0.49 0.00	27.93 -0.63 0.00	30.28 -0.84 0.00	28.90 -0.74 0.00	26.68 -0.71 0.00	26.01 -0.67 0.00	25.77 -0.69 0.00	26.22 -0.76 0.00	26.01 -0.75 0.00	26.70 -0.71 0.00	28.21 -0.69 0.00	36.08 -1.00 0.00	40.81 -1.26 0.00	46.86 -1.35 0.00	44.30 -1.18 0.00	42.40 -1.13 0.00	38.25 -1.10 0.00	33.57 -0.97 0.00	29.59 -0.82 0.00
SENECA___115KV_TB3 355854	29.25 -0.27 0.00	25.55 -0.34 0.00	23.51 -0.38 0.00	21.90 -0.31 0.00	21.61 -0.37 0.00	23.82 -0.46 0.00	27.42 -1.14 0.00	29.75 -1.37 0.00	29.02 -0.62 0.00	26.89 -0.55 -0.05	26.43 -0.29 -0.05	26.13 -0.34 -0.02	26.49 -0.57 -0.08	26.36 -0.59 -0.19	27.01 -0.69 -0.28	28.72 -0.55 -0.36	36.16 -1.08 -0.16	40.74 -1.85 -0.52	46.11 -2.12 -0.02	43.98 -1.50 0.00	42.14 -1.39 0.00	37.90 -1.46 0.00	33.16 -1.38 0.00	29.99 -0.43 0.00
SENECA___ENERGY 23797	29.42 -0.09 0.00	25.81 -0.08 0.00	23.73 -0.17 0.00	22.05 -0.15 0.00	21.83 -0.15 0.00	24.09 -0.20 0.00	28.30 -0.26 0.00	30.68 -0.44 0.00	29.40 -0.24 0.00	27.11 -0.27 0.00	26.46 -0.21 0.00	26.22 -0.24 0.00	26.60 -0.38 0.00	26.38 -0.37 0.00	27.06 -0.36 0.00	28.65 -0.26 0.00	36.67 -0.41 0.00	41.32 -0.76 0.00	47.53 -0.67 0.00	44.98 -0.50 0.00	43.06 -0.48 0.00	38.89 -0.47 0.00	34.06 -0.48 0.00	30.14 -0.27 0.00
SHOEMAKER___GT 23640	31.02 1.50 0.00	27.10 1.22 0.00	25.02 1.12 0.00	23.27 1.07 0.00	23.04 1.06 0.00	25.45 1.17 0.00	29.76 1.20 0.00	32.61 1.49 0.00	31.15 1.51 0.00	30.49 1.34 -1.76	29.41 1.28 -1.45	29.74 1.27 -2.01	31.48 1.24 -3.26	34.08 1.28 -6.04	37.07 1.40 -8.26	40.33 1.44 -9.98	43.99 1.71 -5.21	58.09 1.94 -14.08	51.13 2.27 -0.65	47.43 1.95 0.00	45.28 1.74 0.00	40.97 1.61 0.00	35.85 1.31 0.00	31.49 1.06 -0.01
SHOEMAKR_138KV_BK 111 55601	31.02 1.51 0.00	27.10 1.22 0.00	25.04 1.15 0.00	23.27 1.07 0.00	23.04 1.06 0.00	25.45 1.17 0.00	29.79 1.23 0.00	32.64 1.52 0.00	31.18 1.54 0.00	30.49 1.37 -1.73	29.41 1.31 -1.43	29.65 1.27 -1.93	31.41 1.27 -3.17	34.00 1.34 -5.91	36.94 1.43 -8.09	40.19 1.47 -9.81	43.94 1.74 -5.12	57.95 1.98 -13.90	51.16 2.31 -0.64	47.48 2.00 0.00	45.28 1.74 0.00	41.01 1.65 0.00	35.89 1.35 0.00	31.52 1.09 -0.01
SHOREHAM_IC_1 23715	41.84 2.39 -9.94	30.71 1.94 -2.88	25.87 1.96 -0.01	24.06 1.84 -0.01	23.86 1.87 -0.01	26.30 2.01 -0.01	30.57 2.00 -0.01	34.16 2.61 -0.43	32.57 2.85 -0.08	32.47 2.49 -2.59	34.99 2.11 -6.22	37.00 2.06 -8.48	39.21 2.18 -10.05	39.99 2.22 -11.02	42.48 2.44 -12.63	44.86 2.54 -13.40	60.58 2.82 -20.69	63.64 3.24 -18.33	52.78 3.71 -0.86	48.90 3.41 -0.01	46.76 3.22 -0.01	41.92 2.56 -0.01	37.00 2.07 -0.39	33.52 1.73 -1.38
SHOREHAM_IC_2 23716	41.85 2.39 -9.94	30.74 1.97 -2.88	25.87 1.96 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.33 2.04 -0.01	30.60 2.03 -0.01	34.16 2.61 -0.43	32.57 2.85 -0.08	32.47 2.49 -2.59	35.02 2.13 -6.22	37.08 2.14 -8.48	39.29 2.27 -10.05	40.13 2.35 -11.02	42.49 2.44 -12.63	44.83 2.51 -13.40	60.58 2.82 -20.69	63.69 3.24 -18.37	52.83 3.76 -0.86	48.90 3.41 -0.01	46.63 3.09 -0.01	41.88 2.52 -0.01	37.04 2.11 -0.39	33.53 1.73 -1.38
SISSONVILLE____ 23735	29.04 -0.47 0.00	25.73 -0.16 0.00	23.73 -0.17 0.00	22.03 -0.18 0.00	21.83 -0.15 0.00	24.04 -0.24 0.00	28.42 -0.14 0.00	31.02 -0.09 0.00	29.35 -0.30 0.00	27.11 -0.27 0.00	26.33 -0.35 0.00	26.17 -0.29 0.00	26.76 -0.22 0.00	26.46 -0.29 0.00	27.01 -0.41 0.00	28.50 -0.40 0.00	36.82 -0.26 0.00	41.44 -0.63 0.00	47.24 -0.96 0.00	44.52 -0.96 0.00	43.58 0.04 0.00	39.67 0.31 0.00	35.23 0.69 0.00	30.93 0.52 0.00
SITHE_IND_GS1 24169	28.80 -0.71 0.00	25.27 -0.62 0.00	23.30 -0.60 0.00	21.65 -0.55 0.00	21.44 -0.55 0.00	23.65 -0.63 0.00	27.79 -0.77 0.00	30.03 -1.09 0.00	28.66 -0.98 0.00	26.49 -0.90 0.00	25.82 -0.85 0.00	25.61 -0.85 0.00	26.06 -0.92 0.00	25.85 -0.91 0.00	26.51 -0.90 0.00	28.01 -0.90 0.00	35.85 -1.22 0.00	40.56 -1.51 0.00	46.52 -1.69 0.00	43.98 -1.50 0.00	42.10 -1.44 0.00	38.02 -1.34 0.00	33.33 -1.21 0.00	29.41 -1.00 0.00
SITHE_IND_GS2 24170	28.80 -0.71 0.00	25.27 -0.62 0.00	23.30 -0.60 0.00	21.65 -0.55 0.00	21.44 -0.55 0.00	23.65 -0.63 0.00	27.79 -0.77 0.00	30.03 -1.09 0.00	28.66 -0.98 0.00	26.49 -0.90 0.00	25.82 -0.85 0.00	25.61 -0.85 0.00	26.06 -0.92 0.00	25.85 -0.91 0.00	26.51 -0.90 0.00	28.01 -0.90 0.00	35.85 -1.22 0.00	40.56 -1.51 0.00	46.52 -1.69 0.00	43.98 -1.50 0.00	42.10 -1.44 0.00	38.02 -1.34 0.00	33.33 -1.21 0.00	29.41 -1.00 0.00
SITHE_IND_GS3 24171	28.80 -0.71 0.00	25.27 -0.62 0.00	23.30 -0.60 0.00	21.65 -0.55 0.00	21.44 -0.55 0.00	23.65 -0.63 0.00	27.79 -0.77 0.00	30.03 -1.09 0.00	28.66 -0.98 0.00	26.49 -0.90 0.00	25.82 -0.85 0.00	25.61 -0.85 0.00	26.06 -0.92 0.00	25.85 -0.91 0.00	26.51 -0.90 0.00	28.01 -0.90 0.00	35.85 -1.22 0.00	40.56 -1.51 0.00	46.52 -1.69 0.00	43.98 -1.50 0.00	42.10 -1.44 0.00	38.02 -1.34 0.00	33.33 -1.21 0.00	29.41 -1.00 0.00
SITHE_IND_GS4 24172	28.80 -0.71 0.00	25.27 -0.62 0.00	23.30 -0.60 0.00	21.65 -0.55 0.00	21.44 -0.55 0.00	23.65 -0.63 0.00	27.79 -0.77 0.00	30.03 -1.09 0.00	28.66 -0.98 0.00	26.49 -0.90 0.00	25.82 -0.85 0.00	25.61 -0.85 0.00	26.06 -0.92 0.00	25.85 -0.91 0.00	26.51 -0.90 0.00	28.01 -0.90 0.00	35.85 -1.22 0.00	40.56 -1.51 0.00	46.52 -1.69 0.00	43.98 -1.50 0.00	42.10 -1.44 0.00	38.02 -1.34 0.00	33.33 -1.21 0.00	29.41 -1.00 0.00

SITHE___BATAVIA 24024	29.54 0.03 0.00	25.99 0.10 0.00	23.85 -0.05 0.00	22.16 -0.04 0.00	21.88 -0.11 0.00	24.09 -0.20 0.00	28.02 -0.54 0.00	30.21 -0.90 0.00	29.38 -0.27 0.00	27.08 -0.36 -0.04	26.61 -0.11 -0.04	26.36 -0.11 -0.01	26.61 -0.43 -0.07	26.51 -0.40 -0.16	27.10 -0.55 -0.23	28.75 -0.46 -0.30	36.43 -0.78 -0.14	41.12 -1.39 -0.43	47.02 -1.20 -0.02	44.66 -0.82 0.00	42.88 -0.65 0.00	38.49 -0.87 0.00	33.75 -0.79 0.00	30.41 0.00 0.00
SITHE___INDEPEND 23800	28.80 -0.71 0.00	25.27 -0.62 0.00	23.30 -0.60 0.00	21.65 -0.56 0.00	21.44 -0.55 0.00	23.65 -0.63 0.00	27.73 -0.83 0.00	30.03 -1.09 0.00	28.66 -0.98 0.00	26.48 -0.90 0.00	25.82 -0.85 0.00	25.61 -0.85 0.00	26.06 -0.92 0.00	25.85 -0.91 0.00	26.51 -0.90 0.00	28.01 -0.90 0.00	35.85 -1.22 0.00	40.56 -1.51 0.00	46.47 -1.74 0.00	43.98 -1.50 0.00	42.10 -1.44 0.00	38.02 -1.34 0.00	33.33 -1.21 0.00	29.41 -1.00 0.00
SITHE___MASSENA 23902	29.22 -0.30 0.00	25.81 -0.08 0.00	23.83 -0.07 0.00	22.14 -0.07 0.00	21.92 -0.07 0.00	24.14 -0.14 0.00	28.53 -0.03 0.00	31.15 0.03 0.00	29.52 -0.12 0.00	27.33 -0.05 0.00	26.57 -0.11 0.00	26.38 -0.08 0.00	27.03 0.05 0.00	26.78 0.03 0.00	27.31 -0.11 0.00	28.76 -0.14 0.00	37.15 0.07 0.00	42.24 0.17 0.00	48.31 0.10 0.00	45.48 0.00 0.00	43.80 0.26 0.00	39.75 0.39 0.00	35.09 0.55 0.00	30.84 0.43 0.00
SITHE___OGDNSBRG 24021	29.60 0.09 0.00	26.22 0.34 0.00	24.18 0.29 0.00	22.43 0.22 0.00	22.25 0.26 0.00	24.50 0.22 0.00	28.96 0.40 0.00	31.55 0.44 0.00	29.76 0.12 0.00	27.50 0.11 0.00	26.67 0.00 0.00	26.51 0.05 0.00	27.14 0.16 0.00	26.84 0.08 0.00	27.36 -0.05 0.00	28.88 -0.03 0.00	37.45 0.37 0.00	42.58 0.50 0.00	48.88 0.67 0.00	46.12 0.64 0.00	44.40 0.87 0.00	40.34 0.98 0.00	35.68 1.14 0.00	31.30 0.88 0.00
SITHE___STERLING 23777	30.31 0.80 0.00	26.61 0.72 0.00	24.54 0.65 0.00	22.74 0.53 0.00	22.56 0.57 0.00	24.91 0.63 0.00	29.24 0.68 0.00	31.83 0.72 0.00	30.32 0.68 0.00	27.88 0.49 0.00	27.21 0.53 0.00	26.93 0.48 0.00	27.30 0.32 0.00	27.05 0.29 0.00	27.83 0.41 0.00	29.52 0.61 0.00	37.82 0.74 0.00	42.83 0.76 0.00	49.36 1.16 0.00	46.66 1.18 0.00	44.66 1.13 0.00	40.38 1.02 0.00	35.37 0.83 0.00	31.11 0.70 0.00
SLEIGHT__34_KV_TB1 80719	29.10 -0.41 0.00	25.52 -0.36 0.00	23.47 -0.43 0.00	21.81 -0.40 0.00	21.55 -0.44 0.00	23.77 -0.51 0.00	27.76 -0.80 0.00	30.28 -0.84 0.00	29.14 -0.50 0.00	26.84 -0.55 0.00	26.25 -0.43 0.00	26.01 -0.45 0.00	26.36 -0.62 0.00	26.14 -0.62 0.00	26.81 -0.60 0.00	28.42 -0.49 0.00	36.30 -0.78 0.00	40.85 -1.22 0.00	46.86 -1.35 0.00	44.52 -0.96 0.00	42.66 -0.87 0.00	38.41 -0.94 0.00	33.61 -0.93 0.00	29.90 -0.52 0.00
SMITHTWN_69_KV_BK 1 55830	42.37 2.86 -9.99	31.19 2.41 -2.90	26.20 2.29 -0.01	24.39 2.18 -0.01	24.17 2.18 -0.01	26.65 2.36 -0.01	31.08 2.51 -0.01	34.60 3.05 -0.43	32.82 3.05 -0.12	32.76 2.74 -2.63	35.47 2.56 -6.24	37.57 2.57 -8.55	39.78 2.70 -10.11	40.66 2.81 -11.10	42.98 2.91 -12.66	45.39 3.04 -13.45	67.19 3.60 -26.52	64.28 3.83 -18.37	53.50 4.44 -0.86	49.67 4.18 -0.01	47.37 3.83 -0.01	42.55 3.19 -0.01	37.66 2.73 -0.39	34.11 2.31 -1.38
SOUTH CAIRO___GT 23612	30.90 1.39 0.00	27.05 1.16 0.00	24.95 1.05 0.00	23.18 0.98 0.00	22.93 0.95 0.00	25.40 1.12 0.00	29.70 1.14 0.00	32.24 1.12 0.00	30.50 0.86 0.00	28.11 0.74 0.02	27.33 0.64 -0.02	27.08 0.63 0.01	27.68 0.62 -0.08	27.67 0.67 -0.24	28.64 0.88 -0.35	30.29 0.93 -0.46	38.21 1.15 0.02	44.23 1.51 -0.64	50.26 2.02 -0.03	47.16 1.68 0.00	45.23 1.70 0.00	40.81 1.46 0.00	35.79 1.24 0.00	31.44 1.03 0.00
SOUTH HAMPTN___IC 23720	42.54 3.10 -9.93	31.30 2.54 -2.88	26.41 2.51 -0.01	24.59 2.38 -0.01	24.41 2.42 -0.01	26.91 2.62 -0.01	31.31 2.74 -0.01	34.97 3.42 -0.43	33.40 3.67 -0.08	33.29 3.31 -2.59	35.87 2.99 -6.21	37.88 2.96 -8.46	40.11 3.10 -10.04	40.87 3.10 -11.01	43.35 3.32 -12.62	45.72 3.41 -13.40	61.22 3.89 -20.25	64.82 4.42 -18.32	53.98 4.92 -0.86	49.95 4.46 -0.01	47.72 4.18 -0.01	42.71 3.34 -0.01	37.66 2.73 -0.39	34.13 2.34 -1.38
SOUTHDOW_115KV_TB1 355954	29.98 0.47 0.00	26.15 0.26 0.00	23.97 0.07 0.00	22.29 0.09 0.00	22.03 0.04 0.00	24.33 0.05 0.00	28.10 -0.46 0.00	30.65 -0.47 0.00	29.91 0.27 0.00	27.78 0.33 -0.06	27.28 0.56 -0.05	26.92 0.45 -0.02	27.25 0.19 -0.09	27.13 0.16 -0.21	27.83 0.11 -0.30	29.62 0.32 -0.40	37.40 0.15 -0.18	42.05 -0.59 -0.56	47.70 -0.53 -0.03	45.39 -0.09 0.00	43.40 -0.13 0.00	39.04 -0.31 0.00	34.16 -0.38 0.00	30.78 0.36 0.00
SOUTHOLD_69_KV_BK 2 55809	42.87 3.42 -9.93	31.56 2.80 -2.88	26.65 2.75 -0.01	24.88 2.66 -0.01	24.70 2.70 -0.01	27.28 2.99 -0.01	31.77 3.20 -0.01	35.47 3.92 -0.43	33.90 4.18 -0.08	33.75 3.78 -2.59	36.35 3.47 -6.21	38.41 3.49 -8.46	40.71 3.70 -10.04	41.48 3.72 -11.01	43.80 3.76 -12.62	46.12 3.82 -13.40	61.70 4.37 -20.25	65.41 4.96 -18.37	54.56 5.50 -0.86	50.26 4.78 -0.01	47.85 4.31 -0.01	42.95 3.58 -0.01	37.80 2.87 -0.39	34.35 2.55 -1.38
SOUTHOLD___IC 23719	42.87 3.42 -9.93	31.56 2.80 -2.88	26.65 2.75 -0.01	24.86 2.64 -0.01	24.70 2.70 -0.01	27.25 2.96 -0.01	31.74 3.17 -0.01	35.47 3.92 -0.43	33.90 4.18 -0.08	33.76 3.78 -2.59	36.35 3.47 -6.21	38.36 3.44 -8.46	40.63 3.62 -10.04	41.37 3.61 -11.01	43.79 3.76 -12.62	46.15 3.85 -13.40	61.70 4.37 -20.25	65.36 4.96 -18.32	54.51 5.45 -0.86	50.26 4.77 -0.01	47.99 4.44 -0.01	42.95 3.58 -0.01	37.80 2.87 -0.39	34.35 2.56 -1.38
SOUTH_FORK_WT_PWR 323839	42.84 3.39 -9.93	31.51 2.74 -2.88	26.65 2.75 -0.01	24.88 2.66 -0.01	24.74 2.75 -0.01	27.35 3.06 -0.01	31.82 3.25 -0.01	35.59 4.04 -0.43	34.05 4.33 -0.08	33.92 3.94 -2.59	36.48 3.60 -6.21	38.49 3.57 -8.46	40.76 3.75 -10.04	41.48 3.72 -11.01	43.88 3.84 -12.62	46.15 3.85 -13.40	61.62 4.30 -20.25	65.32 4.92 -18.32	54.32 5.26 -0.86	50.03 4.55 -0.01	47.68 4.14 -0.01	42.67 3.31 -0.01	37.55 2.62 -0.39	34.22 2.43 -1.38
SPIERFLS_115KV_TB 1 80737	31.37 1.86 0.00	27.52 1.63 0.00	25.40 1.51 0.00	23.58 1.38 0.00	23.30 1.32 0.00	25.57 1.29 0.00	29.96 1.40 0.00	32.55 1.43 0.00	30.92 1.27 0.00	27.84 0.96 0.51	27.20 0.85 0.32	27.11 0.82 0.17	27.33 0.76 0.40	26.73 0.78 0.80	27.33 1.07 1.15	28.59 1.21 1.53	37.05 1.37 1.40	41.58 1.68 2.17	50.33 2.22 0.10	47.71 2.23 0.00	45.75 2.22 0.00	41.29 1.93 0.00	36.13 1.59 0.00	32.02 1.61 0.01
ST LAWRENCE____ 23600	28.98 -0.53 0.00	25.52 -0.36 0.00	23.56 -0.33 0.00	21.90 -0.31 0.00	21.68 -0.31 0.00	23.94 -0.34 0.00	28.27 -0.29 0.00	30.87 -0.25 0.00	29.29 -0.35 0.00	27.14 -0.25 0.00	26.38 -0.29 0.00	26.19 -0.26 0.00	26.81 -0.16 0.00	26.57 -0.19 0.00	27.12 -0.30 0.00	28.53 -0.38 0.00	36.85 -0.22 0.00	41.95 -0.13 0.00	47.92 -0.29 0.00	45.16 -0.32 0.00	43.36 -0.17 0.00	39.32 -0.04 0.00	34.65 0.10 0.00	30.44 0.03 0.00

STATE_CA_115KV_115_LB 55624	30.13 0.62 0.00	26.43 0.54 0.00	24.45 0.55 0.00	22.69 0.49 0.00	22.47 0.48 0.00	24.79 0.51 0.00	29.02 0.46 0.00	31.61 0.50 0.00	30.03 0.39 0.00	27.26 0.38 0.51	26.79 0.45 0.33	26.55 0.45 0.36	26.87 0.43 0.54	26.29 0.48 0.94	26.77 0.66 1.30	27.94 0.64 1.60	36.18 0.52 1.41	40.31 0.50 2.27	48.78 0.67 0.10	46.02 0.55 0.00	44.01 0.48 0.00	39.79 0.43 0.00	34.85 0.31 0.00	30.65 0.24 0.01
STATE_ST_34_KV_LOAD 55959	29.63 0.12 0.00	25.96 0.08 0.00	23.90 0.00 0.00	22.21 0.00 0.00	21.99 0.00 0.00	24.26 -0.02 0.00	28.44 -0.11 0.00	30.96 -0.16 0.00	29.61 -0.03 0.00	27.31 -0.08 0.00	26.57 -0.11 0.00	26.32 -0.13 0.00	26.76 -0.22 0.00	26.54 -0.21 0.00	27.28 -0.14 0.00	28.88 -0.03 0.00	36.96 -0.11 0.00	41.74 -0.34 0.00	47.92 -0.29 0.00	45.34 -0.14 0.00	43.40 -0.13 0.00	39.16 -0.20 0.00	34.30 -0.24 0.00	30.29 -0.12 0.00
STATION_5_MISC_HYD 23604	29.25 -0.27 0.00	25.71 -0.18 0.00	23.61 -0.29 0.00	21.92 -0.29 0.00	21.66 -0.33 0.00	23.84 -0.44 0.00	27.93 -0.63 0.00	30.21 -0.90 0.00	29.23 -0.42 0.00	26.95 -0.44 0.00	26.43 -0.24 0.00	26.22 -0.24 0.00	26.49 -0.48 0.00	26.30 -0.46 0.00	26.87 -0.55 0.00	28.44 -0.46 0.00	36.33 -0.74 0.00	40.90 -1.18 0.00	47.05 -1.16 0.00	44.61 -0.87 0.00	42.79 -0.74 0.00	38.45 -0.90 0.00	33.71 -0.83 0.00	30.11 -0.30 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.28 -0.24 0.00	25.68 -0.21 0.00	23.61 -0.29 0.00	21.94 -0.27 0.00	21.70 -0.29 0.00	23.92 -0.36 0.00	27.90 -0.66 0.00	30.40 -0.72 0.00	29.29 -0.36 0.00	26.98 -0.41 0.00	26.38 -0.29 0.00	26.14 -0.32 0.00	26.46 -0.51 0.00	26.25 -0.51 0.00	26.92 -0.49 0.00	28.56 -0.35 0.00	36.45 -0.63 0.00	41.02 -1.05 0.00	47.05 -1.16 0.00	44.75 -0.73 0.00	42.84 -0.70 0.00	38.61 -0.75 0.00	33.82 -0.73 0.00	30.08 -0.33 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.07 -0.44 0.00	25.47 -0.41 0.00	23.44 -0.45 0.00	21.76 -0.44 0.00	21.50 -0.48 0.00	23.70 -0.58 0.00	27.56 -1.00 0.00	30.06 -1.06 0.00	29.05 -0.59 0.00	26.79 -0.60 0.00	26.25 -0.43 0.00	26.03 -0.42 0.00	26.33 -0.65 0.00	26.11 -0.64 0.00	26.76 -0.66 0.00	28.36 -0.55 0.00	36.15 -0.93 0.00	40.69 -1.39 0.00	46.62 -1.59 0.00	44.34 -1.14 0.00	42.53 -1.00 0.00	38.25 -1.10 0.00	33.47 -1.07 0.00	29.90 -0.52 0.00
STA_56___34_KV_BUS2 355983	29.07 -0.44 0.00	25.47 -0.41 0.00	23.44 -0.45 0.00	21.76 -0.44 0.00	21.50 -0.48 0.00	23.70 -0.58 0.00	27.56 -1.00 0.00	30.06 -1.06 0.00	29.05 -0.59 0.00	26.79 -0.60 0.00	26.25 -0.43 0.00	26.03 -0.42 0.00	26.33 -0.65 0.00	26.11 -0.64 0.00	26.76 -0.66 0.00	28.36 -0.55 0.00	36.15 -0.93 0.00	40.69 -1.39 0.00	46.62 -1.59 0.00	44.34 -1.14 0.00	42.53 -1.00 0.00	38.25 -1.10 0.00	33.47 -1.07 0.00	29.90 -0.52 0.00
STA_67___115KV_BK2 355882	29.19 -0.32 0.00	25.60 -0.28 0.00	23.56 -0.33 0.00	21.87 -0.33 0.00	21.61 -0.37 0.00	23.82 -0.46 0.00	27.67 -0.89 0.00	30.15 -0.96 0.00	29.17 -0.47 0.00	26.90 -0.49 0.00	26.35 -0.32 0.00	26.14 -0.32 0.00	26.41 -0.57 0.00	26.19 -0.56 0.00	26.84 -0.58 0.00	28.47 -0.43 0.00	36.26 -0.82 0.00	40.77 -1.30 0.00	46.76 -1.45 0.00	44.52 -0.96 0.00	42.66 -0.87 0.00	38.41 -0.94 0.00	33.57 -0.97 0.00	30.05 -0.36 0.00
STA_7___115KV_9TRANS 80674	29.37 -0.15 0.00	25.78 -0.10 0.00	23.71 -0.19 0.00	22.01 -0.20 0.00	21.72 -0.26 0.00	23.94 -0.34 0.00	27.82 -0.74 0.00	30.37 -0.75 0.00	29.38 -0.27 0.00	27.09 -0.30 0.00	26.51 -0.16 0.00	26.32 -0.13 0.00	26.60 -0.38 0.00	26.38 -0.37 0.00	27.03 -0.38 0.00	28.68 -0.23 0.00	36.56 -0.52 0.00	41.11 -0.97 0.00	47.15 -1.06 0.00	44.89 -0.59 0.00	43.01 -0.52 0.00	38.69 -0.67 0.00	33.82 -0.73 0.00	30.26 -0.15 0.00
STA_82___115KV_TB1 80780	29.16 -0.35 0.00	25.58 -0.31 0.00	23.54 -0.36 0.00	21.85 -0.36 0.00	21.59 -0.40 0.00	23.79 -0.49 0.00	27.65 -0.91 0.00	30.15 -0.96 0.00	29.14 -0.50 0.00	26.87 -0.52 0.00	26.33 -0.35 0.00	26.11 -0.34 0.00	26.38 -0.59 0.00	26.19 -0.56 0.00	26.81 -0.60 0.00	28.42 -0.49 0.00	36.22 -0.85 0.00	40.73 -1.35 0.00	46.71 -1.49 0.00	44.48 -1.00 0.00	42.62 -0.91 0.00	38.37 -0.98 0.00	33.54 -1.00 0.00	30.02 -0.40 0.00
STEEL___WIND 323596	29.22 -0.30 0.00	25.60 -0.28 0.00	23.51 -0.38 0.00	21.87 -0.33 0.00	21.61 -0.37 0.00	23.82 -0.46 0.00	27.73 -0.83 0.00	29.75 -1.37 0.00	28.99 -0.65 0.00	26.87 -0.58 0.00	26.48 -0.24 0.00	26.18 -0.29 0.00	26.52 -0.54 0.00	26.41 -0.53 0.00	26.96 -0.74 0.00	28.58 -0.69 0.00	36.13 -1.11 0.00	40.70 -1.89 0.00	46.35 -1.88 0.00	43.93 -1.55 0.00	42.14 -1.39 0.00	37.82 -1.54 0.00	33.23 -1.31 0.00	29.96 -0.46 0.00
STEPHTWN_115KV_BK_2 55603	30.25 0.74 0.00	26.53 0.65 0.00	24.52 0.62 0.00	22.76 0.56 0.00	22.53 0.55 0.00	24.89 0.61 0.00	29.13 0.57 0.00	31.74 0.62 0.00	30.15 0.50 0.00	27.38 0.49 0.50	26.88 0.53 0.33	26.63 0.53 0.36	26.95 0.51 0.54	26.38 0.56 0.94	26.86 0.74 1.29	28.10 0.78 1.59	36.39 0.70 1.39	40.54 0.72 2.25	49.02 0.92 0.10	46.30 0.82 0.00	44.27 0.74 0.00	39.99 0.63 0.00	35.06 0.52 0.00	30.80 0.40 0.01
STEBEN_REC_LFGE 323667	30.01 0.50 0.00	26.25 0.36 0.00	24.14 0.24 0.00	22.47 0.27 0.00	22.23 0.24 0.00	24.52 0.24 0.00	28.47 -0.09 0.00	30.96 -0.16 0.00	29.82 0.18 0.00	27.55 0.08 -0.08	26.93 0.19 -0.07	26.59 0.11 -0.02	26.98 -0.11 -0.11	26.89 -0.13 -0.27	27.72 -0.08 -0.39	29.60 0.17 -0.51	37.30 0.00 -0.22	42.19 -0.59 -0.71	47.86 -0.39 -0.03	45.66 0.18 0.00	43.75 0.22 0.00	39.36 0.00 0.00	34.47 -0.07 0.00	30.84 0.43 0.00
STILLWATER___SOLAR 323814	30.99 1.48 0.00	27.15 1.27 0.00	25.09 1.19 0.00	23.29 1.09 0.00	23.04 1.06 0.00	25.42 1.14 0.00	29.70 1.14 0.00	32.33 1.21 0.00	30.77 1.13 0.00	27.69 0.85 0.54	27.10 0.77 0.34	26.81 0.71 0.36	27.12 0.67 0.53	26.56 0.72 0.92	27.10 0.96 1.28	28.40 1.07 1.57	36.78 1.19 1.48	41.29 1.43 2.21	49.89 1.78 0.10	47.30 1.82 0.00	45.32 1.79 0.00	40.93 1.58 0.00	35.82 1.28 0.00	31.56 1.16 0.01
STONY___BROOK 24151	42.35 2.86 -9.97	31.16 2.38 -2.89	26.20 2.29 -0.01	24.37 2.15 -0.01	24.17 2.18 -0.01	26.62 2.33 -0.01	31.02 2.46 -0.01	34.60 3.05 -0.43	32.80 3.05 -0.10	32.71 2.71 -2.61	35.46 2.56 -6.23	37.49 2.51 -8.52	39.68 2.62 -10.08	40.49 2.68 -11.06	42.97 2.90 -12.65	45.36 3.03 -13.42	63.70 3.52 -23.10	64.10 3.70 -18.33	53.35 4.29 -0.86	49.67 4.18 -0.01	47.42 3.87 -0.01	42.59 3.23 -0.01	37.63 2.70 -0.39	34.08 2.28 -1.38
STURGEON_POOL_HYD 23609	31.61 2.10 0.00	27.57 1.68 0.00	25.45 1.55 0.00	23.67 1.47 0.00	23.44 1.45 0.00	25.91 1.63 0.00	30.30 1.74 0.00	33.23 2.12 0.00	31.78 2.13 0.00	30.44 1.94 -1.11	29.43 1.87 -0.89	28.63 1.83 -0.35	30.20 1.86 -1.36	31.84 1.95 -3.13	33.97 2.06 -4.50	37.00 2.14 -5.95	42.97 2.63 -3.26	53.50 2.99 -8.44	52.07 3.47 -0.39	48.30 2.82 0.00	46.06 2.52 0.00	41.68 2.32 0.00	36.48 1.93 0.00	31.98 1.55 -0.01

ST_LAW_115_BK7_LBMP 345037	28.95 -0.56 0.00	25.52 -0.36 0.00	23.54 -0.36 0.00	21.90 -0.31 0.00	21.68 -0.31 0.00	23.92 -0.36 0.00	28.25 -0.31 0.00	30.87 -0.25 0.00	29.26 -0.39 0.00	27.11 -0.27 0.00	26.35 -0.32 0.00	26.17 -0.29 0.00	26.81 -0.16 0.00	26.54 -0.21 0.00	27.09 -0.33 0.00	28.53 -0.38 0.00	36.82 -0.26 0.00	41.95 -0.13 0.00	47.92 -0.29 0.00	45.11 -0.37 0.00	43.36 -0.17 0.00	39.32 -0.04 0.00	34.68 0.14 0.00	30.48 0.06 0.00
ST_LAW_115_BK8_LBMP 345038	28.95 -0.56 0.00	25.52 -0.36 0.00	23.54 -0.36 0.00	21.90 -0.31 0.00	21.68 -0.31 0.00	23.92 -0.36 0.00	28.25 -0.31 0.00	30.87 -0.25 0.00	29.26 -0.39 0.00	27.11 -0.27 0.00	26.35 -0.32 0.00	26.17 -0.29 0.00	26.81 -0.16 0.00	26.54 -0.21 0.00	27.09 -0.33 0.00	28.53 -0.38 0.00	36.82 -0.26 0.00	41.95 -0.13 0.00	47.92 -0.29 0.00	45.11 -0.37 0.00	43.36 -0.17 0.00	39.32 -0.04 0.00	34.68 0.14 0.00	30.48 0.06 0.00
ST_LAW_230_BK5_LBMP 345035	28.98 -0.53 0.00	25.52 -0.36 0.00	23.56 -0.33 0.00	21.90 -0.31 0.00	21.68 -0.31 0.00	23.94 -0.34 0.00	28.27 -0.29 0.00	30.87 -0.25 0.00	29.29 -0.35 0.00	27.14 -0.25 0.00	26.38 -0.29 0.00	26.19 -0.26 0.00	26.81 -0.16 0.00	26.57 -0.19 0.00	27.12 -0.30 0.00	28.53 -0.38 0.00	36.85 -0.22 0.00	41.95 -0.13 0.00	47.92 -0.29 0.00	45.16 -0.32 0.00	43.36 -0.17 0.00	39.32 -0.04 0.00	34.65 0.10 0.00	30.44 0.03 0.00
ST_LAW_230_BK6_LBMP 345036	28.98 -0.53 0.00	25.52 -0.36 0.00	23.56 -0.33 0.00	21.90 -0.31 0.00	21.68 -0.31 0.00	23.94 -0.34 0.00	28.27 -0.29 0.00	30.87 -0.25 0.00	29.29 -0.35 0.00	27.14 -0.25 0.00	26.38 -0.29 0.00	26.19 -0.26 0.00	26.81 -0.16 0.00	26.57 -0.19 0.00	27.12 -0.30 0.00	28.53 -0.38 0.00	36.85 -0.22 0.00	41.95 -0.13 0.00	47.92 -0.29 0.00	45.16 -0.32 0.00	43.36 -0.17 0.00	39.32 -0.04 0.00	34.65 0.10 0.00	30.44 0.03 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.22 1.71 0.00	27.26 1.37 0.00	25.19 1.29 0.00	23.43 1.22 0.00	23.19 1.21 0.00	25.62 1.34 0.00	29.96 1.40 0.00	32.86 1.74 0.00	31.42 1.78 0.00	30.83 1.59 -1.85	29.75 1.55 -1.53	30.27 1.51 -2.30	32.05 1.51 -3.56	34.80 1.58 -6.47	37.92 1.70 -8.80	41.20 1.76 -10.53	44.67 2.11 -5.48	59.35 2.36 -14.92	51.69 2.80 -0.69	47.84 2.36 0.00	45.62 2.09 0.00	41.29 1.93 0.00	36.10 1.55 0.00	31.70 1.28 -0.01
SWANROAD_115KV_TB1 355699	28.57 -0.94 0.00	24.98 -0.91 0.00	23.08 -0.81 0.00	21.45 -0.76 0.00	21.19 -0.79 0.00	23.36 -0.92 0.00	26.59 -1.97 0.00	28.75 -2.36 0.00	28.10 -1.54 0.00	26.01 -1.42 -0.05	25.57 -1.15 -0.04	25.31 -1.16 -0.01	25.62 -1.43 -0.07	25.48 -1.44 -0.17	26.08 -1.59 -0.25	27.68 -1.56 -0.33	34.78 -2.45 -0.15	39.22 -3.32 -0.47	44.37 -3.86 -0.02	42.43 -3.05 0.00	40.75 -2.79 0.00	36.60 -2.75 0.00	32.02 -2.52 0.00	29.20 -1.22 0.00
SYNERGY___BIOGAS 323694	29.54 0.03 0.00	25.91 0.03 0.00	23.85 -0.05 0.00	22.16 -0.04 0.00	21.88 -0.11 0.00	24.09 -0.19 0.00	27.70 -0.86 0.00	30.21 -0.90 0.00	29.38 -0.27 0.00	27.08 -0.36 -0.04	26.55 -0.16 -0.04	26.31 -0.16 -0.01	26.56 -0.49 -0.07	26.43 -0.48 -0.16	27.12 -0.52 -0.23	28.86 -0.35 -0.30	36.43 -0.78 -0.14	41.12 -1.39 -0.43	46.73 -1.49 -0.02	44.66 -0.82 0.00	42.88 -0.65 0.00	38.53 -0.83 0.00	33.64 -0.90 0.00	30.41 0.00 0.00
SYRACUSE___ENERGY_ST1 323597	29.48 -0.03 0.00	25.84 -0.05 0.00	23.80 -0.10 0.00	22.12 -0.09 0.00	21.90 -0.09 0.00	24.16 -0.12 0.00	28.36 -0.20 0.00	30.77 -0.34 0.00	29.41 -0.24 0.00	27.14 -0.25 0.00	26.43 -0.24 0.00	26.19 -0.26 0.00	26.65 -0.32 0.00	26.43 -0.32 0.00	27.17 -0.25 0.00	28.73 -0.17 0.00	36.70 -0.37 0.00	41.53 -0.55 0.00	47.58 -0.63 0.00	45.02 -0.45 0.00	43.10 -0.44 0.00	38.88 -0.47 0.00	34.09 -0.45 0.00	30.08 -0.33 0.00
SYRACUSE___ENERGY_ST2 323598	29.48 -0.03 0.00	25.84 -0.05 0.00	23.80 -0.10 0.00	22.12 -0.09 0.00	21.90 -0.09 0.00	24.16 -0.12 0.00	28.36 -0.20 0.00	30.77 -0.34 0.00	29.41 -0.24 0.00	27.14 -0.25 0.00	26.43 -0.24 0.00	26.19 -0.26 0.00	26.65 -0.32 0.00	26.43 -0.32 0.00	27.17 -0.25 0.00	28.73 -0.17 0.00	36.70 -0.37 0.00	41.53 -0.55 0.00	47.58 -0.63 0.00	45.02 -0.45 0.00	43.10 -0.44 0.00	38.88 -0.47 0.00	34.09 -0.45 0.00	30.08 -0.33 0.00
SYRACUSE___POWER 24017	29.57 0.06 0.00	25.91 0.03 0.00	23.87 -0.02 0.00	22.18 -0.02 0.00	21.94 -0.04 0.00	24.23 -0.05 0.00	28.42 -0.14 0.00	30.87 -0.25 0.00	29.49 -0.15 0.00	27.22 -0.16 0.00	26.54 -0.13 0.00	26.30 -0.16 0.00	26.73 -0.24 0.00	26.52 -0.24 0.00	27.28 -0.14 0.00	28.85 -0.06 0.00	36.82 -0.26 0.00	41.61 -0.46 0.00	47.77 -0.43 0.00	45.16 -0.32 0.00	43.23 -0.30 0.00	39.00 -0.35 0.00	34.20 -0.35 0.00	30.17 -0.24 0.00
TALLMAN_138KV_BK151 55660	31.49 1.98 0.00	27.49 1.60 0.00	25.38 1.48 0.00	23.61 1.40 0.00	23.39 1.41 0.00	25.81 1.53 0.00	30.19 1.63 0.00	33.17 2.05 0.00	31.75 2.10 0.00	31.32 1.89 -2.04	30.21 1.84 -1.70	31.32 1.80 -3.06	33.11 1.83 -4.30	36.14 1.90 -7.48	39.50 2.03 -10.06	42.75 2.11 -11.73	45.65 2.52 -6.05	61.47 2.78 -16.62	52.25 3.28 -0.77	48.25 2.77 0.00	45.97 2.44 0.00	41.60 2.24 0.00	36.41 1.87 0.00	31.95 1.52 -0.01
TEALLAVE_115KV_TB7 355573	29.48 -0.03 0.00	25.86 -0.03 0.00	23.80 -0.10 0.00	22.14 -0.07 0.00	21.90 -0.09 0.00	24.18 -0.10 0.00	28.36 -0.20 0.00	30.81 -0.31 0.00	29.43 -0.21 0.00	27.17 -0.22 0.00	26.49 -0.19 0.00	26.24 -0.21 0.00	26.68 -0.30 0.00	26.46 -0.29 0.00	27.20 -0.22 0.00	28.76 -0.14 0.00	36.67 -0.41 0.00	41.48 -0.59 0.00	47.53 -0.67 0.00	44.98 -0.50 0.00	43.06 -0.48 0.00	38.84 -0.51 0.00	34.06 -0.48 0.00	30.05 -0.36 0.00
TELGRAPH_34_KV_EAST 80808	29.13 -0.38 0.00	25.50 -0.39 0.00	23.51 -0.38 0.00	21.85 -0.36 0.00	21.57 -0.42 0.00	23.77 -0.51 0.00	27.25 -1.31 0.00	29.59 -1.52 0.00	28.84 -0.80 0.00	26.64 -0.79 -0.05	26.18 -0.53 -0.04	25.91 -0.56 -0.01	26.21 -0.84 -0.07	26.09 -0.83 -0.16	26.72 -0.93 -0.24	28.41 -0.81 -0.31	35.77 -1.45 -0.14	40.34 -2.19 -0.45	45.77 -2.46 -0.02	43.70 -1.77 0.00	41.97 -1.57 0.00	37.70 -1.65 0.00	32.95 -1.59 0.00	29.90 -0.52 0.00
TEMPLE___115KV_TB 2 55572	29.51 0.00 0.00	25.86 -0.03 0.00	23.82 -0.07 0.00	22.14 -0.07 0.00	21.92 -0.07 0.00	24.18 -0.10 0.00	28.36 -0.20 0.00	30.81 -0.31 0.00	29.46 -0.18 0.00	27.17 -0.22 0.00	26.51 -0.16 0.00	26.24 -0.21 0.00	26.71 -0.27 0.00	26.49 -0.27 0.00	27.22 -0.19 0.00	28.79 -0.12 0.00	36.74 -0.33 0.00	41.48 -0.59 0.00	47.58 -0.63 0.00	45.02 -0.45 0.00	43.10 -0.44 0.00	38.88 -0.47 0.00	34.06 -0.48 0.00	30.08 -0.33 0.00
TIANA____69_KV_BK 1 55817	42.42 2.98 -9.93	31.20 2.43 -2.88	26.32 2.41 -0.01	24.50 2.29 -0.01	24.30 2.31 -0.01	26.79 2.50 -0.01	31.20 2.63 -0.01	34.82 3.27 -0.43	33.22 3.50 -0.08	33.10 3.12 -2.59	35.68 2.80 -6.21	37.75 2.83 -8.46	40.01 2.99 -10.04	40.81 3.05 -11.01	43.16 3.13 -12.62	45.55 3.24 -13.40	61.03 3.71 -20.25	64.65 4.21 -18.37	53.84 4.77 -0.86	49.76 4.27 -0.01	47.46 3.92 -0.01	42.59 3.23 -0.01	37.59 2.66 -0.39	34.04 2.25 -1.38

TILDEN___115KV_TB1 80814	29.57 0.06 0.00	25.91 0.03 0.00	23.87 -0.02 0.00	22.18 -0.02 0.00	21.94 -0.04 0.00	24.23 -0.05 0.00	28.42 -0.14 0.00	30.87 -0.25 0.00	29.49 -0.15 0.00	27.22 -0.16 0.00	26.54 -0.13 0.00	26.30 -0.16 0.00	26.73 -0.24 0.00	26.52 -0.24 0.00	27.28 -0.14 0.00	28.85 -0.06 0.00	36.82 -0.26 0.00	41.61 -0.46 0.00	47.77 -0.43 0.00	45.16 -0.32 0.00	43.23 -0.30 0.00	39.00 -0.35 0.00	34.20 -0.35 0.00	30.17 -0.24 0.00
TRIGEN___CC 323695	49.43 2.36 -17.55	32.97 1.99 -5.09	25.83 1.91 -0.02	24.02 1.80 -0.02	23.78 1.78 -0.02	26.24 1.94 -0.02	30.69 2.11 -0.02	34.40 2.52 -0.76	32.18 2.52 -0.02	32.37 2.25 -2.73	38.38 2.13 -9.57	47.98 2.12 -19.41	48.04 2.19 -18.88	45.82 2.25 -16.82	47.08 2.39 -17.28	44.99 2.43 -13.65	52.35 2.78 -12.49	63.61 3.16 -18.38	52.78 3.71 -0.86	48.81 3.32 -0.02	46.55 3.00 -0.02	41.97 2.60 -0.02	37.44 2.21 -0.69	34.72 1.89 -2.42
TRINITY___115KV___4 BK 55933	30.01 0.50 0.00	26.35 0.47 0.00	24.35 0.45 0.00	22.63 0.42 0.00	22.40 0.42 0.00	24.69 0.41 0.00	28.93 0.37 0.00	31.52 0.40 0.00	29.94 0.30 0.00	27.18 0.30 0.51	26.71 0.37 0.33	26.44 0.34 0.36	26.78 0.35 0.54	26.20 0.40 0.95	26.65 0.55 1.32	27.84 0.55 1.62	36.06 0.41 1.42	40.12 0.34 2.29	48.58 0.48 0.11	45.84 0.36 0.00	43.84 0.30 0.00	39.63 0.28 0.00	34.75 0.21 0.00	30.53 0.12 0.01
UNION___PROCESSING_DRP 323587	29.19 -0.32 0.00	25.58 -0.31 0.00	23.54 -0.36 0.00	21.85 -0.36 0.00	21.59 -0.40 0.00	23.79 -0.49 0.00	27.65 -0.91 0.00	30.15 -0.96 0.00	29.14 -0.50 0.00	26.87 -0.52 0.00	26.33 -0.35 0.00	26.11 -0.34 0.00	26.41 -0.57 0.00	26.19 -0.56 0.00	26.81 -0.60 0.00	28.45 -0.46 0.00	36.22 -0.85 0.00	40.77 -1.30 0.00	46.71 -1.49 0.00	44.48 -1.00 0.00	42.66 -0.87 0.00	38.37 -0.98 0.00	33.54 -1.00 0.00	30.02 -0.40 0.00
UPPER HUDSON___HYD 24058	31.37 1.86 0.00	27.52 1.63 0.00	25.40 1.51 0.00	23.58 1.38 0.00	23.30 1.32 0.00	25.57 1.29 0.00	29.90 1.34 0.00	32.55 1.43 0.00	30.92 1.27 0.00	27.84 0.96 0.51	27.20 0.85 0.32	27.11 0.82 0.17	27.33 0.75 0.40	26.73 0.78 0.80	27.36 1.10 1.16	28.62 1.24 1.53	37.07 1.37 1.38	41.60 1.68 2.15	50.33 2.22 0.10	47.71 2.23 0.00	45.75 2.22 0.00	41.28 1.93 0.00	36.13 1.59 0.00	32.01 1.61 0.01
UPPER RAQUET___HYD 24056	29.04 -0.47 0.00	25.73 -0.15 0.00	23.73 -0.17 0.00	22.03 -0.18 0.00	21.83 -0.15 0.00	24.04 -0.24 0.00	28.42 -0.14 0.00	31.02 -0.09 0.00	29.35 -0.30 0.00	27.11 -0.27 0.00	26.32 -0.35 0.00	26.14 -0.32 0.00	26.73 -0.24 0.00	26.46 -0.29 0.00	27.01 -0.41 0.00	28.50 -0.40 0.00	36.82 -0.26 0.00	41.44 -0.63 0.00	47.24 -0.96 0.00	44.52 -0.96 0.00	43.58 0.04 0.00	39.67 0.31 0.00	35.23 0.69 0.00	30.93 0.52 0.00
VALLEY44_115KV_TB2 355964	29.31 -0.21 0.00	25.60 -0.28 0.00	23.54 -0.36 0.00	21.94 -0.27 0.00	21.68 -0.31 0.00	23.92 -0.36 0.00	27.65 -0.91 0.00	30.12 -1.00 0.00	29.26 -0.39 0.00	27.09 -0.36 -0.06	26.59 -0.13 -0.06	26.24 -0.24 -0.02	26.61 -0.46 -0.09	26.47 -0.51 -0.22	27.19 -0.55 -0.32	29.01 -0.32 -0.42	36.74 -0.52 -0.19	41.53 -1.14 -0.59	47.08 -1.16 -0.03	44.80 -0.68 0.00	42.71 -0.83 0.00	38.29 -1.06 0.00	33.54 -1.00 0.00	30.20 -0.21 0.00
VALLEY___115KV_TB 1-4 80826	29.54 0.03 0.00	25.94 0.05 0.00	23.94 0.05 0.00	22.23 0.02 0.00	22.05 0.07 0.00	24.38 0.10 0.00	28.64 0.09 0.00	31.21 0.09 0.00	29.73 0.09 0.00	27.44 0.05 0.00	26.75 0.08 0.00	26.51 0.05 0.00	26.95 -0.03 0.00	26.73 -0.03 0.00	27.44 0.03 0.00	28.99 0.09 0.00	37.15 0.07 0.00	42.12 0.04 0.00	48.35 0.14 0.00	45.62 0.14 0.00	43.62 0.09 0.00	39.40 0.04 0.00	34.51 -0.03 0.00	30.32 -0.09 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	30.90 1.39 0.00	27.05 1.16 0.00	24.97 1.08 0.00	23.16 0.95 0.00	22.97 0.99 0.00	25.37 1.09 0.00	29.70 1.14 0.00	32.49 1.37 0.00	31.12 1.48 0.00	28.80 1.26 -0.15	28.06 1.25 -0.13	27.69 1.19 -0.04	28.25 1.05 -0.22	28.33 1.04 -0.53	29.24 1.07 -0.76	31.21 1.30 -1.00	39.02 1.52 -0.43	45.03 1.60 -1.35	50.39 2.12 -0.06	47.43 1.96 0.00	45.32 1.78 0.00	41.01 1.65 0.00	35.92 1.38 0.00	31.60 1.19 0.00
VISCHER___FERRY HYD 24020	30.55 1.03 0.00	26.77 0.88 0.00	24.76 0.86 0.00	23.00 0.80 0.00	22.78 0.79 0.00	25.13 0.85 0.00	29.36 0.80 0.00	32.05 0.93 0.00	30.53 0.89 0.00	27.47 0.71 0.63	26.92 0.64 0.39	26.69 0.63 0.40	27.01 0.62 0.58	26.44 0.67 0.99	26.93 0.88 1.37	28.15 0.92 1.69	36.29 0.93 1.71	40.76 1.05 2.37	49.40 1.30 0.11	46.71 1.23 0.00	44.71 1.18 0.00	40.38 1.02 0.00	35.30 0.76 0.00	31.04 0.64 0.01
V_A_10_SYNC_DSASP 323832	28.69 -0.83 0.00	25.11 -0.78 0.00	23.16 -0.74 0.00	21.50 -0.71 0.00	21.26 -0.73 0.00	23.43 -0.85 0.00	27.05 -1.51 0.00	29.37 -1.74 0.00	28.58 -1.07 0.00	26.38 -1.01 0.00	25.90 -0.77 0.00	25.66 -0.79 0.00	25.95 -1.03 0.00	25.71 -1.04 0.00	26.27 -1.15 0.00	27.81 -1.10 0.00	35.43 -1.78 -0.13	40.06 -2.44 -0.42	45.38 -2.84 -0.02	43.30 -2.18 0.00	41.58 -1.96 0.00	37.35 -2.01 0.00	32.64 -1.90 0.00	29.50 -0.91 0.00
V_CMM_10_SYNC_DSASP 323787	29.10 -0.41 0.00	25.68 -0.21 0.00	23.68 -0.22 0.00	22.03 -0.18 0.00	21.81 -0.18 0.00	24.04 -0.24 0.00	28.42 -0.14 0.00	31.02 -0.09 0.00	29.44 -0.21 0.00	27.25 -0.14 0.00	26.49 -0.19 0.00	26.30 -0.16 0.00	26.95 -0.03 0.00	26.68 -0.08 0.00	27.23 -0.19 0.00	28.68 -0.23 0.00	37.04 -0.04 0.00	42.16 0.08 0.00	48.16 -0.05 0.00	45.34 -0.14 0.00	43.58 0.04 0.00	39.51 0.16 0.00	34.85 0.31 0.00	30.63 0.21 0.00
V_CMP_10_SYNC_DSASP 323788	29.54 0.03 0.00	26.07 0.18 0.00	24.06 0.17 0.00	22.38 0.18 0.00	22.14 0.15 0.00	24.40 0.12 0.00	28.64 0.09 0.00	31.30 0.19 0.00	29.73 0.09 0.00	27.50 0.11 0.00	26.70 0.03 0.00	26.48 0.03 0.00	27.14 0.16 0.00	26.89 0.13 0.00	27.44 0.03 0.00	28.91 0.00 0.00	37.37 0.30 0.00	42.54 0.46 0.00	48.35 0.15 0.00	45.57 0.09 0.00	43.93 0.39 0.00	40.22 0.86 0.00	35.44 0.90 0.00	31.14 0.73 0.00
V_D_10_SYNC_DSASP 323841	29.22 -0.30 0.00	25.81 -0.08 0.00	23.83 -0.07 0.00	22.14 -0.07 0.00	21.92 -0.07 0.00	24.14 -0.14 0.00	28.53 -0.03 0.00	31.15 0.03 0.00	29.52 -0.12 0.00	27.33 -0.05 0.00	26.57 -0.11 0.00	26.38 -0.08 0.00	27.03 0.05 0.00	26.78 0.03 0.00	27.31 -0.11 0.00	28.76 -0.14 0.00	37.15 0.07 0.00	42.29 0.21 0.00	48.31 0.10 0.00	45.48 0.00 0.00	43.80 0.26 0.00	39.75 0.39 0.00	35.09 0.55 0.00	30.84 0.43 0.00
V_E_10_SYNC_DSASP 323830	31.64 2.13 0.00	27.83 1.94 0.00	25.62 1.72 0.00	23.72 1.51 0.00	23.61 1.63 0.00	26.08 1.80 0.00	30.62 2.06 0.00	33.29 2.18 0.00	31.60 1.96 0.00	29.00 1.51 -0.11	28.26 1.49 -0.10	27.86 1.37 -0.03	28.16 1.02 -0.16	28.11 0.96 -0.39	29.13 1.15 -0.56	31.38 1.73 -0.74	39.58 2.19 -0.31	45.42 2.35 -0.99	51.77 3.52 -0.05	48.93 3.45 0.00	46.89 3.35 0.00	42.27 2.91 0.00	36.99 2.45 0.00	32.57 2.16 0.00



V_F_30_NSYNC___DSASP 323816	31.05 1.53 0.00	27.18 1.29 0.00	25.11 1.22 0.00	23.32 1.11 0.00	23.06 1.08 0.00	25.45 1.17 0.00	29.73 1.17 0.00	32.39 1.28 0.00	30.83 1.19 0.00	27.76 0.90 0.53	27.16 0.83 0.34	26.90 0.79 0.35	27.20 0.75 0.53	26.62 0.78 0.91	27.17 1.02 1.26	28.48 1.13 1.56	36.90 1.26 1.44	41.36 1.47 2.19	49.99 1.88 0.10	47.39 1.91 0.00	45.36 1.83 0.00	41.01 1.65 0.00	35.85 1.31 0.00	31.62 1.22 0.01
V_F_30_SYNC_DSASP 323786	30.13 0.62 0.00	26.43 0.54 0.00	24.45 0.55 0.00	22.69 0.49 0.00	22.47 0.48 0.00	24.79 0.51 0.00	29.02 0.46 0.00	31.61 0.50 0.00	30.03 0.39 0.00	27.26 0.38 0.51	26.79 0.45 0.33	26.52 0.42 0.36	26.87 0.43 0.54	26.29 0.48 0.94	26.77 0.66 1.30	27.94 0.64 1.60	36.18 0.52 1.41	40.31 0.50 2.27	48.78 0.67 0.10	46.02 0.55 0.00	44.01 0.48 0.00	39.79 0.43 0.00	34.85 0.31 0.00	30.65 0.24 0.01
V_XM_10_SYNC_DSASP 323789	29.54 0.03 0.00	26.07 0.18 0.00	24.06 0.17 0.00	22.38 0.18 0.00	22.14 0.15 0.00	24.40 0.12 0.00	28.64 0.09 0.00	31.30 0.19 0.00	29.73 0.09 0.00	27.50 0.11 0.00	26.70 0.03 0.00	26.48 0.03 0.00	27.14 0.16 0.00	26.89 0.13 0.00	27.44 0.03 0.00	28.91 0.00 0.00	37.37 0.30 0.00	42.54 0.46 0.00	48.35 0.15 0.00	45.57 0.09 0.00	43.93 0.39 0.00	40.22 0.86 0.00	35.44 0.90 0.00	31.14 0.73 0.00
W.BABYLN_69_KV_BK1 56697	43.51 3.04 -10.96	31.60 2.54 -3.18	26.32 2.41 -0.01	24.48 2.27 -0.01	24.26 2.26 -0.01	26.74 2.45 -0.01	31.25 2.68 -0.01	34.80 3.21 -0.48	32.80 3.14 -0.02	32.74 2.79 -2.55	36.03 2.69 -6.66	39.09 2.70 -9.94	41.01 2.81 -11.23	41.36 2.86 -11.74	43.60 2.93 -13.25	45.33 3.04 -13.38	52.10 3.49 -11.54	64.40 3.95 -18.37	53.74 4.68 -0.86	49.76 4.27 -0.01	47.51 3.96 -0.01	42.75 3.38 -0.01	37.94 2.97 -0.43	34.46 2.52 -1.52
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.58 2.07 0.00	27.54 1.66 0.00	25.45 1.55 0.00	23.67 1.47 0.00	23.44 1.45 0.00	25.88 1.60 0.00	30.27 1.71 0.00	33.26 2.15 0.00	31.81 2.16 0.00	31.47 1.97 -2.10	30.32 1.89 -1.76	31.63 1.88 -3.30	33.40 1.89 -4.54	36.52 1.95 -7.81	39.97 2.08 -10.47	43.21 2.17 -12.13	45.95 2.63 -6.24	62.17 2.90 -17.19	52.43 3.42 -0.79	48.39 2.91 0.00	46.10 2.57 0.00	41.72 2.36 0.00	36.51 1.97 0.00	32.01 1.58 -0.01
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.90 2.39 0.00	27.80 1.92 0.00	25.71 1.82 0.00	23.89 1.69 0.00	23.68 1.69 0.00	26.10 1.82 0.00	30.59 2.03 0.00	33.58 2.46 0.00	32.16 2.52 0.00	31.97 2.33 -2.26	30.84 2.27 -1.90	35.83 2.22 -7.15	36.56 2.27 -7.32	39.45 2.35 -10.34	42.93 2.49 -13.02	44.47 2.54 -13.02	46.68 2.93 -6.67	63.74 3.24 -18.42	52.82 3.76 -0.85	48.66 3.18 0.00	46.36 2.83 0.00	42.03 2.68 0.00	36.68 2.14 0.00	32.22 1.79 -0.01
W50THST__13_KV_LOAD 356117	32.02 2.51 0.00	27.93 2.05 0.00	25.81 1.91 0.00	24.00 1.80 0.00	23.77 1.78 0.00	26.22 1.94 0.00	30.73 2.17 0.00	33.76 2.64 0.00	32.37 2.73 0.00	32.16 2.52 -2.26	31.00 2.43 -1.90	36.04 2.43 -7.15	36.75 2.45 -7.32	39.64 2.54 -10.34	43.12 2.69 -13.02	44.68 2.75 -13.02	46.94 3.19 -6.67	64.03 3.53 -18.42	53.11 4.05 -0.85	48.93 3.46 0.00	46.58 3.05 0.00	42.23 2.87 0.00	36.86 2.31 0.00	32.34 1.92 -0.01
WADING RIVER_IC_1 23522	41.77 2.33 -9.93	30.65 1.89 -2.88	25.82 1.91 -0.01	24.01 1.80 -0.01	23.82 1.82 -0.01	26.26 1.97 -0.01	30.48 1.91 -0.01	34.10 2.55 -0.43	32.54 2.82 -0.08	32.44 2.47 -2.59	34.96 2.08 -6.21	36.95 2.04 -8.46	39.14 2.13 -10.03	39.93 2.17 -11.00	42.42 2.38 -12.62	44.76 2.46 -13.40	60.05 2.74 -20.23	63.51 3.11 -18.32	52.63 3.57 -0.86	48.76 3.28 -0.01	46.68 3.14 -0.01	41.81 2.44 -0.01	36.90 1.97 -0.39	33.43 1.64 -1.38
WADING RIVER_IC_2 23547	41.77 2.33 -9.93	30.65 1.89 -2.88	25.82 1.91 -0.01	24.01 1.80 -0.01	23.82 1.82 -0.01	26.26 1.97 -0.01	30.48 1.91 -0.01	34.10 2.55 -0.43	32.54 2.82 -0.08	32.44 2.47 -2.59	34.96 2.08 -6.21	36.95 2.04 -8.46	39.14 2.13 -10.03	39.93 2.17 -11.00	42.42 2.38 -12.62	44.76 2.46 -13.40	60.05 2.74 -20.23	63.51 3.11 -18.32	52.63 3.57 -0.86	48.76 3.28 -0.01	46.68 3.14 -0.01	41.81 2.44 -0.01	36.90 1.97 -0.39	33.43 1.64 -1.38
WADING RIVER_IC_3 23601	41.77 2.33 -9.93	30.65 1.89 -2.88	25.82 1.91 -0.01	24.01 1.80 -0.01	23.82 1.82 -0.01	26.26 1.97 -0.01	30.48 1.91 -0.01	34.10 2.55 -0.43	32.54 2.82 -0.08	32.44 2.47 -2.59	34.96 2.08 -6.21	36.95 2.04 -8.46	39.14 2.13 -10.03	39.93 2.17 -11.00	42.42 2.38 -12.62	44.76 2.46 -13.40	60.05 2.74 -20.23	63.51 3.11 -18.32	52.63 3.57 -0.86	48.76 3.28 -0.01	46.68 3.14 -0.01	41.81 2.44 -0.01	36.90 1.97 -0.39	33.43 1.64 -1.38
WALDENNY_12_KV_BK2 80841	29.22 -0.30 0.00	25.55 -0.34 0.00	23.51 -0.38 0.00	21.90 -0.31 0.00	21.61 -0.37 0.00	23.84 -0.44 0.00	27.39 -1.17 0.00	29.72 -1.40 0.00	28.99 -0.65 0.00	26.87 -0.58 -0.05	26.43 -0.29 -0.05	26.13 -0.34 -0.02	26.46 -0.59 -0.08	26.36 -0.59 -0.19	27.00 -0.69 -0.27	28.69 -0.58 -0.36	36.13 -1.11 -0.16	40.69 -1.89 -0.51	46.06 -2.17 -0.02	43.93 -1.55 0.00	42.10 -1.44 0.00	37.82 -1.53 0.00	33.09 -1.45 0.00	29.96 -0.46 0.00
WALDEN__HYDRO 24148	31.37 1.86 0.00	27.39 1.50 0.00	25.31 1.41 0.00	23.54 1.33 0.00	23.28 1.30 0.00	25.74 1.46 0.00	30.10 1.54 0.00	33.02 1.90 0.00	31.54 1.90 0.00	30.56 1.67 -1.50	29.48 1.60 -1.20	28.98 1.59 -0.93	30.72 1.59 -2.16	32.90 1.66 -4.49	35.51 1.78 -6.31	38.82 1.85 -8.06	43.74 2.26 -4.40	56.02 2.52 -11.42	51.73 2.99 -0.53	48.03 2.55 0.00	45.84 2.31 0.00	41.44 2.09 0.00	36.27 1.73 0.00	31.83 1.40 -0.01
WARRENSBURG____ 23737	31.37 1.86 0.00	27.52 1.63 0.00	25.40 1.51 0.00	23.58 1.38 0.00	23.30 1.32 0.00	25.57 1.29 0.00	29.96 1.40 0.00	32.55 1.43 0.00	30.92 1.27 0.00	27.84 0.96 0.51	27.20 0.85 0.32	27.11 0.82 0.17	27.33 0.76 0.40	26.73 0.78 0.80	27.33 1.07 1.15	28.59 1.21 1.53	37.05 1.37 1.40	41.58 1.68 2.17	50.33 2.22 0.10	47.71 2.23 0.00	45.75 2.22 0.00	41.29 1.93 0.00	36.13 1.59 0.00	32.02 1.61 0.01
WATERSIDE____6 8 9 23538	31.97 2.45 -0.01	27.89 1.99 -0.01	25.77 1.86 -0.01	23.97 1.75 -0.01	23.75 1.76 -0.01	26.15 1.87 0.00	30.56 2.00 0.00	33.58 2.46 0.00	32.16 2.52 0.00	32.00 2.36 -2.26	30.87 2.29 -1.90	37.03 2.20 -8.37	37.33 2.21 -8.15	40.05 2.30 -11.00	43.47 2.44 -13.61	44.43 2.51 -13.01	46.60 2.85 -6.66	63.63 3.16 -18.40	52.67 3.62 -0.85	48.53 3.05 0.00	46.23 2.70 0.00	41.95 2.60 0.00	36.75 2.21 0.00	32.31 1.89 -0.01
WATKINRD_115KV_LN8_ILLION 55919	29.57 0.06 0.00	25.94 0.05 0.00	23.97 0.07 0.00	22.25 0.04 0.00	22.05 0.07 0.00	24.38 0.10 0.00	28.64 0.09 0.00	31.21 0.09 0.00	29.73 0.09 0.00	27.42 0.03 0.00	26.73 0.05 0.00	26.48 0.03 0.00	26.95 -0.03 0.00	26.73 -0.03 0.00	27.44 0.03 0.00	28.99 0.09 0.00	37.15 0.07 0.00	42.12 0.04 0.00	48.35 0.14 0.00	45.57 0.09 0.00	43.62 0.09 0.00	39.40 0.04 0.00	34.51 -0.03 0.00	30.35 -0.06 0.00

WDELAWARE___HYD 323627	31.55 2.03 0.00	27.52 1.63 0.00	25.38 1.48 0.00	23.61 1.40 0.00	23.37 1.39 0.00	25.84 1.56 0.00	30.21 1.66 0.00	33.11 1.99 0.00	31.63 1.99 0.00	30.39 1.75 -1.25	29.33 1.65 -1.01	28.83 1.64 -0.74	30.37 1.62 -1.78	32.15 1.66 -3.73	34.49 1.81 -5.26	37.62 1.97 -6.74	43.19 2.45 -3.67	54.34 2.82 -9.45	52.02 3.37 -0.44	48.43 2.95 0.00	46.23 2.70 0.00	41.76 2.40 0.00	36.54 2.00 0.00	32.06 1.64 -0.01
WEST BABYLON___IC 23714	43.51 3.04 -10.96	31.60 2.54 -3.18	26.32 2.41 -0.01	24.48 2.27 -0.01	24.26 2.26 -0.01	26.74 2.45 -0.01	31.25 2.68 -0.01	34.80 3.21 -0.48	32.80 3.14 -0.02	32.74 2.79 -2.55	36.03 2.69 -6.66	39.09 2.70 -9.94	41.01 2.81 -11.23	41.36 2.86 -11.74	43.60 2.93 -13.25	45.33 3.04 -13.38	52.10 3.49 -11.54	64.40 3.95 -18.37	53.74 4.68 -0.86	49.76 4.27 -0.01	47.51 3.96 -0.01	42.75 3.38 -0.01	37.94 2.97 -0.43	34.46 2.52 -1.52
WEST CANADA___HYD 24049	29.66 0.15 0.00	26.02 0.13 0.00	24.02 0.12 0.00	22.32 0.11 0.00	22.10 0.11 0.00	24.40 0.12 0.00	28.67 0.11 0.00	31.24 0.12 0.00	29.76 0.12 0.00	27.47 0.08 0.00	26.75 0.08 0.00	26.54 0.08 0.00	27.03 0.05 0.00	26.81 0.05 0.00	27.53 0.11 0.00	29.02 0.12 0.00	37.19 0.11 0.00	42.16 0.08 0.00	48.35 0.15 0.00	45.62 0.14 0.00	43.62 0.09 0.00	39.44 0.08 0.00	34.61 0.07 0.00	30.44 0.03 0.00
WESTERN_NY_WIND 24143	29.51 0.00 0.00	25.89 0.00 0.00	23.82 -0.07 0.00	22.14 -0.07 0.00	21.85 -0.13 0.00	24.06 -0.22 0.00	27.67 -0.89 0.00	30.18 -0.93 0.00	29.32 -0.33 0.00	27.05 -0.38 -0.04	26.53 -0.19 -0.04	26.28 -0.19 -0.01	26.53 -0.51 -0.07	26.41 -0.51 -0.16	27.10 -0.55 -0.23	28.84 -0.38 -0.30	36.36 -0.85 -0.14	41.08 -1.43 -0.44	46.64 -1.59 -0.02	44.61 -0.86 0.00	42.79 -0.74 0.00	38.45 -0.91 0.00	33.61 -0.93 0.00	30.38 -0.03 0.00
WESTOVER___LESR 323668	29.93 0.41 0.00	26.20 0.31 0.00	24.16 0.26 0.00	22.45 0.24 0.00	22.23 0.24 0.00	24.52 0.24 0.00	28.67 0.11 0.00	31.24 0.12 0.00	29.91 0.27 0.00	27.69 0.19 -0.11	27.01 0.24 -0.10	26.68 0.19 -0.03	27.23 0.08 -0.17	27.24 0.08 -0.41	28.17 0.16 -0.59	30.00 0.32 -0.78	37.71 0.30 -0.33	43.22 0.08 -1.06	48.50 0.24 -0.05	45.84 0.36 0.00	43.80 0.26 0.00	39.51 0.16 0.00	34.61 0.07 0.00	30.66 0.24 0.00
WETHRSFD_WT_PWR 323626	29.31 -0.21 0.00	25.68 -0.21 0.00	23.61 -0.29 0.00	21.96 -0.24 0.00	21.70 -0.29 0.00	23.94 -0.34 0.00	27.87 -0.69 0.00	29.87 -1.25 0.00	28.93 -0.71 0.00	26.79 -0.66 -0.06	26.33 -0.40 -0.06	26.00 -0.48 -0.02	26.37 -0.70 -0.09	26.29 -0.70 -0.23	26.89 -0.85 -0.33	28.62 -0.72 -0.43	36.08 -1.19 -0.19	40.70 -1.98 -0.60	46.36 -1.88 -0.03	44.07 -1.41 0.00	42.32 -1.22 0.00	37.98 -1.38 0.00	33.30 -1.24 0.00	29.93 -0.49 0.00
WHAVSTOR_138KV_BK127 55557	31.49 1.98 0.00	27.47 1.58 0.00	25.38 1.48 0.00	23.61 1.40 0.00	23.37 1.39 0.00	25.79 1.51 0.00	30.19 1.63 0.00	33.14 2.02 0.00	31.72 2.07 0.00	31.40 1.89 -2.12	30.28 1.84 -1.77	31.60 1.80 -3.35	33.37 1.81 -4.59	36.51 1.87 -7.88	39.97 2.00 -10.55	43.21 2.08 -12.22	45.80 2.45 -6.28	62.12 2.73 -17.31	52.19 3.18 -0.80	48.21 2.73 0.00	45.93 2.39 0.00	41.56 2.20 0.00	36.37 1.83 0.00	31.92 1.49 -0.01
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.49 1.98 0.00	27.47 1.58 0.00	25.38 1.48 0.00	23.61 1.40 0.00	23.37 1.39 0.00	25.79 1.51 0.00	30.19 1.63 0.00	33.14 2.02 0.00	31.72 2.07 0.00	31.40 1.89 -2.12	30.28 1.84 -1.77	31.60 1.80 -3.35	33.37 1.81 -4.59	36.51 1.87 -7.88	39.97 2.00 -10.55	43.21 2.08 -12.22	45.80 2.45 -6.28	62.12 2.73 -17.31	52.19 3.18 -0.80	48.21 2.73 0.00	45.93 2.39 0.00	41.56 2.20 0.00	36.37 1.83 0.00	31.92 1.49 -0.01
WHITEHAL_115KV_TB1 80871	32.38 2.86 0.00	28.32 2.43 0.00	26.12 2.22 0.00	24.23 2.02 0.00	23.90 1.91 0.00	26.34 2.06 0.00	30.84 2.28 0.00	33.45 2.33 0.00	31.75 2.10 0.00	28.47 1.59 0.51	27.79 1.44 0.32	27.72 1.43 0.17	27.90 1.32 0.40	27.26 1.31 0.80	28.02 1.75 1.15	29.37 1.99 1.53	38.05 2.37 1.40	42.89 2.99 2.17	52.01 3.90 0.10	49.44 3.96 0.00	47.45 3.92 0.00	42.82 3.46 0.00	37.41 2.87 0.00	33.11 2.71 0.01
WHITEPLN_13_KV_LOAD 356215	31.96 2.45 0.00	27.85 1.97 0.00	25.74 1.84 0.00	23.94 1.73 0.00	23.68 1.69 0.00	26.15 1.87 0.00	30.62 2.06 0.00	33.64 2.52 0.00	32.22 2.58 0.00	32.03 2.36 -2.29	30.89 2.29 -1.92	33.44 2.22 -4.76	34.97 2.24 -5.75	38.29 2.35 -9.17	41.99 2.55 -12.03	44.76 2.57 -13.28	46.90 3.04 -6.79	64.29 3.41 -18.80	53.03 3.95 -0.87	48.89 3.41 0.00	46.63 3.09 0.00	42.23 2.87 0.00	36.89 2.35 0.00	32.34 1.92 -0.01
WM_FLOYD_69_KV_BK2 356380	42.17 2.72 -9.95	31.00 2.23 -2.88	26.11 2.20 -0.01	24.30 2.09 -0.01	24.08 2.09 -0.01	26.55 2.26 -0.01	30.91 2.34 -0.01	34.44 2.89 -0.43	32.75 3.02 -0.08	32.61 2.63 -2.59	35.26 2.37 -6.22	37.32 2.38 -8.49	39.57 2.54 -10.06	40.37 2.60 -11.02	42.74 2.69 -12.63	45.09 2.78 -13.40	60.63 3.15 -20.41	64.06 3.62 -18.37	53.31 4.24 -0.86	49.35 3.87 -0.01	47.07 3.53 -0.01	42.32 2.95 -0.01	37.42 2.49 -0.39	33.86 2.07 -1.38
WOODARD__115KV_TB2 355635	29.42 -0.09 0.00	25.78 -0.10 0.00	23.75 -0.14 0.00	22.10 -0.11 0.00	21.85 -0.13 0.00	24.11 -0.17 0.00	28.30 -0.26 0.00	30.74 -0.37 0.00	29.38 -0.27 0.00	27.09 -0.30 0.00	26.41 -0.27 0.00	26.17 -0.29 0.00	26.62 -0.35 0.00	26.41 -0.35 0.00	27.14 -0.27 0.00	28.71 -0.20 0.00	36.59 -0.48 0.00	41.36 -0.72 0.00	47.44 -0.77 0.00	44.89 -0.59 0.00	42.97 -0.57 0.00	38.77 -0.59 0.00	33.95 -0.59 0.00	29.99 -0.43 0.00
WOODMERE_69_KV_BK1 55827	48.39 2.80 -16.08	32.88 2.33 -4.66	26.14 2.22 -0.02	24.29 2.07 -0.02	24.07 2.07 -0.01	26.55 2.26 -0.02	31.06 2.48 -0.02	34.71 2.89 -0.70	32.56 2.90 -0.02	32.71 2.63 -2.69	38.10 2.51 -8.92	46.26 2.51 -17.29	46.70 2.56 -17.17	45.09 2.65 -15.68	46.59 2.80 -16.38	45.36 2.86 -13.59	52.45 3.37 -12.00	64.28 3.83 -18.38	53.60 4.53 -0.86	49.54 4.05 -0.01	47.25 3.70 -0.01	42.60 3.23 -0.01	37.86 2.69 -0.63	34.94 2.31 -2.22
YORK___WARBASSE 23770	32.18 2.66 -0.01	28.07 2.17 -0.01	25.91 2.01 -0.01	24.08 1.87 -0.01	23.86 1.87 -0.01	26.25 1.97 0.00	30.64 2.08 0.00	33.67 2.55 0.00	32.25 2.61 0.00	32.11 2.46 -2.26	30.98 2.40 -1.90	37.08 2.25 -8.37	37.42 2.29 -8.15	40.13 2.38 -11.00	43.55 2.52 -13.61	44.52 2.60 -13.01	46.71 2.97 -6.66	63.80 3.32 -18.40	52.87 3.81 -0.85	48.71 3.23 0.00	46.36 2.83 0.00	42.11 2.75 0.00	36.99 2.45 0.00	32.57 2.13 -0.02