

Day Ahead Market Generator LBMP

Generator Data		--- Marginal Cost of Losses															--- Marginal Cost of Congestion										10/31/2024		
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00				
59TH STREET_GT_1	24138	23.76	22.05	21.06	19.88	20.92	22.59	32.02	35.27	34.55	30.09	27.85	28.21	29.03	30.64	32.37	35.27	40.54	46.22	48.21	42.20	38.24	32.95	28.97	25.03				
		1.62	1.33	1.30	1.21	1.22	1.36	1.78	2.25	2.50	2.20	2.09	2.14	2.15	2.43	2.59	2.82	2.94	3.54	3.74	3.20	2.96	2.44	2.32	1.79				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
74TH STREET_GT_1	24260	23.80	22.09	21.10	19.94	20.96	22.65	32.02	35.26	34.58	30.09	27.90	28.26	29.30	30.67	32.43	35.31	40.58	46.27	48.30	42.24	38.34	33.01	29.05	25.10				
		1.66	1.37	1.34	1.27	1.26	1.42	1.78	2.25	2.53	2.20	2.14	2.19	2.42	2.45	2.65	2.86	2.97	3.59	3.82	3.24	3.07	2.50	2.40	1.86				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
74TH STREET_GT_2	24261	23.80	22.09	21.10	19.94	20.96	22.65	32.02	35.26	34.58	30.09	27.90	28.26	29.30	30.67	32.43	35.31	40.58	46.27	48.30	42.24	38.34	33.01	29.05	25.10				
		1.66	1.37	1.34	1.27	1.26	1.42	1.78	2.25	2.53	2.20	2.14	2.19	2.42	2.45	2.65	2.86	2.97	3.59	3.82	3.24	3.07	2.50	2.40	1.86				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
ADK HUDSON___FALLS	24011	23.84	22.28	21.12	19.96	21.08	22.70	31.87	34.80	33.90	29.31	27.00	27.14	27.90	29.31	30.94	34.01	39.37	46.61	47.92	41.32	38.17	34.10	28.78	25.03				
		1.70	1.55	1.36	1.29	1.38	1.46	1.63	1.78	1.86	1.42	1.24	1.07	1.02	1.10	1.16	1.56	1.77	2.39	2.62	2.30	2.12	1.74	1.57	1.67				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.54	-0.82	-0.01	-0.78	-1.85	-0.55	-0.12				
ADK RESOURCE___RCVRY	23798	23.98	22.40	21.20	20.05	21.18	22.80	31.99	34.93	34.03	29.39	27.08	27.22	27.90	29.37	31.00	34.10	39.49	46.75	48.08	41.47	38.30	34.22	28.84	25.14				
		1.84	1.68	1.44	1.38	1.48	1.57	1.75	1.91	1.99	1.50	1.31	1.15	1.02	1.16	1.22	1.65	1.88	2.56	2.80	2.46	2.26	1.89	1.65	1.79				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.51	-0.80	-0.01	-0.76	-1.81	-0.54	-0.12				
ADK S GLENS___FALLS	24028	23.84	22.28	21.12	19.96	21.08	22.70	31.87	34.80	33.90	29.31	27.00	27.14	27.90	29.31	30.94	34.01	39.37	46.61	47.92	41.32	38.17	34.10	28.78	25.03				
		1.70	1.55	1.36	1.29	1.38	1.46	1.63	1.78	1.86	1.42	1.24	1.07	1.02	1.10	1.16	1.56	1.77	2.39	2.62	2.30	2.12	1.74	1.57	1.67				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.54	-0.82	-0.01	-0.78	-1.85	-0.55	-0.12				
ADK_NYS___DAM	23527	23.60	22.05	21.02	19.86	20.94	22.55	32.02	35.07	34.19	29.70	27.31	27.45	28.12	29.73	31.51	34.36	39.98	47.82	48.71	41.63	38.83	35.30	29.30	24.97				
		1.46	1.33	1.27	1.20	1.24	1.32	1.78	2.05	2.15	1.81	1.55	1.38	1.24	1.52	1.73	1.91	2.37	2.86	3.03	2.61	2.40	2.04	1.84	1.56				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.28	-1.21	-0.02	-1.15	-2.74	-0.82	-0.18				
AIR_PRODUCTS___DRP	24190	22.67	21.32	20.37	19.27	20.27	21.66	30.69	33.35	32.43	28.16	25.97	26.20	27.20	28.55	30.23	33.03	38.25	41.05	44.15	39.84	34.81	28.14	26.36	23.53				
		0.53	0.60	0.61	0.60	0.57	0.42	0.45	0.33	0.38	0.28	0.21	0.13	0.32	0.34	0.45	0.58	0.64	0.90	1.02	0.86	0.81	0.67	0.61	0.49				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.53	1.34	0.02	1.28	3.04	0.91	0.20				
AKWESSNE_115KV_BK	355683	11.02	13.44	12.53	13.52	17.94	19.41	30.24	32.95	31.95	27.91	25.74	26.07	26.83	28.13	29.72	32.39	37.53	42.51	44.16	38.73	34.55	28.42	24.32	21.17				
		-0.11	-0.10	-0.10	-0.11	-0.10	-0.06	0.00	-0.07	-0.10	0.03	-0.03	0.00	-0.05	-0.08	-0.06	-0.06	-0.08	-0.17	-0.31	-0.27	-0.25	-0.21	-0.24	-0.19				
		11.01	7.18	7.13	5.04	1.66	1.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	1.87	2.09	1.88				
ALBANY_1_SOLAR	323833	23.03	21.61	20.61	19.47	20.52	21.95	31.23	33.91	32.91	28.44	26.17	26.36	27.20	28.66	30.38	33.29	38.70	41.71	44.88	40.50	35.46	28.73	26.82	23.93				
		0.89	0.89	0.85	0.80	0.83	0.72	1.00	0.89	0.87	0.56	0.41	0.29	0.32	0.45	0.60	0.84	1.09	1.53	1.73	1.52	1.45	1.22	1.07	0.88				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.50	1.33	0.02	1.27	3.01	0.90	0.19				
ALBANY_2_SOLAR	323834	23.03	21.61	20.59	19.45	20.52	21.95	31.20	33.91	32.91	28.44	26.17	26.36	27.20	28.66	30.38	33.29	38.70	41.72	44.88	40.50	35.42	28.73	26.82	23.93				
		0.89	0.89	0.83	0.78	0.83	0.72	0.97	0.89	0.87	0.56	0.41	0.29	0.32	0.45	0.60	0.84	1.09	1.53	1.73	1.52	1.41	1.22	1.07	0.88				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.50	1.33	0.02	1.26	3.00	0.90	0.19				
ALBANY___1	23571	22.67	21.32	20.37	19.27	20.27	21.66	30.69	33.35	32.43	28.16	25.97	26.20	27.20	28.55	30.23	33.03	38.25	41.05	44.15	39.84	34.81	28.14	26.36	23.53				
		0.53	0.60	0.61	0.60	0.57	0.42	0.45	0.33	0.38	0.28	0.21	0.13	0.32	0.34	0.45	0.58	0.64	0.90	1.02	0.86	0.81	0.67	0.61	0.49				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.53	1.34	0.02	1.28	3.04	0.91	0.20				

ALBANY___2 23572	22.67 0.53 0.00	21.32 0.60 0.00	20.37 0.61 0.00	19.27 0.60 0.00	20.27 0.57 0.00	21.66 0.42 0.00	30.69 0.45 0.00	33.35 0.33 0.00	32.43 0.38 0.00	28.16 0.28 0.00	25.97 0.21 0.00	26.20 0.13 0.00	27.20 0.32 0.00	28.55 0.34 0.00	30.23 0.45 0.00	33.03 0.58 0.00	38.25 0.64 0.00	41.05 0.90 2.53	44.15 1.02 1.34	39.84 0.86 0.02	34.81 0.81 1.28	28.14 0.67 3.04	26.36 0.61 0.91	23.53 0.49 0.20
ALBANY___3 23573	22.67 0.53 0.00	21.32 0.60 0.00	20.37 0.61 0.00	19.27 0.60 0.00	20.27 0.57 0.00	21.66 0.42 0.00	30.69 0.45 0.00	33.35 0.33 0.00	32.43 0.38 0.00	28.16 0.28 0.00	25.97 0.21 0.00	26.20 0.13 0.00	27.20 0.32 0.00	28.55 0.34 0.00	30.23 0.45 0.00	33.03 0.58 0.00	38.25 0.64 0.00	41.05 0.90 2.53	44.15 1.02 1.34	39.84 0.86 0.02	34.81 0.81 1.28	28.14 0.67 3.04	26.36 0.61 0.91	23.53 0.49 0.20
ALBANY___4 23574	22.67 0.53 0.00	21.32 0.60 0.00	20.37 0.61 0.00	19.27 0.60 0.00	20.27 0.57 0.00	21.66 0.42 0.00	30.69 0.45 0.00	33.35 0.33 0.00	32.43 0.38 0.00	28.16 0.28 0.00	25.97 0.21 0.00	26.20 0.13 0.00	27.20 0.32 0.00	28.55 0.34 0.00	30.23 0.45 0.00	33.03 0.58 0.00	38.25 0.64 0.00	41.05 0.90 2.53	44.15 1.02 1.34	39.84 0.86 0.02	34.81 0.81 1.28	28.14 0.67 3.04	26.36 0.61 0.91	23.53 0.49 0.20
ALBANY___LFGE 323615	22.87 0.73 0.00	21.51 0.79 0.00	20.51 0.75 0.00	19.38 0.71 0.00	20.43 0.73 0.00	21.82 0.59 0.00	30.99 0.76 0.00	33.68 0.66 0.00	32.78 0.74 0.00	28.44 0.56 0.00	26.23 0.46 0.00	26.46 0.39 0.00	27.34 0.46 0.00	28.83 0.62 0.00	30.49 0.71 0.00	33.36 0.91 0.00	38.62 1.02 0.00	44.64 1.32 -0.64	46.28 1.47 -0.34	40.25 1.25 0.00	36.76 1.16 -0.32	32.25 0.98 -0.77	27.76 0.88 -0.23	23.98 0.70 -0.05
ALCOA_PA_115KV_PL-6C 55860	11.00 -0.13 11.01	13.42 -0.12 7.18	12.51 -0.12 7.13	13.50 -0.13 5.04	17.92 -0.12 1.66	19.37 -0.11 1.76	30.21 -0.03 0.00	32.92 -0.10 0.00	31.92 -0.13 0.00	27.86 -0.03 0.00	25.69 -0.08 0.00	26.04 -0.03 0.00	26.80 -0.08 0.00	28.07 -0.14 0.00	29.69 -0.09 0.00	32.35 -0.10 0.00	37.64 0.04 0.00	42.64 -0.04 0.00	44.30 -0.18 0.00	38.85 -0.16 0.00	34.66 -0.14 0.47	28.52 -0.12 1.87	24.40 -0.16 2.09	21.24 -0.12 1.88
ALCOA_RYNLDS___DRP 24188	11.00 -0.13 11.01	13.42 -0.12 7.18	12.51 -0.12 7.13	13.50 -0.13 5.04	17.92 -0.12 1.66	19.37 -0.11 1.76	30.21 -0.03 0.00	32.92 -0.10 0.00	31.92 -0.13 0.00	27.86 -0.03 0.00	25.69 -0.08 0.00	26.04 -0.03 0.00	26.80 -0.08 0.00	28.07 -0.14 0.00	29.69 -0.09 0.00	32.35 -0.10 0.00	37.64 0.04 0.00	42.64 -0.04 0.00	44.30 -0.18 0.00	38.85 -0.16 0.00	34.66 -0.14 0.47	28.52 -0.12 1.87	24.40 -0.16 2.09	21.24 -0.12 1.88
ALCOA___DSASP 323711	11.00 -0.13 11.01	13.42 -0.12 7.18	12.51 -0.12 7.13	13.50 -0.13 5.04	17.92 -0.12 1.66	19.37 -0.11 1.76	30.21 -0.03 0.00	32.92 -0.10 0.00	31.92 -0.13 0.00	27.86 -0.03 0.00	25.69 -0.08 0.00	26.04 -0.03 0.00	26.80 -0.08 0.00	28.07 -0.14 0.00	29.69 -0.09 0.00	32.35 -0.10 0.00	37.64 0.04 0.00	42.64 -0.04 0.00	44.34 -0.13 0.00	38.85 -0.16 0.00	34.66 -0.14 0.47	28.52 -0.12 1.87	24.40 -0.16 2.09	21.24 -0.12 1.88
ALLEGHENY___COGEN 23514	21.36 -0.78 0.00	20.10 -0.62 0.00	19.03 -0.73 0.00	17.96 -0.71 0.00	19.09 -0.61 0.00	20.83 -0.40 0.00	30.33 0.09 0.00	33.32 0.30 0.00	31.40 -0.64 0.00	27.16 -0.73 0.00	25.25 -0.52 0.00	25.55 -0.52 0.00	26.64 -0.24 0.00	27.45 -0.76 0.00	28.62 -1.16 0.00	31.12 -1.33 0.00	36.25 -1.35 0.00	41.37 -1.28 0.03	43.38 -1.07 0.03	38.34 -0.66 0.00	33.77 -0.81 0.69	29.96 -0.55 0.00	25.96 -0.69 0.00	22.75 -0.49 0.00
ALTAMONT_115KV_TB 2 55880	22.80 0.66 0.00	21.37 0.64 0.00	20.39 0.63 0.00	19.27 0.60 0.00	20.31 0.61 0.00	21.80 0.57 0.00	30.93 0.70 0.00	33.78 0.76 0.00	32.88 0.83 0.00	28.55 0.67 0.00	26.33 0.57 0.00	26.59 0.52 0.00	27.47 0.59 0.00	28.86 0.65 0.00	30.50 0.71 0.00	33.33 0.88 0.00	38.58 0.98 0.00	42.57 1.24 1.35	45.14 1.38 0.71	40.16 1.17 0.01	35.72 1.13 0.68	29.81 0.92 1.62	27.02 0.85 0.48	23.81 0.67 0.10
ALTONA_WT_PWR 323606	-6.97 -0.78 28.33	-6.99 -0.75 26.96	-6.99 -0.71 26.03	-7.02 -0.69 24.99	-7.03 -0.73 26.00	-7.01 -0.72 27.52	29.45 -0.79 0.00	32.19 -0.82 0.00	31.28 -0.77 0.00	27.41 -0.47 0.00	25.30 -0.46 0.00	25.71 -0.37 0.00	26.42 -0.46 0.00	27.65 -0.56 0.00	29.21 -0.57 0.00	31.90 -0.55 0.00	37.27 -0.34 0.00	42.21 -0.47 0.00	43.63 -0.85 0.00	38.03 -0.97 0.00	33.89 -0.95 0.44	0.21 -0.95 29.36	-7.01 -0.93 32.73	-7.01 -0.79 29.46
AMERICAN_REF_FUEL 24010	19.73 -2.41 0.00	18.67 -2.05 0.00	17.66 -2.09 0.00	16.75 -1.92 0.00	17.73 -1.97 0.00	19.21 -2.02 0.00	27.76 -2.48 0.00	30.18 -2.84 0.00	28.71 -3.33 0.00	25.12 -2.76 0.00	23.91 -1.86 0.00	24.32 -1.75 0.00	25.62 -1.26 0.00	26.10 -2.12 0.00	26.86 -2.92 0.00	28.98 -3.47 0.00	33.21 -4.40 0.00	37.33 -5.34 0.02	38.85 -5.60 0.02	34.16 -4.84 0.00	30.32 -4.45 0.51	27.03 -3.48 0.00	23.82 -2.83 0.00	21.19 -2.04 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.10 -2.04 0.00	18.98 -1.74 0.00	17.94 -1.82 0.00	17.01 -1.66 0.00	18.02 -1.67 0.00	19.64 -1.59 0.00	28.42 -1.81 0.00	31.17 -1.85 0.00	29.61 -2.44 0.00	25.82 -2.06 0.00	24.50 -1.26 0.00	24.95 -1.12 0.00	26.18 -0.70 0.00	26.91 -1.30 0.00	27.70 -2.09 0.00	29.79 -2.66 0.00	34.15 -3.46 0.00	38.39 -4.27 0.02	39.87 -4.58 0.02	35.06 -3.94 0.00	31.33 -3.49 0.45	27.55 -2.96 0.00	24.22 -2.42 0.00	21.47 -1.77 0.00
ARTHUR KILL_GT_1 23520	23.96 1.82 -0.01	22.28 1.56 0.00	21.26 1.50 -0.01	20.08 1.40 -0.01	21.12 1.42 0.00	22.70 1.46 0.00	32.05 1.81 0.00	35.20 2.18 0.00	34.42 2.37 0.00	29.95 2.06 0.00	27.75 1.98 0.00	28.13 2.06 0.00	28.90 2.02 0.00	30.55 2.34 0.00	32.34 2.56 0.00	35.25 2.79 -0.01	40.19 2.59 0.01	45.88 3.20 0.01	47.84 3.38 0.01	41.84 2.85 0.01	38.24 2.96 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.22 1.97 -0.01
ARTHUR_KILL_2 23512	23.90 1.75 -0.01	22.24 1.51 0.00	21.23 1.46 -0.01	20.04 1.36 -0.01	21.06 1.36 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.10 2.08 0.00	34.32 2.28 0.00	29.86 1.98 0.00	27.67 1.91 0.00	28.05 1.98 0.00	28.82 1.94 0.00	30.47 2.26 0.00	32.25 2.47 0.00	35.15 2.69 -0.01	40.08 2.48 0.01	45.70 3.03 0.01	47.67 3.20 0.01	41.68 2.69 0.01	38.10 2.82 0.00	32.93 2.41 -0.01	29.00 2.35 -0.01	25.15 1.91 -0.01
ARTHUR_KILL_3 23513	23.54 1.40 0.00	21.86 1.14 0.00	20.88 1.13 0.00	19.71 1.04 0.00	20.74 1.04 0.00	22.40 1.17 0.00	31.66 1.42 0.00	34.83 1.81 0.00	34.16 2.11 0.00	29.75 1.87 0.00	27.54 1.78 0.00	27.92 1.85 0.00	28.71 1.83 0.00	30.30 2.09 0.00	32.02 2.23 0.00	34.89 2.44 0.00	40.05 2.44 0.00	45.62 2.94 0.00	47.59 3.11 0.00	41.69 2.69 0.00	37.85 2.57 0.00	32.62 2.10 0.00	28.70 2.05 0.00	24.79 1.56 0.00

ARTHUR_KILL_COGEN 323718	23.96 1.82 -0.01	22.28 1.56 0.00	21.26 1.50 -0.01	20.08 1.40 -0.01	21.12 1.42 0.00	22.70 1.46 0.00	32.05 1.81 0.00	35.20 2.18 0.00	34.42 2.37 0.00	29.95 2.06 0.00	27.75 1.98 0.00	28.13 2.06 0.00	28.90 2.02 0.00	30.55 2.34 0.00	32.34 2.56 0.00	35.25 2.79 -0.01	40.19 2.59 0.01	45.88 3.20 0.01	47.84 3.38 0.01	41.84 2.85 0.01	38.24 2.96 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.22 1.97 -0.01
ASHOKAN____ 23654	23.14 1.00 0.00	21.61 0.89 0.00	20.61 0.85 0.00	19.45 0.78 0.00	20.58 0.89 0.00	21.95 0.72 0.00	31.23 1.00 0.00	33.91 0.89 0.00	32.98 0.93 0.00	28.41 0.53 0.00	26.07 0.31 0.00	26.30 0.23 0.00	27.18 0.30 0.00	28.55 0.34 0.00	30.38 0.60 0.00	33.39 0.94 0.00	38.89 1.28 0.00	43.71 2.77 1.74	46.75 3.20 0.92	41.72 2.73 0.01	37.04 2.65 0.88	30.62 2.20 2.09	27.84 1.81 0.62	24.54 1.44 0.13
ASTORIA_EAST_ENERGY_CC1 323581	23.83 1.68 -0.01	22.13 1.41 0.00	21.13 1.36 -0.01	19.95 1.27 -0.01	20.98 1.28 0.00	22.59 1.36 0.00	31.63 1.39 0.00	34.76 1.75 0.01	34.12 2.08 0.01	29.74 1.87 0.01	27.56 1.80 0.01	27.91 1.85 0.01	28.70 1.83 0.01	30.29 2.09 0.01	32.03 2.26 0.01	34.91 2.47 0.01	40.01 2.41 0.01	45.62 2.94 0.01	47.53 3.07 0.01	41.65 2.65 0.01	37.91 2.65 0.01	32.68 2.17 0.00	28.89 2.24 0.00	25.10 1.86 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	23.83 1.68 -0.01	22.13 1.41 0.00	21.13 1.36 -0.01	19.95 1.27 -0.01	20.96 1.26 0.00	22.59 1.36 0.00	31.63 1.39 0.00	34.76 1.75 0.01	34.12 2.08 0.01	29.74 1.87 0.01	27.56 1.80 0.01	27.91 1.85 0.01	28.70 1.83 0.01	30.29 2.09 0.01	32.03 2.26 0.01	34.91 2.47 0.01	40.01 2.41 0.01	45.62 2.94 0.01	47.53 3.07 0.01	41.65 2.65 0.01	37.91 2.65 0.01	32.68 2.17 0.00	28.89 2.24 0.00	25.10 1.86 -0.01
ASTORIA_GT2_1 24094	23.83 1.68 -0.01	22.15 1.43 0.00	21.15 1.38 -0.01	19.96 1.29 -0.01	20.98 1.28 0.00	22.63 1.40 0.00	31.66 1.42 0.00	34.77 1.75 0.00	34.13 2.08 0.00	29.75 1.87 0.00	27.59 1.83 0.00	27.95 1.88 0.00	29.00 2.12 0.00	30.33 2.12 0.00	32.07 2.29 0.00	34.95 2.50 0.00	40.05 2.44 0.00	45.63 2.95 0.00	47.59 3.11 0.00	41.65 2.65 0.00	37.95 2.68 0.00	32.68 2.17 0.00	28.91 2.27 0.00	25.10 1.86 -0.01
ASTORIA_GT2_2 24095	23.83 1.68 -0.01	22.15 1.43 0.00	21.15 1.38 -0.01	19.96 1.29 -0.01	20.98 1.28 0.00	22.63 1.40 0.00	31.66 1.42 0.00	34.77 1.75 0.00	34.13 2.08 0.00	29.75 1.87 0.00	27.59 1.83 0.00	27.95 1.88 0.00	29.00 2.12 0.00	30.33 2.12 0.00	32.07 2.29 0.00	34.95 2.50 0.00	40.05 2.44 0.00	45.63 2.95 0.00	47.59 3.11 0.00	41.65 2.65 0.00	37.95 2.68 0.00	32.68 2.17 0.00	28.91 2.27 0.00	25.10 1.86 -0.01
ASTORIA_GT2_3 24096	23.83 1.68 -0.01	22.15 1.43 0.00	21.15 1.38 -0.01	19.96 1.29 -0.01	20.98 1.28 0.00	22.63 1.40 0.00	31.66 1.42 0.00	34.77 1.75 0.00	34.13 2.08 0.00	29.75 1.87 0.00	27.59 1.83 0.00	27.95 1.88 0.00	29.00 2.12 0.00	30.33 2.12 0.00	32.07 2.29 0.00	34.95 2.50 0.00	40.05 2.44 0.00	45.63 2.95 0.00	47.59 3.11 0.00	41.65 2.65 0.00	37.95 2.68 0.00	32.68 2.17 0.00	28.91 2.27 0.00	25.10 1.86 -0.01
ASTORIA_GT2_4 24097	23.83 1.68 -0.01	22.15 1.43 0.00	21.15 1.38 -0.01	19.96 1.29 -0.01	20.98 1.28 0.00	22.63 1.40 0.00	31.66 1.42 0.00	34.77 1.75 0.00	34.13 2.08 0.00	29.75 1.87 0.00	27.59 1.83 0.00	27.95 1.88 0.00	29.00 2.12 0.00	30.33 2.12 0.00	32.07 2.29 0.00	34.95 2.50 0.00	40.05 2.44 0.00	45.63 2.95 0.00	47.59 3.11 0.00	41.65 2.65 0.00	37.95 2.68 0.00	32.68 2.17 0.00	28.91 2.27 0.00	25.10 1.86 -0.01
ASTORIA_GT3_1 24098	23.83 1.68 -0.01	22.15 1.43 0.00	21.15 1.38 -0.01	19.96 1.29 -0.01	20.98 1.28 0.00	22.63 1.40 0.00	31.66 1.42 0.00	34.77 1.75 0.00	34.13 2.08 0.00	29.75 1.87 0.00	27.59 1.83 0.00	27.95 1.88 0.00	29.00 2.12 0.00	30.33 2.12 0.00	32.07 2.29 0.00	34.95 2.50 0.00	40.05 2.44 0.00	45.63 2.95 0.00	47.59 3.11 0.00	41.65 2.65 0.00	37.95 2.68 0.00	32.68 2.17 0.00	28.91 2.27 0.00	25.10 1.86 -0.01
ASTORIA_GT3_2 24099	23.83 1.68 -0.01	22.15 1.43 0.00	21.15 1.38 -0.01	19.96 1.29 -0.01	20.98 1.28 0.00	22.63 1.40 0.00	31.66 1.42 0.00	34.77 1.75 0.00	34.13 2.08 0.00	29.75 1.87 0.00	27.59 1.83 0.00	27.95 1.88 0.00	29.00 2.12 0.00	30.33 2.12 0.00	32.07 2.29 0.00	34.95 2.50 0.00	40.05 2.44 0.00	45.63 2.95 0.00	47.59 3.11 0.00	41.65 2.65 0.00	37.95 2.68 0.00	32.68 2.17 0.00	28.91 2.27 0.00	25.10 1.86 -0.01
ASTORIA_GT3_3 24100	23.83 1.68 -0.01	22.15 1.43 0.00	21.15 1.38 -0.01	19.96 1.29 -0.01	20.98 1.28 0.00	22.63 1.40 0.00	31.66 1.42 0.00	34.77 1.75 0.00	34.13 2.08 0.00	29.75 1.87 0.00	27.59 1.83 0.00	27.95 1.88 0.00	29.00 2.12 0.00	30.33 2.12 0.00	32.07 2.29 0.00	34.95 2.50 0.00	40.05 2.44 0.00	45.63 2.95 0.00	47.59 3.11 0.00	41.65 2.65 0.00	37.95 2.68 0.00	32.68 2.17 0.00	28.91 2.27 0.00	25.10 1.86 -0.01
ASTORIA_GT3_4 24101	23.83 1.68 -0.01	22.15 1.43 0.00	21.15 1.38 -0.01	19.96 1.29 -0.01	20.98 1.28 0.00	22.63 1.40 0.00	31.66 1.42 0.00	34.77 1.75 0.00	34.13 2.08 0.00	29.75 1.87 0.00	27.59 1.83 0.00	27.95 1.88 0.00	29.00 2.12 0.00	30.33 2.12 0.00	32.07 2.29 0.00	34.95 2.50 0.00	40.05 2.44 0.00	45.63 2.95 0.00	47.59 3.11 0.00	41.65 2.65 0.00	37.95 2.68 0.00	32.68 2.17 0.00	28.91 2.27 0.00	25.10 1.86 -0.01
ASTORIA_GT4_1 24102	23.83 1.68 -0.01	22.15 1.43 0.00	21.15 1.38 -0.01	19.96 1.29 -0.01	20.98 1.28 0.00	22.63 1.40 0.00	31.66 1.42 0.00	34.77 1.75 0.00	34.13 2.08 0.00	29.75 1.87 0.00	27.59 1.83 0.00	27.95 1.88 0.00	29.00 2.12 0.00	30.33 2.12 0.00	32.07 2.29 0.00	34.95 2.50 0.00	40.05 2.44 0.00	45.63 2.95 0.00	47.59 3.11 0.00	41.65 2.65 0.00	37.95 2.68 0.00	32.68 2.17 0.00	28.91 2.27 0.00	25.10 1.86 -0.01
ASTORIA_GT4_2 24103	23.83 1.68 -0.01	22.15 1.43 0.00	21.15 1.38 -0.01	19.96 1.29 -0.01	20.98 1.28 0.00	22.63 1.40 0.00	31.66 1.42 0.00	34.77 1.75 0.00	34.13 2.08 0.00	29.75 1.87 0.00	27.59 1.83 0.00	27.95 1.88 0.00	29.00 2.12 0.00	30.33 2.12 0.00	32.07 2.29 0.00	34.95 2.50 0.00	40.05 2.44 0.00	45.63 2.95 0.00	47.59 3.11 0.00	41.65 2.65 0.00	37.95 2.68 0.00	32.68 2.17 0.00	28.91 2.27 0.00	25.10 1.86 -0.01
ASTORIA_GT4_3 24104	23.83 1.68 -0.01	22.15 1.43 0.00	21.15 1.38 -0.01	19.96 1.29 -0.01	20.98 1.28 0.00	22.63 1.40 0.00	31.66 1.42 0.00	34.77 1.75 0.00	34.13 2.08 0.00	29.75 1.87 0.00	27.59 1.83 0.00	27.95 1.88 0.00	29.00 2.12 0.00	30.33 2.12 0.00	32.07 2.29 0.00	34.95 2.50 0.00	40.05 2.44 0.00	45.63 2.95 0.00	47.59 3.11 0.00	41.65 2.65 0.00	37.95 2.68 0.00	32.68 2.17 0.00	28.91 2.27 0.00	25.10 1.86 -0.01

ASTORIA_GT4_4 24105	23.83 1.68 -0.01	22.15 1.43 0.00	21.15 1.38 -0.01	19.96 1.29 -0.01	20.98 1.28 0.00	22.63 1.40 0.00	31.66 1.42 0.00	34.77 1.75 0.00	34.13 2.08 0.00	29.75 1.87 0.00	27.59 1.83 0.00	27.95 1.88 0.00	29.00 2.12 0.00	30.33 2.12 0.00	32.07 2.29 0.00	34.95 2.50 0.00	40.05 2.44 0.00	45.63 2.95 0.00	47.59 3.11 0.00	41.65 2.65 0.00	37.95 2.68 0.00	32.68 2.17 0.00	28.91 2.27 0.00	25.10 1.86 -0.01
ASTORIA_GT_1 23523	23.88 1.73 -0.01	22.17 1.45 0.00	21.17 1.40 -0.01	19.98 1.31 -0.01	21.00 1.30 0.00	22.63 1.40 0.00	31.69 1.45 0.00	34.83 1.81 0.01	34.18 2.15 0.01	29.80 1.92 0.01	27.61 1.86 0.01	27.99 1.93 0.01	28.75 1.88 0.01	30.38 2.17 0.01	32.10 2.32 0.01	35.01 2.56 0.01	40.12 2.52 0.01	45.75 3.07 0.01	47.67 3.20 0.01	41.76 2.77 0.01	37.98 2.72 0.01	32.74 2.23 0.00	28.97 2.32 0.00	25.15 1.91 -0.01
ASTORIA_GT_10 24110	23.76 1.62 -0.01	22.07 1.35 0.00	21.07 1.30 -0.01	19.91 1.23 -0.01	20.92 1.22 0.00	22.57 1.34 0.00	31.78 1.54 0.00	34.97 1.95 0.00	34.29 2.24 0.00	29.89 2.01 0.00	27.70 1.93 0.00	28.08 2.01 0.00	29.11 2.23 0.00	30.44 2.23 0.00	32.19 2.41 0.00	35.08 2.63 0.00	40.20 2.59 0.00	45.84 3.16 0.00	47.81 3.34 0.00	41.85 2.85 0.00	38.10 2.82 0.00	32.80 2.29 0.00	28.91 2.27 0.00	25.03 1.79 -0.01
ASTORIA_GT_11 24225	23.76 1.62 -0.01	22.07 1.35 0.00	21.07 1.30 -0.01	19.91 1.23 -0.01	20.92 1.22 0.00	22.57 1.34 0.00	31.78 1.54 0.00	34.97 1.95 0.00	34.29 2.24 0.00	29.89 2.01 0.00	27.70 1.93 0.00	28.08 2.01 0.00	29.11 2.23 0.00	30.44 2.23 0.00	32.19 2.41 0.00	35.08 2.63 0.00	40.20 2.59 0.00	45.84 3.16 0.00	47.81 3.34 0.00	41.85 2.85 0.00	38.10 2.82 0.00	32.80 2.29 0.00	28.91 2.27 0.00	25.03 1.79 -0.01
ASTORIA_GT_12 24226	23.76 1.62 -0.01	22.07 1.35 0.00	21.07 1.30 -0.01	19.91 1.23 -0.01	20.92 1.22 0.00	22.57 1.34 0.00	31.78 1.54 0.00	34.97 1.95 0.00	34.29 2.24 0.00	29.89 2.01 0.00	27.70 1.93 0.00	28.08 2.01 0.00	29.11 2.23 0.00	30.44 2.23 0.00	32.19 2.41 0.00	35.08 2.63 0.00	40.20 2.59 0.00	45.84 3.16 0.00	47.81 3.34 0.00	41.85 2.85 0.00	38.10 2.82 0.00	32.80 2.29 0.00	28.91 2.27 0.00	25.03 1.79 -0.01
ASTORIA_GT_13 24227	23.76 1.62 -0.01	22.07 1.35 0.00	21.07 1.30 -0.01	19.91 1.23 -0.01	20.92 1.22 0.00	22.57 1.34 0.00	31.78 1.54 0.00	34.97 1.95 0.00	34.29 2.24 0.00	29.89 2.01 0.00	27.70 1.93 0.00	28.08 2.01 0.00	29.11 2.23 0.00	30.44 2.23 0.00	32.19 2.41 0.00	35.08 2.63 0.00	40.20 2.59 0.00	45.84 3.16 0.00	47.81 3.34 0.00	41.85 2.85 0.00	38.10 2.82 0.00	32.80 2.29 0.00	28.91 2.27 0.00	25.03 1.79 -0.01
ASTORIA_GT_5 24106	23.87 1.73 -0.01	22.17 1.45 0.00	21.17 1.40 -0.01	20.00 1.33 -0.01	21.00 1.30 0.00	22.65 1.42 0.00	31.69 1.45 0.00	34.84 1.82 0.00	34.19 2.15 0.00	29.81 1.92 0.00	27.64 1.88 0.00	28.00 1.93 0.00	29.06 2.18 0.00	30.38 2.17 0.00	32.13 2.35 0.00	35.01 2.56 0.00	40.13 2.52 0.00	45.71 3.03 0.00	47.68 3.20 0.00	41.77 2.77 0.00	38.03 2.75 0.00	32.74 2.23 0.00	28.97 2.32 0.00	25.15 1.91 -0.01
ASTORIA_GT_7 24107	23.87 1.73 -0.01	22.17 1.45 0.00	21.17 1.40 -0.01	20.00 1.33 -0.01	21.00 1.30 0.00	22.65 1.42 0.00	31.69 1.45 0.00	34.84 1.82 0.00	34.19 2.15 0.00	29.81 1.92 0.00	27.64 1.88 0.00	28.00 1.93 0.00	29.06 2.18 0.00	30.38 2.17 0.00	32.13 2.35 0.00	35.01 2.56 0.00	40.13 2.52 0.00	45.71 3.03 0.00	47.68 3.20 0.00	41.77 2.77 0.00	38.03 2.75 0.00	32.74 2.23 0.00	28.97 2.32 0.00	25.15 1.91 -0.01
ASTORIA_GT_8 24108	23.87 1.73 -0.01	22.17 1.45 0.00	21.17 1.40 -0.01	20.00 1.33 -0.01	21.00 1.30 0.00	22.65 1.42 0.00	31.69 1.45 0.00	34.84 1.82 0.00	34.19 2.15 0.00	29.81 1.92 0.00	27.64 1.88 0.00	28.00 1.93 0.00	29.06 2.18 0.00	30.38 2.17 0.00	32.13 2.35 0.00	35.01 2.56 0.00	40.13 2.52 0.00	45.71 3.03 0.00	47.68 3.20 0.00	41.77 2.77 0.00	38.03 2.75 0.00	32.74 2.23 0.00	28.97 2.32 0.00	25.15 1.91 -0.01
ASTORIA___2 24149	23.83 1.68 -0.01	22.15 1.43 0.00	21.15 1.38 -0.01	19.96 1.29 -0.01	20.98 1.28 0.00	22.59 1.36 0.00	31.66 1.42 0.00	34.76 1.75 0.01	34.12 2.08 0.01	29.74 1.87 0.01	27.56 1.80 0.01	27.94 1.88 0.01	28.70 1.83 0.01	30.32 2.12 0.01	32.03 2.26 0.01	34.94 2.50 0.01	40.04 2.44 0.01	45.62 2.94 0.01	47.53 3.07 0.01	41.65 2.65 0.01	37.91 2.65 0.01	32.68 2.17 0.00	28.91 2.26 0.00	25.10 1.86 -0.01
ASTORIA___3 23516	23.76 1.62 -0.01	22.07 1.35 0.00	21.07 1.30 -0.01	19.89 1.21 -0.01	20.92 1.22 0.00	22.55 1.32 0.00	31.78 1.54 0.00	34.97 1.95 0.00	34.29 2.24 0.00	29.89 2.01 0.00	27.70 1.93 0.00	28.05 1.98 0.00	28.84 1.96 0.00	30.44 2.23 0.00	32.19 2.41 0.00	35.08 2.63 0.00	40.20 2.59 0.00	45.84 3.16 0.00	47.76 3.29 0.00	41.85 2.85 0.00	38.06 2.79 0.00	32.80 2.29 0.00	28.91 2.26 0.00	25.03 1.79 -0.01
ASTORIA___4 23517	23.76 1.62 -0.01	22.07 1.35 0.00	21.07 1.30 -0.01	19.91 1.23 -0.01	20.92 1.22 0.00	22.57 1.34 0.00	31.78 1.54 0.00	34.97 1.95 0.00	34.29 2.24 0.00	29.89 2.01 0.00	27.70 1.93 0.00	28.08 2.01 0.00	29.11 2.23 0.00	30.44 2.23 0.00	32.19 2.41 0.00	35.08 2.63 0.00	40.20 2.59 0.00	45.84 3.16 0.00	47.81 3.34 0.00	41.85 2.85 0.00	38.10 2.82 0.00	32.80 2.29 0.00	28.91 2.27 0.00	25.03 1.79 -0.01
ASTORIA___5 23518	23.76 1.62 -0.01	22.07 1.35 0.00	21.07 1.30 -0.01	19.89 1.21 -0.01	20.92 1.22 0.00	22.55 1.32 0.00	31.78 1.54 0.00	34.97 1.95 0.00	34.29 2.24 0.00	29.89 2.01 0.00	27.70 1.93 0.00	28.05 1.98 0.00	28.84 1.96 0.00	30.44 2.23 0.00	32.19 2.41 0.00	35.08 2.63 0.00	40.20 2.59 0.00	45.84 3.16 0.00	47.76 3.29 0.00	41.85 2.85 0.00	38.06 2.79 0.00	32.80 2.29 0.00	28.91 2.26 0.00	25.03 1.79 -0.01
AST_ENERGY_2_CC3 323677	23.62 1.48 0.00	21.95 1.22 0.00	20.96 1.21 0.00	19.77 1.10 0.00	20.82 1.12 0.00	22.46 1.23 0.00	31.75 1.51 0.00	34.93 1.91 0.00	34.25 2.21 0.00	29.81 1.92 0.00	27.62 1.86 0.00	27.97 1.90 0.00	28.76 1.88 0.00	30.35 2.14 0.00	32.07 2.29 0.00	34.95 2.50 0.00	40.16 2.56 0.00	45.80 3.11 0.00	47.76 3.29 0.00	41.81 2.81 0.00	37.95 2.68 0.00	32.71 2.20 0.00	28.78 2.13 0.00	24.89 1.65 0.00
AST_ENERGY_2_CC4 323678	23.62 1.48 0.00	21.95 1.22 0.00	20.96 1.21 0.00	19.77 1.10 0.00	20.82 1.12 0.00	22.46 1.23 0.00	31.75 1.51 0.00	34.93 1.91 0.00	34.25 2.21 0.00	29.81 1.92 0.00	27.62 1.86 0.00	27.97 1.90 0.00	28.76 1.88 0.00	30.35 2.14 0.00	32.07 2.29 0.00	34.95 2.50 0.00	40.16 2.56 0.00	45.80 3.11 0.00	47.76 3.29 0.00	41.81 2.81 0.00	37.95 2.68 0.00	32.71 2.20 0.00	28.78 2.13 0.00	24.89 1.65 0.00

ATHENS_STG_1 23668	22.89 0.75 0.00	21.37 0.64 0.00	20.43 0.67 0.00	19.28 0.62 0.00	20.33 0.63 0.00	21.85 0.62 0.00	30.96 0.72 0.00	33.91 0.89 0.00	33.07 1.03 0.00	28.75 0.87 0.00	26.56 0.80 0.00	26.85 0.78 0.00	27.63 0.75 0.00	29.11 0.90 0.00	30.79 1.01 0.00	33.55 1.10 0.00	38.81 1.20 0.00	44.13 1.45 0.00	46.03 1.56 0.00	40.37 1.36 0.00	36.54 1.27 0.00	31.58 1.07 0.00	27.66 1.01 0.00	24.03 0.79 0.00
ATHENS_STG_2 23670	22.89 0.75 0.00	21.37 0.64 0.00	20.43 0.67 0.00	19.28 0.62 0.00	20.33 0.63 0.00	21.85 0.62 0.00	30.96 0.72 0.00	33.91 0.89 0.00	33.07 1.03 0.00	28.75 0.87 0.00	26.56 0.80 0.00	26.85 0.78 0.00	27.63 0.75 0.00	29.11 0.90 0.00	30.79 1.01 0.00	33.55 1.10 0.00	38.81 1.20 0.00	44.13 1.45 0.00	46.03 1.56 0.00	40.37 1.36 0.00	36.54 1.27 0.00	31.58 1.07 0.00	27.66 1.01 0.00	24.03 0.79 0.00
ATHENS_STG_3 23677	22.89 0.75 0.00	21.37 0.64 0.00	20.43 0.67 0.00	19.28 0.62 0.00	20.33 0.63 0.00	21.85 0.62 0.00	30.96 0.72 0.00	33.91 0.89 0.00	33.07 1.03 0.00	28.75 0.87 0.00	26.56 0.80 0.00	26.85 0.78 0.00	27.63 0.75 0.00	29.11 0.90 0.00	30.79 1.01 0.00	33.55 1.10 0.00	38.81 1.20 0.00	44.13 1.45 0.00	46.03 1.56 0.00	40.37 1.36 0.00	36.54 1.27 0.00	31.58 1.07 0.00	27.66 1.01 0.00	24.03 0.79 0.00
AUBURN___LFGE 323710	21.74 -0.40 0.00	20.39 -0.33 0.00	19.38 -0.38 0.00	18.30 -0.37 0.00	19.34 -0.35 0.00	20.96 -0.28 0.00	29.99 -0.24 0.00	32.82 -0.20 0.00	31.60 -0.45 0.00	27.49 -0.39 0.00	25.43 -0.33 0.00	25.76 -0.31 0.00	26.53 -0.35 0.00	27.87 -0.34 0.00	29.36 -0.42 0.00	31.93 -0.52 0.00	37.00 -0.60 0.00	41.99 -0.68 0.01	43.76 -0.71 0.01	38.42 -0.59 0.00	34.52 -0.60 0.16	30.02 -0.49 0.00	26.20 -0.45 0.00	22.84 -0.40 0.00
BABYLON_RES_REC 323704	24.04 1.90 0.00	22.24 1.51 0.00	21.08 1.32 0.00	19.88 1.21 0.00	20.94 1.24 0.00	22.78 1.55 0.00	32.11 1.88 0.00	34.60 1.58 0.00	34.29 2.24 0.00	30.09 2.20 0.00	27.88 2.11 0.00	28.29 2.21 0.00	29.11 2.23 0.00	30.64 2.43 0.00	31.95 2.17 0.00	34.10 1.65 0.00	39.33 1.73 0.01	44.73 2.05 0.00	46.70 2.22 0.00	41.26 2.26 0.00	37.32 2.05 0.00	33.08 2.56 0.00	29.38 2.72 -0.01	25.50 2.25 -0.01
BABYLON__69_KV_BK2 356345	24.29 2.15 0.00	22.42 1.70 0.00	21.30 1.54 0.00	20.12 1.46 0.00	21.12 1.42 0.00	23.06 1.83 0.00	32.38 2.15 0.00	34.93 1.92 0.00	34.64 2.60 0.00	30.45 2.57 0.00	28.21 2.45 0.00	28.63 2.55 0.00	29.67 2.80 0.00	31.00 2.79 0.00	32.40 2.62 0.00	34.79 2.34 0.00	40.19 2.59 0.01	45.80 3.12 0.00	47.99 3.51 0.00	42.28 3.28 0.00	38.17 2.89 0.00	33.56 3.05 0.00	29.72 3.06 -0.01	25.78 2.53 -0.01
BALL_HILL_WT_PWR 323825	20.44 -1.70 0.00	19.31 -1.41 0.00	18.25 -1.50 0.00	17.31 -1.36 0.00	18.32 -1.38 0.00	19.91 -1.32 0.00	28.78 -1.45 0.00	31.50 -1.52 0.00	29.96 -2.08 0.00	26.16 -1.73 0.00	24.84 -0.93 0.00	25.26 -0.81 0.00	26.53 -0.35 0.00	27.22 -0.99 0.00	28.02 -1.76 0.00	30.21 -2.24 0.00	34.67 -2.93 0.00	39.03 -3.63 0.02	40.58 -3.87 0.02	35.73 -3.28 0.00	31.97 -2.89 0.41	28.07 -2.44 0.00	24.68 -1.97 0.00	21.89 -1.35 0.00
BARON_WINDS___WT_PWR 323822	20.99 -1.15 0.00	19.73 -0.99 0.00	18.69 -1.07 0.00	17.72 -0.95 0.00	18.73 -0.96 0.00	20.36 -0.87 0.00	29.33 -0.91 0.00	32.16 -0.86 0.00	30.76 -1.28 0.00	26.80 -1.09 0.00	25.12 -0.64 0.00	25.52 -0.55 0.00	26.64 -0.24 0.00	27.56 -0.65 0.00	28.65 -1.13 0.00	30.96 -1.49 0.00	35.73 -1.88 0.00	40.38 -2.26 0.04	42.04 -2.40 0.04	37.01 -1.99 0.00	32.61 -1.84 0.83	28.89 -1.62 0.00	25.26 -1.39 0.00	22.24 -1.00 0.00
BARRETT_IC_1 23704	23.78 1.64 0.00	22.01 1.29 0.00	20.90 1.15 0.00	19.71 1.04 0.00	20.76 1.06 0.00	22.53 1.30 0.00	31.81 1.57 0.00	34.37 1.35 0.00	34.07 2.02 0.00	29.86 1.98 0.00	27.67 1.91 0.00	28.11 2.03 0.00	28.90 2.02 0.00	30.44 2.23 0.00	31.75 1.97 0.00	34.23 1.78 0.00	39.29 1.69 0.01	44.73 2.05 0.00	46.70 2.22 0.00	41.03 2.03 0.00	37.21 1.94 0.00	32.77 2.26 0.00	29.06 2.40 -0.01	25.17 1.93 -0.01
BARRETT_IC_10 23701	23.78 1.64 0.00	22.01 1.29 0.00	20.90 1.15 0.00	19.71 1.04 0.00	20.76 1.06 0.00	22.53 1.30 0.00	31.81 1.57 0.00	34.37 1.35 0.00	34.07 2.02 0.00	29.86 1.98 0.00	27.67 1.91 0.00	28.11 2.03 0.00	28.90 2.02 0.00	30.44 2.23 0.00	31.75 1.97 0.00	34.23 1.78 0.00	39.29 1.69 0.01	44.73 2.05 0.00	46.70 2.22 0.00	41.03 2.03 0.00	37.21 1.94 0.00	32.77 2.26 0.00	29.06 2.40 -0.01	25.17 1.93 -0.01
BARRETT_IC_11 23702	23.78 1.64 0.00	22.01 1.29 0.00	20.90 1.15 0.00	19.71 1.04 0.00	20.76 1.06 0.00	22.53 1.30 0.00	31.81 1.57 0.00	34.37 1.35 0.00	34.07 2.02 0.00	29.86 1.98 0.00	27.67 1.91 0.00	28.11 2.03 0.00	28.90 2.02 0.00	30.44 2.23 0.00	31.75 1.97 0.00	34.23 1.78 0.00	39.29 1.69 0.01	44.73 2.05 0.00	46.70 2.22 0.00	41.03 2.03 0.00	37.21 1.94 0.00	32.77 2.26 0.00	29.06 2.40 -0.01	25.17 1.93 -0.01
BARRETT_IC_12 23703	23.78 1.64 0.00	22.01 1.29 0.00	20.90 1.15 0.00	19.71 1.04 0.00	20.76 1.06 0.00	22.53 1.30 0.00	31.81 1.57 0.00	34.37 1.35 0.00	34.07 2.02 0.00	29.86 1.98 0.00	27.67 1.91 0.00	28.11 2.03 0.00	28.90 2.02 0.00	30.44 2.23 0.00	31.75 1.97 0.00	34.23 1.78 0.00	39.29 1.69 0.01	44.73 2.05 0.00	46.70 2.22 0.00	41.03 2.03 0.00	37.21 1.94 0.00	32.77 2.26 0.00	29.06 2.40 -0.01	25.17 1.93 -0.01
BARRETT_IC_2 23705	23.78 1.64 0.00	22.01 1.29 0.00	20.90 1.15 0.00	19.71 1.04 0.00	20.76 1.06 0.00	22.53 1.30 0.00	31.81 1.57 0.00	34.37 1.35 0.00	34.07 2.02 0.00	29.86 1.98 0.00	27.67 1.91 0.00	28.11 2.03 0.00	28.90 2.02 0.00	30.44 2.23 0.00	31.75 1.97 0.00	34.23 1.78 0.00	39.29 1.69 0.01	44.73 2.05 0.00	46.70 2.22 0.00	41.03 2.03 0.00	37.21 1.94 0.00	32.77 2.26 0.00	29.06 2.40 -0.01	25.17 1.93 -0.01
BARRETT_IC_3 23706	23.78 1.64 0.00	22.01 1.29 0.00	20.90 1.15 0.00	19.71 1.04 0.00	20.76 1.06 0.00	22.53 1.30 0.00	31.81 1.57 0.00	34.37 1.35 0.00	34.07 2.02 0.00	29.86 1.98 0.00	27.67 1.91 0.00	28.11 2.03 0.00	28.90 2.02 0.00	30.44 2.23 0.00	31.75 1.97 0.00	34.23 1.78 0.00	39.29 1.69 0.01	44.73 2.05 0.00	46.70 2.22 0.00	41.03 2.03 0.00	37.21 1.94 0.00	32.77 2.26 0.00	29.06 2.40 -0.01	25.17 1.93 -0.01
BARRETT_IC_4 23707	23.78 1.64 0.00	22.01 1.29 0.00	20.90 1.15 0.00	19.71 1.04 0.00	20.76 1.06 0.00	22.53 1.30 0.00	31.81 1.57 0.00	34.37 1.35 0.00	34.07 2.02 0.00	29.86 1.98 0.00	27.67 1.91 0.00	28.11 2.03 0.00	28.90 2.02 0.00	30.44 2.23 0.00	31.75 1.97 0.00	34.23 1.78 0.00	39.29 1.69 0.01	44.73 2.05 0.00	46.70 2.22 0.00	41.03 2.03 0.00	37.21 1.94 0.00	32.77 2.26 0.00	29.06 2.40 -0.01	25.17 1.93 -0.01

BARRETT_IC_5 23708	23.78 1.64 0.00	22.01 1.29 0.00	20.90 1.15 0.00	19.71 1.04 0.00	20.76 1.06 0.00	22.53 1.30 0.00	31.81 1.57 0.00	34.37 1.35 0.00	34.07 2.02 0.00	29.86 1.98 0.00	27.67 1.91 0.00	28.11 2.03 0.00	28.90 2.02 0.00	30.44 2.23 0.00	31.75 1.97 0.00	34.23 1.78 0.00	39.29 1.69 0.01	44.73 2.05 0.00	46.70 2.22 0.00	41.03 2.03 0.00	37.21 1.94 0.00	32.77 2.26 0.00	29.06 2.40 -0.01	25.17 1.93 -0.01
BARRETT_IC_6 23709	23.78 1.64 0.00	22.01 1.29 0.00	20.90 1.15 0.00	19.71 1.04 0.00	20.76 1.06 0.00	22.53 1.30 0.00	31.81 1.57 0.00	34.37 1.35 0.00	34.07 2.02 0.00	29.86 1.98 0.00	27.67 1.91 0.00	28.11 2.03 0.00	28.90 2.02 0.00	30.44 2.23 0.00	31.75 1.97 0.00	34.23 1.78 0.00	39.29 1.69 0.01	44.73 2.05 0.00	46.70 2.22 0.00	41.03 2.03 0.00	37.21 1.94 0.00	32.77 2.26 0.00	29.06 2.40 -0.01	25.17 1.93 -0.01
BARRETT_IC_7 23710	23.78 1.64 0.00	22.01 1.28 0.00	20.92 1.17 0.00	19.77 1.10 0.00	20.76 1.06 0.00	22.59 1.36 0.00	31.81 1.57 0.00	34.41 1.39 0.00	34.06 2.02 0.00	29.92 2.04 0.00	27.75 1.98 0.00	28.16 2.09 0.00	29.16 2.28 0.00	30.47 2.26 0.00	31.92 2.14 0.00	34.33 1.88 0.00	39.37 1.77 0.01	44.82 2.13 0.00	46.92 2.45 0.00	41.19 2.18 0.00	37.36 2.08 0.00	32.80 2.29 0.00	29.06 2.40 -0.01	25.17 1.93 -0.01
BARRETT_IC_8 23711	23.78 1.64 0.00	22.01 1.29 0.00	20.90 1.15 0.00	19.71 1.04 0.00	20.76 1.06 0.00	22.53 1.30 0.00	31.81 1.57 0.00	34.37 1.35 0.00	34.07 2.02 0.00	29.86 1.98 0.00	27.67 1.91 0.00	28.11 2.03 0.00	28.90 2.02 0.00	30.44 2.23 0.00	31.75 1.97 0.00	34.23 1.78 0.00	39.29 1.69 0.01	44.73 2.05 0.00	46.70 2.22 0.00	41.03 2.03 0.00	37.21 1.94 0.00	32.77 2.26 0.00	29.06 2.40 -0.01	25.17 1.93 -0.01
BARRETT_IC_9 23700	23.78 1.64 0.00	22.01 1.29 0.00	20.90 1.15 0.00	19.71 1.04 0.00	20.76 1.06 0.00	22.53 1.30 0.00	31.81 1.57 0.00	34.37 1.35 0.00	34.07 2.02 0.00	29.86 1.98 0.00	27.67 1.91 0.00	28.11 2.03 0.00	28.90 2.02 0.00	30.44 2.23 0.00	31.75 1.97 0.00	34.23 1.78 0.00	39.29 1.69 0.01	44.73 2.05 0.00	46.70 2.22 0.00	41.03 2.03 0.00	37.21 1.94 0.00	32.77 2.26 0.00	29.06 2.40 -0.01	25.17 1.93 -0.01
BARRETT___1 23545	23.78 1.64 0.00	22.01 1.29 0.00	20.90 1.15 0.00	19.71 1.04 0.00	20.76 1.06 0.00	22.53 1.30 0.00	31.81 1.57 0.00	34.37 1.35 0.00	34.07 2.02 0.00	29.86 1.98 0.00	27.67 1.91 0.00	28.11 2.03 0.00	28.90 2.02 0.00	30.44 2.23 0.00	31.75 1.97 0.00	34.23 1.78 0.00	39.29 1.69 0.01	44.73 2.05 0.00	46.70 2.22 0.00	41.03 2.03 0.00	37.21 1.94 0.00	32.77 2.26 0.00	29.06 2.40 -0.01	25.17 1.93 -0.01
BARRETT___2 23546	23.78 1.64 0.00	22.01 1.29 0.00	20.90 1.15 0.00	19.71 1.04 0.00	20.76 1.06 0.00	22.53 1.30 0.00	31.81 1.57 0.00	34.37 1.35 0.00	34.07 2.02 0.00	29.86 1.98 0.00	27.67 1.91 0.00	28.11 2.03 0.00	28.90 2.02 0.00	30.44 2.23 0.00	31.75 1.97 0.00	34.23 1.78 0.00	39.29 1.69 0.01	44.73 2.05 0.00	46.70 2.22 0.00	41.03 2.03 0.00	37.21 1.94 0.00	32.77 2.26 0.00	29.06 2.40 -0.01	25.17 1.93 -0.01
BATAVIA__115KV_TB1 55881	20.52 -1.62 0.00	19.40 -1.33 0.00	18.33 -1.42 0.00	17.29 -1.38 0.00	18.42 -1.28 0.00	19.94 -1.30 0.00	29.09 -1.15 0.00	31.83 -1.19 0.00	30.15 -1.89 0.00	26.32 -1.56 0.00	24.86 -0.90 0.00	25.29 -0.78 0.00	25.70 -1.18 0.00	27.17 -1.04 0.00	28.11 -1.67 0.00	30.37 -2.08 0.00	35.01 -2.59 0.00	39.46 -3.20 0.02	41.08 -3.38 0.02	36.19 -2.81 0.00	32.16 -2.72 0.40	28.50 -2.01 0.00	24.89 -1.76 0.00	22.05 -1.19 0.00
BAYONEEC___CTG1 323682	23.62 1.48 0.00	21.95 1.22 0.00	20.96 1.21 0.00	19.79 1.12 0.00	20.82 1.12 0.00	22.46 1.23 0.00	31.78 1.54 0.00	35.00 1.98 0.00	34.29 2.24 0.00	29.86 1.98 0.00	27.64 1.88 0.00	28.03 1.96 0.00	28.82 1.94 0.00	30.41 2.20 0.00	32.13 2.35 0.00	35.01 2.56 0.00	40.20 2.59 0.00	45.84 3.16 0.00	47.81 3.34 0.00	41.85 2.85 0.00	37.99 2.72 0.00	32.74 2.23 0.00	28.81 2.16 0.00	24.89 1.65 0.00
BAYONEEC___CTG10 323750	23.62 1.48 0.00	21.95 1.22 0.00	20.96 1.21 0.00	19.79 1.12 0.00	20.82 1.12 0.00	22.46 1.23 0.00	31.78 1.54 0.00	35.00 1.98 0.00	34.29 2.24 0.00	29.86 1.98 0.00	27.64 1.88 0.00	28.03 1.96 0.00	28.82 1.94 0.00	30.41 2.20 0.00	32.13 2.35 0.00	35.01 2.56 0.00	40.20 2.59 0.00	45.84 3.16 0.00	47.81 3.34 0.00	41.85 2.85 0.00	37.99 2.72 0.00	32.74 2.23 0.00	28.81 2.16 0.00	24.89 1.65 0.00
BAYONEEC___CTG2 323683	23.62 1.48 0.00	21.95 1.22 0.00	20.96 1.21 0.00	19.79 1.12 0.00	20.82 1.12 0.00	22.46 1.23 0.00	31.78 1.54 0.00	35.00 1.98 0.00	34.29 2.24 0.00	29.86 1.98 0.00	27.64 1.88 0.00	28.03 1.96 0.00	28.82 1.94 0.00	30.41 2.20 0.00	32.13 2.35 0.00	35.01 2.56 0.00	40.20 2.59 0.00	45.84 3.16 0.00	47.81 3.34 0.00	41.85 2.85 0.00	37.99 2.72 0.00	32.74 2.23 0.00	28.81 2.16 0.00	24.89 1.65 0.00
BAYONEEC___CTG3 323684	23.62 1.48 0.00	21.95 1.22 0.00	20.96 1.21 0.00	19.79 1.12 0.00	20.82 1.12 0.00	22.46 1.23 0.00	31.78 1.54 0.00	35.00 1.98 0.00	34.29 2.24 0.00	29.86 1.98 0.00	27.64 1.88 0.00	28.03 1.96 0.00	28.82 1.94 0.00	30.41 2.20 0.00	32.13 2.35 0.00	35.01 2.56 0.00	40.20 2.59 0.00	45.84 3.16 0.00	47.81 3.34 0.00	41.85 2.85 0.00	37.99 2.72 0.00	32.74 2.23 0.00	28.81 2.16 0.00	24.89 1.65 0.00
BAYONEEC___CTG4 323685	23.62 1.48 0.00	21.95 1.22 0.00	20.96 1.21 0.00	19.79 1.12 0.00	20.82 1.12 0.00	22.46 1.23 0.00	31.78 1.54 0.00	35.00 1.98 0.00	34.29 2.24 0.00	29.86 1.98 0.00	27.64 1.88 0.00	28.03 1.96 0.00	28.82 1.94 0.00	30.41 2.20 0.00	32.13 2.35 0.00	35.01 2.56 0.00	40.20 2.59 0.00	45.84 3.16 0.00	47.81 3.34 0.00	41.85 2.85 0.00	37.99 2.72 0.00	32.74 2.23 0.00	28.81 2.16 0.00	24.89 1.65 0.00
BAYONEEC___CTG5 323686	23.62 1.48 0.00	21.95 1.22 0.00	20.96 1.21 0.00	19.79 1.12 0.00	20.82 1.12 0.00	22.46 1.23 0.00	31.78 1.54 0.00	35.00 1.98 0.00	34.29 2.24 0.00	29.86 1.98 0.00	27.64 1.88 0.00	28.03 1.96 0.00	28.82 1.94 0.00	30.41 2.20 0.00	32.13 2.35 0.00	35.01 2.56 0.00	40.20 2.59 0.00	45.84 3.16 0.00	47.81 3.34 0.00	41.85 2.85 0.00	37.99 2.72 0.00	32.74 2.23 0.00	28.81 2.16 0.00	24.89 1.65 0.00
BAYONEEC___CTG6 323687	23.62 1.48 0.00	21.95 1.22 0.00	20.96 1.21 0.00	19.79 1.12 0.00	20.82 1.12 0.00	22.46 1.23 0.00	31.78 1.54 0.00	35.00 1.98 0.00	34.29 2.24 0.00	29.86 1.98 0.00	27.64 1.88 0.00	28.03 1.96 0.00	28.82 1.94 0.00	30.41 2.20 0.00	32.13 2.35 0.00	35.01 2.56 0.00	40.20 2.59 0.00	45.84 3.16 0.00	47.81 3.34 0.00	41.85 2.85 0.00	37.99 2.72 0.00	32.74 2.23 0.00	28.81 2.16 0.00	24.89 1.65 0.00

BAYONEEC___CTG7 323688	23.62 1.48 0.00	21.95 1.22 0.00	20.96 1.21 0.00	19.79 1.12 0.00	20.82 1.12 0.00	22.46 1.23 0.00	31.78 1.54 0.00	35.00 1.98 0.00	34.29 2.24 0.00	29.86 1.98 0.00	27.64 1.88 0.00	28.03 1.96 0.00	28.82 1.94 0.00	30.41 2.20 0.00	32.13 2.35 0.00	35.01 2.56 0.00	40.20 2.59 0.00	45.84 3.16 0.00	47.81 3.34 0.00	41.85 2.85 0.00	37.99 2.72 0.00	32.74 2.23 0.00	28.81 2.16 0.00	24.89 1.65 0.00
BAYONEEC___CTG8 323689	23.62 1.48 0.00	21.95 1.22 0.00	20.96 1.21 0.00	19.79 1.12 0.00	20.82 1.12 0.00	22.46 1.23 0.00	31.78 1.54 0.00	35.00 1.98 0.00	34.29 2.24 0.00	29.86 1.98 0.00	27.64 1.88 0.00	28.03 1.96 0.00	28.82 1.94 0.00	30.41 2.20 0.00	32.13 2.35 0.00	35.01 2.56 0.00	40.20 2.59 0.00	45.84 3.16 0.00	47.81 3.34 0.00	41.85 2.85 0.00	37.99 2.72 0.00	32.74 2.23 0.00	28.81 2.16 0.00	24.89 1.65 0.00
BAYONEEC___CTG9 323749	23.62 1.48 0.00	21.95 1.22 0.00	20.96 1.21 0.00	19.79 1.12 0.00	20.82 1.12 0.00	22.46 1.23 0.00	31.78 1.54 0.00	35.00 1.98 0.00	34.29 2.24 0.00	29.86 1.98 0.00	27.64 1.88 0.00	28.03 1.96 0.00	28.82 1.94 0.00	30.41 2.20 0.00	32.13 2.35 0.00	35.01 2.56 0.00	40.20 2.59 0.00	45.84 3.16 0.00	47.81 3.34 0.00	41.85 2.85 0.00	37.99 2.72 0.00	32.74 2.23 0.00	28.81 2.16 0.00	24.89 1.65 0.00
BEACON___LESR 323632	23.03 0.89 0.00	21.63 0.91 0.00	20.61 0.85 0.00	19.47 0.80 0.00	20.52 0.83 0.00	21.93 0.70 0.00	31.20 0.97 0.00	33.84 0.83 0.00	32.91 0.87 0.00	28.50 0.61 0.00	26.28 0.52 0.00	26.49 0.42 0.00	27.47 0.59 0.00	28.94 0.73 0.00	30.64 0.86 0.00	33.52 1.07 0.00	38.85 1.24 0.00	39.43 1.66 4.92	43.64 1.78 2.61	40.53 1.56 0.04	34.24 1.45 2.48	25.79 1.19 5.91	25.95 1.07 1.76	23.72 0.86 0.38
BEAVER RIVER___HYD 24048	26.04 0.29 -3.62	25.69 0.25 -4.72	24.43 0.20 -4.47	23.87 0.21 -4.99	26.47 0.20 -6.58	28.56 0.36 -6.96	31.14 0.91 0.00	34.21 1.19 0.00	32.91 0.87 0.00	28.47 0.59 0.00	26.10 0.33 0.00	26.44 0.36 0.00	27.23 0.35 0.00	28.55 0.34 0.00	30.11 0.33 0.00	32.81 0.36 0.00	38.40 0.79 0.00	43.79 1.11 0.00	45.63 1.15 0.00	40.06 1.05 0.00	36.13 0.92 0.06	38.55 0.61 -7.43	35.20 0.27 -8.28	31.04 0.35 -7.45
BEEBEE_GT_13 23619	20.86 -1.28 0.00	19.67 -1.06 0.00	18.63 -1.13 0.00	17.59 -1.08 0.00	18.67 -1.02 0.00	20.19 -1.04 0.00	29.18 -1.06 0.00	31.90 -1.12 0.00	30.44 -1.60 0.00	26.60 -1.28 0.00	24.89 -0.88 0.00	25.29 -0.78 0.00	25.83 -1.05 0.00	27.22 -0.99 0.00	28.41 -1.37 0.00	30.80 -1.65 0.00	35.58 -2.03 0.00	40.15 -2.52 0.01	41.79 -2.67 0.01	36.82 -2.18 0.00	32.64 -2.33 0.31	28.89 -1.62 0.00	25.21 -1.44 0.00	22.19 -1.05 0.00
BENSHRST_27_KV_BENSHRST_1 355998	23.96 1.82 -0.01	22.26 1.53 0.00	21.25 1.48 -0.01	20.08 1.40 -0.01	21.08 1.38 0.00	22.74 1.51 0.00	32.08 1.84 0.00	35.33 2.31 0.00	34.61 2.56 0.00	30.14 2.26 0.00	27.95 2.19 0.00	28.34 2.27 0.00	29.41 2.53 0.00	30.75 2.54 0.00	32.55 2.77 0.00	35.48 3.02 -0.01	40.58 2.97 0.00	46.31 3.63 0.00	48.34 3.87 0.00	42.28 3.28 0.00	38.48 3.21 0.00	33.17 2.65 -0.01	29.22 2.56 -0.01	25.27 2.02 -0.01
BETHLEHEM___GRP 23843	22.67 0.53 0.00	21.32 0.60 0.00	20.37 0.61 0.00	19.27 0.60 0.00	20.27 0.57 0.00	21.66 0.42 0.00	30.69 0.45 0.00	33.35 0.33 0.00	32.43 0.38 0.00	28.16 0.28 0.00	25.97 0.21 0.00	26.20 0.13 0.00	27.20 0.32 0.00	28.55 0.34 0.00	30.23 0.45 0.00	33.03 0.58 0.00	38.25 0.64 0.00	41.05 0.90 2.53	44.15 1.02 1.34	39.84 0.86 0.02	34.81 0.81 1.28	28.14 0.67 3.04	26.36 0.61 0.91	23.53 0.49 0.20
BETHLEHEM___GS1 323560	22.67 0.53 0.00	21.32 0.60 0.00	20.37 0.61 0.00	19.25 0.58 0.00	20.27 0.57 0.00	21.63 0.40 0.00	30.69 0.45 0.00	33.35 0.33 0.00	32.43 0.39 0.00	28.16 0.28 0.00	25.97 0.21 0.00	26.20 0.13 0.00	27.07 0.19 0.00	28.55 0.34 0.00	30.23 0.45 0.00	33.04 0.58 0.00	38.24 0.64 0.00	41.05 0.90 2.53	44.11 0.98 1.34	39.84 0.86 0.02	34.81 0.81 1.28	28.14 0.67 3.04	26.36 0.61 0.91	23.53 0.49 0.20
BETHLEHEM___GS2 323561	22.67 0.53 0.00	21.32 0.60 0.00	20.37 0.61 0.00	19.25 0.58 0.00	20.27 0.57 0.00	21.63 0.40 0.00	30.69 0.45 0.00	33.35 0.33 0.00	32.43 0.39 0.00	28.16 0.28 0.00	25.97 0.21 0.00	26.20 0.13 0.00	27.07 0.19 0.00	28.55 0.34 0.00	30.23 0.45 0.00	33.04 0.58 0.00	38.24 0.64 0.00	41.05 0.90 2.53	44.11 0.98 1.34	39.84 0.86 0.02	34.81 0.81 1.28	28.14 0.67 3.04	26.36 0.61 0.91	23.53 0.49 0.20
BETHLEHEM___GS3 323562	22.67 0.53 0.00	21.32 0.60 0.00	20.37 0.61 0.00	19.25 0.58 0.00	20.27 0.57 0.00	21.63 0.40 0.00	30.69 0.45 0.00	33.35 0.33 0.00	32.43 0.39 0.00	28.16 0.28 0.00	25.97 0.21 0.00	26.20 0.13 0.00	27.07 0.19 0.00	28.55 0.34 0.00	30.23 0.45 0.00	33.04 0.58 0.00	38.24 0.64 0.00	41.05 0.90 2.53	44.11 0.98 1.34	39.84 0.86 0.02	34.81 0.81 1.28	28.14 0.67 3.04	26.36 0.61 0.91	23.53 0.49 0.20
BETHLEHEM___STEEL 23779	20.46 -1.68 0.00	19.31 -1.41 0.00	18.25 -1.50 0.00	17.27 -1.40 0.00	18.34 -1.36 0.00	19.83 -1.40 0.00	28.78 -1.45 0.00	31.47 -1.55 0.00	29.93 -2.12 0.00	26.18 -1.70 0.00	24.84 -0.93 0.00	25.29 -0.78 0.00	25.72 -1.16 0.00	27.25 -0.96 0.00	28.05 -1.73 0.00	30.21 -2.24 0.00	34.71 -2.90 0.00	38.99 -3.67 0.02	40.63 -3.82 0.02	35.65 -3.35 0.00	31.87 -3.03 0.37	28.10 -2.41 0.00	24.68 -1.97 0.00	21.94 -1.30 0.00
BETHLHEM_115KV_TB1 79974	22.69 0.55 0.00	21.34 0.62 0.00	20.37 0.61 0.00	19.27 0.60 0.00	20.29 0.59 0.00	21.68 0.45 0.00	30.72 0.48 0.00	33.45 0.43 0.00	32.53 0.48 0.00	28.22 0.33 0.00	26.05 0.28 0.00	26.28 0.21 0.00	27.26 0.38 0.00	28.61 0.39 0.00	30.29 0.51 0.00	33.10 0.65 0.00	38.32 0.71 0.00	41.28 0.98 2.38	44.28 1.07 1.26	39.92 0.94 0.02	34.95 0.88 1.20	28.35 0.70 2.86	26.46 0.67 0.85	23.56 0.51 0.18
BETHPAGE_CC_5 323564	24.00 1.86 0.00	22.19 1.47 0.00	21.06 1.30 0.00	19.86 1.20 0.00	20.92 1.22 0.00	22.72 1.49 0.00	31.96 1.72 0.00	34.51 1.49 0.00	34.19 2.15 0.00	30.00 2.12 0.00	27.80 2.03 0.00	28.23 2.16 0.00	29.03 2.15 0.00	30.55 2.34 0.00	31.90 2.11 0.00	34.27 1.82 0.00	39.52 1.92 0.01	45.03 2.35 0.00	47.05 2.58 0.00	41.38 2.38 0.00	37.43 2.15 0.00	32.92 2.41 0.00	29.24 2.58 -0.01	25.43 2.18 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.52 -1.62 0.00	19.38 -1.35 0.00	18.31 -1.44 0.00	17.32 -1.34 0.00	18.40 -1.30 0.00	19.91 -1.32 0.00	28.91 -1.33 0.00	31.60 -1.42 0.00	30.09 -1.95 0.00	26.29 -1.59 0.00	24.96 -0.80 0.00	25.39 -0.68 0.00	25.86 -1.02 0.00	27.39 -0.82 0.00	28.20 -1.58 0.00	30.34 -2.11 0.00	34.86 -2.75 0.00	39.20 -3.46 0.02	40.85 -3.60 0.02	35.80 -3.20 0.00	32.11 -2.79 0.38	28.22 -2.29 0.00	24.76 -1.89 0.00	22.01 -1.23 0.00

BINGHAMTON___COGEN 23790	21.92 -0.22 0.00	20.54 -0.19 0.00	19.52 -0.24 0.00	18.46 -0.21 0.00	19.50 -0.20 0.00	21.10 -0.13 0.00	30.21 -0.03 0.00	33.09 0.07 0.00	31.92 -0.13 0.00	27.74 -0.14 0.00	25.76 0.00 0.00	26.10 0.03 0.00	26.88 0.00 0.00	28.24 0.03 0.00	29.66 -0.12 0.00	32.19 -0.26 0.00	37.31 -0.30 0.00	42.34 -0.34 0.00	44.11 -0.36 0.01	38.73 -0.27 0.00	34.81 -0.28 0.18	30.24 -0.27 0.00	26.44 -0.21 0.00	23.12 -0.12 0.00
BIXINCNT_115KV_LOAD 355685	20.39 -1.75 0.00	19.25 -1.47 0.00	18.18 -1.58 0.00	17.21 -1.46 0.00	18.24 -1.46 0.00	19.83 -1.40 0.00	28.87 -1.36 0.00	31.67 -1.35 0.00	30.15 -1.89 0.00	26.32 -1.56 0.00	25.02 -0.75 0.00	25.31 -0.76 0.00	25.80 -1.08 0.00	27.37 -0.85 0.00	28.11 -1.67 0.00	30.24 -2.21 0.00	34.79 -2.82 0.00	39.12 -3.54 0.02	40.80 -3.65 0.02	35.65 -3.35 0.00	32.02 -2.82 0.43	27.92 -2.59 0.00	24.46 -2.19 0.00	21.75 -1.49 0.00
BLACK RIVER___HYD 24047	25.00 0.31 -2.55	24.32 0.29 -3.31	23.11 0.22 -3.14	22.39 0.22 -3.50	24.53 0.24 -4.59	26.50 0.40 -4.86	31.23 1.00 0.00	34.31 1.29 0.00	32.98 0.93 0.00	28.50 0.61 0.00	26.15 0.39 0.00	26.46 0.39 0.00	27.28 0.40 0.00	28.55 0.34 0.00	30.11 0.33 0.00	32.81 0.36 0.00	38.36 0.75 0.00	43.75 1.07 0.00	45.67 1.20 0.00	40.13 1.13 0.00	36.22 0.99 0.04	36.37 0.67 -5.19	32.75 0.32 -5.78	28.84 0.39 -5.20
BLACKRVR_115KV_TB2 79977	25.00 0.31 -2.55	24.32 0.29 -3.31	23.11 0.22 -3.14	22.39 0.22 -3.50	24.53 0.24 -4.59	26.50 0.40 -4.86	31.23 1.00 0.00	34.31 1.29 0.00	32.97 0.93 0.00	28.50 0.61 0.00	26.15 0.39 0.00	26.46 0.39 0.00	27.20 0.32 0.00	28.55 0.34 0.00	30.11 0.33 0.00	32.81 0.36 0.00	38.36 0.75 0.00	43.75 1.07 0.00	45.67 1.20 0.00	40.13 1.13 0.00	36.22 0.99 0.04	36.37 0.67 -5.19	32.75 0.32 -5.78	28.84 0.40 -5.20
BLISS_WT_PWR 323608	20.26 -1.88 0.00	19.13 -1.60 0.00	18.06 -1.70 0.00	17.12 -1.55 0.00	18.12 -1.58 0.00	19.77 -1.46 0.00	28.69 -1.54 0.00	31.50 -1.52 0.00	29.99 -2.05 0.00	26.18 -1.70 0.00	24.91 -0.85 0.00	25.18 -0.89 0.00	26.40 -0.48 0.00	27.20 -1.01 0.00	27.96 -1.82 0.00	30.11 -2.34 0.00	34.56 -3.04 0.00	38.90 -3.76 0.02	40.32 -4.13 0.02	35.41 -3.59 0.00	31.91 -2.93 0.43	27.71 -2.81 0.00	24.28 -2.37 0.00	21.59 -1.65 0.00
BLUESTONE___WT_PWR 323821	22.98 0.84 0.00	21.49 0.77 0.00	20.45 0.69 0.00	19.34 0.67 0.00	20.41 0.71 0.00	22.12 0.89 0.00	31.75 1.51 0.00	34.87 1.85 0.00	33.65 1.60 0.00	29.17 1.28 0.00	26.92 1.16 0.00	27.35 1.28 0.00	28.25 1.37 0.00	29.65 1.44 0.00	31.24 1.46 0.00	33.98 1.53 0.00	39.49 1.88 0.00	44.83 2.13 -0.01	46.58 2.09 -0.01	40.84 1.83 0.00	37.26 1.69 -0.29	31.82 1.31 0.00	27.72 1.07 0.00	24.24 1.00 0.00
BLUE_CIRC_CHEM_DRP 24182	22.87 0.73 0.00	21.47 0.75 0.00	20.47 0.71 0.00	19.36 0.69 0.00	20.39 0.69 0.00	21.85 0.62 0.00	31.02 0.79 0.00	33.75 0.73 0.00	32.81 0.77 0.00	28.41 0.53 0.00	26.18 0.41 0.00	26.38 0.31 0.00	27.31 0.43 0.00	28.69 0.48 0.00	30.35 0.57 0.00	33.23 0.78 0.00	38.55 0.94 0.00	41.58 1.28 2.38	44.63 1.42 1.27	40.23 1.25 0.02	35.23 1.16 1.20	28.62 0.98 2.86	26.67 0.88 0.86	23.77 0.72 0.18
BOC_GAS_DRP 24189	22.72 0.58 0.00	21.28 0.56 0.00	20.33 0.57 0.00	19.21 0.54 0.00	20.23 0.53 0.00	21.72 0.49 0.00	30.81 0.57 0.00	33.65 0.63 0.00	32.75 0.70 0.00	28.44 0.56 0.00	26.25 0.49 0.00	26.51 0.44 0.00	27.42 0.54 0.00	28.78 0.56 0.00	30.44 0.66 0.00	33.23 0.78 0.00	38.47 0.86 0.00	42.19 1.07 1.55	44.85 1.20 0.83	40.01 1.01 0.01	35.48 0.99 0.79	29.44 0.79 1.87	26.84 0.75 0.56	23.70 0.58 0.12
BOONVILLE_115KV_TB1 79983	24.43 0.44 -1.85	23.20 0.41 -2.07	22.09 0.36 -1.98	21.09 0.35 -2.07	22.56 0.37 -2.49	24.35 0.49 -2.63	31.14 0.91 0.00	34.14 1.12 0.00	32.97 0.93 0.00	28.58 0.70 0.00	26.30 0.54 0.00	26.67 0.60 0.00	27.47 0.59 0.00	28.86 0.65 0.00	30.50 0.71 0.00	33.16 0.71 0.00	38.62 1.02 0.00	43.92 1.24 0.00	45.72 1.25 0.00	40.09 1.09 0.00	36.26 0.99 0.00	34.05 0.73 -2.81	30.29 0.51 -3.13	26.57 0.51 -2.82
BORALEX_4TH_BRANCH 23824	23.60 1.46 0.00	22.05 1.33 0.00	21.02 1.26 0.00	19.86 1.19 0.00	20.94 1.24 0.00	22.57 1.34 0.00	32.02 1.78 0.00	35.07 2.05 0.00	34.19 2.15 0.00	29.70 1.81 0.00	27.31 1.55 0.00	27.45 1.38 0.00	28.25 1.37 0.00	29.74 1.52 0.00	31.48 1.70 0.00	34.37 1.91 0.00	39.98 2.37 0.00	47.82 2.86 -2.28	48.75 3.07 -1.21	41.67 2.65 -0.02	38.82 2.40 -1.15	35.30 2.04 -2.74	29.31 1.84 -0.82	24.97 1.56 -0.18
BOWLINE___1 23526	23.42 1.28 0.00	21.78 1.06 0.00	20.78 1.03 0.00	19.62 0.95 0.00	20.66 0.96 0.00	22.29 1.06 0.00	31.60 1.36 0.00	34.70 1.68 0.00	33.94 1.89 0.00	29.53 1.64 0.00	27.31 1.55 0.00	27.66 1.59 0.00	28.46 1.59 0.00	30.02 1.81 0.00	31.69 1.91 0.00	34.53 2.08 0.00	39.82 2.22 0.00	45.42 2.73 0.00	47.36 2.89 0.00	41.50 2.50 0.00	37.57 2.29 0.00	32.44 1.92 0.00	28.44 1.79 0.00	24.65 1.42 0.00
BOWLINE___2 23595	23.42 1.28 0.00	21.78 1.06 0.00	20.78 1.03 0.00	19.62 0.95 0.00	20.66 0.96 0.00	22.29 1.06 0.00	31.60 1.36 0.00	34.70 1.68 0.00	33.94 1.89 0.00	29.53 1.64 0.00	27.31 1.55 0.00	27.66 1.59 0.00	28.46 1.59 0.00	30.02 1.81 0.00	31.69 1.91 0.00	34.53 2.08 0.00	39.82 2.22 0.00	45.42 2.73 0.00	47.36 2.89 0.00	41.50 2.50 0.00	37.57 2.29 0.00	32.44 1.92 0.00	28.44 1.79 0.00	24.65 1.42 0.00
BRADY___115KV_TB2 356060	32.24 1.11 -9.00	33.88 1.02 -12.15	32.15 0.89 -11.50	32.55 0.88 -13.01	38.05 0.93 -17.42	40.95 1.27 -18.44	32.93 2.69 0.00	36.29 3.27 0.00	34.58 2.53 0.00	29.70 1.81 0.00	27.03 1.26 0.00	27.35 1.28 0.00	28.01 1.13 0.00	29.34 1.13 0.00	31.00 1.22 0.00	33.85 1.40 0.00	40.13 2.52 0.00	46.14 3.46 0.00	48.16 3.69 0.00	42.24 3.24 0.00	38.01 2.93 0.19	52.29 2.11 -19.67	49.89 1.31 -21.93	44.30 1.32 -19.74
BRANSCOMB___SOLAR 323811	23.54 1.40 0.00	22.01 1.29 0.00	20.90 1.15 0.00	19.75 1.08 0.00	20.84 1.14 0.00	22.44 1.21 0.00	31.72 1.48 0.00	34.67 1.65 0.00	33.74 1.70 0.00	29.17 1.28 0.00	26.90 1.13 0.00	27.06 0.99 0.00	27.76 0.89 0.00	29.26 1.04 0.00	30.94 1.16 0.00	33.91 1.46 0.00	39.34 1.73 0.00	46.76 2.26 -1.81	47.88 2.44 -0.96	41.16 2.14 -0.01	38.16 1.97 -0.92	34.37 1.68 -2.18	28.77 1.46 -0.65	24.77 1.39 -0.14
BRENTWOD_69_KV_W. BRTWOOD 56703	24.20 2.06 0.00	22.36 1.64 0.00	21.22 1.46 0.00	20.07 1.40 0.00	21.06 1.36 0.00	22.99 1.76 0.00	32.26 2.03 0.00	34.77 1.75 0.00	34.51 2.47 0.00	30.34 2.45 0.00	28.11 2.34 0.00	28.50 2.42 0.00	29.51 2.63 0.00	30.84 2.62 0.00	32.22 2.44 0.00	34.59 2.14 0.00	39.97 2.37 0.01	45.54 2.86 0.00	47.72 3.25 0.00	42.08 3.08 0.00	37.95 2.68 0.00	33.32 2.81 0.00	29.59 2.93 -0.01	25.66 2.42 -0.01

BRISTLHL_115KV_TB1 79998	21.67 -0.46 0.00	20.33 -0.39 0.00	19.34 -0.41 0.00	18.28 -0.39 0.00	19.28 -0.41 0.00	20.85 -0.38 0.00	29.75 -0.48 0.00	32.49 -0.53 0.00	31.37 -0.67 0.00	27.30 -0.59 0.00	25.22 -0.54 0.00	25.52 -0.55 0.00	26.31 -0.56 0.00	27.65 -0.56 0.00	29.16 -0.63 0.00	31.70 -0.75 0.00	36.74 -0.86 0.00	41.70 -0.98 0.00	43.45 -1.02 0.00	38.14 -0.86 0.00	34.43 -0.85 0.00	29.81 -0.70 0.00	26.04 -0.61 0.00	22.73 -0.51 0.00
BROOKHAVEN___DRP 24191	24.20 2.06 0.00	22.34 1.62 0.00	21.20 1.44 0.00	20.03 1.36 0.00	21.02 1.32 0.00	22.97 1.74 0.00	32.11 1.87 0.00	34.64 1.62 0.00	34.38 2.34 0.00	30.20 2.31 0.00	27.93 2.16 0.00	28.34 2.27 0.00	29.38 2.50 0.00	30.72 2.51 0.00	32.10 2.32 0.00	34.46 2.01 0.00	39.74 2.14 0.01	45.29 2.60 0.00	47.45 2.98 0.00	42.01 3.00 0.00	37.88 2.61 0.00	33.32 2.81 0.00	29.54 2.88 -0.01	25.69 2.44 -0.01
BROOKLYN_NAVY_YARD 23515	23.58 1.44 0.00	21.87 1.16 0.01	20.90 1.15 0.00	19.73 1.06 0.00	20.75 1.06 0.01	22.39 1.17 0.01	31.72 1.48 0.00	34.97 1.95 0.00	34.25 2.21 0.00	29.84 1.95 0.00	27.62 1.86 0.00	28.00 1.93 0.00	28.79 1.91 0.00	30.38 2.17 0.00	32.11 2.32 0.00	35.01 2.56 0.00	40.20 2.59 0.00	45.84 3.16 0.00	47.85 3.38 0.00	41.89 2.89 0.00	38.03 2.75 0.00	32.71 2.20 0.00	28.75 2.10 0.00	24.84 1.60 0.00
BROOKLYN___ARMY_DRP 323595	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.67 1.44 0.00	31.99 1.75 0.00	35.17 2.15 0.00	34.45 2.40 0.00	30.03 2.15 0.00	27.85 2.09 0.00	28.21 2.14 0.00	29.27 2.39 0.00	30.64 2.43 0.00	32.40 2.62 0.00	35.31 2.86 -0.01	40.39 2.78 0.00	46.10 3.41 0.00	48.08 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.11 2.45 -0.01	25.17 1.93 -0.01
BROOKVLE_69_KV_TB1 55790	23.87 1.73 0.00	22.11 1.39 0.00	21.06 1.30 0.00	19.88 1.21 0.00	20.90 1.20 0.00	22.67 1.44 0.00	32.02 1.78 0.00	34.87 1.85 0.00	34.38 2.34 0.00	30.09 2.20 0.00	27.90 2.14 0.00	28.31 2.24 0.00	29.32 2.45 0.00	30.69 2.48 0.00	32.25 2.47 0.00	34.85 2.40 0.00	40.16 2.56 0.00	45.80 3.12 0.00	47.90 3.42 0.00	42.01 3.00 0.00	37.99 2.72 0.00	33.08 2.56 0.00	29.17 2.51 -0.01	25.25 2.00 -0.01
BROOME_2_LFGE 323671	21.92 -0.22 0.00	20.54 -0.19 0.00	19.52 -0.24 0.00	18.48 -0.19 0.00	19.50 -0.20 0.00	21.13 -0.11 0.00	30.21 -0.03 0.00	33.09 0.07 0.00	31.92 -0.13 0.00	27.75 -0.14 0.00	25.76 0.00 0.00	26.10 0.03 0.00	27.04 0.16 0.00	28.24 0.03 0.00	29.66 -0.12 0.00	32.23 -0.23 0.00	37.30 -0.30 0.00	42.33 -0.34 0.00	44.06 -0.40 0.01	38.73 -0.27 0.00	34.85 -0.25 0.18	30.24 -0.28 0.00	26.44 -0.21 0.00	23.12 -0.12 0.00
BROOME___LFGE 323600	21.92 -0.22 0.00	20.54 -0.19 0.00	19.52 -0.24 0.00	18.48 -0.19 0.00	19.50 -0.20 0.00	21.13 -0.11 0.00	30.21 -0.03 0.00	33.09 0.07 0.00	31.92 -0.13 0.00	27.75 -0.14 0.00	25.76 0.00 0.00	26.10 0.03 0.00	27.04 0.16 0.00	28.24 0.03 0.00	29.66 -0.12 0.00	32.23 -0.23 0.00	37.30 -0.30 0.00	42.33 -0.34 0.00	44.06 -0.40 0.01	38.73 -0.27 0.00	34.85 -0.25 0.18	30.24 -0.28 0.00	26.44 -0.21 0.00	23.12 -0.12 0.00
BROWNFLS_115KV_TB 3_5 80003	28.69 0.33 -6.22	29.32 0.29 -8.31	27.85 0.22 -7.87	27.76 0.22 -8.87	31.78 0.26 -11.82	34.19 0.45 -12.52	31.38 1.15 0.00	34.47 1.45 0.00	33.10 1.06 0.00	28.64 0.75 0.00	26.23 0.46 0.00	26.57 0.50 0.00	27.31 0.43 0.00	28.63 0.42 0.00	30.23 0.45 0.00	32.94 0.49 0.00	38.66 1.05 0.00	44.13 1.45 0.00	45.99 1.51 0.00	40.33 1.33 0.00	36.32 1.16 0.12	44.62 0.76 -13.35	41.88 0.35 -14.88	37.05 0.42 -13.40
BROWNSV1_27_KV_LOAD 356125	23.80 1.66 0.00	22.09 1.37 0.00	21.10 1.34 0.00	19.92 1.25 0.00	20.96 1.26 0.00	22.63 1.40 0.00	32.02 1.78 0.00	35.26 2.25 0.00	34.58 2.53 0.00	30.09 2.20 0.00	27.90 2.14 0.00	28.26 2.19 0.00	29.30 2.42 0.00	30.67 2.45 0.00	32.43 2.65 0.00	35.34 2.89 0.00	40.58 2.97 0.00	46.27 3.59 0.00	48.30 3.82 0.00	42.28 3.28 0.00	38.38 3.10 0.00	33.01 2.50 0.00	29.05 2.40 0.00	25.10 1.86 0.00
BURROWS___LYONSDAL 23803	24.62 0.40 -2.08	23.61 0.37 -2.52	22.47 0.32 -2.40	21.58 0.32 -2.60	23.30 0.32 -3.29	25.16 0.45 -3.48	31.14 0.91 0.00	34.14 1.12 0.00	32.94 0.90 0.00	28.53 0.64 0.00	26.25 0.49 0.00	26.59 0.52 0.00	27.39 0.51 0.00	28.78 0.56 0.00	30.38 0.60 0.00	33.07 0.62 0.00	38.55 0.94 0.00	43.83 1.15 0.00	45.67 1.20 0.00	40.06 1.05 0.00	36.21 0.95 0.02	34.90 0.67 -3.72	31.22 0.43 -4.14	27.43 0.46 -3.73
CAITHNESS_CC_1 323624	24.13 1.99 0.00	22.30 1.57 0.00	21.12 1.36 0.00	19.92 1.25 0.00	20.98 1.28 0.00	22.84 1.61 0.00	32.08 1.84 0.00	34.54 1.52 0.00	34.25 2.21 0.00	30.06 2.18 0.00	27.80 2.03 0.00	28.21 2.14 0.00	29.03 2.15 0.00	30.61 2.40 0.00	31.90 2.11 0.00	34.27 1.82 0.00	39.55 1.95 0.01	45.07 2.39 0.00	47.10 2.62 0.00	41.69 2.69 0.00	37.60 2.33 0.00	33.14 2.62 0.00	29.46 2.80 -0.01	25.62 2.37 -0.01
CALPINE BETH_PAGE_GT4 24209	23.98 1.84 0.00	22.17 1.45 0.00	21.06 1.30 0.00	19.90 1.23 0.00	20.90 1.20 0.00	22.76 1.53 0.00	32.05 1.81 0.00	34.67 1.65 0.00	34.32 2.28 0.00	30.14 2.26 0.00	27.95 2.19 0.00	28.37 2.29 0.00	29.38 2.50 0.00	30.69 2.48 0.00	32.13 2.35 0.00	34.50 2.04 0.00	39.78 2.18 0.01	45.33 2.65 0.00	47.45 2.98 0.00	41.73 2.73 0.00	37.71 2.43 0.00	33.11 2.59 0.00	29.33 2.66 -0.01	25.41 2.16 -0.01
CALPINE_BETH_PAGE_GT_4 323586	23.98 1.84 0.00	22.17 1.45 0.00	21.04 1.28 0.00	19.85 1.18 0.00	20.90 1.20 0.00	22.70 1.46 0.00	31.99 1.75 0.00	34.57 1.55 0.00	34.23 2.18 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.26 2.19 0.00	29.06 2.18 0.00	30.61 2.40 0.00	31.93 2.15 0.00	34.30 1.85 0.00	39.55 1.95 0.01	45.11 2.43 0.00	47.10 2.62 0.00	41.42 2.42 0.00	37.46 2.19 0.00	32.98 2.47 0.00	29.25 2.58 -0.01	25.41 2.16 -0.01
CALPINE_BP_GT1 23823	23.98 1.84 0.00	22.17 1.45 0.00	21.04 1.28 0.00	19.85 1.18 0.00	20.90 1.20 0.00	22.70 1.46 0.00	31.99 1.75 0.00	34.57 1.55 0.00	34.23 2.18 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.26 2.19 0.00	29.06 2.18 0.00	30.61 2.40 0.00	31.93 2.15 0.00	34.30 1.85 0.00	39.55 1.95 0.01	45.11 2.43 0.00	47.10 2.62 0.00	41.42 2.42 0.00	37.46 2.19 0.00	32.98 2.47 0.00	29.25 2.58 -0.01	25.41 2.16 -0.01
CALSPAN___DRP 24200	20.46 -1.68 0.00	19.31 -1.41 0.00	18.25 -1.50 0.00	17.27 -1.40 0.00	18.34 -1.36 0.00	19.83 -1.40 0.00	28.78 -1.45 0.00	31.47 -1.55 0.00	29.93 -2.12 0.00	26.18 -1.70 0.00	24.84 -0.93 0.00	25.29 -0.78 0.00	25.72 -1.16 0.00	27.25 -0.96 0.00	28.05 -1.73 0.00	30.21 -2.24 0.00	34.71 -2.90 0.00	38.99 -3.67 0.02	40.63 -3.82 0.02	35.65 -3.35 0.00	31.87 -3.03 0.37	28.10 -2.41 0.00	24.68 -1.97 0.00	21.94 -1.30 0.00

CALVERTON___SOLAR 323806	24.24 2.10 0.00	22.38 1.66 0.00	21.20 1.44 0.00	19.99 1.33 0.00	21.04 1.34 0.00	22.93 1.70 0.00	32.20 1.96 0.00	34.70 1.68 0.00	34.42 2.37 0.00	30.17 2.29 0.00	27.88 2.11 0.00	28.31 2.24 0.00	29.14 2.26 0.00	30.72 2.51 0.00	32.02 2.23 0.00	34.46 2.01 0.00	39.74 2.14 0.01	45.29 2.60 0.00	47.32 2.85 0.00	41.97 2.96 0.00	37.82 2.54 0.00	33.35 2.84 0.00	29.56 2.91 -0.01	25.76 2.51 -0.01
CANDIGU_WT_PWR 323617	20.99 -1.15 0.00	19.73 -0.99 0.00	18.69 -1.07 0.00	17.72 -0.95 0.00	18.73 -0.96 0.00	20.36 -0.87 0.00	29.33 -0.91 0.00	32.16 -0.86 0.00	30.76 -1.28 0.00	26.80 -1.09 0.00	25.12 -0.64 0.00	25.52 -0.55 0.00	26.64 -0.24 0.00	27.56 -0.65 0.00	28.65 -1.13 0.00	30.96 -1.49 0.00	35.73 -1.88 0.00	40.38 -2.26 0.04	42.04 -2.40 0.04	37.01 -1.99 0.00	32.61 -1.84 0.83	28.89 -1.62 0.00	25.26 -1.39 0.00	22.24 -1.00 0.00
CARR STREET_E_SYR 24060	21.74 -0.40 0.00	20.37 -0.35 0.00	19.38 -0.38 0.00	18.33 -0.34 0.00	19.34 -0.35 0.00	20.93 -0.30 0.00	29.87 -0.36 0.00	32.62 -0.39 0.00	31.50 -0.54 0.00	27.41 -0.47 0.00	25.38 -0.39 0.00	25.68 -0.39 0.00	26.58 -0.30 0.00	27.79 -0.42 0.00	29.30 -0.48 0.00	31.87 -0.58 0.00	36.93 -0.68 0.00	41.87 -0.81 0.00	43.63 -0.85 0.00	38.30 -0.70 0.00	34.57 -0.71 0.00	29.93 -0.58 0.00	26.14 -0.51 0.00	22.82 -0.42 0.00
CARTHAGE___PAPER 23857	25.39 0.29 -2.96	24.82 0.25 -3.85	23.59 0.18 -3.65	22.93 0.19 -4.07	25.26 0.20 -5.36	27.27 0.36 -5.67	31.17 0.94 0.00	34.24 1.22 0.00	32.91 0.87 0.00	28.44 0.56 0.00	26.10 0.33 0.00	26.38 0.31 0.00	27.18 0.30 0.00	28.47 0.25 0.00	30.05 0.27 0.00	32.74 0.29 0.00	38.32 0.71 0.00	43.75 1.07 0.00	45.67 1.20 0.00	40.09 1.09 0.00	36.18 0.95 0.05	37.18 0.61 -6.05	33.66 0.27 -6.75	29.66 0.35 -6.07
CASSADAGA_WT_PWR 323784	20.19 -1.95 0.00	19.06 -1.66 0.00	18.04 -1.72 0.00	17.08 -1.59 0.00	18.10 -1.59 0.00	19.77 -1.46 0.00	28.66 -1.57 0.00	31.43 -1.58 0.00	29.87 -2.18 0.00	26.02 -1.87 0.00	24.68 -1.08 0.00	25.08 -0.99 0.00	26.31 -0.57 0.00	27.08 -1.13 0.00	27.85 -1.94 0.00	29.95 -2.50 0.00	34.33 -3.27 0.00	38.56 -4.10 0.02	40.05 -4.40 0.02	35.22 -3.78 0.00	31.54 -3.28 0.46	27.64 -2.87 0.00	24.28 -2.37 0.00	21.49 -1.74 0.00
CE_DUNWOOD___DRP 24194	23.53 1.39 0.00	21.88 1.16 0.00	20.88 1.13 0.00	19.73 1.06 0.00	20.76 1.06 0.00	22.42 1.19 0.00	31.72 1.48 0.00	34.84 1.82 0.00	34.13 2.08 0.00	29.70 1.81 0.00	27.49 1.73 0.00	27.82 1.75 0.00	28.84 1.96 0.00	30.19 1.97 0.00	31.92 2.14 0.00	34.75 2.30 0.00	40.05 2.44 0.00	45.67 2.99 0.00	47.68 3.20 0.00	41.73 2.73 0.00	37.81 2.54 0.00	32.59 2.07 0.00	28.62 1.97 0.00	24.77 1.53 0.00
CE_MILLWOOD___DRP 24193	23.49 1.35 0.00	21.84 1.12 0.00	20.84 1.09 0.00	19.70 1.03 0.00	20.72 1.02 0.00	22.38 1.15 0.00	31.66 1.42 0.00	34.77 1.75 0.00	34.06 2.02 0.00	29.64 1.76 0.00	27.41 1.65 0.00	27.77 1.69 0.00	28.76 1.88 0.00	30.13 1.92 0.00	31.84 2.05 0.00	34.69 2.24 0.00	39.98 2.37 0.00	45.54 2.86 0.00	47.59 3.11 0.00	41.65 2.65 0.00	37.71 2.43 0.00	32.53 2.01 0.00	28.57 1.92 0.00	24.72 1.49 0.00
CE_NYC2_DRP 24202	23.76 1.62 -0.01	22.07 1.35 0.00	21.07 1.30 -0.01	19.91 1.23 -0.01	20.92 1.22 0.00	22.59 1.36 0.00	31.81 1.57 0.00	35.00 1.98 0.00	34.32 2.28 0.00	29.92 2.04 0.00	27.72 1.96 0.00	28.10 2.03 0.00	29.14 2.26 0.00	30.47 2.26 0.00	32.22 2.44 0.00	35.11 2.66 0.00	40.24 2.63 0.00	45.88 3.20 0.00	47.85 3.38 0.00	41.89 2.89 0.00	38.13 2.86 0.00	32.83 2.32 0.00	28.94 2.29 0.00	25.03 1.79 -0.01
CE_NYC_DRP 24195	23.69 1.55 0.00	21.99 1.26 0.00	21.00 1.24 0.00	19.84 1.18 0.00	20.86 1.16 0.00	22.55 1.32 0.00	31.87 1.63 0.00	35.10 2.08 0.00	34.38 2.34 0.00	29.95 2.06 0.00	27.75 1.98 0.00	28.10 2.03 0.00	29.14 2.26 0.00	30.50 2.29 0.00	32.25 2.47 0.00	35.14 2.69 0.00	40.35 2.75 0.00	46.01 3.33 0.00	48.03 3.56 0.00	42.01 3.00 0.00	38.13 2.86 0.00	32.83 2.32 0.00	28.89 2.24 0.00	24.96 1.72 0.00
CHAFFEE___LFGE 323603	20.50 -1.64 0.00	19.38 -1.35 0.00	18.31 -1.44 0.00	17.36 -1.31 0.00	18.38 -1.32 0.00	19.98 -1.25 0.00	28.91 -1.33 0.00	31.63 -1.39 0.00	30.12 -1.92 0.00	26.32 -1.56 0.00	24.99 -0.77 0.00	25.44 -0.63 0.00	26.72 -0.16 0.00	27.42 -0.79 0.00	28.23 -1.55 0.00	30.41 -2.04 0.00	34.90 -2.71 0.00	39.24 -3.42 0.02	40.76 -3.69 0.02	35.88 -3.12 0.00	32.22 -2.65 0.41	28.22 -2.29 0.00	24.84 -1.81 0.00	22.03 -1.21 0.00
CHATEAUG_35_KV_LOAD 355732	-7.95 -0.80 29.29	-8.33 -0.77 28.28	-8.26 -0.73 27.28	-8.46 -0.71 26.42	-8.96 -0.73 27.93	-9.05 -0.72 29.56	29.48 -0.76 0.00	32.19 -0.83 0.00	31.24 -0.80 0.00	27.35 -0.53 0.00	25.22 -0.54 0.00	25.63 -0.44 0.00	26.34 -0.54 0.00	27.53 -0.68 0.00	29.13 -0.66 0.00	31.77 -0.68 0.00	37.15 -0.45 0.00	42.08 -0.60 0.00	43.49 -0.98 0.00	37.99 -1.01 0.00	33.87 -0.99 0.41	-1.97 -0.95 31.53	-9.46 -0.96 35.15	-9.22 -0.81 31.64
CHATEAUG_WT_PWR 323614	-7.05 -0.89 28.30	-7.02 -0.83 26.92	-7.02 -0.79 25.99	-7.02 -0.75 24.94	-7.01 -0.77 25.93	-6.98 -0.76 27.45	29.39 -0.85 0.00	32.13 -0.89 0.00	31.21 -0.83 0.00	27.33 -0.56 0.00	25.22 -0.54 0.00	25.63 -0.44 0.00	26.31 -0.57 0.00	27.53 -0.68 0.00	29.13 -0.66 0.00	31.77 -0.68 0.00	37.12 -0.49 0.00	42.04 -0.64 0.00	43.45 -1.02 0.00	37.87 -1.13 0.00	33.74 -1.09 0.44	0.19 -1.04 29.28	-7.03 -1.04 32.64	-7.03 -0.88 29.38
CHAT_HIGH_FALL_HYD 323578	-7.95 -0.80 29.29	-8.33 -0.77 28.28	-8.26 -0.73 27.28	-8.46 -0.71 26.42	-8.96 -0.73 27.93	-9.05 -0.72 29.56	29.48 -0.76 0.00	32.19 -0.83 0.00	31.24 -0.80 0.00	27.35 -0.53 0.00	25.22 -0.54 0.00	25.63 -0.44 0.00	26.34 -0.54 0.00	27.53 -0.68 0.00	29.13 -0.66 0.00	31.77 -0.68 0.00	37.15 -0.45 0.00	42.08 -0.60 0.00	43.49 -0.98 0.00	37.99 -1.01 0.00	33.87 -0.99 0.41	-1.97 -0.95 31.53	-9.46 -0.96 35.15	-9.22 -0.81 31.64
CHAUTAUQUA___LFGE 323629	20.39 -1.75 0.00	19.25 -1.47 0.00	18.20 -1.56 0.00	17.25 -1.42 0.00	18.26 -1.44 0.00	19.89 -1.34 0.00	28.75 -1.48 0.00	31.50 -1.52 0.00	29.96 -2.08 0.00	26.13 -1.76 0.00	24.81 -0.95 0.00	25.24 -0.84 0.00	26.50 -0.38 0.00	27.22 -0.99 0.00	27.99 -1.79 0.00	30.15 -2.30 0.00	34.63 -2.97 0.00	38.95 -3.71 0.02	40.49 -3.96 0.02	35.61 -3.39 0.00	31.84 -3.00 0.44	28.01 -2.50 0.00	24.62 -2.03 0.00	21.82 -1.42 0.00
CHERRYST_13_KV_LD 356241	23.73 1.59 0.00	22.05 1.33 0.00	21.06 1.30 0.00	19.88 1.21 0.00	20.92 1.22 0.00	22.59 1.36 0.00	31.96 1.72 0.00	35.20 2.18 0.00	34.51 2.47 0.00	30.03 2.15 0.00	27.85 2.09 0.00	28.21 2.14 0.00	29.24 2.37 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.27 2.82 0.00	40.50 2.90 0.00	46.18 3.50 0.00	48.16 3.69 0.00	42.16 3.16 0.00	38.27 3.00 0.00	32.92 2.41 0.00	28.97 2.32 0.00	25.03 1.79 0.00

CHESTROR_138KV_BK263 355645	23.40 1.26 0.00	21.76 1.04 0.00	20.76 1.01 0.00	19.62 0.95 0.00	20.68 0.98 0.00	22.29 1.06 0.00	31.60 1.36 0.00	34.64 1.62 0.00	33.87 1.83 0.00	29.42 1.53 0.00	27.21 1.44 0.00	27.53 1.46 0.00	28.52 1.64 0.00	29.85 1.64 0.00	31.60 1.82 0.00	34.46 2.01 0.00	39.79 2.18 0.00	45.33 2.65 0.00	47.41 2.94 0.00	41.50 2.50 0.00	37.60 2.33 0.00	32.43 1.92 0.00	28.41 1.76 0.00	24.63 1.39 0.00
CH_MIDHUDSON___DRP 24192	23.42 1.28 0.00	21.80 1.08 0.00	20.82 1.07 0.00	19.66 0.99 0.00	20.70 1.00 0.00	22.31 1.08 0.00	31.60 1.36 0.00	34.67 1.65 0.00	33.94 1.89 0.00	29.47 1.59 0.00	27.23 1.47 0.00	27.56 1.49 0.00	28.55 1.67 0.00	29.88 1.66 0.00	31.63 1.85 0.00	34.50 2.04 0.00	39.82 2.22 0.00	45.37 2.69 0.00	47.41 2.94 0.00	41.50 2.50 0.00	37.60 2.33 0.00	32.43 1.92 0.00	28.44 1.79 0.00	24.63 1.39 0.00
CH_MISC_IPPS 23765	23.54 1.40 0.00	21.86 1.14 0.00	20.88 1.13 0.00	19.69 1.03 0.00	20.78 1.08 0.00	22.38 1.15 0.00	31.72 1.48 0.00	34.80 1.78 0.00	34.07 2.02 0.00	29.59 1.70 0.00	27.31 1.55 0.00	27.66 1.59 0.00	28.46 1.59 0.00	29.99 1.78 0.00	31.75 1.97 0.00	34.66 2.21 0.00	40.01 2.41 0.00	45.54 2.86 0.00	47.59 3.11 0.00	41.69 2.69 0.00	37.78 2.50 0.00	32.62 2.10 0.00	28.54 1.89 0.00	24.73 1.49 0.00
CH_RES_BVR_FALLS 23983	6.73 -0.58 14.84	11.00 -0.56 9.17	10.09 -0.51 9.16	12.11 -0.49 6.08	18.26 -0.49 0.95	19.70 -0.53 1.00	29.51 -0.73 0.00	32.26 -0.76 0.00	31.34 -0.71 0.00	27.33 -0.56 0.00	25.27 -0.49 0.00	25.63 -0.44 0.00	26.37 -0.51 0.00	27.67 -0.54 0.00	29.25 -0.54 0.00	31.87 -0.58 0.00	37.00 -0.60 0.00	41.87 -0.81 0.00	43.49 -0.98 0.00	38.03 -0.97 0.00	33.71 -0.88 0.68	28.65 -0.79 1.07	24.74 -0.72 1.19	21.56 -0.60 1.07
CH_RES_NIAGARA 23895	19.77 -2.37 0.00	18.71 -2.01 0.00	17.68 -2.07 0.00	16.71 -1.96 0.00	17.75 -1.95 0.00	19.15 -2.08 0.00	27.76 -2.48 0.00	30.18 -2.84 0.00	28.68 -3.36 0.00	25.12 -2.76 0.00	23.91 -1.85 0.00	24.32 -1.75 0.00	24.67 -2.20 0.00	26.10 -2.12 0.00	26.86 -2.92 0.00	28.91 -3.54 0.00	33.21 -4.40 0.00	37.24 -5.42 0.02	38.76 -5.69 0.02	34.09 -4.91 0.00	30.11 -4.73 0.44	27.03 -3.48 0.00	23.80 -2.85 0.00	21.24 -2.00 0.00
CH_RES_SYRACUSE 23985	21.85 -0.29 0.00	20.48 -0.25 0.00	19.46 -0.30 0.00	18.39 -0.28 0.00	19.42 -0.28 0.00	21.02 -0.21 0.00	30.03 -0.21 0.00	32.79 -0.23 0.00	31.66 -0.38 0.00	27.55 -0.33 0.00	25.46 -0.31 0.00	25.78 -0.29 0.00	26.69 -0.19 0.00	27.90 -0.31 0.00	29.45 -0.33 0.00	32.03 -0.42 0.00	37.12 -0.49 0.00	42.08 -0.60 0.00	43.85 -0.62 0.00	38.49 -0.51 0.00	34.75 -0.53 0.00	30.08 -0.43 0.00	26.25 -0.40 0.00	22.91 -0.33 0.00
CLINTON_WT_PWR 323605	-7.05 -0.89 28.30	-7.02 -0.83 26.92	-7.02 -0.79 25.99	-7.02 -0.75 24.94	-7.01 -0.77 25.93	-6.98 -0.76 27.45	29.39 -0.85 0.00	32.13 -0.89 0.00	31.21 -0.83 0.00	27.33 -0.56 0.00	25.22 -0.54 0.00	25.63 -0.44 0.00	26.31 -0.57 0.00	27.53 -0.68 0.00	29.13 -0.66 0.00	31.77 -0.68 0.00	37.12 -0.49 0.00	42.04 -0.64 0.00	43.45 -1.02 0.00	37.87 -1.13 0.00	33.74 -1.09 0.44	0.19 -1.04 29.28	-7.03 -1.04 32.64	-7.03 -0.88 29.38
CLINTON___LFGE 323618	-7.00 -0.58 28.56	-7.11 -0.56 27.28	-7.12 -0.55 26.33	-7.18 -0.52 25.33	-7.29 -0.53 26.45	-7.26 -0.49 28.00	29.81 -0.42 0.00	32.56 -0.46 0.00	31.60 -0.45 0.00	27.69 -0.19 0.00	25.53 -0.23 0.00	25.94 -0.13 0.00	26.64 -0.24 0.00	27.84 -0.37 0.00	29.45 -0.33 0.00	32.16 -0.29 0.00	37.64 0.04 0.00	42.64 -0.04 0.00	44.07 -0.40 0.00	38.42 -0.58 0.00	34.24 -0.60 0.43	0.00 -0.64 29.87	-7.32 -0.67 33.30	-7.30 -0.56 29.97
COBBLENY_34_KV_TB1 80064	20.50 -1.64 0.00	19.38 -1.35 0.00	18.29 -1.46 0.00	17.31 -1.36 0.00	18.38 -1.32 0.00	19.91 -1.32 0.00	28.91 -1.33 0.00	31.63 -1.39 0.00	30.12 -1.92 0.00	26.32 -1.56 0.00	24.96 -0.80 0.00	25.42 -0.65 0.00	25.86 -1.02 0.00	27.42 -0.79 0.00	28.20 -1.58 0.00	30.37 -2.08 0.00	34.90 -2.71 0.00	39.25 -3.41 0.02	40.89 -3.56 0.02	35.84 -3.16 0.00	32.08 -2.79 0.41	28.22 -2.29 0.00	24.78 -1.87 0.00	22.03 -1.21 0.00
COFFEEN___115KV_TB3 355620	25.08 0.46 -2.47	24.35 0.41 -3.21	23.14 0.34 -3.05	22.40 0.34 -3.39	24.51 0.35 -4.46	26.48 0.53 -4.72	31.44 1.21 0.00	34.57 1.55 0.00	33.17 1.12 0.00	28.66 0.78 0.00	26.28 0.52 0.00	26.59 0.52 0.00	27.34 0.46 0.00	28.69 0.48 0.00	30.26 0.48 0.00	32.97 0.52 0.00	38.62 1.02 0.00	44.09 1.41 0.00	46.03 1.56 0.00	40.41 1.40 0.00	36.47 1.23 0.04	36.43 0.88 -5.03	32.74 0.48 -5.61	28.84 0.56 -5.05
COLDSPRG_115KV_BK1 355956	20.94 -1.20 0.00	19.75 -0.97 0.00	18.67 -1.09 0.00	17.66 -1.01 0.00	18.75 -0.95 0.00	20.42 -0.81 0.00	29.72 -0.51 0.00	32.69 -0.33 0.00	31.08 -0.96 0.00	27.08 -0.81 0.00	25.66 -0.10 0.00	26.10 0.03 0.00	26.64 -0.24 0.00	28.24 0.03 0.00	29.04 -0.74 0.00	31.19 -1.27 0.00	35.84 -1.77 0.00	40.31 -2.35 0.02	42.05 -2.40 0.02	36.78 -2.22 0.00	33.06 -1.73 0.49	28.86 -1.65 0.00	25.26 -1.39 0.00	22.40 -0.84 0.00
COLONIE_LFGE___ 323577	23.25 1.11 0.00	21.74 1.02 0.00	20.70 0.95 0.00	19.56 0.90 0.00	20.62 0.93 0.00	22.19 0.96 0.00	31.48 1.24 0.00	34.47 1.45 0.00	33.58 1.54 0.00	29.14 1.26 0.00	26.85 1.08 0.00	27.04 0.97 0.00	27.71 0.83 0.00	29.23 1.01 0.00	30.94 1.16 0.00	33.81 1.36 0.00	39.22 1.62 0.00	47.17 2.01 -2.49	47.97 2.18 -1.32	40.89 1.87 -0.02	38.26 1.73 -1.26	34.96 1.46 -2.99	28.85 1.31 -0.89	24.54 1.12 -0.19
COOPERNY_115KV_TB1 80082	22.87 0.73 0.00	21.34 0.62 0.00	20.37 0.61 0.00	19.25 0.58 0.00	20.27 0.57 0.00	21.87 0.64 0.00	31.05 0.82 0.00	34.01 0.99 0.00	33.17 1.12 0.00	28.83 0.95 0.00	26.67 0.90 0.00	26.98 0.91 0.00	27.90 1.02 0.00	29.26 1.04 0.00	30.91 1.13 0.00	33.65 1.20 0.00	38.92 1.32 0.00	44.26 1.58 0.00	46.16 1.69 0.00	40.45 1.44 0.00	36.61 1.34 0.00	31.61 1.10 0.00	27.66 1.01 0.00	24.05 0.81 0.00
COPENHAGEN_WT_PWR 323753	24.73 0.24 -2.34	23.99 0.23 -3.04	22.80 0.16 -2.88	22.05 0.17 -3.21	24.09 0.18 -4.22	26.01 0.32 -4.46	31.08 0.85 0.00	34.14 1.12 0.00	32.78 0.74 0.00	28.39 0.50 0.00	26.05 0.28 0.00	26.36 0.29 0.00	27.18 0.30 0.00	28.44 0.22 0.00	29.99 0.21 0.00	32.71 0.26 0.00	38.21 0.60 0.00	43.53 0.85 0.00	45.45 0.98 0.00	39.94 0.93 0.00	36.05 0.81 0.04	35.79 0.52 -4.76	32.17 0.21 -5.31	28.31 0.30 -4.78
CORNELL_____ 23752	22.27 0.13 0.00	20.83 0.10 0.00	19.80 0.04 0.00	18.72 0.06 0.00	19.78 0.08 0.00	21.44 0.21 0.00	30.78 0.54 0.00	33.75 0.73 0.00	32.46 0.42 0.00	28.19 0.31 0.00	26.02 0.26 0.00	26.36 0.29 0.00	27.15 0.27 0.00	28.52 0.31 0.00	30.08 0.30 0.00	32.68 0.23 0.00	38.02 0.41 0.00	43.31 0.51 -0.12	45.12 0.53 -0.11	39.47 0.47 0.00	38.46 0.42 -2.77	30.82 0.31 0.00	26.86 0.21 0.00	23.45 0.21 0.00

CORONA_69_KV_TB1 355595	23.89 1.75 0.00	22.09 1.37 0.00	21.02 1.26 0.00	19.86 1.19 0.00	20.86 1.16 0.00	22.67 1.44 0.00	31.96 1.72 0.00	34.64 1.62 0.00	34.26 2.21 0.00	30.03 2.15 0.00	27.88 2.11 0.00	28.29 2.22 0.00	29.30 2.42 0.00	30.64 2.43 0.00	32.10 2.32 0.00	34.62 2.17 0.00	39.86 2.26 0.01	45.41 2.73 0.00	47.54 3.07 0.00	41.73 2.73 0.00	37.78 2.50 0.00	33.01 2.50 0.00	29.20 2.53 -0.02	25.30 2.04 -0.02
CORTLAND_115KV_TB3 80093	22.14 0.00 0.00	20.72 0.00 0.00	19.72 -0.04 0.00	18.63 -0.04 0.00	19.68 -0.02 0.00	21.29 0.06 0.00	30.51 0.27 0.00	33.38 0.36 0.00	32.21 0.16 0.00	27.97 0.08 0.00	25.87 0.10 0.00	26.20 0.13 0.00	26.99 0.11 0.00	28.35 0.14 0.00	29.87 0.09 0.00	32.48 0.03 0.00	37.68 0.08 0.00	42.84 0.13 -0.03	44.64 0.13 -0.03	39.12 0.12 0.00	36.15 0.11 -0.77	30.57 0.06 0.00	26.65 0.00 0.00	23.28 0.05 0.00
COXSACKIE___GT 23611	23.38 1.24 0.00	21.95 1.22 0.00	20.90 1.15 0.00	19.73 1.06 0.00	20.88 1.18 0.00	22.23 1.00 0.00	31.72 1.48 0.00	34.31 1.29 0.00	33.26 1.22 0.00	28.55 0.67 0.00	26.17 0.41 0.00	26.30 0.23 0.00	27.23 0.35 0.00	28.64 0.42 0.00	30.47 0.69 0.00	33.55 1.10 0.00	39.22 1.62 0.00	42.62 2.47 2.54	46.02 2.89 1.35	41.44 2.46 0.02	36.39 2.40 1.28	29.48 2.01 3.05	27.31 1.57 0.91	24.32 1.28 0.20
CPV_VALLEY___CC1 323721	23.11 0.97 0.00	21.51 0.79 0.00	20.53 0.77 0.00	19.40 0.73 0.00	20.43 0.73 0.00	22.04 0.81 0.00	31.23 1.00 0.00	34.27 1.25 0.00	33.45 1.41 0.00	29.11 1.23 0.00	26.90 1.13 0.00	27.25 1.17 0.00	28.06 1.18 0.00	29.57 1.35 0.00	31.21 1.43 0.00	34.01 1.56 0.00	39.26 1.65 0.00	44.69 2.01 0.00	46.65 2.18 0.00	40.87 1.87 0.00	37.00 1.73 0.00	31.95 1.43 0.00	28.01 1.36 0.00	24.31 1.07 0.00
CPV_VALLEY___CC2 323722	23.11 0.97 0.00	21.51 0.79 0.00	20.53 0.77 0.00	19.40 0.73 0.00	20.43 0.73 0.00	22.04 0.81 0.00	31.23 1.00 0.00	34.27 1.25 0.00	33.45 1.41 0.00	29.11 1.23 0.00	26.90 1.13 0.00	27.25 1.17 0.00	28.06 1.18 0.00	29.57 1.35 0.00	31.21 1.43 0.00	34.01 1.56 0.00	39.26 1.65 0.00	44.69 2.01 0.00	46.65 2.18 0.00	40.87 1.87 0.00	37.00 1.73 0.00	31.95 1.43 0.00	28.01 1.36 0.00	24.31 1.07 0.00
CRESCENT___HYD 24018	23.25 1.11 0.00	21.74 1.02 0.00	20.70 0.95 0.00	19.56 0.90 0.00	20.62 0.93 0.00	22.19 0.96 0.00	31.48 1.24 0.00	34.47 1.45 0.00	33.58 1.54 0.00	29.14 1.26 0.00	26.85 1.08 0.00	27.04 0.97 0.00	27.71 0.83 0.00	29.23 1.01 0.00	30.94 1.16 0.00	33.81 1.36 0.00	39.22 1.62 0.00	47.17 2.01 -2.49	47.97 2.18 -1.32	40.89 1.87 -0.02	38.26 1.73 -1.26	34.96 1.46 -2.99	28.85 1.31 -0.89	24.54 1.12 -0.19
CRICKET___VALLEY_CC1 323756	23.29 1.15 0.00	21.70 0.97 0.00	20.72 0.97 0.00	19.56 0.90 0.00	20.60 0.91 0.00	22.19 0.96 0.00	31.38 1.15 0.00	34.44 1.42 0.00	33.65 1.60 0.00	29.28 1.39 0.00	27.03 1.26 0.00	27.30 1.23 0.00	28.03 1.15 0.00	29.59 1.38 0.00	31.33 1.55 0.00	34.14 1.69 0.00	39.49 1.88 0.00	45.21 2.26 -0.27	47.06 2.44 -0.14	41.11 2.10 0.00	37.35 1.94 -0.14	32.46 1.62 -0.33	28.27 1.52 -0.10	24.47 1.21 -0.02
CRICKET___VALLEY_CC2 323757	23.29 1.15 0.00	21.70 0.97 0.00	20.72 0.97 0.00	19.56 0.90 0.00	20.60 0.91 0.00	22.19 0.96 0.00	31.38 1.15 0.00	34.44 1.42 0.00	33.65 1.60 0.00	29.28 1.39 0.00	27.03 1.26 0.00	27.30 1.23 0.00	28.03 1.15 0.00	29.59 1.38 0.00	31.33 1.55 0.00	34.14 1.69 0.00	39.49 1.88 0.00	45.21 2.26 -0.27	47.06 2.44 -0.14	41.11 2.10 0.00	37.35 1.94 -0.14	32.46 1.62 -0.33	28.27 1.52 -0.10	24.47 1.21 -0.02
CRICKET___VALLEY_CC3 323758	23.29 1.15 0.00	21.70 0.97 0.00	20.72 0.97 0.00	19.56 0.90 0.00	20.60 0.91 0.00	22.19 0.96 0.00	31.38 1.15 0.00	34.44 1.42 0.00	33.65 1.60 0.00	29.28 1.39 0.00	27.03 1.26 0.00	27.30 1.23 0.00	28.03 1.15 0.00	29.59 1.38 0.00	31.33 1.55 0.00	34.14 1.69 0.00	39.49 1.88 0.00	45.21 2.26 -0.27	47.06 2.44 -0.14	41.11 2.10 0.00	37.35 1.94 -0.14	32.46 1.62 -0.33	28.27 1.52 -0.10	24.47 1.21 -0.02
CRUCIBLE_METL_DRP 24180	21.85 -0.29 0.00	20.47 -0.25 0.00	19.46 -0.30 0.00	18.39 -0.28 0.00	19.42 -0.28 0.00	21.02 -0.21 0.00	30.02 -0.21 0.00	32.79 -0.23 0.00	31.66 -0.38 0.00	27.55 -0.33 0.00	25.45 -0.31 0.00	25.78 -0.29 0.00	26.56 -0.32 0.00	27.90 -0.31 0.00	29.45 -0.33 0.00	32.03 -0.42 0.00	37.12 -0.49 0.00	42.08 -0.60 0.00	43.85 -0.62 0.00	38.46 -0.55 0.00	34.74 -0.53 0.00	30.08 -0.43 0.00	26.25 -0.40 0.00	22.91 -0.33 0.00
DAHOWA___HYDRO 323763	23.65 1.51 0.00	22.11 1.39 0.00	20.98 1.23 0.00	19.83 1.16 0.00	20.94 1.24 0.00	22.53 1.30 0.00	31.81 1.57 0.00	34.73 1.72 0.00	33.81 1.76 0.00	29.25 1.37 0.00	26.95 1.19 0.00	27.11 1.04 0.00	27.79 0.91 0.00	29.28 1.07 0.00	30.97 1.19 0.00	33.94 1.49 0.00	39.37 1.77 0.00	46.74 2.35 -1.71	47.91 2.53 -0.91	41.28 2.26 -0.01	38.22 2.08 -0.86	34.31 1.74 -2.06	28.81 1.55 -0.61	24.88 1.51 -0.13
DANC___LFGE 323619	23.73 -0.04 -1.63	22.78 -0.04 -2.10	21.67 -0.08 -1.99	20.82 -0.06 -2.21	22.53 -0.06 -2.89	24.31 0.02 -3.06	30.51 0.27 0.00	33.45 0.43 0.00	32.17 0.13 0.00	27.91 0.03 0.00	25.71 -0.05 0.00	26.02 -0.05 0.00	26.88 0.00 0.00	28.13 -0.08 0.00	29.66 -0.12 0.00	32.29 -0.16 0.00	37.61 0.00 0.00	42.77 0.09 0.00	44.61 0.13 0.00	39.20 0.20 0.00	35.36 0.11 0.02	33.81 0.03 -3.27	30.18 -0.11 -3.64	26.49 -0.02 -3.28
DANSKAMMER___1 23586	23.54 1.40 0.00	21.86 1.14 0.00	20.88 1.13 0.00	19.69 1.03 0.00	20.78 1.08 0.00	22.38 1.15 0.00	31.72 1.48 0.00	34.80 1.78 0.00	34.07 2.02 0.00	29.59 1.70 0.00	27.31 1.55 0.00	27.66 1.59 0.00	28.46 1.59 0.00	29.99 1.78 0.00	31.75 1.97 0.00	34.66 2.21 0.00	40.01 2.41 0.00	45.54 2.86 0.00	47.59 3.11 0.00	41.69 2.69 0.00	37.78 2.50 0.00	32.62 2.10 0.00	28.54 1.89 0.00	24.73 1.49 0.00
DANSKAMMER___2 23589	23.54 1.40 0.00	21.86 1.14 0.00	20.88 1.13 0.00	19.69 1.03 0.00	20.78 1.08 0.00	22.38 1.15 0.00	31.72 1.48 0.00	34.80 1.78 0.00	34.07 2.02 0.00	29.59 1.70 0.00	27.31 1.55 0.00	27.66 1.59 0.00	28.46 1.59 0.00	29.99 1.78 0.00	31.75 1.97 0.00	34.66 2.21 0.00	40.01 2.41 0.00	45.54 2.86 0.00	47.59 3.11 0.00	41.69 2.69 0.00	37.78 2.50 0.00	32.62 2.10 0.00	28.54 1.89 0.00	24.73 1.49 0.00
DANSKAMMER___3 23590	23.54 1.40 0.00	21.86 1.14 0.00	20.88 1.13 0.00	19.69 1.03 0.00	20.78 1.08 0.00	22.38 1.15 0.00	31.72 1.48 0.00	34.80 1.78 0.00	34.07 2.02 0.00	29.59 1.70 0.00	27.31 1.55 0.00	27.66 1.59 0.00	28.46 1.59 0.00	29.99 1.78 0.00	31.75 1.97 0.00	34.66 2.21 0.00	40.01 2.41 0.00	45.54 2.86 0.00	47.59 3.11 0.00	41.69 2.69 0.00	37.78 2.50 0.00	32.62 2.10 0.00	28.54 1.89 0.00	24.73 1.49 0.00

DANSKAMMER___4 23591	23.54 1.40 0.00	21.86 1.14 0.00	20.88 1.13 0.00	19.69 1.03 0.00	20.78 1.08 0.00	22.38 1.15 0.00	31.72 1.48 0.00	34.80 1.78 0.00	34.07 2.02 0.00	29.59 1.70 0.00	27.31 1.55 0.00	27.66 1.59 0.00	28.46 1.59 0.00	29.99 1.78 0.00	31.75 1.97 0.00	34.66 2.21 0.00	40.01 2.41 0.00	45.54 2.86 0.00	47.59 3.11 0.00	41.69 2.69 0.00	37.78 2.50 0.00	32.62 2.10 0.00	28.54 1.89 0.00	24.73 1.49 0.00
DANSKAMMER___DIESEL 23592	23.53 1.39 0.00	21.86 1.14 0.00	20.88 1.13 0.00	19.71 1.05 0.00	20.78 1.08 0.00	22.40 1.17 0.00	31.72 1.48 0.00	34.80 1.78 0.00	34.06 2.02 0.00	29.58 1.70 0.00	27.33 1.57 0.00	27.66 1.59 0.00	28.65 1.77 0.00	29.96 1.75 0.00	31.75 1.97 0.00	34.66 2.21 0.00	40.01 2.41 0.00	45.58 2.90 0.00	47.63 3.16 0.00	41.69 2.69 0.00	37.81 2.54 0.00	32.62 2.11 0.00	28.57 1.92 0.00	24.72 1.49 0.00
DARBY___SOLAR 323810	23.56 1.42 0.00	22.01 1.29 0.00	20.92 1.17 0.00	19.77 1.10 0.00	20.86 1.16 0.00	22.44 1.21 0.00	31.72 1.48 0.00	34.67 1.65 0.00	33.74 1.70 0.00	29.19 1.31 0.00	26.92 1.16 0.00	27.09 1.02 0.00	27.79 0.91 0.00	29.28 1.07 0.00	30.97 1.19 0.00	33.94 1.49 0.00	39.34 1.73 0.00	46.75 2.26 -1.81	47.88 2.44 -0.96	41.16 2.14 -0.01	38.16 1.97 -0.91	34.33 1.65 -2.17	28.76 1.46 -0.65	24.79 1.42 -0.14
DASHVILLE___HYD 23610	23.22 1.08 0.00	21.57 0.85 0.00	20.61 0.85 0.00	19.45 0.78 0.00	20.52 0.83 0.00	22.10 0.87 0.00	31.26 1.03 0.00	34.37 1.35 0.00	33.65 1.60 0.00	29.22 1.34 0.00	27.03 1.26 0.00	27.37 1.30 0.00	28.33 1.45 0.00	29.62 1.41 0.00	31.39 1.61 0.00	34.20 1.75 0.00	39.49 1.88 0.00	44.69 2.65 0.64	47.07 2.94 0.34	41.45 2.46 0.00	37.28 2.33 0.32	31.67 1.92 0.76	28.21 1.79 0.23	24.56 1.37 0.05
DEERFIELD_69_KV_DEERFIELD LD 355887	24.29 2.15 0.00	22.40 1.68 0.00	21.26 1.50 0.00	20.09 1.42 0.00	21.06 1.36 0.00	23.04 1.80 0.00	32.20 1.97 0.00	34.80 1.78 0.00	34.61 2.56 0.00	30.39 2.51 0.00	28.00 2.24 0.00	28.44 2.37 0.00	29.49 2.61 0.00	30.86 2.65 0.00	32.28 2.50 0.00	34.66 2.21 0.00	40.01 2.41 0.01	45.63 2.95 0.00	47.68 3.20 0.00	42.24 3.24 0.00	38.03 2.75 0.00	33.47 2.96 0.00	29.54 2.88 -0.01	25.85 2.60 -0.01
DELAWARE___LFGE 323621	22.69 0.55 0.00	21.20 0.48 0.00	20.23 0.47 0.00	19.12 0.45 0.00	20.17 0.47 0.00	21.74 0.51 0.00	31.02 0.79 0.00	33.98 0.96 0.00	32.97 0.93 0.00	28.64 0.75 0.00	26.46 0.70 0.00	26.83 0.76 0.00	27.66 0.78 0.00	29.06 0.85 0.00	30.67 0.89 0.00	33.39 0.94 0.00	38.70 1.09 0.00	43.92 1.24 0.00	45.76 1.29 0.00	40.09 1.09 0.00	36.30 1.02 0.00	31.34 0.82 0.00	27.37 0.72 0.00	23.86 0.63 0.00
DERFIELD_115KV_TB7 355931	22.79 0.11 -0.54	21.15 0.10 -0.32	20.17 0.10 -0.32	18.98 0.11 -0.20	19.80 0.10 0.00	21.34 0.11 0.00	30.33 0.09 0.00	33.15 0.13 0.00	32.21 0.16 0.00	28.00 0.11 0.00	25.87 0.10 0.00	26.18 0.10 0.00	26.99 0.11 0.00	28.35 0.14 0.00	29.93 0.15 0.00	32.61 0.16 0.00	37.79 0.19 0.00	42.85 0.17 0.00	44.70 0.22 0.00	39.16 0.16 0.00	35.48 0.18 -0.03	30.66 0.15 0.00	26.78 0.13 0.00	23.35 0.12 0.00
DOGLEVILLE___HYD 23807	23.03 0.35 -0.54	21.39 0.35 -0.32	20.43 0.36 -0.32	19.21 0.34 -0.20	20.07 0.37 0.00	21.66 0.42 0.00	30.81 0.57 0.00	33.71 0.69 0.00	32.72 0.67 0.00	28.44 0.56 0.00	26.33 0.57 0.00	26.70 0.62 0.00	27.52 0.64 0.00	28.89 0.68 0.00	30.47 0.69 0.00	33.16 0.71 0.00	38.36 0.75 0.00	43.45 0.77 0.00	45.14 0.67 0.00	39.51 0.51 0.00	35.76 0.46 -0.03	30.85 0.34 0.00	26.89 0.24 0.00	23.47 0.23 0.00
DUNKIRK___115KV_TB_200 55889	20.41 -1.73 0.00	19.27 -1.45 0.00	18.22 -1.54 0.00	17.23 -1.44 0.00	18.30 -1.40 0.00	19.83 -1.40 0.00	28.78 -1.45 0.00	31.50 -1.52 0.00	29.96 -2.08 0.00	26.16 -1.73 0.00	24.81 -0.95 0.00	25.24 -0.83 0.00	25.72 -1.16 0.00	27.22 -0.99 0.00	28.02 -1.76 0.00	30.15 -2.30 0.00	34.67 -2.93 0.00	38.99 -3.67 0.02	40.63 -3.82 0.02	35.65 -3.35 0.00	31.77 -3.07 0.43	28.04 -2.47 0.00	24.62 -2.03 0.00	21.87 -1.37 0.00
DUNKIRK___1 23563	20.41 -1.73 0.00	19.27 -1.45 0.00	18.22 -1.54 0.00	17.23 -1.44 0.00	18.30 -1.40 0.00	19.83 -1.40 0.00	28.78 -1.45 0.00	31.50 -1.52 0.00	29.96 -2.08 0.00	26.16 -1.73 0.00	24.81 -0.95 0.00	25.24 -0.83 0.00	25.72 -1.16 0.00	27.22 -0.99 0.00	28.02 -1.76 0.00	30.15 -2.30 0.00	34.67 -2.93 0.00	38.99 -3.67 0.02	40.63 -3.82 0.02	35.65 -3.35 0.00	31.77 -3.07 0.43	28.04 -2.47 0.00	24.62 -2.03 0.00	21.87 -1.37 0.00
DUNKIRK___2 23564	20.41 -1.73 0.00	19.27 -1.45 0.00	18.22 -1.54 0.00	17.23 -1.44 0.00	18.30 -1.40 0.00	19.83 -1.40 0.00	28.78 -1.45 0.00	31.50 -1.52 0.00	29.96 -2.08 0.00	26.16 -1.73 0.00	24.81 -0.95 0.00	25.24 -0.83 0.00	25.72 -1.16 0.00	27.22 -0.99 0.00	28.02 -1.76 0.00	30.15 -2.30 0.00	34.67 -2.93 0.00	38.99 -3.67 0.02	40.63 -3.82 0.02	35.65 -3.35 0.00	31.77 -3.07 0.43	28.04 -2.47 0.00	24.62 -2.03 0.00	21.87 -1.37 0.00
DUNKIRK___3 23565	20.46 -1.68 0.00	19.31 -1.41 0.00	18.25 -1.50 0.00	17.29 -1.38 0.00	18.34 -1.36 0.00	19.87 -1.36 0.00	28.84 -1.39 0.00	31.57 -1.45 0.00	30.03 -2.02 0.00	26.21 -1.67 0.00	24.84 -0.93 0.00	25.26 -0.81 0.00	25.75 -1.13 0.00	27.25 -0.96 0.00	28.05 -1.73 0.00	30.21 -2.24 0.00	34.75 -2.86 0.00	39.07 -3.59 0.02	40.76 -3.69 0.02	35.77 -3.24 0.00	31.89 -2.96 0.42	28.13 -2.38 0.00	24.68 -1.97 0.00	21.91 -1.32 0.00
DUNKIRK___4 23566	20.46 -1.68 0.00	19.31 -1.41 0.00	18.25 -1.50 0.00	17.29 -1.38 0.00	18.34 -1.36 0.00	19.87 -1.36 0.00	28.84 -1.39 0.00	31.57 -1.45 0.00	30.03 -2.02 0.00	26.21 -1.67 0.00	24.84 -0.93 0.00	25.26 -0.81 0.00	25.75 -1.13 0.00	27.25 -0.96 0.00	28.05 -1.73 0.00	30.21 -2.24 0.00	34.75 -2.86 0.00	39.07 -3.59 0.02	40.76 -3.69 0.02	35.77 -3.24 0.00	31.89 -2.96 0.42	28.13 -2.38 0.00	24.68 -1.97 0.00	21.91 -1.32 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.58 1.44 0.00	21.90 1.18 0.00	20.90 1.15 0.00	19.75 1.08 0.00	20.78 1.08 0.00	22.44 1.21 0.00	31.75 1.51 0.00	34.90 1.88 0.00	34.19 2.15 0.00	29.75 1.87 0.00	27.54 1.78 0.00	27.90 1.82 0.00	28.89 2.02 0.00	30.27 2.06 0.00	31.98 2.20 0.00	34.85 2.40 0.00	40.13 2.52 0.00	45.75 3.07 0.00	47.76 3.29 0.00	41.81 2.81 0.00	37.88 2.61 0.00	32.68 2.17 0.00	28.70 2.05 0.00	24.84 1.60 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	23.42 1.28 0.00	21.78 1.06 0.00	20.78 1.03 0.00	19.64 0.97 0.00	20.70 1.00 0.00	22.31 1.08 0.00	31.60 1.36 0.00	34.67 1.65 0.00	33.94 1.89 0.00	29.47 1.59 0.00	27.23 1.47 0.00	27.58 1.51 0.00	28.57 1.69 0.00	29.88 1.66 0.00	31.66 1.88 0.00	34.50 2.04 0.00	39.86 2.26 0.00	45.41 2.73 0.00	47.45 2.98 0.00	41.54 2.54 0.00	37.64 2.36 0.00	32.46 1.95 0.00	28.46 1.81 0.00	24.65 1.42 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	23.83 1.68 -0.01	22.15 1.43 0.00	21.15 1.38 -0.01	19.96 1.29 -0.01	20.98 1.28 0.00	22.61 1.38 0.00	31.72 1.48 0.00	34.87 1.85 0.00	34.19 2.15 0.00	29.78 1.90 0.00	27.62 1.85 0.00	27.97 1.90 0.00	29.03 2.15 0.00	30.36 2.14 0.00	32.10 2.32 0.00	34.98 2.53 0.00	40.09 2.48 0.00	45.71 3.03 0.00	47.63 3.16 0.00	41.73 2.73 0.00	37.99 2.72 0.00	32.74 2.23 0.00	28.94 2.29 0.00	25.10 1.86 -0.01
E179THST_13_KV_LOAD 356214	23.92 1.77 -0.01	22.22 1.49 0.00	21.21 1.44 -0.01	20.04 1.36 -0.01	21.04 1.34 0.00	22.70 1.46 0.00	31.84 1.60 0.00	35.00 1.98 0.00	34.32 2.28 0.00	29.92 2.04 0.00	27.75 1.98 0.00	28.10 2.03 0.00	29.16 2.28 0.00	30.50 2.29 0.00	32.25 2.47 0.00	35.14 2.69 0.00	40.28 2.67 0.00	45.93 3.24 0.00	47.90 3.42 0.00	41.93 2.93 0.00	38.17 2.89 0.00	32.89 2.38 0.00	29.07 2.43 0.00	25.20 1.95 -0.01
EAST HAMPTON___GT 23717	24.09 1.95 0.00	22.19 1.47 0.00	21.06 1.30 0.00	19.83 1.16 0.00	20.86 1.16 0.00	22.76 1.53 0.00	31.96 1.72 0.00	34.51 1.49 0.00	34.32 2.28 0.00	30.20 2.31 0.00	27.62 1.86 0.00	28.08 2.01 0.00	28.90 2.02 0.00	30.50 2.28 0.00	31.81 2.03 0.00	34.23 1.78 0.00	39.55 1.95 0.01	45.16 2.47 0.00	46.92 2.44 0.00	41.58 2.57 0.00	37.35 2.08 0.00	32.98 2.47 0.00	29.11 2.45 -0.01	25.66 2.42 -0.01
EAST RIVER___6 23660	23.71 1.57 0.00	22.01 1.29 0.00	21.02 1.27 0.00	19.85 1.18 0.00	20.88 1.18 0.00	22.53 1.30 0.00	31.93 1.69 0.00	35.20 2.18 0.00	34.51 2.47 0.00	30.06 2.18 0.00	27.83 2.06 0.00	28.21 2.14 0.00	29.00 2.12 0.00	30.64 2.43 0.00	32.37 2.59 0.00	35.27 2.82 0.00	40.54 2.94 0.00	46.22 3.54 0.00	48.16 3.69 0.00	42.16 3.16 0.00	38.24 2.96 0.00	32.92 2.41 0.00	28.94 2.29 0.00	25.00 1.77 0.00
EAST RIVER___7 23524	23.71 1.57 0.00	22.01 1.29 0.00	21.02 1.27 0.00	19.85 1.18 0.00	20.88 1.18 0.00	22.53 1.30 0.00	31.93 1.69 0.00	35.20 2.18 0.00	34.51 2.47 0.00	30.06 2.18 0.00	27.83 2.06 0.00	28.21 2.14 0.00	29.00 2.12 0.00	30.64 2.43 0.00	32.37 2.59 0.00	35.27 2.82 0.00	40.54 2.94 0.00	46.22 3.54 0.00	48.16 3.69 0.00	42.16 3.16 0.00	38.24 2.96 0.00	32.92 2.41 0.00	28.94 2.29 0.00	25.00 1.77 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.53 1.39 0.00	21.88 1.16 0.00	20.88 1.13 0.00	19.73 1.06 0.00	20.76 1.06 0.00	22.42 1.19 0.00	31.72 1.48 0.00	34.84 1.82 0.00	34.13 2.08 0.00	29.70 1.81 0.00	27.49 1.73 0.00	27.82 1.75 0.00	28.84 1.96 0.00	30.19 1.97 0.00	31.92 2.14 0.00	34.75 2.30 0.00	40.05 2.44 0.00	45.67 2.99 0.00	47.68 3.20 0.00	41.73 2.73 0.00	37.81 2.54 0.00	32.59 2.07 0.00	28.62 1.97 0.00	24.77 1.53 0.00
EAST_HAMPTON___DIESEL 23722	24.04 1.90 0.00	22.15 1.43 0.00	21.00 1.25 0.00	19.79 1.12 0.00	20.82 1.12 0.00	22.72 1.49 0.00	31.90 1.66 0.00	34.44 1.42 0.00	34.25 2.21 0.00	30.14 2.26 0.00	27.57 1.80 0.00	28.00 1.93 0.00	28.82 1.94 0.00	30.44 2.23 0.00	31.72 1.93 0.00	34.14 1.69 0.00	39.44 1.84 0.01	45.03 2.35 0.00	46.78 2.31 0.00	41.46 2.46 0.00	37.25 1.97 0.00	32.89 2.38 0.00	29.03 2.37 -0.01	25.62 2.37 -0.01
EAST_POINT___SOLAR 323840	23.80 1.66 0.00	22.22 1.49 0.00	21.04 1.28 0.00	19.90 1.23 0.00	21.04 1.34 0.00	22.74 1.51 0.00	32.60 2.36 0.00	35.53 2.51 0.00	34.03 1.99 0.00	29.00 1.12 0.00	26.20 0.44 0.00	26.15 0.08 0.00	26.88 0.00 0.00	28.52 0.31 0.00	30.49 0.71 0.00	34.79 2.34 0.00	40.28 2.67 0.00	47.00 3.46 -0.86	48.67 3.74 -0.46	42.32 3.31 -0.01	38.85 3.14 -0.43	34.14 2.59 -1.03	29.09 2.13 -0.31	25.02 1.72 -0.07
EAST_PULASKI___ESR 323781	22.76 -0.29 -0.91	21.63 -0.25 -1.15	20.57 -0.28 -1.09	19.61 -0.26 -1.20	20.98 -0.28 -1.56	22.65 -0.23 -1.65	30.03 -0.21 0.00	32.82 -0.20 0.00	31.66 -0.38 0.00	27.52 -0.36 0.00	25.43 -0.34 0.00	25.73 -0.34 0.00	26.58 -0.30 0.00	27.82 -0.39 0.00	29.33 -0.45 0.00	31.93 -0.52 0.00	37.08 -0.53 0.00	42.08 -0.60 0.00	43.89 -0.58 0.00	38.54 -0.47 0.00	34.80 -0.46 0.01	31.85 -0.43 -1.76	28.21 -0.40 -1.96	24.68 -0.33 -1.77
EAST_RIVER___1 323558	23.69 1.55 0.00	21.99 1.26 0.00	21.00 1.25 0.00	19.83 1.16 0.00	20.86 1.16 0.00	22.50 1.27 0.00	31.87 1.63 0.00	35.10 2.08 0.00	34.38 2.34 0.00	29.95 2.06 0.00	27.72 1.96 0.00	28.11 2.03 0.00	28.90 2.02 0.00	30.50 2.28 0.00	32.22 2.44 0.00	35.11 2.66 0.00	40.35 2.74 0.00	46.01 3.33 0.00	47.99 3.51 0.00	42.01 3.00 0.00	38.10 2.82 0.00	32.83 2.32 0.00	28.86 2.21 0.00	24.96 1.72 0.00
EAST_RIVER___2 323559	23.71 1.57 0.00	22.01 1.29 0.00	21.02 1.27 0.00	19.85 1.18 0.00	20.88 1.18 0.00	22.53 1.30 0.00	31.93 1.69 0.00	35.20 2.18 0.00	34.51 2.47 0.00	30.06 2.18 0.00	27.83 2.06 0.00	28.21 2.14 0.00	29.00 2.12 0.00	30.64 2.43 0.00	32.37 2.59 0.00	35.27 2.82 0.00	40.54 2.94 0.00	46.22 3.54 0.00	48.16 3.69 0.00	42.16 3.16 0.00	38.24 2.96 0.00	32.92 2.41 0.00	28.94 2.29 0.00	25.00 1.77 0.00
EAST___DELAWARE_HYD 23607	23.42 1.28 0.00	21.76 1.04 0.00	20.78 1.03 0.00	19.60 0.93 0.00	20.70 1.00 0.00	22.29 1.06 0.00	31.69 1.45 0.00	34.77 1.75 0.00	33.94 1.89 0.00	29.44 1.56 0.00	27.18 1.42 0.00	27.56 1.49 0.00	28.36 1.48 0.00	29.85 1.64 0.00	31.57 1.79 0.00	34.46 2.01 0.00	39.86 2.26 0.00	45.42 2.73 0.00	47.41 2.93 0.00	41.54 2.53 0.00	37.67 2.40 0.00	32.49 1.98 0.00	28.41 1.76 0.00	24.63 1.39 0.00
EIGHT_POINT___WT_PWR 323820	20.72 -1.42 0.00	19.48 -1.24 0.00	18.47 -1.28 0.00	17.49 -1.18 0.00	18.53 -1.16 0.00	20.17 -1.06 0.00	29.06 -1.18 0.00	31.90 -1.12 0.00	30.60 -1.44 0.00	26.74 -1.14 0.00	25.09 -0.67 0.00	25.52 -0.55 0.00	26.69 -0.19 0.00	27.56 -0.65 0.00	28.65 -1.13 0.00	30.83 -1.62 0.00	35.50 -2.11 0.00	40.03 -2.60 0.05	41.54 -2.89 0.05	36.62 -2.38 0.00	31.90 -2.26 1.11	28.47 -2.04 0.00	24.73 -1.92 0.00	21.70 -1.53 0.00
ELBRIDGE_115KV_TB2 80188	21.70 -0.44 0.00	20.35 -0.37 0.00	19.34 -0.41 0.00	18.28 -0.39 0.00	19.30 -0.39 0.00	20.87 -0.36 0.00	29.84 -0.39 0.00	32.59 -0.43 0.00	31.44 -0.61 0.00	27.35 -0.53 0.00	25.30 -0.46 0.00	25.63 -0.44 0.00	26.40 -0.48 0.00	27.73 -0.48 0.00	29.24 -0.54 0.00	31.80 -0.65 0.00	36.82 -0.79 0.00	41.79 -0.90 0.00	43.54 -0.93 0.00	38.22 -0.78 0.00	34.50 -0.78 0.00	29.87 -0.64 0.00	26.09 -0.56 0.00	22.77 -0.46 0.00
ELEC_TRO_TEK 24086	23.78 1.64 0.00	22.01 1.28 0.00	20.94 1.19 0.00	19.79 1.12 0.00	20.78 1.08 0.00	22.59 1.36 0.00	31.84 1.60 0.00	34.50 1.49 0.00	34.13 2.08 0.00	29.92 2.04 0.00	27.75 1.98 0.00	28.16 2.09 0.00	29.16 2.28 0.00	30.47 2.26 0.00	31.95 2.17 0.00	34.46 2.01 0.00	39.71 2.11 0.01	45.24 2.56 0.00	47.32 2.85 0.00	41.58 2.57 0.00	37.60 2.33 0.00	32.83 2.32 0.00	29.06 2.40 -0.02	25.18 1.93 -0.02

ELLENBURG_WT_PWR 323604	-7.05 -0.89 28.30	-7.02 -0.83 26.92	-7.02 -0.79 25.99	-7.02 -0.75 24.94	-7.01 -0.77 25.93	-6.98 -0.76 27.45	29.39 -0.85 0.00	32.13 -0.89 0.00	31.21 -0.83 0.00	27.33 -0.56 0.00	25.22 -0.54 0.00	25.63 -0.44 0.00	26.31 -0.57 0.00	27.53 -0.68 0.00	29.13 -0.66 0.00	31.77 -0.68 0.00	37.12 -0.49 0.00	42.04 -0.64 0.00	43.45 -1.02 0.00	37.87 -1.13 0.00	33.74 -1.09 0.44	0.19 -1.04 29.28	-7.03 -1.04 32.64	-7.03 -0.88 29.38
ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.30 -1.84 0.00	19.19 -1.53 0.00	18.14 -1.62 0.00	17.16 -1.51 0.00	18.22 -1.48 0.00	19.68 -1.55 0.00	28.57 -1.66 0.00	31.17 -1.85 0.00	29.67 -2.37 0.00	25.96 -1.92 0.00	24.63 -1.13 0.00	25.08 -0.99 0.00	25.48 -1.40 0.00	27.00 -1.21 0.00	27.79 -2.00 0.00	29.92 -2.53 0.00	34.37 -3.23 0.00	38.65 -4.01 0.02	40.23 -4.22 0.02	35.30 -3.71 0.00	31.48 -3.42 0.37	27.86 -2.65 0.00	24.49 -2.16 0.00	21.77 -1.46 0.00
EMPIRE_CC_1 323656	23.14 1.00 0.00	21.66 0.93 0.00	20.67 0.91 0.00	19.53 0.86 0.00	20.56 0.87 0.00	22.08 0.85 0.00	31.32 1.09 0.00	34.37 1.35 0.00	33.49 1.44 0.00	29.08 1.20 0.00	26.80 1.03 0.00	27.01 0.94 0.00	27.66 0.78 0.00	29.20 0.99 0.00	30.91 1.13 0.00	33.75 1.30 0.00	39.15 1.54 0.00	47.24 1.88 -2.68	47.90 2.00 -1.42	40.78 1.76 -0.02	38.25 1.62 -1.35	35.10 1.37 -3.22	28.84 1.23 -0.96	24.46 1.02 -0.21
EMPIRE_CC_2 323658	23.14 1.00 0.00	21.66 0.93 0.00	20.67 0.91 0.00	19.53 0.86 0.00	20.56 0.87 0.00	22.08 0.85 0.00	31.32 1.09 0.00	34.37 1.35 0.00	33.49 1.44 0.00	29.08 1.20 0.00	26.80 1.03 0.00	27.01 0.94 0.00	27.66 0.78 0.00	29.20 0.99 0.00	30.91 1.13 0.00	33.75 1.30 0.00	39.15 1.54 0.00	47.24 1.88 -2.68	47.90 2.00 -1.42	40.78 1.76 -0.02	38.25 1.62 -1.35	35.10 1.37 -3.22	28.84 1.23 -0.96	24.46 1.02 -0.21
ENORWICH_115KV_TB1 80156	23.18 1.04 0.00	21.68 0.95 0.00	20.61 0.85 0.00	19.51 0.84 0.00	20.60 0.91 0.00	22.40 1.17 0.00	32.38 2.15 0.00	35.63 2.61 0.00	34.16 2.12 0.00	29.50 1.62 0.00	27.13 1.37 0.00	27.58 1.51 0.00	28.38 1.51 0.00	29.93 1.72 0.00	31.57 1.79 0.00	34.24 1.78 0.00	40.01 2.41 0.00	45.50 2.77 -0.04	47.18 2.67 -0.04	41.30 2.30 0.00	38.27 2.05 -0.95	32.10 1.59 0.00	27.82 1.17 0.00	24.40 1.16 0.00
ERIE_ST_34_KV_TB1-2 80199	20.74 -1.39 0.00	19.56 -1.16 0.00	18.49 -1.26 0.00	17.49 -1.18 0.00	18.55 -1.14 0.00	20.13 -1.10 0.00	29.24 -1.00 0.00	32.03 -0.99 0.00	30.48 -1.57 0.00	26.63 -1.25 0.00	25.27 -0.49 0.00	25.71 -0.36 0.00	26.21 -0.67 0.00	27.76 -0.45 0.00	28.59 -1.19 0.00	30.76 -1.69 0.00	35.35 -2.26 0.00	39.84 -2.82 0.02	41.52 -2.94 0.02	36.31 -2.69 0.00	32.99 -2.08 0.20	28.56 -1.95 0.00	25.08 -1.57 0.00	22.26 -0.98 0.00
ERIE_WT_PWR 323693	20.46 -1.68 0.00	19.33 -1.39 0.00	18.27 -1.48 0.00	17.32 -1.34 0.00	18.34 -1.36 0.00	19.94 -1.30 0.00	28.81 -1.42 0.00	31.50 -1.52 0.00	29.96 -2.08 0.00	26.21 -1.67 0.00	24.89 -0.88 0.00	25.31 -0.76 0.00	26.61 -0.27 0.00	27.28 -0.93 0.00	28.08 -1.70 0.00	30.28 -2.17 0.00	34.75 -2.86 0.00	39.08 -3.59 0.02	40.58 -3.87 0.02	35.69 -3.32 0.00	32.04 -2.86 0.37	28.10 -2.41 0.00	24.73 -1.92 0.00	21.96 -1.28 0.00
ESPRGFLD_115KV_TB1 80157	23.09 0.95 0.00	21.55 0.83 0.00	20.49 0.73 0.00	19.38 0.71 0.00	20.47 0.77 0.00	22.14 0.91 0.00	31.69 1.45 0.00	34.70 1.68 0.00	33.55 1.51 0.00	29.03 1.14 0.00	26.67 0.90 0.00	26.96 0.89 0.00	27.79 0.91 0.00	29.26 1.04 0.00	30.94 1.16 0.00	34.04 1.59 0.00	39.41 1.81 0.00	45.50 2.22 -0.60	47.11 2.31 -0.32	41.04 2.03 0.00	37.52 1.94 -0.30	32.76 1.53 -0.72	28.09 1.23 -0.22	24.33 1.05 -0.05
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.25 0.11 0.00	20.83 0.10 0.00	19.80 0.04 0.00	18.71 0.04 0.00	19.76 0.06 0.00	21.42 0.19 0.00	30.75 0.51 0.00	33.71 0.69 0.00	32.43 0.38 0.00	28.16 0.28 0.00	26.00 0.23 0.00	26.31 0.23 0.00	27.12 0.24 0.00	28.49 0.28 0.00	30.02 0.24 0.00	32.65 0.19 0.00	37.94 0.34 0.00	43.21 0.43 -0.10	45.01 0.44 -0.09	39.43 0.43 0.00	37.95 0.35 -2.32	30.79 0.27 0.00	26.84 0.19 0.00	23.42 0.19 0.00
ETNA____115KV_TB2 80207	22.25 0.11 0.00	20.83 0.10 0.00	19.80 0.04 0.00	18.71 0.04 0.00	19.76 0.06 0.00	21.42 0.19 0.00	30.75 0.51 0.00	33.71 0.69 0.00	32.43 0.38 0.00	28.16 0.28 0.00	26.00 0.23 0.00	26.31 0.23 0.00	27.12 0.24 0.00	28.49 0.28 0.00	30.02 0.24 0.00	32.65 0.19 0.00	37.94 0.34 0.00	43.21 0.43 -0.10	45.01 0.44 -0.09	39.43 0.43 0.00	37.95 0.35 -2.32	30.79 0.27 0.00	26.84 0.19 0.00	23.42 0.19 0.00
EUCLID____115KV_TB2 356179	21.65 -0.49 0.00	20.31 -0.41 0.00	19.32 -0.43 0.00	18.26 -0.41 0.00	19.28 -0.41 0.00	20.83 -0.40 0.00	29.75 -0.48 0.00	32.46 -0.56 0.00	31.34 -0.71 0.00	27.27 -0.61 0.00	25.25 -0.52 0.00	25.55 -0.52 0.00	26.31 -0.56 0.00	27.65 -0.56 0.00	29.16 -0.63 0.00	31.70 -0.75 0.00	36.74 -0.86 0.00	41.66 -1.02 0.00	43.41 -1.07 0.00	38.11 -0.90 0.00	34.39 -0.88 0.00	29.78 -0.73 0.00	26.01 -0.64 0.00	22.70 -0.53 0.00
E_CANADA_CAP_HY 24051	23.47 1.33 0.00	21.90 1.18 0.00	20.76 1.01 0.00	19.64 0.97 0.00	20.76 1.06 0.00	22.44 1.21 0.00	32.05 1.81 0.00	34.97 1.95 0.00	33.74 1.70 0.00	29.11 1.23 0.00	26.59 0.82 0.00	26.72 0.65 0.00	27.52 0.64 0.00	29.03 0.82 0.00	30.82 1.04 0.00	34.33 1.88 0.00	39.67 2.07 0.00	46.17 2.69 -0.79	47.78 2.89 -0.42	41.58 2.57 -0.01	38.18 2.50 -0.40	33.51 2.04 -0.95	28.61 1.68 -0.29	24.67 1.37 -0.06
E_CANADA_MHWK_HY 24050	23.03 0.35 -0.54	21.39 0.35 -0.32	20.43 0.36 -0.32	19.21 0.34 -0.20	20.07 0.37 0.00	21.66 0.42 0.00	30.81 0.57 0.00	33.71 0.69 0.00	32.72 0.67 0.00	28.44 0.56 0.00	26.33 0.57 0.00	26.70 0.62 0.00	27.52 0.64 0.00	28.89 0.68 0.00	30.47 0.69 0.00	33.16 0.71 0.00	38.36 0.75 0.00	43.45 0.77 0.00	45.14 0.67 0.00	39.51 0.51 0.00	35.76 0.46 -0.03	30.85 0.34 0.00	26.89 0.24 0.00	23.47 0.23 0.00
E_FISHKILL____LBMP 23776	23.36 1.22 0.00	21.74 1.02 0.00	20.76 1.01 0.00	19.60 0.93 0.00	20.64 0.95 0.00	22.27 1.04 0.00	31.51 1.27 0.00	34.57 1.55 0.00	33.84 1.79 0.00	29.42 1.53 0.00	27.21 1.44 0.00	27.53 1.46 0.00	28.49 1.61 0.00	29.88 1.66 0.00	31.57 1.79 0.00	34.40 1.95 0.00	39.71 2.11 0.00	45.34 2.52 -0.14	47.30 2.76 -0.07	41.34 2.34 0.00	37.53 2.19 -0.07	32.48 1.80 -0.16	28.40 1.71 -0.05	24.57 1.32 -0.01
FALCON____SEABRD_CC1 323796	-6.92 -0.64 28.42	-6.98 -0.62 27.08	-7.00 -0.61 26.15	-7.03 -0.58 25.12	-7.07 -0.59 26.18	-7.05 -0.57 27.71	29.69 -0.54 0.00	32.43 -0.59 0.00	31.50 -0.54 0.00	27.61 -0.28 0.00	25.48 -0.28 0.00	25.86 -0.21 0.00	26.58 -0.30 0.00	27.82 -0.39 0.00	29.39 -0.39 0.00	32.09 -0.36 0.00	37.53 -0.08 0.00	42.47 -0.21 0.00	43.89 -0.58 0.00	38.26 -0.74 0.00	34.10 -0.74 0.44	0.22 -0.73 29.56	-7.07 -0.77 32.95	-7.07 -0.65 29.66

FALCON___SEABRD_CC2 323797	-6.92 -0.64 28.42	-6.98 -0.62 27.08	-7.00 -0.61 26.15	-7.03 -0.58 25.12	-7.07 -0.59 26.18	-7.05 -0.57 27.71	29.69 -0.54 0.00	32.43 -0.59 0.00	31.50 -0.54 0.00	27.61 -0.28 0.00	25.48 -0.28 0.00	25.86 -0.21 0.00	26.58 -0.30 0.00	27.82 -0.39 0.00	29.39 -0.39 0.00	32.09 -0.36 0.00	37.53 -0.08 0.00	42.47 -0.21 0.00	43.89 -0.58 0.00	38.26 -0.74 0.00	34.10 -0.74 0.44	0.22 -0.73 29.56	-7.07 -0.77 32.95	-7.07 -0.65 29.66
FAR ROCKAWAY___4 23548	24.02 1.88 0.00	22.22 1.49 0.00	21.14 1.38 0.00	19.96 1.29 0.00	20.96 1.26 0.00	22.80 1.57 0.00	32.14 1.90 0.00	34.84 1.82 0.00	34.48 2.44 0.00	30.23 2.34 0.00	28.08 2.32 0.00	28.50 2.42 0.00	29.54 2.66 0.00	30.86 2.65 0.00	32.34 2.56 0.00	34.88 2.43 0.00	40.16 2.56 0.01	45.75 3.07 0.00	47.90 3.42 0.00	42.08 3.08 0.00	38.06 2.79 0.00	33.29 2.78 0.00	29.41 2.74 -0.01	25.48 2.23 -0.01
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	23.67 1.53 0.00	21.99 1.26 0.00	21.00 1.24 0.00	19.83 1.16 0.00	20.86 1.16 0.00	22.53 1.30 0.00	31.84 1.60 0.00	35.07 2.05 0.00	34.35 2.31 0.00	29.92 2.04 0.00	27.72 1.96 0.00	28.08 2.01 0.00	29.11 2.23 0.00	30.47 2.26 0.00	32.22 2.44 0.00	35.11 2.66 0.00	40.31 2.71 0.00	45.97 3.29 0.00	47.99 3.51 0.00	41.97 2.96 0.00	38.10 2.82 0.00	32.80 2.29 0.00	28.86 2.21 0.00	24.93 1.70 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	23.67 1.53 0.00	21.99 1.26 0.00	21.00 1.24 0.00	19.83 1.16 0.00	20.86 1.16 0.00	22.53 1.30 0.00	31.84 1.60 0.00	35.07 2.05 0.00	34.35 2.31 0.00	29.92 2.04 0.00	27.72 1.96 0.00	28.08 2.01 0.00	29.11 2.23 0.00	30.47 2.26 0.00	32.22 2.44 0.00	35.11 2.66 0.00	40.31 2.71 0.00	45.97 3.29 0.00	47.99 3.51 0.00	41.97 2.96 0.00	38.13 2.86 0.00	32.83 2.32 0.00	28.86 2.21 0.00	24.96 1.72 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	23.67 1.53 0.00	21.99 1.26 0.00	20.98 1.22 0.00	19.83 1.16 0.00	20.84 1.14 0.00	22.53 1.30 0.00	31.84 1.60 0.00	35.03 2.01 0.00	34.35 2.31 0.00	29.89 2.01 0.00	27.70 1.93 0.00	28.05 1.98 0.00	29.11 2.23 0.00	30.44 2.23 0.00	32.19 2.41 0.00	35.08 2.63 0.00	40.28 2.67 0.00	45.93 3.24 0.00	47.94 3.47 0.00	41.97 2.96 0.00	38.10 2.82 0.00	32.80 2.29 0.00	28.86 2.21 0.00	24.93 1.70 0.00
FARRAGUT___LBMP 323566	23.65 1.51 0.00	21.97 1.24 0.00	20.98 1.22 0.00	19.81 1.14 0.00	20.84 1.14 0.00	22.51 1.27 0.00	31.81 1.57 0.00	35.00 1.98 0.00	34.32 2.28 0.00	29.86 1.98 0.00	27.67 1.91 0.00	28.03 1.96 0.00	29.08 2.20 0.00	30.41 2.20 0.00	32.16 2.38 0.00	35.05 2.60 0.00	40.24 2.63 0.00	45.88 3.20 0.00	47.90 3.42 0.00	41.93 2.93 0.00	38.06 2.79 0.00	32.77 2.26 0.00	28.83 2.19 0.00	24.91 1.67 0.00
FENNER___WINDPWR 24204	22.94 0.29 -0.51	21.56 0.27 -0.57	20.52 0.22 -0.55	19.47 0.22 -0.57	20.62 0.24 -0.69	22.30 0.34 -0.73	30.87 0.64 0.00	33.81 0.79 0.00	32.65 0.61 0.00	28.36 0.47 0.00	26.17 0.41 0.00	26.51 0.44 0.00	27.39 0.51 0.00	28.72 0.51 0.00	30.29 0.51 0.00	32.97 0.52 0.00	38.28 0.68 0.00	43.42 0.72 -0.02	45.20 0.71 -0.02	39.66 0.66 0.00	36.30 0.60 -0.43	31.75 0.46 -0.78	27.84 0.32 -0.87	24.34 0.33 -0.78
FIBERTEK___ENERGY 23856	21.85 -0.29 0.00	20.47 -0.25 0.00	19.46 -0.30 0.00	18.39 -0.28 0.00	19.42 -0.28 0.00	21.02 -0.21 0.00	30.02 -0.21 0.00	32.79 -0.23 0.00	31.66 -0.38 0.00	27.55 -0.33 0.00	25.45 -0.31 0.00	25.78 -0.29 0.00	26.56 -0.32 0.00	27.90 -0.31 0.00	29.45 -0.33 0.00	32.03 -0.42 0.00	37.12 -0.49 0.00	42.08 -0.60 0.00	43.85 -0.62 0.00	38.46 -0.55 0.00	34.74 -0.53 0.00	30.08 -0.43 0.00	26.25 -0.40 0.00	22.91 -0.33 0.00
FITZPATRICK____ 23598	21.41 -0.73 0.00	20.08 -0.64 0.00	19.12 -0.63 0.00	18.07 -0.60 0.00	19.09 -0.61 0.00	20.59 -0.64 0.00	29.36 -0.88 0.00	32.00 -1.02 0.00	30.92 -1.12 0.00	26.94 -0.95 0.00	24.91 -0.85 0.00	25.21 -0.86 0.00	26.05 -0.83 0.00	27.28 -0.93 0.00	28.74 -1.04 0.00	31.28 -1.17 0.00	36.25 -1.35 0.00	41.10 -1.58 0.00	42.83 -1.64 0.00	37.60 -1.40 0.00	33.97 -1.30 0.00	29.41 -1.10 0.00	25.69 -0.96 0.00	22.42 -0.81 0.00
FLOWRFLD_69_KV_BK1 356044	24.24 2.10 0.00	22.38 1.66 0.00	21.24 1.48 0.00	20.07 1.40 0.00	21.06 1.36 0.00	22.99 1.76 0.00	32.23 2.00 0.00	34.70 1.68 0.00	34.48 2.44 0.00	30.31 2.43 0.00	28.06 2.29 0.00	28.50 2.42 0.00	29.51 2.63 0.00	30.86 2.65 0.00	32.22 2.44 0.00	34.62 2.17 0.00	39.97 2.37 0.01	45.46 2.77 0.00	47.63 3.16 0.00	42.16 3.16 0.00	37.99 2.72 0.00	33.38 2.87 0.00	29.64 2.98 -0.01	25.73 2.49 -0.01
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	23.56 1.42 0.00	21.90 1.18 0.00	20.90 1.15 0.00	19.73 1.06 0.00	20.80 1.10 0.00	22.42 1.19 0.00	31.78 1.54 0.00	34.84 1.82 0.00	34.10 2.05 0.00	29.61 1.73 0.00	27.36 1.60 0.00	27.69 1.62 0.00	28.68 1.80 0.00	29.99 1.78 0.00	31.81 2.03 0.00	34.69 2.24 0.00	40.09 2.48 0.00	45.63 2.95 0.00	47.72 3.25 0.00	41.77 2.77 0.00	37.85 2.58 0.00	32.65 2.14 0.00	28.60 1.95 0.00	24.77 1.53 0.00
FORT ORANGE____ 23900	22.87 0.73 0.00	21.49 0.77 0.00	20.49 0.73 0.00	19.38 0.71 0.00	20.41 0.71 0.00	21.80 0.57 0.00	30.96 0.72 0.00	33.58 0.56 0.00	32.65 0.61 0.00	28.27 0.39 0.00	26.07 0.31 0.00	26.28 0.21 0.00	27.23 0.35 0.00	28.69 0.48 0.00	30.41 0.63 0.00	33.23 0.78 0.00	38.55 0.94 0.00	39.39 1.32 4.62	43.49 1.47 2.45	40.25 1.29 0.03	34.14 1.20 2.33	25.97 1.01 5.55	25.87 0.88 1.66	23.58 0.70 0.36
FORT_DRUM_COGEN 23780	25.07 0.31 -2.63	24.40 0.27 -3.41	23.21 0.22 -3.23	22.48 0.21 -3.60	24.65 0.22 -4.74	26.63 0.38 -5.01	31.20 0.97 0.00	34.31 1.29 0.00	32.94 0.90 0.00	28.50 0.61 0.00	26.15 0.39 0.00	26.44 0.36 0.00	27.20 0.32 0.00	28.52 0.31 0.00	30.08 0.30 0.00	32.78 0.32 0.00	38.32 0.71 0.00	43.71 1.02 0.00	45.63 1.16 0.00	40.09 1.09 0.00	36.18 0.95 0.04	36.50 0.64 -5.35	32.91 0.29 -5.96	28.98 0.37 -5.37
FOX_HILLS___ESR 323835	23.92 1.77 -0.01	22.24 1.51 0.00	21.23 1.46 -0.01	20.04 1.36 -0.01	21.06 1.36 0.00	22.70 1.46 0.00	31.99 1.75 0.00	35.17 2.15 0.00	34.38 2.34 0.00	29.95 2.06 0.00	27.77 2.01 0.00	28.13 2.06 0.00	29.22 2.34 0.00	30.55 2.34 0.00	32.34 2.56 0.00	35.25 2.79 -0.01	40.20 2.59 0.00	45.88 3.20 0.00	47.85 3.38 0.00	41.85 2.85 0.00	38.20 2.93 0.00	32.99 2.47 -0.01	29.08 2.43 -0.01	25.17 1.93 -0.01
FPL FAR_ROCK_GT1 24212	24.02 1.88 0.00	22.22 1.49 0.00	21.12 1.36 0.00	19.92 1.25 0.00	20.96 1.26 0.00	22.76 1.53 0.00	32.14 1.91 0.00	34.83 1.81 0.00	34.45 2.40 0.00	30.20 2.31 0.00	28.00 2.24 0.00	28.44 2.37 0.00	29.27 2.39 0.00	30.84 2.62 0.00	32.22 2.44 0.00	34.82 2.37 0.00	40.08 2.48 0.01	45.71 3.03 0.00	47.72 3.24 0.00	41.93 2.93 0.00	37.95 2.68 0.00	33.26 2.75 0.00	29.38 2.72 -0.01	25.48 2.23 -0.01

FPL FAR_ROCK_GT2 23815	24.02 1.88 0.00	22.22 1.49 0.00	21.12 1.36 0.00	19.92 1.25 0.00	20.96 1.26 0.00	22.76 1.53 0.00	32.14 1.91 0.00	34.83 1.81 0.00	34.45 2.40 0.00	30.20 2.31 0.00	28.00 2.24 0.00	28.44 2.37 0.00	29.27 2.39 0.00	30.84 2.62 0.00	32.22 2.44 0.00	34.82 2.37 0.00	40.08 2.48 0.01	45.71 3.03 0.00	47.72 3.24 0.00	41.93 2.93 0.00	37.95 2.68 0.00	33.26 2.75 0.00	29.38 2.72 -0.01	25.48 2.23 -0.01
FRANKLIN_FALL_HYD 24054	37.78 -0.40 -16.04	42.20 -0.39 -21.87	40.07 -0.40 -20.70	41.79 -0.37 -23.50	50.94 -0.37 -31.62	54.42 -0.28 -33.47	30.27 0.03 0.00	33.12 0.10 0.00	32.01 -0.03 0.00	27.97 0.08 0.00	25.71 -0.05 0.00	26.10 0.03 0.00	26.80 -0.08 0.00	28.04 -0.17 0.00	29.63 -0.15 0.00	32.32 -0.13 0.00	37.94 0.34 0.00	43.07 0.38 0.00	44.56 0.09 0.00	38.92 -0.08 0.00	34.85 -0.07 0.36	65.93 -0.27 -35.70	65.99 -0.45 -39.80	58.71 -0.35 -35.82
FREEPORT_EQUS_GT1 23764	23.93 1.79 0.00	22.13 1.41 0.00	21.02 1.27 0.00	19.83 1.16 0.00	20.88 1.18 0.00	22.68 1.44 0.00	31.99 1.75 0.00	34.64 1.62 0.00	34.25 2.21 0.00	30.03 2.15 0.00	27.85 2.09 0.00	28.26 2.19 0.00	29.08 2.20 0.00	30.64 2.43 0.00	31.98 2.20 0.00	34.50 2.05 0.00	39.74 2.14 0.01	45.37 2.69 0.00	47.36 2.89 0.00	41.62 2.61 0.00	37.64 2.36 0.00	33.04 2.53 0.00	29.25 2.58 -0.01	25.36 2.11 -0.01
FREEPORT___CT2 23818	23.93 1.79 0.00	22.13 1.41 0.00	21.02 1.27 0.00	19.83 1.16 0.00	20.88 1.18 0.00	22.68 1.44 0.00	31.99 1.75 0.00	34.64 1.62 0.00	34.25 2.21 0.00	30.03 2.15 0.00	27.85 2.09 0.00	28.26 2.19 0.00	29.08 2.20 0.00	30.64 2.43 0.00	31.98 2.20 0.00	34.50 2.05 0.00	39.74 2.14 0.01	45.37 2.69 0.00	47.36 2.89 0.00	41.62 2.61 0.00	37.64 2.36 0.00	33.04 2.53 0.00	29.25 2.58 -0.01	25.36 2.11 -0.01
FRESHKLS_33_KV_LOAD 356253	23.96 1.82 -0.01	22.28 1.55 0.00	21.27 1.50 -0.01	20.10 1.42 -0.01	21.12 1.42 0.00	22.72 1.49 0.00	32.05 1.81 0.00	35.20 2.18 0.00	34.38 2.34 0.00	29.95 2.06 0.00	27.77 2.01 0.00	28.13 2.06 0.00	29.22 2.34 0.00	30.55 2.34 0.00	32.37 2.59 0.00	35.25 2.79 -0.01	40.16 2.56 0.00	45.84 3.16 0.00	47.85 3.38 0.00	41.81 2.81 0.00	38.20 2.93 0.00	33.02 2.50 -0.01	29.11 2.45 -0.01	25.22 1.98 -0.01
FULTON COGEN____ 23766	21.67 -0.46 0.00	20.33 -0.39 0.00	19.34 -0.41 0.00	18.28 -0.39 0.00	19.28 -0.41 0.00	20.85 -0.38 0.00	29.75 -0.48 0.00	32.49 -0.53 0.00	31.37 -0.67 0.00	27.30 -0.59 0.00	25.22 -0.54 0.00	25.52 -0.55 0.00	26.31 -0.56 0.00	27.65 -0.56 0.00	29.16 -0.63 0.00	31.70 -0.75 0.00	36.74 -0.86 0.00	41.70 -0.98 0.00	43.45 -1.02 0.00	38.14 -0.86 0.00	34.43 -0.85 0.00	29.81 -0.70 0.00	26.04 -0.61 0.00	22.73 -0.51 0.00
FULTON___LFGE 323630	23.62 1.48 0.00	22.07 1.35 0.00	20.90 1.15 0.00	19.77 1.10 0.00	20.88 1.18 0.00	22.57 1.34 0.00	32.26 2.03 0.00	35.16 2.15 0.00	34.03 1.99 0.00	29.31 1.42 0.00	26.82 1.06 0.00	26.93 0.86 0.00	27.74 0.86 0.00	29.26 1.04 0.00	31.03 1.25 0.00	34.50 2.05 0.00	39.94 2.33 0.00	46.54 2.99 -0.87	48.18 3.24 -0.46	41.90 2.89 -0.01	38.43 2.72 -0.44	33.82 2.26 -1.05	28.83 1.86 -0.31	24.84 1.53 -0.07
G.F.CEMENT___DRP 24184	23.84 1.70 0.00	22.28 1.55 0.00	21.12 1.36 0.00	19.96 1.29 0.00	21.08 1.38 0.00	22.70 1.46 0.00	31.87 1.63 0.00	34.80 1.78 0.00	33.90 1.86 0.00	29.31 1.42 0.00	27.00 1.24 0.00	27.14 1.07 0.00	27.90 1.02 0.00	29.31 1.10 0.00	30.94 1.16 0.00	34.01 1.56 0.00	39.37 1.77 0.00	46.61 2.39 -1.54	47.92 2.62 -0.82	41.32 2.30 -0.01	38.17 2.12 -0.78	34.10 1.74 -1.85	28.78 1.57 -0.55	25.03 1.67 -0.12
GARDENVILLE___LBMP 24039	20.37 -1.77 0.00	19.25 -1.47 0.00	18.20 -1.56 0.00	17.21 -1.46 0.00	18.28 -1.42 0.00	19.77 -1.46 0.00	28.69 -1.54 0.00	31.34 -1.68 0.00	29.83 -2.21 0.00	26.07 -1.81 0.00	24.73 -1.03 0.00	25.18 -0.89 0.00	25.62 -1.26 0.00	27.11 -1.10 0.00	27.93 -1.85 0.00	30.08 -2.37 0.00	34.56 -3.05 0.00	38.86 -3.80 0.02	40.45 -4.00 0.02	35.49 -3.51 0.00	31.70 -3.17 0.40	27.98 -2.53 0.00	24.60 -2.05 0.00	21.87 -1.37 0.00
GARDNVLA_35_KV_LD 355827	20.48 -1.66 0.00	19.36 -1.37 0.00	18.27 -1.48 0.00	17.29 -1.38 0.00	18.36 -1.34 0.00	19.87 -1.36 0.00	28.84 -1.39 0.00	31.50 -1.52 0.00	29.99 -2.05 0.00	26.21 -1.67 0.00	24.89 -0.88 0.00	25.31 -0.76 0.00	25.78 -1.10 0.00	27.31 -0.90 0.00	28.11 -1.67 0.00	30.24 -2.21 0.00	34.75 -2.86 0.00	39.08 -3.59 0.02	40.72 -3.74 0.02	35.69 -3.32 0.00	31.91 -3.00 0.37	28.13 -2.38 0.00	24.70 -1.95 0.00	21.98 -1.25 0.00
GELCKHM___115KV_LOAD 80723	21.72 -0.42 0.00	20.37 -0.35 0.00	19.38 -0.38 0.00	18.31 -0.35 0.00	19.34 -0.35 0.00	20.89 -0.34 0.00	29.84 -0.39 0.00	32.56 -0.46 0.00	31.47 -0.58 0.00	27.38 -0.50 0.00	25.33 -0.44 0.00	25.63 -0.44 0.00	26.42 -0.46 0.00	27.76 -0.45 0.00	29.24 -0.54 0.00	31.83 -0.62 0.00	36.89 -0.71 0.00	41.83 -0.85 0.00	43.58 -0.89 0.00	38.22 -0.78 0.00	34.53 -0.74 0.00	29.90 -0.61 0.00	26.09 -0.56 0.00	22.77 -0.46 0.00
GENERAL___MILLS 23808	20.46 -1.68 0.00	19.31 -1.41 0.00	18.25 -1.50 0.00	17.27 -1.40 0.00	18.34 -1.36 0.00	19.83 -1.40 0.00	28.78 -1.45 0.00	31.47 -1.55 0.00	29.93 -2.12 0.00	26.18 -1.70 0.00	24.84 -0.93 0.00	25.29 -0.78 0.00	25.72 -1.16 0.00	27.25 -0.96 0.00	28.05 -1.73 0.00	30.21 -2.24 0.00	34.71 -2.90 0.00	38.99 -3.67 0.02	40.63 -3.82 0.02	35.65 -3.35 0.00	31.87 -3.03 0.37	28.10 -2.41 0.00	24.68 -1.97 0.00	21.94 -1.30 0.00
GE_PLASTICS___DRP 24183	22.76 0.62 0.00	21.34 0.62 0.00	20.39 0.63 0.00	19.27 0.60 0.00	20.31 0.61 0.00	21.74 0.51 0.00	30.87 0.63 0.00	33.61 0.59 0.00	32.69 0.64 0.00	28.36 0.47 0.00	26.18 0.41 0.00	26.41 0.34 0.00	27.39 0.51 0.00	28.75 0.54 0.00	30.41 0.63 0.00	33.23 0.78 0.00	38.47 0.86 0.00	41.04 1.15 2.79	44.28 1.29 1.48	40.07 1.09 0.02	34.92 1.06 1.41	28.01 0.85 3.36	26.42 0.77 1.00	23.65 0.63 0.22
GILBOA___1 23756	22.74 0.60 0.00	21.24 0.52 0.00	20.33 0.57 0.00	19.21 0.54 0.00	20.25 0.55 0.00	21.72 0.49 0.00	30.84 0.60 0.00	33.78 0.76 0.00	32.88 0.83 0.00	28.58 0.70 0.00	26.41 0.64 0.00	26.70 0.62 0.00	27.50 0.62 0.00	28.94 0.73 0.00	30.55 0.77 0.00	33.33 0.88 0.00	38.55 0.94 0.00	43.79 1.11 0.00	45.67 1.20 0.00	40.06 1.05 0.00	36.30 1.02 0.00	31.37 0.85 0.00	27.45 0.80 0.00	23.86 0.63 0.00
GILBOA___2 23757	22.74 0.60 0.00	21.24 0.52 0.00	20.33 0.57 0.00	19.21 0.54 0.00	20.25 0.55 0.00	21.72 0.49 0.00	30.84 0.60 0.00	33.78 0.76 0.00	32.88 0.83 0.00	28.58 0.70 0.00	26.41 0.64 0.00	26.70 0.62 0.00	27.50 0.62 0.00	28.94 0.73 0.00	30.55 0.77 0.00	33.33 0.88 0.00	38.55 0.94 0.00	43.79 1.11 0.00	45.67 1.20 0.00	40.06 1.05 0.00	36.30 1.02 0.00	31.37 0.85 0.00	27.45 0.80 0.00	23.86 0.63 0.00

GILBOA___3 23758	22.74 0.60 0.00	21.24 0.52 0.00	20.33 0.57 0.00	19.21 0.54 0.00	20.25 0.55 0.00	21.72 0.49 0.00	30.84 0.60 0.00	33.78 0.76 0.00	32.88 0.83 0.00	28.58 0.70 0.00	26.41 0.64 0.00	26.70 0.62 0.00	27.50 0.62 0.00	28.94 0.73 0.00	30.55 0.77 0.00	33.33 0.88 0.00	38.55 0.94 0.00	43.79 1.11 0.00	45.67 1.20 0.00	40.06 1.05 0.00	36.30 1.02 0.00	31.37 0.85 0.00	27.45 0.80 0.00	23.86 0.63 0.00
GILBOA___4 23759	22.74 0.60 0.00	21.24 0.52 0.00	20.33 0.57 0.00	19.21 0.54 0.00	20.25 0.55 0.00	21.72 0.49 0.00	30.84 0.60 0.00	33.78 0.76 0.00	32.88 0.83 0.00	28.58 0.70 0.00	26.41 0.64 0.00	26.70 0.62 0.00	27.50 0.62 0.00	28.94 0.73 0.00	30.55 0.77 0.00	33.33 0.88 0.00	38.55 0.94 0.00	43.79 1.11 0.00	45.67 1.20 0.00	40.06 1.05 0.00	36.30 1.02 0.00	31.37 0.85 0.00	27.45 0.80 0.00	23.86 0.63 0.00
GILBOA___ 23599	22.74 0.60 0.00	21.24 0.52 0.00	20.33 0.57 0.00	19.23 0.56 0.00	20.25 0.55 0.00	21.74 0.51 0.00	30.84 0.60 0.00	33.78 0.76 0.00	32.88 0.83 0.00	28.58 0.70 0.00	26.41 0.64 0.00	26.70 0.63 0.00	27.58 0.70 0.00	28.95 0.73 0.00	30.55 0.77 0.00	33.33 0.88 0.00	38.55 0.94 0.00	43.79 1.11 0.00	45.67 1.20 0.00	40.06 1.05 0.00	36.30 1.02 0.00	31.37 0.85 0.00	27.45 0.80 0.00	23.86 0.63 0.00
GINNA___ 23603	20.04 -2.10 0.00	18.86 -1.87 0.00	17.90 -1.86 0.00	16.89 -1.77 0.00	17.90 -1.79 0.00	19.43 -1.80 0.00	28.00 -2.24 0.00	30.64 -2.38 0.00	29.29 -2.76 0.00	25.57 -2.31 0.00	23.83 -1.93 0.00	24.19 -1.88 0.00	25.21 -1.67 0.00	26.10 -2.12 0.00	27.34 -2.44 0.00	29.69 -2.76 0.00	34.33 -3.27 0.00	38.79 -3.88 0.01	40.37 -4.09 0.01	35.53 -3.47 0.00	31.59 -3.39 0.30	27.83 -2.69 0.00	24.25 -2.40 0.00	21.24 -2.00 0.00
GLEN PARK___ 23778	25.05 0.42 -2.49	24.35 0.39 -3.23	23.14 0.32 -3.07	22.41 0.32 -3.42	24.50 0.31 -4.49	26.48 0.49 -4.76	31.38 1.15 0.00	34.51 1.49 0.00	33.10 1.06 0.00	28.61 0.72 0.00	26.25 0.49 0.00	26.54 0.47 0.00	27.36 0.48 0.00	28.64 0.42 0.00	30.20 0.42 0.00	32.94 0.49 0.00	38.55 0.94 0.00	43.96 1.28 0.00	45.90 1.42 0.00	40.37 1.36 0.00	36.43 1.20 0.04	36.41 0.82 -5.07	32.73 0.43 -5.65	28.84 0.51 -5.09
GLENDALE_27_KV_LOAD 356172	23.85 1.70 -0.01	22.13 1.41 0.00	21.15 1.38 -0.01	19.96 1.29 -0.01	20.98 1.28 0.00	22.65 1.42 0.00	31.96 1.72 0.00	35.17 2.15 0.00	34.48 2.44 0.00	30.03 2.15 0.00	27.85 2.09 0.00	28.21 2.14 0.00	29.27 2.39 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.31 2.86 0.00	40.46 2.86 0.00	46.14 3.46 0.00	48.12 3.65 0.00	42.12 3.12 0.00	38.31 3.03 0.00	32.98 2.47 0.00	29.05 2.40 0.00	25.13 1.88 -0.01
GLENWOOD_IC_1_G5 23712	23.78 1.64 0.00	22.05 1.33 0.00	21.00 1.24 0.00	19.84 1.18 0.00	20.86 1.16 0.00	22.61 1.38 0.00	31.93 1.69 0.00	34.80 1.78 0.00	34.29 2.24 0.00	29.98 2.09 0.00	27.80 2.04 0.00	28.18 2.11 0.00	29.22 2.34 0.00	30.55 2.34 0.00	32.13 2.35 0.00	34.79 2.34 0.00	40.08 2.48 0.00	45.67 2.99 0.00	47.76 3.29 0.00	41.89 2.89 0.00	37.92 2.65 0.00	32.92 2.41 0.00	29.04 2.37 -0.02	25.13 1.88 -0.02
GLENWOOD_IC_2_G1 23688	23.67 1.53 0.00	21.97 1.24 0.00	20.92 1.17 0.00	19.75 1.08 0.00	20.80 1.10 0.00	22.48 1.25 0.00	31.81 1.57 0.00	34.77 1.75 0.00	34.16 2.11 0.00	29.81 1.92 0.00	27.62 1.86 0.00	27.97 1.90 0.00	28.79 1.91 0.00	30.35 2.14 0.00	31.93 2.15 0.00	34.69 2.24 0.00	39.94 2.33 0.00	45.54 2.86 0.00	47.54 3.07 0.00	41.66 2.65 0.00	37.74 2.47 0.00	32.74 2.23 0.00	28.84 2.19 0.00	24.98 1.74 0.00
GLENWOOD_IC_3_G1 23689	23.67 1.53 0.00	21.97 1.24 0.00	20.92 1.17 0.00	19.75 1.08 0.00	20.80 1.10 0.00	22.48 1.25 0.00	31.81 1.57 0.00	34.77 1.75 0.00	34.16 2.11 0.00	29.81 1.92 0.00	27.62 1.86 0.00	27.97 1.90 0.00	28.79 1.91 0.00	30.35 2.14 0.00	31.93 2.15 0.00	34.69 2.24 0.00	39.94 2.33 0.00	45.54 2.86 0.00	47.54 3.07 0.00	41.66 2.65 0.00	37.74 2.47 0.00	32.74 2.23 0.00	28.84 2.19 0.00	24.98 1.74 0.00
GLENWOOD___4 23550	23.78 1.64 0.00	22.05 1.33 0.00	21.00 1.24 0.00	19.84 1.18 0.00	20.86 1.16 0.00	22.61 1.38 0.00	31.93 1.69 0.00	34.80 1.78 0.00	34.29 2.24 0.00	29.98 2.09 0.00	27.80 2.04 0.00	28.18 2.11 0.00	29.22 2.34 0.00	30.55 2.34 0.00	32.13 2.35 0.00	34.79 2.34 0.00	40.08 2.48 0.00	45.67 2.99 0.00	47.76 3.29 0.00	41.89 2.89 0.00	37.92 2.65 0.00	32.92 2.41 0.00	29.04 2.37 -0.02	25.13 1.88 -0.02
GLENWOOD___5 23614	23.78 1.64 0.00	22.05 1.33 0.00	21.00 1.24 0.00	19.84 1.18 0.00	20.86 1.16 0.00	22.61 1.38 0.00	31.93 1.69 0.00	34.80 1.78 0.00	34.29 2.24 0.00	29.98 2.09 0.00	27.80 2.04 0.00	28.18 2.11 0.00	29.22 2.34 0.00	30.55 2.34 0.00	32.13 2.35 0.00	34.79 2.34 0.00	40.08 2.48 0.00	45.67 2.99 0.00	47.76 3.29 0.00	41.89 2.89 0.00	37.92 2.65 0.00	32.92 2.41 0.00	29.04 2.37 -0.02	25.13 1.88 -0.02
GLOBAL GREEN_PORT_GT1 23814	24.27 2.13 0.00	22.36 1.64 0.00	21.20 1.44 0.00	19.98 1.31 0.00	21.02 1.32 0.00	22.91 1.68 0.00	32.17 1.94 0.00	34.77 1.75 0.00	34.55 2.50 0.00	30.34 2.45 0.00	27.85 2.09 0.00	28.31 2.24 0.00	29.14 2.26 0.00	30.75 2.54 0.00	32.07 2.29 0.00	34.53 2.08 0.00	39.89 2.29 0.01	45.54 2.86 0.00	47.36 2.89 0.00	41.97 2.96 0.00	37.74 2.47 0.00	33.32 2.81 0.00	29.40 2.75 -0.01	25.82 2.58 -0.01
GLOBE___DSASP 323697	19.73 -2.41 0.00	18.67 -2.05 0.00	17.64 -2.11 0.00	16.69 -1.98 0.00	17.73 -1.97 0.00	19.11 -2.12 0.00	27.70 -2.54 0.00	30.11 -2.91 0.00	28.62 -3.43 0.00	25.10 -2.79 0.00	23.86 -1.91 0.00	24.27 -1.80 0.00	24.62 -2.26 0.00	26.04 -2.17 0.00	26.77 -3.01 0.00	28.85 -3.60 0.00	33.13 -4.48 0.00	37.16 -5.51 0.02	38.67 -5.78 0.02	34.05 -4.95 0.00	30.03 -4.80 0.44	26.97 -3.54 0.00	23.74 -2.90 0.00	21.19 -2.04 0.00
GOETHSLN___LBMP 323567	23.53 1.39 0.00	21.86 1.14 0.00	20.88 1.13 0.00	19.71 1.05 0.00	20.74 1.04 0.00	22.42 1.19 0.00	31.63 1.39 0.00	34.84 1.82 0.00	34.16 2.12 0.00	29.72 1.84 0.00	27.54 1.78 0.00	27.92 1.85 0.00	28.95 2.07 0.00	30.30 2.09 0.00	32.01 2.23 0.00	34.88 2.43 0.00	40.05 2.44 0.00	45.63 2.95 0.00	47.63 3.16 0.00	41.69 2.69 0.00	37.88 2.61 0.00	32.62 2.11 0.00	28.70 2.05 0.00	24.79 1.56 0.00
GOLAH___69_KV_TB 1_2 80279	20.83 -1.31 0.00	19.67 -1.06 0.00	18.63 -1.13 0.00	17.59 -1.08 0.00	18.67 -1.02 0.00	20.21 -1.02 0.00	29.24 -1.00 0.00	31.93 -1.09 0.00	30.44 -1.60 0.00	26.55 -1.34 0.00	24.89 -0.88 0.00	25.29 -0.78 0.00	25.83 -1.05 0.00	27.20 -1.02 0.00	28.32 -1.46 0.00	30.67 -1.78 0.00	35.39 -2.22 0.00	39.98 -2.69 0.01	41.61 -2.85 0.01	36.66 -2.34 0.00	32.53 -2.43 0.31	28.80 -1.71 0.00	25.21 -1.44 0.00	22.21 -1.02 0.00

GOODYEAR_LAKE_HYD 323669	22.87 0.73 0.00	21.34 0.62 0.00	20.35 0.59 0.00	19.25 0.58 0.00	20.31 0.61 0.00	21.93 0.70 0.00	31.35 1.12 0.00	34.37 1.35 0.00	33.30 1.25 0.00	28.92 1.03 0.00	26.67 0.90 0.00	27.04 0.96 0.00	27.87 0.99 0.00	29.31 1.10 0.00	30.94 1.16 0.00	33.75 1.30 0.00	39.11 1.50 0.00	44.67 1.75 -0.24	46.38 1.78 -0.13	40.53 1.52 0.00	36.84 1.45 -0.12	31.93 1.13 -0.29	27.67 0.93 -0.09	24.07 0.81 -0.02
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	21.94 -0.20 0.00	20.54 -0.19 0.00	19.54 -0.22 0.00	18.48 -0.19 0.00	19.52 -0.18 0.00	21.10 -0.13 0.00	30.24 0.00 0.00	33.12 0.10 0.00	31.92 -0.13 0.00	27.74 -0.14 0.00	25.76 0.00 0.00	26.10 0.03 0.00	26.88 0.00 0.00	28.27 0.06 0.00	29.66 -0.12 0.00	32.19 -0.26 0.00	37.31 -0.30 0.00	42.33 -0.34 0.01	44.11 -0.36 0.01	38.73 -0.27 0.00	34.78 -0.28 0.21	30.27 -0.24 0.00	26.44 -0.21 0.00	23.14 -0.09 0.00
GOUDEY___7 23579	21.94 -0.20 0.00	20.54 -0.19 0.00	19.54 -0.22 0.00	18.48 -0.19 0.00	19.52 -0.18 0.00	21.10 -0.13 0.00	30.24 0.00 0.00	33.12 0.10 0.00	31.92 -0.13 0.00	27.74 -0.14 0.00	25.76 0.00 0.00	26.10 0.03 0.00	26.88 0.00 0.00	28.27 0.06 0.00	29.66 -0.12 0.00	32.19 -0.26 0.00	37.31 -0.30 0.00	42.33 -0.34 0.01	44.11 -0.36 0.01	38.73 -0.27 0.00	34.78 -0.28 0.21	30.27 -0.24 0.00	26.44 -0.21 0.00	23.14 -0.09 0.00
GOUDEY___8 23580	21.94 -0.20 0.00	20.54 -0.19 0.00	19.54 -0.22 0.00	18.48 -0.19 0.00	19.52 -0.18 0.00	21.10 -0.13 0.00	30.24 0.00 0.00	33.12 0.10 0.00	31.92 -0.13 0.00	27.74 -0.14 0.00	25.76 0.00 0.00	26.10 0.03 0.00	26.88 0.00 0.00	28.27 0.06 0.00	29.66 -0.12 0.00	32.19 -0.26 0.00	37.31 -0.30 0.00	42.33 -0.34 0.01	44.11 -0.36 0.01	38.73 -0.27 0.00	34.78 -0.28 0.21	30.27 -0.24 0.00	26.44 -0.21 0.00	23.14 -0.09 0.00
GOWANUS_GT1_1 24077	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.67 1.44 0.00	31.99 1.75 0.00	35.17 2.15 0.00	34.45 2.40 0.00	30.03 2.15 0.00	27.85 2.09 0.00	28.21 2.14 0.00	29.27 2.39 0.00	30.64 2.43 0.00	32.40 2.62 0.00	35.31 2.86 -0.01	40.39 2.78 0.00	46.10 3.41 0.00	48.08 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.11 2.45 -0.01	25.17 1.93 -0.01
GOWANUS_GT1_2 24078	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.67 1.44 0.00	31.99 1.75 0.00	35.17 2.15 0.00	34.45 2.40 0.00	30.03 2.15 0.00	27.85 2.09 0.00	28.21 2.14 0.00	29.27 2.39 0.00	30.64 2.43 0.00	32.40 2.62 0.00	35.31 2.86 -0.01	40.39 2.78 0.00	46.10 3.41 0.00	48.08 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.11 2.45 -0.01	25.17 1.93 -0.01
GOWANUS_GT1_3 24079	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.67 1.44 0.00	31.99 1.75 0.00	35.17 2.15 0.00	34.45 2.40 0.00	30.03 2.15 0.00	27.85 2.09 0.00	28.21 2.14 0.00	29.27 2.39 0.00	30.64 2.43 0.00	32.40 2.62 0.00	35.31 2.86 -0.01	40.39 2.78 0.00	46.10 3.41 0.00	48.08 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.11 2.45 -0.01	25.17 1.93 -0.01
GOWANUS_GT1_4 24080	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.67 1.44 0.00	31.99 1.75 0.00	35.17 2.15 0.00	34.45 2.40 0.00	30.03 2.15 0.00	27.85 2.09 0.00	28.21 2.14 0.00	29.27 2.39 0.00	30.64 2.43 0.00	32.40 2.62 0.00	35.31 2.86 -0.01	40.39 2.78 0.00	46.10 3.41 0.00	48.08 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.11 2.45 -0.01	25.17 1.93 -0.01
GOWANUS_GT1_5 24084	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.67 1.44 0.00	31.99 1.75 0.00	35.17 2.15 0.00	34.45 2.40 0.00	30.03 2.15 0.00	27.85 2.09 0.00	28.21 2.14 0.00	29.27 2.39 0.00	30.64 2.43 0.00	32.40 2.62 0.00	35.31 2.86 -0.01	40.39 2.78 0.00	46.10 3.41 0.00	48.08 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.11 2.45 -0.01	25.17 1.93 -0.01
GOWANUS_GT1_6 24111	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.67 1.44 0.00	31.99 1.75 0.00	35.17 2.15 0.00	34.45 2.40 0.00	30.03 2.15 0.00	27.85 2.09 0.00	28.21 2.14 0.00	29.27 2.39 0.00	30.64 2.43 0.00	32.40 2.62 0.00	35.31 2.86 -0.01	40.39 2.78 0.00	46.10 3.41 0.00	48.08 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.11 2.45 -0.01	25.17 1.93 -0.01
GOWANUS_GT1_7 24112	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.67 1.44 0.00	31.99 1.75 0.00	35.17 2.15 0.00	34.45 2.40 0.00	30.03 2.15 0.00	27.85 2.09 0.00	28.21 2.14 0.00	29.27 2.39 0.00	30.64 2.43 0.00	32.40 2.62 0.00	35.31 2.86 -0.01	40.39 2.78 0.00	46.10 3.41 0.00	48.08 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.11 2.45 -0.01	25.17 1.93 -0.01
GOWANUS_GT1_8 24113	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.67 1.44 0.00	31.99 1.75 0.00	35.17 2.15 0.00	34.45 2.40 0.00	30.03 2.15 0.00	27.85 2.09 0.00	28.21 2.14 0.00	29.27 2.39 0.00	30.64 2.43 0.00	32.40 2.62 0.00	35.31 2.86 -0.01	40.39 2.78 0.00	46.10 3.41 0.00	48.08 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.11 2.45 -0.01	25.17 1.93 -0.01
GOWANUS_GT2_1 24114	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01
GOWANUS_GT2_2 24115	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01
GOWANUS_GT2_3 24116	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01

GOWANUS_GT2_4 24117	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01
GOWANUS_GT2_5 24118	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01
GOWANUS_GT2_6 24119	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01
GOWANUS_GT2_7 24120	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01
GOWANUS_GT2_8 24121	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01
GOWANUS_GT3_1 24122	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01
GOWANUS_GT3_2 24123	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01
GOWANUS_GT3_3 24124	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01
GOWANUS_GT3_4 24125	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01
GOWANUS_GT3_5 24126	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01
GOWANUS_GT3_6 24127	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01
GOWANUS_GT3_7 24128	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01
GOWANUS_GT3_8 24129	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01
GOWANUS_GT4_1 24130	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.67 1.44 0.00	31.99 1.75 0.00	35.17 2.15 0.00	34.45 2.40 0.00	30.03 2.15 0.00	27.85 2.09 0.00	28.21 2.14 0.00	29.27 2.39 0.00	30.64 2.43 0.00	32.40 2.62 0.00	35.31 2.86 -0.01	40.39 2.78 0.00	46.10 3.41 0.00	48.08 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.11 2.45 -0.01	25.17 1.93 -0.01
GOWANUS_GT4_2 24131	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.67 1.44 0.00	31.99 1.75 0.00	35.17 2.15 0.00	34.45 2.40 0.00	30.03 2.15 0.00	27.85 2.09 0.00	28.21 2.14 0.00	29.27 2.39 0.00	30.64 2.43 0.00	32.40 2.62 0.00	35.31 2.86 -0.01	40.39 2.78 0.00	46.10 3.41 0.00	48.08 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.11 2.45 -0.01	25.17 1.93 -0.01

GOWANUS_GT4_3 24132	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.67 1.44 0.00	31.99 1.75 0.00	35.17 2.15 0.00	34.45 2.40 0.00	30.03 2.15 0.00	27.85 2.09 0.00	28.21 2.14 0.00	29.27 2.39 0.00	30.64 2.43 0.00	32.40 2.62 0.00	35.31 2.86 -0.01	40.39 2.78 0.00	46.10 3.41 0.00	48.08 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.11 2.45 -0.01	25.17 1.93 -0.01
GOWANUS_GT4_4 24133	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.67 1.44 0.00	31.99 1.75 0.00	35.17 2.15 0.00	34.45 2.40 0.00	30.03 2.15 0.00	27.85 2.09 0.00	28.21 2.14 0.00	29.27 2.39 0.00	30.64 2.43 0.00	32.40 2.62 0.00	35.31 2.86 -0.01	40.39 2.78 0.00	46.10 3.41 0.00	48.08 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.11 2.45 -0.01	25.17 1.93 -0.01
GOWANUS_GT4_5 24134	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.67 1.44 0.00	31.99 1.75 0.00	35.17 2.15 0.00	34.45 2.40 0.00	30.03 2.15 0.00	27.85 2.09 0.00	28.21 2.14 0.00	29.27 2.39 0.00	30.64 2.43 0.00	32.40 2.62 0.00	35.31 2.86 -0.01	40.39 2.78 0.00	46.10 3.41 0.00	48.08 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.11 2.45 -0.01	25.17 1.93 -0.01
GOWANUS_GT4_6 24135	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.67 1.44 0.00	31.99 1.75 0.00	35.17 2.15 0.00	34.45 2.40 0.00	30.03 2.15 0.00	27.85 2.09 0.00	28.21 2.14 0.00	29.27 2.39 0.00	30.64 2.43 0.00	32.40 2.62 0.00	35.31 2.86 -0.01	40.39 2.78 0.00	46.10 3.41 0.00	48.08 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.11 2.45 -0.01	25.17 1.93 -0.01
GOWANUS_GT4_7 24136	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.67 1.44 0.00	31.99 1.75 0.00	35.17 2.15 0.00	34.45 2.40 0.00	30.03 2.15 0.00	27.85 2.09 0.00	28.21 2.14 0.00	29.27 2.39 0.00	30.64 2.43 0.00	32.40 2.62 0.00	35.31 2.86 -0.01	40.39 2.78 0.00	46.10 3.41 0.00	48.08 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.11 2.45 -0.01	25.17 1.93 -0.01
GOWANUS_GT4_8 24137	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.67 1.44 0.00	31.99 1.75 0.00	35.17 2.15 0.00	34.45 2.40 0.00	30.03 2.15 0.00	27.85 2.09 0.00	28.21 2.14 0.00	29.27 2.39 0.00	30.64 2.43 0.00	32.40 2.62 0.00	35.31 2.86 -0.01	40.39 2.78 0.00	46.10 3.41 0.00	48.08 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.11 2.45 -0.01	25.17 1.93 -0.01
GREENBSH_115KV_TB3 55895	22.76 0.62 0.00	21.41 0.68 0.00	20.43 0.67 0.00	19.32 0.65 0.00	20.35 0.65 0.00	21.74 0.51 0.00	30.84 0.60 0.00	33.45 0.43 0.00	32.53 0.48 0.00	28.22 0.33 0.00	26.02 0.26 0.00	26.25 0.18 0.00	27.34 0.46 0.00	28.69 0.48 0.00	30.38 0.60 0.00	33.20 0.75 0.00	38.43 0.83 0.00	38.88 1.11 4.92	43.11 1.25 2.61	40.02 1.05 0.04	33.81 1.02 2.48	25.43 0.82 5.91	25.63 0.75 1.76	23.46 0.60 0.38
GREENIDGE_115KV_TB5 80291	21.48 -0.66 0.00	20.14 -0.58 0.00	19.10 -0.65 0.00	18.05 -0.62 0.00	19.13 -0.57 0.00	20.79 -0.45 0.00	30.02 -0.21 0.00	32.95 -0.07 0.00	31.53 -0.51 0.00	27.44 -0.45 0.00	25.48 -0.28 0.00	25.84 -0.23 0.00	26.53 -0.35 0.00	27.93 -0.28 0.00	29.24 -0.54 0.00	31.70 -0.75 0.00	36.78 -0.83 0.00	41.38 -1.24 0.06	43.13 -1.29 0.06	37.91 -1.09 0.00	33.03 -0.85 1.40	29.78 -0.73 0.00	25.96 -0.69 0.00	22.73 -0.51 0.00
GREENIDGE___3 23582	21.48 -0.66 0.00	20.14 -0.58 0.00	19.10 -0.65 0.00	18.05 -0.62 0.00	19.13 -0.57 0.00	20.79 -0.45 0.00	30.02 -0.21 0.00	32.95 -0.07 0.00	31.53 -0.51 0.00	27.44 -0.45 0.00	25.48 -0.28 0.00	25.84 -0.23 0.00	26.53 -0.35 0.00	27.93 -0.28 0.00	29.24 -0.54 0.00	31.70 -0.75 0.00	36.78 -0.83 0.00	41.38 -1.24 0.06	43.13 -1.29 0.06	37.91 -1.09 0.00	33.03 -0.85 1.40	29.78 -0.73 0.00	25.96 -0.69 0.00	22.73 -0.51 0.00
GREENIDGE___4 23583	21.48 -0.66 0.00	20.14 -0.58 0.00	19.10 -0.65 0.00	18.07 -0.60 0.00	19.13 -0.57 0.00	20.81 -0.42 0.00	30.03 -0.21 0.00	32.95 -0.07 0.00	31.53 -0.51 0.00	27.44 -0.45 0.00	25.51 -0.26 0.00	25.84 -0.24 0.00	26.88 0.00 0.00	27.93 -0.28 0.00	29.25 -0.54 0.00	31.71 -0.75 0.00	36.78 -0.83 0.00	41.38 -1.24 0.06	43.08 -1.33 0.06	38.22 -0.78 0.00	33.07 -0.81 1.40	29.78 -0.73 0.00	25.96 -0.69 0.00	22.73 -0.51 0.00
GREENLWN_69_KV_BK 3 55738	23.89 1.75 0.00	22.07 1.35 0.00	20.98 1.22 0.00	19.83 1.16 0.00	20.82 1.12 0.00	22.67 1.44 0.00	31.90 1.66 0.00	34.21 1.19 0.00	33.97 1.92 0.00	30.00 2.12 0.00	27.82 2.06 0.00	28.23 2.16 0.00	29.27 2.39 0.00	30.50 2.29 0.00	31.81 2.03 0.00	34.14 1.69 0.00	39.37 1.77 0.01	44.86 2.18 0.00	46.96 2.49 0.00	41.30 2.30 0.00	37.32 2.05 0.00	32.71 2.20 0.00	29.19 2.53 -0.01	25.29 2.04 -0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.67 1.44 0.00	31.99 1.75 0.00	35.17 2.15 0.00	34.45 2.40 0.00	30.03 2.15 0.00	27.85 2.09 0.00	28.21 2.14 0.00	29.27 2.39 0.00	30.64 2.43 0.00	32.40 2.62 0.00	35.31 2.86 -0.01	40.39 2.78 0.00	46.10 3.41 0.00	48.08 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.11 2.45 -0.01	25.17 1.93 -0.01
GRISSOM___SOLAR 323813	23.58 1.44 0.00	22.03 1.31 0.00	20.88 1.13 0.00	19.75 1.08 0.00	20.86 1.16 0.00	22.53 1.30 0.00	32.17 1.94 0.00	35.10 2.08 0.00	34.00 1.96 0.00	29.28 1.39 0.00	26.85 1.08 0.00	26.98 0.91 0.00	27.76 0.89 0.00	29.28 1.07 0.00	31.03 1.25 0.00	34.43 1.98 0.00	39.82 2.22 0.00	46.47 2.90 -0.89	48.06 3.11 -0.47	41.78 2.77 -0.01	38.33 2.61 -0.45	33.75 2.17 -1.07	28.78 1.81 -0.32	24.79 1.49 -0.07
GROVEVILLE___HYD 323602	23.56 1.42 0.00	21.90 1.18 0.00	20.90 1.15 0.00	19.73 1.06 0.00	20.80 1.10 0.00	22.42 1.19 0.00	31.78 1.54 0.00	34.84 1.82 0.00	34.10 2.05 0.00	29.61 1.73 0.00	27.36 1.60 0.00	27.69 1.62 0.00	28.68 1.80 0.00	29.99 1.78 0.00	31.81 2.03 0.00	34.69 2.24 0.00	40.09 2.48 0.00	45.63 2.95 0.00	47.72 3.25 0.00	41.77 2.77 0.00	37.85 2.58 0.00	32.65 2.14 0.00	28.60 1.95 0.00	24.77 1.53 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.85 -0.29 0.00	20.47 -0.25 0.00	19.46 -0.30 0.00	18.39 -0.28 0.00	19.42 -0.28 0.00	21.02 -0.21 0.00	30.02 -0.21 0.00	32.79 -0.23 0.00	31.66 -0.38 0.00	27.55 -0.33 0.00	25.45 -0.31 0.00	25.78 -0.29 0.00	26.56 -0.32 0.00	27.90 -0.31 0.00	29.45 -0.33 0.00	32.03 -0.42 0.00	37.12 -0.49 0.00	42.08 -0.60 0.00	43.85 -0.62 0.00	38.46 -0.55 0.00	34.74 -0.53 0.00	30.08 -0.43 0.00	26.25 -0.40 0.00	22.91 -0.33 0.00

HAMLTNNY_34_KV_TB 80303	21.79 -0.35 0.00	20.41 -0.31 0.00	19.40 -0.36 0.00	18.33 -0.34 0.00	19.38 -0.32 0.00	20.96 -0.28 0.00	30.02 -0.21 0.00	32.79 -0.23 0.00	31.60 -0.45 0.00	27.52 -0.36 0.00	25.45 -0.31 0.00	25.76 -0.31 0.00	26.53 -0.35 0.00	27.90 -0.31 0.00	29.42 -0.36 0.00	31.96 -0.49 0.00	37.04 -0.56 0.00	42.04 -0.64 0.00	43.81 -0.67 0.00	38.42 -0.59 0.00	34.67 -0.60 0.00	30.05 -0.46 0.00	26.22 -0.43 0.00	22.89 -0.35 0.00
HAMPSHIRE___PAPER_HYD 323593	28.69 0.33 -6.22	29.32 0.29 -8.31	27.85 0.22 -7.87	27.78 0.24 -8.87	31.78 0.26 -11.82	34.19 0.45 -12.52	31.38 1.15 0.00	34.47 1.45 0.00	33.10 1.06 0.00	28.64 0.75 0.00	26.23 0.46 0.00	26.56 0.49 0.00	27.34 0.46 0.00	28.64 0.42 0.00	30.23 0.45 0.00	32.94 0.49 0.00	38.66 1.05 0.00	44.13 1.45 0.00	45.99 1.51 0.00	40.33 1.33 0.00	36.31 1.16 0.12	44.63 0.76 -13.35	41.88 0.35 -14.88	37.05 0.42 -13.40
HARDSCRABBLE_WT_PWR 323673	22.92 0.24 -0.54	21.29 0.25 -0.32	20.33 0.26 -0.32	19.13 0.26 -0.20	19.99 0.30 0.00	21.57 0.34 0.00	30.72 0.48 0.00	33.58 0.56 0.00	32.62 0.58 0.00	28.39 0.50 0.00	26.28 0.52 0.00	26.62 0.55 0.00	27.47 0.59 0.00	28.81 0.59 0.00	30.38 0.60 0.00	33.04 0.58 0.00	38.21 0.60 0.00	43.28 0.60 0.00	44.92 0.44 0.00	39.31 0.31 0.00	35.55 0.25 -0.03	30.67 0.15 0.00	26.70 0.05 0.00	23.31 0.07 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	23.49 1.35 0.00	21.82 1.10 0.00	20.82 1.07 0.00	19.68 1.01 0.00	20.74 1.04 0.00	22.36 1.13 0.00	31.69 1.45 0.00	34.77 1.75 0.00	34.00 1.95 0.00	29.53 1.65 0.00	27.31 1.55 0.00	27.64 1.56 0.00	28.65 1.77 0.00	29.96 1.75 0.00	31.75 1.97 0.00	34.62 2.17 0.00	39.98 2.37 0.00	45.54 2.86 0.00	47.59 3.11 0.00	41.69 2.69 0.00	37.74 2.47 0.00	32.56 2.04 0.00	28.52 1.87 0.00	24.70 1.46 0.00
HARSNRAD_115KV_TB1 81005	20.04 -2.10 0.00	18.96 -1.76 0.00	17.92 -1.84 0.00	16.93 -1.74 0.00	17.98 -1.71 0.00	19.43 -1.80 0.00	28.21 -2.03 0.00	30.77 -2.25 0.00	29.23 -2.82 0.00	25.60 -2.29 0.00	24.29 -1.47 0.00	24.72 -1.36 0.00	25.10 -1.77 0.00	26.55 -1.66 0.00	27.37 -2.41 0.00	29.47 -2.99 0.00	33.85 -3.76 0.00	38.01 -4.65 0.02	39.56 -4.89 0.02	34.79 -4.21 0.00	30.96 -3.88 0.43	27.52 -2.99 0.00	24.17 -2.48 0.00	21.54 -1.70 0.00
HARZA MOOSE___RIVER 24016	24.62 0.40 -2.08	23.61 0.37 -2.52	22.47 0.32 -2.40	21.58 0.32 -2.60	23.30 0.32 -3.29	25.16 0.45 -3.48	31.14 0.91 0.00	34.14 1.12 0.00	32.94 0.90 0.00	28.53 0.64 0.00	26.25 0.49 0.00	26.59 0.52 0.00	27.39 0.51 0.00	28.78 0.56 0.00	30.38 0.60 0.00	33.07 0.62 0.00	38.55 0.94 0.00	43.83 1.15 0.00	45.67 1.20 0.00	40.06 1.05 0.00	36.21 0.95 0.02	34.90 0.67 -3.72	31.22 0.43 -4.14	27.43 0.46 -3.73
HDSNBRDG_115KV_BRDG_TB1 355580	21.74 -0.40 0.00	20.37 -0.35 0.00	19.38 -0.38 0.00	18.31 -0.35 0.00	19.34 -0.35 0.00	20.91 -0.32 0.00	29.87 -0.36 0.00	32.59 -0.43 0.00	31.47 -0.58 0.00	27.41 -0.47 0.00	25.35 -0.41 0.00	25.65 -0.42 0.00	26.45 -0.43 0.00	27.79 -0.42 0.00	29.27 -0.51 0.00	31.83 -0.62 0.00	36.89 -0.71 0.00	41.83 -0.85 0.00	43.58 -0.89 0.00	38.26 -0.74 0.00	34.53 -0.74 0.00	29.90 -0.61 0.00	26.12 -0.53 0.00	22.80 -0.44 0.00
HELLGATE_13_KV_LD 55870	23.76 1.62 -0.01	22.07 1.35 0.00	21.09 1.32 -0.01	19.91 1.23 -0.01	20.92 1.22 0.00	22.59 1.36 0.00	31.81 1.57 0.00	34.97 1.95 0.00	34.29 2.24 0.00	29.89 2.01 0.00	27.72 1.96 0.00	28.08 2.01 0.00	29.14 2.26 0.00	30.47 2.26 0.00	32.22 2.44 0.00	35.11 2.66 0.00	40.20 2.59 0.00	45.84 3.16 0.00	47.81 3.34 0.00	41.85 2.85 0.00	38.10 2.82 0.00	32.80 2.29 0.00	28.94 2.29 0.00	25.03 1.79 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	23.76 1.62 -0.01	22.07 1.35 0.00	21.09 1.32 -0.01	19.91 1.23 -0.01	20.92 1.22 0.00	22.59 1.36 0.00	31.81 1.57 0.00	34.97 1.95 0.00	34.29 2.24 0.00	29.89 2.01 0.00	27.72 1.96 0.00	28.08 2.01 0.00	29.14 2.26 0.00	30.47 2.26 0.00	32.22 2.44 0.00	35.11 2.66 0.00	40.20 2.59 0.00	45.84 3.16 0.00	47.81 3.34 0.00	41.85 2.85 0.00	38.10 2.82 0.00	32.80 2.29 0.00	28.94 2.29 0.00	25.03 1.79 -0.01
HEMPSTEAD____ 23647	23.78 1.64 0.00	22.01 1.29 0.00	20.92 1.17 0.00	19.73 1.06 0.00	20.78 1.08 0.00	22.53 1.30 0.00	31.81 1.57 0.00	34.51 1.49 0.00	34.10 2.05 0.00	29.86 1.98 0.00	27.67 1.91 0.00	28.08 2.01 0.00	28.90 2.02 0.00	30.44 2.23 0.00	31.83 2.05 0.00	34.40 1.95 0.00	39.63 2.03 0.01	45.20 2.52 0.00	47.19 2.71 0.00	41.46 2.46 0.00	37.50 2.22 0.00	32.80 2.29 0.00	29.01 2.35 -0.01	25.16 1.91 -0.01
HEWLETT_69_KV_BK3 55828	23.96 1.82 0.00	22.15 1.43 0.00	21.06 1.30 0.00	19.90 1.23 0.00	20.90 1.20 0.00	22.74 1.51 0.00	32.02 1.78 0.00	34.70 1.68 0.00	34.35 2.31 0.00	30.11 2.23 0.00	27.95 2.19 0.00	28.39 2.32 0.00	29.41 2.53 0.00	30.75 2.54 0.00	32.22 2.44 0.00	34.72 2.27 0.00	39.97 2.37 0.01	45.54 2.86 0.00	47.68 3.20 0.00	41.85 2.85 0.00	37.88 2.61 0.00	33.14 2.62 0.00	29.28 2.61 -0.01	25.37 2.11 -0.01
HICKLING___1 23621	21.48 -0.66 0.00	20.14 -0.58 0.00	19.06 -0.69 0.00	18.05 -0.62 0.00	19.11 -0.59 0.00	20.76 -0.47 0.00	29.90 -0.33 0.00	32.85 -0.17 0.00	31.44 -0.61 0.00	27.35 -0.53 0.00	25.51 -0.26 0.00	25.89 -0.18 0.00	26.61 -0.27 0.00	28.01 -0.20 0.00	29.21 -0.57 0.00	31.61 -0.84 0.00	36.59 -1.02 0.00	41.43 -1.20 0.05	43.18 -1.25 0.05	37.91 -1.09 0.00	32.99 -1.02 1.26	29.63 -0.88 0.00	25.88 -0.77 0.00	22.75 -0.49 0.00
HICKLING___2 23622	21.48 -0.66 0.00	20.14 -0.58 0.00	19.06 -0.69 0.00	18.05 -0.62 0.00	19.11 -0.59 0.00	20.76 -0.47 0.00	29.90 -0.33 0.00	32.85 -0.17 0.00	31.44 -0.61 0.00	27.35 -0.53 0.00	25.51 -0.26 0.00	25.89 -0.18 0.00	26.61 -0.27 0.00	28.01 -0.20 0.00	29.21 -0.57 0.00	31.61 -0.84 0.00	36.59 -1.02 0.00	41.43 -1.20 0.05	43.18 -1.25 0.05	37.91 -1.09 0.00	32.99 -1.02 1.26	29.63 -0.88 0.00	25.88 -0.77 0.00	22.75 -0.49 0.00
HIGH FALLS___HY 23754	23.45 1.31 0.00	21.74 1.02 0.00	20.78 1.03 0.00	19.60 0.93 0.00	20.68 0.98 0.00	22.34 1.10 0.00	31.66 1.42 0.00	34.84 1.82 0.00	34.10 2.05 0.00	29.61 1.73 0.00	27.36 1.60 0.00	27.74 1.67 0.00	28.71 1.83 0.00	30.02 1.81 0.00	31.78 2.00 0.00	34.62 2.17 0.00	40.01 2.41 0.00	45.09 2.86 0.45	47.39 3.16 0.24	41.69 2.69 0.00	37.59 2.54 0.23	32.08 2.11 0.54	28.38 1.89 0.16	24.67 1.46 0.03
HIGH_RIVER___SOLAR 323847	23.20 1.06 0.00	21.68 0.95 0.00	20.61 0.85 0.00	19.49 0.82 0.00	20.56 0.87 0.00	22.16 0.93 0.00	31.53 1.30 0.00	34.41 1.39 0.00	33.39 1.35 0.00	28.86 0.98 0.00	26.41 0.64 0.00	26.59 0.52 0.00	27.36 0.48 0.00	28.89 0.68 0.00	30.61 0.83 0.00	33.81 1.36 0.00	39.19 1.58 0.00	45.63 2.01 -0.94	47.15 2.18 -0.50	40.92 1.91 -0.01	37.55 1.80 -0.48	33.14 1.49 -1.13	28.29 1.31 -0.34	24.40 1.09 -0.07

HILLBURN___GT 23639	23.47 1.33 0.00	21.80 1.08 0.00	20.80 1.05 0.00	19.66 0.99 0.00	20.70 1.00 0.00	22.33 1.10 0.00	31.66 1.42 0.00	34.77 1.75 0.00	34.00 1.96 0.00	29.59 1.70 0.00	27.36 1.60 0.00	27.71 1.64 0.00	28.52 1.64 0.00	30.07 1.86 0.00	31.75 1.97 0.00	34.59 2.14 0.00	39.94 2.33 0.00	45.50 2.82 0.00	47.50 3.03 0.00	41.62 2.61 0.00	37.64 2.36 0.00	32.49 1.98 0.00	28.49 1.84 0.00	24.70 1.46 0.00
HILLSIDE_115KV_TB1 80332	21.32 -0.82 0.00	20.02 -0.70 0.00	18.97 -0.79 0.00	17.96 -0.71 0.00	18.99 -0.71 0.00	20.62 -0.62 0.00	29.63 -0.60 0.00	32.49 -0.53 0.00	31.15 -0.90 0.00	27.10 -0.78 0.00	25.27 -0.49 0.00	25.65 -0.42 0.00	26.40 -0.48 0.00	27.76 -0.45 0.00	28.95 -0.83 0.00	31.31 -1.14 0.00	36.25 -1.35 0.00	41.10 -1.54 0.05	42.87 -1.56 0.05	37.68 -1.33 0.00	32.82 -1.27 1.19	29.41 -1.10 0.00	25.69 -0.96 0.00	22.61 -0.63 0.00
HISHELDN_WT_PWR 323625	20.30 -1.84 0.00	19.17 -1.55 0.00	18.14 -1.62 0.00	17.19 -1.48 0.00	18.22 -1.48 0.00	19.79 -1.44 0.00	28.57 -1.66 0.00	31.24 -1.78 0.00	29.74 -2.31 0.00	25.99 -1.90 0.00	24.58 -1.18 0.00	25.00 -1.07 0.00	26.21 -0.67 0.00	26.91 -1.30 0.00	27.81 -1.97 0.00	29.98 -2.47 0.00	34.49 -3.12 0.00	38.82 -3.84 0.03	40.36 -4.09 0.03	35.49 -3.51 0.00	31.56 -3.17 0.54	27.89 -2.62 0.00	24.49 -2.16 0.00	21.68 -1.56 0.00
HOLTSVILLE_IC_1 23690	24.13 1.99 0.00	22.28 1.56 0.00	21.12 1.36 0.00	19.92 1.25 0.00	20.98 1.28 0.00	22.82 1.59 0.00	32.08 1.84 0.00	34.54 1.52 0.00	34.25 2.21 0.00	30.06 2.18 0.00	27.83 2.06 0.00	28.23 2.16 0.00	29.06 2.18 0.00	30.61 2.40 0.00	31.86 2.08 0.00	34.27 1.82 0.00	39.59 1.99 0.01	45.11 2.43 0.00	47.14 2.67 0.00	41.62 2.61 0.00	37.57 2.29 0.00	33.08 2.56 0.00	29.43 2.77 -0.01	25.59 2.35 -0.01
HOLTSVILLE_IC_10 23699	24.22 2.08 0.00	22.38 1.66 0.00	21.20 1.44 0.00	19.99 1.33 0.00	21.06 1.36 0.00	22.93 1.70 0.00	32.23 2.00 0.00	34.70 1.68 0.00	34.42 2.37 0.00	30.20 2.31 0.00	27.95 2.19 0.00	28.39 2.32 0.00	29.22 2.34 0.00	30.78 2.57 0.00	32.07 2.29 0.00	34.50 2.05 0.00	39.82 2.22 0.01	45.37 2.69 0.00	47.41 2.93 0.00	41.93 2.93 0.00	37.82 2.54 0.00	33.29 2.78 0.00	29.59 2.93 -0.01	25.73 2.49 -0.01
HOLTSVILLE_IC_2 23691	24.13 1.99 0.00	22.28 1.56 0.00	21.12 1.36 0.00	19.92 1.25 0.00	20.98 1.28 0.00	22.82 1.59 0.00	32.08 1.84 0.00	34.54 1.52 0.00	34.25 2.21 0.00	30.06 2.18 0.00	27.83 2.06 0.00	28.23 2.16 0.00	29.06 2.18 0.00	30.61 2.40 0.00	31.86 2.08 0.00	34.27 1.82 0.00	39.59 1.99 0.01	45.11 2.43 0.00	47.14 2.67 0.00	41.62 2.61 0.00	37.57 2.29 0.00	33.08 2.56 0.00	29.43 2.77 -0.01	25.59 2.35 -0.01
HOLTSVILLE_IC_3 23692	24.13 1.99 0.00	22.28 1.56 0.00	21.12 1.36 0.00	19.92 1.25 0.00	20.98 1.28 0.00	22.82 1.59 0.00	32.08 1.84 0.00	34.54 1.52 0.00	34.25 2.21 0.00	30.06 2.18 0.00	27.83 2.06 0.00	28.23 2.16 0.00	29.06 2.18 0.00	30.61 2.40 0.00	31.86 2.08 0.00	34.27 1.82 0.00	39.59 1.99 0.01	45.11 2.43 0.00	47.14 2.67 0.00	41.62 2.61 0.00	37.57 2.29 0.00	33.08 2.56 0.00	29.43 2.77 -0.01	25.59 2.35 -0.01
HOLTSVILLE_IC_4 23693	24.13 1.99 0.00	22.28 1.56 0.00	21.12 1.36 0.00	19.92 1.25 0.00	20.98 1.28 0.00	22.82 1.59 0.00	32.08 1.84 0.00	34.54 1.52 0.00	34.25 2.21 0.00	30.06 2.18 0.00	27.83 2.06 0.00	28.23 2.16 0.00	29.06 2.18 0.00	30.61 2.40 0.00	31.86 2.08 0.00	34.27 1.82 0.00	39.59 1.99 0.01	45.11 2.43 0.00	47.14 2.67 0.00	41.62 2.61 0.00	37.57 2.29 0.00	33.08 2.56 0.00	29.43 2.77 -0.01	25.59 2.35 -0.01
HOLTSVILLE_IC_5 23694	24.13 1.99 0.00	22.28 1.56 0.00	21.12 1.36 0.00	19.92 1.25 0.00	20.98 1.28 0.00	22.82 1.59 0.00	32.08 1.84 0.00	34.54 1.52 0.00	34.25 2.21 0.00	30.06 2.18 0.00	27.83 2.06 0.00	28.23 2.16 0.00	29.06 2.18 0.00	30.61 2.40 0.00	31.86 2.08 0.00	34.27 1.82 0.00	39.59 1.99 0.01	45.11 2.43 0.00	47.14 2.67 0.00	41.62 2.61 0.00	37.57 2.29 0.00	33.08 2.56 0.00	29.43 2.77 -0.01	25.59 2.35 -0.01
HOLTSVILLE_IC_6 23695	24.22 2.08 0.00	22.38 1.66 0.00	21.20 1.44 0.00	19.99 1.33 0.00	21.06 1.36 0.00	22.93 1.70 0.00	32.23 2.00 0.00	34.70 1.68 0.00	34.42 2.37 0.00	30.20 2.31 0.00	27.95 2.19 0.00	28.39 2.32 0.00	29.22 2.34 0.00	30.78 2.57 0.00	32.07 2.29 0.00	34.50 2.05 0.00	39.82 2.22 0.01	45.37 2.69 0.00	47.41 2.93 0.00	41.93 2.93 0.00	37.82 2.54 0.00	33.29 2.78 0.00	29.59 2.93 -0.01	25.73 2.49 -0.01
HOLTSVILLE_IC_7 23696	24.22 2.08 0.00	22.38 1.66 0.00	21.20 1.44 0.00	19.99 1.33 0.00	21.06 1.36 0.00	22.93 1.70 0.00	32.23 2.00 0.00	34.70 1.68 0.00	34.42 2.37 0.00	30.20 2.31 0.00	27.95 2.19 0.00	28.39 2.32 0.00	29.22 2.34 0.00	30.78 2.57 0.00	32.07 2.29 0.00	34.50 2.05 0.00	39.82 2.22 0.01	45.37 2.69 0.00	47.41 2.93 0.00	41.93 2.93 0.00	37.82 2.54 0.00	33.29 2.78 0.00	29.59 2.93 -0.01	25.73 2.49 -0.01
HOLTSVILLE_IC_8 23697	24.22 2.08 0.00	22.38 1.66 0.00	21.20 1.44 0.00	19.99 1.33 0.00	21.06 1.36 0.00	22.93 1.70 0.00	32.23 2.00 0.00	34.70 1.68 0.00	34.42 2.37 0.00	30.20 2.31 0.00	27.95 2.19 0.00	28.39 2.32 0.00	29.22 2.34 0.00	30.78 2.57 0.00	32.07 2.29 0.00	34.50 2.05 0.00	39.82 2.22 0.01	45.37 2.69 0.00	47.41 2.93 0.00	41.93 2.93 0.00	37.82 2.54 0.00	33.29 2.78 0.00	29.59 2.93 -0.01	25.73 2.49 -0.01
HOLTSVILLE_IC_9 23698	24.22 2.08 0.00	22.38 1.66 0.00	21.20 1.44 0.00	19.99 1.33 0.00	21.06 1.36 0.00	22.93 1.70 0.00	32.23 2.00 0.00	34.70 1.68 0.00	34.42 2.37 0.00	30.20 2.31 0.00	27.95 2.19 0.00	28.39 2.32 0.00	29.22 2.34 0.00	30.78 2.57 0.00	32.07 2.29 0.00	34.50 2.05 0.00	39.82 2.22 0.01	45.37 2.69 0.00	47.41 2.93 0.00	41.93 2.93 0.00	37.82 2.54 0.00	33.29 2.78 0.00	29.59 2.93 -0.01	25.73 2.49 -0.01
HOMER_HL_115KV_TB2 355744	21.08 -1.06 0.00	19.87 -0.85 0.00	18.77 -0.99 0.00	17.79 -0.88 0.00	18.85 -0.85 0.00	20.49 -0.74 0.00	29.72 -0.51 0.00	32.66 -0.36 0.00	31.08 -0.96 0.00	27.08 -0.81 0.00	25.63 -0.13 0.00	26.04 -0.03 0.00	26.64 -0.24 0.00	28.18 -0.03 0.00	28.98 -0.80 0.00	31.19 -1.27 0.00	35.95 -1.65 0.00	40.69 -1.96 0.03	42.54 -1.91 0.03	37.13 -1.87 0.00	33.60 -1.16 0.51	29.05 -1.46 0.00	25.42 -1.23 0.00	22.56 -0.67 0.00
HOWARD_WT_PWR 323690	20.70 -1.44 0.00	19.46 -1.26 0.00	18.45 -1.30 0.00	17.47 -1.20 0.00	18.53 -1.16 0.00	20.17 -1.06 0.00	29.06 -1.18 0.00	31.93 -1.09 0.00	30.60 -1.44 0.00	26.74 -1.14 0.00	25.09 -0.67 0.00	25.50 -0.57 0.00	26.69 -0.19 0.00	27.53 -0.68 0.00	28.62 -1.16 0.00	30.80 -1.65 0.00	35.46 -2.14 0.00	39.98 -2.65 0.05	41.48 -2.94 0.05	36.58 -2.42 0.00	31.79 -2.26 1.22	28.44 -2.08 0.00	24.68 -1.97 0.00	21.68 -1.56 0.00

HQ_GEN_CEDARS 23644	31.54 0.40 -9.00	33.22 0.35 -12.15	31.54 0.28 -11.50	31.96 0.28 -13.01	37.44 0.32 -17.42	40.20 0.53 -18.44	31.66 1.42 0.00	34.80 1.78 0.00	33.39 1.35 0.00	28.89 1.00 0.00	26.41 0.64 0.00	26.75 0.68 0.00	27.47 0.59 0.00	28.78 0.56 0.00	30.41 0.63 0.00	33.13 0.68 0.00	39.04 1.43 0.00	44.60 1.92 0.00	46.39 1.91 0.00	40.64 1.64 0.00	36.57 1.48 0.19	51.13 0.95 -19.67	49.03 0.45 -21.93	43.51 0.53 -19.74
HQ_GEN_CEDARS_PROXY 323590	31.54 0.40 -9.00	33.22 0.35 -12.15	31.54 0.28 -11.50	31.96 0.28 -13.01	37.43 0.31 -17.42	40.21 0.53 -18.44	31.66 1.42 0.00	34.80 1.78 0.00	33.39 1.35 0.00	28.89 1.00 0.00	26.41 0.64 0.00	26.77 0.70 0.00	27.50 0.62 0.00	28.78 0.56 0.00	30.41 0.63 0.00	33.16 0.71 0.00	39.03 1.43 0.00	44.60 1.92 0.00	46.43 1.95 0.00	40.64 1.64 0.00	36.57 1.48 0.19	51.13 0.95 -19.67	49.03 0.45 -21.93	43.51 0.53 -19.74
HQ_GEN_IMPORT 323601	19.65 -0.15 2.33	18.78 -0.14 1.80	17.85 -0.14 1.77	17.07 -0.13 1.47	18.49 -0.14 1.07	19.97 -0.13 1.13	30.11 -0.12 0.00	32.85 -0.16 0.00	31.89 -0.16 0.00	27.77 -0.11 0.00	25.66 -0.10 0.00	25.97 -0.10 0.00	26.75 -0.13 0.00	28.04 -0.17 0.00	29.63 -0.15 0.00	32.29 -0.16 0.00	37.49 -0.11 0.00	42.51 -0.17 0.00	44.25 -0.22 0.00	38.77 -0.23 0.00	34.99 -0.21 0.07	29.15 -0.15 1.21	25.12 -0.19 1.35	21.88 -0.14 1.21
HQ_GEN_WHEEL 23651	19.65 -0.15 2.33	18.78 -0.14 1.80	17.85 -0.14 1.77	17.07 -0.13 1.47	18.49 -0.14 1.07	19.97 -0.13 1.13	30.11 -0.12 0.00	32.85 -0.16 0.00	31.89 -0.16 0.00	27.77 -0.11 0.00	25.66 -0.10 0.00	25.97 -0.10 0.00	26.75 -0.13 0.00	28.04 -0.17 0.00	29.63 -0.15 0.00	32.29 -0.16 0.00	37.49 -0.11 0.00	42.51 -0.17 0.00	44.25 -0.22 0.00	38.77 -0.23 0.00	34.99 -0.21 0.07	29.15 -0.15 1.21	25.12 -0.19 1.35	21.88 -0.14 1.21
HUDSON AVE_GT_3 23810	23.67 1.53 0.00	21.99 1.26 0.00	20.98 1.22 0.00	19.83 1.16 0.00	20.84 1.14 0.00	22.53 1.30 0.00	31.84 1.60 0.00	35.07 2.05 0.00	34.35 2.31 0.00	29.92 2.04 0.00	27.72 1.96 0.00	28.08 2.01 0.00	29.11 2.23 0.00	30.47 2.26 0.00	32.22 2.44 0.00	35.11 2.66 0.00	40.31 2.71 0.00	45.97 3.29 0.00	47.99 3.51 0.00	42.01 3.00 0.00	38.13 2.86 0.00	32.83 2.32 0.00	28.86 2.21 0.00	24.93 1.70 0.00
HUDSON AVE_GT_4 23540	23.67 1.53 0.00	21.99 1.26 0.00	20.98 1.22 0.00	19.83 1.16 0.00	20.84 1.14 0.00	22.53 1.30 0.00	31.84 1.60 0.00	35.07 2.05 0.00	34.35 2.31 0.00	29.92 2.04 0.00	27.72 1.96 0.00	28.08 2.01 0.00	29.11 2.23 0.00	30.47 2.26 0.00	32.22 2.44 0.00	35.11 2.66 0.00	40.31 2.71 0.00	45.97 3.29 0.00	47.99 3.51 0.00	42.01 3.00 0.00	38.13 2.86 0.00	32.83 2.32 0.00	28.86 2.21 0.00	24.93 1.70 0.00
HUDSON AVE_GT_5 23657	23.67 1.53 0.00	21.99 1.26 0.00	20.98 1.22 0.00	19.83 1.16 0.00	20.84 1.14 0.00	22.53 1.30 0.00	31.84 1.60 0.00	35.07 2.05 0.00	34.35 2.31 0.00	29.92 2.04 0.00	27.72 1.96 0.00	28.08 2.01 0.00	29.11 2.23 0.00	30.47 2.26 0.00	32.22 2.44 0.00	35.11 2.66 0.00	40.31 2.71 0.00	45.97 3.29 0.00	47.99 3.51 0.00	42.01 3.00 0.00	38.13 2.86 0.00	32.83 2.32 0.00	28.86 2.21 0.00	24.93 1.70 0.00
HUDSON_AVE_10 24168	23.58 1.44 0.00	21.88 1.16 0.01	20.90 1.15 0.00	19.73 1.06 0.00	20.75 1.06 0.01	22.41 1.19 0.01	31.72 1.48 0.00	34.97 1.95 0.00	34.26 2.21 0.00	29.84 1.95 0.00	27.64 1.88 0.00	28.00 1.93 0.00	29.03 2.15 0.00	30.38 2.17 0.00	32.13 2.35 0.00	35.01 2.56 0.00	40.20 2.59 0.00	45.88 3.20 0.00	47.90 3.42 0.00	41.89 2.89 0.00	38.03 2.75 0.00	32.71 2.20 0.00	28.78 2.13 0.00	24.84 1.60 0.00
HUDSON___115KV_TB 4 355613	23.09 0.95 0.00	21.68 0.95 0.00	20.66 0.91 0.00	19.53 0.86 0.00	20.60 0.91 0.00	22.02 0.79 0.00	31.32 1.09 0.00	33.94 0.92 0.00	32.94 0.90 0.00	28.44 0.56 0.00	26.18 0.41 0.00	26.33 0.26 0.00	27.36 0.48 0.00	28.72 0.51 0.00	30.44 0.66 0.00	33.39 0.94 0.00	38.85 1.24 0.00	41.15 1.84 3.37	44.77 2.09 1.79	40.77 1.79 0.02	35.30 1.73 1.70	27.86 1.40 4.05	26.64 1.20 1.21	23.93 0.95 0.26
HUNTER MOUNT___DRP 323613	23.11 0.97 0.00	21.72 0.99 0.00	20.68 0.93 0.00	19.55 0.88 0.00	20.66 0.97 0.00	22.02 0.79 0.00	31.35 1.12 0.00	33.94 0.92 0.00	32.91 0.87 0.00	28.36 0.47 0.00	26.05 0.28 0.00	26.20 0.13 0.00	27.20 0.32 0.00	28.52 0.31 0.00	30.29 0.51 0.00	33.29 0.84 0.00	38.81 1.20 0.00	42.07 1.92 2.54	45.35 2.22 1.35	40.89 1.91 0.02	35.86 1.87 1.28	28.99 1.53 3.05	26.99 1.25 0.91	24.06 1.02 0.20
HUNTINGTON_RES_REC 323705	24.02 1.88 0.00	22.19 1.47 0.00	21.04 1.28 0.00	19.85 1.18 0.00	20.90 1.20 0.00	22.74 1.51 0.00	32.02 1.78 0.00	34.41 1.39 0.00	34.13 2.08 0.00	30.06 2.18 0.00	27.83 2.06 0.00	28.26 2.19 0.00	29.08 2.20 0.00	30.58 2.37 0.00	31.81 2.03 0.00	34.20 1.75 0.00	39.52 1.92 0.01	45.03 2.35 0.00	47.05 2.58 0.00	41.50 2.50 0.00	37.46 2.19 0.00	32.92 2.41 0.00	29.35 2.69 -0.01	25.48 2.23 -0.01
HUNTLEY___63 23557	20.24 -1.90 0.00	19.13 -1.60 0.00	18.08 -1.68 0.00	17.08 -1.59 0.00	18.14 -1.56 0.00	19.62 -1.61 0.00	28.48 -1.75 0.00	31.07 -1.95 0.00	29.55 -2.50 0.00	25.88 -2.01 0.00	24.58 -1.19 0.00	25.03 -1.04 0.00	25.43 -1.45 0.00	26.94 -1.27 0.00	27.73 -2.05 0.00	29.85 -2.60 0.00	34.26 -3.35 0.00	38.44 -4.23 0.02	40.01 -4.45 0.02	35.14 -3.86 0.00	31.28 -3.63 0.36	27.77 -2.75 0.00	24.44 -2.21 0.00	21.75 -1.49 0.00
HUNTLEY___64 23558	20.24 -1.90 0.00	19.13 -1.60 0.00	18.08 -1.68 0.00	17.08 -1.59 0.00	18.14 -1.56 0.00	19.62 -1.61 0.00	28.48 -1.75 0.00	31.07 -1.95 0.00	29.55 -2.50 0.00	25.88 -2.01 0.00	24.58 -1.19 0.00	25.03 -1.04 0.00	25.43 -1.45 0.00	26.94 -1.27 0.00	27.73 -2.05 0.00	29.85 -2.60 0.00	34.26 -3.35 0.00	38.44 -4.23 0.02	40.01 -4.45 0.02	35.14 -3.86 0.00	31.28 -3.63 0.36	27.77 -2.75 0.00	24.44 -2.21 0.00	21.75 -1.49 0.00
HUNTLEY___65 23559	20.24 -1.90 0.00	19.13 -1.60 0.00	18.08 -1.68 0.00	17.08 -1.59 0.00	18.14 -1.56 0.00	19.62 -1.61 0.00	28.48 -1.75 0.00	31.07 -1.95 0.00	29.55 -2.50 0.00	25.88 -2.01 0.00	24.58 -1.19 0.00	25.03 -1.04 0.00	25.43 -1.45 0.00	26.94 -1.27 0.00	27.73 -2.05 0.00	29.85 -2.60 0.00	34.26 -3.35 0.00	38.44 -4.23 0.02	40.01 -4.45 0.02	35.14 -3.86 0.00	31.28 -3.63 0.36	27.77 -2.75 0.00	24.44 -2.21 0.00	21.75 -1.49 0.00
HUNTLEY___66 23560	20.24 -1.90 0.00	19.13 -1.60 0.00	18.08 -1.68 0.00	17.08 -1.59 0.00	18.14 -1.56 0.00	19.62 -1.61 0.00	28.48 -1.75 0.00	31.07 -1.95 0.00	29.55 -2.50 0.00	25.88 -2.01 0.00	24.58 -1.19 0.00	25.03 -1.04 0.00	25.43 -1.45 0.00	26.94 -1.27 0.00	27.73 -2.05 0.00	29.85 -2.60 0.00	34.26 -3.35 0.00	38.44 -4.23 0.02	40.01 -4.45 0.02	35.14 -3.86 0.00	31.28 -3.63 0.36	27.77 -2.75 0.00	24.44 -2.21 0.00	21.75 -1.49 0.00

HUNTLEY___67 23561	20.17 -1.97 0.00	19.07 -1.66 0.00	18.02 -1.74 0.00	17.04 -1.62 0.00	18.10 -1.60 0.00	19.55 -1.68 0.00	28.33 -1.90 0.00	30.91 -2.11 0.00	29.39 -2.66 0.00	25.74 -2.15 0.00	24.42 -1.34 0.00	24.85 -1.23 0.00	25.27 -1.61 0.00	26.72 -1.50 0.00	27.52 -2.26 0.00	29.63 -2.82 0.00	34.03 -3.57 0.00	38.27 -4.40 0.02	39.83 -4.63 0.02	34.99 -4.02 0.00	31.18 -3.74 0.35	27.64 -2.87 0.00	24.30 -2.35 0.00	21.63 -1.60 0.00
HUNTLEY___68 23562	20.17 -1.97 0.00	19.07 -1.66 0.00	18.02 -1.74 0.00	17.04 -1.62 0.00	18.10 -1.60 0.00	19.55 -1.68 0.00	28.33 -1.90 0.00	30.91 -2.11 0.00	29.39 -2.66 0.00	25.74 -2.15 0.00	24.42 -1.34 0.00	24.85 -1.23 0.00	25.27 -1.61 0.00	26.72 -1.50 0.00	27.52 -2.26 0.00	29.63 -2.82 0.00	34.03 -3.57 0.00	38.27 -4.40 0.02	39.83 -4.63 0.02	34.99 -4.02 0.00	31.18 -3.74 0.35	27.64 -2.87 0.00	24.30 -2.35 0.00	21.63 -1.60 0.00
HYLAND___LFGE 323620	21.41 -0.73 0.00	20.14 -0.58 0.00	19.06 -0.69 0.00	18.00 -0.67 0.00	19.13 -0.57 0.00	20.89 -0.34 0.00	30.45 0.21 0.00	33.48 0.46 0.00	31.50 -0.54 0.00	27.19 -0.70 0.00	25.22 -0.54 0.00	25.47 -0.60 0.00	26.56 -0.32 0.00	27.37 -0.85 0.00	28.53 -1.25 0.00	31.06 -1.39 0.00	36.25 -1.35 0.00	41.50 -1.15 0.03	43.56 -0.89 0.03	38.54 -0.47 0.00	33.91 -0.67 0.69	30.08 -0.43 0.00	26.06 -0.59 0.00	22.82 -0.42 0.00
INDECK___CORINTH 23802	23.80 1.66 0.00	22.24 1.51 0.00	21.08 1.32 0.00	19.92 1.25 0.00	21.04 1.34 0.00	22.65 1.42 0.00	31.48 1.24 0.00	34.37 1.35 0.00	33.49 1.44 0.00	28.94 1.06 0.00	26.69 0.93 0.00	26.83 0.76 0.00	27.50 0.62 0.00	28.94 0.73 0.00	30.58 0.80 0.00	33.59 1.14 0.00	38.89 1.28 0.00	45.97 1.83 -1.46	47.25 2.00 -0.77	40.77 1.76 -0.01	37.67 1.66 -0.74	33.60 1.34 -1.75	28.40 1.23 -0.52	24.95 1.60 -0.11
INDECK___ILION 23567	22.92 0.24 -0.54	21.29 0.25 -0.32	20.31 0.24 -0.32	19.09 0.22 -0.20	19.93 0.24 0.00	21.51 0.28 0.00	30.60 0.36 0.00	33.45 0.43 0.00	32.49 0.45 0.00	28.25 0.36 0.00	26.12 0.36 0.00	26.46 0.39 0.00	27.28 0.40 0.00	28.63 0.42 0.00	30.23 0.45 0.00	32.91 0.45 0.00	38.09 0.49 0.00	43.24 0.55 0.00	45.01 0.53 0.00	39.39 0.39 0.00	35.69 0.39 -0.03	30.79 0.27 0.00	26.86 0.21 0.00	23.45 0.21 0.00
INDECK___OLEAN 23982	21.08 -1.06 0.00	19.87 -0.85 0.00	18.77 -0.99 0.00	17.81 -0.86 0.00	18.85 -0.85 0.00	20.55 -0.68 0.00	29.72 -0.51 0.00	32.66 -0.36 0.00	31.08 -0.96 0.00	27.07 -0.81 0.00	25.64 -0.13 0.00	26.07 0.00 0.00	27.28 0.40 0.00	28.18 -0.03 0.00	28.98 -0.80 0.00	31.22 -1.23 0.00	35.95 -1.65 0.00	40.74 -1.92 0.03	42.18 -2.27 0.03	37.17 -1.83 0.00	33.74 -1.02 0.51	29.05 -1.46 0.00	25.45 -1.20 0.00	22.56 -0.67 0.00
INDECK___OSWEGO 23783	22.16 -0.55 -0.57	20.89 -0.48 -0.64	19.88 -0.49 -0.61	18.84 -0.47 -0.64	20.00 -0.47 -0.77	21.58 -0.47 -0.82	29.63 -0.60 0.00	32.29 -0.73 0.00	31.21 -0.83 0.00	27.16 -0.73 0.00	25.09 -0.67 0.00	25.39 -0.68 0.00	26.26 -0.62 0.00	27.48 -0.73 0.00	28.98 -0.80 0.00	31.54 -0.91 0.00	36.55 -1.05 0.00	41.49 -1.19 0.00	43.23 -1.24 0.00	37.95 -1.05 0.00	34.29 -0.99 0.00	30.53 -0.85 -0.87	26.88 -0.75 -0.97	23.49 -0.63 -0.88
INDECK___YERKES 23781	20.26 -1.88 0.00	19.15 -1.58 0.00	18.10 -1.66 0.00	17.16 -1.51 0.00	18.16 -1.54 0.00	19.72 -1.51 0.00	28.51 -1.72 0.00	31.10 -1.92 0.00	29.58 -2.47 0.00	25.90 -1.98 0.00	24.63 -1.13 0.00	25.08 -0.99 0.00	26.40 -0.48 0.00	26.97 -1.24 0.00	27.79 -2.00 0.00	29.92 -2.53 0.00	34.30 -3.31 0.00	38.48 -4.18 0.02	40.05 -4.40 0.02	35.22 -3.78 0.00	31.46 -3.46 0.36	27.80 -2.72 0.00	24.49 -2.16 0.00	21.77 -1.46 0.00
INDIAN POINT_GT_1 24139	23.47 1.33 0.00	21.82 1.10 0.00	20.84 1.09 0.00	19.68 1.01 0.00	20.72 1.02 0.00	22.38 1.15 0.00	31.66 1.42 0.00	34.77 1.75 0.00	34.03 1.99 0.00	29.61 1.73 0.00	27.41 1.65 0.00	27.74 1.67 0.00	28.73 1.85 0.00	30.10 1.89 0.00	31.84 2.05 0.00	34.66 2.21 0.00	39.94 2.33 0.00	45.54 2.86 0.00	47.54 3.07 0.00	41.62 2.61 0.00	37.71 2.43 0.00	32.53 2.01 0.00	28.54 1.89 0.00	24.70 1.46 0.00
INDIAN POINT_GT_2 23659	23.47 1.33 0.00	21.82 1.10 0.00	20.84 1.09 0.00	19.68 1.01 0.00	20.72 1.02 0.00	22.38 1.15 0.00	31.66 1.42 0.00	34.77 1.75 0.00	34.03 1.99 0.00	29.61 1.73 0.00	27.41 1.65 0.00	27.74 1.67 0.00	28.73 1.85 0.00	30.10 1.89 0.00	31.84 2.05 0.00	34.66 2.21 0.00	39.94 2.33 0.00	45.54 2.86 0.00	47.54 3.07 0.00	41.62 2.61 0.00	37.71 2.43 0.00	32.53 2.01 0.00	28.54 1.89 0.00	24.70 1.46 0.00
INDIAN POINT_GT_3 24019	23.47 1.33 0.00	21.82 1.10 0.00	20.84 1.09 0.00	19.68 1.01 0.00	20.72 1.02 0.00	22.38 1.15 0.00	31.66 1.42 0.00	34.77 1.75 0.00	34.03 1.99 0.00	29.61 1.73 0.00	27.41 1.65 0.00	27.74 1.67 0.00	28.73 1.85 0.00	30.10 1.89 0.00	31.84 2.05 0.00	34.66 2.21 0.00	39.94 2.33 0.00	45.54 2.86 0.00	47.54 3.07 0.00	41.62 2.61 0.00	37.71 2.43 0.00	32.53 2.01 0.00	28.54 1.89 0.00	24.70 1.46 0.00
INDIAN POINT___2 23530	23.47 1.33 0.00	21.80 1.08 0.00	20.82 1.07 0.00	19.66 0.99 0.00	20.70 1.00 0.00	22.33 1.10 0.00	31.63 1.39 0.00	34.73 1.72 0.00	34.00 1.96 0.00	29.59 1.70 0.00	27.36 1.60 0.00	27.71 1.64 0.00	28.52 1.64 0.00	30.07 1.86 0.00	31.78 2.00 0.00	34.59 2.14 0.00	39.90 2.29 0.00	45.45 2.77 0.00	47.45 2.98 0.00	41.58 2.57 0.00	37.64 2.36 0.00	32.49 1.98 0.00	28.51 1.86 0.00	24.70 1.46 0.00
INDIAN POINT___3 23531	23.45 1.31 0.00	21.80 1.08 0.00	20.82 1.07 0.00	19.66 0.99 0.00	20.70 1.00 0.00	22.36 1.13 0.00	31.63 1.39 0.00	34.74 1.72 0.00	34.00 1.95 0.00	29.58 1.70 0.00	27.36 1.60 0.00	27.71 1.64 0.00	28.71 1.83 0.00	30.07 1.86 0.00	31.78 2.00 0.00	34.62 2.17 0.00	39.90 2.29 0.00	45.46 2.77 0.00	47.50 3.02 0.00	41.58 2.57 0.00	37.67 2.40 0.00	32.46 1.95 0.00	28.52 1.87 0.00	24.70 1.46 0.00
INGHAM_C_115KV_TB7 356103	23.03 0.35 -0.54	21.39 0.35 -0.32	20.43 0.36 -0.32	19.21 0.34 -0.20	20.07 0.37 0.00	21.66 0.42 0.00	30.81 0.57 0.00	33.71 0.69 0.00	32.72 0.67 0.00	28.44 0.56 0.00	26.33 0.57 0.00	26.70 0.63 0.00	27.52 0.65 0.00	28.89 0.68 0.00	30.47 0.68 0.00	33.13 0.68 0.00	38.36 0.75 0.00	43.45 0.77 0.00	45.14 0.67 0.00	39.51 0.51 0.00	35.76 0.46 -0.03	30.85 0.34 0.00	26.89 0.24 0.00	23.47 0.23 0.00
IP CORINTH___1 23988	23.80 1.66 0.00	22.24 1.51 0.00	21.08 1.32 0.00	19.92 1.25 0.00	21.04 1.34 0.00	22.65 1.42 0.00	31.63 1.39 0.00	34.54 1.52 0.00	33.65 1.60 0.00	29.08 1.20 0.00	26.82 1.06 0.00	26.96 0.89 0.00	27.71 0.83 0.00	29.09 0.87 0.00	30.70 0.92 0.00	33.75 1.30 0.00	39.07 1.47 0.00	46.19 2.05 -1.46	47.51 2.27 -0.77	41.00 1.99 -0.01	37.84 1.83 -0.74	33.76 1.50 -1.75	28.53 1.36 -0.52	24.95 1.60 -0.11

IP___TICONDEROGA 23804	24.71 2.57 0.00	23.11 2.38 0.00	21.77 2.02 0.00	20.57 1.90 0.00	21.75 2.05 0.00	23.46 2.23 0.00	33.08 2.84 0.00	36.06 3.04 0.00	35.12 3.08 0.00	30.20 2.31 0.00	27.85 2.09 0.00	27.95 1.88 0.00	28.71 1.83 0.00	30.10 1.89 0.00	31.78 2.00 0.00	35.08 2.63 0.00	40.58 2.97 0.00	48.16 3.97 -1.51	49.63 4.36 -0.80	42.87 3.86 -0.01	39.60 3.56 -0.76	35.29 2.96 -1.81	29.75 2.56 -0.54	25.86 2.51 -0.12
ISLIP_RES_REC 323679	24.31 2.17 0.00	22.44 1.72 0.00	21.26 1.50 0.00	20.05 1.38 0.00	21.12 1.42 0.00	22.99 1.76 0.00	32.32 2.08 0.00	34.83 1.81 0.00	34.58 2.53 0.00	30.31 2.42 0.00	28.06 2.29 0.00	28.50 2.42 0.00	29.32 2.45 0.00	30.92 2.71 0.00	32.19 2.41 0.00	34.66 2.21 0.00	40.04 2.44 0.01	45.62 2.94 0.00	47.68 3.20 0.00	42.12 3.12 0.00	37.99 2.72 0.00	33.47 2.96 0.00	29.70 3.04 -0.01	25.82 2.58 -0.01
JAMAICA__27_KV_LOAD 355505	23.53 1.39 0.00	21.83 1.12 0.01	20.86 1.11 0.00	19.71 1.05 0.00	20.71 1.02 0.01	22.39 1.17 0.01	31.75 1.51 0.00	35.07 2.05 0.00	34.38 2.34 0.00	29.95 2.06 0.00	27.72 1.96 0.00	28.08 2.01 0.00	29.14 2.26 0.00	30.50 2.29 0.00	32.25 2.47 0.00	35.18 2.73 0.00	40.43 2.82 0.00	46.14 3.46 0.00	48.16 3.69 0.00	42.16 3.16 0.00	38.27 3.00 0.00	32.83 2.32 0.00	28.83 2.19 0.00	24.86 1.63 0.00
JANIS___SOLAR 323808	22.67 0.53 0.00	21.20 0.48 0.00	20.15 0.39 0.00	19.06 0.39 0.00	20.13 0.43 0.00	21.91 0.68 0.00	31.56 1.33 0.00	34.67 1.65 0.00	33.20 1.15 0.00	28.69 0.81 0.00	26.38 0.62 0.00	26.72 0.65 0.00	27.63 0.75 0.00	28.92 0.71 0.00	30.53 0.74 0.00	33.23 0.78 0.00	38.81 1.20 0.00	44.28 1.53 -0.07	46.00 1.47 -0.06	40.33 1.33 0.00	38.00 1.16 -1.56	31.40 0.89 0.00	27.29 0.64 0.00	23.86 0.63 0.00
JARVIS____ 23743	22.79 0.11 -0.54	21.15 0.10 -0.32	20.18 0.10 -0.32	18.96 0.09 -0.20	19.80 0.10 0.00	21.34 0.11 0.00	30.33 0.09 0.00	33.15 0.13 0.00	32.21 0.16 0.00	28.00 0.11 0.00	25.87 0.10 0.00	26.18 0.10 0.00	26.99 0.11 0.00	28.35 0.14 0.00	29.93 0.15 0.00	32.61 0.16 0.00	37.79 0.19 0.00	42.85 0.17 0.00	44.65 0.18 0.00	39.16 0.16 0.00	35.48 0.18 -0.03	30.67 0.15 0.00	26.78 0.13 0.00	23.35 0.12 0.00
JENNISON___1 23625	22.89 0.75 0.00	21.41 0.68 0.00	20.37 0.61 0.00	19.27 0.60 0.00	20.33 0.63 0.00	22.04 0.81 0.00	31.66 1.42 0.00	34.77 1.75 0.00	33.52 1.47 0.00	29.06 1.17 0.00	26.82 1.06 0.00	27.22 1.15 0.00	28.03 1.16 0.00	29.51 1.30 0.00	31.09 1.31 0.00	33.78 1.33 0.00	39.30 1.69 0.00	44.62 1.92 -0.02	46.40 1.91 -0.01	40.64 1.64 0.00	37.09 1.48 -0.33	31.70 1.19 0.00	27.58 0.93 0.00	24.12 0.88 0.00
JENNISON___2 23626	22.89 0.75 0.00	21.41 0.68 0.00	20.37 0.61 0.00	19.27 0.60 0.00	20.33 0.63 0.00	22.04 0.81 0.00	31.66 1.42 0.00	34.77 1.75 0.00	33.52 1.47 0.00	29.06 1.17 0.00	26.82 1.06 0.00	27.22 1.15 0.00	28.03 1.16 0.00	29.51 1.30 0.00	31.09 1.31 0.00	33.78 1.33 0.00	39.30 1.69 0.00	44.62 1.92 -0.02	46.40 1.91 -0.01	40.64 1.64 0.00	37.09 1.48 -0.33	31.70 1.19 0.00	27.58 0.93 0.00	24.12 0.88 0.00
JERICHO_RISE_WT_PWR 323719	-8.01 -0.84 29.31	-8.40 -0.81 28.31	-8.32 -0.77 27.31	-8.52 -0.75 26.45	-9.04 -0.77 27.97	-9.14 -0.76 29.60	29.39 -0.85 0.00	32.09 -0.92 0.00	31.18 -0.86 0.00	27.30 -0.59 0.00	25.17 -0.59 0.00	25.57 -0.50 0.00	26.26 -0.62 0.00	27.51 -0.70 0.00	29.07 -0.72 0.00	31.74 -0.71 0.00	37.08 -0.53 0.00	42.00 -0.68 0.00	43.45 -1.02 0.00	37.87 -1.13 0.00	33.77 -1.09 0.41	-2.07 -1.01 31.58	-9.57 -1.01 35.20	-9.31 -0.86 31.69
KATONAH__115KV_46KV_TB4 355592	23.60 1.46 0.00	21.95 1.22 0.00	20.96 1.21 0.00	19.81 1.14 0.00	20.84 1.14 0.00	22.53 1.30 0.00	31.90 1.66 0.00	35.00 1.98 0.00	34.35 2.31 0.00	29.86 1.98 0.00	27.62 1.85 0.00	27.95 1.88 0.00	28.95 2.07 0.00	30.36 2.14 0.00	32.07 2.29 0.00	34.98 2.53 0.00	40.28 2.67 0.00	45.84 3.16 0.00	47.94 3.47 0.00	41.93 2.93 0.00	37.92 2.65 0.00	32.74 2.23 0.00	28.68 2.03 0.00	24.84 1.60 0.00
KCE_NY_1 323755	23.54 1.40 0.00	22.01 1.29 0.00	20.90 1.15 0.00	19.75 1.08 0.00	20.84 1.14 0.00	22.42 1.19 0.00	31.78 1.54 0.00	34.70 1.68 0.00	33.81 1.76 0.00	29.25 1.37 0.00	26.97 1.21 0.00	27.14 1.07 0.00	27.87 1.00 0.00	29.37 1.16 0.00	31.06 1.28 0.00	34.04 1.59 0.00	39.45 1.84 0.00	46.62 2.35 -1.59	47.85 2.53 -0.84	41.24 2.22 -0.01	38.12 2.05 -0.80	34.16 1.74 -1.91	28.74 1.52 -0.57	24.75 1.39 -0.12
KCE_NY_6_ESR 323823	20.46 -1.68 0.00	19.33 -1.39 0.00	18.27 -1.48 0.00	17.32 -1.34 0.00	18.34 -1.36 0.00	19.94 -1.30 0.00	28.81 -1.42 0.00	31.50 -1.52 0.00	29.96 -2.08 0.00	26.21 -1.67 0.00	24.89 -0.88 0.00	25.31 -0.76 0.00	26.61 -0.27 0.00	27.28 -0.93 0.00	28.08 -1.70 0.00	30.28 -2.17 0.00	34.75 -2.86 0.00	39.08 -3.59 0.02	40.58 -3.87 0.02	35.69 -3.32 0.00	32.04 -2.86 0.37	28.10 -2.41 0.00	24.73 -1.92 0.00	21.96 -1.28 0.00
KEDC_PORT_JEFF_GT2 24210	24.22 2.08 0.00	22.36 1.64 0.00	21.20 1.44 0.00	19.99 1.33 0.00	21.04 1.34 0.00	22.91 1.68 0.00	32.20 1.96 0.00	34.70 1.68 0.00	34.42 2.37 0.00	30.20 2.31 0.00	27.95 2.19 0.00	28.39 2.32 0.00	29.19 2.31 0.00	30.78 2.57 0.00	32.04 2.26 0.00	34.46 2.01 0.00	39.82 2.22 0.01	45.24 2.56 0.00	47.28 2.80 0.00	41.89 2.89 0.00	37.78 2.50 0.00	33.29 2.78 0.00	29.59 2.93 -0.01	25.71 2.46 -0.01
KEDC_PORT_JEFF_GT3 24211	24.22 2.08 0.00	22.36 1.64 0.00	21.20 1.44 0.00	19.99 1.33 0.00	21.04 1.34 0.00	22.91 1.68 0.00	32.20 1.96 0.00	34.70 1.68 0.00	34.42 2.37 0.00	30.20 2.31 0.00	27.95 2.19 0.00	28.39 2.32 0.00	29.19 2.31 0.00	30.78 2.57 0.00	32.04 2.26 0.00	34.46 2.01 0.00	39.82 2.22 0.01	45.24 2.56 0.00	47.28 2.80 0.00	41.89 2.89 0.00	37.78 2.50 0.00	33.29 2.78 0.00	29.59 2.93 -0.01	25.71 2.46 -0.01
KEDC_GLWD_GT4 24219	23.78 1.64 0.00	22.05 1.33 0.00	21.00 1.25 0.00	19.81 1.14 0.00	20.86 1.16 0.00	22.57 1.34 0.00	31.93 1.69 0.00	34.80 1.78 0.00	34.29 2.24 0.00	29.95 2.06 0.00	27.75 1.98 0.00	28.16 2.09 0.00	28.98 2.10 0.00	30.53 2.31 0.00	32.04 2.26 0.00	34.72 2.27 0.00	40.05 2.44 0.00	45.62 2.94 0.00	47.63 3.16 0.00	41.77 2.77 0.00	37.82 2.54 0.00	32.89 2.38 0.00	29.01 2.35 -0.02	25.13 1.88 -0.02
KEDC_GLWD_GT5 24220	23.78 1.64 0.00	22.05 1.33 0.00	21.00 1.25 0.00	19.81 1.14 0.00	20.86 1.16 0.00	22.57 1.34 0.00	31.93 1.69 0.00	34.80 1.78 0.00	34.29 2.24 0.00	29.95 2.06 0.00	27.75 1.98 0.00	28.16 2.09 0.00	28.98 2.10 0.00	30.53 2.31 0.00	32.04 2.26 0.00	34.72 2.27 0.00	40.05 2.44 0.00	45.62 2.94 0.00	47.63 3.16 0.00	41.77 2.77 0.00	37.82 2.54 0.00	32.89 2.38 0.00	29.01 2.35 -0.02	25.13 1.88 -0.02

KENSICO____ 23655	23.53 1.39 0.00	21.88 1.16 0.00	20.88 1.13 0.00	19.73 1.06 0.00	20.76 1.06 0.00	22.42 1.19 0.00	31.72 1.48 0.00	34.84 1.82 0.00	34.13 2.08 0.00	29.70 1.81 0.00	27.49 1.73 0.00	27.82 1.75 0.00	28.84 1.96 0.00	30.19 1.97 0.00	31.92 2.14 0.00	34.75 2.30 0.00	40.05 2.44 0.00	45.67 2.99 0.00	47.68 3.20 0.00	41.73 2.73 0.00	37.81 2.54 0.00	32.59 2.07 0.00	28.62 1.97 0.00	24.77 1.53 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	23.47 1.33 0.00	21.80 1.08 0.00	20.80 1.05 0.00	19.64 0.97 0.00	20.72 1.02 0.00	22.36 1.13 0.00	31.69 1.45 0.00	34.80 1.78 0.00	34.06 2.02 0.00	29.56 1.67 0.00	27.28 1.52 0.00	27.64 1.56 0.00	28.63 1.75 0.00	29.93 1.72 0.00	31.72 1.94 0.00	34.59 2.14 0.00	39.98 2.37 0.00	45.29 2.86 0.26	47.49 3.16 0.14	41.69 2.69 0.00	37.68 2.54 0.13	32.31 2.11 0.31	28.45 1.89 0.09	24.70 1.49 0.02
KIAC_JFK_GT1 23816	23.42 1.28 0.00	21.73 1.02 0.01	20.76 1.01 0.00	19.62 0.95 0.00	20.61 0.93 0.01	22.26 1.04 0.01	31.60 1.36 0.00	34.84 1.82 0.00	34.19 2.15 0.00	29.78 1.90 0.00	27.57 1.80 0.00	27.95 1.88 0.00	28.98 2.10 0.00	30.33 2.12 0.00	32.07 2.29 0.00	34.98 2.53 0.00	40.16 2.56 0.00	45.84 3.16 0.00	47.90 3.42 0.00	41.89 2.89 0.00	38.03 2.75 0.00	32.65 2.14 0.00	28.70 2.05 0.00	24.72 1.49 0.00
KIAC_JFK_GT2 23817	23.42 1.28 0.00	21.73 1.02 0.01	20.76 1.01 0.00	19.62 0.95 0.00	20.61 0.93 0.01	22.26 1.04 0.01	31.60 1.36 0.00	34.84 1.82 0.00	34.19 2.15 0.00	29.78 1.90 0.00	27.57 1.80 0.00	27.95 1.88 0.00	28.98 2.10 0.00	30.33 2.12 0.00	32.07 2.29 0.00	34.98 2.53 0.00	40.16 2.56 0.00	45.84 3.16 0.00	47.90 3.42 0.00	41.89 2.89 0.00	38.03 2.75 0.00	32.65 2.14 0.00	28.70 2.05 0.00	24.72 1.49 0.00
KIAC_JFK____ 323774	23.42 1.28 0.00	21.73 1.02 0.01	20.76 1.01 0.00	19.60 0.93 0.00	20.61 0.93 0.01	22.24 1.02 0.01	31.60 1.36 0.00	34.83 1.81 0.00	34.19 2.15 0.00	29.78 1.90 0.00	27.57 1.80 0.00	27.92 1.85 0.00	28.71 1.83 0.00	30.33 2.12 0.00	32.04 2.26 0.00	34.95 2.50 0.00	40.16 2.56 0.00	45.84 3.16 0.00	47.85 3.38 0.00	41.89 2.89 0.00	37.99 2.72 0.00	32.65 2.14 0.00	28.67 2.02 0.00	24.73 1.49 0.00
KINTIGH____ 23543	20.24 -1.90 0.00	19.13 -1.60 0.00	18.10 -1.66 0.00	17.10 -1.57 0.00	18.16 -1.54 0.00	19.60 -1.63 0.00	28.36 -1.87 0.00	30.87 -2.15 0.00	29.42 -2.63 0.00	25.74 -2.15 0.00	24.29 -1.47 0.00	24.72 -1.36 0.00	25.16 -1.72 0.00	26.55 -1.66 0.00	27.49 -2.29 0.00	29.69 -2.76 0.00	34.15 -3.46 0.00	38.44 -4.23 0.01	40.01 -4.45 0.01	35.22 -3.78 0.00	31.12 -3.77 0.38	27.80 -2.72 0.00	24.41 -2.24 0.00	21.63 -1.60 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-7.00 -0.58 28.56	-7.11 -0.56 27.28	-7.10 -0.53 26.33	-7.18 -0.52 25.33	-7.29 -0.53 26.45	-7.26 -0.49 28.00	29.81 -0.42 0.00	32.56 -0.46 0.00	31.60 -0.45 0.00	27.69 -0.20 0.00	25.53 -0.23 0.00	25.94 -0.13 0.00	26.64 -0.24 0.00	27.85 -0.37 0.00	29.45 -0.33 0.00	32.16 -0.29 0.00	37.64 0.04 0.00	42.64 -0.04 0.00	44.03 -0.44 0.00	38.42 -0.59 0.00	34.24 -0.60 0.43	0.00 -0.64 29.87	-7.32 -0.67 33.30	-7.29 -0.56 29.97
LACHUTE__HYDRO 323717	24.71 2.57 0.00	23.11 2.38 0.00	21.77 2.02 0.00	20.57 1.91 0.00	21.75 2.05 0.00	23.46 2.23 0.00	33.08 2.84 0.00	36.05 3.04 0.00	35.12 3.08 0.00	30.20 2.31 0.00	27.85 2.09 0.00	27.95 1.88 0.00	28.65 1.77 0.00	30.10 1.89 0.00	31.78 2.00 0.00	35.08 2.63 0.00	40.58 2.97 0.00	48.16 3.97 -1.51	49.59 4.31 -0.80	42.88 3.86 -0.01	39.60 3.56 -0.76	35.29 2.96 -1.81	29.75 2.56 -0.54	25.86 2.51 -0.12
LAWRNCAL_115KV_TB1 80681	31.54 0.40 -9.00	33.22 0.35 -12.15	31.54 0.28 -11.50	31.96 0.28 -13.01	37.44 0.32 -17.42	40.20 0.53 -18.44	31.66 1.42 0.00	34.80 1.78 0.00	33.39 1.35 0.00	28.89 1.00 0.00	26.41 0.64 0.00	26.75 0.68 0.00	27.47 0.59 0.00	28.78 0.56 0.00	30.41 0.63 0.00	33.13 0.68 0.00	39.04 1.43 0.00	44.60 1.92 0.00	46.39 1.91 0.00	40.64 1.64 0.00	36.57 1.48 0.19	51.13 0.95 -19.67	49.03 0.45 -21.93	43.51 0.53 -19.74
LEDERLE____ 23769	23.51 1.37 0.00	21.86 1.14 0.00	20.86 1.11 0.00	19.71 1.05 0.00	20.74 1.04 0.00	22.40 1.17 0.00	31.72 1.48 0.00	34.84 1.82 0.00	34.10 2.05 0.00	29.64 1.76 0.00	27.44 1.67 0.00	27.77 1.69 0.00	28.79 1.91 0.00	30.13 1.92 0.00	31.87 2.08 0.00	34.72 2.27 0.00	40.05 2.44 0.00	45.63 2.95 0.00	47.68 3.20 0.00	41.73 2.73 0.00	37.78 2.50 0.00	32.59 2.07 0.00	28.60 1.95 0.00	24.77 1.53 0.00
LIGHTHSE_115KV_TB6 355974	22.97 -0.24 -1.07	21.88 -0.21 -1.36	20.81 -0.24 -1.29	19.87 -0.22 -1.43	21.34 -0.22 -1.86	23.01 -0.19 -1.97	30.11 -0.12 0.00	32.95 -0.07 0.00	31.76 -0.29 0.00	27.61 -0.28 0.00	25.51 -0.26 0.00	25.81 -0.26 0.00	26.56 -0.32 0.00	27.90 -0.31 0.00	29.42 -0.36 0.00	32.03 -0.42 0.00	37.19 -0.41 0.00	42.21 -0.47 0.00	44.03 -0.44 0.00	38.65 -0.35 0.00	34.87 -0.39 0.01	32.27 -0.34 -2.10	28.64 -0.35 -2.34	25.09 -0.26 -2.10
LINDEN COGEN____ 23786	23.51 1.37 0.00	21.86 1.14 0.00	20.86 1.11 0.00	19.69 1.03 0.00	20.72 1.02 0.00	22.38 1.15 0.00	31.63 1.39 0.00	34.83 1.81 0.00	34.13 2.08 0.00	29.72 1.84 0.00	27.52 1.75 0.00	27.90 1.82 0.00	28.68 1.80 0.00	30.27 2.06 0.00	31.98 2.20 0.00	34.85 2.40 0.00	40.01 2.41 0.00	45.59 2.90 0.00	47.59 3.11 0.00	41.66 2.65 0.00	37.82 2.54 0.00	32.59 2.08 0.00	28.67 2.02 0.00	24.79 1.56 0.00
LINDHRST_69_KV_BK1 356055	24.18 2.04 0.00	22.34 1.62 0.00	21.20 1.44 0.00	20.03 1.36 0.00	21.04 1.34 0.00	22.95 1.72 0.00	32.26 2.03 0.00	34.84 1.82 0.00	34.55 2.50 0.00	30.34 2.45 0.00	28.11 2.34 0.00	28.52 2.45 0.00	29.57 2.69 0.00	30.89 2.68 0.00	32.31 2.53 0.00	34.69 2.24 0.00	40.04 2.44 0.01	45.63 2.95 0.00	47.81 3.34 0.00	42.12 3.12 0.00	38.03 2.75 0.00	33.38 2.87 0.00	29.59 2.93 -0.01	25.64 2.39 -0.01
LIPA_MISC_IPP 23656	24.20 2.06 0.00	22.34 1.62 0.00	21.20 1.44 0.00	20.03 1.36 0.00	21.02 1.32 0.00	22.97 1.74 0.00	32.11 1.87 0.00	34.64 1.62 0.00	34.38 2.34 0.00	30.20 2.31 0.00	27.93 2.16 0.00	28.34 2.27 0.00	29.38 2.50 0.00	30.72 2.51 0.00	32.10 2.32 0.00	34.46 2.01 0.00	39.74 2.14 0.01	45.29 2.60 0.00	47.45 2.98 0.00	42.01 3.00 0.00	37.88 2.61 0.00	33.32 2.81 0.00	29.54 2.88 -0.01	25.69 2.44 -0.01
LISF__SOLAR 323691	24.24 2.10 0.00	22.36 1.64 0.00	21.20 1.44 0.00	19.99 1.33 0.00	21.04 1.34 0.00	22.93 1.70 0.00	32.17 1.94 0.00	34.67 1.65 0.00	34.42 2.37 0.00	30.14 2.26 0.00	27.88 2.11 0.00	28.29 2.21 0.00	29.11 2.23 0.00	30.72 2.51 0.00	32.02 2.23 0.00	34.43 1.98 0.00	39.70 2.10 0.01	45.29 2.60 0.00	47.32 2.85 0.00	41.93 2.93 0.00	37.78 2.50 0.00	33.32 2.81 0.00	29.56 2.91 -0.01	25.73 2.49 -0.01

LITTLE FALLS___HYD 24013	23.03 0.35 -0.54	21.39 0.35 -0.32	20.43 0.36 -0.32	19.21 0.34 -0.20	20.07 0.37 0.00	21.66 0.42 0.00	30.81 0.57 0.00	33.71 0.69 0.00	32.72 0.67 0.00	28.44 0.56 0.00	26.33 0.57 0.00	26.70 0.63 0.00	27.52 0.65 0.00	28.89 0.68 0.00	30.47 0.68 0.00	33.13 0.68 0.00	38.36 0.75 0.00	43.45 0.77 0.00	45.14 0.67 0.00	39.51 0.51 0.00	35.76 0.46 -0.03	30.85 0.34 0.00	26.89 0.24 0.00	23.47 0.23 0.00
LITTLRIV_115KV_TB1 356100	31.91 0.77 -9.00	33.55 0.68 -12.15	31.85 0.59 -11.50	32.27 0.60 -13.01	37.75 0.63 -17.42	40.59 0.91 -18.44	32.32 2.09 0.00	35.59 2.58 0.00	34.03 1.99 0.00	29.36 1.48 0.00	26.77 1.00 0.00	27.11 1.04 0.00	27.82 0.94 0.00	29.14 0.93 0.00	30.79 1.01 0.00	33.55 1.10 0.00	39.64 2.03 0.00	45.41 2.73 0.00	47.27 2.80 0.00	41.46 2.46 0.00	37.31 2.22 0.19	51.74 1.56 -19.67	49.46 0.88 -21.93	43.91 0.93 -19.74
LI_NEWBRDGE___DRP 323616	23.73 1.59 0.00	21.95 1.22 0.00	20.86 1.11 0.00	19.71 1.05 0.00	20.72 1.02 0.00	22.55 1.32 0.00	31.72 1.48 0.00	34.31 1.29 0.00	33.97 1.92 0.00	29.84 1.95 0.00	27.67 1.91 0.00	28.05 1.98 0.00	29.06 2.18 0.00	30.36 2.14 0.00	31.81 2.03 0.00	34.24 1.78 0.00	39.44 1.84 0.01	44.94 2.26 0.00	47.05 2.58 0.00	41.34 2.34 0.00	37.39 2.12 0.00	32.71 2.20 0.00	29.00 2.35 -0.01	25.13 1.88 -0.01
LOCKPORT_115KV_TB60_63_64 80432	20.04 -2.10 0.00	18.94 -1.78 0.00	17.90 -1.86 0.00	16.91 -1.75 0.00	17.98 -1.71 0.00	19.43 -1.80 0.00	28.24 -2.00 0.00	30.77 -2.25 0.00	29.23 -2.82 0.00	25.60 -2.29 0.00	24.29 -1.47 0.00	24.72 -1.36 0.00	25.10 -1.77 0.00	26.58 -1.64 0.00	27.37 -2.41 0.00	29.50 -2.95 0.00	33.88 -3.72 0.00	38.01 -4.65 0.02	39.61 -4.85 0.02	34.83 -4.17 0.00	31.00 -3.84 0.43	27.52 -2.99 0.00	24.20 -2.45 0.00	21.52 -1.72 0.00
LOCKPORT___CC1 323769	20.04 -2.10 0.00	18.96 -1.76 0.00	17.92 -1.84 0.00	16.99 -1.68 0.00	17.98 -1.71 0.00	19.53 -1.70 0.00	28.21 -2.03 0.00	30.77 -2.25 0.00	29.23 -2.82 0.00	25.60 -2.29 0.00	24.32 -1.44 0.00	24.74 -1.33 0.00	26.05 -0.83 0.00	26.57 -1.64 0.00	27.37 -2.41 0.00	29.53 -2.92 0.00	33.85 -3.76 0.00	38.05 -4.61 0.02	39.61 -4.85 0.02	34.83 -4.17 0.00	31.00 -3.84 0.43	27.52 -2.99 0.00	24.22 -2.42 0.00	21.54 -1.70 0.00
LOCKPORT___CC2 323770	20.04 -2.10 0.00	18.96 -1.76 0.00	17.92 -1.84 0.00	16.99 -1.68 0.00	17.98 -1.71 0.00	19.53 -1.70 0.00	28.21 -2.03 0.00	30.77 -2.25 0.00	29.23 -2.82 0.00	25.60 -2.29 0.00	24.32 -1.44 0.00	24.74 -1.33 0.00	26.05 -0.83 0.00	26.57 -1.64 0.00	27.37 -2.41 0.00	29.53 -2.92 0.00	33.85 -3.76 0.00	38.05 -4.61 0.02	39.61 -4.85 0.02	34.83 -4.17 0.00	31.00 -3.84 0.43	27.52 -2.99 0.00	24.22 -2.42 0.00	21.54 -1.70 0.00
LOCKPORT___CC3 323771	20.04 -2.10 0.00	18.96 -1.76 0.00	17.92 -1.84 0.00	16.99 -1.68 0.00	17.98 -1.71 0.00	19.53 -1.70 0.00	28.21 -2.03 0.00	30.77 -2.25 0.00	29.23 -2.82 0.00	25.60 -2.29 0.00	24.32 -1.44 0.00	24.74 -1.33 0.00	26.05 -0.83 0.00	26.57 -1.64 0.00	27.37 -2.41 0.00	29.53 -2.92 0.00	33.85 -3.76 0.00	38.05 -4.61 0.02	39.61 -4.85 0.02	34.83 -4.17 0.00	31.00 -3.84 0.43	27.52 -2.99 0.00	24.22 -2.42 0.00	21.54 -1.70 0.00
LONG_LAKE_PHOENIX 24014	21.67 -0.46 0.00	20.33 -0.39 0.00	19.34 -0.41 0.00	18.28 -0.39 0.00	19.28 -0.41 0.00	20.85 -0.38 0.00	29.75 -0.48 0.00	32.49 -0.53 0.00	31.37 -0.67 0.00	27.30 -0.59 0.00	25.22 -0.54 0.00	25.52 -0.55 0.00	26.31 -0.56 0.00	27.65 -0.56 0.00	29.16 -0.63 0.00	31.70 -0.75 0.00	36.74 -0.86 0.00	41.70 -0.98 0.00	43.45 -1.02 0.00	38.14 -0.86 0.00	34.43 -0.85 0.00	29.81 -0.70 0.00	26.04 -0.61 0.00	22.73 -0.51 0.00
LOVETT___3 23632	23.45 1.31 0.00	21.78 1.06 0.00	20.80 1.05 0.00	19.64 0.97 0.00	20.68 0.98 0.00	22.34 1.10 0.00	31.60 1.36 0.00	34.70 1.68 0.00	33.97 1.92 0.00	29.56 1.67 0.00	27.33 1.57 0.00	27.69 1.62 0.00	28.68 1.80 0.00	30.05 1.83 0.00	31.75 1.97 0.00	34.59 2.14 0.00	39.86 2.26 0.00	45.41 2.73 0.00	47.45 2.98 0.00	41.54 2.54 0.00	37.60 2.33 0.00	32.43 1.92 0.00	28.49 1.84 0.00	24.68 1.44 0.00
LOVETT___4 23642	23.45 1.31 0.00	21.78 1.06 0.00	20.80 1.05 0.00	19.64 0.97 0.00	20.68 0.98 0.00	22.34 1.10 0.00	31.60 1.36 0.00	34.70 1.68 0.00	33.97 1.92 0.00	29.56 1.67 0.00	27.33 1.57 0.00	27.69 1.62 0.00	28.68 1.80 0.00	30.05 1.83 0.00	31.75 1.97 0.00	34.59 2.14 0.00	39.86 2.26 0.00	45.41 2.73 0.00	47.45 2.98 0.00	41.54 2.54 0.00	37.60 2.33 0.00	32.43 1.92 0.00	28.49 1.84 0.00	24.68 1.44 0.00
LOVETT___5 23593	23.45 1.31 0.00	21.78 1.06 0.00	20.80 1.05 0.00	19.64 0.97 0.00	20.68 0.98 0.00	22.34 1.10 0.00	31.60 1.36 0.00	34.70 1.68 0.00	33.97 1.92 0.00	29.56 1.67 0.00	27.33 1.57 0.00	27.69 1.62 0.00	28.68 1.80 0.00	30.05 1.83 0.00	31.75 1.97 0.00	34.59 2.14 0.00	39.86 2.26 0.00	45.41 2.73 0.00	47.45 2.98 0.00	41.54 2.54 0.00	37.60 2.33 0.00	32.43 1.92 0.00	28.49 1.84 0.00	24.68 1.44 0.00
LOWER RAQUET___HYD 24057	31.54 0.40 -9.00	33.22 0.35 -12.15	31.54 0.28 -11.50	31.96 0.28 -13.01	37.43 0.31 -17.42	40.21 0.53 -18.44	31.66 1.42 0.00	34.80 1.78 0.00	33.39 1.35 0.00	28.89 1.00 0.00	26.41 0.64 0.00	26.75 0.68 0.00	27.50 0.62 0.00	28.78 0.56 0.00	30.41 0.63 0.00	33.16 0.71 0.00	39.03 1.43 0.00	44.60 1.92 0.00	46.43 1.95 0.00	40.64 1.64 0.00	36.57 1.48 0.19	51.13 0.95 -19.67	49.03 0.45 -21.93	43.51 0.53 -19.74
LOWER___HUDSON 24059	23.25 1.11 0.00	21.74 1.02 0.00	20.70 0.95 0.00	19.56 0.90 0.00	20.62 0.93 0.00	22.19 0.96 0.00	31.48 1.24 0.00	34.47 1.45 0.00	33.58 1.54 0.00	29.14 1.26 0.00	26.85 1.08 0.00	27.04 0.97 0.00	27.71 0.83 0.00	29.23 1.01 0.00	30.94 1.16 0.00	33.81 1.36 0.00	39.22 1.62 0.00	47.17 2.01 -2.49	47.97 2.18 -1.32	40.89 1.87 -0.02	38.26 1.73 -1.26	34.96 1.46 -2.99	28.85 1.31 -0.89	24.54 1.12 -0.19
LOWVILLE_115KV_TB2 356335	25.33 0.33 -2.86	24.65 0.29 -3.64	23.45 0.24 -3.46	22.73 0.24 -3.82	24.92 0.26 -4.97	26.89 0.40 -5.26	31.14 0.91 0.00	34.17 1.16 0.00	32.91 0.87 0.00	28.47 0.59 0.00	26.15 0.39 0.00	26.49 0.42 0.00	27.26 0.38 0.00	28.61 0.39 0.00	30.23 0.45 0.00	32.91 0.45 0.00	38.47 0.86 0.00	43.83 1.15 0.00	45.67 1.20 0.00	40.06 1.05 0.00	36.19 0.95 0.04	36.76 0.64 -5.61	33.22 0.32 -6.25	29.26 0.40 -5.63
LUTHERFT_115KV_GLOB_FND_222 355753	23.53 1.39 0.00	21.99 1.26 0.00	20.88 1.13 0.00	19.75 1.08 0.00	20.84 1.14 0.00	22.42 1.19 0.00	31.75 1.51 0.00	34.70 1.68 0.00	33.78 1.73 0.00	29.25 1.37 0.00	26.97 1.21 0.00	27.14 1.07 0.00	27.95 1.08 0.00	29.37 1.16 0.00	31.03 1.25 0.00	34.04 1.59 0.00	39.41 1.81 0.00	46.57 2.30 -1.59	47.85 2.53 -0.84	41.20 2.18 -0.01	38.12 2.05 -0.80	34.13 1.71 -1.91	28.74 1.52 -0.57	24.75 1.39 -0.12

LUTHERNY_35_KV_BK2 355980	23.53 1.39 0.00	22.01 1.28 0.00	20.90 1.15 0.00	19.75 1.08 0.00	20.84 1.14 0.00	22.44 1.21 0.00	31.78 1.54 0.00	34.70 1.68 0.00	33.81 1.76 0.00	29.25 1.37 0.00	26.97 1.21 0.00	27.14 1.07 0.00	27.95 1.08 0.00	29.37 1.16 0.00	31.06 1.28 0.00	34.04 1.59 0.00	39.45 1.84 0.00	46.62 2.35 -1.59	47.90 2.58 -0.84	41.24 2.22 -0.01	38.16 2.08 -0.80	34.16 1.74 -1.91	28.74 1.52 -0.57	24.75 1.39 -0.12
LWR___OSWEGATCHIE_HYD 23850	28.69 0.33 -6.22	29.32 0.29 -8.31	27.85 0.22 -7.87	27.76 0.22 -8.87	31.78 0.26 -11.82	34.19 0.45 -12.52	31.38 1.15 0.00	34.47 1.45 0.00	33.10 1.06 0.00	28.64 0.75 0.00	26.23 0.46 0.00	26.57 0.50 0.00	27.31 0.43 0.00	28.63 0.42 0.00	30.23 0.45 0.00	32.94 0.49 0.00	38.66 1.05 0.00	44.13 1.45 0.00	45.99 1.51 0.00	40.33 1.33 0.00	36.32 1.16 0.12	44.62 0.76 -13.35	41.88 0.35 -14.88	37.05 0.42 -13.40
LYONS_FALL_HYD 23570	24.62 0.40 -2.08	23.61 0.37 -2.52	22.47 0.32 -2.40	21.58 0.32 -2.60	23.30 0.31 -3.29	25.16 0.45 -3.48	31.14 0.91 0.00	34.14 1.12 0.00	32.94 0.90 0.00	28.53 0.64 0.00	26.25 0.49 0.00	26.59 0.52 0.00	27.42 0.54 0.00	28.78 0.56 0.00	30.38 0.60 0.00	33.07 0.62 0.00	38.55 0.94 0.00	43.83 1.15 0.00	45.67 1.20 0.00	40.06 1.05 0.00	36.21 0.95 0.02	34.90 0.67 -3.72	31.22 0.43 -4.14	27.43 0.46 -3.73
MADISON___COUNTY_LFGE 323628	23.36 0.49 -0.74	22.00 0.46 -0.82	20.94 0.40 -0.79	19.89 0.39 -0.82	21.10 0.41 -0.99	22.81 0.53 -1.05	31.17 0.94 0.00	34.14 1.12 0.00	32.97 0.93 0.00	28.61 0.72 0.00	26.38 0.62 0.00	26.75 0.68 0.00	27.55 0.67 0.00	28.97 0.76 0.00	30.58 0.80 0.00	33.26 0.81 0.00	38.66 1.05 0.00	43.83 1.15 0.00	45.63 1.16 0.00	40.02 1.01 0.00	36.19 0.92 0.00	32.36 0.73 -1.12	28.43 0.53 -1.25	24.90 0.53 -1.12
MALONE___115KV_TB1 356076	37.78 -0.40 -16.04	42.20 -0.39 -21.87	40.07 -0.40 -20.70	41.79 -0.37 -23.50	50.94 -0.37 -31.62	54.42 -0.28 -33.47	30.27 0.03 0.00	33.12 0.10 0.00	32.01 -0.03 0.00	27.97 0.08 0.00	25.71 -0.05 0.00	26.10 0.03 0.00	26.80 -0.08 0.00	28.04 -0.17 0.00	29.63 -0.15 0.00	32.32 -0.13 0.00	37.94 0.34 0.00	43.07 0.38 0.00	44.56 0.09 0.00	38.92 -0.08 0.00	34.85 -0.07 0.36	65.93 -0.27 -35.70	65.99 -0.45 -39.80	58.71 -0.35 -35.82
MAPLEWOD_115KV_TB3 80458	23.05 0.91 0.00	21.61 0.89 0.00	20.61 0.85 0.00	19.47 0.80 0.00	20.52 0.83 0.00	22.00 0.76 0.00	31.23 1.00 0.00	34.17 1.16 0.00	33.30 1.25 0.00	28.86 0.98 0.00	26.61 0.85 0.00	26.83 0.76 0.00	27.66 0.78 0.00	29.06 0.85 0.00	30.73 0.95 0.00	33.62 1.17 0.00	38.96 1.35 0.00	47.09 1.71 -2.70	47.77 1.87 -1.43	40.62 1.60 -0.02	38.15 1.52 -1.36	35.00 1.25 -3.24	28.74 1.12 -0.97	24.35 0.91 -0.21
MAPLE_RIDGE_WT_1 323574	6.37 -0.93 14.84	10.69 -0.87 9.17	9.79 -0.81 9.16	11.82 -0.77 6.08	17.96 -0.79 0.95	19.40 -0.83 1.00	29.09 -1.15 0.00	31.80 -1.22 0.00	30.92 -1.12 0.00	26.99 -0.89 0.00	24.99 -0.77 0.00	25.37 -0.70 0.00	26.10 -0.78 0.00	27.39 -0.82 0.00	28.95 -0.83 0.00	31.58 -0.87 0.00	36.63 -0.98 0.00	41.40 -1.28 0.00	42.92 -1.56 0.00	37.48 -1.52 0.00	33.14 -1.45 0.68	28.19 -1.25 1.07	24.31 -1.15 1.19	21.19 -0.98 1.07
MAPLE_RIDGE_WT_2 323611	6.37 -0.93 14.84	10.69 -0.87 9.17	9.79 -0.81 9.16	11.82 -0.77 6.08	17.96 -0.79 0.95	19.40 -0.83 1.00	29.09 -1.15 0.00	31.80 -1.22 0.00	30.92 -1.12 0.00	26.99 -0.89 0.00	24.99 -0.77 0.00	25.37 -0.70 0.00	26.10 -0.78 0.00	27.39 -0.82 0.00	28.95 -0.83 0.00	31.58 -0.87 0.00	36.63 -0.98 0.00	41.40 -1.28 0.00	42.92 -1.56 0.00	37.48 -1.52 0.00	33.14 -1.45 0.68	28.19 -1.25 1.07	24.31 -1.15 1.19	21.19 -0.98 1.07
MARBLE_RIVER_WT_PWR 323696	-7.00 -0.84 28.30	-7.00 -0.81 26.91	-7.00 -0.77 25.99	-7.00 -0.73 24.94	-7.00 -0.77 25.93	-7.00 -0.79 27.45	29.36 -0.88 0.00	32.09 -0.92 0.00	31.15 -0.90 0.00	27.27 -0.61 0.00	25.20 -0.57 0.00	25.57 -0.50 0.00	26.29 -0.59 0.00	27.53 -0.68 0.00	29.10 -0.68 0.00	31.77 -0.68 0.00	37.08 -0.53 0.00	42.00 -0.68 0.00	43.45 -1.02 0.00	37.87 -1.13 0.00	33.74 -1.09 0.44	0.20 -1.04 29.28	-7.00 -1.01 32.64	-7.00 -0.86 29.38
MARSHVLE_115KV_TB1 80742	23.53 1.39 0.00	21.99 1.26 0.00	20.82 1.07 0.00	19.70 1.03 0.00	20.82 1.12 0.00	22.51 1.27 0.00	32.17 1.94 0.00	35.10 2.08 0.00	33.87 1.83 0.00	29.14 1.25 0.00	26.61 0.85 0.00	26.72 0.65 0.00	27.55 0.67 0.00	29.03 0.82 0.00	30.82 1.04 0.00	34.40 1.95 0.00	39.79 2.18 0.00	46.36 2.86 -0.81	48.02 3.11 -0.43	41.74 2.73 -0.01	38.33 2.65 -0.41	33.66 2.17 -0.98	28.73 1.79 -0.29	24.74 1.44 -0.06
MARSH_HILL_WT_PWR 323713	20.72 -1.42 0.00	19.48 -1.24 0.00	18.47 -1.28 0.00	17.49 -1.18 0.00	18.53 -1.16 0.00	20.17 -1.06 0.00	29.06 -1.18 0.00	31.90 -1.12 0.00	30.60 -1.44 0.00	26.74 -1.14 0.00	25.09 -0.67 0.00	25.52 -0.55 0.00	26.69 -0.19 0.00	27.56 -0.65 0.00	28.65 -1.13 0.00	30.83 -1.62 0.00	35.50 -2.11 0.00	40.03 -2.60 0.05	41.54 -2.89 0.05	36.62 -2.38 0.00	31.90 -2.26 1.11	28.47 -2.04 0.00	24.73 -1.92 0.00	21.70 -1.53 0.00
MCINTYRE_115KV_TB2 80467	32.20 1.06 -9.00	33.84 0.97 -12.15	32.11 0.85 -11.50	32.52 0.84 -13.01	38.01 0.89 -17.42	40.91 1.23 -18.44	32.87 2.63 0.00	36.22 3.20 0.00	34.51 2.47 0.00	29.70 1.81 0.00	27.00 1.24 0.00	27.35 1.28 0.00	28.01 1.13 0.00	29.34 1.13 0.00	31.00 1.22 0.00	33.85 1.40 0.00	40.09 2.48 0.00	46.05 3.37 0.00	48.03 3.56 0.00	42.12 3.12 0.00	37.91 2.82 0.19	52.20 2.01 -19.67	49.83 1.25 -21.93	44.26 1.28 -19.74
MECO_____69_KV_BK1 80468	23.87 1.73 0.00	22.28 1.55 0.00	21.10 1.34 0.00	19.94 1.27 0.00	21.08 1.38 0.00	22.78 1.55 0.00	32.62 2.39 0.00	35.53 2.51 0.00	34.38 2.34 0.00	29.61 1.73 0.00	27.10 1.34 0.00	27.22 1.15 0.00	28.06 1.18 0.00	29.54 1.33 0.00	31.33 1.55 0.00	34.82 2.37 0.00	40.31 2.71 0.00	47.06 3.50 -0.88	48.76 3.82 -0.47	42.36 3.35 -0.01	38.86 3.14 -0.44	34.16 2.59 -1.05	29.12 2.16 -0.31	25.07 1.77 -0.07
MENANDS___115KV_TB5 355628	22.94 0.80 0.00	21.53 0.81 0.00	20.55 0.79 0.00	19.42 0.75 0.00	20.47 0.77 0.00	21.91 0.68 0.00	31.08 0.85 0.00	33.94 0.92 0.00	33.07 1.03 0.00	28.69 0.81 0.00	26.46 0.70 0.00	26.67 0.60 0.00	27.55 0.67 0.00	28.95 0.73 0.00	30.61 0.83 0.00	33.46 1.01 0.00	38.77 1.17 0.00	46.54 1.49 -2.36	47.37 1.65 -1.25	40.42 1.40 -0.02	37.77 1.31 -1.19	34.45 1.10 -2.84	28.48 0.99 -0.85	24.21 0.79 -0.18
MG INDUSTRY___DRP 24185	22.87 0.73 0.00	21.47 0.75 0.00	20.47 0.71 0.00	19.36 0.69 0.00	20.39 0.69 0.00	21.85 0.62 0.00	31.02 0.79 0.00	33.75 0.73 0.00	32.81 0.77 0.00	28.41 0.53 0.00	26.18 0.41 0.00	26.38 0.31 0.00	27.31 0.43 0.00	28.69 0.48 0.00	30.35 0.57 0.00	33.23 0.78 0.00	38.55 0.94 0.00	41.58 1.28 2.38	44.63 1.42 1.27	40.23 1.25 0.02	35.23 1.16 1.20	28.62 0.98 2.86	26.67 0.88 0.86	23.77 0.72 0.18

MID___OSWEGATCHIE_HYD 23849	28.69 0.33 -6.22	29.32 0.29 -8.31	27.85 0.22 -7.87	27.76 0.22 -8.87	31.78 0.26 -11.82	34.19 0.45 -12.52	31.38 1.15 0.00	34.47 1.45 0.00	33.10 1.06 0.00	28.64 0.75 0.00	26.23 0.46 0.00	26.57 0.50 0.00	27.31 0.43 0.00	28.63 0.42 0.00	30.23 0.45 0.00	32.94 0.49 0.00	38.66 1.05 0.00	44.13 1.45 0.00	45.99 1.51 0.00	40.33 1.33 0.00	36.32 1.16 0.12	44.62 0.76 -13.35	41.88 0.35 -14.88	37.05 0.42 -13.40
MID___RAQUETTE_HYD 23851	31.54 0.40 -9.00	33.22 0.35 -12.15	31.54 0.28 -11.50	31.96 0.28 -13.01	37.44 0.32 -17.42	40.20 0.53 -18.44	31.66 1.42 0.00	34.80 1.78 0.00	33.39 1.35 0.00	28.89 1.00 0.00	26.41 0.64 0.00	26.75 0.68 0.00	27.47 0.59 0.00	28.78 0.56 0.00	30.41 0.63 0.00	33.13 0.68 0.00	39.04 1.43 0.00	44.60 1.92 0.00	46.39 1.91 0.00	40.64 1.64 0.00	36.57 1.48 0.19	51.13 0.95 -19.67	49.03 0.45 -21.93	43.51 0.53 -19.74
MILLIKEN___1 23584	22.29 0.15 0.00	20.87 0.15 0.00	19.82 0.06 0.00	18.74 0.07 0.00	19.80 0.10 0.00	21.46 0.23 0.00	30.84 0.60 0.00	33.81 0.79 0.00	32.53 0.48 0.00	28.22 0.33 0.00	26.05 0.28 0.00	26.38 0.31 0.00	27.17 0.30 0.00	28.55 0.34 0.00	30.11 0.33 0.00	32.71 0.26 0.00	38.06 0.45 0.00	43.34 0.55 -0.10	45.15 0.58 -0.09	39.55 0.55 0.00	38.05 0.46 -2.32	30.85 0.34 0.00	26.89 0.24 0.00	23.49 0.26 0.00
MILLIKEN___2 23585	22.29 0.15 0.00	20.87 0.15 0.00	19.82 0.06 0.00	18.74 0.07 0.00	19.80 0.10 0.00	21.46 0.23 0.00	30.84 0.60 0.00	33.81 0.79 0.00	32.53 0.48 0.00	28.22 0.33 0.00	26.05 0.28 0.00	26.38 0.31 0.00	27.17 0.30 0.00	28.55 0.34 0.00	30.11 0.33 0.00	32.71 0.26 0.00	38.06 0.45 0.00	43.34 0.55 -0.10	45.15 0.58 -0.09	39.55 0.55 0.00	38.05 0.46 -2.32	30.85 0.34 0.00	26.89 0.24 0.00	23.49 0.26 0.00
MILLIKEN___DIESEL 23629	22.29 0.15 0.00	20.87 0.15 0.00	19.82 0.06 0.00	18.74 0.07 0.00	19.80 0.10 0.00	21.46 0.23 0.00	30.84 0.60 0.00	33.81 0.79 0.00	32.53 0.48 0.00	28.22 0.33 0.00	26.05 0.28 0.00	26.38 0.31 0.00	27.17 0.30 0.00	28.55 0.34 0.00	30.11 0.33 0.00	32.71 0.26 0.00	38.06 0.45 0.00	43.34 0.55 -0.10	45.15 0.58 -0.09	39.55 0.55 0.00	38.05 0.46 -2.32	30.85 0.34 0.00	26.89 0.24 0.00	23.49 0.26 0.00
MILLSEAT___LFGE 323607	20.35 -1.79 0.00	19.23 -1.49 0.00	18.20 -1.56 0.00	17.21 -1.46 0.00	18.26 -1.44 0.00	19.85 -1.38 0.00	28.78 -1.45 0.00	31.50 -1.52 0.00	29.83 -2.21 0.00	26.10 -1.79 0.00	24.68 -1.08 0.00	25.13 -0.94 0.00	26.40 -0.48 0.00	26.97 -1.24 0.00	27.87 -1.91 0.00	30.15 -2.30 0.00	34.63 -2.97 0.00	38.99 -3.67 0.02	40.63 -3.82 0.02	35.77 -3.24 0.00	31.80 -3.07 0.41	28.19 -2.32 0.00	24.71 -1.94 0.00	21.87 -1.37 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	23.49 1.35 0.00	21.84 1.12 0.00	20.84 1.09 0.00	19.70 1.03 0.00	20.72 1.02 0.00	22.38 1.15 0.00	31.66 1.42 0.00	34.77 1.75 0.00	34.06 2.02 0.00	29.64 1.76 0.00	27.41 1.65 0.00	27.77 1.69 0.00	28.76 1.88 0.00	30.13 1.92 0.00	31.84 2.05 0.00	34.69 2.24 0.00	39.98 2.37 0.00	45.54 2.86 0.00	47.59 3.11 0.00	41.65 2.65 0.00	37.71 2.43 0.00	32.53 2.01 0.00	28.57 1.92 0.00	24.72 1.49 0.00
MILLWOOD_13_KV_LOAD 356217	23.56 1.42 0.00	21.88 1.16 0.00	20.90 1.15 0.00	19.75 1.08 0.00	20.78 1.08 0.00	22.44 1.21 0.00	31.78 1.54 0.00	34.87 1.85 0.00	34.19 2.15 0.00	29.72 1.84 0.00	27.52 1.75 0.00	27.84 1.77 0.00	28.87 1.99 0.00	30.24 2.03 0.00	31.95 2.17 0.00	34.82 2.37 0.00	40.13 2.52 0.00	45.71 3.03 0.00	47.76 3.29 0.00	41.77 2.77 0.00	37.81 2.54 0.00	32.65 2.14 0.00	28.62 1.97 0.00	24.79 1.56 0.00
MODEL_CITY_ENERGY 24167	19.82 -2.32 0.00	18.75 -1.97 0.00	17.72 -2.03 0.00	16.80 -1.87 0.00	17.79 -1.91 0.00	19.30 -1.93 0.00	27.88 -2.36 0.00	30.35 -2.67 0.00	28.84 -3.20 0.00	25.26 -2.62 0.00	24.01 -1.75 0.00	24.45 -1.62 0.00	25.72 -1.16 0.00	26.24 -1.98 0.00	27.01 -2.77 0.00	29.14 -3.31 0.00	33.39 -4.21 0.00	37.54 -5.12 0.02	39.07 -5.38 0.02	34.36 -4.64 0.00	30.54 -4.27 0.47	27.16 -3.36 0.00	23.96 -2.69 0.00	21.28 -1.95 0.00
MODERN_LFGE___ 323580	19.82 -2.32 0.00	18.75 -1.97 0.00	17.72 -2.03 0.00	16.80 -1.87 0.00	17.79 -1.91 0.00	19.30 -1.93 0.00	27.88 -2.36 0.00	30.35 -2.67 0.00	28.84 -3.20 0.00	25.26 -2.62 0.00	24.01 -1.75 0.00	24.45 -1.62 0.00	25.72 -1.16 0.00	26.24 -1.98 0.00	27.01 -2.77 0.00	29.14 -3.31 0.00	33.39 -4.21 0.00	37.54 -5.12 0.02	39.07 -5.38 0.02	34.36 -4.64 0.00	30.54 -4.27 0.47	27.16 -3.36 0.00	23.96 -2.69 0.00	21.28 -1.95 0.00
MOHAWK_PAPER___DRP 24187	23.05 0.91 0.00	21.61 0.89 0.00	20.61 0.85 0.00	19.47 0.80 0.00	20.52 0.83 0.00	22.00 0.76 0.00	31.23 1.00 0.00	34.17 1.16 0.00	33.30 1.25 0.00	28.86 0.98 0.00	26.61 0.85 0.00	26.83 0.76 0.00	27.66 0.78 0.00	29.06 0.85 0.00	30.73 0.95 0.00	33.62 1.17 0.00	38.96 1.35 0.00	47.09 1.71 -2.70	47.77 1.87 -1.43	40.62 1.60 -0.02	38.15 1.52 -1.36	35.00 1.25 -3.24	28.74 1.12 -0.97	24.35 0.91 -0.21
MOHICAN___35_KV_115KV_LD 80490	23.84 1.70 0.00	22.28 1.55 0.00	21.12 1.36 0.00	19.96 1.29 0.00	21.08 1.38 0.00	22.70 1.46 0.00	31.87 1.63 0.00	34.80 1.78 0.00	33.90 1.86 0.00	29.31 1.42 0.00	27.00 1.24 0.00	27.14 1.07 0.00	27.90 1.02 0.00	29.31 1.10 0.00	30.94 1.16 0.00	34.01 1.56 0.00	39.37 1.77 0.00	46.61 2.39 -1.54	47.92 2.62 -0.82	41.32 2.30 -0.01	38.17 2.12 -0.78	34.10 1.74 -1.85	28.78 1.57 -0.55	25.03 1.67 -0.12
MONGAUP___HYD 23641	23.67 1.53 0.00	21.97 1.24 0.00	20.96 1.21 0.00	19.77 1.10 0.00	20.90 1.20 0.00	22.46 1.23 0.00	31.93 1.69 0.00	34.97 1.95 0.00	34.16 2.11 0.00	29.56 1.67 0.00	27.26 1.49 0.00	27.58 1.51 0.00	28.44 1.56 0.00	29.90 1.69 0.00	31.69 1.91 0.00	34.66 2.21 0.00	40.13 2.52 0.00	45.76 3.07 0.00	47.94 3.47 0.00	42.01 3.00 0.00	38.13 2.86 0.00	32.89 2.38 0.00	28.73 2.08 0.00	24.89 1.65 0.00
MONTAUK___DIESEL 23721	24.09 1.95 0.00	22.19 1.47 0.00	21.08 1.32 0.00	19.90 1.23 0.00	20.86 1.16 0.00	22.84 1.61 0.00	31.93 1.69 0.00	34.54 1.52 0.00	34.35 2.31 0.00	30.25 2.37 0.00	27.70 1.93 0.00	28.13 2.06 0.00	29.16 2.28 0.00	30.55 2.34 0.00	31.95 2.17 0.00	34.33 1.88 0.00	39.63 2.03 0.01	45.24 2.56 0.00	47.14 2.67 0.00	41.77 2.77 0.00	37.53 2.26 0.00	33.08 2.56 0.00	29.14 2.48 -0.01	25.66 2.42 -0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.19 -1.95 0.00	19.07 -1.66 0.00	18.02 -1.74 0.00	17.04 -1.62 0.00	18.10 -1.60 0.00	19.70 -1.53 0.00	28.63 -1.60 0.00	31.43 -1.58 0.00	29.87 -2.18 0.00	26.02 -1.87 0.00	24.66 -1.11 0.00	25.05 -1.02 0.00	25.56 -1.32 0.00	27.08 -1.13 0.00	27.84 -1.94 0.00	29.92 -2.53 0.00	34.33 -3.27 0.00	38.52 -4.14 0.02	40.18 -4.27 0.02	35.18 -3.82 0.00	31.43 -3.39 0.46	27.64 -2.87 0.00	24.25 -2.40 0.00	21.49 -1.74 0.00

MORRIS_RIDGE___SOLAR 323848	20.66 -1.48 0.00	19.46 -1.26 0.00	18.43 -1.32 0.00	17.47 -1.20 0.00	18.49 -1.20 0.00	20.11 -1.13 0.00	28.97 -1.27 0.00	31.73 -1.29 0.00	30.31 -1.73 0.00	26.46 -1.42 0.00	24.89 -0.88 0.00	25.26 -0.81 0.00	26.45 -0.43 0.00	27.25 -0.96 0.00	28.29 -1.49 0.00	30.54 -1.91 0.00	35.20 -2.41 0.00	39.71 -2.94 0.03	41.29 -3.16 0.03	36.35 -2.65 0.00	32.12 -2.43 0.72	28.44 -2.08 0.00	24.89 -1.76 0.00	21.96 -1.28 0.00
MORTIMER_115KV_TB3 55949	20.83 -1.31 0.00	19.65 -1.08 0.00	18.61 -1.15 0.00	17.57 -1.10 0.00	18.65 -1.04 0.00	20.17 -1.06 0.00	29.15 -1.09 0.00	31.83 -1.19 0.00	30.41 -1.63 0.00	26.55 -1.34 0.00	24.86 -0.90 0.00	25.24 -0.83 0.00	25.80 -1.08 0.00	27.20 -1.02 0.00	28.35 -1.43 0.00	30.73 -1.72 0.00	35.50 -2.11 0.00	40.11 -2.56 0.01	41.70 -2.76 0.01	36.74 -2.26 0.00	32.57 -2.40 0.31	28.86 -1.65 0.00	25.18 -1.47 0.00	22.17 -1.07 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	23.65 1.51 0.00	21.97 1.24 0.00	20.98 1.22 0.00	19.81 1.14 0.00	20.84 1.14 0.00	22.51 1.27 0.00	31.81 1.57 0.00	35.00 1.98 0.00	34.29 2.24 0.00	29.86 1.98 0.00	27.67 1.91 0.00	28.03 1.96 0.00	29.06 2.18 0.00	30.38 2.17 0.00	32.13 2.35 0.00	35.01 2.56 0.00	40.24 2.63 0.00	45.88 3.20 0.00	47.90 3.42 0.00	41.89 2.89 0.00	38.03 2.75 0.00	32.77 2.26 0.00	28.81 2.16 0.00	24.91 1.67 0.00
MUNSVILLE_WIND_PWR 323609	23.25 1.11 0.00	21.74 1.02 0.00	20.65 0.89 0.00	19.56 0.90 0.00	20.66 0.96 0.00	22.48 1.25 0.00	32.53 2.30 0.00	35.79 2.77 0.00	34.35 2.31 0.00	29.64 1.76 0.00	27.26 1.49 0.00	27.74 1.67 0.00	28.68 1.80 0.00	30.10 1.89 0.00	31.75 1.97 0.00	34.43 1.98 0.00	40.24 2.63 0.00	45.71 2.99 -0.04	47.32 2.80 -0.04	41.42 2.42 0.00	38.37 2.15 -0.95	32.16 1.65 0.00	27.85 1.20 0.00	24.44 1.21 0.00
N SALMON___HYD 24042	37.78 -0.40 -16.04	42.20 -0.39 -21.87	40.07 -0.39 -20.70	41.79 -0.37 -23.50	50.94 -0.37 -31.62	54.42 -0.28 -33.47	30.27 0.03 0.00	33.12 0.10 0.00	32.01 -0.03 0.00	27.97 0.08 0.00	25.71 -0.05 0.00	26.10 0.03 0.00	26.77 -0.11 0.00	28.04 -0.17 0.00	29.63 -0.15 0.00	32.35 -0.10 0.00	37.94 0.34 0.00	43.06 0.38 0.00	44.61 0.13 0.00	38.92 -0.08 0.00	34.85 -0.07 0.36	65.93 -0.28 -35.70	65.99 -0.45 -39.80	58.71 -0.35 -35.82
N.AKRON__115KV_KNAPP 355671	20.32 -1.82 0.00	19.23 -1.49 0.00	18.18 -1.58 0.00	17.16 -1.51 0.00	18.26 -1.44 0.00	19.75 -1.49 0.00	28.78 -1.45 0.00	31.47 -1.55 0.00	29.83 -2.21 0.00	26.07 -1.81 0.00	24.66 -1.11 0.00	25.11 -0.96 0.00	25.51 -1.37 0.00	26.97 -1.24 0.00	27.84 -1.94 0.00	30.08 -2.37 0.00	34.60 -3.01 0.00	38.95 -3.71 0.02	40.54 -3.91 0.02	35.69 -3.32 0.00	31.72 -3.14 0.41	28.16 -2.35 0.00	24.62 -2.03 0.00	21.87 -1.37 0.00
N.BELMOR_69_KV_BK1 55787	23.91 1.77 0.00	22.11 1.39 0.00	21.02 1.26 0.00	19.86 1.19 0.00	20.86 1.16 0.00	22.70 1.46 0.00	31.96 1.72 0.00	34.64 1.62 0.00	34.26 2.21 0.00	30.06 2.17 0.00	27.88 2.11 0.00	28.29 2.22 0.00	29.30 2.42 0.00	30.64 2.43 0.00	32.10 2.32 0.00	34.56 2.11 0.00	39.86 2.26 0.01	45.46 2.77 0.00	47.59 3.11 0.00	41.77 2.77 0.00	37.78 2.50 0.00	33.04 2.53 0.00	29.25 2.59 -0.01	25.32 2.07 -0.01
N.E_GEN_SANDY PD 24062	25.07 1.17 -1.76	24.38 1.04 -2.62	22.00 1.01 -1.24	22.01 0.95 -2.39	23.20 0.98 -2.52	25.05 1.02 -2.80	35.30 1.27 -3.79	40.90 1.52 -6.36	36.70 1.67 -2.99	29.31 1.42 0.00	27.00 1.24 0.00	27.22 1.15 0.00	27.90 1.02 0.00	29.48 1.27 0.00	31.21 1.43 0.00	34.04 1.59 0.00	39.49 1.88 0.00	46.50 2.26 -1.56	47.70 2.40 -0.83	41.12 2.10 -0.01	38.00 1.94 -0.79	34.00 1.62 -1.87	28.70 1.49 -0.56	24.75 1.23 -0.28
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	23.47 1.33 0.00	21.80 1.08 0.00	20.82 1.07 0.00	19.66 0.99 0.00	20.70 1.00 0.00	22.36 1.13 0.00	31.63 1.39 0.00	34.74 1.72 0.00	34.00 1.95 0.00	29.56 1.67 0.00	27.36 1.60 0.00	27.71 1.64 0.00	28.71 1.83 0.00	30.05 1.83 0.00	31.78 2.00 0.00	34.62 2.17 0.00	39.94 2.33 0.00	45.50 2.82 0.00	47.54 3.07 0.00	41.62 2.61 0.00	37.67 2.40 0.00	32.50 1.98 0.00	28.52 1.87 0.00	24.70 1.46 0.00
N.QUEENS_27_KV_LOAD 356247	23.87 1.73 -0.01	22.17 1.45 0.00	21.17 1.40 -0.01	20.00 1.33 -0.01	21.00 1.30 0.00	22.65 1.42 0.00	31.69 1.45 0.00	34.84 1.82 0.00	34.19 2.15 0.00	29.81 1.92 0.00	27.64 1.88 0.00	28.00 1.93 0.00	29.06 2.18 0.00	30.38 2.17 0.00	32.13 2.35 0.00	35.01 2.56 0.00	40.13 2.52 0.00	45.71 3.03 0.00	47.68 3.20 0.00	41.77 2.77 0.00	38.03 2.75 0.00	32.74 2.23 0.00	28.97 2.32 0.00	25.15 1.91 -0.01
N.TROY___115KV_TB1 355778	23.25 1.11 0.00	21.74 1.02 0.00	20.70 0.95 0.00	19.56 0.90 0.00	20.62 0.93 0.00	22.19 0.96 0.00	31.48 1.24 0.00	34.47 1.45 0.00	33.58 1.54 0.00	29.14 1.25 0.00	26.85 1.08 0.00	27.04 0.96 0.00	27.82 0.94 0.00	29.23 1.02 0.00	30.94 1.16 0.00	33.81 1.36 0.00	39.22 1.62 0.00	47.17 2.01 -2.49	47.97 2.18 -1.32	40.89 1.87 -0.02	38.26 1.73 -1.26	34.96 1.46 -2.99	28.85 1.31 -0.89	24.54 1.12 -0.19
NARROWS_GT1_1 24228	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01
NARROWS_GT1_2 24229	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01
NARROWS_GT1_3 24230	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01
NARROWS_GT1_4 24231	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01

NARROWS_GT1_5 24232	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01
NARROWS_GT1_6 24233	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01
NARROWS_GT1_7 24234	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01
NARROWS_GT1_8 24235	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01
NARROWS_GT2_1 24236	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01
NARROWS_GT2_2 24237	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01
NARROWS_GT2_3 24238	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01
NARROWS_GT2_4 24239	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01
NARROWS_GT2_5 24240	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01
NARROWS_GT2_6 24241	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01
NARROWS_GT2_7 24242	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01
NARROWS_GT2_8 24243	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.63 1.40 0.00	31.96 1.72 0.00	35.16 2.15 0.00	34.48 2.43 0.00	30.03 2.15 0.00	27.83 2.06 0.00	28.21 2.14 0.00	28.98 2.10 0.00	30.61 2.40 0.00	32.37 2.59 0.00	35.32 2.86 -0.01	40.43 2.82 0.00	46.14 3.46 0.00	48.07 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.08 2.42 -0.01	25.17 1.93 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	23.11 0.97 0.00	21.72 0.99 0.00	20.68 0.93 0.00	19.55 0.88 0.00	20.66 0.97 0.00	22.02 0.79 0.00	31.35 1.12 0.00	33.94 0.92 0.00	32.91 0.87 0.00	28.36 0.47 0.00	26.05 0.28 0.00	26.20 0.13 0.00	27.20 0.32 0.00	28.52 0.31 0.00	30.29 0.51 0.00	33.29 0.84 0.00	38.81 1.20 0.00	42.07 1.92 2.54	45.35 2.22 1.35	40.89 1.91 0.02	35.86 1.87 1.28	28.99 1.53 3.05	26.99 1.25 0.91	24.06 1.02 0.20
NCHELSEA_115KV_TR2 355582	23.53 1.39 0.00	21.88 1.16 0.00	20.88 1.13 0.00	19.71 1.05 0.00	20.78 1.08 0.00	22.40 1.17 0.00	31.75 1.51 0.00	34.80 1.78 0.00	34.10 2.05 0.00	29.58 1.70 0.00	27.33 1.57 0.00	27.66 1.59 0.00	28.65 1.77 0.00	29.99 1.78 0.00	31.78 2.00 0.00	34.66 2.21 0.00	40.05 2.44 0.00	45.58 2.90 0.00	47.68 3.20 0.00	41.73 2.73 0.00	37.81 2.54 0.00	32.62 2.11 0.00	28.57 1.92 0.00	24.75 1.51 0.00
NEG CAPITAL___MECHNVIL 23645	23.54 1.40 0.00	22.01 1.29 0.00	20.90 1.15 0.00	19.75 1.08 0.00	20.84 1.14 0.00	22.44 1.21 0.00	31.81 1.57 0.00	34.77 1.75 0.00	33.87 1.83 0.00	29.33 1.45 0.00	27.05 1.29 0.00	27.22 1.15 0.00	27.96 1.08 0.00	29.45 1.24 0.00	31.15 1.37 0.00	34.14 1.69 0.00	39.56 1.95 0.00	46.99 2.47 -1.84	48.12 2.67 -0.98	41.36 2.34 -0.01	38.35 2.15 -0.93	34.52 1.80 -2.21	28.88 1.57 -0.66	24.80 1.42 -0.14

NEG CENTRAL_HIGH_ACRES 23767	20.66 -1.48 0.00	19.44 -1.28 0.00	18.43 -1.32 0.00	17.42 -1.25 0.00	18.46 -1.24 0.00	20.02 -1.21 0.00	28.81 -1.42 0.00	31.50 -1.52 0.00	30.12 -1.92 0.00	26.30 -1.59 0.00	24.53 -1.24 0.00	24.90 -1.17 0.00	25.96 -0.91 0.00	26.86 -1.35 0.00	28.11 -1.67 0.00	30.54 -1.91 0.00	35.27 -2.33 0.00	39.90 -2.77 0.01	41.53 -2.94 0.01	36.51 -2.50 0.00	32.53 -2.47 0.28	28.62 -1.89 0.00	24.97 -1.68 0.00	21.89 -1.35 0.00
NEG CENTRAL___DRP 24199	21.61 -0.53 0.00	20.25 -0.48 0.00	19.22 -0.53 0.00	18.16 -0.50 0.00	19.22 -0.47 0.00	20.85 -0.38 0.00	29.99 -0.24 0.00	32.85 -0.17 0.00	31.56 -0.48 0.00	27.47 -0.42 0.00	25.45 -0.31 0.00	25.78 -0.29 0.00	26.53 -0.35 0.00	27.87 -0.34 0.00	29.30 -0.48 0.00	31.80 -0.65 0.00	36.89 -0.71 0.00	41.77 -0.90 0.02	43.52 -0.93 0.02	38.22 -0.78 0.00	34.12 -0.74 0.41	29.90 -0.61 0.00	26.06 -0.59 0.00	22.80 -0.44 0.00
NEG CENTRAL___INDECK 23768	21.25 -0.89 0.00	20.00 -0.73 0.00	18.95 -0.81 0.00	17.90 -0.77 0.00	18.99 -0.71 0.00	20.70 -0.53 0.00	30.06 -0.18 0.00	33.02 0.00 0.00	31.25 -0.80 0.00	27.13 -0.75 0.00	25.33 -0.44 0.00	25.65 -0.42 0.00	26.80 -0.08 0.00	27.62 -0.59 0.00	28.77 -1.01 0.00	31.22 -1.23 0.00	36.25 -1.35 0.00	41.16 -1.50 0.03	43.02 -1.42 0.03	37.99 -1.01 0.00	33.45 -1.13 0.70	29.69 -0.82 0.00	25.80 -0.85 0.00	22.63 -0.60 0.00
NEG CENTRAL___SENECA 23627	21.52 -0.62 0.00	20.18 -0.54 0.00	19.14 -0.61 0.00	18.09 -0.58 0.00	19.17 -0.53 0.00	20.81 -0.42 0.00	30.05 -0.18 0.00	32.99 -0.03 0.00	31.56 -0.48 0.00	27.47 -0.42 0.00	25.51 -0.26 0.00	25.86 -0.21 0.00	26.58 -0.30 0.00	27.96 -0.25 0.00	29.33 -0.45 0.00	31.80 -0.65 0.00	36.89 -0.71 0.00	41.63 -1.02 0.03	43.42 -1.02 0.03	38.11 -0.90 0.00	33.85 -0.78 0.65	29.87 -0.64 0.00	26.04 -0.61 0.00	22.80 -0.44 0.00
NEG CENTRAL___STATE_STREET 24147	21.74 -0.40 0.00	20.39 -0.33 0.00	19.38 -0.38 0.00	18.30 -0.37 0.00	19.34 -0.35 0.00	20.96 -0.28 0.00	29.99 -0.24 0.00	32.82 -0.20 0.00	31.60 -0.45 0.00	27.49 -0.39 0.00	25.43 -0.33 0.00	25.76 -0.31 0.00	26.53 -0.35 0.00	27.87 -0.34 0.00	29.36 -0.42 0.00	31.93 -0.52 0.00	37.00 -0.60 0.00	41.99 -0.68 0.01	43.76 -0.71 0.01	38.42 -0.59 0.00	34.52 -0.60 0.16	30.02 -0.49 0.00	26.20 -0.45 0.00	22.84 -0.40 0.00
NEG MILLWOOD___DRP 24198	23.65 1.51 0.00	21.99 1.26 0.00	21.00 1.24 0.00	19.83 1.16 0.00	20.88 1.18 0.00	22.57 1.34 0.00	31.96 1.72 0.00	35.03 2.01 0.00	34.42 2.37 0.00	29.86 1.98 0.00	27.62 1.85 0.00	27.92 1.85 0.00	28.95 2.07 0.00	30.33 2.12 0.00	32.10 2.32 0.00	35.01 2.56 0.00	40.39 2.78 0.00	45.93 3.24 0.00	48.03 3.56 0.00	42.04 3.04 0.00	38.03 2.75 0.00	32.83 2.32 0.00	28.70 2.05 0.00	24.86 1.63 0.00
NEG NORTH_FLCN_SEA 23793	-6.92 -0.64 28.42	-6.98 -0.62 27.08	-7.00 -0.61 26.15	-7.03 -0.58 25.12	-7.07 -0.59 26.18	-7.05 -0.57 27.71	29.69 -0.54 0.00	32.42 -0.59 0.00	31.50 -0.54 0.00	27.61 -0.28 0.00	25.48 -0.28 0.00	25.86 -0.21 0.00	26.61 -0.27 0.00	27.82 -0.39 0.00	29.39 -0.39 0.00	32.09 -0.36 0.00	37.53 -0.08 0.00	42.47 -0.21 0.00	43.85 -0.62 0.00	38.26 -0.74 0.00	34.10 -0.74 0.44	0.22 -0.73 29.56	-7.07 -0.77 32.95	-7.07 -0.65 29.66
NEG NORTH_KES_CHATEGAY 23792	-7.95 -0.80 29.29	-8.33 -0.77 28.28	-8.26 -0.73 27.28	-8.46 -0.71 26.42	-8.96 -0.73 27.93	-9.05 -0.72 29.56	29.48 -0.76 0.00	32.19 -0.83 0.00	31.24 -0.80 0.00	27.35 -0.53 0.00	25.22 -0.54 0.00	25.63 -0.44 0.00	26.34 -0.54 0.00	27.53 -0.68 0.00	29.13 -0.66 0.00	31.77 -0.68 0.00	37.15 -0.45 0.00	42.08 -0.60 0.00	43.49 -0.98 0.00	37.99 -1.01 0.00	33.87 -0.99 0.41	-1.97 -0.95 31.53	-9.46 -0.96 35.15	-9.22 -0.81 31.64
NEG NORTH___ALICE_FALLS 23915	-7.00 -0.58 28.56	-7.11 -0.56 27.28	-7.10 -0.53 26.33	-7.18 -0.52 25.33	-7.29 -0.53 26.45	-7.26 -0.49 28.00	29.81 -0.42 0.00	32.56 -0.46 0.00	31.60 -0.45 0.00	27.69 -0.20 0.00	25.53 -0.23 0.00	25.94 -0.13 0.00	26.64 -0.24 0.00	27.85 -0.37 0.00	29.45 -0.33 0.00	32.16 -0.29 0.00	37.64 0.04 0.00	42.64 -0.04 0.00	44.03 -0.44 0.00	38.42 -0.59 0.00	34.24 -0.60 0.43	0.00 -0.64 29.87	-7.32 -0.67 33.30	-7.29 -0.56 29.97
NEG NORTH___LWR_SARANAC 23913	-7.00 -0.58 28.56	-7.11 -0.56 27.28	-7.10 -0.53 26.33	-7.18 -0.52 25.33	-7.29 -0.53 26.45	-7.26 -0.49 28.00	29.81 -0.42 0.00	32.56 -0.46 0.00	31.60 -0.45 0.00	27.69 -0.20 0.00	25.53 -0.23 0.00	25.94 -0.13 0.00	26.64 -0.24 0.00	27.85 -0.37 0.00	29.45 -0.33 0.00	32.16 -0.29 0.00	37.64 0.04 0.00	42.64 -0.04 0.00	44.03 -0.44 0.00	38.42 -0.59 0.00	34.24 -0.60 0.43	0.00 -0.64 29.87	-7.32 -0.67 33.30	-7.29 -0.56 29.97
NEG NORTH___PLATTSBURG 23628	-7.00 -0.58 28.56	-7.11 -0.56 27.28	-7.12 -0.55 26.33	-7.18 -0.52 25.33	-7.29 -0.53 26.45	-7.26 -0.49 28.00	29.81 -0.42 0.00	32.56 -0.46 0.00	31.60 -0.45 0.00	27.69 -0.19 0.00	25.53 -0.23 0.00	25.94 -0.13 0.00	26.64 -0.24 0.00	27.84 -0.37 0.00	29.45 -0.33 0.00	32.16 -0.29 0.00	37.64 0.04 0.00	42.64 -0.04 0.00	44.07 -0.40 0.00	38.42 -0.58 0.00	34.24 -0.60 0.43	0.00 -0.64 29.87	-7.32 -0.67 33.30	-7.30 -0.56 29.97
NEG WEST_LEA_LOCKPORT 23791	20.04 -2.10 0.00	18.96 -1.76 0.00	17.92 -1.84 0.00	16.93 -1.74 0.00	17.98 -1.71 0.00	19.43 -1.80 0.00	28.21 -2.03 0.00	30.77 -2.25 0.00	29.23 -2.82 0.00	25.60 -2.29 0.00	24.29 -1.47 0.00	24.72 -1.36 0.00	25.10 -1.77 0.00	26.55 -1.66 0.00	27.37 -2.41 0.00	29.47 -2.99 0.00	33.85 -3.76 0.00	38.01 -4.65 0.02	39.56 -4.89 0.02	34.79 -4.21 0.00	30.96 -3.88 0.43	27.52 -2.99 0.00	24.17 -2.48 0.00	21.54 -1.70 0.00
NEG WEST___LANCASTR 23811	20.83 -1.31 0.00	19.67 -1.06 0.00	18.57 -1.19 0.00	17.59 -1.08 0.00	18.65 -1.04 0.00	20.23 -1.00 0.00	29.33 -0.91 0.00	32.16 -0.86 0.00	30.64 -1.41 0.00	26.71 -1.17 0.00	25.30 -0.46 0.00	25.76 -0.31 0.00	26.29 -0.59 0.00	27.82 -0.39 0.00	28.65 -1.13 0.00	30.83 -1.62 0.00	35.46 -2.14 0.00	40.14 -2.52 0.02	41.87 -2.58 0.02	36.55 -2.46 0.00	33.37 -1.55 0.35	28.71 -1.80 0.00	25.16 -1.49 0.00	22.33 -0.91 0.00
NEG_PENN_ALLEGHNY 23528	21.96 -0.18 0.00	20.58 -0.14 0.00	19.56 -0.20 0.00	18.50 -0.17 0.00	19.54 -0.16 0.00	21.15 -0.08 0.00	30.30 0.06 0.00	33.18 0.17 0.00	31.98 -0.06 0.00	27.80 -0.08 0.00	25.82 0.05 0.00	26.15 0.08 0.00	27.09 0.21 0.00	28.33 0.11 0.00	29.72 -0.06 0.00	32.29 -0.16 0.00	37.38 -0.22 0.00	42.42 -0.25 0.00	44.20 -0.27 0.01	38.81 -0.19 0.00	34.91 -0.18 0.19	30.30 -0.21 0.00	26.49 -0.16 0.00	23.17 -0.07 0.00
NEG___GEN_MONROE 24207	20.83 -1.31 0.00	19.67 -1.06 0.00	18.63 -1.13 0.00	17.59 -1.08 0.00	18.67 -1.02 0.00	20.21 -1.02 0.00	29.24 -1.00 0.00	31.93 -1.09 0.00	30.44 -1.60 0.00	26.55 -1.34 0.00	24.89 -0.88 0.00	25.29 -0.78 0.00	25.83 -1.05 0.00	27.20 -1.02 0.00	28.32 -1.46 0.00	30.67 -1.78 0.00	35.39 -2.22 0.00	39.98 -2.69 0.01	41.61 -2.85 0.01	36.66 -2.34 0.00	32.53 -2.43 0.31	28.80 -1.71 0.00	25.21 -1.44 0.00	22.21 -1.02 0.00

NEPA__ENERGY 23901	20.61 -1.53 0.00	19.46 -1.26 0.00	18.37 -1.38 0.00	17.42 -1.25 0.00	18.46 -1.24 0.00	20.02 -1.21 0.00	29.00 -1.24 0.00	31.73 -1.29 0.00	30.22 -1.83 0.00	26.32 -1.56 0.00	24.91 -0.85 0.00	25.37 -0.70 0.00	25.91 -0.97 0.00	27.39 -0.82 0.00	28.20 -1.58 0.00	30.34 -2.11 0.00	34.97 -2.63 0.00	39.46 -3.20 0.02	41.16 -3.29 0.02	36.12 -2.89 0.00	32.18 -2.65 0.45	28.35 -2.17 0.00	24.84 -1.81 0.00	22.05 -1.19 0.00
NEVERSink__HYD 23608	23.40 1.26 0.00	21.76 1.04 0.00	20.76 1.01 0.00	19.60 0.93 0.00	20.68 0.98 0.00	22.29 1.06 0.00	31.69 1.45 0.00	34.73 1.72 0.00	33.94 1.89 0.00	29.44 1.56 0.00	27.15 1.39 0.00	27.53 1.46 0.00	28.36 1.48 0.00	29.82 1.61 0.00	31.57 1.79 0.00	34.43 1.98 0.00	39.86 2.26 0.00	45.37 2.69 0.00	47.41 2.93 0.00	41.54 2.53 0.00	37.64 2.36 0.00	32.49 1.98 0.00	28.38 1.73 0.00	24.63 1.39 0.00
NEWKRMKL_115KV_TB1 55635	22.80 0.66 0.00	21.45 0.73 0.00	20.47 0.71 0.00	19.36 0.69 0.00	20.39 0.69 0.00	21.78 0.55 0.00	30.90 0.67 0.00	33.58 0.56 0.00	32.69 0.64 0.00	28.36 0.47 0.00	26.15 0.39 0.00	26.38 0.31 0.00	27.36 0.48 0.00	28.75 0.54 0.00	30.41 0.63 0.00	33.26 0.81 0.00	38.51 0.90 0.00	43.40 1.20 0.48	45.55 1.33 0.25	40.13 1.13 0.00	36.13 1.09 0.24	30.82 0.88 0.58	27.28 0.80 0.17	23.85 0.65 0.04
NEWTON__FALLS_HYD 23847	28.69 0.33 -6.22	29.32 0.29 -8.31	27.85 0.22 -7.87	27.76 0.22 -8.87	31.78 0.26 -11.82	34.19 0.45 -12.52	31.38 1.15 0.00	34.47 1.45 0.00	33.10 1.06 0.00	28.64 0.75 0.00	26.23 0.46 0.00	26.57 0.50 0.00	27.31 0.43 0.00	28.63 0.42 0.00	30.23 0.45 0.00	32.94 0.49 0.00	38.66 1.05 0.00	44.13 1.45 0.00	45.99 1.51 0.00	40.33 1.33 0.00	36.32 1.16 0.12	44.62 0.76 -13.35	41.88 0.35 -14.88	37.05 0.42 -13.40
NGRID_A1_DSASP 323792	19.77 -2.37 0.00	18.71 -2.01 0.00	17.68 -2.07 0.00	16.76 -1.90 0.00	17.77 -1.93 0.00	19.23 -2.00 0.00	27.76 -2.48 0.00	30.18 -2.84 0.00	28.68 -3.36 0.00	25.15 -2.73 0.00	23.91 -1.86 0.00	24.35 -1.72 0.00	25.64 -1.24 0.00	26.10 -2.12 0.00	26.86 -2.92 0.00	28.98 -3.47 0.00	33.21 -4.40 0.00	37.28 -5.38 0.02	38.81 -5.65 0.02	34.13 -4.88 0.00	30.32 -4.52 0.44	27.03 -3.48 0.00	23.85 -2.80 0.00	21.24 -2.00 0.00
NGRID_A2_DSASP 323793	19.77 -2.37 0.00	18.71 -2.01 0.00	17.68 -2.07 0.00	16.76 -1.90 0.00	17.77 -1.93 0.00	19.23 -2.00 0.00	27.76 -2.48 0.00	30.18 -2.84 0.00	28.68 -3.36 0.00	25.15 -2.73 0.00	23.91 -1.86 0.00	24.35 -1.72 0.00	25.64 -1.24 0.00	26.10 -2.12 0.00	26.86 -2.92 0.00	28.98 -3.47 0.00	33.21 -4.40 0.00	37.28 -5.38 0.02	38.81 -5.65 0.02	34.13 -4.88 0.00	30.32 -4.52 0.44	27.03 -3.48 0.00	23.85 -2.80 0.00	21.24 -2.00 0.00
NGRID_A4_DSASP 323807	19.77 -2.37 0.00	18.71 -2.01 0.00	17.68 -2.07 0.00	16.76 -1.90 0.00	17.77 -1.93 0.00	19.23 -2.00 0.00	27.76 -2.48 0.00	30.18 -2.84 0.00	28.68 -3.36 0.00	25.15 -2.73 0.00	23.91 -1.86 0.00	24.35 -1.72 0.00	25.64 -1.24 0.00	26.10 -2.12 0.00	26.86 -2.92 0.00	28.98 -3.47 0.00	33.21 -4.40 0.00	37.28 -5.38 0.02	38.81 -5.65 0.02	34.13 -4.88 0.00	30.32 -4.52 0.44	27.03 -3.48 0.00	23.85 -2.80 0.00	21.24 -2.00 0.00
NIAGARA_115E_LBMP 323715	19.68 -2.46 0.00	18.63 -2.09 0.00	17.62 -2.13 0.00	16.71 -1.96 0.00	17.69 -2.01 0.00	19.17 -2.06 0.00	27.67 -2.57 0.00	30.11 -2.91 0.00	28.65 -3.40 0.00	25.07 -2.82 0.00	23.86 -1.91 0.00	24.27 -1.80 0.00	25.56 -1.32 0.00	26.04 -2.17 0.00	26.80 -2.98 0.00	28.91 -3.54 0.00	33.13 -4.48 0.00	37.24 -5.42 0.02	38.76 -5.69 0.02	34.09 -4.92 0.00	30.27 -4.52 0.48	26.97 -3.54 0.00	23.77 -2.88 0.00	21.15 -2.09 0.00
NIAGARA_115W_LBMP 323714	19.73 -2.41 0.00	18.67 -2.05 0.00	17.66 -2.09 0.00	16.75 -1.92 0.00	17.73 -1.97 0.00	19.19 -2.04 0.00	27.70 -2.54 0.00	30.11 -2.91 0.00	28.65 -3.40 0.00	25.10 -2.79 0.00	23.86 -1.91 0.00	24.30 -1.77 0.00	25.59 -1.29 0.00	26.04 -2.17 0.00	26.80 -2.98 0.00	28.91 -3.54 0.00	33.13 -4.48 0.00	37.20 -5.46 0.02	38.72 -5.74 0.02	34.09 -4.92 0.00	30.24 -4.58 0.44	26.97 -3.54 0.00	23.80 -2.85 0.00	21.19 -2.04 0.00
NIAGARA_230_LBMP 323716	19.95 -2.19 0.00	18.88 -1.84 0.00	17.84 -1.92 0.00	16.91 -1.76 0.00	17.90 -1.79 0.00	19.41 -1.83 0.00	28.00 -2.24 0.00	30.44 -2.58 0.00	28.97 -3.08 0.00	25.35 -2.54 0.00	24.09 -1.67 0.00	24.51 -1.56 0.00	25.80 -1.08 0.00	26.27 -1.95 0.00	27.07 -2.71 0.00	29.21 -3.24 0.00	33.51 -4.10 0.00	37.67 -4.99 0.02	39.21 -5.25 0.02	34.52 -4.48 0.00	30.65 -4.16 0.46	27.28 -3.24 0.00	24.07 -2.58 0.00	21.40 -1.84 0.00
NIAGARA__115KV_198_GIBSON 55903	19.73 -2.41 0.00	18.67 -2.05 0.00	17.64 -2.11 0.00	16.69 -1.98 0.00	17.73 -1.97 0.00	19.11 -2.12 0.00	27.70 -2.54 0.00	30.11 -2.91 0.00	28.62 -3.43 0.00	25.10 -2.79 0.00	23.86 -1.91 0.00	24.27 -1.80 0.00	24.62 -2.26 0.00	26.04 -2.17 0.00	26.77 -3.01 0.00	28.85 -3.60 0.00	33.13 -4.48 0.00	37.16 -5.51 0.02	38.67 -5.78 0.02	34.05 -4.95 0.00	30.03 -4.80 0.44	26.97 -3.54 0.00	23.74 -2.90 0.00	21.19 -2.04 0.00
NIAGARA____ 23760	19.95 -2.19 0.00	18.88 -1.84 0.00	17.84 -1.92 0.00	16.91 -1.76 0.00	17.90 -1.79 0.00	19.41 -1.83 0.00	28.00 -2.24 0.00	30.44 -2.58 0.00	28.97 -3.08 0.00	25.35 -2.54 0.00	24.09 -1.67 0.00	24.51 -1.56 0.00	25.80 -1.08 0.00	26.27 -1.95 0.00	27.07 -2.71 0.00	29.21 -3.24 0.00	33.51 -4.10 0.00	37.67 -4.99 0.02	39.21 -5.25 0.02	34.52 -4.48 0.00	30.65 -4.16 0.46	27.28 -3.24 0.00	24.07 -2.58 0.00	21.40 -1.84 0.00
NINE_MILE_1 23575	21.41 -0.73 0.00	20.08 -0.64 0.00	19.12 -0.63 0.00	18.07 -0.60 0.00	19.07 -0.63 0.00	20.59 -0.64 0.00	29.36 -0.88 0.00	32.00 -1.02 0.00	30.92 -1.12 0.00	26.91 -0.98 0.00	24.89 -0.88 0.00	25.21 -0.86 0.00	26.05 -0.83 0.00	27.28 -0.93 0.00	28.74 -1.04 0.00	31.28 -1.17 0.00	36.25 -1.35 0.00	41.10 -1.58 0.00	42.83 -1.64 0.00	37.60 -1.40 0.00	33.97 -1.30 0.00	29.41 -1.10 0.00	25.69 -0.96 0.00	22.40 -0.84 0.00
NINE_MILE_2 23744	21.41 -0.73 0.00	20.08 -0.64 0.00	19.12 -0.63 0.00	18.07 -0.60 0.00	19.07 -0.63 0.00	20.59 -0.64 0.00	29.36 -0.88 0.00	32.00 -1.02 0.00	30.92 -1.12 0.00	26.91 -0.98 0.00	24.89 -0.88 0.00	25.21 -0.86 0.00	26.05 -0.83 0.00	27.28 -0.93 0.00	28.74 -1.04 0.00	31.28 -1.17 0.00	36.25 -1.35 0.00	41.10 -1.58 0.00	42.83 -1.64 0.00	37.60 -1.40 0.00	33.97 -1.30 0.00	29.41 -1.10 0.00	25.69 -0.96 0.00	22.42 -0.81 0.00
NM_CAPITAL__DRP 24208	22.89 0.75 0.00	21.49 0.77 0.00	20.51 0.75 0.00	19.40 0.73 0.00	20.43 0.73 0.00	21.87 0.64 0.00	30.99 0.76 0.00	33.78 0.76 0.00	32.88 0.83 0.00	28.53 0.64 0.00	26.33 0.57 0.00	26.54 0.47 0.00	27.50 0.62 0.00	28.86 0.65 0.00	30.55 0.77 0.00	33.39 0.94 0.00	38.66 1.05 0.00	45.87 1.37 -1.82	46.95 1.51 -0.97	40.30 1.29 -0.01	37.43 1.23 -0.92	33.71 1.01 -2.19	28.21 0.91 -0.65	24.12 0.74 -0.14

NM_CENTRAL___DRP 24181	21.76 -0.38 0.00	20.39 -0.33 0.00	19.40 -0.36 0.00	18.33 -0.34 0.00	19.36 -0.33 0.00	20.93 -0.30 0.00	29.90 -0.33 0.00	32.66 -0.36 0.00	31.53 -0.51 0.00	27.44 -0.45 0.00	25.38 -0.39 0.00	25.71 -0.36 0.00	26.48 -0.40 0.00	27.82 -0.39 0.00	29.33 -0.45 0.00	31.90 -0.55 0.00	36.97 -0.64 0.00	41.91 -0.77 0.00	43.67 -0.80 0.00	38.30 -0.70 0.00	34.60 -0.67 0.00	29.96 -0.55 0.00	26.14 -0.51 0.00	22.82 -0.42 0.00
NM_FRONTIER___DRP 24179	19.73 -2.41 0.00	18.67 -2.05 0.00	17.64 -2.11 0.00	16.69 -1.98 0.00	17.73 -1.97 0.00	19.11 -2.12 0.00	27.70 -2.54 0.00	30.11 -2.91 0.00	28.62 -3.43 0.00	25.10 -2.79 0.00	23.86 -1.91 0.00	24.27 -1.80 0.00	24.62 -2.26 0.00	26.04 -2.17 0.00	26.77 -3.01 0.00	28.85 -3.60 0.00	33.13 -4.48 0.00	37.16 -5.51 0.02	38.67 -5.78 0.02	34.05 -4.95 0.00	30.03 -4.80 0.44	26.97 -3.54 0.00	23.74 -2.90 0.00	21.19 -2.04 0.00
NM_ST_REGIS___HYD 24053	32.76 0.18 -10.45	35.02 0.15 -14.15	33.25 0.10 -13.40	33.95 0.11 -15.17	40.16 0.12 -20.34	43.09 0.32 -21.54	31.29 1.06 0.00	34.37 1.35 0.00	33.04 0.99 0.00	28.64 0.75 0.00	26.20 0.44 0.00	26.57 0.50 0.00	27.28 0.40 0.00	28.58 0.37 0.00	30.20 0.42 0.00	32.91 0.45 0.00	38.73 1.13 0.00	44.18 1.49 0.00	45.90 1.42 0.00	40.21 1.21 0.00	36.11 1.06 0.22	54.12 0.64 -22.97	52.44 0.19 -25.61	46.57 0.28 -23.05
NORTHPORT___1 23551	24.00 1.86 0.00	22.19 1.47 0.00	21.02 1.27 0.00	19.83 1.16 0.00	20.90 1.20 0.00	22.74 1.51 0.00	32.08 1.84 0.00	34.41 1.39 0.00	34.16 2.11 0.00	30.03 2.15 0.00	27.77 2.01 0.00	28.13 2.06 0.00	28.92 2.04 0.00	30.44 2.23 0.00	31.66 1.88 0.00	34.04 1.59 0.00	39.33 1.73 0.01	44.81 2.13 0.00	46.83 2.36 0.00	41.26 2.26 0.00	37.28 2.01 0.00	32.77 2.26 0.00	29.24 2.58 -0.01	25.41 2.16 -0.01
NORTHPORT___2 23552	24.00 1.86 0.00	22.19 1.47 0.00	21.02 1.27 0.00	19.83 1.16 0.00	20.90 1.20 0.00	22.74 1.51 0.00	32.08 1.84 0.00	34.41 1.39 0.00	34.16 2.11 0.00	30.03 2.15 0.00	27.77 2.01 0.00	28.13 2.06 0.00	28.92 2.04 0.00	30.44 2.23 0.00	31.66 1.88 0.00	34.04 1.59 0.00	39.33 1.73 0.01	44.81 2.13 0.00	46.83 2.36 0.00	41.26 2.26 0.00	37.28 2.01 0.00	32.77 2.26 0.00	29.24 2.58 -0.01	25.41 2.16 -0.01
NORTHPORT___3 23553	23.84 1.70 0.00	22.05 1.33 0.00	20.92 1.17 0.00	19.73 1.06 0.00	20.78 1.08 0.00	22.57 1.34 0.00	31.84 1.60 0.00	34.14 1.12 0.00	33.81 1.76 0.00	29.89 2.01 0.00	27.70 1.93 0.00	28.13 2.06 0.00	28.92 2.04 0.00	30.35 2.14 0.00	31.54 1.76 0.00	33.88 1.43 0.00	39.10 1.51 0.01	44.60 1.92 0.00	46.56 2.09 0.00	40.95 1.95 0.00	37.00 1.73 0.00	32.49 1.98 0.00	29.11 2.45 -0.01	25.24 2.00 -0.01
NORTHPORT___4 23650	23.84 1.70 0.00	22.05 1.33 0.00	20.92 1.17 0.00	19.73 1.06 0.00	20.78 1.08 0.00	22.57 1.34 0.00	31.84 1.60 0.00	34.14 1.12 0.00	33.81 1.76 0.00	29.89 2.01 0.00	27.70 1.93 0.00	28.13 2.06 0.00	28.92 2.04 0.00	30.35 2.14 0.00	31.54 1.76 0.00	33.88 1.43 0.00	39.10 1.51 0.01	44.60 1.92 0.00	46.56 2.09 0.00	40.95 1.95 0.00	37.00 1.73 0.00	32.49 1.98 0.00	29.11 2.45 -0.01	25.24 2.00 -0.01
NORTHPORT___IC 23718	24.00 1.86 0.00	22.19 1.47 0.00	21.04 1.28 0.00	19.92 1.25 0.00	20.90 1.20 0.00	22.82 1.59 0.00	32.05 1.81 0.00	34.44 1.42 0.00	34.16 2.12 0.00	30.09 2.20 0.00	27.85 2.09 0.00	28.21 2.14 0.00	29.22 2.34 0.00	30.47 2.26 0.00	31.81 2.03 0.00	34.14 1.69 0.00	39.40 1.81 0.01	44.94 2.26 0.00	47.05 2.58 0.00	41.46 2.46 0.00	37.46 2.19 0.00	32.83 2.32 0.00	29.30 2.64 -0.01	25.41 2.16 -0.01
NORTH___COUNTRY_ESR 323785	-8.01 -0.84 29.31	-8.40 -0.81 28.31	-8.32 -0.77 27.31	-8.52 -0.75 26.45	-9.04 -0.77 27.97	-9.14 -0.76 29.60	29.39 -0.85 0.00	32.09 -0.92 0.00	31.18 -0.86 0.00	27.30 -0.59 0.00	25.17 -0.59 0.00	25.57 -0.50 0.00	26.26 -0.62 0.00	27.51 -0.70 0.00	29.07 -0.72 0.00	31.74 -0.71 0.00	37.08 -0.53 0.00	42.00 -0.68 0.00	43.45 -1.02 0.00	37.87 -1.13 0.00	33.77 -1.09 0.41	-2.07 -1.01 31.58	-9.57 -1.01 35.20	-9.31 -0.86 31.69
NPX_GEN_1385_PROXY 323591	24.20 2.06 0.00	22.55 1.82 0.00	21.10 1.34 0.00	19.98 1.31 0.00	21.18 1.48 0.00	23.10 1.87 0.00	32.93 2.69 0.00	38.10 2.38 -2.70	35.03 2.98 0.00	30.39 2.51 0.00	27.95 2.19 0.00	28.03 1.96 0.00	28.71 1.83 0.00	30.22 2.00 0.00	31.54 1.76 0.00	34.04 1.59 0.00	39.52 1.92 0.01	45.16 2.47 0.00	47.23 2.76 0.00	41.62 2.61 0.00	37.60 2.33 0.00	32.89 2.38 0.00	29.27 2.61 -0.01	25.41 2.16 -0.01
NPX_GEN_CSC 323557	24.29 2.15 0.00	22.40 1.68 0.00	21.24 1.48 0.00	20.01 1.34 0.00	21.08 1.38 0.00	22.95 1.72 0.00	32.23 2.00 0.00	34.77 1.75 0.00	34.48 2.43 0.00	30.23 2.34 0.00	27.93 2.16 0.00	28.37 2.29 0.00	29.19 2.31 0.00	30.78 2.57 0.00	32.11 2.32 0.00	34.53 2.08 0.00	39.70 2.10 0.01	45.29 2.60 0.00	47.32 2.85 0.00	42.05 3.04 0.00	37.88 2.61 0.00	33.41 2.90 0.00	29.62 2.96 -0.01	25.80 2.56 -0.01
NSINS_S_GLNS_FALLS 23858	23.87 1.73 0.00	22.30 1.57 0.00	21.12 1.36 0.00	19.98 1.31 0.00	21.08 1.38 0.00	22.72 1.49 0.00	31.84 1.60 0.00	34.74 1.72 0.00	33.87 1.83 0.00	29.25 1.37 0.00	26.97 1.21 0.00	27.11 1.04 0.00	27.87 0.99 0.00	29.26 1.04 0.00	30.88 1.10 0.00	33.94 1.49 0.00	39.34 1.73 0.00	46.50 2.30 -1.51	47.81 2.53 -0.80	41.24 2.22 -0.01	38.12 2.08 -0.76	34.03 1.71 -1.81	28.71 1.52 -0.54	25.03 1.67 -0.12
NUCOR_STEEL___DRP 24197	21.81 -0.33 0.00	20.43 -0.29 0.00	19.42 -0.34 0.00	18.35 -0.32 0.00	19.38 -0.32 0.00	21.00 -0.23 0.00	30.02 -0.21 0.00	32.82 -0.20 0.00	31.63 -0.42 0.00	27.52 -0.36 0.00	25.45 -0.31 0.00	25.78 -0.29 0.00	26.56 -0.32 0.00	27.90 -0.31 0.00	29.42 -0.36 0.00	31.96 -0.49 0.00	37.04 -0.56 0.00	42.04 -0.64 0.00	43.80 -0.67 0.00	38.46 -0.55 0.00	34.60 -0.56 0.11	30.08 -0.43 0.00	26.25 -0.40 0.00	22.91 -0.33 0.00
NUMBER_THREE_WT_PWR 323818	25.39 0.31 -2.94	24.75 0.27 -3.76	23.54 0.22 -3.57	22.84 0.22 -3.95	25.08 0.24 -5.14	27.06 0.38 -5.44	31.11 0.88 0.00	34.14 1.12 0.00	32.88 0.83 0.00	28.44 0.56 0.00	26.12 0.36 0.00	26.46 0.39 0.00	27.26 0.38 0.00	28.58 0.37 0.00	30.17 0.39 0.00	32.87 0.42 0.00	38.43 0.83 0.00	43.79 1.11 0.00	45.63 1.15 0.00	40.01 1.01 0.00	36.15 0.92 0.04	36.93 0.61 -5.81	33.42 0.29 -6.47	29.43 0.37 -5.83
NYISO_LBMP_REFERENCE 24008	22.14 0.00 0.00	20.72 0.00 0.00	19.76 0.00 0.00	18.67 0.00 0.00	19.70 0.00 0.00	21.23 0.00 0.00	30.24 0.00 0.00	33.02 0.00 0.00	32.05 0.00 0.00	27.88 0.00 0.00	25.76 0.00 0.00	26.07 0.00 0.00	26.88 0.00 0.00	28.21 0.00 0.00	29.78 0.00 0.00	32.45 0.00 0.00	37.61 0.00 0.00	42.68 0.00 0.00	44.47 0.00 0.00	39.00 0.00 0.00	35.27 0.00 0.00	30.51 0.00 0.00	26.65 0.00 0.00	23.24 0.00 0.00

NYPA_BRENTWD____GT 24164	24.20	22.36	21.20	19.99	21.06	22.91	32.29	34.77	34.48	30.25	28.03	28.42	29.24	30.78	32.07	34.50	39.85	45.45	47.50	41.89	37.78	33.26	29.56	25.66
	2.06	1.64	1.44	1.33	1.36	1.68	2.06	1.75	2.43	2.37	2.27	2.35	2.37	2.57	2.29	2.05	2.26	2.77	3.03	2.89	2.50	2.75	2.91	2.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01
NYPA_GOWANUS____GT5 24156	23.90	22.17	21.19	20.00	21.02	22.63	31.96	35.16	34.48	30.03	27.83	28.21	28.98	30.61	32.37	35.32	40.43	46.14	48.07	42.08	38.31	33.02	29.08	25.17
	1.75	1.45	1.42	1.33	1.32	1.40	1.72	2.15	2.43	2.15	2.06	2.14	2.10	2.40	2.59	2.86	2.82	3.46	3.60	3.08	3.03	2.50	2.42	1.93
	-0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01
NYPA_GOWANUS____GT6 24157	23.90	22.17	21.19	20.00	21.02	22.63	31.96	35.16	34.48	30.03	27.83	28.21	28.98	30.61	32.37	35.32	40.43	46.14	48.07	42.08	38.31	33.02	29.08	25.17
	1.75	1.45	1.42	1.33	1.32	1.40	1.72	2.15	2.43	2.15	2.06	2.14	2.10	2.40	2.59	2.86	2.82	3.46	3.60	3.08	3.03	2.50	2.42	1.93
	-0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01
NYPA_HARLEM__RVR__GT1 24160	23.83	22.15	21.15	19.95	20.98	22.59	31.66	34.79	34.15	29.74	27.56	27.94	28.70	30.32	32.03	34.94	40.04	45.66	47.58	41.68	37.91	32.71	28.91	25.10
	1.68	1.43	1.38	1.27	1.28	1.36	1.42	1.78	2.11	1.87	1.80	1.88	1.83	2.12	2.26	2.50	2.44	2.99	3.11	2.69	2.65	2.20	2.26	1.86
	-0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	-0.01
NYPA_HARLEM__RVR__GT2 24161	23.83	22.15	21.15	19.95	20.98	22.59	31.66	34.79	34.15	29.74	27.56	27.94	28.70	30.32	32.03	34.94	40.04	45.66	47.58	41.68	37.91	32.71	28.91	25.10
	1.68	1.43	1.38	1.27	1.28	1.36	1.42	1.78	2.11	1.87	1.80	1.88	1.83	2.12	2.26	2.50	2.44	2.99	3.11	2.69	2.65	2.20	2.26	1.86
	-0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	-0.01
NYPA_KENT____GT 24152	23.83	22.13	21.13	19.95	20.98	22.59	31.90	35.10	34.42	29.98	27.77	28.16	28.95	30.55	32.31	35.21	40.35	46.05	47.99	42.01	38.24	32.93	29.03	25.10
	1.68	1.41	1.36	1.27	1.28	1.36	1.66	2.08	2.37	2.09	2.01	2.09	2.07	2.34	2.53	2.76	2.74	3.37	3.51	3.00	2.96	2.41	2.37	1.86
	-0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
NYPA_POUCH1____GT 24155	23.92	22.24	21.23	20.04	21.06	22.65	31.99	35.16	34.38	29.95	27.75	28.13	28.92	30.55	32.34	35.25	40.23	45.92	47.84	41.88	38.24	32.99	29.06	25.17
	1.77	1.51	1.46	1.36	1.36	1.42	1.75	2.15	2.34	2.06	1.98	2.06	2.04	2.34	2.56	2.79	2.63	3.24	3.38	2.89	2.96	2.47	2.40	1.93
	-0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.01	0.01	0.01	0.01	0.00	-0.01	-0.01	-0.01
NYPA_VERNON____GT2 24162	23.79	22.07	21.09	19.91	20.92	22.57	31.84	35.03	34.35	29.95	27.75	28.11	28.90	30.50	32.25	35.14	40.32	45.97	47.90	41.93	38.13	32.86	28.94	25.06
	1.64	1.35	1.32	1.23	1.22	1.34	1.60	2.01	2.31	2.06	1.98	2.03	2.02	2.28	2.47	2.69	2.71	3.29	3.42	2.93	2.86	2.35	2.29	1.81
	-0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
NYPA_VERNON____GT3 24163	23.79	22.07	21.09	19.91	20.92	22.57	31.84	35.03	34.35	29.95	27.75	28.11	28.90	30.50	32.25	35.14	40.32	45.97	47.90	41.93	38.13	32.86	28.94	25.06
	1.64	1.35	1.32	1.23	1.22	1.34	1.60	2.01	2.31	2.06	1.98	2.03	2.02	2.28	2.47	2.69	2.71	3.29	3.42	2.93	2.86	2.35	2.29	1.81
	-0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
NYPA__ASTORIA_CC1 323568	23.76	22.07	21.07	19.89	20.92	22.55	31.78	34.97	34.29	29.89	27.70	28.05	28.84	30.44	32.19	35.08	40.20	45.84	47.76	41.85	38.06	32.80	28.91	25.03
	1.62	1.35	1.30	1.21	1.22	1.32	1.54	1.95	2.24	2.01	1.93	1.98	1.96	2.23	2.41	2.63	2.59	3.16	3.29	2.85	2.79	2.29	2.26	1.79
	-0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
NYPA__ASTORIA_CC2 323569	23.76	22.07	21.07	19.89	20.92	22.55	31.78	34.97	34.29	29.89	27.70	28.05	28.84	30.44	32.19	35.08	40.20	45.84	47.76	41.85	38.06	32.80	28.91	25.03
	1.62	1.35	1.30	1.21	1.22	1.32	1.54	1.95	2.24	2.01	1.93	1.98	1.96	2.23	2.41	2.63	2.59	3.16	3.29	2.85	2.79	2.29	2.26	1.79
	-0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
NYPA__HOLTSVILL 23794	24.13	22.28	21.12	19.92	20.98	22.82	32.08	34.54	34.25	30.06	27.83	28.23	29.03	30.58	31.86	34.27	39.55	45.07	47.10	41.62	37.53	33.08	29.43	25.59
	1.99	1.56	1.36	1.25	1.28	1.59	1.84	1.52	2.21	2.18	2.06	2.16	2.15	2.37	2.08	1.82	1.95	2.39	2.62	2.61	2.26	2.56	2.77	2.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01
NYPA__HELLGATE_GT1 24158	23.83	22.15	21.15	19.95	20.98	22.59	31.66	34.79	34.15	29.74	27.56	27.94	28.70	30.32	32.03	34.94	40.04	45.66	47.58	41.68	37.91	32.71	28.91	25.10
	1.68	1.43	1.38	1.27	1.28	1.36	1.42	1.78	2.11	1.87	1.80	1.88	1.83	2.12	2.26	2.50	2.44	2.99	3.11	2.69	2.65	2.20	2.26	1.86
	-0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	-0.01
NYPA__HELLGATE_GT2 24159	23.83	22.15	21.15	19.95	20.98	22.59	31.66	34.79	34.15	29.74	27.56	27.94	28.70	30.32	32.03	34.94	40.04	45.66	47.58	41.68	37.91	32.71	28.91	25.10
	1.68	1.43	1.38	1.27	1.28	1.36	1.42	1.78	2.11	1.87	1.80	1.88	1.83	2.12	2.26	2.50	2.44	2.99	3.11	2.69	2.65	2.20	2.26	1.86
	-0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	-0.01
NYS_BARGE__HYD 23848	20.04	18.94	17.92	16.97	17.98	19.51	28.24	30.77	29.23	25.60	24.32	24.74	26.05	26.57	27.37	29.53	33.88	38.05	39.61	34.87	31.00	27.52	24.22	21.52
	-2.10	-1.78	-1.84	-1.70	-1.71	-1.72	-2.00	-2.25	-2.82	-2.29	-1.44	-1.33	-0.83	-1.64	-2.41	-2.92	-3.72	-4.61	-4.85	-4.14	-3.84	-2.99	-2.42	-1.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.43	0.00	0.00	0.00

OAK ORCHARD___HYD 24046	20.83 -1.31 0.00	19.64 -1.08 0.00	18.61 -1.15 0.00	17.61 -1.06 0.00	18.65 -1.04 0.00	20.21 -1.02 0.00	29.15 -1.09 0.00	31.86 -1.16 0.00	30.41 -1.63 0.00	26.55 -1.34 0.00	24.86 -0.90 0.00	25.26 -0.81 0.00	26.40 -0.48 0.00	27.20 -1.01 0.00	28.35 -1.43 0.00	30.76 -1.69 0.00	35.50 -2.11 0.00	40.11 -2.56 0.01	41.79 -2.67 0.01	36.78 -2.22 0.00	32.67 -2.29 0.31	28.86 -1.65 0.00	25.21 -1.44 0.00	22.17 -1.07 0.00
OAKDALE___35_KV_LOAD 356122	21.90 -0.24 0.00	20.52 -0.21 0.00	19.50 -0.26 0.00	18.44 -0.22 0.00	19.48 -0.22 0.00	21.08 -0.15 0.00	30.17 -0.06 0.00	33.02 0.00 0.00	31.85 -0.19 0.00	27.72 -0.17 0.00	25.71 -0.05 0.00	26.07 0.00 0.00	26.85 -0.03 0.00	28.21 0.00 0.00	29.63 -0.15 0.00	32.16 -0.29 0.00	37.27 -0.34 0.00	42.29 -0.38 0.01	44.06 -0.40 0.01	38.65 -0.35 0.00	34.63 -0.35 0.29	30.21 -0.31 0.00	26.38 -0.27 0.00	23.10 -0.14 0.00
OCC_CHEM___DRP 24175	19.77 -2.37 0.00	18.71 -2.01 0.00	17.68 -2.07 0.00	16.71 -1.96 0.00	17.75 -1.95 0.00	19.15 -2.08 0.00	27.76 -2.48 0.00	30.18 -2.84 0.00	28.68 -3.36 0.00	25.12 -2.76 0.00	23.91 -1.85 0.00	24.32 -1.75 0.00	24.67 -2.20 0.00	26.10 -2.12 0.00	26.86 -2.92 0.00	28.91 -3.54 0.00	33.21 -4.40 0.00	37.24 -5.42 0.02	38.76 -5.69 0.02	34.09 -4.91 0.00	30.11 -4.73 0.44	27.03 -3.48 0.00	23.80 -2.85 0.00	21.24 -2.00 0.00
OH_GEN_PROXY 24063	19.99 -2.15 0.00	18.92 -1.80 0.00	17.88 -1.88 0.00	16.97 -1.70 0.00	17.94 -1.75 0.00	19.45 -1.78 0.00	28.06 -2.18 0.00	30.54 -2.48 0.00	29.07 -2.98 0.00	25.43 -2.45 0.00	24.14 -1.62 0.00	24.59 -1.48 0.00	25.83 -1.05 0.00	26.35 -1.86 0.00	27.13 -2.65 0.00	29.30 -3.15 0.00	33.62 -3.99 0.00	37.84 -4.82 0.02	39.43 -5.03 0.02	34.67 -4.33 0.00	30.80 -4.02 0.45	27.40 -3.11 0.00	24.14 -2.51 0.00	21.45 -1.79 0.00
OLIN_CORP_DRP 24177	19.73 -2.41 0.00	18.67 -2.05 0.00	17.64 -2.11 0.00	16.69 -1.98 0.00	17.73 -1.97 0.00	19.13 -2.10 0.00	27.73 -2.51 0.00	30.18 -2.84 0.00	28.71 -3.33 0.00	25.12 -2.76 0.00	23.88 -1.88 0.00	24.30 -1.77 0.00	24.65 -2.23 0.00	26.10 -2.12 0.00	26.86 -2.92 0.00	28.91 -3.54 0.00	33.21 -4.40 0.00	37.29 -5.38 0.02	38.81 -5.65 0.02	34.13 -4.88 0.00	30.36 -4.41 0.51	27.03 -3.48 0.00	23.80 -2.85 0.00	21.19 -2.04 0.00
OLIN_CORP_DSASP 323712	19.77 -2.37 0.00	18.71 -2.01 0.00	17.68 -2.07 0.00	16.76 -1.90 0.00	17.77 -1.93 0.00	19.23 -2.00 0.00	27.76 -2.48 0.00	30.18 -2.84 0.00	28.68 -3.36 0.00	25.15 -2.73 0.00	23.91 -1.86 0.00	24.35 -1.72 0.00	25.64 -1.24 0.00	26.10 -2.12 0.00	26.86 -2.92 0.00	28.98 -3.47 0.00	33.21 -4.40 0.00	37.28 -5.38 0.02	38.81 -5.65 0.02	34.13 -4.88 0.00	30.32 -4.52 0.44	27.03 -3.48 0.00	23.85 -2.80 0.00	21.24 -2.00 0.00
ONEIDA_HERK_LFGE 323681	24.33 0.44 -1.75	23.07 0.39 -1.96	21.98 0.36 -1.87	20.98 0.35 -1.96	22.43 0.37 -2.36	24.19 0.47 -2.49	31.11 0.88 0.00	34.11 1.09 0.00	32.94 0.90 0.00	28.58 0.70 0.00	26.31 0.54 0.00	26.67 0.60 0.00	27.50 0.62 0.00	28.86 0.65 0.00	30.47 0.69 0.00	33.16 0.71 0.00	38.62 1.02 0.00	43.88 1.19 0.00	45.67 1.20 0.00	40.06 1.05 0.00	36.23 0.95 0.00	33.87 0.70 -2.66	30.10 0.48 -2.97	26.39 0.49 -2.67
ONEIDA___115KV_TB4 55905	23.36 0.49 -0.74	22.00 0.46 -0.82	20.94 0.40 -0.79	19.89 0.39 -0.82	21.10 0.41 -0.99	22.81 0.53 -1.05	31.17 0.94 0.00	34.14 1.12 0.00	32.97 0.93 0.00	28.61 0.72 0.00	26.38 0.62 0.00	26.75 0.68 0.00	27.55 0.67 0.00	28.97 0.76 0.00	30.58 0.80 0.00	33.26 0.81 0.00	38.66 1.05 0.00	43.83 1.15 0.00	45.63 1.16 0.00	40.02 1.01 0.00	36.19 0.92 0.00	32.36 0.73 -1.12	28.43 0.53 -1.25	24.90 0.53 -1.12
ONONDAGA_REF_OCCRA 23987	21.85 -0.29 0.00	20.45 -0.27 0.00	19.46 -0.30 0.00	18.39 -0.28 0.00	19.42 -0.28 0.00	21.00 -0.23 0.00	30.02 -0.21 0.00	32.79 -0.23 0.00	31.66 -0.38 0.00	27.55 -0.33 0.00	25.48 -0.28 0.00	25.78 -0.29 0.00	26.58 -0.30 0.00	27.93 -0.28 0.00	29.45 -0.33 0.00	32.03 -0.42 0.00	37.12 -0.49 0.00	42.09 -0.60 -0.01	43.90 -0.58 -0.01	38.50 -0.51 0.00	34.91 -0.49 -0.13	30.08 -0.43 0.00	26.25 -0.40 0.00	22.91 -0.33 0.00
ONONDAGA___COGEN 23986	21.85 -0.29 0.00	20.47 -0.25 0.00	19.46 -0.30 0.00	18.39 -0.28 0.00	19.42 -0.28 0.00	21.02 -0.21 0.00	30.02 -0.21 0.00	32.79 -0.23 0.00	31.66 -0.38 0.00	27.55 -0.33 0.00	25.45 -0.31 0.00	25.78 -0.29 0.00	26.56 -0.32 0.00	27.90 -0.31 0.00	29.45 -0.33 0.00	32.03 -0.42 0.00	37.12 -0.49 0.00	42.08 -0.60 0.00	43.85 -0.62 0.00	38.46 -0.55 0.00	34.74 -0.53 0.00	30.08 -0.43 0.00	26.25 -0.40 0.00	22.91 -0.33 0.00
ONTARIO___LFGE 23819	21.52 -0.62 0.00	20.18 -0.54 0.00	19.14 -0.61 0.00	18.11 -0.56 0.00	19.17 -0.53 0.00	20.85 -0.38 0.00	30.06 -0.18 0.00	32.99 -0.03 0.00	31.57 -0.48 0.00	27.47 -0.42 0.00	25.53 -0.23 0.00	25.86 -0.21 0.00	26.91 0.03 0.00	27.96 -0.25 0.00	29.33 -0.45 0.00	31.80 -0.65 0.00	36.89 -0.72 0.00	41.67 -0.98 0.03	43.38 -1.07 0.03	38.30 -0.70 0.00	33.88 -0.74 0.65	29.87 -0.64 0.00	26.04 -0.61 0.00	22.79 -0.44 0.00
ORANGEVILLE_WT_PWR 323706	20.35 -1.79 0.00	19.19 -1.53 0.00	18.17 -1.58 0.00	17.23 -1.44 0.00	18.24 -1.46 0.00	19.83 -1.40 0.00	28.60 -1.63 0.00	31.30 -1.72 0.00	29.83 -2.21 0.00	26.07 -1.81 0.00	24.60 -1.16 0.00	25.00 -1.07 0.00	26.21 -0.67 0.00	26.94 -1.27 0.00	27.87 -1.91 0.00	30.08 -2.37 0.00	34.60 -3.01 0.00	38.98 -3.67 0.03	40.53 -3.91 0.03	35.61 -3.39 0.00	31.61 -3.07 0.59	27.95 -2.56 0.00	24.52 -2.13 0.00	21.70 -1.53 0.00
ORANGEVILLE___ESR 323794	20.35 -1.79 0.00	19.19 -1.53 0.00	18.17 -1.58 0.00	17.23 -1.44 0.00	18.24 -1.46 0.00	19.83 -1.40 0.00	28.60 -1.63 0.00	31.30 -1.72 0.00	29.83 -2.21 0.00	26.07 -1.81 0.00	24.60 -1.16 0.00	25.00 -1.07 0.00	26.21 -0.67 0.00	26.94 -1.27 0.00	27.87 -1.91 0.00	30.08 -2.37 0.00	34.60 -3.01 0.00	38.98 -3.67 0.03	40.53 -3.91 0.03	35.61 -3.39 0.00	31.61 -3.07 0.59	27.95 -2.56 0.00	24.52 -2.13 0.00	21.70 -1.53 0.00
OSWEGATCHIE___HYD 24044	28.69 0.33 -6.22	29.32 0.29 -8.31	27.85 0.22 -7.87	27.78 0.24 -8.87	31.78 0.26 -11.82	34.19 0.45 -12.52	31.38 1.15 0.00	34.47 1.45 0.00	33.10 1.06 0.00	28.64 0.75 0.00	26.23 0.46 0.00	26.56 0.49 0.00	27.34 0.46 0.00	28.64 0.42 0.00	30.23 0.45 0.00	32.94 0.49 0.00	38.66 1.05 0.00	44.13 1.45 0.00	45.99 1.51 0.00	40.33 1.33 0.00	36.31 1.16 0.12	44.63 0.76 -13.35	41.88 0.35 -14.88	37.05 0.42 -13.40
OSWEGO___5 23606	21.54 -0.60 0.00	20.21 -0.52 0.00	19.22 -0.53 0.00	18.17 -0.50 0.00	19.18 -0.51 0.00	20.72 -0.51 0.00	29.57 -0.67 0.00	32.23 -0.79 0.00	31.15 -0.90 0.00	27.10 -0.78 0.00	25.09 -0.67 0.00	25.39 -0.68 0.00	26.26 -0.62 0.00	27.48 -0.73 0.00	28.95 -0.83 0.00	31.51 -0.94 0.00	36.51 -1.09 0.00	41.40 -1.28 0.00	43.14 -1.33 0.00	37.87 -1.13 0.00	34.22 -1.06 0.00	29.63 -0.89 0.00	25.85 -0.80 0.00	22.56 -0.67 0.00

OSWEGO___6 23613	21.54 -0.60 0.00	20.21 -0.52 0.00	19.22 -0.53 0.00	18.17 -0.50 0.00	19.18 -0.51 0.00	20.72 -0.51 0.00	29.57 -0.67 0.00	32.23 -0.79 0.00	31.15 -0.90 0.00	27.10 -0.78 0.00	25.09 -0.67 0.00	25.39 -0.68 0.00	26.26 -0.62 0.00	27.48 -0.73 0.00	28.95 -0.83 0.00	31.51 -0.94 0.00	36.51 -1.09 0.00	41.40 -1.28 0.00	43.14 -1.33 0.00	37.87 -1.13 0.00	34.22 -1.06 0.00	29.63 -0.89 0.00	25.85 -0.80 0.00	22.56 -0.67 0.00
OUTOKUMPU-AB___DRP 24206	20.24 -1.90 0.00	19.13 -1.60 0.00	18.08 -1.68 0.00	17.08 -1.59 0.00	18.14 -1.56 0.00	19.62 -1.61 0.00	28.48 -1.75 0.00	31.07 -1.95 0.00	29.55 -2.50 0.00	25.88 -2.01 0.00	24.58 -1.19 0.00	25.03 -1.04 0.00	25.43 -1.45 0.00	26.94 -1.27 0.00	27.73 -2.05 0.00	29.85 -2.60 0.00	34.26 -3.35 0.00	38.44 -4.23 0.02	40.01 -4.45 0.02	35.14 -3.86 0.00	31.28 -3.63 0.36	27.77 -2.75 0.00	24.44 -2.21 0.00	21.75 -1.49 0.00
OXBOW___BTM 323836	20.04 -2.10 0.00	18.96 -1.76 0.00	17.92 -1.84 0.00	16.97 -1.70 0.00	17.98 -1.71 0.00	19.51 -1.72 0.00	28.18 -2.06 0.00	30.68 -2.34 0.00	29.19 -2.85 0.00	25.57 -2.31 0.00	24.32 -1.44 0.00	24.77 -1.30 0.00	26.07 -0.81 0.00	26.60 -1.61 0.00	27.37 -2.41 0.00	29.50 -2.95 0.00	33.81 -3.80 0.00	37.92 -4.74 0.02	39.47 -4.98 0.02	34.71 -4.29 0.00	30.97 -3.95 0.35	27.46 -3.05 0.00	24.22 -2.42 0.00	21.52 -1.72 0.00
OXBOW____ 24026	20.04 -2.10 0.00	18.96 -1.76 0.00	17.90 -1.86 0.00	16.93 -1.74 0.00	17.98 -1.71 0.00	19.41 -1.83 0.00	28.15 -2.09 0.00	30.67 -2.34 0.00	29.19 -2.85 0.00	25.57 -2.31 0.00	24.29 -1.47 0.00	24.74 -1.33 0.00	25.10 -1.77 0.00	26.58 -1.64 0.00	27.37 -2.41 0.00	29.47 -2.99 0.00	33.81 -3.80 0.00	37.93 -4.74 0.02	39.47 -4.98 0.02	34.67 -4.33 0.00	30.79 -4.13 0.35	27.46 -3.05 0.00	24.17 -2.48 0.00	21.52 -1.72 0.00
OXY_CHEM_DSASP 323612	19.77 -2.37 0.00	18.71 -2.01 0.00	17.68 -2.07 0.00	16.71 -1.96 0.00	17.75 -1.95 0.00	19.15 -2.08 0.00	27.76 -2.48 0.00	30.18 -2.84 0.00	28.68 -3.36 0.00	25.12 -2.76 0.00	23.91 -1.85 0.00	24.32 -1.75 0.00	24.67 -2.20 0.00	26.10 -2.12 0.00	26.86 -2.92 0.00	28.91 -3.54 0.00	33.21 -4.40 0.00	37.24 -5.42 0.02	38.76 -5.69 0.02	34.09 -4.91 0.00	30.11 -4.73 0.44	27.03 -3.48 0.00	23.80 -2.85 0.00	21.24 -2.00 0.00
OZONE_PARK_ESR 323760	23.80 1.66 0.00	22.11 1.39 0.00	21.10 1.34 0.00	19.94 1.27 0.00	20.96 1.26 0.00	22.65 1.42 0.00	32.05 1.81 0.00	35.30 2.28 0.00	34.58 2.53 0.00	30.09 2.20 0.00	27.90 2.14 0.00	28.26 2.19 0.00	29.30 2.42 0.00	30.67 2.45 0.00	32.43 2.65 0.00	35.34 2.89 0.00	40.58 2.97 0.00	46.31 3.63 0.00	48.34 3.87 0.00	42.32 3.32 0.00	38.41 3.14 0.00	33.04 2.53 0.00	29.07 2.43 0.00	25.10 1.86 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	19.77 -2.37 0.00	18.71 -2.01 0.00	17.68 -2.07 0.00	16.71 -1.96 0.00	17.75 -1.95 0.00	19.15 -2.08 0.00	27.76 -2.48 0.00	30.18 -2.84 0.00	28.68 -3.36 0.00	25.12 -2.76 0.00	23.91 -1.85 0.00	24.32 -1.75 0.00	24.67 -2.20 0.00	26.10 -2.12 0.00	26.86 -2.92 0.00	28.91 -3.54 0.00	33.21 -4.40 0.00	37.24 -5.42 0.02	38.76 -5.69 0.02	34.09 -4.91 0.00	30.11 -4.73 0.44	27.03 -3.48 0.00	23.80 -2.85 0.00	21.24 -2.00 0.00
PACKARD___115KV_DUPONT_184 80571	19.77 -2.37 0.00	18.71 -2.01 0.00	17.68 -2.07 0.00	16.71 -1.96 0.00	17.75 -1.95 0.00	19.15 -2.08 0.00	27.76 -2.48 0.00	30.18 -2.84 0.00	28.68 -3.36 0.00	25.12 -2.76 0.00	23.91 -1.85 0.00	24.32 -1.75 0.00	24.67 -2.20 0.00	26.10 -2.12 0.00	26.86 -2.92 0.00	28.91 -3.54 0.00	33.21 -4.40 0.00	37.24 -5.42 0.02	38.76 -5.69 0.02	34.09 -4.91 0.00	30.11 -4.73 0.44	27.03 -3.48 0.00	23.80 -2.85 0.00	21.24 -2.00 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	23.81 1.66 -0.01	22.13 1.41 0.00	21.15 1.38 -0.01	19.96 1.29 -0.01	20.98 1.28 0.00	22.61 1.38 0.00	31.72 1.48 0.00	34.84 1.82 0.00	34.16 2.12 0.00	29.78 1.90 0.00	27.59 1.83 0.00	27.97 1.90 0.00	29.00 2.12 0.00	30.33 2.12 0.00	32.07 2.29 0.00	34.95 2.50 0.00	40.05 2.44 0.00	45.67 2.99 0.00	47.63 3.16 0.00	41.69 2.69 0.00	37.95 2.68 0.00	32.71 2.20 0.00	28.94 2.29 0.00	25.08 1.84 -0.01
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	23.96 1.82 -0.01	22.30 1.57 0.00	21.29 1.52 -0.01	20.10 1.42 -0.01	21.12 1.42 0.00	22.76 1.53 0.00	31.96 1.72 0.00	35.10 2.08 0.00	34.42 2.37 0.00	29.95 2.06 0.00	27.75 1.98 0.00	28.10 2.03 0.00	29.16 2.28 0.00	30.50 2.29 0.00	32.25 2.47 0.00	35.18 2.73 0.00	40.31 2.71 0.00	45.97 3.29 0.00	47.99 3.51 0.00	42.01 3.00 0.00	38.27 3.00 0.00	32.95 2.44 0.00	29.15 2.51 0.00	25.27 2.02 -0.01
PATROON___115KV_TB1 80586	22.87 0.73 0.00	21.51 0.79 0.00	20.51 0.75 0.00	19.40 0.73 0.00	20.43 0.73 0.00	21.83 0.59 0.00	30.99 0.76 0.00	33.68 0.66 0.00	32.78 0.74 0.00	28.44 0.56 0.00	26.23 0.46 0.00	26.46 0.39 0.00	27.44 0.56 0.00	28.83 0.62 0.00	30.50 0.71 0.00	33.36 0.91 0.00	38.62 1.02 0.00	44.64 1.32 -0.64	46.28 1.47 -0.34	40.26 1.25 0.00	36.80 1.20 -0.32	32.25 0.98 -0.77	27.76 0.88 -0.23	23.98 0.70 -0.05
PATTRSNVILLE___SOLAR 323815	23.16 1.02 0.00	21.63 0.91 0.00	20.57 0.81 0.00	19.45 0.78 0.00	20.52 0.83 0.00	22.10 0.87 0.00	31.45 1.21 0.00	34.31 1.29 0.00	33.33 1.28 0.00	28.86 0.98 0.00	26.51 0.75 0.00	26.72 0.65 0.00	27.50 0.62 0.00	29.00 0.79 0.00	30.67 0.89 0.00	33.72 1.26 0.00	39.07 1.47 0.00	45.51 1.88 -0.95	47.03 2.05 -0.51	40.80 1.80 -0.01	37.45 1.69 -0.48	33.06 1.40 -1.14	28.22 1.23 -0.34	24.33 1.02 -0.07
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	20.72 -1.42 0.00	19.56 -1.16 0.00	18.47 -1.28 0.00	17.49 -1.18 0.00	18.55 -1.14 0.00	20.13 -1.10 0.00	29.21 -1.03 0.00	32.00 -1.02 0.00	30.44 -1.60 0.00	26.60 -1.28 0.00	25.22 -0.54 0.00	25.65 -0.42 0.00	26.15 -0.73 0.00	27.70 -0.51 0.00	28.53 -1.25 0.00	30.70 -1.75 0.00	35.31 -2.29 0.00	39.80 -2.86 0.02	41.52 -2.94 0.02	36.31 -2.69 0.00	33.03 -2.01 0.24	28.56 -1.95 0.00	25.05 -1.60 0.00	22.24 -1.00 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	23.65 1.51 0.00	21.99 1.26 0.00	21.00 1.24 0.00	19.83 1.16 0.00	20.88 1.18 0.00	22.57 1.34 0.00	31.96 1.72 0.00	35.03 2.01 0.00	34.42 2.37 0.00	29.86 1.98 0.00	27.62 1.85 0.00	27.92 1.85 0.00	28.95 2.07 0.00	30.33 2.12 0.00	32.10 2.32 0.00	35.01 2.56 0.00	40.39 2.78 0.00	45.93 3.24 0.00	48.03 3.56 0.00	42.04 3.04 0.00	38.03 2.75 0.00	32.83 2.32 0.00	28.70 2.05 0.00	24.86 1.63 0.00
PEEKSKILL____ 23653	23.47 1.33 0.00	21.82 1.10 0.00	20.84 1.09 0.00	19.68 1.01 0.00	20.72 1.02 0.00	22.36 1.12 0.00	31.66 1.42 0.00	34.77 1.75 0.00	34.03 1.99 0.00	29.61 1.73 0.00	27.39 1.62 0.00	27.74 1.67 0.00	28.55 1.67 0.00	30.10 1.89 0.00	31.81 2.03 0.00	34.66 2.21 0.00	39.94 2.33 0.00	45.50 2.82 0.00	47.50 3.03 0.00	41.62 2.61 0.00	37.67 2.40 0.00	32.53 2.01 0.00	28.51 1.86 0.00	24.70 1.46 0.00

PGE MADISON___WINDPWR 24146	23.25 1.11 0.00	21.74 1.02 0.00	20.65 0.89 0.00	19.56 0.90 0.00	20.66 0.96 0.00	22.48 1.25 0.00	32.53 2.30 0.00	35.79 2.77 0.00	34.35 2.31 0.00	29.64 1.76 0.00	27.26 1.49 0.00	27.74 1.67 0.00	28.68 1.80 0.00	30.10 1.89 0.00	31.75 1.97 0.00	34.43 1.98 0.00	40.24 2.63 0.00	45.71 2.99 -0.04	47.32 2.80 -0.04	41.42 2.42 0.00	38.37 2.15 -0.95	32.16 1.65 0.00	27.85 1.20 0.00	24.44 1.21 0.00
PIERCEFIELD___HYD 23852	31.54 0.40 -9.00	33.22 0.35 -12.15	31.54 0.28 -11.50	31.96 0.28 -13.01	37.44 0.32 -17.42	40.20 0.53 -18.44	31.66 1.42 0.00	34.80 1.78 0.00	33.39 1.35 0.00	28.89 1.00 0.00	26.41 0.64 0.00	26.75 0.68 0.00	27.47 0.59 0.00	28.78 0.56 0.00	30.41 0.63 0.00	33.13 0.68 0.00	39.04 1.43 0.00	44.60 1.92 0.00	46.39 1.91 0.00	40.64 1.64 0.00	36.57 1.48 0.19	51.13 0.95 -19.67	49.03 0.45 -21.93	43.51 0.53 -19.74
PINELAWN_CC_1 323563	24.04 1.90 0.00	22.24 1.51 0.00	21.08 1.32 0.00	19.88 1.21 0.00	20.94 1.24 0.00	22.78 1.55 0.00	32.11 1.88 0.00	34.60 1.58 0.00	34.29 2.24 0.00	30.09 2.20 0.00	27.88 2.11 0.00	28.29 2.21 0.00	29.11 2.23 0.00	30.64 2.43 0.00	31.95 2.17 0.00	34.10 1.65 0.00	39.33 1.73 0.01	44.73 2.05 0.00	46.70 2.22 0.00	41.26 2.26 0.00	37.32 2.05 0.00	33.08 2.56 0.00	29.38 2.72 -0.01	25.50 2.25 -0.01
PJM_GEN_HTP_PROXY 323702	23.62 1.48 0.00	21.95 1.22 0.00	20.94 1.19 0.00	19.77 1.10 0.00	20.80 1.10 0.00	22.46 1.23 0.00	31.81 1.57 0.00	35.00 1.98 0.00	34.29 2.24 0.00	29.84 1.95 0.00	27.62 1.86 0.00	27.97 1.90 0.00	28.79 1.91 0.00	30.35 2.14 0.00	32.07 2.29 0.00	34.95 2.50 0.00	40.20 2.59 0.00	45.84 3.16 0.00	47.81 3.34 0.00	41.89 2.89 0.00	37.95 2.68 0.00	32.74 2.23 0.00	28.75 2.10 0.00	24.89 1.65 0.00
PJM_GEN_KEystone 24065	21.94 -0.20 0.00	20.54 -0.19 0.00	19.52 -0.24 0.00	18.48 -0.19 0.00	19.50 -0.20 0.00	21.10 -0.13 0.00	30.14 -0.09 0.00	33.02 0.00 0.00	31.92 -0.13 0.00	27.80 -0.08 0.00	25.95 0.18 0.00	26.33 0.26 0.00	27.34 0.46 0.00	28.49 0.28 0.00	29.78 0.00 0.00	32.32 -0.13 0.00	37.23 -0.38 0.00	42.28 -0.38 0.01	44.06 -0.40 0.01	38.69 -0.31 0.00	34.74 -0.25 0.29	30.30 -0.21 0.00	26.57 -0.08 0.00	23.26 0.02 0.00
PJM_GEN_NEPTUNE_PROXY 323594	23.71 1.57 0.00	21.95 1.22 0.00	20.84 1.09 0.00	19.66 0.99 0.00	20.70 1.00 0.00	22.46 1.23 0.00	31.72 1.48 0.00	34.27 1.25 0.00	33.90 1.86 0.00	29.75 1.87 0.00	27.57 1.80 0.00	27.97 1.90 0.00	28.79 1.91 0.00	30.30 2.09 0.00	31.66 1.88 0.00	34.14 1.69 0.00	39.33 1.73 0.01	44.86 2.18 0.00	46.83 2.36 0.00	41.19 2.18 0.00	37.25 1.97 0.00	32.65 2.14 0.00	28.95 2.29 -0.01	25.10 1.86 -0.01
PJM_GEN_VFT_PROXY 323633	23.51 1.37 0.00	21.86 1.14 0.00	20.86 1.11 0.00	19.69 1.03 0.00	20.72 1.02 0.00	22.38 1.15 0.00	31.63 1.39 0.00	34.83 1.81 0.00	34.13 2.08 0.00	29.72 1.84 0.00	27.52 1.75 0.00	27.90 1.82 0.00	28.68 1.80 0.00	30.27 2.06 0.00	31.98 2.20 0.00	34.85 2.40 0.00	40.01 2.41 0.00	45.59 2.90 0.00	47.59 3.11 0.00	41.66 2.65 0.00	37.82 2.54 0.00	32.59 2.08 0.00	28.67 2.02 0.00	24.79 1.56 0.00
PLATSBURG_115KV_PMLD1 355749	-6.94 -0.66 28.42	-7.00 -0.64 27.08	-7.00 -0.61 26.14	-7.05 -0.60 25.12	-7.09 -0.61 26.17	-7.07 -0.59 27.70	29.66 -0.57 0.00	32.42 -0.59 0.00	31.47 -0.58 0.00	27.58 -0.31 0.00	25.45 -0.31 0.00	25.86 -0.21 0.00	26.58 -0.30 0.00	27.79 -0.42 0.00	29.39 -0.39 0.00	32.06 -0.39 0.00	37.49 -0.11 0.00	42.47 -0.21 0.00	43.81 -0.67 0.00	38.22 -0.78 0.00	34.10 -0.74 0.44	0.20 -0.76 29.55	-7.09 -0.80 32.94	-7.09 -0.67 29.65
PLEASANTVLY___LBMP 24000	23.34 1.20 0.00	21.74 1.02 0.00	20.74 0.99 0.00	19.60 0.93 0.00	20.64 0.95 0.00	22.25 1.02 0.00	31.48 1.24 0.00	34.54 1.52 0.00	33.78 1.73 0.00	29.39 1.51 0.00	27.18 1.42 0.00	27.48 1.41 0.00	28.44 1.56 0.00	29.82 1.61 0.00	31.51 1.73 0.00	34.37 1.91 0.00	39.64 2.03 0.00	45.31 2.48 -0.16	47.22 2.67 -0.08	41.30 2.30 0.00	37.51 2.15 -0.08	32.47 1.77 -0.19	28.36 1.65 -0.06	24.55 1.30 -0.01
PLSNTVLE_13_KV_13.8KVDIST 80602	23.53 1.39 0.00	21.88 1.16 0.00	20.88 1.13 0.00	19.73 1.06 0.00	20.76 1.06 0.00	22.40 1.17 0.00	31.72 1.48 0.00	34.84 1.82 0.00	34.13 2.08 0.00	29.67 1.78 0.00	27.49 1.73 0.00	27.82 1.75 0.00	28.81 1.94 0.00	30.19 1.97 0.00	31.92 2.14 0.00	34.75 2.30 0.00	40.09 2.48 0.00	45.67 2.99 0.00	47.68 3.20 0.00	41.73 2.73 0.00	37.81 2.54 0.00	32.62 2.11 0.00	28.62 1.97 0.00	24.77 1.53 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	23.53 1.39 0.00	21.88 1.16 0.00	20.88 1.13 0.00	19.73 1.06 0.00	20.76 1.06 0.00	22.40 1.17 0.00	31.72 1.48 0.00	34.84 1.82 0.00	34.13 2.08 0.00	29.67 1.78 0.00	27.49 1.73 0.00	27.82 1.75 0.00	28.81 1.94 0.00	30.19 1.97 0.00	31.92 2.14 0.00	34.75 2.30 0.00	40.09 2.48 0.00	45.67 2.99 0.00	47.68 3.20 0.00	41.73 2.73 0.00	37.81 2.54 0.00	32.62 2.11 0.00	28.62 1.97 0.00	24.77 1.53 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.49 1.35 0.00	21.84 1.12 0.00	20.86 1.11 0.00	19.70 1.03 0.00	20.76 1.06 0.00	22.36 1.13 0.00	31.66 1.42 0.00	34.74 1.72 0.00	34.00 1.95 0.00	29.53 1.65 0.00	27.28 1.52 0.00	27.58 1.51 0.00	28.57 1.69 0.00	29.90 1.69 0.00	31.66 1.88 0.00	34.56 2.11 0.00	39.94 2.33 0.00	45.46 2.77 0.00	47.54 3.07 0.00	41.62 2.61 0.00	37.71 2.43 0.00	32.56 2.04 0.00	28.49 1.84 0.00	24.68 1.44 0.00
POLETTI___ 23519	23.62 1.48 0.00	21.95 1.22 0.00	20.96 1.21 0.00	19.79 1.12 0.00	20.82 1.12 0.00	22.48 1.25 0.00	31.75 1.51 0.00	34.93 1.92 0.00	34.26 2.21 0.00	29.81 1.92 0.00	27.64 1.88 0.00	28.00 1.93 0.00	29.03 2.15 0.00	30.36 2.14 0.00	32.10 2.32 0.00	34.98 2.53 0.00	40.16 2.56 0.00	45.80 3.12 0.00	47.81 3.34 0.00	41.85 2.85 0.00	37.99 2.72 0.00	32.71 2.20 0.00	28.78 2.13 0.00	24.89 1.65 0.00
POMONA___ESR 323819	23.47 1.33 0.00	21.80 1.08 0.00	20.80 1.05 0.00	19.66 0.99 0.00	20.70 1.00 0.00	22.33 1.10 0.00	31.63 1.39 0.00	34.73 1.72 0.00	34.00 1.96 0.00	29.56 1.67 0.00	27.34 1.57 0.00	27.69 1.62 0.00	28.52 1.64 0.00	30.04 1.83 0.00	31.75 1.97 0.00	34.59 2.14 0.00	39.90 2.29 0.00	45.50 2.82 0.00	47.45 2.98 0.00	41.58 2.57 0.00	37.64 2.36 0.00	32.49 1.98 0.00	28.49 1.84 0.00	24.70 1.46 0.00
PORT_JEFF_3 23555	24.20 2.06 0.00	22.36 1.64 0.00	21.18 1.42 0.00	19.98 1.31 0.00	21.04 1.34 0.00	22.91 1.68 0.00	32.20 1.96 0.00	34.67 1.65 0.00	34.38 2.34 0.00	30.17 2.29 0.00	27.93 2.16 0.00	28.34 2.27 0.00	29.16 2.28 0.00	30.72 2.51 0.00	32.02 2.23 0.00	34.43 1.98 0.00	39.78 2.18 0.01	45.24 2.56 0.00	47.28 2.80 0.00	41.85 2.85 0.00	37.74 2.47 0.00	33.23 2.71 0.00	29.54 2.88 -0.01	25.68 2.44 -0.01

PORT_JEFF_4 23616	24.20 2.06 0.00	22.36 1.64 0.00	21.18 1.42 0.00	19.98 1.31 0.00	21.04 1.34 0.00	22.91 1.68 0.00	32.20 1.96 0.00	34.67 1.65 0.00	34.38 2.34 0.00	30.17 2.29 0.00	27.93 2.16 0.00	28.34 2.27 0.00	29.16 2.28 0.00	30.72 2.51 0.00	32.02 2.23 0.00	34.43 1.98 0.00	39.78 2.18 0.01	45.24 2.56 0.00	47.28 2.80 0.00	41.85 2.85 0.00	37.74 2.47 0.00	33.23 2.71 0.00	29.54 2.88 -0.01	25.68 2.44 -0.01
PORT_JEFF_IC 23713	24.22 2.08 0.00	22.36 1.64 0.00	21.22 1.46 0.00	20.05 1.38 0.00	21.04 1.34 0.00	22.99 1.76 0.00	32.20 1.97 0.00	34.70 1.68 0.00	34.45 2.40 0.00	30.25 2.37 0.00	28.03 2.27 0.00	28.44 2.37 0.00	29.49 2.61 0.00	30.81 2.60 0.00	32.19 2.41 0.00	34.59 2.14 0.00	39.93 2.33 0.01	45.33 2.65 0.00	47.50 3.02 0.00	42.08 3.08 0.00	37.95 2.68 0.00	33.35 2.84 0.00	29.62 2.96 -0.01	25.71 2.46 -0.01
PPL PILGRIM_ST_GT1 24216	24.20 2.06 0.00	22.36 1.64 0.00	21.20 1.44 0.00	19.99 1.33 0.00	21.06 1.36 0.00	22.91 1.68 0.00	32.29 2.06 0.00	34.77 1.75 0.00	34.48 2.43 0.00	30.25 2.37 0.00	28.03 2.27 0.00	28.42 2.35 0.00	29.24 2.37 0.00	30.78 2.57 0.00	32.07 2.29 0.00	34.50 2.05 0.00	39.85 2.26 0.01	45.45 2.77 0.00	47.50 3.03 0.00	41.89 2.89 0.00	37.78 2.50 0.00	33.26 2.75 0.00	29.56 2.91 -0.01	25.66 2.42 -0.01
PPL PILGRIM_ST_GT2 24217	24.20 2.06 0.00	22.36 1.64 0.00	21.20 1.44 0.00	19.99 1.33 0.00	21.06 1.36 0.00	22.91 1.68 0.00	32.29 2.06 0.00	34.77 1.75 0.00	34.48 2.43 0.00	30.25 2.37 0.00	28.03 2.27 0.00	28.42 2.35 0.00	29.24 2.37 0.00	30.78 2.57 0.00	32.07 2.29 0.00	34.50 2.05 0.00	39.85 2.26 0.01	45.45 2.77 0.00	47.50 3.03 0.00	41.89 2.89 0.00	37.78 2.50 0.00	33.26 2.75 0.00	29.56 2.91 -0.01	25.66 2.42 -0.01
PPL_SHRM_GT3 24213	24.29 2.15 0.00	22.40 1.68 0.00	21.24 1.48 0.00	20.01 1.34 0.00	21.08 1.38 0.00	22.95 1.72 0.00	32.23 2.00 0.00	34.77 1.75 0.00	34.48 2.43 0.00	30.23 2.34 0.00	27.93 2.16 0.00	28.34 2.27 0.00	29.16 2.28 0.00	30.78 2.57 0.00	32.07 2.29 0.00	34.50 2.05 0.00	39.74 2.14 0.01	45.33 2.65 0.00	47.36 2.89 0.00	42.05 3.04 0.00	37.88 2.61 0.00	33.41 2.90 0.00	29.62 2.96 -0.01	25.80 2.56 -0.01
PPL_SHRM_GT4 24214	24.29 2.15 0.00	22.40 1.68 0.00	21.24 1.48 0.00	20.01 1.34 0.00	21.08 1.38 0.00	22.95 1.72 0.00	32.23 2.00 0.00	34.77 1.75 0.00	34.48 2.43 0.00	30.23 2.34 0.00	27.93 2.16 0.00	28.34 2.27 0.00	29.16 2.28 0.00	30.78 2.57 0.00	32.07 2.29 0.00	34.50 2.05 0.00	39.74 2.14 0.01	45.33 2.65 0.00	47.36 2.89 0.00	42.05 3.04 0.00	37.88 2.61 0.00	33.41 2.90 0.00	29.62 2.96 -0.01	25.80 2.56 -0.01
PROJECT___ORANGE 1 24174	21.76 -0.38 0.00	20.39 -0.33 0.00	19.40 -0.36 0.00	18.33 -0.34 0.00	19.36 -0.33 0.00	20.93 -0.30 0.00	29.90 -0.33 0.00	32.66 -0.36 0.00	31.53 -0.51 0.00	27.47 -0.42 0.00	25.40 -0.36 0.00	25.71 -0.36 0.00	26.50 -0.38 0.00	27.85 -0.37 0.00	29.36 -0.42 0.00	31.93 -0.52 0.00	36.97 -0.64 0.00	41.91 -0.77 0.00	43.67 -0.80 0.00	38.34 -0.66 0.00	34.60 -0.67 0.00	29.96 -0.55 0.00	26.17 -0.48 0.00	22.84 -0.40 0.00
PROJECT___ORANGE 2 24166	21.76 -0.38 0.00	20.39 -0.33 0.00	19.40 -0.36 0.00	18.33 -0.34 0.00	19.36 -0.33 0.00	20.93 -0.30 0.00	29.90 -0.33 0.00	32.66 -0.36 0.00	31.53 -0.51 0.00	27.47 -0.42 0.00	25.40 -0.36 0.00	25.71 -0.36 0.00	26.50 -0.38 0.00	27.85 -0.37 0.00	29.36 -0.42 0.00	31.93 -0.52 0.00	36.97 -0.64 0.00	41.91 -0.77 0.00	43.67 -0.80 0.00	38.34 -0.66 0.00	34.60 -0.67 0.00	29.96 -0.55 0.00	26.17 -0.48 0.00	22.84 -0.40 0.00
PUCKETT___SOLAR 323809	22.30 0.16 0.00	20.87 0.15 0.00	19.84 0.08 0.00	18.78 0.11 0.00	19.82 0.12 0.00	21.49 0.26 0.00	30.78 0.54 0.00	33.74 0.73 0.00	32.49 0.45 0.00	28.19 0.31 0.00	26.05 0.28 0.00	26.38 0.31 0.00	27.28 0.40 0.00	28.55 0.34 0.00	30.05 0.27 0.00	32.68 0.23 0.00	37.98 0.38 0.00	43.20 0.51 0.00	44.96 0.49 0.00	39.47 0.47 0.00	35.70 0.42 -0.01	30.82 0.31 0.00	26.89 0.24 0.00	23.52 0.28 0.00
PYRITES___HYD 24023	32.02 0.89 -9.00	33.66 0.79 -12.15	31.95 0.69 -11.50	32.37 0.69 -13.01	37.85 0.73 -17.42	40.71 1.04 -18.44	32.56 2.33 0.00	35.86 2.84 0.00	34.26 2.21 0.00	29.53 1.65 0.00	26.90 1.13 0.00	27.24 1.17 0.00	27.93 1.05 0.00	29.26 1.04 0.00	30.91 1.13 0.00	33.68 1.23 0.00	39.82 2.22 0.00	45.67 2.99 0.00	47.59 3.11 0.00	41.73 2.73 0.00	37.55 2.47 0.19	51.92 1.74 -19.67	49.59 1.01 -21.93	44.05 1.07 -19.74
QUAKERRD_115KV_BK1 80622	20.57 -1.57 0.00	19.38 -1.35 0.00	18.37 -1.38 0.00	17.34 -1.33 0.00	18.40 -1.30 0.00	19.89 -1.34 0.00	28.66 -1.57 0.00	31.34 -1.68 0.00	29.99 -2.05 0.00	26.18 -1.70 0.00	24.42 -1.34 0.00	24.79 -1.28 0.00	25.37 -1.51 0.00	26.72 -1.50 0.00	27.96 -1.82 0.00	30.34 -2.11 0.00	35.09 -2.52 0.00	39.64 -3.03 0.01	41.26 -3.20 0.01	36.31 -2.69 0.00	32.26 -2.72 0.30	28.47 -2.04 0.00	24.84 -1.81 0.00	21.80 -1.44 0.00
QUENSBRY_115KV_TB8 356137	23.89 1.75 0.00	22.32 1.60 0.00	21.14 1.38 0.00	19.99 1.33 0.00	21.10 1.40 0.00	22.74 1.51 0.00	31.84 1.60 0.00	34.74 1.72 0.00	33.87 1.83 0.00	29.25 1.37 0.00	26.97 1.21 0.00	27.09 1.02 0.00	27.85 0.97 0.00	29.23 1.02 0.00	30.88 1.10 0.00	33.94 1.49 0.00	39.30 1.69 0.00	46.47 2.30 -1.48	47.79 2.53 -0.79	41.24 2.22 -0.01	38.10 2.08 -0.75	33.97 1.68 -1.78	28.70 1.52 -0.53	25.07 1.72 -0.11
RAMAPO___LBMP 323565	23.40 1.26 0.00	21.76 1.04 0.00	20.76 1.01 0.00	19.62 0.95 0.00	20.64 0.95 0.00	22.29 1.06 0.00	31.57 1.33 0.00	34.67 1.65 0.00	33.90 1.86 0.00	29.50 1.62 0.00	27.28 1.52 0.00	27.64 1.56 0.00	28.63 1.75 0.00	29.99 1.78 0.00	31.69 1.91 0.00	34.53 2.08 0.00	39.79 2.18 0.00	45.37 2.69 0.00	47.36 2.89 0.00	41.50 2.50 0.00	37.57 2.29 0.00	32.40 1.89 0.00	28.44 1.79 0.00	24.63 1.39 0.00
RANKINE____ 23646	20.46 -1.68 0.00	19.31 -1.41 0.00	18.25 -1.50 0.00	17.27 -1.40 0.00	18.34 -1.36 0.00	19.83 -1.40 0.00	28.78 -1.45 0.00	31.47 -1.55 0.00	29.93 -2.12 0.00	26.18 -1.70 0.00	24.84 -0.93 0.00	25.29 -0.78 0.00	25.72 -1.16 0.00	27.25 -0.96 0.00	28.05 -1.73 0.00	30.21 -2.24 0.00	34.71 -2.90 0.00	38.99 -3.67 0.02	40.63 -3.82 0.02	35.65 -3.35 0.00	31.87 -3.03 0.37	28.10 -2.41 0.00	24.68 -1.97 0.00	21.94 -1.30 0.00
RAVENSWOOD_GT2_1 24244	23.67 1.53 0.00	21.97 1.24 0.00	20.98 1.22 0.00	19.83 1.16 0.00	20.84 1.14 0.00	22.51 1.27 0.00	31.81 1.57 0.00	35.00 1.98 0.00	34.29 2.24 0.00	29.86 1.98 0.00	27.67 1.91 0.00	28.03 1.96 0.00	29.06 2.18 0.00	30.41 2.20 0.00	32.16 2.38 0.00	35.01 2.56 0.00	40.24 2.63 0.00	45.88 3.20 0.00	47.90 3.42 0.00	41.89 2.89 0.00	38.06 2.79 0.00	32.77 2.26 0.00	28.83 2.19 0.00	24.93 1.70 0.00

RAVENSWOOD_GT2_2 24245	23.67 1.53 0.00	21.97 1.24 0.00	20.98 1.22 0.00	19.83 1.16 0.00	20.84 1.14 0.00	22.51 1.27 0.00	31.81 1.57 0.00	35.00 1.98 0.00	34.29 2.24 0.00	29.86 1.98 0.00	27.67 1.91 0.00	28.03 1.96 0.00	29.06 2.18 0.00	30.41 2.20 0.00	32.16 2.38 0.00	35.01 2.56 0.00	40.24 2.63 0.00	45.88 3.20 0.00	47.90 3.42 0.00	41.89 2.89 0.00	38.06 2.79 0.00	32.77 2.26 0.00	28.83 2.19 0.00	24.93 1.70 0.00
RAVENSWOOD_GT2_3 24246	23.67 1.53 0.00	21.99 1.26 0.00	21.00 1.24 0.00	19.83 1.16 0.00	20.86 1.16 0.00	22.53 1.30 0.00	31.84 1.60 0.00	35.03 2.01 0.00	34.32 2.28 0.00	29.89 2.01 0.00	27.70 1.93 0.00	28.05 1.98 0.00	29.08 2.20 0.00	30.44 2.23 0.00	32.16 2.38 0.00	35.05 2.60 0.00	40.28 2.67 0.00	45.88 3.20 0.00	47.90 3.42 0.00	41.93 2.93 0.00	38.06 2.79 0.00	32.80 2.29 0.00	28.83 2.19 0.00	24.93 1.70 0.00
RAVENSWOOD_GT2_4 24247	23.67 1.53 0.00	21.99 1.26 0.00	21.00 1.24 0.00	19.83 1.16 0.00	20.86 1.16 0.00	22.53 1.30 0.00	31.84 1.60 0.00	35.03 2.01 0.00	34.32 2.28 0.00	29.89 2.01 0.00	27.70 1.93 0.00	28.05 1.98 0.00	29.08 2.20 0.00	30.44 2.23 0.00	32.16 2.38 0.00	35.05 2.60 0.00	40.28 2.67 0.00	45.88 3.20 0.00	47.90 3.42 0.00	41.93 2.93 0.00	38.06 2.79 0.00	32.80 2.29 0.00	28.83 2.19 0.00	24.93 1.70 0.00
RAVENSWOOD_GT3_1 24248	23.67 1.53 0.00	21.99 1.26 0.00	20.98 1.22 0.00	19.83 1.16 0.00	20.84 1.14 0.00	22.53 1.30 0.00	31.81 1.57 0.00	35.00 1.98 0.00	34.29 2.24 0.00	29.86 1.98 0.00	27.67 1.91 0.00	28.03 1.96 0.00	29.06 2.18 0.00	30.41 2.20 0.00	32.16 2.38 0.00	35.05 2.60 0.00	40.24 2.63 0.00	45.88 3.20 0.00	47.90 3.42 0.00	41.93 2.93 0.00	38.06 2.79 0.00	32.77 2.26 0.00	28.83 2.19 0.00	24.93 1.70 0.00
RAVENSWOOD_GT3_2 24249	23.67 1.53 0.00	21.99 1.26 0.00	20.98 1.22 0.00	19.83 1.16 0.00	20.84 1.14 0.00	22.53 1.30 0.00	31.81 1.57 0.00	35.00 1.98 0.00	34.29 2.24 0.00	29.86 1.98 0.00	27.67 1.91 0.00	28.03 1.96 0.00	29.06 2.18 0.00	30.41 2.20 0.00	32.16 2.38 0.00	35.05 2.60 0.00	40.24 2.63 0.00	45.88 3.20 0.00	47.90 3.42 0.00	41.93 2.93 0.00	38.06 2.79 0.00	32.77 2.26 0.00	28.83 2.19 0.00	24.93 1.70 0.00
RAVENSWOOD_GT3_3 24250	23.69 1.55 0.00	22.01 1.28 0.00	21.02 1.26 0.00	19.84 1.18 0.00	20.88 1.18 0.00	22.55 1.32 0.00	31.87 1.63 0.00	35.07 2.05 0.00	34.35 2.31 0.00	29.92 2.04 0.00	27.72 1.96 0.00	28.08 2.01 0.00	29.11 2.23 0.00	30.47 2.26 0.00	32.22 2.44 0.00	35.11 2.66 0.00	40.31 2.71 0.00	45.97 3.29 0.00	47.99 3.51 0.00	42.01 3.00 0.00	38.13 2.86 0.00	32.83 2.32 0.00	28.89 2.24 0.00	24.96 1.72 0.00
RAVENSWOOD_GT3_4 24251	23.69 1.55 0.00	22.01 1.28 0.00	21.02 1.26 0.00	19.84 1.18 0.00	20.88 1.18 0.00	22.55 1.32 0.00	31.87 1.63 0.00	35.07 2.05 0.00	34.35 2.31 0.00	29.92 2.04 0.00	27.72 1.96 0.00	28.08 2.01 0.00	29.11 2.23 0.00	30.47 2.26 0.00	32.22 2.44 0.00	35.11 2.66 0.00	40.31 2.71 0.00	45.97 3.29 0.00	47.99 3.51 0.00	42.01 3.00 0.00	38.13 2.86 0.00	32.83 2.32 0.00	28.89 2.24 0.00	24.96 1.72 0.00
RAVENSWOOD_GT_1 23729	23.79 1.64 -0.01	22.07 1.35 0.00	21.09 1.32 -0.01	19.91 1.23 -0.01	20.92 1.22 0.00	22.59 1.36 0.00	31.84 1.60 0.00	35.03 2.01 0.00	34.35 2.31 0.00	29.95 2.06 0.00	27.75 1.98 0.00	28.10 2.03 0.00	29.16 2.28 0.00	30.50 2.29 0.00	32.25 2.47 0.00	35.15 2.69 0.00	40.28 2.67 0.00	45.93 3.24 0.00	47.90 3.42 0.00	41.93 2.93 0.00	38.13 2.86 0.00	32.86 2.35 0.00	28.94 2.29 0.00	25.06 1.81 -0.01
RAVENSWOOD_GT_10 24258	23.67 1.53 0.00	21.97 1.24 0.00	20.98 1.22 0.00	19.83 1.16 0.00	20.84 1.14 0.00	22.51 1.27 0.00	31.81 1.57 0.00	35.00 1.98 0.00	34.32 2.28 0.00	29.86 1.98 0.00	27.67 1.91 0.00	28.03 1.96 0.00	29.06 2.18 0.00	30.41 2.20 0.00	32.16 2.38 0.00	35.05 2.60 0.00	40.24 2.63 0.00	45.88 3.20 0.00	47.90 3.42 0.00	41.93 2.93 0.00	38.06 2.79 0.00	32.77 2.26 0.00	28.83 2.19 0.00	24.93 1.70 0.00
RAVENSWOOD_GT_11 24259	23.67 1.53 0.00	21.97 1.24 0.00	20.98 1.22 0.00	19.83 1.16 0.00	20.84 1.14 0.00	22.51 1.27 0.00	31.81 1.57 0.00	35.00 1.98 0.00	34.32 2.28 0.00	29.86 1.98 0.00	27.67 1.91 0.00	28.03 1.96 0.00	29.06 2.18 0.00	30.41 2.20 0.00	32.16 2.38 0.00	35.05 2.60 0.00	40.24 2.63 0.00	45.88 3.20 0.00	47.90 3.42 0.00	41.93 2.93 0.00	38.06 2.79 0.00	32.77 2.26 0.00	28.83 2.19 0.00	24.93 1.70 0.00
RAVENSWOOD_GT_4 24252	23.64 1.51 0.01	21.97 1.24 0.00	20.96 1.21 0.01	19.80 1.14 0.01	20.84 1.14 0.00	22.51 1.27 0.00	31.81 1.57 0.00	35.00 1.98 0.00	34.32 2.28 0.00	29.86 1.98 0.00	27.67 1.91 0.00	28.03 1.96 0.00	29.06 2.18 0.00	30.41 2.20 0.00	32.13 2.35 0.00	35.02 2.56 0.00	40.24 2.63 0.00	45.88 3.20 0.00	47.90 3.42 0.00	41.93 2.93 0.00	38.06 2.79 0.00	32.77 2.26 0.00	28.81 2.16 0.00	24.90 1.67 0.01
RAVENSWOOD_GT_5 24254	23.64 1.51 0.01	21.97 1.24 0.00	20.96 1.21 0.01	19.80 1.14 0.01	20.84 1.14 0.00	22.51 1.27 0.00	31.81 1.57 0.00	35.00 1.98 0.00	34.32 2.28 0.00	29.86 1.98 0.00	27.67 1.91 0.00	28.03 1.96 0.00	29.06 2.18 0.00	30.41 2.20 0.00	32.13 2.35 0.00	35.02 2.56 0.00	40.24 2.63 0.00	45.88 3.20 0.00	47.90 3.42 0.00	41.93 2.93 0.00	38.06 2.79 0.00	32.77 2.26 0.00	28.81 2.16 0.00	24.90 1.67 0.01
RAVENSWOOD_GT_6 24253	23.64 1.51 0.01	21.97 1.24 0.00	20.96 1.21 0.01	19.80 1.14 0.01	20.84 1.14 0.00	22.51 1.27 0.00	31.81 1.57 0.00	35.00 1.98 0.00	34.32 2.28 0.00	29.86 1.98 0.00	27.67 1.91 0.00	28.03 1.96 0.00	29.06 2.18 0.00	30.41 2.20 0.00	32.13 2.35 0.00	35.02 2.56 0.00	40.24 2.63 0.00	45.88 3.20 0.00	47.90 3.42 0.00	41.93 2.93 0.00	38.06 2.79 0.00	32.77 2.26 0.00	28.81 2.16 0.00	24.90 1.67 0.01
RAVENSWOOD_GT_7 24255	23.64 1.51 0.01	21.97 1.24 0.00	20.96 1.21 0.01	19.80 1.14 0.01	20.84 1.14 0.00	22.51 1.27 0.00	31.81 1.57 0.00	35.00 1.98 0.00	34.32 2.28 0.00	29.86 1.98 0.00	27.67 1.91 0.00	28.03 1.96 0.00	29.06 2.18 0.00	30.41 2.20 0.00	32.13 2.35 0.00	35.02 2.56 0.00	40.24 2.63 0.00	45.88 3.20 0.00	47.90 3.42 0.00	41.93 2.93 0.00	38.06 2.79 0.00	32.77 2.26 0.00	28.81 2.16 0.00	24.90 1.67 0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	23.67 1.53 0.00	21.97 1.24 0.00	20.98 1.22 0.00	19.83 1.16 0.00	20.84 1.14 0.00	22.51 1.27 0.00	31.81 1.57 0.00	35.00 1.98 0.00	34.32 2.28 0.00	29.86 1.98 0.00	27.67 1.91 0.00	28.03 1.96 0.00	29.06 2.18 0.00	30.41 2.20 0.00	32.16 2.38 0.00	35.05 2.60 0.00	40.24 2.63 0.00	45.88 3.20 0.00	47.90 3.42 0.00	41.93 2.93 0.00	38.06 2.79 0.00	32.77 2.26 0.00	28.83 2.19 0.00	24.93 1.70 0.00

RAVENSWOOD_GT_9 24257	23.67 1.53 0.00	21.97 1.24 0.00	20.98 1.22 0.00	19.83 1.16 0.00	20.84 1.14 0.00	22.51 1.27 0.00	31.81 1.57 0.00	35.00 1.98 0.00	34.32 2.28 0.00	29.86 1.98 0.00	27.67 1.91 0.00	28.03 1.96 0.00	29.06 2.18 0.00	30.41 2.20 0.00	32.16 2.38 0.00	35.05 2.60 0.00	40.24 2.63 0.00	45.88 3.20 0.00	47.90 3.42 0.00	41.93 2.93 0.00	38.06 2.79 0.00	32.77 2.26 0.00	28.83 2.19 0.00	24.93 1.70 0.00
RAVENSWOOD____1 23533	23.76 1.62 -0.01	22.07 1.35 0.00	21.07 1.30 -0.01	19.89 1.21 -0.01	20.92 1.22 0.00	22.55 1.32 0.00	31.84 1.60 0.00	35.03 2.01 0.00	34.35 2.31 0.00	29.92 2.03 0.00	27.72 1.96 0.00	28.08 2.01 0.00	28.87 1.99 0.00	30.47 2.26 0.00	32.22 2.44 0.00	35.11 2.66 0.00	40.28 2.67 0.00	45.92 3.24 0.00	47.85 3.38 0.00	41.93 2.93 0.00	38.10 2.82 0.00	32.83 2.32 0.00	28.91 2.26 0.00	25.03 1.79 -0.01
RAVENSWOOD____2 23534	23.74 1.59 -0.01	22.05 1.33 0.00	21.07 1.30 -0.01	19.89 1.21 -0.01	20.90 1.20 0.00	22.55 1.32 0.00	31.81 1.57 0.00	35.00 1.98 0.00	34.32 2.28 0.00	29.89 2.01 0.00	27.70 1.93 0.00	28.08 2.01 0.00	28.87 1.99 0.00	30.47 2.26 0.00	32.19 2.41 0.00	35.11 2.66 0.00	40.28 2.67 0.00	45.88 3.20 0.00	47.85 3.38 0.00	41.89 2.89 0.00	38.10 2.82 0.00	32.80 2.29 0.00	28.91 2.26 0.00	25.03 1.79 -0.01
RAVENSWOOD____3 23535	23.67 1.53 0.00	21.99 1.26 0.00	20.98 1.23 0.00	19.81 1.14 0.00	20.84 1.14 0.00	22.48 1.25 0.00	31.81 1.57 0.00	35.00 1.98 0.00	34.32 2.28 0.00	29.86 1.98 0.00	27.67 1.91 0.00	28.03 1.96 0.00	28.82 1.94 0.00	30.41 2.20 0.00	32.13 2.35 0.00	35.01 2.56 0.00	40.24 2.63 0.00	45.88 3.20 0.00	47.85 3.38 0.00	41.89 2.89 0.00	38.03 2.75 0.00	32.77 2.26 0.00	28.84 2.19 0.00	24.93 1.70 0.00
RAVENSWOOD____4 23820	23.74 1.59 -0.01	22.05 1.33 0.00	21.05 1.28 -0.01	19.87 1.20 -0.01	20.90 1.20 0.00	22.53 1.30 0.00	31.81 1.57 0.00	35.00 1.98 0.00	34.32 2.28 0.00	29.89 2.01 0.00	27.70 1.93 0.00	28.08 2.01 0.00	28.84 1.96 0.00	30.47 2.26 0.00	32.19 2.41 0.00	35.08 2.63 0.00	40.24 2.63 0.00	45.88 3.20 0.00	47.81 3.34 0.00	41.89 2.89 0.00	38.06 2.79 0.00	32.80 2.29 0.00	28.89 2.24 0.00	25.01 1.77 -0.01
RCPI_TRUST____DRP 24196	23.65 1.51 0.00	21.97 1.24 0.00	20.98 1.22 0.00	19.81 1.14 0.00	20.84 1.14 0.00	22.51 1.27 0.00	31.84 1.60 0.00	35.07 2.05 0.00	34.35 2.31 0.00	29.89 2.01 0.00	27.70 1.93 0.00	28.05 1.98 0.00	29.08 2.20 0.00	30.44 2.23 0.00	32.19 2.41 0.00	35.05 2.60 0.00	40.31 2.71 0.00	45.97 3.29 0.00	47.99 3.51 0.00	41.97 2.96 0.00	38.06 2.79 0.00	32.80 2.29 0.00	28.81 2.16 0.00	24.91 1.67 0.00
RED____ROCHESTER 323720	20.92 -1.22 0.00	19.71 -1.01 0.00	18.69 -1.07 0.00	17.66 -1.01 0.00	18.71 -0.98 0.00	20.30 -0.93 0.00	29.33 -0.91 0.00	32.06 -0.96 0.00	30.57 -1.47 0.00	26.71 -1.17 0.00	24.99 -0.77 0.00	25.42 -0.65 0.00	26.53 -0.35 0.00	27.37 -0.85 0.00	28.56 -1.22 0.00	30.99 -1.46 0.00	35.76 -1.84 0.00	40.41 -2.26 0.01	42.06 -2.40 0.01	37.01 -1.99 0.00	32.92 -2.05 0.31	29.05 -1.46 0.00	25.34 -1.31 0.00	22.26 -0.98 0.00
REGAN____SOLAR 323812	23.76 1.62 0.00	22.17 1.45 0.00	21.02 1.27 0.00	19.86 1.20 0.00	21.00 1.30 0.00	22.68 1.44 0.00	32.44 2.21 0.00	35.33 2.31 0.00	34.25 2.21 0.00	29.50 1.62 0.00	27.03 1.26 0.00	27.14 1.07 0.00	27.96 1.08 0.00	29.48 1.27 0.00	31.24 1.46 0.00	34.66 2.21 0.00	40.13 2.52 0.00	46.81 3.24 -0.89	48.46 3.51 -0.47	42.13 3.12 -0.01	38.65 2.93 -0.45	33.99 2.41 -1.07	28.99 2.02 -0.32	24.96 1.65 -0.07
RENSSELAER____COGEN 23796	22.76 0.62 0.00	21.41 0.68 0.00	20.43 0.67 0.00	19.30 0.64 0.00	20.35 0.65 0.00	21.74 0.51 0.00	30.84 0.60 0.00	33.45 0.43 0.00	32.53 0.48 0.00	28.22 0.34 0.00	26.02 0.26 0.00	26.25 0.18 0.00	27.20 0.32 0.00	28.69 0.48 0.00	30.38 0.60 0.00	33.16 0.71 0.00	38.43 0.83 0.00	38.87 1.11 4.92	43.11 1.24 2.61	40.02 1.05 0.04	33.78 0.99 2.48	25.43 0.82 5.91	25.63 0.75 1.76	23.46 0.60 0.38
REPUBLIC_115KV_BARTNBRK 55605	24.86 2.72 0.00	23.23 2.51 0.00	21.89 2.13 0.00	20.68 2.02 0.00	21.86 2.17 0.00	23.59 2.36 0.00	33.29 3.05 0.00	36.29 3.27 0.00	35.35 3.30 0.00	30.39 2.51 0.00	28.06 2.29 0.00	28.10 2.03 0.00	28.87 1.99 0.00	30.30 2.09 0.00	31.95 2.17 0.00	35.31 2.86 0.00	40.80 3.20 0.00	48.46 4.27 -1.51	49.94 4.67 -0.80	43.15 4.13 -0.01	39.85 3.81 -0.76	35.50 3.17 -1.81	29.91 2.72 -0.54	26.00 2.65 -0.12
REVERE_CPWR_DRP 24186	23.93 0.69 -1.10	22.58 0.62 -1.24	21.49 0.55 -1.18	20.45 0.54 -1.24	21.76 0.57 -1.49	23.53 0.72 -1.58	31.51 1.27 0.00	34.50 1.49 0.00	33.33 1.28 0.00	28.89 1.00 0.00	26.59 0.82 0.00	26.98 0.91 0.00	27.79 0.91 0.00	29.23 1.02 0.00	30.88 1.10 0.00	33.55 1.10 0.00	39.07 1.47 0.00	44.35 1.66 0.00	46.16 1.69 0.00	40.48 1.48 0.00	36.61 1.34 0.00	33.23 1.04 -1.68	29.30 0.77 -1.87	25.69 0.77 -1.69
REYNOLDS_115KV_TB3 80639	22.98 0.84 0.00	21.55 0.83 0.00	20.57 0.81 0.00	19.43 0.77 0.00	20.48 0.79 0.00	21.95 0.72 0.00	31.14 0.91 0.00	34.21 1.19 0.00	33.33 1.28 0.00	28.94 1.06 0.00	26.69 0.93 0.00	26.91 0.83 0.00	27.60 0.73 0.00	29.00 0.79 0.00	30.67 0.89 0.00	33.52 1.07 0.00	38.85 1.24 0.00	48.14 1.58 -3.88	48.27 1.73 -2.06	40.51 1.48 -0.03	38.61 1.38 -1.96	36.33 1.16 -4.66	29.08 1.04 -1.39	24.40 0.86 -0.30
RIVERBAY____ 323610	23.96 1.82 -0.01	22.30 1.57 0.00	21.29 1.52 -0.01	20.10 1.42 -0.01	21.12 1.42 0.00	22.76 1.53 0.00	31.96 1.72 0.00	35.10 2.08 0.00	34.42 2.37 0.00	29.95 2.06 0.00	27.75 1.98 0.00	28.10 2.03 0.00	29.16 2.28 0.00	30.50 2.29 0.00	32.25 2.47 0.00	35.18 2.73 0.00	40.31 2.71 0.00	45.97 3.29 0.00	47.99 3.51 0.00	42.01 3.00 0.00	38.27 3.00 0.00	32.95 2.44 0.00	29.15 2.51 0.00	25.27 2.02 -0.01
RIVERSIDE_115KV_TB3 55908	22.89 0.75 0.00	21.49 0.77 0.00	20.51 0.75 0.00	19.40 0.73 0.00	20.43 0.73 0.00	21.87 0.64 0.00	30.99 0.76 0.00	33.78 0.76 0.00	32.88 0.83 0.00	28.53 0.64 0.00	26.33 0.57 0.00	26.54 0.47 0.00	27.50 0.62 0.00	28.86 0.65 0.00	30.55 0.77 0.00	33.39 0.94 0.00	38.66 1.05 0.00	45.87 1.37 -1.82	46.95 1.51 -0.97	40.30 1.29 -0.01	37.43 1.23 -0.92	33.71 1.01 -2.19	28.21 0.91 -0.65	24.12 0.74 -0.14
ROARING____BROOK_WT_PWR 323790	6.37 -0.93 14.84	10.69 -0.87 9.17	9.79 -0.81 9.16	11.82 -0.77 6.08	17.96 -0.79 0.95	19.40 -0.83 1.00	29.09 -1.15 0.00	31.80 -1.22 0.00	30.92 -1.12 0.00	26.99 -0.89 0.00	24.99 -0.77 0.00	25.37 -0.70 0.00	26.10 -0.78 0.00	27.39 -0.82 0.00	28.95 -0.83 0.00	31.58 -0.87 0.00	36.63 -0.98 0.00	41.40 -1.28 0.00	42.92 -1.56 0.00	37.48 -1.52 0.00	33.14 -1.45 0.68	28.19 -1.25 1.07	24.31 -1.15 1.19	21.19 -0.98 1.07

ROCHESRG_115KV_T4 355643	20.79 -1.35 0.00	19.58 -1.14 0.00	18.57 -1.19 0.00	17.53 -1.14 0.00	18.59 -1.10 0.00	20.11 -1.13 0.00	29.03 -1.21 0.00	31.70 -1.32 0.00	30.28 -1.76 0.00	26.46 -1.42 0.00	24.76 -1.00 0.00	25.16 -0.91 0.00	25.72 -1.16 0.00	27.08 -1.13 0.00	28.26 -1.52 0.00	30.63 -1.82 0.00	35.35 -2.26 0.00	39.94 -2.73 0.01	41.57 -2.89 0.01	36.58 -2.42 0.00	32.47 -2.50 0.30	28.74 -1.77 0.00	25.10 -1.55 0.00	22.10 -1.14 0.00
ROCHESTER_9_IC 23652	20.86 -1.28 0.00	19.67 -1.06 0.00	18.63 -1.13 0.00	17.59 -1.08 0.00	18.67 -1.02 0.00	20.19 -1.04 0.00	29.18 -1.06 0.00	31.90 -1.12 0.00	30.44 -1.60 0.00	26.60 -1.28 0.00	24.89 -0.88 0.00	25.29 -0.78 0.00	25.83 -1.05 0.00	27.22 -0.99 0.00	28.41 -1.37 0.00	30.80 -1.65 0.00	35.58 -2.03 0.00	40.15 -2.52 0.01	41.79 -2.67 0.01	36.82 -2.18 0.00	32.64 -2.33 0.31	28.89 -1.62 0.00	25.21 -1.44 0.00	22.19 -1.05 0.00
ROCKVIEW_13_KV_LD 356306	23.62 1.48 0.00	21.95 1.22 0.00	20.96 1.21 0.00	19.79 1.12 0.00	20.82 1.12 0.00	22.48 1.25 0.00	31.84 1.60 0.00	34.97 1.95 0.00	34.29 2.24 0.00	29.84 1.95 0.00	27.62 1.85 0.00	27.97 1.90 0.00	29.00 2.12 0.00	30.36 2.14 0.00	32.10 2.32 0.00	34.98 2.53 0.00	40.28 2.67 0.00	45.93 3.24 0.00	47.94 3.47 0.00	41.97 2.96 0.00	38.03 2.75 0.00	32.77 2.26 0.00	28.78 2.13 0.00	24.91 1.67 0.00
ROME____115KV_TB2 80656	23.93 0.69 -1.10	22.58 0.62 -1.24	21.49 0.55 -1.18	20.45 0.54 -1.24	21.76 0.57 -1.49	23.53 0.72 -1.58	31.51 1.27 0.00	34.50 1.49 0.00	33.33 1.28 0.00	28.89 1.00 0.00	26.59 0.82 0.00	26.98 0.91 0.00	27.79 0.91 0.00	29.23 1.02 0.00	30.88 1.10 0.00	33.55 1.10 0.00	39.07 1.47 0.00	44.35 1.66 0.00	46.16 1.69 0.00	40.48 1.48 0.00	36.61 1.34 0.00	33.23 1.04 -1.68	29.30 0.77 -1.87	25.69 0.77 -1.69
ROSETON____1 23587	23.31 1.17 0.00	21.70 0.97 0.00	20.72 0.97 0.00	19.56 0.90 0.00	20.60 0.91 0.00	22.21 0.98 0.00	31.45 1.21 0.00	34.51 1.49 0.00	33.74 1.70 0.00	29.36 1.48 0.00	27.13 1.36 0.00	27.45 1.38 0.00	28.25 1.37 0.00	29.79 1.58 0.00	31.48 1.70 0.00	34.30 1.85 0.00	39.60 1.99 0.00	45.11 2.43 0.00	47.05 2.58 0.00	41.22 2.22 0.00	37.35 2.08 0.00	32.25 1.74 0.00	28.28 1.63 0.00	24.51 1.28 0.00
ROSETON____2 23588	23.31 1.17 0.00	21.70 0.97 0.00	20.72 0.97 0.00	19.56 0.90 0.00	20.60 0.91 0.00	22.21 0.98 0.00	31.45 1.21 0.00	34.51 1.49 0.00	33.74 1.70 0.00	29.36 1.48 0.00	27.13 1.36 0.00	27.45 1.38 0.00	28.25 1.37 0.00	29.79 1.58 0.00	31.48 1.70 0.00	34.30 1.85 0.00	39.60 1.99 0.00	45.11 2.43 0.00	47.05 2.58 0.00	41.22 2.22 0.00	37.35 2.08 0.00	32.25 1.74 0.00	28.28 1.63 0.00	24.51 1.28 0.00
ROTTTRDAM_115KV_TB3 80664	22.98 0.84 0.00	21.49 0.77 0.00	20.47 0.71 0.00	19.34 0.67 0.00	20.41 0.71 0.00	21.97 0.74 0.00	31.17 0.94 0.00	34.04 1.02 0.00	33.14 1.09 0.00	28.72 0.84 0.00	26.48 0.72 0.00	26.72 0.65 0.00	27.58 0.70 0.00	28.97 0.76 0.00	30.61 0.83 0.00	33.52 1.07 0.00	38.81 1.20 0.00	45.19 1.54 -0.98	46.68 1.69 -0.52	40.45 1.44 -0.01	37.14 1.38 -0.49	32.81 1.13 -1.17	28.01 1.01 -0.35	24.17 0.86 -0.08
RUSSELL____1 23602	20.92 -1.22 0.00	19.71 -1.02 0.00	18.69 -1.07 0.00	17.62 -1.05 0.00	18.71 -0.98 0.00	20.25 -0.98 0.00	29.30 -0.94 0.00	32.06 -0.96 0.00	30.57 -1.47 0.00	26.71 -1.17 0.00	24.99 -0.77 0.00	25.39 -0.68 0.00	25.97 -0.91 0.00	27.34 -0.87 0.00	28.53 -1.25 0.00	30.96 -1.49 0.00	35.76 -1.84 0.00	40.36 -2.30 0.01	42.01 -2.45 0.01	37.01 -1.99 0.00	32.82 -2.15 0.31	29.05 -1.46 0.00	25.32 -1.33 0.00	22.26 -0.98 0.00
RUSSELL____2 23532	20.92 -1.22 0.00	19.71 -1.02 0.00	18.69 -1.07 0.00	17.62 -1.05 0.00	18.71 -0.98 0.00	20.25 -0.98 0.00	29.30 -0.94 0.00	32.06 -0.96 0.00	30.57 -1.47 0.00	26.71 -1.17 0.00	24.99 -0.77 0.00	25.39 -0.68 0.00	25.97 -0.91 0.00	27.34 -0.87 0.00	28.53 -1.25 0.00	30.96 -1.49 0.00	35.76 -1.84 0.00	40.36 -2.30 0.01	42.01 -2.45 0.01	37.01 -1.99 0.00	32.82 -2.15 0.31	29.05 -1.46 0.00	25.32 -1.33 0.00	22.26 -0.98 0.00
RUSSELL____3 23549	20.92 -1.22 0.00	19.71 -1.02 0.00	18.69 -1.07 0.00	17.62 -1.05 0.00	18.71 -0.98 0.00	20.25 -0.98 0.00	29.30 -0.94 0.00	32.06 -0.96 0.00	30.57 -1.47 0.00	26.71 -1.17 0.00	24.99 -0.77 0.00	25.39 -0.68 0.00	25.97 -0.91 0.00	27.34 -0.87 0.00	28.53 -1.25 0.00	30.96 -1.49 0.00	35.76 -1.84 0.00	40.36 -2.30 0.01	42.01 -2.45 0.01	37.01 -1.99 0.00	32.82 -2.15 0.31	29.05 -1.46 0.00	25.32 -1.33 0.00	22.26 -0.98 0.00
RUSSELL____4 23556	20.92 -1.22 0.00	19.71 -1.02 0.00	18.69 -1.07 0.00	17.62 -1.05 0.00	18.71 -0.98 0.00	20.25 -0.98 0.00	29.30 -0.94 0.00	32.06 -0.96 0.00	30.57 -1.47 0.00	26.71 -1.17 0.00	24.99 -0.77 0.00	25.39 -0.68 0.00	25.97 -0.91 0.00	27.34 -0.87 0.00	28.53 -1.25 0.00	30.96 -1.49 0.00	35.76 -1.84 0.00	40.36 -2.30 0.01	42.01 -2.45 0.01	37.01 -1.99 0.00	32.82 -2.15 0.31	29.05 -1.46 0.00	25.32 -1.33 0.00	22.26 -0.98 0.00
RUSSELL____STATION 23914	20.92 -1.22 0.00	19.71 -1.02 0.00	18.69 -1.07 0.00	17.62 -1.05 0.00	18.71 -0.98 0.00	20.25 -0.98 0.00	29.30 -0.94 0.00	32.06 -0.96 0.00	30.57 -1.47 0.00	26.71 -1.17 0.00	24.99 -0.77 0.00	25.39 -0.68 0.00	25.97 -0.91 0.00	27.34 -0.87 0.00	28.53 -1.25 0.00	30.96 -1.49 0.00	35.76 -1.84 0.00	40.36 -2.30 0.01	42.01 -2.45 0.01	37.01 -1.99 0.00	32.82 -2.15 0.31	29.05 -1.46 0.00	25.32 -1.33 0.00	22.26 -0.98 0.00
S SALMON____HYD 24043	22.97 -0.24 -1.07	21.88 -0.21 -1.36	20.81 -0.24 -1.29	19.89 -0.20 -1.43	21.34 -0.22 -1.86	23.03 -0.17 -1.97	30.11 -0.12 0.00	32.95 -0.07 0.00	31.76 -0.29 0.00	27.61 -0.28 0.00	25.51 -0.26 0.00	25.81 -0.26 0.00	26.66 -0.22 0.00	27.90 -0.31 0.00	29.42 -0.36 0.00	32.03 -0.42 0.00	37.19 -0.41 0.00	42.21 -0.47 0.00	44.03 -0.44 0.00	38.65 -0.35 0.00	34.91 -0.35 0.01	32.27 -0.33 -2.10	28.64 -0.35 -2.34	25.09 -0.26 -2.10
S.PERRY__115KV_TB1 80734	21.25 -0.89 0.00	20.00 -0.73 0.00	18.95 -0.81 0.00	17.87 -0.80 0.00	18.99 -0.71 0.00	20.66 -0.57 0.00	30.05 -0.18 0.00	33.02 0.00 0.00	31.24 -0.80 0.00	27.13 -0.75 0.00	25.30 -0.46 0.00	25.63 -0.44 0.00	26.21 -0.67 0.00	27.59 -0.62 0.00	28.77 -1.01 0.00	31.22 -1.23 0.00	36.25 -1.35 0.00	41.16 -1.49 0.03	43.02 -1.42 0.03	37.95 -1.05 0.00	33.34 -1.23 0.70	29.69 -0.82 0.00	25.77 -0.88 0.00	22.63 -0.60 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.21 -1.93 0.00	19.11 -1.62 0.00	18.06 -1.70 0.00	17.08 -1.59 0.00	18.14 -1.56 0.00	19.60 -1.63 0.00	28.42 -1.81 0.00	30.97 -2.05 0.00	29.48 -2.56 0.00	25.79 -2.09 0.00	24.50 -1.26 0.00	24.92 -1.15 0.00	25.32 -1.56 0.00	26.80 -1.41 0.00	27.61 -2.17 0.00	29.72 -2.73 0.00	34.15 -3.46 0.00	38.35 -4.31 0.02	39.96 -4.49 0.02	35.10 -3.90 0.00	31.25 -3.67 0.35	27.74 -2.78 0.00	24.38 -2.27 0.00	21.70 -1.53 0.00

SAWYER___23_KV_LOAD 55526	20.21 -1.93 0.00	19.11 -1.62 0.00	18.06 -1.70 0.00	17.08 -1.59 0.00	18.14 -1.56 0.00	19.60 -1.63 0.00	28.42 -1.81 0.00	30.97 -2.05 0.00	29.48 -2.56 0.00	25.79 -2.09 0.00	24.50 -1.26 0.00	24.92 -1.15 0.00	25.32 -1.56 0.00	26.80 -1.41 0.00	27.61 -2.17 0.00	29.72 -2.73 0.00	34.15 -3.46 0.00	38.35 -4.31 0.02	39.96 -4.49 0.02	35.10 -3.90 0.00	31.25 -3.67 0.35	27.74 -2.78 0.00	24.38 -2.27 0.00	21.70 -1.53 0.00
SELKIRK___I 23801	22.87 0.73 0.00	21.47 0.74 0.00	20.47 0.71 0.00	19.34 0.67 0.00	20.39 0.69 0.00	21.82 0.59 0.00	31.02 0.78 0.00	33.74 0.73 0.00	32.81 0.77 0.00	28.41 0.53 0.00	26.17 0.41 0.00	26.38 0.31 0.00	27.23 0.35 0.00	28.69 0.48 0.00	30.35 0.56 0.00	33.23 0.78 0.00	38.55 0.94 0.00	41.58 1.28 2.38	44.63 1.42 1.27	40.20 1.21 0.02	35.23 1.16 1.20	28.62 0.98 2.86	26.67 0.88 0.86	23.77 0.72 0.18
SELKIRK___II 23799	22.76 0.62 0.00	21.34 0.62 0.00	20.39 0.63 0.00	19.27 0.60 0.00	20.31 0.61 0.00	21.74 0.51 0.00	30.87 0.64 0.00	33.61 0.59 0.00	32.69 0.64 0.00	28.36 0.47 0.00	26.17 0.41 0.00	26.41 0.34 0.00	27.28 0.40 0.00	28.75 0.53 0.00	30.43 0.65 0.00	33.23 0.78 0.00	38.47 0.87 0.00	41.04 1.15 2.79	44.23 1.24 1.48	40.07 1.09 0.02	34.89 1.02 1.41	28.01 0.85 3.36	26.42 0.77 1.00	23.65 0.63 0.22
SENECA OSWGO___HYD 24041	21.67 -0.47 0.00	20.33 -0.39 0.00	19.34 -0.42 0.00	18.28 -0.39 0.00	19.28 -0.41 0.00	20.85 -0.38 0.00	29.78 -0.45 0.00	32.49 -0.53 0.00	31.37 -0.67 0.00	27.30 -0.59 0.00	25.25 -0.52 0.00	25.55 -0.52 0.00	26.42 -0.46 0.00	27.65 -0.56 0.00	29.15 -0.63 0.00	31.71 -0.75 0.00	36.78 -0.83 0.00	41.70 -0.98 0.00	43.45 -1.02 0.00	38.14 -0.86 0.00	34.46 -0.81 0.00	29.81 -0.70 0.00	26.04 -0.61 0.00	22.73 -0.51 0.00
SENECA___115KV_TB3 355854	20.48 -1.66 0.00	19.36 -1.37 0.00	18.27 -1.48 0.00	17.29 -1.38 0.00	18.36 -1.34 0.00	19.87 -1.36 0.00	28.84 -1.39 0.00	31.53 -1.49 0.00	29.99 -2.05 0.00	26.21 -1.67 0.00	24.89 -0.88 0.00	25.34 -0.73 0.00	25.78 -1.10 0.00	27.31 -0.90 0.00	28.11 -1.67 0.00	30.24 -2.21 0.00	34.75 -2.86 0.00	39.08 -3.59 0.02	40.72 -3.74 0.02	35.69 -3.32 0.00	31.94 -2.96 0.37	28.13 -2.38 0.00	24.70 -1.95 0.00	21.98 -1.25 0.00
SENECA___ENERGY 23797	21.50 -0.64 0.00	20.16 -0.56 0.00	19.14 -0.61 0.00	18.09 -0.58 0.00	19.13 -0.57 0.00	20.76 -0.47 0.00	29.81 -0.42 0.00	32.66 -0.36 0.00	31.37 -0.67 0.00	27.30 -0.59 0.00	25.30 -0.46 0.00	25.63 -0.44 0.00	26.61 -0.27 0.00	27.73 -0.48 0.00	29.13 -0.66 0.00	31.64 -0.81 0.00	36.67 -0.94 0.00	41.52 -1.15 0.01	43.26 -1.20 0.01	38.07 -0.94 0.00	34.06 -0.92 0.30	29.72 -0.79 0.00	25.93 -0.72 0.00	22.66 -0.58 0.00
SHOEMAKER___GT 23640	23.54 1.40 0.00	21.86 1.14 0.00	20.86 1.11 0.00	19.69 1.03 0.00	20.78 1.08 0.00	22.38 1.15 0.00	31.75 1.51 0.00	34.80 1.78 0.00	34.00 1.96 0.00	29.50 1.62 0.00	27.23 1.47 0.00	27.58 1.51 0.00	28.41 1.53 0.00	29.90 1.69 0.00	31.66 1.88 0.00	34.56 2.11 0.00	39.98 2.37 0.00	45.54 2.86 0.00	47.63 3.16 0.00	41.73 2.73 0.00	37.82 2.54 0.00	32.65 2.14 0.00	28.57 1.92 0.00	24.75 1.51 0.00
SHOEMAKR_138KV_BK 111 55601	23.51 1.37 0.00	21.86 1.14 0.00	20.86 1.11 0.00	19.70 1.03 0.00	20.76 1.06 0.00	22.38 1.15 0.00	31.72 1.48 0.00	34.77 1.75 0.00	34.00 1.95 0.00	29.50 1.62 0.00	27.26 1.49 0.00	27.58 1.51 0.00	28.60 1.72 0.00	29.90 1.69 0.00	31.69 1.91 0.00	34.59 2.14 0.00	39.98 2.37 0.00	45.54 2.86 0.00	47.63 3.16 0.00	41.73 2.73 0.00	37.81 2.54 0.00	32.62 2.11 0.00	28.54 1.89 0.00	24.72 1.49 0.00
SHOREHAM_IC_1 23715	24.29 2.15 0.00	22.40 1.68 0.00	21.24 1.48 0.00	20.01 1.34 0.00	21.08 1.38 0.00	22.95 1.72 0.00	32.23 2.00 0.00	34.77 1.75 0.00	34.48 2.43 0.00	30.23 2.34 0.00	27.93 2.16 0.00	28.34 2.27 0.00	29.16 2.28 0.00	30.78 2.57 0.00	32.07 2.29 0.00	34.50 2.05 0.00	39.74 2.14 0.01	45.33 2.65 0.00	47.36 2.89 0.00	42.05 3.04 0.00	37.88 2.61 0.00	33.41 2.90 0.00	29.62 2.96 -0.01	25.80 2.56 -0.01
SHOREHAM_IC_2 23716	24.29 2.15 0.00	22.40 1.68 0.00	21.24 1.48 0.00	20.01 1.34 0.00	21.08 1.38 0.00	22.95 1.72 0.00	32.23 2.00 0.00	34.77 1.75 0.00	34.48 2.43 0.00	30.23 2.34 0.00	27.93 2.16 0.00	28.34 2.27 0.00	29.16 2.28 0.00	30.78 2.57 0.00	32.07 2.29 0.00	34.50 2.05 0.00	39.74 2.14 0.01	45.33 2.65 0.00	47.36 2.89 0.00	42.05 3.04 0.00	37.88 2.61 0.00	33.41 2.90 0.00	29.62 2.96 -0.01	25.80 2.56 -0.01
SISSONVILLE____ 23735	31.54 0.40 -9.00	33.22 0.35 -12.15	31.54 0.28 -11.50	31.96 0.28 -13.01	37.44 0.32 -17.42	40.20 0.53 -18.44	31.66 1.42 0.00	34.80 1.78 0.00	33.39 1.35 0.00	28.89 1.00 0.00	26.41 0.64 0.00	26.75 0.68 0.00	27.47 0.59 0.00	28.78 0.56 0.00	30.41 0.63 0.00	33.13 0.68 0.00	39.04 1.43 0.00	44.60 1.92 0.00	46.39 1.91 0.00	40.64 1.64 0.00	36.57 1.48 0.19	51.13 0.95 -19.67	49.03 0.45 -21.93	43.51 0.53 -19.74
SITHE_IND_GS1 24169	21.41 -0.73 0.00	20.08 -0.64 0.00	19.12 -0.63 0.00	18.07 -0.60 0.00	19.09 -0.61 0.00	20.59 -0.64 0.00	29.36 -0.88 0.00	31.96 -1.06 0.00	30.92 -1.12 0.00	26.91 -0.98 0.00	24.89 -0.88 0.00	25.18 -0.89 0.00	26.05 -0.83 0.00	27.25 -0.96 0.00	28.74 -1.04 0.00	31.28 -1.17 0.00	36.22 -1.39 0.00	41.06 -1.62 0.00	42.83 -1.64 0.00	37.60 -1.40 0.00	33.93 -1.34 0.00	29.38 -1.13 0.00	25.66 -0.99 0.00	22.40 -0.84 0.00
SITHE_IND_GS2 24170	21.41 -0.73 0.00	20.08 -0.64 0.00	19.12 -0.63 0.00	18.07 -0.60 0.00	19.09 -0.61 0.00	20.59 -0.64 0.00	29.36 -0.88 0.00	31.96 -1.06 0.00	30.92 -1.12 0.00	26.91 -0.98 0.00	24.89 -0.88 0.00	25.18 -0.89 0.00	26.05 -0.83 0.00	27.25 -0.96 0.00	28.74 -1.04 0.00	31.28 -1.17 0.00	36.22 -1.39 0.00	41.06 -1.62 0.00	42.83 -1.64 0.00	37.60 -1.40 0.00	33.93 -1.34 0.00	29.38 -1.13 0.00	25.66 -0.99 0.00	22.40 -0.84 0.00
SITHE_IND_GS3 24171	21.41 -0.73 0.00	20.08 -0.64 0.00	19.12 -0.63 0.00	18.07 -0.60 0.00	19.09 -0.61 0.00	20.59 -0.64 0.00	29.36 -0.88 0.00	31.96 -1.06 0.00	30.92 -1.12 0.00	26.91 -0.98 0.00	24.89 -0.88 0.00	25.18 -0.89 0.00	26.05 -0.83 0.00	27.25 -0.96 0.00	28.74 -1.04 0.00	31.28 -1.17 0.00	36.22 -1.39 0.00	41.06 -1.62 0.00	42.83 -1.64 0.00	37.60 -1.40 0.00	33.93 -1.34 0.00	29.38 -1.13 0.00	25.66 -0.99 0.00	22.40 -0.84 0.00
SITHE_IND_GS4 24172	21.41 -0.73 0.00	20.08 -0.64 0.00	19.12 -0.63 0.00	18.07 -0.60 0.00	19.09 -0.61 0.00	20.59 -0.64 0.00	29.36 -0.88 0.00	31.96 -1.06 0.00	30.92 -1.12 0.00	26.91 -0.98 0.00	24.89 -0.88 0.00	25.18 -0.89 0.00	26.05 -0.83 0.00	27.25 -0.96 0.00	28.74 -1.04 0.00	31.28 -1.17 0.00	36.22 -1.39 0.00	41.06 -1.62 0.00	42.83 -1.64 0.00	37.60 -1.40 0.00	33.93 -1.34 0.00	29.38 -1.13 0.00	25.66 -0.99 0.00	22.40 -0.84 0.00

SITHE___BATAVIA 24024	20.55 -1.59 0.00	19.44 -1.28 0.00	18.37 -1.38 0.00	17.38 -1.29 0.00	18.46 -1.24 0.00	20.06 -1.17 0.00	29.15 -1.09 0.00	31.90 -1.12 0.00	30.22 -1.83 0.00	26.41 -1.48 0.00	24.91 -0.85 0.00	25.34 -0.73 0.00	26.58 -0.30 0.00	27.22 -0.99 0.00	28.17 -1.61 0.00	30.50 -1.95 0.00	35.09 -2.52 0.00	39.59 -3.07 0.02	41.25 -3.20 0.02	36.35 -2.65 0.00	32.27 -2.61 0.39	28.59 -1.92 0.00	25.00 -1.65 0.00	22.08 -1.16 0.00
SITHE___INDEPEND 23800	21.41 -0.73 0.00	20.08 -0.64 0.00	19.12 -0.63 0.00	18.07 -0.60 0.00	19.09 -0.61 0.00	20.59 -0.64 0.00	29.36 -0.88 0.00	31.96 -1.06 0.00	30.92 -1.12 0.00	26.91 -0.98 0.00	24.89 -0.88 0.00	25.18 -0.89 0.00	25.94 -0.94 0.00	27.25 -0.96 0.00	28.74 -1.04 0.00	31.25 -1.20 0.00	36.21 -1.39 0.00	41.06 -1.62 0.00	42.78 -1.69 0.00	37.56 -1.44 0.00	33.93 -1.34 0.00	29.38 -1.13 0.00	25.66 -0.99 0.00	22.40 -0.84 0.00
SITHE___MASSENA 23902	11.00 -0.13 11.01	13.42 -0.12 7.18	12.51 -0.12 7.13	13.50 -0.13 5.04	17.92 -0.12 1.66	19.37 -0.11 1.76	30.21 -0.03 0.00	32.92 -0.10 0.00	31.92 -0.13 0.00	27.86 -0.03 0.00	25.69 -0.08 0.00	26.04 -0.03 0.00	26.80 -0.08 0.00	28.07 -0.14 0.00	29.69 -0.09 0.00	32.35 -0.10 0.00	37.64 0.04 0.00	42.64 -0.04 0.00	44.34 -0.13 0.00	38.85 -0.16 0.00	34.66 -0.14 0.47	28.52 -0.12 1.87	24.40 -0.16 2.09	21.24 -0.12 1.88
SITHE___OGDNSBRG 24021	32.22 1.08 -9.00	33.84 0.97 -12.15	32.13 0.87 -11.50	32.54 0.86 -13.01	38.03 0.91 -17.42	40.91 1.23 -18.44	32.90 2.66 0.00	36.22 3.20 0.00	34.55 2.50 0.00	29.70 1.81 0.00	27.00 1.24 0.00	27.35 1.28 0.00	28.01 1.13 0.00	29.34 1.13 0.00	31.00 1.22 0.00	33.85 1.40 0.00	40.09 2.48 0.00	46.10 3.41 0.00	48.08 3.60 0.00	42.16 3.16 0.00	37.94 2.86 0.19	52.23 2.04 -19.67	49.83 1.25 -21.93	44.28 1.30 -19.74
SITHE___STERLING 23777	23.36 0.49 -0.74	22.00 0.46 -0.82	20.94 0.39 -0.79	19.89 0.39 -0.82	21.10 0.41 -0.99	22.83 0.55 -1.05	31.17 0.94 0.00	34.14 1.12 0.00	32.98 0.93 0.00	28.61 0.72 0.00	26.38 0.62 0.00	26.75 0.68 0.00	27.60 0.73 0.00	28.97 0.76 0.00	30.58 0.80 0.00	33.26 0.81 0.00	38.66 1.05 0.00	43.83 1.15 0.00	45.63 1.15 0.00	40.06 1.05 0.00	36.23 0.95 0.00	32.36 0.73 -1.12	28.43 0.53 -1.25	24.90 0.53 -1.12
SLEIGHT__34_KV_TB1 80719	21.05 -1.08 0.00	19.79 -0.93 0.00	18.77 -0.99 0.00	17.72 -0.95 0.00	18.79 -0.91 0.00	20.36 -0.87 0.00	29.33 -0.91 0.00	32.09 -0.92 0.00	30.73 -1.31 0.00	26.82 -1.06 0.00	24.94 -0.82 0.00	25.31 -0.76 0.00	25.97 -0.91 0.00	27.31 -0.90 0.00	28.68 -1.10 0.00	31.12 -1.33 0.00	35.99 -1.62 0.00	40.71 -1.96 0.01	42.37 -2.09 0.01	37.25 -1.76 0.00	33.19 -1.83 0.25	29.17 -1.34 0.00	25.42 -1.23 0.00	22.28 -0.95 0.00
SOUTH CAIRO___GT 23612	23.27 1.13 0.00	21.84 1.12 0.00	20.80 1.05 0.00	19.66 0.99 0.00	20.78 1.08 0.00	22.14 0.91 0.00	31.57 1.33 0.00	34.14 1.12 0.00	33.10 1.06 0.00	28.47 0.59 0.00	26.12 0.36 0.00	26.25 0.18 0.00	27.26 0.38 0.00	28.58 0.37 0.00	30.38 0.60 0.00	33.46 1.01 0.00	39.04 1.43 0.00	42.37 2.22 2.54	45.75 2.62 1.35	41.21 2.22 0.02	36.18 2.19 1.28	29.27 1.80 3.05	27.18 1.44 0.91	24.23 1.19 0.20
SOUTH HAMPTN___IC 23720	24.31 2.17 0.00	22.42 1.70 0.00	21.26 1.50 0.00	20.03 1.36 0.00	21.08 1.38 0.00	22.97 1.74 0.00	32.26 2.03 0.00	34.83 1.81 0.00	34.58 2.53 0.00	30.34 2.45 0.00	27.98 2.22 0.00	28.42 2.35 0.00	29.24 2.37 0.00	30.86 2.65 0.00	32.16 2.38 0.00	34.59 2.14 0.00	39.89 2.29 0.01	45.50 2.82 0.00	47.50 3.03 0.00	42.12 3.12 0.00	37.92 2.65 0.00	33.44 2.93 0.00	29.59 2.93 -0.01	25.85 2.60 -0.01
SOUTHDOWN_115KV_TB1 355954	20.81 -1.33 0.00	19.62 -1.10 0.00	18.53 -1.22 0.00	17.53 -1.14 0.00	18.63 -1.06 0.00	20.28 -0.96 0.00	29.54 -0.70 0.00	32.49 -0.53 0.00	30.89 -1.15 0.00	26.91 -0.98 0.00	25.53 -0.23 0.00	25.94 -0.13 0.00	26.48 -0.40 0.00	28.10 -0.11 0.00	28.86 -0.92 0.00	30.99 -1.46 0.00	35.58 -2.03 0.00	39.93 -2.73 0.02	41.65 -2.80 0.02	36.47 -2.54 0.00	32.65 -2.15 0.47	28.62 -1.89 0.00	25.08 -1.57 0.00	22.24 -1.00 0.00
SOUTHOLD_69_KV_BK 2 55809	24.27 2.13 0.00	22.36 1.64 0.00	21.22 1.46 0.00	20.05 1.38 0.00	21.02 1.32 0.00	22.99 1.76 0.00	32.17 1.94 0.00	34.77 1.75 0.00	34.58 2.53 0.00	30.42 2.54 0.00	27.93 2.16 0.00	28.39 2.32 0.00	29.41 2.53 0.00	30.81 2.60 0.00	32.22 2.44 0.00	34.62 2.17 0.00	39.97 2.37 0.01	45.63 2.95 0.00	47.63 3.16 0.00	42.16 3.16 0.00	37.92 2.65 0.00	33.38 2.87 0.00	29.43 2.77 -0.01	25.82 2.58 -0.01
SOUTHOLD___IC 23719	24.27 2.13 0.00	22.36 1.64 0.00	21.20 1.44 0.00	19.98 1.31 0.00	21.02 1.32 0.00	22.91 1.68 0.00	32.17 1.94 0.00	34.77 1.75 0.00	34.55 2.50 0.00	30.34 2.45 0.00	27.85 2.09 0.00	28.31 2.24 0.00	29.14 2.26 0.00	30.75 2.54 0.00	32.07 2.29 0.00	34.53 2.08 0.00	39.89 2.29 0.01	45.54 2.86 0.00	47.36 2.89 0.00	41.97 2.96 0.00	37.74 2.47 0.00	33.32 2.81 0.00	29.40 2.75 -0.01	25.82 2.58 -0.01
SOUTH_FORK_WT_PWR 323839	24.04 1.90 0.00	22.15 1.43 0.00	21.00 1.25 0.00	19.79 1.12 0.00	20.82 1.12 0.00	22.72 1.49 0.00	31.90 1.66 0.00	34.44 1.42 0.00	34.25 2.21 0.00	30.14 2.26 0.00	27.57 1.80 0.00	28.00 1.93 0.00	28.82 1.94 0.00	30.44 2.23 0.00	31.72 1.93 0.00	34.14 1.69 0.00	39.44 1.84 0.01	45.03 2.35 0.00	46.78 2.31 0.00	41.46 2.46 0.00	37.25 1.97 0.00	32.89 2.38 0.00	29.03 2.37 -0.01	25.62 2.37 -0.01
SPIERFLS_115KV_TB 1 80737	23.80 1.66 0.00	22.24 1.51 0.00	21.08 1.32 0.00	19.92 1.25 0.00	21.04 1.34 0.00	22.65 1.42 0.00	31.63 1.39 0.00	34.54 1.52 0.00	33.65 1.60 0.00	29.08 1.20 0.00	26.82 1.06 0.00	26.96 0.89 0.00	27.71 0.83 0.00	29.09 0.87 0.00	30.70 0.92 0.00	33.75 1.30 0.00	39.07 1.47 0.00	46.19 2.05 -1.46	47.51 2.27 -0.77	41.00 1.99 -0.01	37.84 1.83 -0.74	33.76 1.50 -1.75	28.53 1.36 -0.52	24.95 1.60 -0.11
ST LAWRENCE____ 23600	10.84 -0.29 11.01	13.28 -0.27 7.18	12.37 -0.26 7.13	13.37 -0.26 5.04	17.78 -0.26 1.66	19.22 -0.25 1.76	29.93 -0.30 0.00	32.66 -0.36 0.00	31.69 -0.35 0.00	27.63 -0.25 0.00	25.51 -0.26 0.00	25.84 -0.24 0.00	26.58 -0.30 0.00	27.87 -0.34 0.00	29.45 -0.33 0.00	32.09 -0.36 0.00	37.30 -0.30 0.00	42.25 -0.43 0.00	43.98 -0.49 0.00	38.54 -0.47 0.00	34.38 -0.42 0.47	28.30 -0.33 1.87	24.21 -0.35 2.09	21.08 -0.28 1.88
STATE_CA_115KV_115_LB 55624	22.87 0.73 0.00	21.51 0.79 0.00	20.51 0.75 0.00	19.40 0.73 0.00	20.43 0.73 0.00	21.83 0.59 0.00	30.99 0.76 0.00	33.68 0.66 0.00	32.78 0.74 0.00	28.44 0.56 0.00	26.23 0.46 0.00	26.46 0.39 0.00	27.44 0.56 0.00	28.83 0.62 0.00	30.50 0.71 0.00	33.36 0.91 0.00	38.62 1.02 0.00	44.77 1.32 -0.77	46.35 1.47 -0.41	40.26 1.25 -0.01	36.86 1.20 -0.39	32.41 0.98 -0.92	27.80 0.88 -0.27	23.99 0.70 -0.06

STATE_ST_34_KV_LOAD 55959	21.74 -0.40 0.00	20.39 -0.33 0.00	19.38 -0.38 0.00	18.30 -0.37 0.00	19.34 -0.35 0.00	20.96 -0.28 0.00	29.99 -0.24 0.00	32.82 -0.20 0.00	31.60 -0.45 0.00	27.49 -0.39 0.00	25.43 -0.33 0.00	25.76 -0.31 0.00	26.53 -0.35 0.00	27.87 -0.34 0.00	29.36 -0.42 0.00	31.93 -0.52 0.00	37.00 -0.60 0.00	41.99 -0.68 0.01	43.76 -0.71 0.01	38.42 -0.59 0.00	34.52 -0.60 0.16	30.02 -0.49 0.00	26.20 -0.45 0.00	22.84 -0.40 0.00
STATION 5_MISC_HYD 23604	20.86 -1.28 0.00	19.67 -1.06 0.00	18.63 -1.13 0.00	17.62 -1.05 0.00	18.67 -1.03 0.00	20.23 -1.00 0.00	29.18 -1.06 0.00	31.90 -1.12 0.00	30.44 -1.60 0.00	26.60 -1.28 0.00	24.91 -0.85 0.00	25.29 -0.78 0.00	26.42 -0.46 0.00	27.22 -0.99 0.00	28.41 -1.37 0.00	30.83 -1.62 0.00	35.57 -2.03 0.00	40.19 -2.48 0.01	41.88 -2.58 0.01	36.82 -2.18 0.00	32.75 -2.22 0.31	28.89 -1.62 0.00	25.24 -1.41 0.00	22.19 -1.05 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.25 -0.89 0.00	19.98 -0.75 0.00	18.95 -0.81 0.00	17.88 -0.78 0.00	18.97 -0.73 0.00	20.55 -0.68 0.00	29.87 -0.36 0.00	32.75 -0.26 0.00	31.34 -0.71 0.00	27.30 -0.59 0.00	25.38 -0.39 0.00	25.76 -0.31 0.00	26.42 -0.46 0.00	27.82 -0.39 0.00	29.18 -0.60 0.00	31.70 -0.75 0.00	36.70 -0.90 0.00	41.52 -1.15 0.01	43.21 -1.25 0.01	38.03 -0.98 0.00	33.86 -1.09 0.32	29.75 -0.76 0.00	25.88 -0.77 0.00	22.63 -0.60 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	20.81 -1.33 0.00	19.60 -1.12 0.00	18.57 -1.19 0.00	17.53 -1.14 0.00	18.61 -1.08 0.00	20.13 -1.10 0.00	29.09 -1.15 0.00	31.76 -1.25 0.00	30.35 -1.70 0.00	26.52 -1.37 0.00	24.78 -0.98 0.00	25.18 -0.89 0.00	25.75 -1.13 0.00	27.11 -1.10 0.00	28.32 -1.46 0.00	30.73 -1.72 0.00	35.46 -2.14 0.00	40.07 -2.60 0.01	41.70 -2.76 0.01	36.70 -2.30 0.00	32.57 -2.40 0.31	28.83 -1.68 0.00	25.13 -1.52 0.00	22.10 -1.14 0.00
STA_56___34_KV_BUS2 355983	20.81 -1.33 0.00	19.60 -1.12 0.00	18.57 -1.19 0.00	17.53 -1.14 0.00	18.61 -1.08 0.00	20.13 -1.10 0.00	29.09 -1.15 0.00	31.76 -1.25 0.00	30.35 -1.70 0.00	26.52 -1.37 0.00	24.78 -0.98 0.00	25.18 -0.89 0.00	25.75 -1.13 0.00	27.11 -1.10 0.00	28.32 -1.46 0.00	30.73 -1.72 0.00	35.46 -2.14 0.00	40.07 -2.60 0.01	41.70 -2.76 0.01	36.70 -2.30 0.00	32.57 -2.40 0.31	28.83 -1.68 0.00	25.13 -1.52 0.00	22.10 -1.14 0.00
STA_67___115KV_BK2 355882	20.83 -1.31 0.00	19.62 -1.10 0.00	18.61 -1.15 0.00	17.57 -1.10 0.00	18.63 -1.06 0.00	20.15 -1.08 0.00	29.15 -1.09 0.00	31.83 -1.19 0.00	30.38 -1.67 0.00	26.55 -1.34 0.00	24.84 -0.93 0.00	25.24 -0.83 0.00	25.78 -1.10 0.00	27.17 -1.04 0.00	28.35 -1.43 0.00	30.73 -1.72 0.00	35.46 -2.14 0.00	40.07 -2.60 0.01	41.70 -2.76 0.01	36.70 -2.30 0.00	32.57 -2.40 0.31	28.83 -1.68 0.00	25.16 -1.49 0.00	22.14 -1.09 0.00
STA_7___115KV_9TRANS 80674	20.92 -1.22 0.00	19.71 -1.02 0.00	18.69 -1.07 0.00	17.62 -1.05 0.00	18.71 -0.98 0.00	20.25 -0.98 0.00	29.30 -0.94 0.00	32.06 -0.96 0.00	30.57 -1.47 0.00	26.71 -1.17 0.00	24.99 -0.77 0.00	25.39 -0.68 0.00	25.97 -0.91 0.00	27.34 -0.87 0.00	28.53 -1.25 0.00	30.96 -1.49 0.00	35.76 -1.84 0.00	40.36 -2.30 0.01	42.01 -2.45 0.01	37.01 -1.99 0.00	32.82 -2.15 0.31	29.05 -1.46 0.00	25.32 -1.33 0.00	22.26 -0.98 0.00
STA_82___115KV_TB1 80780	20.83 -1.31 0.00	19.62 -1.10 0.00	18.61 -1.15 0.00	17.57 -1.10 0.00	18.65 -1.04 0.00	20.15 -1.08 0.00	29.15 -1.09 0.00	31.83 -1.19 0.00	30.38 -1.67 0.00	26.55 -1.34 0.00	24.84 -0.93 0.00	25.24 -0.83 0.00	25.80 -1.08 0.00	27.17 -1.04 0.00	28.35 -1.43 0.00	30.73 -1.72 0.00	35.50 -2.11 0.00	40.07 -2.60 0.01	41.70 -2.76 0.01	36.74 -2.26 0.00	32.57 -2.40 0.31	28.86 -1.65 0.00	25.18 -1.47 0.00	22.17 -1.07 0.00
STEEL___WIND 323596	20.46 -1.68 0.00	19.33 -1.39 0.00	18.27 -1.48 0.00	17.32 -1.34 0.00	18.34 -1.36 0.00	19.94 -1.30 0.00	28.81 -1.42 0.00	31.50 -1.52 0.00	29.96 -2.08 0.00	26.21 -1.67 0.00	24.89 -0.88 0.00	25.31 -0.76 0.00	26.61 -0.27 0.00	27.28 -0.93 0.00	28.08 -1.70 0.00	30.28 -2.17 0.00	34.75 -2.86 0.00	39.08 -3.59 0.02	40.58 -3.87 0.02	35.69 -3.32 0.00	32.04 -2.86 0.37	28.10 -2.41 0.00	24.73 -1.92 0.00	21.96 -1.28 0.00
STEPHTWN_115KV_BK_2 55603	23.03 0.89 0.00	21.63 0.91 0.00	20.61 0.85 0.00	19.49 0.82 0.00	20.52 0.83 0.00	21.95 0.72 0.00	31.20 0.97 0.00	33.84 0.83 0.00	32.91 0.87 0.00	28.50 0.61 0.00	26.30 0.54 0.00	26.49 0.42 0.00	27.58 0.70 0.00	28.95 0.73 0.00	30.61 0.83 0.00	33.52 1.07 0.00	38.85 1.24 0.00	39.43 1.66 4.92	43.69 1.82 2.61	40.53 1.56 0.04	34.24 1.45 2.48	25.79 1.19 5.91	25.95 1.07 1.76	23.72 0.86 0.38
STEUBEN_REC_LFGE 323667	20.86 -1.28 0.00	19.58 -1.14 0.00	18.55 -1.21 0.00	17.55 -1.12 0.00	18.63 -1.06 0.00	20.25 -0.98 0.00	29.30 -0.94 0.00	32.19 -0.83 0.00	30.83 -1.22 0.00	26.91 -0.98 0.00	25.25 -0.52 0.00	25.65 -0.42 0.00	26.29 -0.59 0.00	27.70 -0.51 0.00	28.80 -0.98 0.00	30.96 -1.49 0.00	35.73 -1.88 0.00	40.22 -2.39 0.07	41.87 -2.53 0.06	36.78 -2.22 0.00	31.68 -2.05 1.55	28.65 -1.86 0.00	24.89 -1.76 0.00	21.87 -1.37 0.00
STILLWATER___SOLAR 323814	23.51 1.37 0.00	21.97 1.24 0.00	20.88 1.13 0.00	19.73 1.06 0.00	20.82 1.12 0.00	22.40 1.17 0.00	31.72 1.48 0.00	34.67 1.65 0.00	33.74 1.70 0.00	29.22 1.34 0.00	26.95 1.19 0.00	27.11 1.04 0.00	27.85 0.97 0.00	29.34 1.13 0.00	31.00 1.22 0.00	33.98 1.53 0.00	39.37 1.77 0.00	46.68 2.30 -1.70	47.82 2.44 -0.90	41.16 2.14 -0.01	38.14 2.01 -0.86	34.23 1.68 -2.04	28.75 1.49 -0.61	24.74 1.37 -0.13
STONY___BROOK 24151	24.22 2.08 0.00	22.38 1.66 0.00	21.20 1.44 0.00	19.99 1.33 0.00	21.06 1.36 0.00	22.93 1.70 0.00	32.23 2.00 0.00	34.70 1.68 0.00	34.45 2.40 0.00	30.23 2.34 0.00	27.98 2.22 0.00	28.42 2.35 0.00	29.24 2.37 0.00	30.81 2.59 0.00	32.07 2.29 0.00	34.50 2.05 0.00	39.85 2.26 0.01	45.33 2.65 0.00	47.36 2.89 0.00	41.97 2.96 0.00	37.82 2.54 0.00	33.32 2.81 0.00	29.62 2.96 -0.01	25.73 2.49 -0.01
STURGEON_POOL_HYD 23609	23.29 1.15 0.00	21.61 0.89 0.00	20.66 0.91 0.00	19.51 0.84 0.00	20.56 0.87 0.00	22.19 0.96 0.00	31.38 1.15 0.00	34.50 1.49 0.00	33.81 1.76 0.00	29.39 1.51 0.00	27.18 1.42 0.00	27.53 1.46 0.00	28.49 1.61 0.00	29.79 1.58 0.00	31.57 1.79 0.00	34.37 1.91 0.00	39.67 2.07 0.00	44.76 2.65 0.57	47.06 2.89 0.30	41.46 2.46 0.00	37.31 2.33 0.29	31.75 1.92 0.69	28.23 1.79 0.21	24.56 1.37 0.04
ST_LAW_115_BK7_LBMP 345037	10.84 -0.29 11.01	13.26 -0.29 7.18	12.37 -0.26 7.13	13.37 -0.26 5.04	17.78 -0.26 1.66	19.22 -0.25 1.76	29.93 -0.30 0.00	32.66 -0.36 0.00	31.69 -0.35 0.00	27.63 -0.25 0.00	25.51 -0.26 0.00	25.84 -0.24 0.00	26.58 -0.30 0.00	27.87 -0.34 0.00	29.45 -0.33 0.00	32.09 -0.36 0.00	37.30 -0.30 0.00	42.25 -0.43 0.00	43.98 -0.49 0.00	38.54 -0.47 0.00	34.38 -0.42 0.47	28.27 -0.36 1.87	24.21 -0.35 2.09	21.08 -0.28 1.88

ST_LAW_115_BK8_LBMP 345038	10.84 -0.29 11.01	13.26 -0.29 7.18	12.37 -0.26 7.13	13.37 -0.26 5.04	17.78 -0.26 1.66	19.22 -0.25 1.76	29.93 -0.30 0.00	32.66 -0.36 0.00	31.69 -0.35 0.00	27.63 -0.25 0.00	25.51 -0.26 0.00	25.84 -0.24 0.00	26.58 -0.30 0.00	27.87 -0.34 0.00	29.45 -0.33 0.00	32.09 -0.36 0.00	37.30 -0.30 0.00	42.25 -0.43 0.00	43.98 -0.49 0.00	38.54 -0.47 0.00	34.38 -0.42 0.47	28.27 -0.36 1.87	24.21 -0.35 2.09	21.08 -0.28 1.88
ST_LAW_230_BK5_LBMP 345035	10.84 -0.29 11.01	13.28 -0.27 7.18	12.37 -0.26 7.13	13.37 -0.26 5.04	17.78 -0.26 1.66	19.22 -0.25 1.76	29.93 -0.30 0.00	32.66 -0.36 0.00	31.69 -0.35 0.00	27.63 -0.25 0.00	25.51 -0.26 0.00	25.84 -0.24 0.00	26.58 -0.30 0.00	27.87 -0.34 0.00	29.45 -0.33 0.00	32.09 -0.36 0.00	37.30 -0.30 0.00	42.25 -0.43 0.00	43.98 -0.49 0.00	38.54 -0.47 0.00	34.38 -0.42 0.47	28.30 -0.33 1.87	24.21 -0.35 2.09	21.08 -0.28 1.88
ST_LAW_230_BK6_LBMP 345036	10.84 -0.29 11.01	13.28 -0.27 7.18	12.37 -0.26 7.13	13.37 -0.26 5.04	17.78 -0.26 1.66	19.22 -0.25 1.76	29.93 -0.30 0.00	32.66 -0.36 0.00	31.69 -0.35 0.00	27.63 -0.25 0.00	25.51 -0.26 0.00	25.84 -0.24 0.00	26.58 -0.30 0.00	27.87 -0.34 0.00	29.45 -0.33 0.00	32.09 -0.36 0.00	37.30 -0.30 0.00	42.25 -0.43 0.00	43.98 -0.49 0.00	38.54 -0.47 0.00	34.38 -0.42 0.47	28.30 -0.33 1.87	24.21 -0.35 2.09	21.08 -0.28 1.88
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	23.40 1.26 0.00	21.76 1.04 0.00	20.76 1.01 0.00	19.60 0.93 0.00	20.66 0.97 0.00	22.29 1.06 0.00	31.57 1.33 0.00	34.64 1.62 0.00	33.87 1.83 0.00	29.42 1.53 0.00	27.21 1.44 0.00	27.53 1.46 0.00	28.52 1.64 0.00	29.85 1.64 0.00	31.60 1.82 0.00	34.46 2.01 0.00	39.79 2.18 0.00	45.33 2.65 0.00	47.36 2.89 0.00	41.46 2.46 0.00	37.57 2.29 0.00	32.40 1.89 0.00	28.41 1.76 0.00	24.61 1.37 0.00
SWANROAD_115KV_TB1 355699	19.73 -2.41 0.00	18.67 -2.05 0.00	17.64 -2.11 0.00	16.67 -2.00 0.00	17.71 -1.99 0.00	19.11 -2.12 0.00	27.73 -2.51 0.00	30.18 -2.84 0.00	28.71 -3.33 0.00	25.12 -2.76 0.00	23.88 -1.88 0.00	24.30 -1.77 0.00	24.65 -2.23 0.00	26.10 -2.12 0.00	26.86 -2.92 0.00	28.91 -3.54 0.00	33.21 -4.40 0.00	37.29 -5.38 0.02	38.81 -5.65 0.02	34.13 -4.88 0.00	30.42 -4.37 0.48	27.03 -3.48 0.00	23.77 -2.88 0.00	21.19 -2.04 0.00
SYNERGY___BIOGAS 323694	20.55 -1.59 0.00	19.44 -1.28 0.00	18.37 -1.38 0.00	17.38 -1.29 0.00	18.46 -1.24 0.00	20.06 -1.17 0.00	29.15 -1.09 0.00	31.90 -1.12 0.00	30.22 -1.83 0.00	26.41 -1.48 0.00	24.91 -0.85 0.00	25.34 -0.73 0.00	26.58 -0.30 0.00	27.22 -0.99 0.00	28.17 -1.61 0.00	30.50 -1.95 0.00	35.09 -2.52 0.00	39.59 -3.07 0.02	41.25 -3.20 0.02	36.35 -2.65 0.00	32.27 -2.61 0.39	28.59 -1.92 0.00	25.00 -1.65 0.00	22.08 -1.16 0.00
SYRACUSE___ENERGY_ST1 323597	21.85 -0.29 0.00	20.47 -0.25 0.00	19.46 -0.30 0.00	18.39 -0.28 0.00	19.42 -0.28 0.00	21.02 -0.21 0.00	30.02 -0.21 0.00	32.79 -0.23 0.00	31.66 -0.38 0.00	27.55 -0.33 0.00	25.45 -0.31 0.00	25.78 -0.29 0.00	26.56 -0.32 0.00	27.90 -0.31 0.00	29.45 -0.33 0.00	32.03 -0.42 0.00	37.12 -0.49 0.00	42.08 -0.60 0.00	43.85 -0.62 0.00	38.46 -0.55 0.00	34.74 -0.53 0.00	30.08 -0.43 0.00	26.25 -0.40 0.00	22.91 -0.33 0.00
SYRACUSE___ENERGY_ST2 323598	21.85 -0.29 0.00	20.47 -0.25 0.00	19.46 -0.30 0.00	18.39 -0.28 0.00	19.42 -0.28 0.00	21.02 -0.21 0.00	30.02 -0.21 0.00	32.79 -0.23 0.00	31.66 -0.38 0.00	27.55 -0.33 0.00	25.45 -0.31 0.00	25.78 -0.29 0.00	26.56 -0.32 0.00	27.90 -0.31 0.00	29.45 -0.33 0.00	32.03 -0.42 0.00	37.12 -0.49 0.00	42.08 -0.60 0.00	43.85 -0.62 0.00	38.46 -0.55 0.00	34.74 -0.53 0.00	30.08 -0.43 0.00	26.25 -0.40 0.00	22.91 -0.33 0.00
SYRACUSE___POWER 24017	21.83 -0.31 0.00	20.45 -0.27 0.00	19.46 -0.30 0.00	18.39 -0.28 0.00	19.42 -0.28 0.00	21.00 -0.23 0.00	29.99 -0.24 0.00	32.79 -0.23 0.00	31.66 -0.38 0.00	27.52 -0.36 0.00	25.45 -0.31 0.00	25.78 -0.29 0.00	26.56 -0.32 0.00	27.90 -0.31 0.00	29.42 -0.36 0.00	32.00 -0.45 0.00	37.08 -0.53 0.00	42.09 -0.60 0.00	43.85 -0.62 0.00	38.46 -0.55 0.00	34.85 -0.53 -0.10	30.05 -0.46 0.00	26.25 -0.40 0.00	22.91 -0.33 0.00
TALLMAN___138KV_BK151 55660	23.45 1.31 0.00	21.78 1.06 0.00	20.80 1.05 0.00	19.64 0.97 0.00	20.68 0.98 0.00	22.34 1.10 0.00	31.60 1.36 0.00	34.70 1.68 0.00	33.97 1.92 0.00	29.56 1.67 0.00	27.33 1.57 0.00	27.69 1.62 0.00	28.68 1.80 0.00	30.05 1.83 0.00	31.75 1.97 0.00	34.59 2.14 0.00	39.90 2.29 0.00	45.46 2.77 0.00	47.50 3.02 0.00	41.58 2.57 0.00	37.64 2.36 0.00	32.46 1.95 0.00	28.49 1.84 0.00	24.68 1.44 0.00
TEALLAVE_115KV_TB7 355573	21.76 -0.38 0.00	20.39 -0.33 0.00	19.40 -0.36 0.00	18.33 -0.34 0.00	19.36 -0.33 0.00	20.93 -0.30 0.00	29.90 -0.33 0.00	32.66 -0.36 0.00	31.53 -0.51 0.00	27.44 -0.45 0.00	25.38 -0.39 0.00	25.71 -0.36 0.00	26.48 -0.40 0.00	27.82 -0.39 0.00	29.33 -0.45 0.00	31.90 -0.55 0.00	36.97 -0.64 0.00	41.91 -0.77 0.00	43.67 -0.80 0.00	38.30 -0.70 0.00	34.60 -0.67 0.00	29.96 -0.55 0.00	26.14 -0.51 0.00	22.82 -0.42 0.00
TELGRAPH_34_KV_EAST 80808	20.26 -1.88 0.00	19.15 -1.57 0.00	18.10 -1.66 0.00	17.10 -1.57 0.00	18.18 -1.52 0.00	19.66 -1.57 0.00	28.60 -1.63 0.00	31.24 -1.78 0.00	29.64 -2.40 0.00	25.93 -1.95 0.00	24.55 -1.21 0.00	24.98 -1.09 0.00	25.37 -1.51 0.00	26.86 -1.35 0.00	27.73 -2.05 0.00	29.92 -2.53 0.00	34.41 -3.20 0.00	38.70 -3.97 0.02	40.28 -4.18 0.02	35.45 -3.55 0.00	31.51 -3.35 0.41	27.98 -2.53 0.00	24.49 -2.16 0.00	21.75 -1.49 0.00
TEMPLE___115KV_TB 2 55572	21.76 -0.38 0.00	20.39 -0.33 0.00	19.40 -0.36 0.00	18.33 -0.34 0.00	19.36 -0.33 0.00	20.93 -0.30 0.00	29.90 -0.33 0.00	32.66 -0.36 0.00	31.53 -0.51 0.00	27.47 -0.42 0.00	25.40 -0.36 0.00	25.71 -0.36 0.00	26.50 -0.38 0.00	27.85 -0.37 0.00	29.36 -0.42 0.00	31.93 -0.52 0.00	36.97 -0.64 0.00	41.91 -0.77 0.00	43.67 -0.80 0.00	38.34 -0.66 0.00	34.60 -0.67 0.00	29.96 -0.55 0.00	26.17 -0.48 0.00	22.84 -0.40 0.00
TIANA____69_KV_BK 1 55817	24.33 2.19 0.00	22.44 1.72 0.00	21.30 1.54 0.00	20.12 1.46 0.00	21.10 1.40 0.00	23.08 1.85 0.00	32.26 2.03 0.00	34.87 1.85 0.00	34.61 2.56 0.00	30.39 2.51 0.00	28.06 2.29 0.00	28.50 2.42 0.00	29.54 2.66 0.00	30.92 2.71 0.00	32.31 2.53 0.00	34.72 2.27 0.00	40.04 2.44 0.01	45.63 2.95 0.00	47.76 3.29 0.00	42.36 3.35 0.00	38.13 2.86 0.00	33.56 3.05 0.00	29.67 3.01 -0.01	25.85 2.60 -0.01
TILDEN___115KV_TB1 80814	21.83 -0.31 0.00	20.45 -0.27 0.00	19.46 -0.30 0.00	18.39 -0.28 0.00	19.42 -0.28 0.00	21.00 -0.23 0.00	29.99 -0.24 0.00	32.79 -0.23 0.00	31.66 -0.38 0.00	27.52 -0.36 0.00	25.45 -0.31 0.00	25.78 -0.29 0.00	26.56 -0.32 0.00	27.90 -0.31 0.00	29.42 -0.36 0.00	32.00 -0.45 0.00	37.08 -0.53 0.00	42.09 -0.60 0.00	43.85 -0.62 0.00	38.46 -0.55 0.00	34.85 -0.53 -0.10	30.05 -0.46 0.00	26.25 -0.40 0.00	22.91 -0.33 0.00

TRIGEN___CC 323695	23.78 1.64 0.00	22.01 1.28 0.00	20.94 1.19 0.00	19.79 1.12 0.00	20.78 1.08 0.00	22.59 1.36 0.00	31.84 1.60 0.00	34.50 1.49 0.00	34.13 2.08 0.00	29.92 2.04 0.00	27.75 1.98 0.00	28.16 2.09 0.00	29.16 2.28 0.00	30.47 2.26 0.00	31.95 2.17 0.00	34.46 2.01 0.00	39.71 2.11 0.01	45.24 2.56 0.00	47.32 2.85 0.00	41.58 2.57 0.00	37.60 2.33 0.00	32.83 2.32 0.00	29.06 2.40 -0.02	25.18 1.93 -0.02
TRINITY___115KV___4 BK 55933	22.83 0.69 0.00	21.45 0.73 0.00	20.47 0.71 0.00	19.36 0.69 0.00	20.37 0.67 0.00	21.78 0.55 0.00	30.90 0.67 0.00	33.68 0.66 0.00	32.75 0.70 0.00	28.44 0.56 0.00	26.23 0.46 0.00	26.44 0.36 0.00	27.39 0.51 0.00	28.75 0.54 0.00	30.44 0.66 0.00	33.26 0.81 0.00	38.55 0.94 0.00	43.14 1.24 0.78	45.39 1.33 0.41	40.17 1.17 0.01	35.97 1.09 0.39	30.46 0.88 0.94	27.17 0.80 0.28	23.83 0.65 0.06
UNION___PROCESSING_DRP 323587	20.83 -1.31 0.00	19.65 -1.08 0.00	18.61 -1.15 0.00	17.57 -1.10 0.00	18.65 -1.04 0.00	20.17 -1.06 0.00	29.15 -1.09 0.00	31.83 -1.19 0.00	30.41 -1.63 0.00	26.55 -1.34 0.00	24.86 -0.90 0.00	25.24 -0.83 0.00	25.80 -1.08 0.00	27.20 -1.02 0.00	28.35 -1.43 0.00	30.73 -1.72 0.00	35.50 -2.11 0.00	40.11 -2.56 0.01	41.70 -2.76 0.01	36.74 -2.26 0.00	32.57 -2.40 0.31	28.86 -1.65 0.00	25.18 -1.47 0.00	22.17 -1.07 0.00
UPPER HUDSON___HYD 24058	23.80 1.66 0.00	22.24 1.51 0.00	21.08 1.32 0.00	19.92 1.25 0.00	21.04 1.34 0.00	22.65 1.42 0.00	31.63 1.39 0.00	34.54 1.52 0.00	33.65 1.60 0.00	29.08 1.20 0.00	26.82 1.06 0.00	26.96 0.89 0.00	27.63 0.75 0.00	29.09 0.88 0.00	30.73 0.95 0.00	33.75 1.30 0.00	39.07 1.47 0.00	46.19 2.05 -1.46	47.47 2.22 -0.77	40.96 1.95 -0.01	37.84 1.83 -0.74	33.76 1.49 -1.75	28.53 1.36 -0.52	24.95 1.60 -0.11
UPPER RAQUET___HYD 24056	31.54 0.40 -9.00	33.22 0.35 -12.15	31.54 0.28 -11.50	31.96 0.28 -13.01	37.43 0.31 -17.42	40.21 0.53 -18.44	31.66 1.42 0.00	34.80 1.78 0.00	33.39 1.35 0.00	28.89 1.00 0.00	26.41 0.64 0.00	26.75 0.68 0.00	27.50 0.62 0.00	28.78 0.56 0.00	30.41 0.63 0.00	33.16 0.71 0.00	39.03 1.43 0.00	44.60 1.92 0.00	46.43 1.95 0.00	40.64 1.64 0.00	36.57 1.48 0.19	51.13 0.95 -19.67	49.03 0.45 -21.93	43.51 0.53 -19.74
VALLEY44_115KV_TB2 355964	21.03 -1.11 0.00	19.83 -0.89 0.00	18.73 -1.03 0.00	17.75 -0.91 0.00	18.81 -0.89 0.00	20.45 -0.79 0.00	29.63 -0.60 0.00	32.52 -0.50 0.00	30.99 -1.06 0.00	26.99 -0.89 0.00	25.53 -0.23 0.00	25.97 -0.10 0.00	26.56 -0.32 0.00	28.07 -0.14 0.00	28.89 -0.89 0.00	31.09 -1.36 0.00	35.80 -1.81 0.00	40.57 -2.09 0.02	42.36 -2.09 0.02	37.01 -1.99 0.00	33.49 -1.31 0.48	28.96 -1.56 0.00	25.37 -1.28 0.00	22.52 -0.72 0.00
VALLEY___115KV_TB 1-4 80826	22.94 0.27 -0.54	21.31 0.27 -0.32	20.33 0.26 -0.32	19.13 0.26 -0.20	19.99 0.30 0.00	21.57 0.34 0.00	30.72 0.48 0.00	33.58 0.56 0.00	32.62 0.58 0.00	28.36 0.47 0.00	26.25 0.49 0.00	26.62 0.55 0.00	27.44 0.56 0.00	28.80 0.59 0.00	30.38 0.60 0.00	33.03 0.58 0.00	38.21 0.60 0.00	43.32 0.64 0.00	45.01 0.53 0.00	39.39 0.39 0.00	35.62 0.32 -0.03	30.73 0.21 0.00	26.78 0.13 0.00	23.38 0.14 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.09 0.95 0.00	21.57 0.85 0.00	20.57 0.81 0.00	19.45 0.78 0.00	20.50 0.81 0.00	22.14 0.91 0.00	31.66 1.42 0.00	34.70 1.68 0.00	33.68 1.63 0.00	29.25 1.37 0.00	27.00 1.24 0.00	27.40 1.33 0.00	28.25 1.37 0.00	29.71 1.50 0.00	31.36 1.58 0.00	34.11 1.65 0.00	39.56 1.96 0.00	44.86 2.18 0.00	46.65 2.18 0.00	40.87 1.87 0.00	37.04 1.76 0.00	31.92 1.40 0.00	27.82 1.17 0.00	24.31 1.07 0.00
VISCHER___FERRY HYD 24020	23.25 1.11 0.00	21.74 1.02 0.00	20.70 0.95 0.00	19.56 0.90 0.00	20.62 0.93 0.00	22.19 0.96 0.00	31.48 1.24 0.00	34.47 1.45 0.00	33.58 1.54 0.00	29.14 1.26 0.00	26.85 1.08 0.00	27.04 0.97 0.00	27.71 0.83 0.00	29.23 1.01 0.00	30.94 1.16 0.00	33.81 1.36 0.00	39.22 1.62 0.00	47.17 2.01 -2.49	47.97 2.18 -1.32	40.89 1.87 -0.02	38.26 1.73 -1.26	34.96 1.46 -2.99	28.85 1.31 -0.89	24.54 1.12 -0.19
V_A_10_SYNC_DSASP 323832	20.24 -1.90 0.00	19.13 -1.60 0.00	18.10 -1.66 0.00	17.16 -1.51 0.00	18.16 -1.54 0.00	19.68 -1.55 0.00	28.36 -1.87 0.00	30.87 -2.15 0.00	29.42 -2.63 0.00	25.74 -2.15 0.00	24.32 -1.44 0.00	24.74 -1.33 0.00	25.94 -0.94 0.00	26.55 -1.66 0.00	27.49 -2.29 0.00	29.72 -2.73 0.00	34.18 -3.42 0.00	38.49 -4.18 0.01	40.10 -4.36 0.01	35.26 -3.74 0.00	31.26 -3.63 0.38	27.80 -2.72 0.00	24.44 -2.21 0.00	21.63 -1.60 0.00
V_CMM_10_SYNC_DSASP 323787	10.98 -0.15 11.01	13.40 -0.14 7.18	12.49 -0.14 7.13	13.50 -0.13 5.04	17.92 -0.12 1.66	19.37 -0.11 1.76	30.18 -0.06 0.00	32.92 -0.10 0.00	31.92 -0.13 0.00	27.86 -0.03 0.00	25.69 -0.08 0.00	26.04 -0.03 0.00	26.80 -0.08 0.00	28.07 -0.14 0.00	29.66 -0.12 0.00	32.35 -0.10 0.00	37.49 -0.11 0.00	42.47 -0.21 0.00	44.16 -0.31 0.00	38.69 -0.31 0.00	34.52 -0.28 0.47	28.39 -0.25 1.87	24.29 -0.27 2.09	21.17 -0.19 1.88
V_CMP_10_SYNC_DSASP 323788	-6.94 -0.66 28.42	-7.00 -0.64 27.08	-7.00 -0.61 26.14	-7.05 -0.60 25.12	-7.09 -0.61 26.17	-7.07 -0.59 27.70	29.66 -0.58 0.00	32.43 -0.59 0.00	31.47 -0.58 0.00	27.58 -0.31 0.00	25.46 -0.31 0.00	25.86 -0.21 0.00	26.56 -0.32 0.00	27.79 -0.42 0.00	29.39 -0.39 0.00	32.06 -0.39 0.00	37.49 -0.11 0.00	42.47 -0.21 0.00	43.85 -0.62 0.00	38.22 -0.78 0.00	34.06 -0.78 0.44	0.20 -0.76 29.55	-7.09 -0.80 32.94	-7.09 -0.67 29.65
V_D_10_SYNC_DSASP 323841	11.00 -0.13 11.01	13.42 -0.12 7.18	12.51 -0.12 7.13	13.50 -0.13 5.04	17.92 -0.12 1.66	19.37 -0.11 1.76	30.21 -0.03 0.00	32.92 -0.10 0.00	31.92 -0.13 0.00	27.86 -0.03 0.00	25.69 -0.08 0.00	26.04 -0.03 0.00	26.80 -0.08 0.00	28.07 -0.14 0.00	29.69 -0.09 0.00	32.35 -0.10 0.00	37.64 0.04 0.00	42.64 -0.04 0.00	44.34 -0.13 0.00	38.85 -0.16 0.00	34.66 -0.14 0.47	28.52 -0.12 1.87	24.40 -0.16 2.09	21.24 -0.12 1.88
V_E_10_SYNC_DSASP 323830	23.25 1.11 0.00	21.74 1.02 0.00	20.65 0.89 0.00	19.56 0.90 0.00	20.66 0.96 0.00	22.48 1.25 0.00	32.53 2.30 0.00	35.79 2.77 0.00	34.35 2.31 0.00	29.64 1.76 0.00	27.26 1.49 0.00	27.74 1.67 0.00	28.68 1.80 0.00	30.10 1.89 0.00	31.75 1.97 0.00	34.43 1.98 0.00	40.24 2.63 0.00	45.71 2.99 -0.04	47.32 2.80 -0.04	41.42 2.42 0.00	38.37 2.15 -0.95	32.16 1.65 0.00	27.85 1.20 0.00	24.44 1.21 0.00
V_F_30_NSYNC___DSASP 323816	23.54 1.40 0.00	21.99 1.26 0.00	20.88 1.13 0.00	19.73 1.06 0.00	20.84 1.14 0.00	22.42 1.19 0.00	31.75 1.51 0.00	34.70 1.68 0.00	33.77 1.73 0.00	29.25 1.37 0.00	26.95 1.19 0.00	27.14 1.07 0.00	27.87 1.00 0.00	29.37 1.16 0.00	31.03 1.25 0.00	34.01 1.56 0.00	39.41 1.81 0.00	46.57 2.30 -1.59	47.81 2.49 -0.84	41.20 2.18 -0.01	38.12 2.05 -0.80	34.13 1.71 -1.91	28.74 1.52 -0.57	24.75 1.39 -0.12

V_F_30_SYNC_DSASP 323786	22.87 0.73 0.00	21.51 0.79 0.00	20.51 0.75 0.00	19.40 0.73 0.00	20.43 0.73 0.00	21.83 0.59 0.00	30.99 0.76 0.00	33.68 0.66 0.00	32.78 0.74 0.00	28.44 0.56 0.00	26.23 0.46 0.00	26.46 0.39 0.00	27.44 0.56 0.00	28.83 0.62 0.00	30.50 0.71 0.00	33.36 0.91 0.00	38.62 1.02 0.00	44.64 1.32 -0.64	46.28 1.47 -0.34	40.26 1.25 0.00	36.80 1.20 -0.32	32.25 0.98 -0.77	27.76 0.88 -0.23	23.98 0.70 -0.05
V_XM_10_SYNC_DSASP 323789	-6.94 -0.66 28.42	-7.00 -0.64 27.08	-7.00 -0.61 26.14	-7.05 -0.60 25.12	-7.09 -0.61 26.17	-7.07 -0.59 27.70	29.66 -0.58 0.00	32.43 -0.59 0.00	31.47 -0.58 0.00	27.58 -0.31 0.00	25.46 -0.31 0.00	25.86 -0.21 0.00	26.56 -0.32 0.00	27.79 -0.42 0.00	29.39 -0.39 0.00	32.06 -0.39 0.00	37.49 -0.11 0.00	42.47 -0.21 0.00	43.85 -0.62 0.00	38.22 -0.78 0.00	34.06 -0.78 0.44	0.20 -0.76 29.55	-7.09 -0.80 32.94	-7.09 -0.67 29.65
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	23.49 1.35 0.00	21.84 1.12 0.00	20.84 1.09 0.00	19.70 1.03 0.00	20.74 1.04 0.00	22.38 1.15 0.00	31.69 1.45 0.00	34.80 1.78 0.00	34.06 2.02 0.00	29.61 1.73 0.00	27.41 1.65 0.00	27.74 1.67 0.00	28.76 1.88 0.00	30.10 1.89 0.00	31.84 2.05 0.00	34.69 2.24 0.00	40.01 2.41 0.00	45.58 2.90 0.00	47.63 3.16 0.00	41.69 2.69 0.00	37.74 2.47 0.00	32.56 2.04 0.00	28.57 1.92 0.00	24.75 1.51 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	23.65 1.51 0.00	21.97 1.24 0.00	20.98 1.22 0.00	19.81 1.14 0.00	20.84 1.14 0.00	22.51 1.27 0.00	31.87 1.63 0.00	35.07 2.05 0.00	34.35 2.31 0.00	29.89 2.01 0.00	27.70 1.93 0.00	28.05 1.98 0.00	29.08 2.20 0.00	30.44 2.23 0.00	32.19 2.41 0.00	35.05 2.60 0.00	40.31 2.71 0.00	45.97 3.29 0.00	47.99 3.51 0.00	41.97 2.96 0.00	38.06 2.79 0.00	32.80 2.29 0.00	28.83 2.19 0.00	24.91 1.67 0.00
W50THST__13_KV_LOAD 356117	23.76 1.62 0.00	22.07 1.35 0.00	21.06 1.30 0.00	19.90 1.23 0.00	20.94 1.24 0.00	22.61 1.38 0.00	32.02 1.78 0.00	35.26 2.25 0.00	34.55 2.50 0.00	30.09 2.20 0.00	27.88 2.11 0.00	28.23 2.16 0.00	29.27 2.39 0.00	30.64 2.43 0.00	32.40 2.62 0.00	35.27 2.82 0.00	40.58 2.97 0.00	46.27 3.59 0.00	48.25 3.78 0.00	42.24 3.24 0.00	38.27 3.00 0.00	32.95 2.44 0.00	28.97 2.32 0.00	25.05 1.81 0.00
WADING RIVER_IC_1 23522	24.29 2.15 0.00	22.40 1.68 0.00	21.24 1.48 0.00	20.01 1.34 0.00	21.08 1.38 0.00	22.97 1.74 0.00	32.23 2.00 0.00	34.77 1.75 0.00	34.51 2.47 0.00	30.23 2.34 0.00	27.93 2.16 0.00	28.37 2.29 0.00	29.19 2.31 0.00	30.81 2.59 0.00	32.11 2.32 0.00	34.53 2.08 0.00	39.70 2.10 0.01	45.29 2.60 0.00	47.32 2.85 0.00	42.08 3.08 0.00	37.92 2.65 0.00	33.44 2.93 0.00	29.62 2.96 -0.01	25.80 2.56 -0.01
WADING RIVER_IC_2 23547	24.29 2.15 0.00	22.40 1.68 0.00	21.24 1.48 0.00	20.01 1.34 0.00	21.08 1.38 0.00	22.97 1.74 0.00	32.23 2.00 0.00	34.77 1.75 0.00	34.51 2.47 0.00	30.23 2.34 0.00	27.93 2.16 0.00	28.37 2.29 0.00	29.19 2.31 0.00	30.81 2.59 0.00	32.11 2.32 0.00	34.53 2.08 0.00	39.70 2.10 0.01	45.29 2.60 0.00	47.32 2.85 0.00	42.08 3.08 0.00	37.92 2.65 0.00	33.44 2.93 0.00	29.62 2.96 -0.01	25.80 2.56 -0.01
WADING RIVER_IC_3 23601	24.29 2.15 0.00	22.40 1.68 0.00	21.24 1.48 0.00	20.01 1.34 0.00	21.08 1.38 0.00	22.97 1.74 0.00	32.23 2.00 0.00	34.77 1.75 0.00	34.51 2.47 0.00	30.23 2.34 0.00	27.93 2.16 0.00	28.37 2.29 0.00	29.19 2.31 0.00	30.81 2.59 0.00	32.11 2.32 0.00	34.53 2.08 0.00	39.70 2.10 0.01	45.29 2.60 0.00	47.32 2.85 0.00	42.08 3.08 0.00	37.92 2.65 0.00	33.44 2.93 0.00	29.62 2.96 -0.01	25.80 2.56 -0.01
WALDENNY_12_KV_BK2 80841	20.43 -1.70 0.00	19.31 -1.41 0.00	18.23 -1.52 0.00	17.25 -1.42 0.00	18.32 -1.38 0.00	19.83 -1.40 0.00	28.78 -1.45 0.00	31.43 -1.58 0.00	29.93 -2.12 0.00	26.18 -1.70 0.00	24.86 -0.90 0.00	25.29 -0.78 0.00	25.72 -1.16 0.00	27.25 -0.96 0.00	28.05 -1.73 0.00	30.21 -2.24 0.00	34.71 -2.90 0.00	38.95 -3.71 0.02	40.58 -3.87 0.02	35.61 -3.39 0.00	31.81 -3.07 0.39	28.07 -2.44 0.00	24.68 -1.97 0.00	21.94 -1.30 0.00
WALDEN__HYDRO 24148	23.45 1.31 0.00	21.78 1.06 0.00	20.80 1.05 0.00	19.64 0.97 0.00	20.70 1.00 0.00	22.31 1.08 0.00	31.63 1.39 0.00	34.67 1.65 0.00	33.94 1.89 0.00	29.47 1.59 0.00	27.23 1.47 0.00	27.58 1.51 0.00	28.57 1.69 0.00	29.88 1.66 0.00	31.66 1.88 0.00	34.53 2.08 0.00	39.86 2.26 0.00	45.41 2.73 0.00	47.45 2.98 0.00	41.54 2.54 0.00	37.67 2.40 0.00	32.50 1.98 0.00	28.46 1.81 0.00	24.65 1.42 0.00
WARRENSBURG____ 23737	23.80 1.66 0.00	22.24 1.51 0.00	21.08 1.32 0.00	19.92 1.25 0.00	21.04 1.34 0.00	22.65 1.42 0.00	31.63 1.39 0.00	34.54 1.52 0.00	33.65 1.60 0.00	29.08 1.20 0.00	26.82 1.06 0.00	26.96 0.89 0.00	27.63 0.75 0.00	29.09 0.88 0.00	30.73 0.95 0.00	33.75 1.30 0.00	39.07 1.47 0.00	46.19 2.05 -1.46	47.47 2.22 -0.77	40.96 1.95 -0.01	37.84 1.83 -0.74	33.76 1.49 -1.75	28.53 1.36 -0.52	24.95 1.60 -0.11
WATERSIDE____6 8 9 23538	23.74 1.59 -0.01	22.05 1.33 0.00	21.07 1.30 -0.01	19.89 1.21 -0.01	20.90 1.20 0.00	22.57 1.34 0.00	31.81 1.57 0.00	35.00 1.98 0.00	34.32 2.28 0.00	29.89 2.01 0.00	27.72 1.96 0.00	28.08 2.01 0.00	29.14 2.26 0.00	30.47 2.26 0.00	32.22 2.44 0.00	35.11 2.66 0.00	40.24 2.63 0.00	45.88 3.20 0.00	47.85 3.38 0.00	41.89 2.89 0.00	38.10 2.82 0.00	32.80 2.29 0.00	28.91 2.27 0.00	25.01 1.77 -0.01
WATKINRD_115KV_LN8_ILLION 55919	22.92 0.24 -0.54	21.29 0.25 -0.32	20.31 0.24 -0.32	19.09 0.22 -0.20	19.93 0.24 0.00	21.51 0.28 0.00	30.60 0.36 0.00	33.45 0.43 0.00	32.49 0.45 0.00	28.25 0.36 0.00	26.12 0.36 0.00	26.46 0.39 0.00	27.28 0.40 0.00	28.63 0.42 0.00	30.23 0.45 0.00	32.91 0.45 0.00	38.09 0.49 0.00	43.24 0.55 0.00	45.01 0.53 0.00	39.39 0.39 0.00	35.69 0.39 -0.03	30.79 0.27 0.00	26.86 0.21 0.00	23.45 0.21 0.00
WATSON__69_KV_BK 1 55734	24.33 2.19 0.00	22.48 1.76 0.00	21.32 1.56 0.00	20.14 1.47 0.00	21.15 1.46 0.00	23.10 1.87 0.00	32.41 2.18 0.00	34.97 1.95 0.00	34.71 2.66 0.00	30.48 2.59 0.00	28.24 2.47 0.00	28.65 2.58 0.00	29.70 2.82 0.00	31.03 2.82 0.00	32.43 2.65 0.00	34.85 2.40 0.00	40.27 2.67 0.01	45.88 3.20 0.00	48.08 3.60 0.00	42.40 3.39 0.00	38.24 2.96 0.00	33.62 3.11 0.00	29.78 3.12 -0.01	25.85 2.60 -0.01
WDELAWARE__HYD 323627	23.42 1.28 0.00	21.76 1.04 0.00	20.76 1.01 0.00	19.60 0.93 0.00	20.70 1.00 0.00	22.29 1.06 0.00	31.69 1.45 0.00	34.77 1.75 0.00	33.94 1.89 0.00	29.44 1.56 0.00	27.18 1.42 0.00	27.53 1.46 0.00	28.36 1.48 0.00	29.82 1.61 0.00	31.57 1.79 0.00	34.46 2.01 0.00	39.86 2.26 0.00	45.42 2.73 0.00	47.41 2.93 0.00	41.54 2.53 0.00	37.67 2.40 0.00	32.49 1.98 0.00	28.41 1.76 0.00	24.63 1.39 0.00

WEST BABYLON___IC 23714	24.24 2.10 0.00	22.40 1.68 0.00	21.26 1.50 0.00	20.09 1.42 0.00	21.08 1.38 0.00	23.01 1.78 0.00	32.32 2.09 0.00	34.90 1.88 0.00	34.61 2.56 0.00	30.39 2.51 0.00	28.19 2.42 0.00	28.60 2.53 0.00	29.62 2.74 0.00	30.98 2.76 0.00	32.37 2.59 0.00	34.72 2.27 0.00	40.12 2.52 0.01	45.71 3.03 0.00	47.90 3.42 0.00	42.20 3.20 0.00	38.10 2.82 0.00	33.50 2.99 0.00	29.67 3.01 -0.01	25.73 2.49 -0.01
WEST CANADA___HYD 24049	22.79 0.11 -0.54	21.15 0.10 -0.32	20.18 0.10 -0.32	18.96 0.09 -0.20	19.80 0.10 0.00	21.34 0.11 0.00	30.33 0.09 0.00	33.15 0.13 0.00	32.21 0.16 0.00	28.00 0.11 0.00	25.87 0.10 0.00	26.18 0.10 0.00	26.99 0.11 0.00	28.35 0.14 0.00	29.93 0.15 0.00	32.61 0.16 0.00	37.79 0.19 0.00	42.85 0.17 0.00	44.65 0.18 0.00	39.16 0.16 0.00	35.48 0.18 -0.03	30.67 0.15 0.00	26.78 0.13 0.00	23.35 0.12 0.00
WESTERN_NY_WIND 24143	20.52 -1.62 0.00	19.40 -1.33 0.00	18.33 -1.42 0.00	17.29 -1.38 0.00	18.42 -1.28 0.00	19.94 -1.30 0.00	29.09 -1.15 0.00	31.83 -1.19 0.00	30.15 -1.89 0.00	26.32 -1.56 0.00	24.86 -0.90 0.00	25.29 -0.78 0.00	25.70 -1.18 0.00	27.17 -1.04 0.00	28.11 -1.67 0.00	30.37 -2.08 0.00	35.01 -2.59 0.00	39.46 -3.20 0.02	41.08 -3.38 0.02	36.19 -2.81 0.00	32.16 -2.72 0.40	28.50 -2.01 0.00	24.89 -1.76 0.00	22.05 -1.19 0.00
WESTOVER___LESR 323668	21.94 -0.20 0.00	20.54 -0.19 0.00	19.54 -0.22 0.00	18.48 -0.19 0.00	19.52 -0.18 0.00	21.10 -0.13 0.00	30.24 0.00 0.00	33.12 0.10 0.00	31.92 -0.13 0.00	27.74 -0.14 0.00	25.76 0.00 0.00	26.10 0.03 0.00	26.88 0.00 0.00	28.27 0.06 0.00	29.66 -0.12 0.00	32.19 -0.26 0.00	37.31 -0.30 0.00	42.33 -0.34 0.01	44.11 -0.36 0.01	38.73 -0.27 0.00	34.78 -0.28 0.21	30.27 -0.24 0.00	26.44 -0.21 0.00	23.14 -0.09 0.00
WETHRSFD_WT_PWR 323626	20.37 -1.77 0.00	19.21 -1.51 0.00	18.20 -1.56 0.00	17.25 -1.42 0.00	18.26 -1.44 0.00	19.85 -1.38 0.00	28.63 -1.60 0.00	31.34 -1.68 0.00	29.87 -2.18 0.00	26.10 -1.79 0.00	24.63 -1.13 0.00	25.03 -1.04 0.00	26.21 -0.67 0.00	26.97 -1.24 0.00	27.91 -1.88 0.00	30.11 -2.34 0.00	34.63 -2.97 0.00	39.03 -3.63 0.03	40.58 -3.87 0.03	35.69 -3.32 0.00	31.63 -3.03 0.61	27.98 -2.53 0.00	24.54 -2.11 0.00	21.70 -1.53 0.00
WHAVSTOR_138KV_BK127 55557	23.42 1.28 0.00	21.78 1.06 0.00	20.80 1.05 0.00	19.64 0.97 0.00	20.68 0.98 0.00	22.34 1.10 0.00	31.60 1.36 0.00	34.70 1.68 0.00	33.97 1.92 0.00	29.53 1.65 0.00	27.33 1.57 0.00	27.69 1.62 0.00	28.68 1.80 0.00	30.05 1.83 0.00	31.75 1.97 0.00	34.56 2.11 0.00	39.86 2.26 0.00	45.41 2.73 0.00	47.45 2.98 0.00	41.54 2.54 0.00	37.60 2.33 0.00	32.43 1.92 0.00	28.46 1.81 0.00	24.68 1.44 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	23.42 1.28 0.00	21.78 1.06 0.00	20.80 1.05 0.00	19.64 0.97 0.00	20.68 0.98 0.00	22.34 1.10 0.00	31.60 1.36 0.00	34.70 1.68 0.00	33.97 1.92 0.00	29.53 1.65 0.00	27.33 1.57 0.00	27.69 1.62 0.00	28.68 1.80 0.00	30.05 1.83 0.00	31.75 1.97 0.00	34.56 2.11 0.00	39.86 2.26 0.00	45.41 2.73 0.00	47.45 2.98 0.00	41.54 2.54 0.00	37.60 2.33 0.00	32.43 1.92 0.00	28.46 1.81 0.00	24.68 1.44 0.00
WHITEHAL_115KV_TB1 80871	24.20 2.06 0.00	22.61 1.89 0.00	21.38 1.62 0.00	20.22 1.55 0.00	21.35 1.65 0.00	23.01 1.78 0.00	32.35 2.12 0.00	35.30 2.28 0.00	34.38 2.34 0.00	29.64 1.76 0.00	27.33 1.57 0.00	27.43 1.36 0.00	28.20 1.32 0.00	29.57 1.35 0.00	31.24 1.46 0.00	34.40 1.95 0.00	39.82 2.22 0.00	47.22 3.03 -1.51	48.61 3.34 -0.80	41.94 2.93 -0.01	38.72 2.68 -0.76	34.55 2.23 -1.81	29.14 1.95 -0.54	25.38 2.02 -0.12
WHITEPLN_13_KV_LOAD 356215	23.71 1.57 0.00	22.05 1.33 0.00	21.04 1.28 0.00	19.86 1.19 0.00	20.92 1.22 0.00	22.55 1.32 0.00	31.96 1.72 0.00	35.13 2.11 0.00	34.48 2.44 0.00	29.95 2.06 0.00	27.77 2.01 0.00	28.16 2.09 0.00	29.14 2.26 0.00	30.53 2.31 0.00	32.31 2.53 0.00	35.21 2.76 0.00	40.58 2.97 0.00	46.27 3.59 0.00	48.34 3.87 0.00	42.24 3.24 0.00	38.20 2.93 0.00	32.92 2.41 0.00	28.94 2.29 0.00	25.00 1.77 0.00
WM_FLOYD_69_KV_BK2 356380	24.27 2.13 0.00	22.40 1.68 0.00	21.26 1.50 0.00	20.09 1.42 0.00	21.06 1.36 0.00	23.04 1.80 0.00	32.20 1.97 0.00	34.74 1.72 0.00	34.48 2.44 0.00	30.25 2.37 0.00	28.00 2.24 0.00	28.42 2.35 0.00	29.43 2.55 0.00	30.81 2.60 0.00	32.19 2.41 0.00	34.59 2.14 0.00	39.89 2.29 0.01	45.50 2.82 0.00	47.68 3.20 0.00	42.20 3.20 0.00	38.03 2.75 0.00	33.44 2.93 0.00	29.64 2.98 -0.01	25.78 2.53 -0.01
WOODARD___115KV_TB2 355635	21.74 -0.40 0.00	20.37 -0.35 0.00	19.38 -0.38 0.00	18.31 -0.35 0.00	19.34 -0.35 0.00	20.91 -0.32 0.00	29.87 -0.36 0.00	32.59 -0.43 0.00	31.47 -0.58 0.00	27.41 -0.47 0.00	25.33 -0.44 0.00	25.65 -0.42 0.00	26.42 -0.46 0.00	27.76 -0.45 0.00	29.27 -0.51 0.00	31.83 -0.62 0.00	36.89 -0.71 0.00	41.83 -0.85 0.00	43.58 -0.89 0.00	38.26 -0.74 0.00	34.53 -0.74 0.00	29.90 -0.61 0.00	26.12 -0.53 0.00	22.80 -0.44 0.00
YORK___WARBASSE 23770	23.90 1.75 -0.01	22.17 1.45 0.00	21.19 1.42 -0.01	20.00 1.33 -0.01	21.02 1.32 0.00	22.67 1.44 0.00	31.99 1.75 0.00	35.17 2.15 0.00	34.45 2.40 0.00	30.03 2.15 0.00	27.85 2.09 0.00	28.21 2.14 0.00	29.27 2.39 0.00	30.64 2.43 0.00	32.40 2.62 0.00	35.31 2.86 -0.01	40.39 2.78 0.00	46.10 3.41 0.00	48.08 3.60 0.00	42.08 3.08 0.00	38.31 3.03 0.00	33.02 2.50 -0.01	29.11 2.45 -0.01	25.17 1.93 -0.01