

Day Ahead Market Generator LBMP

Generator Data		--- Marginal Cost of Losses														--- Marginal Cost of Congestion										09/09/2024	
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	22.24	21.04	18.67	18.26	18.64	21.83	26.87	28.93	27.26	25.96	25.06	24.98	26.89	28.23	27.82	29.59	34.10	38.76	41.96	40.87	38.90	33.00	29.50	25.11		
		1.05	1.04	0.94	0.90	0.87	0.98	1.16	1.64	1.71	1.58	1.64	1.68	1.85	1.97	1.96	2.19	2.76	3.14	3.39	3.20	2.82	1.93	1.64	1.35		
		-2.03	-1.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	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	22.24	21.04	18.67	18.26	18.64	21.83	26.84	28.90	27.26	26.01	25.10	25.02	26.97	28.34	27.97	29.67	34.22	38.76	41.95	40.87	38.97	33.06	29.56	25.11		
		1.05	1.04	0.94	0.90	0.87	0.98	1.13	1.61	1.71	1.63	1.69	1.72	1.93	2.07	2.12	2.27	2.88	3.14	3.39	3.20	2.89	1.99	1.70	1.35		
		-2.03	-1.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	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	22.24	21.04	18.67	18.26	18.64	21.83	26.84	28.90	27.26	26.01	25.10	25.02	26.97	28.34	27.97	29.67	34.22	38.76	41.95	40.87	38.97	33.06	29.56	25.11		
		1.05	1.04	0.94	0.90	0.87	0.98	1.13	1.61	1.71	1.63	1.69	1.72	1.93	2.07	2.12	2.27	2.88	3.14	3.39	3.20	2.89	1.99	1.70	1.35		
		-2.03	-1.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	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	23.06	21.56	18.89	18.47	18.92	22.29	27.53	29.39	27.93	26.20	25.01	24.81	26.69	27.92	27.46	29.12	33.66	38.58	41.92	40.91	39.47	33.59	30.00	25.56		
		1.26	1.25	1.15	1.11	1.15	1.44	1.83	2.10	2.07	1.83	1.59	1.51	1.65	1.65	1.60	1.73	2.32	2.96	3.35	3.24	3.39	2.52	2.15	1.81		
		-2.64	-1.32	0.00	0.00	0.00	0.00	0.00	0.00	-0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK RESOURCE___RCVRY	23798	23.16	21.65	18.96	18.54	18.99	22.42	27.69	29.53	28.07	26.35	25.10	24.88	26.82	28.00	27.53	28.69	33.00	37.98	41.22	40.27	38.86	33.03	29.53	25.70		
		1.36	1.35	1.22	1.18	1.23	1.56	1.98	2.24	2.22	1.97	1.69	1.59	1.78	1.73	1.68	1.29	1.66	2.35	2.66	2.60	2.78	1.96	1.67	1.95		
		-2.64	-1.32	0.00	0.00	0.00	0.00	0.00	0.00	-0.35	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		
ADK S GLENS___FALLS	24028	23.06	21.56	18.89	18.47	18.92	22.29	27.53	29.39	27.93	26.20	25.01	24.81	26.69	27.92	27.46	29.12	33.66	38.58	41.92	40.91	39.47	33.59	30.00	25.56		
		1.26	1.25	1.15	1.11	1.15	1.44	1.83	2.10	2.07	1.83	1.59	1.51	1.65	1.65	1.60	1.73	2.32	2.96	3.35	3.24	3.39	2.52	2.15	1.81		
		-2.64	-1.32	0.00	0.00	0.00	0.00	0.00	0.00	-0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK_NYS___DAM	23527	22.83	21.36	18.76	18.35	18.76	22.00	27.05	29.01	27.94	26.01	25.06	24.93	26.74	27.97	27.40	28.99	33.47	38.19	41.26	40.31	38.54	32.85	29.36	25.13		
		1.13	1.10	1.03	0.99	0.99	1.15	1.34	1.72	1.84	1.63	1.64	1.63	1.70	1.71	1.55	1.59	2.13	2.57	2.70	2.64	2.45	1.77	1.50	1.38		
		-2.55	-1.27	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
AIR_PRODUCTS___DRP	24190	22.35	20.89	18.34	17.93	18.32	21.36	26.04	27.83	25.55	24.88	23.96	23.83	25.64	26.81	26.40	27.89	32.18	36.62	39.56	38.61	36.98	31.57	28.22	24.13		
		0.63	0.63	0.60	0.57	0.55	0.50	0.33	0.55	0.61	0.51	0.54	0.54	0.60	0.55	0.54	0.49	0.85	1.00	1.00	0.94	0.90	0.50	0.36	0.38		
		-2.56	-1.28	0.00	0.00	0.00	0.00	0.00	0.00	0.56	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		
AKWESSNE_115KV_BK	355683	18.87	18.78	17.50	17.15	17.57	20.69	25.50	26.93	25.07	23.96	22.97	22.79	24.44	25.63	25.21	26.77	30.37	34.63	37.67	36.88	35.43	30.73	27.55	23.54		
		-0.29	-0.21	-0.23	-0.21	-0.20	-0.17	-0.21	-0.35	-0.43	-0.41	-0.44	-0.51	-0.60	-0.63	-0.65	-0.63	-0.97	-1.00	-0.89	-0.79	-0.65	-0.34	-0.31	-0.21		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ALBANY_1_SOLAR	323833	22.47	21.04	18.51	18.11	18.51	21.65	26.53	28.30	25.91	25.08	24.07	23.88	25.74	26.95	26.55	28.22	32.50	37.19	40.26	39.33	37.74	32.23	28.83	24.66		
		0.80	0.80	0.78	0.75	0.75	0.79	0.82	1.01	0.97	0.71	0.65	0.58	0.70	0.68	0.70	0.82	1.16	1.57	1.69	1.66	1.66	1.15	0.97	0.90		
		-2.51	-1.25	0.00	0.00	0.00	0.00	0.00	0.00	0.56	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		
ALBANY_2_SOLAR	323834	22.47	21.04	18.50	18.11	18.51	21.65	26.53	28.30	25.91	25.08	24.05	23.88	25.72	26.95	26.55	28.22	32.50	37.19	40.22	39.33	37.74	32.23	28.83	24.66		
		0.80	0.80	0.76	0.75	0.75	0.79	0.82	1.01	0.97	0.71	0.63	0.58	0.68	0.68	0.70	0.82	1.16	1.57	1.66	1.66	1.66	1.15	0.97	0.90		
		-2.51	-1.25	0.00	0.00	0.00	0.00	0.00	0.00	0.56	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		
ALBANY___1	23571	22.35	20.89	18.34	17.93	18.32	21.36	26.04	27.83	25.55	24.88	23.96	23.83	25.64	26.81	26.40	27.89	32.18	36.62	39.56	38.61	36.98	31.57	28.22	24.13		
		0.63	0.63	0.60	0.57	0.55	0.50	0.33	0.55	0.61	0.51	0.54	0.54	0.60	0.55	0.54	0.49	0.85	1.00	1.00	0.94	0.90	0.50	0.36	0.38		
		-2.56	-1.28	0.00	0.00	0.00	0.00	0.00	0.00	0.56	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		

ALBANY___2 23572	22.35 0.63 -2.56	20.89 0.63 -1.28	18.34 0.60 0.00	17.93 0.57 0.00	18.32 0.55 0.00	21.36 0.50 0.00	26.04 0.33 0.00	27.83 0.55 0.00	25.55 0.61 0.56	24.88 0.51 0.00	23.96 0.54 0.00	23.83 0.54 0.00	25.64 0.60 0.00	26.81 0.55 0.00	26.40 0.54 0.00	27.89 0.49 0.00	32.18 0.85 0.00	36.62 1.00 0.00	39.56 1.00 0.00	38.61 0.94 0.00	36.98 0.90 0.00	31.57 0.50 0.00	28.22 0.36 0.00	24.13 0.38 0.00
ALBANY___3 23573	22.35 0.63 -2.56	20.89 0.63 -1.28	18.34 0.60 0.00	17.93 0.57 0.00	18.32 0.55 0.00	21.36 0.50 0.00	26.04 0.33 0.00	27.83 0.55 0.00	25.55 0.61 0.56	24.88 0.51 0.00	23.96 0.54 0.00	23.83 0.54 0.00	25.64 0.60 0.00	26.81 0.55 0.00	26.40 0.54 0.00	27.89 0.49 0.00	32.18 0.85 0.00	36.62 1.00 0.00	39.56 1.00 0.00	38.61 0.94 0.00	36.98 0.90 0.00	31.57 0.50 0.00	28.22 0.36 0.00	24.13 0.38 0.00
ALBANY___4 23574	22.35 0.63 -2.56	20.89 0.63 -1.28	18.34 0.60 0.00	17.93 0.57 0.00	18.32 0.55 0.00	21.36 0.50 0.00	26.04 0.33 0.00	27.83 0.55 0.00	25.55 0.61 0.56	24.88 0.51 0.00	23.96 0.54 0.00	23.83 0.54 0.00	25.64 0.60 0.00	26.81 0.55 0.00	26.40 0.54 0.00	27.89 0.49 0.00	32.18 0.85 0.00	36.62 1.00 0.00	39.56 1.00 0.00	38.61 0.94 0.00	36.98 0.90 0.00	31.57 0.50 0.00	28.22 0.36 0.00	24.13 0.38 0.00
ALBANY___LFGE 323615	22.49 0.75 -2.59	21.00 0.72 -1.29	18.43 0.69 0.00	18.04 0.68 0.00	18.43 0.66 0.00	21.50 0.65 0.00	26.30 0.59 0.00	28.08 0.79 0.00	26.44 0.87 -0.07	25.10 0.73 0.00	24.17 0.75 0.00	24.04 0.75 0.00	25.87 0.83 0.00	27.03 0.76 0.00	26.58 0.72 0.00	28.19 0.80 0.00	32.40 1.07 0.00	36.98 1.35 0.00	39.95 1.39 0.00	38.99 1.32 0.00	37.35 1.26 0.00	31.85 0.78 0.00	28.50 0.64 0.00	24.37 0.62 0.00
ALCOA_PA_115KV_PL-6C 55860	18.87 -0.29 0.00	18.78 -0.21 0.00	17.50 -0.23 0.00	17.17 -0.19 0.00	17.59 -0.18 0.00	20.71 -0.15 0.00	25.56 -0.15 0.00	26.99 -0.30 0.00	25.12 -0.38 0.00	23.98 -0.39 0.00	23.00 -0.42 0.00	22.81 -0.49 0.00	24.44 -0.60 0.00	25.66 -0.60 0.00	25.23 -0.62 0.00	26.80 -0.60 0.00	30.40 -0.94 0.00	34.66 -0.96 0.00	37.71 -0.85 0.00	36.96 -0.72 0.00	35.54 -0.54 0.00	30.80 -0.28 0.00	27.61 -0.25 0.00	23.59 -0.17 0.00
ALCOA_RYNLDS___DRP 24188	18.87 -0.29 0.00	18.78 -0.21 0.00	17.50 -0.23 0.00	17.17 -0.19 0.00	17.59 -0.18 0.00	20.71 -0.15 0.00	25.56 -0.15 0.00	26.99 -0.30 0.00	25.12 -0.38 0.00	23.98 -0.39 0.00	23.00 -0.42 0.00	22.81 -0.49 0.00	24.44 -0.60 0.00	25.66 -0.60 0.00	25.23 -0.62 0.00	26.80 -0.60 0.00	30.40 -0.94 0.00	34.66 -0.96 0.00	37.71 -0.85 0.00	36.96 -0.72 0.00	35.54 -0.54 0.00	30.80 -0.28 0.00	27.61 -0.25 0.00	23.59 -0.17 0.00
ALCOA___DSASP 323711	18.87 -0.29 0.00	18.78 -0.21 0.00	17.50 -0.23 0.00	17.17 -0.19 0.00	17.59 -0.18 0.00	20.71 -0.14 0.00	25.56 -0.15 0.00	26.99 -0.30 0.00	25.12 -0.38 0.00	23.98 -0.39 0.00	23.00 -0.42 0.00	22.81 -0.49 0.00	24.44 -0.60 0.00	25.66 -0.60 0.00	25.21 -0.65 0.00	26.80 -0.60 0.00	30.49 -0.84 0.00	34.63 -1.00 0.00	37.71 -0.85 0.00	36.95 -0.72 0.00	35.54 -0.54 0.00	30.80 -0.28 0.00	27.61 -0.25 0.00	23.59 -0.17 0.00
ALLEGHENY___COGEN 23514	18.72 -0.52 -0.08	18.43 -0.61 -0.05	17.22 -0.51 0.00	16.91 -0.45 0.00	17.31 -0.46 0.00	20.44 -0.42 0.00	25.45 -0.26 0.00	27.32 0.03 0.00	25.35 -0.13 0.03	24.35 -0.02 0.00	23.18 -0.23 0.00	22.93 -0.37 0.00	24.41 -0.60 0.03	25.67 -0.42 0.18	25.42 -0.28 0.15	26.29 -0.77 0.34	30.20 -0.37 0.77	34.37 0.00 1.25	35.92 0.23 2.87	36.43 0.27 1.50	33.78 0.18 2.49	30.42 0.09 0.75	28.02 0.39 0.23	23.92 0.17 0.00
ALTAMONT_115KV_TB 2 55880	22.32 0.59 -2.57	20.85 0.59 -1.28	18.28 0.55 0.00	17.90 0.54 0.00	18.28 0.52 0.00	21.42 0.56 0.00	26.30 0.59 0.00	28.11 0.82 0.00	26.10 0.84 0.25	25.10 0.73 0.00	24.14 0.73 0.00	24.02 0.72 0.00	25.89 0.85 0.00	27.13 0.87 0.00	26.71 0.85 0.00	28.27 0.88 0.00	32.59 1.25 0.00	37.05 1.43 0.00	40.07 1.50 0.00	39.10 1.43 0.00	37.45 1.37 0.00	32.01 0.93 0.00	28.61 0.75 0.00	24.42 0.67 0.00
ALTONA_WT_PWR 323606	18.24 -0.92 0.00	18.15 -0.83 0.00	16.92 -0.82 0.00	16.65 -0.71 0.00	17.15 -0.62 0.00	20.35 -0.50 0.00	25.04 -0.67 0.00	26.69 -0.60 0.00	24.92 -0.59 0.00	23.69 -0.68 0.00	22.60 -0.82 0.00	22.32 -0.98 0.00	23.86 -1.18 0.00	25.00 -1.26 0.00	24.51 -1.35 0.00	26.08 -1.31 0.00	29.96 -1.38 0.00	34.38 -1.25 0.00	38.37 -0.19 0.00	37.60 -0.08 0.00	36.26 0.18 0.00	31.32 0.25 0.00	27.97 0.11 0.00	23.92 0.17 0.00
AMERICAN_REF_FUEL 24010	17.34 -1.93 -0.12	17.06 -1.99 -0.07	15.91 -1.83 0.00	15.61 -1.75 0.00	16.03 -1.74 0.00	18.75 -2.11 0.00	23.29 -2.42 0.00	24.64 -2.65 0.00	23.22 -2.24 0.03	22.52 -1.85 0.00	21.61 -1.80 0.00	21.48 -1.82 0.00	23.03 -1.98 0.03	23.99 -2.08 0.20	23.77 -1.91 0.17	24.10 -2.90 0.39	27.42 -3.04 0.88	30.81 -3.39 1.43	31.92 -3.89 2.75	32.03 -3.92 1.72	29.98 -3.75 2.35	27.26 -2.95 0.86	25.59 -2.01 0.26	22.04 -1.71 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	17.81 -1.46 -0.11	17.51 -1.54 -0.07	16.37 -1.37 0.00	16.04 -1.32 0.00	16.47 -1.30 0.00	19.31 -1.54 0.00	24.12 -1.59 0.00	25.68 -1.61 0.00	24.09 -1.38 0.03	23.35 -1.02 0.00	22.39 -1.03 0.00	22.16 -1.14 0.00	23.61 -1.40 0.03	24.51 -1.58 0.18	24.28 -1.42 0.15	24.55 -2.49 0.35	28.01 -2.54 0.79	31.59 -2.74 1.29	32.86 -2.89 2.81	33.41 -2.71 1.55	31.33 -2.34 2.41	28.47 -1.83 0.77	26.54 -1.09 0.24	23.09 -0.66 0.00
ARTHUR KILL_GT_1 23520	22.20 1.01 -2.03	20.97 0.97 -1.01	18.57 0.83 0.00	18.18 0.82 0.00	18.51 0.75 0.00	21.67 0.81 0.00	26.61 0.90 0.00	28.65 1.36 0.00	27.10 1.50 -0.10	31.02 1.56 -5.08	38.32 1.59 -13.31	38.62 1.63 -13.69	38.95 1.80 -12.10	38.95 1.89 -10.80	38.95 1.91 -11.18	38.95 2.14 -9.42	41.36 2.70 -7.32	41.37 3.10 -2.65	41.34 3.35 0.57	41.04 3.20 -0.17	41.00 2.82 -2.10	39.54 1.86 -6.60	38.98 1.62 -9.51	25.04 1.28 -0.01
ARTHUR_KILL_2 23512	22.16 0.98 -2.03	20.91 0.91 -1.01	18.53 0.80 0.00	18.12 0.76 0.00	18.48 0.71 0.00	21.60 0.75 0.00	26.56 0.85 0.00	28.57 1.28 0.00	27.03 1.43 -0.10	30.94 1.49 -5.08	38.27 1.55 -13.31	38.57 1.59 -13.69	38.87 1.73 -12.10	38.87 1.81 -10.80	38.87 1.84 -11.18	38.87 2.06 -9.42	41.23 2.57 -7.32	41.23 2.96 -2.65	41.23 3.24 0.57	40.89 3.05 -0.17	40.89 2.71 -2.10	39.45 1.77 -6.60	38.87 1.50 -9.51	24.97 1.21 -0.01
ARTHUR_KILL_3 23513	22.07 0.88 -2.03	20.87 0.87 -1.01	18.51 0.78 0.00	18.11 0.75 0.00	18.50 0.73 0.00	21.65 0.79 0.00	26.61 0.90 0.00	28.66 1.36 0.00	27.06 1.45 -0.11	30.85 1.39 -5.09	38.19 1.45 -13.32	38.49 1.49 -13.69	38.80 1.65 -12.11	38.80 1.73 -10.80	38.80 1.76 -11.19	38.80 1.97 -9.42	41.05 2.38 -7.33	40.99 2.71 -2.66	40.93 2.93 0.56	40.67 2.83 -0.18	40.65 2.45 -2.11	39.33 1.65 -6.61	38.82 1.45 -9.52	24.88 1.12 -0.01

ARTHUR_KILL_COGEN 323718	22.20 1.01 -2.03	20.97 0.97 -1.01	18.57 0.83 0.00	18.18 0.82 0.00	18.51 0.75 0.00	21.67 0.81 0.00	26.61 0.90 0.00	28.65 1.36 0.00	27.10 1.50 -0.10	31.02 1.56 -5.08	38.32 1.59 -13.31	38.62 1.63 -13.69	38.95 1.80 -12.10	38.95 1.89 -10.80	38.95 1.91 -11.18	38.95 2.14 -9.42	41.36 2.70 -7.32	41.37 3.10 -2.65	41.34 3.35 0.57	41.04 3.20 -0.17	41.00 2.82 -2.10	39.54 1.86 -6.60	38.98 1.62 -9.51	25.04 1.28 -0.01
ASHOKAN____ 23654	21.78 0.35 -2.28	20.41 0.29 -1.14	18.59 0.85 0.00	18.23 0.87 0.00	18.57 0.80 0.00	21.71 0.86 0.00	26.63 0.92 0.00	28.38 1.09 0.00	26.76 1.66 0.40	25.08 0.71 0.00	24.07 0.65 0.00	23.86 0.56 0.00	25.72 0.68 0.00	27.03 0.76 0.00	26.71 0.85 0.00	28.44 1.04 0.00	32.75 1.41 0.00	37.58 1.96 0.00	40.87 2.31 0.00	39.93 2.26 0.00	38.32 2.24 0.00	32.60 1.52 0.00	29.05 1.20 0.00	24.82 1.07 0.00
ASTORIA_EAST_ENERGY_CC1 323581	22.35 1.17 -2.03	21.10 1.10 -1.01	18.69 0.96 0.00	18.28 0.92 0.00	18.64 0.87 0.00	21.79 0.94 0.00	26.60 0.90 0.01	28.64 1.36 0.01	27.07 1.53 -0.04	25.88 1.51 0.01	24.98 1.57 0.01	24.90 1.61 0.01	26.84 1.80 0.01	28.15 1.89 0.01	27.76 1.91 0.01	29.50 2.11 0.01	33.90 2.57 0.01	38.57 2.96 0.01	41.72 3.16 0.01	40.71 3.05 0.01	38.74 2.67 0.01	32.87 1.80 0.01	29.44 1.59 0.00	25.08 1.33 0.00
ASTORIA_EAST_ENERGY_CC2 323582	22.35 1.17 -2.03	21.10 1.10 -1.01	18.69 0.96 0.00	18.28 0.92 0.00	18.64 0.87 0.00	21.79 0.94 0.00	26.60 0.90 0.01	28.64 1.36 0.01	27.07 1.53 -0.04	25.88 1.51 0.01	24.98 1.57 0.01	24.90 1.61 0.01	26.84 1.80 0.01	28.15 1.89 0.01	27.76 1.91 0.01	29.50 2.11 0.01	33.90 2.57 0.01	38.57 2.96 0.01	41.72 3.16 0.01	40.71 3.05 0.01	38.74 2.67 0.01	32.87 1.80 0.01	29.44 1.59 0.00	25.08 1.33 0.00
ASTORIA_GT2_1 24094	22.35 1.17 -2.03	21.10 1.10 -1.01	18.69 0.96 0.00	18.30 0.94 0.00	18.64 0.87 0.00	21.79 0.94 0.00	26.61 0.90 0.00	28.65 1.36 0.00	27.08 1.53 -0.05	25.88 1.51 0.00	24.98 1.57 0.01	24.92 1.63 0.01	26.83 1.80 0.01	28.21 1.94 0.00	27.84 1.99 0.01	29.54 2.14 0.00	34.03 2.70 0.01	38.54 2.92 0.01	41.72 3.16 0.00	40.65 2.98 0.00	38.75 2.67 0.00	32.85 1.77 0.00	29.45 1.59 0.00	25.08 1.33 0.00
ASTORIA_GT2_2 24095	22.35 1.17 -2.03	21.10 1.10 -1.01	18.69 0.96 0.00	18.30 0.94 0.00	18.64 0.87 0.00	21.79 0.94 0.00	26.61 0.90 0.00	28.65 1.36 0.00	27.08 1.53 -0.05	25.88 1.51 0.00	24.98 1.57 0.01	24.92 1.63 0.01	26.83 1.80 0.01	28.21 1.94 0.00	27.84 1.99 0.01	29.54 2.14 0.00	34.03 2.70 0.01	38.54 2.92 0.01	41.72 3.16 0.00	40.65 2.98 0.00	38.75 2.67 0.00	32.85 1.77 0.00	29.45 1.59 0.00	25.08 1.33 0.00
ASTORIA_GT2_3 24096	22.35 1.17 -2.03	21.10 1.10 -1.01	18.69 0.96 0.00	18.30 0.94 0.00	18.64 0.87 0.00	21.79 0.94 0.00	26.61 0.90 0.00	28.65 1.36 0.00	27.08 1.53 -0.05	25.88 1.51 0.00	24.98 1.57 0.01	24.92 1.63 0.01	26.83 1.80 0.01	28.21 1.94 0.00	27.84 1.99 0.01	29.54 2.14 0.00	34.03 2.70 0.01	38.54 2.92 0.01	41.72 3.16 0.00	40.65 2.98 0.00	38.75 2.67 0.00	32.85 1.77 0.00	29.45 1.59 0.00	25.08 1.33 0.00
ASTORIA_GT2_4 24097	22.35 1.17 -2.03	21.10 1.10 -1.01	18.69 0.96 0.00	18.30 0.94 0.00	18.64 0.87 0.00	21.79 0.94 0.00	26.61 0.90 0.00	28.65 1.36 0.00	27.08 1.53 -0.05	25.88 1.51 0.00	24.98 1.57 0.01	24.92 1.63 0.01	26.83 1.80 0.01	28.21 1.94 0.00	27.84 1.99 0.01	29.54 2.14 0.00	34.03 2.70 0.01	38.54 2.92 0.01	41.72 3.16 0.00	40.65 2.98 0.00	38.75 2.67 0.00	32.85 1.77 0.00	29.45 1.59 0.00	25.08 1.33 0.00
ASTORIA_GT3_1 24098	22.35 1.17 -2.03	21.10 1.10 -1.01	18.69 0.96 0.00	18.30 0.94 0.00	18.64 0.87 0.00	21.79 0.94 0.00	26.61 0.90 0.00	28.65 1.36 0.00	27.08 1.53 -0.05	25.88 1.51 0.00	24.98 1.57 0.01	24.92 1.63 0.01	26.83 1.80 0.01	28.21 1.94 0.00	27.84 1.99 0.01	29.54 2.14 0.00	34.03 2.70 0.01	38.54 2.92 0.01	41.72 3.16 0.00	40.65 2.98 0.00	38.75 2.67 0.00	32.85 1.77 0.00	29.45 1.59 0.00	25.08 1.33 0.00
ASTORIA_GT3_2 24099	22.35 1.17 -2.03	21.10 1.10 -1.01	18.69 0.96 0.00	18.30 0.94 0.00	18.64 0.87 0.00	21.79 0.94 0.00	26.61 0.90 0.00	28.65 1.36 0.00	27.08 1.53 -0.05	25.88 1.51 0.00	24.98 1.57 0.01	24.92 1.63 0.01	26.83 1.80 0.01	28.21 1.94 0.00	27.84 1.99 0.01	29.54 2.14 0.00	34.03 2.70 0.01	38.54 2.92 0.01	41.72 3.16 0.00	40.65 2.98 0.00	38.75 2.67 0.00	32.85 1.77 0.00	29.45 1.59 0.00	25.08 1.33 0.00
ASTORIA_GT3_3 24100	22.35 1.17 -2.03	21.10 1.10 -1.01	18.69 0.96 0.00	18.30 0.94 0.00	18.64 0.87 0.00	21.79 0.94 0.00	26.61 0.90 0.00	28.65 1.36 0.00	27.08 1.53 -0.05	25.88 1.51 0.00	24.98 1.57 0.01	24.92 1.63 0.01	26.83 1.80 0.01	28.21 1.94 0.00	27.84 1.99 0.01	29.54 2.14 0.00	34.03 2.70 0.01	38.54 2.92 0.01	41.72 3.16 0.00	40.65 2.98 0.00	38.75 2.67 0.00	32.85 1.77 0.00	29.45 1.59 0.00	25.08 1.33 0.00
ASTORIA_GT3_4 24101	22.35 1.17 -2.03	21.10 1.10 -1.01	18.69 0.96 0.00	18.30 0.94 0.00	18.64 0.87 0.00	21.79 0.94 0.00	26.61 0.90 0.00	28.65 1.36 0.00	27.08 1.53 -0.05	25.88 1.51 0.00	24.98 1.57 0.01	24.92 1.63 0.01	26.83 1.80 0.01	28.21 1.94 0.00	27.84 1.99 0.01	29.54 2.14 0.00	34.03 2.70 0.01	38.54 2.92 0.01	41.72 3.16 0.00	40.65 2.98 0.00	38.75 2.67 0.00	32.85 1.77 0.00	29.45 1.59 0.00	25.08 1.33 0.00
ASTORIA_GT4_1 24102	22.35 1.17 -2.03	21.10 1.10 -1.01	18.69 0.96 0.00	18.30 0.94 0.00	18.64 0.87 0.00	21.79 0.94 0.00	26.61 0.90 0.00	28.65 1.36 0.00	27.08 1.53 -0.05	25.88 1.51 0.00	24.98 1.57 0.01	24.92 1.63 0.01	26.83 1.80 0.01	28.21 1.94 0.00	27.84 1.99 0.01	29.54 2.14 0.00	34.03 2.70 0.01	38.54 2.92 0.01	41.72 3.16 0.00	40.65 2.98 0.00	38.75 2.67 0.00	32.85 1.77 0.00	29.45 1.59 0.00	25.08 1.33 0.00
ASTORIA_GT4_2 24103	22.35 1.17 -2.03	21.10 1.10 -1.01	18.69 0.96 0.00	18.30 0.94 0.00	18.64 0.87 0.00	21.79 0.94 0.00	26.61 0.90 0.00	28.65 1.36 0.00	27.08 1.53 -0.05	25.88 1.51 0.00	24.98 1.57 0.01	24.92 1.63 0.01	26.83 1.80 0.01	28.21 1.94 0.00	27.84 1.99 0.01	29.54 2.14 0.00	34.03 2.70 0.01	38.54 2.92 0.01	41.72 3.16 0.00	40.65 2.98 0.00	38.75 2.67 0.00	32.85 1.77 0.00	29.45 1.59 0.00	25.08 1.33 0.00
ASTORIA_GT4_3 24104	22.35 1.17 -2.03	21.10 1.10 -1.01	18.69 0.96 0.00	18.30 0.94 0.00	18.64 0.87 0.00	21.79 0.94 0.00	26.61 0.90 0.00	28.65 1.36 0.00	27.08 1.53 -0.05	25.88 1.51 0.00	24.98 1.57 0.01	24.92 1.63 0.01	26.83 1.80 0.01	28.21 1.94 0.00	27.84 1.99 0.01	29.54 2.14 0.00	34.03 2.70 0.01	38.54 2.92 0.01	41.72 3.16 0.00	40.65 2.98 0.00	38.75 2.67 0.00	32.85 1.77 0.00	29.45 1.59 0.00	25.08 1.33 0.00

ASTORIA_GT4_4 24105	22.35 1.17 -2.03	21.10 1.10 -1.01	18.69 0.96 0.00	18.30 0.94 0.00	18.64 0.87 0.00	21.79 0.94 0.00	26.61 0.90 0.00	28.65 1.36 0.00	27.08 1.53 -0.05	25.88 1.51 0.00	24.98 1.57 0.01	24.92 1.63 0.01	26.83 1.80 0.01	28.21 1.94 0.00	27.84 1.99 0.01	29.54 2.14 0.00	34.03 2.70 0.01	38.54 2.92 0.01	41.72 3.16 0.00	40.65 2.98 0.00	38.75 2.67 0.00	32.85 1.77 0.00	29.45 1.59 0.00	25.08 1.33 0.00
ASTORIA_GT_1 23523	22.39 1.21 -2.03	21.14 1.14 -1.01	18.73 0.99 0.00	18.31 0.95 0.00	18.66 0.89 0.00	21.83 0.98 0.00	26.65 0.95 0.01	28.70 1.42 0.01	27.12 1.58 -0.04	25.93 1.56 0.01	25.02 1.61 0.01	24.97 1.68 0.01	26.88 1.85 0.01	28.20 1.94 0.01	27.81 1.96 0.01	29.58 2.19 0.01	33.99 2.66 0.01	38.68 3.06 0.01	41.83 3.28 0.01	40.83 3.16 0.01	38.85 2.78 0.01	32.96 1.90 0.01	29.50 1.64 0.00	25.13 1.38 0.00
ASTORIA_GT_10 24110	22.22 1.03 -2.03	21.00 1.01 -1.01	18.62 0.89 0.00	18.23 0.87 0.00	18.59 0.82 0.00	21.75 0.90 0.00	26.69 0.98 0.00	28.74 1.45 0.00	27.13 1.58 -0.05	25.93 1.56 0.00	25.35 1.62 -0.31	25.45 1.65 -0.49	27.13 1.85 -0.24	28.23 1.97 0.00	29.23 2.04 -1.34	29.56 2.16 0.00	36.95 2.76 -2.85	39.76 2.99 -1.14	41.80 3.24 0.00	40.76 3.09 0.00	38.83 2.74 0.00	32.91 1.83 0.00	29.45 1.59 0.00	25.04 1.28 0.00
ASTORIA_GT_11 24225	22.22 1.03 -2.03	21.00 1.01 -1.01	18.62 0.89 0.00	18.23 0.87 0.00	18.59 0.82 0.00	21.75 0.90 0.00	26.69 0.98 0.00	28.74 1.45 0.00	27.13 1.58 -0.05	25.93 1.56 0.00	25.35 1.62 -0.31	25.45 1.65 -0.49	27.13 1.85 -0.24	28.23 1.97 0.00	29.23 2.04 -1.34	29.56 2.16 0.00	36.95 2.76 -2.85	39.76 2.99 -1.14	41.80 3.24 0.00	40.76 3.09 0.00	38.83 2.74 0.00	32.91 1.83 0.00	29.45 1.59 0.00	25.04 1.28 0.00
ASTORIA_GT_12 24226	22.22 1.03 -2.03	21.00 1.01 -1.01	18.62 0.89 0.00	18.23 0.87 0.00	18.59 0.82 0.00	21.75 0.90 0.00	26.69 0.98 0.00	28.74 1.45 0.00	27.13 1.58 -0.05	25.93 1.56 0.00	25.35 1.62 -0.31	25.45 1.65 -0.49	27.13 1.85 -0.24	28.23 1.97 0.00	29.23 2.04 -1.34	29.56 2.16 0.00	36.95 2.76 -2.85	39.76 2.99 -1.14	41.80 3.24 0.00	40.76 3.09 0.00	38.83 2.74 0.00	32.91 1.83 0.00	29.45 1.59 0.00	25.04 1.28 0.00
ASTORIA_GT_13 24227	22.22 1.03 -2.03	21.00 1.01 -1.01	18.62 0.89 0.00	18.23 0.87 0.00	18.59 0.82 0.00	21.75 0.90 0.00	26.69 0.98 0.00	28.74 1.45 0.00	27.13 1.58 -0.05	25.93 1.56 0.00	25.35 1.62 -0.31	25.45 1.65 -0.49	27.13 1.85 -0.24	28.23 1.97 0.00	29.23 2.04 -1.34	29.56 2.16 0.00	36.95 2.76 -2.85	39.76 2.99 -1.14	41.80 3.24 0.00	40.76 3.09 0.00	38.83 2.74 0.00	32.91 1.83 0.00	29.45 1.59 0.00	25.04 1.28 0.00
ASTORIA_GT_5 24106	22.39 1.21 -2.03	21.14 1.14 -1.01	18.73 0.99 0.00	18.31 0.95 0.00	18.66 0.89 0.00	21.83 0.98 0.00	26.66 0.95 0.00	28.71 1.42 0.00	27.13 1.58 -0.05	25.93 1.56 0.00	25.02 1.62 0.01	24.97 1.68 0.01	26.88 1.85 0.01	28.26 2.00 0.00	27.89 2.04 0.01	29.59 2.19 0.00	34.09 2.76 0.01	38.61 2.99 0.01	41.84 3.28 0.00	40.76 3.09 0.00	38.86 2.78 0.00	32.91 1.83 0.00	29.50 1.64 0.00	25.13 1.38 0.00
ASTORIA_GT_7 24107	22.39 1.21 -2.03	21.14 1.14 -1.01	18.73 0.99 0.00	18.31 0.95 0.00	18.66 0.89 0.00	21.83 0.98 0.00	26.66 0.95 0.00	28.71 1.42 0.00	27.13 1.58 -0.05	25.93 1.56 0.00	25.02 1.62 0.01	24.97 1.68 0.01	26.88 1.85 0.01	28.26 2.00 0.00	27.89 2.04 0.01	29.59 2.19 0.00	34.09 2.76 0.01	38.61 2.99 0.01	41.84 3.28 0.00	40.76 3.09 0.00	38.86 2.78 0.00	32.91 1.83 0.00	29.50 1.64 0.00	25.13 1.38 0.00
ASTORIA_GT_8 24108	22.39 1.21 -2.03	21.14 1.14 -1.01	18.73 0.99 0.00	18.31 0.95 0.00	18.66 0.89 0.00	21.83 0.98 0.00	26.66 0.95 0.00	28.71 1.42 0.00	27.13 1.58 -0.05	25.93 1.56 0.00	25.02 1.62 0.01	24.97 1.68 0.01	26.88 1.85 0.01	28.26 2.00 0.00	27.89 2.04 0.01	29.59 2.19 0.00	34.09 2.76 0.01	38.61 2.99 0.01	41.84 3.28 0.00	40.76 3.09 0.00	38.86 2.78 0.00	32.91 1.83 0.00	29.50 1.64 0.00	25.13 1.38 0.00
ASTORIA___2 24149	22.35 1.17 -2.03	21.10 1.10 -1.01	18.69 0.96 0.00	18.28 0.92 0.00	18.64 0.87 0.00	21.79 0.94 0.00	26.60 0.90 0.01	28.64 1.36 0.01	27.07 1.53 -0.04	25.88 1.51 0.01	24.98 1.57 0.01	24.92 1.63 0.01	26.84 1.80 0.01	28.15 1.89 0.01	27.76 1.91 0.01	29.53 2.14 0.01	33.93 2.60 0.01	38.57 2.96 0.01	41.75 3.20 0.01	40.71 3.05 0.01	38.78 2.71 0.01	32.90 1.83 0.01	29.44 1.59 0.00	25.08 1.33 0.00
ASTORIA___3 23516	22.22 1.03 -2.03	21.00 1.01 -1.01	18.62 0.89 0.00	18.23 0.87 0.00	18.59 0.82 0.00	21.75 0.90 0.00	26.69 0.98 0.00	28.73 1.45 0.00	27.13 1.58 -0.05	25.93 1.56 0.00	25.35 1.61 -0.31	25.45 1.65 -0.49	27.13 1.85 -0.24	28.18 1.92 0.00	29.13 1.94 -1.34	29.56 2.16 0.00	36.85 2.66 -2.85	39.79 3.03 -1.14	41.84 3.28 0.00	40.84 3.16 0.00	38.86 2.78 0.00	32.94 1.86 0.00	29.47 1.62 0.00	25.03 1.28 0.00
ASTORIA___4 23517	22.22 1.03 -2.03	21.00 1.01 -1.01	18.62 0.89 0.00	18.23 0.87 0.00	18.59 0.82 0.00	21.75 0.90 0.00	26.69 0.98 0.00	28.74 1.45 0.00	27.13 1.58 -0.05	25.93 1.56 0.00	25.35 1.62 -0.31	25.45 1.65 -0.49	27.13 1.85 -0.24	28.23 1.97 0.00	29.23 2.04 -1.34	29.56 2.16 0.00	36.95 2.76 -2.85	39.76 2.99 -1.14	41.80 3.24 0.00	40.76 3.09 0.00	38.83 2.74 0.00	32.91 1.83 0.00	29.45 1.59 0.00	25.04 1.28 0.00
ASTORIA___5 23518	22.22 1.03 -2.03	21.00 1.01 -1.01	18.62 0.89 0.00	18.23 0.87 0.00	18.59 0.82 0.00	21.75 0.90 0.00	26.69 0.98 0.00	28.73 1.45 0.00	27.13 1.58 -0.05	25.93 1.56 0.00	25.35 1.61 -0.31	25.45 1.65 -0.49	27.13 1.85 -0.24	28.18 1.92 0.00	29.13 1.94 -1.34	29.56 2.16 0.00	36.85 2.66 -2.85	39.79 3.03 -1.14	41.84 3.28 0.00	40.84 3.16 0.00	38.86 2.78 0.00	32.94 1.86 0.00	29.47 1.62 0.00	25.03 1.28 0.00
AST_ENERGY_2_CC3 323677	22.11 0.92 -2.03	20.93 0.93 -1.01	18.57 0.83 0.00	18.16 0.80 0.00	18.55 0.78 0.00	21.71 0.86 0.00	26.66 0.95 0.00	28.68 1.39 0.00	27.03 1.48 -0.05	25.81 1.44 0.00	24.92 1.50 0.00	24.84 1.54 0.00	26.74 1.70 0.00	28.05 1.79 0.00	27.66 1.81 0.00	29.40 2.00 0.00	33.81 2.48 0.00	38.48 2.85 0.00	41.65 3.09 0.00	40.61 2.94 0.00	38.65 2.56 0.00	32.81 1.74 0.00	29.33 1.48 0.00	24.94 1.19 0.00
AST_ENERGY_2_CC4 323678	22.11 0.92 -2.03	20.93 0.93 -1.01	18.57 0.83 0.00	18.16 0.80 0.00	18.55 0.78 0.00	21.71 0.86 0.00	26.66 0.95 0.00	28.68 1.39 0.00	27.03 1.48 -0.05	25.81 1.44 0.00	24.92 1.50 0.00	24.84 1.54 0.00	26.74 1.70 0.00	28.05 1.79 0.00	27.66 1.81 0.00	29.40 2.00 0.00	33.81 2.48 0.00	38.48 2.85 0.00	41.65 3.09 0.00	40.61 2.94 0.00	38.65 2.56 0.00	32.81 1.74 0.00	29.33 1.48 0.00	24.94 1.19 0.00

ATHENS_STG_1 23668	22.04 0.61 -2.27	20.71 0.59 -1.13	18.28 0.55 0.00	17.90 0.54 0.00	18.28 0.52 0.00	21.42 0.56 0.00	26.30 0.59 0.00	28.19 0.90 0.00	26.42 0.92 0.00	25.20 0.83 0.00	24.28 0.87 0.00	24.18 0.89 0.00	26.04 1.00 0.00	27.29 1.02 0.00	26.86 1.01 0.00	28.50 1.10 0.00	32.75 1.41 0.00	37.30 1.67 0.00	40.30 1.74 0.00	39.37 1.70 0.00	37.63 1.55 0.00	32.10 1.02 0.00	28.72 0.86 0.00	24.49 0.74 0.00
ATHENS_STG_2 23670	22.04 0.61 -2.27	20.71 0.59 -1.13	18.28 0.55 0.00	17.90 0.54 0.00	18.28 0.52 0.00	21.42 0.56 0.00	26.30 0.59 0.00	28.19 0.90 0.00	26.42 0.92 0.00	25.20 0.83 0.00	24.28 0.87 0.00	24.18 0.89 0.00	26.04 1.00 0.00	27.29 1.02 0.00	26.86 1.01 0.00	28.50 1.10 0.00	32.75 1.41 0.00	37.30 1.67 0.00	40.30 1.74 0.00	39.37 1.70 0.00	37.63 1.55 0.00	32.10 1.02 0.00	28.72 0.86 0.00	24.49 0.74 0.00
ATHENS_STG_3 23677	22.04 0.61 -2.27	20.71 0.59 -1.13	18.28 0.55 0.00	17.90 0.54 0.00	18.28 0.52 0.00	21.42 0.56 0.00	26.30 0.59 0.00	28.19 0.90 0.00	26.42 0.92 0.00	25.20 0.83 0.00	24.28 0.87 0.00	24.18 0.89 0.00	26.04 1.00 0.00	27.29 1.02 0.00	26.86 1.01 0.00	28.50 1.10 0.00	32.75 1.41 0.00	37.30 1.67 0.00	40.30 1.74 0.00	39.37 1.70 0.00	37.63 1.55 0.00	32.10 1.02 0.00	28.72 0.86 0.00	24.49 0.74 0.00
AUBURN___LFGE 323710	19.10 -0.19 -0.14	18.81 -0.25 -0.07	17.54 -0.20 0.00	17.17 -0.19 0.00	17.59 -0.18 0.00	20.69 -0.17 0.00	25.68 -0.03 0.00	27.15 -0.14 0.00	25.35 -0.15 0.00	24.30 -0.07 0.00	23.30 -0.12 0.00	23.21 -0.09 0.00	24.96 -0.08 0.00	26.18 -0.08 0.00	25.72 -0.13 0.00	27.23 -0.16 0.00	31.31 -0.03 0.00	35.59 -0.04 0.00	38.21 -0.04 0.31	37.63 -0.04 0.00	35.72 -0.07 0.29	30.98 -0.09 0.00	27.80 -0.06 0.00	23.63 -0.12 0.00
BABYLON_RES_REC 323704	22.76 1.38 -2.22	21.31 1.31 -1.01	18.94 1.21 0.00	18.45 1.09 0.00	18.91 1.14 0.00	22.11 1.25 0.00	27.07 1.36 0.00	29.20 1.91 0.00	27.46 1.91 -0.05	26.05 1.68 0.00	25.27 1.85 0.00	26.64 1.98 -1.36	27.17 2.13 0.00	29.56 2.28 -1.02	32.22 2.30 -4.07	34.50 2.52 -4.58	38.03 3.13 -3.56	46.32 3.74 -6.95	45.20 4.05 -2.59	44.48 3.84 -2.96	40.45 3.43 -0.94	36.39 2.45 -2.86	29.96 2.09 -0.01	25.42 1.66 0.00
BABYLON__69_KV_BK2 356345	22.96 1.59 -2.21	21.50 1.50 -1.01	19.14 1.40 0.00	18.63 1.27 0.00	19.08 1.31 0.00	22.36 1.50 0.00	27.30 1.59 0.00	29.44 2.16 0.00	27.69 2.14 -0.05	26.27 1.90 0.00	25.50 2.08 0.00	26.88 2.24 -1.35	27.42 2.38 0.00	29.85 2.57 -1.01	32.55 2.64 -4.06	34.79 2.82 -4.57	38.46 3.57 -3.55	46.70 4.13 -6.94	45.62 4.47 -2.58	44.89 4.26 -2.96	40.88 3.86 -0.93	36.70 2.77 -2.86	30.23 2.37 0.00	25.65 1.90 0.00
BALL_HILL_WT_PWR 323825	17.84 -1.44 -0.12	17.55 -1.50 -0.07	16.44 -1.29 0.00	16.09 -1.27 0.00	16.51 -1.26 0.00	19.33 -1.52 0.00	24.09 -1.62 0.00	25.57 -1.72 0.00	24.04 -1.43 0.03	23.28 -1.10 0.00	22.36 -1.05 0.00	22.20 -1.09 0.00	23.70 -1.30 0.03	24.66 -1.42 0.19	24.48 -1.21 0.16	24.82 -2.22 0.36	28.30 -2.22 0.82	31.87 -2.42 1.33	33.06 -2.74 2.77	33.32 -2.75 1.60	31.22 -2.49 2.37	28.19 -2.08 0.80	26.31 -1.31 0.24	22.83 -0.93 0.00
BARON_WINDS___WT_PWR 323822	18.20 -1.05 -0.10	17.95 -1.10 -0.07	16.79 -0.94 0.00	16.42 -0.94 0.00	16.84 -0.92 0.00	19.75 -1.11 0.00	24.55 -1.16 0.00	26.17 -1.12 0.00	24.48 -0.99 0.02	23.59 -0.78 0.00	22.62 -0.80 0.00	22.46 -0.84 0.00	24.06 -0.95 0.02	25.10 -1.02 0.13	24.86 -0.88 0.11	25.66 -1.48 0.26	29.28 -1.47 0.59	33.09 -1.57 0.96	33.99 -1.70 2.88	34.78 -1.73 1.16	32.02 -1.55 2.51	29.13 -1.37 0.58	26.82 -0.86 0.18	23.11 -0.64 0.00
BARRETT_IC_1 23704	22.57 1.19 -2.22	21.12 1.12 -1.01	18.76 1.03 0.00	18.31 0.95 0.00	18.73 0.96 0.00	21.94 1.08 0.00	26.89 1.18 0.00	28.95 1.66 0.00	27.28 1.73 -0.05	25.91 1.54 0.00	25.10 1.69 0.00	26.45 1.79 -1.36	26.99 1.95 0.00	29.38 2.10 -1.02	32.04 2.12 -4.07	34.25 2.27 -4.58	37.62 2.73 -3.56	45.53 2.96 -6.95	44.35 3.20 -2.59	43.73 3.09 -2.96	39.84 2.82 -0.94	36.02 2.08 -2.86	29.73 1.87 -0.01	25.23 1.47 0.00
BARRETT_IC_10 23701	22.57 1.19 -2.22	21.12 1.12 -1.01	18.76 1.03 0.00	18.31 0.95 0.00	18.73 0.96 0.00	21.94 1.08 0.00	26.89 1.18 0.00	28.95 1.66 0.00	27.28 1.73 -0.05	25.91 1.54 0.00	25.10 1.69 0.00	26.45 1.79 -1.36	26.99 1.95 0.00	29.38 2.10 -1.02	32.04 2.12 -4.07	34.25 2.27 -4.58	37.62 2.73 -3.56	45.53 2.96 -6.95	44.35 3.20 -2.59	43.73 3.09 -2.96	39.84 2.82 -0.94	36.02 2.08 -2.86	29.73 1.87 -0.01	25.23 1.47 0.00
BARRETT_IC_11 23702	22.57 1.19 -2.22	21.12 1.12 -1.01	18.76 1.03 0.00	18.31 0.95 0.00	18.73 0.96 0.00	21.94 1.08 0.00	26.89 1.18 0.00	28.95 1.66 0.00	27.28 1.73 -0.05	25.91 1.54 0.00	25.10 1.69 0.00	26.45 1.79 -1.36	26.99 1.95 0.00	29.38 2.10 -1.02	32.04 2.12 -4.07	34.25 2.27 -4.58	37.62 2.73 -3.56	45.53 2.96 -6.95	44.35 3.20 -2.59	43.73 3.09 -2.96	39.84 2.82 -0.94	36.02 2.08 -2.86	29.73 1.87 -0.01	25.23 1.47 0.00
BARRETT_IC_12 23703	22.57 1.19 -2.22	21.12 1.12 -1.01	18.76 1.03 0.00	18.31 0.95 0.00	18.73 0.96 0.00	21.94 1.08 0.00	26.89 1.18 0.00	28.95 1.66 0.00	27.28 1.73 -0.05	25.91 1.54 0.00	25.10 1.69 0.00	26.45 1.79 -1.36	26.99 1.95 0.00	29.38 2.10 -1.02	32.04 2.12 -4.07	34.25 2.27 -4.58	37.62 2.73 -3.56	45.53 2.96 -6.95	44.35 3.20 -2.59	43.73 3.09 -2.96	39.84 2.82 -0.94	36.02 2.08 -2.86	29.73 1.87 -0.01	25.23 1.47 0.00
BARRETT_IC_2 23705	22.57 1.19 -2.22	21.12 1.12 -1.01	18.76 1.03 0.00	18.31 0.95 0.00	18.73 0.96 0.00	21.94 1.08 0.00	26.89 1.18 0.00	28.95 1.66 0.00	27.28 1.73 -0.05	25.91 1.54 0.00	25.10 1.69 0.00	26.45 1.79 -1.36	26.99 1.95 0.00	29.38 2.10 -1.02	32.04 2.12 -4.07	34.25 2.27 -4.58	37.62 2.73 -3.56	45.53 2.96 -6.95	44.35 3.20 -2.59	43.73 3.09 -2.96	39.84 2.82 -0.94	36.02 2.08 -2.86	29.73 1.87 -0.01	25.23 1.47 0.00
BARRETT_IC_3 23706	22.57 1.19 -2.22	21.12 1.12 -1.01	18.76 1.03 0.00	18.31 0.95 0.00	18.73 0.96 0.00	21.94 1.08 0.00	26.89 1.18 0.00	28.95 1.66 0.00	27.28 1.73 -0.05	25.91 1.54 0.00	25.10 1.69 0.00	26.45 1.79 -1.36	26.99 1.95 0.00	29.38 2.10 -1.02	32.04 2.12 -4.07	34.25 2.27 -4.58	37.62 2.73 -3.56	45.53 2.96 -6.95	44.35 3.20 -2.59	43.73 3.09 -2.96	39.84 2.82 -0.94	36.02 2.08 -2.86	29.73 1.87 -0.01	25.23 1.47 0.00
BARRETT_IC_4 23707	22.57 1.19 -2.22	21.12 1.12 -1.01	18.76 1.03 0.00	18.31 0.95 0.00	18.73 0.96 0.00	21.94 1.08 0.00	26.89 1.18 0.00	28.95 1.66 0.00	27.28 1.73 -0.05	25.91 1.54 0.00	25.10 1.69 0.00	26.45 1.79 -1.36	26.99 1.95 0.00	29.38 2.10 -1.02	32.04 2.12 -4.07	34.25 2.27 -4.58	37.62 2.73 -3.56	45.53 2.96 -6.95	44.35 3.20 -2.59	43.73 3.09 -2.96	39.84 2.82 -0.94	36.02 2.08 -2.86	29.73 1.87 -0.01	25.23 1.47 0.00

BARRETT_IC_5 23708	22.57 1.19 -2.22	21.12 1.12 -1.01	18.76 1.03 0.00	18.31 0.95 0.00	18.73 0.96 0.00	21.94 1.08 0.00	26.89 1.18 0.00	28.95 1.66 0.00	27.28 1.73 -0.05	25.91 1.54 0.00	25.10 1.69 0.00	26.45 1.79 -1.36	26.99 1.95 0.00	29.38 2.10 -1.02	32.04 2.12 -4.07	34.25 2.27 -4.58	37.62 2.73 -3.56	45.53 2.96 -6.95	44.35 3.20 -2.59	43.73 3.09 -2.96	39.84 2.82 -0.94	36.02 2.08 -2.86	29.73 1.87 -0.01	25.23 1.47 0.00
BARRETT_IC_6 23709	22.57 1.19 -2.22	21.12 1.12 -1.01	18.76 1.03 0.00	18.31 0.95 0.00	18.73 0.96 0.00	21.94 1.08 0.00	26.89 1.18 0.00	28.95 1.66 0.00	27.28 1.73 -0.05	25.91 1.54 0.00	25.10 1.69 0.00	26.45 1.79 -1.36	26.99 1.95 0.00	29.38 2.10 -1.02	32.04 2.12 -4.07	34.25 2.27 -4.58	37.62 2.73 -3.56	45.53 2.96 -6.95	44.35 3.20 -2.59	43.73 3.09 -2.96	39.84 2.82 -0.94	36.02 2.08 -2.86	29.73 1.87 -0.01	25.23 1.47 0.00
BARRETT_IC_7 23710	22.56 1.19 -2.21	21.12 1.12 -1.01	18.76 1.03 0.00	18.31 0.95 0.00	18.73 0.96 0.00	21.94 1.08 0.00	26.89 1.18 0.00	28.95 1.66 0.00	27.26 1.71 -0.05	25.91 1.54 0.00	25.10 1.69 0.00	26.44 1.79 -1.35	26.99 1.95 0.00	29.43 2.15 -1.01	32.11 2.20 -4.06	34.27 2.30 -4.57	37.71 2.82 -3.55	45.49 2.92 -6.94	44.31 3.16 -2.58	43.64 3.01 -2.96	39.83 2.81 -0.93	36.01 2.08 -2.86	29.70 1.84 0.00	25.23 1.47 0.00
BARRETT_IC_8 23711	22.57 1.19 -2.22	21.12 1.12 -1.01	18.76 1.03 0.00	18.31 0.95 0.00	18.73 0.96 0.00	21.94 1.08 0.00	26.89 1.18 0.00	28.95 1.66 0.00	27.28 1.73 -0.05	25.91 1.54 0.00	25.10 1.69 0.00	26.45 1.79 -1.36	26.99 1.95 0.00	29.38 2.10 -1.02	32.04 2.12 -4.07	34.25 2.27 -4.58	37.62 2.73 -3.56	45.53 2.96 -6.95	44.35 3.20 -2.59	43.73 3.09 -2.96	39.84 2.82 -0.94	36.02 2.08 -2.86	29.73 1.87 -0.01	25.23 1.47 0.00
BARRETT_IC_9 23700	22.57 1.19 -2.22	21.12 1.12 -1.01	18.76 1.03 0.00	18.31 0.95 0.00	18.73 0.96 0.00	21.94 1.08 0.00	26.89 1.18 0.00	28.95 1.66 0.00	27.28 1.73 -0.05	25.91 1.54 0.00	25.10 1.69 0.00	26.45 1.79 -1.36	26.99 1.95 0.00	29.38 2.10 -1.02	32.04 2.12 -4.07	34.25 2.27 -4.58	37.62 2.73 -3.56	45.53 2.96 -6.95	44.35 3.20 -2.59	43.73 3.09 -2.96	39.84 2.82 -0.94	36.02 2.08 -2.86	29.73 1.87 -0.01	25.23 1.47 0.00
BARRETT___1 23545	22.57 1.19 -2.22	21.12 1.12 -1.01	18.76 1.03 0.00	18.31 0.95 0.00	18.73 0.96 0.00	21.94 1.08 0.00	26.89 1.18 0.00	28.95 1.66 0.00	27.28 1.73 -0.05	25.91 1.54 0.00	25.10 1.69 0.00	26.45 1.79 -1.36	26.99 1.95 0.00	29.38 2.10 -1.02	32.04 2.12 -4.07	34.25 2.27 -4.58	37.62 2.73 -3.56	45.53 2.96 -6.95	44.35 3.20 -2.59	43.73 3.09 -2.96	39.84 2.82 -0.94	36.02 2.08 -2.86	29.73 1.87 -0.01	25.23 1.47 0.00
BARRETT___2 23546	22.57 1.19 -2.22	21.12 1.12 -1.01	18.76 1.03 0.00	18.31 0.95 0.00	18.73 0.96 0.00	21.94 1.08 0.00	26.89 1.18 0.00	28.95 1.66 0.00	27.28 1.73 -0.05	25.91 1.54 0.00	25.10 1.69 0.00	26.45 1.79 -1.36	26.99 1.95 0.00	29.38 2.10 -1.02	32.04 2.12 -4.07	34.25 2.27 -4.58	37.62 2.73 -3.56	45.53 2.96 -6.95	44.35 3.20 -2.59	43.73 3.09 -2.96	39.84 2.82 -0.94	36.02 2.08 -2.86	29.73 1.87 -0.01	25.23 1.47 0.00
BATAVIA__115KV_TB1 55881	18.08 -1.19 -0.11	17.78 -1.27 -0.06	16.62 -1.12 0.00	16.30 -1.06 0.00	16.70 -1.07 0.00	19.67 -1.19 0.00	24.45 -1.26 0.00	26.09 -1.20 0.00	24.47 -0.99 0.04	23.69 -0.68 0.00	22.69 -0.73 0.00	22.53 -0.77 0.00	24.15 -0.85 0.04	24.93 -1.13 0.21	24.39 -1.29 0.18	25.40 -1.59 0.41	29.02 -1.41 0.91	32.64 -1.50 1.49	34.04 -1.81 2.70	34.19 -1.70 1.79	32.01 -1.77 2.31	28.78 -1.40 0.89	26.81 -0.78 0.27	22.97 -0.78 0.00
BAYONEEC___CTG1 323682	22.12 0.94 -2.03	20.91 0.91 -1.01	18.57 0.83 0.00	18.16 0.80 0.00	18.53 0.76 0.00	21.71 0.86 0.00	26.69 0.98 0.00	28.71 1.42 0.00	27.08 1.53 -0.05	25.84 1.46 0.00	24.92 1.50 0.00	24.84 1.54 0.00	26.77 1.73 0.00	28.07 1.81 0.00	27.69 1.84 0.00	29.43 2.03 0.00	29.21 2.51 4.63	36.32 2.85 2.16	41.08 3.09 0.56	40.61 2.94 0.00	37.81 2.60 0.87	32.81 1.74 0.00	29.36 1.50 0.00	24.94 1.19 0.00
BAYONEEC___CTG10 323750	22.12 0.94 -2.03	20.91 0.91 -1.01	18.57 0.83 0.00	18.16 0.80 0.00	18.53 0.76 0.00	21.71 0.86 0.00	26.69 0.98 0.00	28.71 1.42 0.00	27.08 1.53 -0.05	25.84 1.46 0.00	24.92 1.50 0.00	24.84 1.54 0.00	26.77 1.73 0.00	28.07 1.81 0.00	27.69 1.84 0.00	29.43 2.03 0.00	29.21 2.51 4.63	36.32 2.85 2.16	41.08 3.09 0.56	40.61 2.94 0.00	37.81 2.60 0.87	32.81 1.74 0.00	29.36 1.50 0.00	24.94 1.19 0.00
BAYONEEC___CTG2 323683	22.12 0.94 -2.03	20.91 0.91 -1.01	18.57 0.83 0.00	18.16 0.80 0.00	18.53 0.76 0.00	21.71 0.86 0.00	26.69 0.98 0.00	28.71 1.42 0.00	27.08 1.53 -0.05	25.84 1.46 0.00	24.92 1.50 0.00	24.84 1.54 0.00	26.77 1.73 0.00	28.07 1.81 0.00	27.69 1.84 0.00	29.43 2.03 0.00	29.21 2.51 4.63	36.32 2.85 2.16	41.08 3.09 0.56	40.61 2.94 0.00	37.81 2.60 0.87	32.81 1.74 0.00	29.36 1.50 0.00	24.94 1.19 0.00
BAYONEEC___CTG3 323684	22.12 0.94 -2.03	20.91 0.91 -1.01	18.57 0.83 0.00	18.16 0.80 0.00	18.53 0.76 0.00	21.71 0.86 0.00	26.69 0.98 0.00	28.71 1.42 0.00	27.08 1.53 -0.05	25.84 1.46 0.00	24.92 1.50 0.00	24.84 1.54 0.00	26.77 1.73 0.00	28.07 1.81 0.00	27.69 1.84 0.00	29.43 2.03 0.00	29.21 2.51 4.63	36.32 2.85 2.16	41.08 3.09 0.56	40.61 2.94 0.00	37.81 2.60 0.87	32.81 1.74 0.00	29.36 1.50 0.00	24.94 1.19 0.00
BAYONEEC___CTG4 323685	22.12 0.94 -2.03	20.91 0.91 -1.01	18.57 0.83 0.00	18.16 0.80 0.00	18.53 0.76 0.00	21.71 0.86 0.00	26.69 0.98 0.00	28.71 1.42 0.00	27.08 1.53 -0.05	25.84 1.46 0.00	24.92 1.50 0.00	24.84 1.54 0.00	26.77 1.73 0.00	28.07 1.81 0.00	27.69 1.84 0.00	29.43 2.03 0.00	29.21 2.51 4.63	36.32 2.85 2.16	41.08 3.09 0.56	40.61 2.94 0.00	37.81 2.60 0.87	32.81 1.74 0.00	29.36 1.50 0.00	24.94 1.19 0.00
BAYONEEC___CTG5 323686	22.12 0.94 -2.03	20.91 0.91 -1.01	18.57 0.83 0.00	18.16 0.80 0.00	18.53 0.76 0.00	21.71 0.86 0.00	26.69 0.98 0.00	28.71 1.42 0.00	27.08 1.53 -0.05	25.84 1.46 0.00	24.92 1.50 0.00	24.84 1.54 0.00	26.77 1.73 0.00	28.07 1.81 0.00	27.69 1.84 0.00	29.43 2.03 0.00	29.21 2.51 4.63	36.32 2.85 2.16	41.08 3.09 0.56	40.61 2.94 0.00	37.81 2.60 0.87	32.81 1.74 0.00	29.36 1.50 0.00	24.94 1.19 0.00
BAYONEEC___CTG6 323687	22.12 0.94 -2.03	20.91 0.91 -1.01	18.57 0.83 0.00	18.16 0.80 0.00	18.53 0.76 0.00	21.71 0.86 0.00	26.69 0.98 0.00	28.71 1.42 0.00	27.08 1.53 -0.05	25.84 1.46 0.00	24.92 1.50 0.00	24.84 1.54 0.00	26.77 1.73 0.00	28.07 1.81 0.00	27.69 1.84 0.00	29.43 2.03 0.00	29.21 2.51 4.63	36.32 2.85 2.16	41.08 3.09 0.56	40.61 2.94 0.00	37.81 2.60 0.87	32.81 1.74 0.00	29.36 1.50 0.00	24.94 1.19 0.00

BAYONEEC___CTG7 323688	22.12 0.94 -2.03	20.91 0.91 -1.01	18.57 0.83 0.00	18.16 0.80 0.00	18.53 0.76 0.00	21.71 0.86 0.00	26.69 0.98 0.00	28.71 1.42 0.00	27.08 1.53 -0.05	25.84 1.46 0.00	24.92 1.50 0.00	24.84 1.54 0.00	26.77 1.73 0.00	28.07 1.81 0.00	27.69 1.84 0.00	29.43 2.03 0.00	29.21 2.51 4.63	36.32 2.85 2.16	41.08 3.09 0.56	40.61 2.94 0.00	37.81 2.60 0.87	32.81 1.74 0.00	29.36 1.50 0.00	24.94 1.19 0.00
BAYONEEC___CTG8 323689	22.12 0.94 -2.03	20.91 0.91 -1.01	18.57 0.83 0.00	18.16 0.80 0.00	18.53 0.76 0.00	21.71 0.86 0.00	26.69 0.98 0.00	28.71 1.42 0.00	27.08 1.53 -0.05	25.84 1.46 0.00	24.92 1.50 0.00	24.84 1.54 0.00	26.77 1.73 0.00	28.07 1.81 0.00	27.69 1.84 0.00	29.43 2.03 0.00	29.21 2.51 4.63	36.32 2.85 2.16	41.08 3.09 0.56	40.61 2.94 0.00	37.81 2.60 0.87	32.81 1.74 0.00	29.36 1.50 0.00	24.94 1.19 0.00
BAYONEEC___CTG9 323749	22.12 0.94 -2.03	20.91 0.91 -1.01	18.57 0.83 0.00	18.16 0.80 0.00	18.53 0.76 0.00	21.71 0.86 0.00	26.69 0.98 0.00	28.71 1.42 0.00	27.08 1.53 -0.05	25.84 1.46 0.00	24.92 1.50 0.00	24.84 1.54 0.00	26.77 1.73 0.00	28.07 1.81 0.00	27.69 1.84 0.00	29.43 2.03 0.00	29.21 2.51 4.63	36.32 2.85 2.16	41.08 3.09 0.56	40.61 2.94 0.00	37.81 2.60 0.87	32.81 1.74 0.00	29.36 1.50 0.00	24.94 1.19 0.00
BEACON___LESR 323632	22.54 0.82 -2.56	21.08 0.82 -1.28	18.50 0.76 0.00	18.11 0.75 0.00	18.51 0.75 0.00	21.63 0.77 0.00	26.48 0.77 0.00	28.27 0.98 0.00	25.54 1.05 1.01	25.25 0.88 0.00	24.33 0.91 0.00	24.18 0.89 0.00	26.02 0.98 0.00	27.18 0.92 0.00	26.73 0.88 0.00	28.38 0.98 0.00	32.65 1.32 0.00	37.34 1.71 0.00	40.30 1.74 0.00	39.33 1.66 0.00	37.71 1.63 0.00	32.13 1.06 0.00	28.75 0.89 0.00	24.56 0.81 0.00
BEAVER RIVER___HYD 24048	18.65 -0.57 -0.07	18.45 -0.57 -0.03	17.17 -0.57 0.00	16.79 -0.57 0.00	17.24 -0.53 0.00	20.38 -0.48 0.00	25.40 -0.31 0.00	27.02 -0.27 0.00	25.07 -0.43 0.00	23.79 -0.59 0.00	22.71 -0.70 0.00	22.51 -0.79 0.00	24.09 -0.95 0.00	25.29 -0.97 0.00	24.92 -0.93 0.00	26.52 -0.88 0.00	30.31 -1.03 0.00	34.67 -0.96 0.00	37.98 -0.58 0.00	37.26 -0.41 0.00	36.12 0.04 0.00	30.89 -0.19 0.00	27.61 -0.25 0.00	23.49 -0.26 0.00
BEEBEE_GT_13 23619	18.37 -0.90 -0.11	18.08 -0.97 -0.06	16.88 -0.85 0.00	16.56 -0.80 0.00	16.95 -0.82 0.00	19.94 -0.92 0.00	24.76 -0.95 0.00	26.52 -0.76 0.00	24.80 -0.66 0.04	23.96 -0.41 0.00	23.00 -0.42 0.00	22.86 -0.44 0.00	24.55 -0.45 0.04	25.49 -0.55 0.22	24.94 -0.72 0.19	26.06 -0.90 0.44	29.67 -0.69 0.98	33.31 -0.71 1.60	34.98 -0.93 2.66	34.84 -0.90 1.92	32.74 -1.08 2.26	29.34 -0.78 0.96	27.12 -0.45 0.29	23.21 -0.55 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.35 1.17 -2.03	21.12 1.12 -1.01	18.71 0.98 0.00	18.31 0.95 0.00	18.66 0.89 0.00	21.86 1.00 0.00	26.87 1.16 0.00	28.95 1.66 0.00	27.39 1.79 -0.10	31.24 1.78 -5.08	38.58 1.85 -13.31	38.87 1.89 -13.69	39.22 2.08 -12.10	40.07 2.23 -11.58	45.65 2.30 -17.50	39.25 2.44 -9.42	54.57 3.10 -20.13	47.14 3.42 -8.10	42.32 3.70 -0.06	41.43 3.50 -0.25	43.56 3.18 -4.31	42.80 2.18 -9.55	39.23 1.87 -9.51	25.23 1.47 -0.01
BETHLEHEM___GRP 23843	22.35 0.63 -2.56	20.89 0.63 -1.28	18.34 0.60 0.00	17.93 0.57 0.00	18.32 0.55 0.00	21.36 0.50 0.00	26.04 0.33 0.00	27.83 0.55 0.00	25.55 0.61 0.56	24.88 0.51 0.00	23.96 0.54 0.00	23.83 0.54 0.00	25.64 0.60 0.00	26.81 0.55 0.00	26.40 0.54 0.00	27.89 0.49 0.00	32.18 0.85 0.00	36.62 1.00 0.00	39.56 1.00 0.00	38.61 0.94 0.00	36.98 0.90 0.00	31.57 0.50 0.00	28.22 0.36 0.00	24.13 0.38 0.00
BETHLEHEM___GS1 323560	22.35 0.63 -2.56	20.89 0.63 -1.28	18.34 0.60 0.00	17.93 0.57 0.00	18.32 0.55 0.00	21.35 0.50 0.00	26.04 0.33 0.00	27.83 0.55 0.00	25.58 0.64 0.56	24.89 0.51 0.00	23.96 0.54 0.00	23.83 0.54 0.00	25.64 0.60 0.00	26.79 0.53 0.00	26.32 0.47 0.00	27.95 0.55 0.00	32.09 0.75 0.00	36.59 0.96 0.00	39.53 0.96 0.00	38.61 0.94 0.00	36.99 0.90 0.00	31.54 0.47 0.00	28.22 0.36 0.00	24.13 0.38 0.00
BETHLEHEM___GS2 323561	22.35 0.63 -2.56	20.89 0.63 -1.28	18.34 0.60 0.00	17.93 0.57 0.00	18.32 0.55 0.00	21.35 0.50 0.00	26.04 0.33 0.00	27.83 0.55 0.00	25.58 0.64 0.56	24.89 0.51 0.00	23.96 0.54 0.00	23.83 0.54 0.00	25.64 0.60 0.00	26.79 0.53 0.00	26.32 0.47 0.00	27.95 0.55 0.00	32.09 0.75 0.00	36.59 0.96 0.00	39.53 0.96 0.00	38.61 0.94 0.00	36.99 0.90 0.00	31.54 0.47 0.00	28.22 0.36 0.00	24.13 0.38 0.00
BETHLEHEM___GS3 323562	22.35 0.63 -2.56	20.89 0.63 -1.28	18.34 0.60 0.00	17.93 0.57 0.00	18.32 0.55 0.00	21.35 0.50 0.00	26.04 0.33 0.00	27.83 0.55 0.00	25.58 0.64 0.56	24.89 0.51 0.00	23.96 0.54 0.00	23.83 0.54 0.00	25.64 0.60 0.00	26.79 0.53 0.00	26.32 0.47 0.00	27.95 0.55 0.00	32.09 0.75 0.00	36.59 0.96 0.00	39.53 0.96 0.00	38.61 0.94 0.00	36.99 0.90 0.00	31.54 0.47 0.00	28.22 0.36 0.00	24.13 0.38 0.00
BETHLEHEM___STEEL 23779	17.78 -1.49 -0.12	17.50 -1.56 -0.07	16.39 -1.35 0.00	16.06 -1.30 0.00	16.45 -1.31 0.00	19.27 -1.58 0.00	24.01 -1.70 0.00	25.46 -1.83 0.00	23.99 -1.48 0.03	23.20 -1.17 0.00	22.29 -1.12 0.00	22.13 -1.16 0.00	23.68 -1.33 0.03	24.24 -1.84 0.19	23.76 -1.94 0.16	24.73 -2.30 0.37	28.29 -2.23 0.83	31.71 -2.57 1.36	32.71 -3.08 2.77	33.15 -2.90 1.63	31.04 -2.67 2.37	28.00 -2.27 0.81	26.13 -1.48 0.25	22.73 -1.02 0.00
BETHLHEM_115KV_TB1 79974	22.33 0.61 -2.56	20.87 0.61 -1.28	18.32 0.59 0.00	17.93 0.57 0.00	18.32 0.55 0.00	21.36 0.50 0.00	26.10 0.39 0.00	27.89 0.60 0.00	25.65 0.66 0.52	24.93 0.56 0.00	24.00 0.59 0.00	23.88 0.58 0.00	25.69 0.65 0.00	26.89 0.63 0.00	26.47 0.62 0.00	27.97 0.58 0.00	32.25 0.91 0.00	36.69 1.07 0.00	39.64 1.08 0.00	38.73 1.05 0.00	37.06 0.97 0.00	31.63 0.56 0.00	28.30 0.45 0.00	24.18 0.43 0.00
BETHPAGE_CC_5 323564	22.72 1.34 -2.22	21.27 1.27 -1.01	18.92 1.19 0.00	18.44 1.08 0.00	18.87 1.10 0.00	22.08 1.23 0.00	27.05 1.34 0.00	29.17 1.88 0.00	27.46 1.91 -0.05	26.05 1.68 0.00	25.29 1.87 0.00	26.64 1.98 -1.36	27.17 2.13 0.00	29.56 2.28 -1.02	32.22 2.30 -4.07	34.47 2.49 -4.58	37.97 3.07 -3.56	46.17 3.60 -6.95	45.01 3.86 -2.59	44.33 3.69 -2.96	40.34 3.32 -0.94	36.30 2.36 -2.86	29.90 2.03 -0.01	25.39 1.64 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	17.80 -1.48 -0.12	17.52 -1.54 -0.07	16.42 -1.31 0.00	16.07 -1.28 0.00	16.49 -1.28 0.00	19.29 -1.56 0.00	24.06 -1.65 0.00	25.49 -1.80 0.00	24.02 -1.45 0.03	23.25 -1.12 0.00	22.32 -1.10 0.00	22.16 -1.14 0.00	23.71 -1.30 0.03	24.24 -1.84 0.19	23.76 -1.94 0.16	24.70 -2.33 0.36	28.29 -2.23 0.82	31.72 -2.57 1.34	32.71 -3.08 2.77	33.16 -2.90 1.61	31.11 -2.60 2.38	27.97 -2.30 0.80	26.11 -1.50 0.24	22.76 -1.00 0.00

BINGHAMTON___COGEN 23790	19.50 -0.19 -0.53	19.05 -0.21 -0.27	17.56 -0.18 0.00	17.19 -0.17 0.00	17.61 -0.16 0.00	20.65 -0.21 0.00	25.58 -0.13 0.00	27.23 -0.05 0.00	25.44 -0.05 0.01	24.37 0.00 0.00	23.39 -0.02 0.00	23.28 -0.02 0.00	25.00 -0.03 0.01	26.10 -0.11 0.06	25.73 -0.08 0.05	27.15 -0.14 0.11	31.15 0.06 0.25	35.25 0.04 0.41	37.63 -0.04 0.90	37.18 0.00 0.49	35.50 0.04 0.62	30.67 -0.16 0.25	27.75 -0.03 0.08	23.75 0.00 0.00
BIXINCNT_115KV_LOAD 355685	17.66 -1.61 -0.11	17.38 -1.67 -0.07	16.37 -1.37 0.00	16.02 -1.34 0.00	16.44 -1.33 0.00	19.27 -1.58 0.00	24.04 -1.67 0.00	25.49 -1.80 0.00	23.99 -1.48 0.03	23.28 -1.10 0.00	22.34 -1.08 0.00	22.13 -1.16 0.00	23.68 -1.33 0.03	24.12 -1.97 0.18	23.61 -2.09 0.15	24.53 -2.52 0.34	28.12 -2.44 0.78	31.61 -2.74 1.27	32.59 -3.16 2.81	33.18 -2.98 1.52	31.18 -2.49 2.42	27.92 -2.39 0.76	26.01 -1.62 0.23	22.80 -0.95 0.00
BLACK RIVER___HYD 24047	18.85 -0.40 -0.09	18.61 -0.42 -0.05	17.33 -0.41 0.00	16.94 -0.42 0.00	17.39 -0.37 0.00	20.56 -0.29 0.00	25.68 -0.03 0.00	27.32 0.03 0.00	25.33 -0.18 -0.01	24.03 -0.34 0.00	22.97 -0.45 0.00	22.79 -0.51 0.00	24.35 -0.70 -0.01	25.60 -0.71 -0.04	25.22 -0.67 -0.04	26.88 -0.60 -0.08	30.83 -0.69 -0.18	35.39 -0.53 -0.30	38.79 -0.15 -0.38	37.99 -0.04 -0.36	36.76 0.36 -0.31	31.32 0.06 -0.18	27.83 -0.08 -0.05	23.61 -0.14 0.00
BLACKRVR_115KV_TB2 79977	18.85 -0.40 -0.09	18.61 -0.42 -0.05	17.33 -0.41 0.00	16.94 -0.42 0.00	17.40 -0.37 0.00	20.56 -0.29 0.00	25.68 -0.03 0.00	27.32 0.03 0.00	25.33 -0.18 -0.01	24.03 -0.34 0.00	22.97 -0.44 0.00	22.79 -0.51 0.00	24.35 -0.70 -0.01	25.60 -0.71 -0.04	25.19 -0.70 -0.04	26.88 -0.60 -0.08	30.83 -0.69 -0.18	35.39 -0.53 -0.30	38.79 -0.15 -0.38	37.99 -0.04 -0.36	36.72 0.32 -0.31	31.28 0.03 -0.18	27.83 -0.08 -0.05	23.61 -0.14 0.00
BLISS_WT_PWR 323608	17.60 -1.67 -0.11	17.30 -1.75 -0.07	16.31 -1.42 0.00	15.99 -1.37 0.00	16.38 -1.39 0.00	19.21 -1.65 0.00	23.96 -1.75 0.00	25.41 -1.88 0.00	23.89 -1.58 0.03	23.23 -1.15 0.00	22.32 -1.10 0.00	22.09 -1.21 0.00	23.63 -1.38 0.03	24.51 -1.58 0.18	24.31 -1.40 0.15	24.45 -2.60 0.34	27.96 -2.60 0.78	31.58 -2.78 1.27	32.78 -2.97 2.81	33.14 -3.02 1.52	31.07 -2.60 2.42	27.95 -2.36 0.76	26.04 -1.59 0.23	22.78 -0.97 0.00
BLUESTONE___WT_PWR 323821	20.69 0.75 -0.79	20.09 0.72 -0.39	18.39 0.66 0.00	17.97 0.61 0.00	18.44 0.68 0.00	21.73 0.88 0.00	27.12 1.41 0.00	28.95 1.66 0.00	26.84 1.35 0.01	25.62 1.24 0.00	24.45 1.03 0.00	24.35 1.05 0.00	26.16 1.13 0.01	27.45 1.23 0.05	27.13 1.32 0.04	28.70 1.40 0.09	32.88 1.75 0.21	37.53 2.25 0.34	41.47 2.58 -0.33	39.71 2.45 0.41	39.08 2.56 -0.43	32.67 1.80 0.21	29.35 1.56 0.06	25.01 1.26 0.00
BLUE_CIRC_CHEM_DRP 24182	22.39 0.71 -2.52	20.94 0.70 -1.26	18.41 0.67 0.00	18.00 0.64 0.00	18.41 0.64 0.00	21.52 0.67 0.00	26.38 0.67 0.00	28.16 0.87 0.00	25.81 0.84 0.53	25.06 0.68 0.00	24.07 0.66 0.00	23.93 0.63 0.00	25.77 0.73 0.00	27.00 0.74 0.00	26.60 0.75 0.00	28.14 0.74 0.00	32.47 1.13 0.00	37.01 1.39 0.00	40.03 1.47 0.00	39.10 1.43 0.00	37.49 1.41 0.00	32.04 0.96 0.00	28.67 0.81 0.00	24.49 0.74 0.00
BOC_GAS_DRP 24189	22.25 0.54 -2.56	20.79 0.53 -1.28	18.23 0.50 0.00	17.85 0.49 0.00	18.25 0.48 0.00	21.33 0.48 0.00	26.17 0.46 0.00	28.00 0.71 0.00	25.96 0.74 0.28	25.01 0.63 0.00	24.07 0.66 0.00	23.97 0.68 0.00	25.79 0.75 0.00	27.05 0.79 0.00	26.63 0.78 0.00	28.17 0.77 0.00	32.44 1.10 0.00	36.87 1.25 0.00	39.87 1.31 0.00	38.91 1.24 0.00	37.24 1.15 0.00	31.82 0.75 0.00	28.47 0.61 0.00	24.30 0.55 0.00
BOONVILLE_115KV_TB1 79983	19.31 0.10 -0.06	19.11 0.09 -0.03	17.79 0.05 0.00	17.39 0.03 0.00	17.86 0.09 0.00	21.02 0.17 0.00	26.12 0.41 0.00	27.75 0.46 0.00	25.81 0.31 0.00	24.59 0.22 0.00	23.51 0.09 0.00	23.35 0.05 0.00	25.07 0.03 0.00	26.32 0.05 0.00	25.91 0.05 0.00	27.53 0.14 0.00	31.53 0.19 0.00	35.98 0.36 0.00	39.22 0.66 0.00	38.35 0.68 0.00	37.02 0.94 0.00	31.67 0.59 0.00	28.30 0.45 0.00	24.11 0.36 0.00
BORALEX_4TH_BRANCH 23824	22.83 1.13 -2.55	21.36 1.10 -1.27	18.76 1.03 0.00	18.35 0.99 0.00	18.76 1.00 0.00	22.00 1.15 0.00	27.05 1.34 0.00	28.98 1.69 0.00	27.94 1.84 -0.60	26.01 1.63 0.00	25.06 1.64 0.00	24.93 1.63 0.00	26.74 1.70 0.00	28.02 1.76 0.00	27.48 1.63 0.00	28.99 1.59 0.00	33.60 2.26 0.00	38.23 2.60 0.00	41.34 2.78 0.00	40.35 2.67 0.00	38.57 2.49 0.00	32.88 1.80 0.00	29.39 1.53 0.00	25.13 1.38 0.00
BOWLINE___1 23526	21.82 0.75 -1.92	20.66 0.72 -0.96	18.43 0.69 0.00	18.00 0.64 0.00	18.39 0.62 0.00	21.52 0.67 0.00	26.43 0.72 0.00	28.41 1.12 0.00	26.72 1.17 -0.04	25.47 1.10 0.00	24.56 1.15 0.00	24.46 1.16 0.00	26.34 1.30 0.00	27.65 1.39 0.00	27.27 1.42 0.00	28.99 1.59 0.00	33.35 2.01 0.00	37.94 2.31 0.00	41.03 2.47 0.00	40.08 2.41 0.00	38.17 2.09 0.00	32.44 1.37 0.00	29.00 1.14 0.00	24.66 0.90 0.00
BOWLINE___2 23595	21.82 0.75 -1.92	20.66 0.72 -0.96	18.43 0.69 0.00	18.00 0.64 0.00	18.39 0.62 0.00	21.52 0.67 0.00	26.43 0.72 0.00	28.41 1.12 0.00	26.72 1.17 -0.04	25.47 1.10 0.00	24.56 1.15 0.00	24.46 1.16 0.00	26.34 1.30 0.00	27.65 1.39 0.00	27.27 1.42 0.00	28.99 1.59 0.00	33.35 2.01 0.00	37.94 2.31 0.00	41.03 2.47 0.00	40.08 2.41 0.00	38.17 2.09 0.00	32.44 1.37 0.00	29.00 1.14 0.00	24.66 0.90 0.00
BRADY___115KV_TB2 356060	18.79 -0.36 0.00	18.72 -0.27 0.00	17.43 -0.30 0.00	17.08 -0.28 0.00	17.52 -0.25 0.00	20.67 -0.19 0.00	25.58 -0.13 0.00	27.04 -0.25 0.00	25.12 -0.38 0.00	23.93 -0.44 0.00	22.90 -0.52 0.00	22.69 -0.61 0.00	24.31 -0.73 0.00	25.53 -0.74 0.00	25.10 -0.75 0.00	26.69 -0.71 0.00	30.24 -1.10 0.00	34.56 -1.07 0.00	37.75 -0.81 0.00	36.99 -0.68 0.00	35.65 -0.43 0.00	30.83 -0.25 0.00	27.61 -0.25 0.00	23.59 -0.17 0.00
BRANSCOMB___SOLAR 323811	22.86 1.07 -2.63	21.36 1.06 -1.31	18.71 0.97 0.00	18.30 0.94 0.00	18.73 0.96 0.00	22.02 1.17 0.00	27.12 1.41 0.00	28.95 1.66 0.00	27.70 1.73 -0.46	25.88 1.51 0.00	24.80 1.38 0.00	24.63 1.33 0.00	26.44 1.40 0.00	27.65 1.39 0.00	27.17 1.32 0.00	28.60 1.20 0.00	32.94 1.60 0.00	37.73 2.10 0.00	40.91 2.35 0.00	39.97 2.30 0.00	38.39 2.31 0.00	32.72 1.65 0.00	29.28 1.42 0.00	25.20 1.45 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	22.90 1.53 -2.21	21.46 1.46 -1.01	19.10 1.37 0.00	18.59 1.23 0.00	19.05 1.28 0.00	22.29 1.44 0.00	27.20 1.49 0.00	29.34 2.05 0.00	27.59 2.04 -0.05	26.18 1.80 0.00	25.41 1.99 0.00	26.77 2.12 -1.35	27.27 2.23 0.00	29.72 2.44 -1.01	32.37 2.46 -4.06	34.60 2.63 -4.57	38.18 3.29 -3.55	46.38 3.81 -6.94	45.31 4.16 -2.58	44.58 3.96 -2.96	40.59 3.57 -0.93	36.45 2.52 -2.86	30.06 2.20 0.00	25.53 1.78 0.00

BRISTLHL_115KV_TB1 79998	18.99 -0.31 -0.14	18.73 -0.32 -0.07	17.43 -0.30 0.00	17.06 -0.30 0.00	17.48 -0.28 0.00	20.54 -0.31 0.00	25.43 -0.28 0.00	26.83 -0.46 0.00	25.07 -0.46 -0.03	23.96 -0.41 0.00	23.00 -0.42 0.00	22.90 -0.40 0.00	24.64 -0.43 -0.03	25.98 -0.45 -0.16	25.52 -0.47 -0.13	27.22 -0.49 -0.31	31.57 -0.47 -0.70	36.24 -0.53 -1.15	39.50 -0.54 -1.47	38.52 -0.53 -1.37	36.75 -0.54 -1.21	31.23 -0.53 -0.69	27.62 -0.45 -0.21	23.33 -0.43 0.00
BROOKHAVEN___DRP 24191	22.71 1.34 -2.21	21.27 1.27 -1.01	18.90 1.17 0.00	18.40 1.04 0.00	18.85 1.08 0.00	22.11 1.25 0.00	26.79 1.08 0.00	28.84 1.56 0.00	27.15 1.61 -0.05	25.74 1.36 0.00	24.99 1.57 0.00	26.35 1.70 -1.35	26.77 1.73 0.00	29.19 1.92 -1.01	31.91 1.99 -4.06	34.16 2.19 -4.57	37.74 2.85 -3.55	45.96 3.38 -6.95	44.81 3.66 -2.58	44.09 3.47 -2.96	40.05 3.03 -0.93	35.95 2.02 -2.86	29.50 1.64 0.00	25.11 1.35 0.00
BROOKLYN_NAVY_YARD 23515	22.12 0.94 -2.03	20.93 0.93 -1.01	18.57 0.83 0.00	18.16 0.80 0.00	18.53 0.76 0.00	21.71 0.86 0.00	26.71 1.00 0.00	28.73 1.45 0.00	27.10 1.56 -0.05	25.86 1.49 0.00	24.96 1.55 0.00	24.88 1.59 0.00	26.79 1.75 0.00	28.10 1.84 0.00	27.72 1.86 0.00	29.48 2.08 0.00	33.91 2.57 0.00	38.55 2.92 0.00	41.72 3.16 0.00	40.72 3.05 0.00	38.75 2.67 0.00	32.91 1.83 0.00	29.42 1.56 0.00	24.96 1.21 0.00
BROOKLYN___ARMY_DRP 323595	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.26 0.90 0.00	18.60 0.84 0.00	21.77 0.92 0.00	26.76 1.05 0.00	28.84 1.56 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.76 1.77 -13.69	39.12 1.98 -12.10	39.94 2.10 -11.58	45.52 2.17 -17.50	39.12 2.30 -9.42	54.41 2.95 -20.13	46.96 3.24 -8.10	42.13 3.51 -0.06	41.24 3.32 -0.25	43.38 2.99 -4.31	42.64 2.02 -9.55	39.09 1.73 -9.51	25.14 1.38 -0.01
BROOKVLE_69_KV_TB1 55790	22.69 1.32 -2.21	21.27 1.27 -1.01	18.90 1.17 0.00	18.44 1.08 0.00	18.87 1.10 0.00	22.11 1.25 0.00	27.07 1.36 0.00	29.20 1.91 0.00	27.49 1.94 -0.05	26.13 1.75 0.00	25.34 1.92 0.00	26.70 2.05 -1.35	27.27 2.23 0.00	29.72 2.44 -1.01	32.40 2.48 -4.06	34.60 2.63 -4.57	38.21 3.32 -3.55	46.17 3.60 -6.94	45.04 3.89 -2.58	44.43 3.80 -2.96	40.48 3.46 -0.93	36.42 2.49 -2.86	29.97 2.12 0.00	25.46 1.71 0.00
BROOME_2_LFGE 323671	19.50 -0.19 -0.53	19.05 -0.21 -0.27	17.56 -0.18 0.00	17.19 -0.17 0.00	17.61 -0.16 0.00	20.65 -0.21 0.00	25.58 -0.13 0.00	27.23 -0.05 0.00	25.44 -0.05 0.01	24.37 0.00 0.00	23.39 -0.02 0.00	23.28 -0.02 0.00	25.00 -0.03 0.01	26.18 -0.03 0.06	25.86 0.05 0.05	27.15 -0.14 0.11	31.09 0.00 0.25	35.25 0.04 0.41	37.70 0.04 0.90	37.18 0.00 0.49	35.50 0.04 0.62	30.70 -0.12 0.25	27.75 -0.03 0.08	23.73 -0.02 0.00
BROOME___LFGE 323600	19.50 -0.19 -0.53	19.05 -0.21 -0.27	17.56 -0.18 0.00	17.19 -0.17 0.00	17.61 -0.16 0.00	20.65 -0.21 0.00	25.58 -0.13 0.00	27.23 -0.05 0.00	25.44 -0.05 0.01	24.37 0.00 0.00	23.39 -0.02 0.00	23.28 -0.02 0.00	25.00 -0.03 0.01	26.18 -0.03 0.06	25.86 0.05 0.05	27.15 -0.14 0.11	31.09 0.00 0.25	35.25 0.04 0.41	37.70 0.04 0.90	37.18 0.00 0.49	35.50 0.04 0.62	30.70 -0.12 0.25	27.75 -0.03 0.08	23.73 -0.02 0.00
BROWNFLS_115KV_TB_3_5 80003	18.40 -0.80 -0.05	18.23 -0.78 -0.02	16.97 -0.76 0.00	16.61 -0.75 0.00	17.06 -0.71 0.00	20.15 -0.71 0.00	25.04 -0.67 0.00	26.61 -0.68 0.00	24.69 -0.82 0.00	23.47 -0.90 0.00	22.43 -0.98 0.00	22.20 -1.10 0.00	23.79 -1.25 0.00	24.98 -1.29 0.00	24.59 -1.27 0.00	26.14 -1.26 0.00	29.77 -1.57 0.00	34.06 -1.57 0.00	37.29 -1.27 0.00	36.58 -1.09 0.00	35.40 -0.69 0.00	30.39 -0.68 0.00	27.19 -0.67 0.00	23.18 -0.57 0.00
BROWNSV1_27_KV_LOAD 356125	22.28 1.09 -2.03	21.06 1.06 -1.01	18.69 0.96 0.00	18.28 0.92 0.00	18.66 0.89 0.00	21.86 1.00 0.00	26.89 1.18 0.00	28.95 1.66 0.00	27.28 1.73 -0.05	26.03 1.66 0.00	25.13 1.71 0.00	25.05 1.75 0.00	26.99 1.95 0.00	28.36 2.10 0.00	28.00 2.15 0.00	29.70 2.30 0.00	34.28 2.95 0.00	38.83 3.21 0.00	42.03 3.47 0.00	40.95 3.28 0.00	39.04 2.96 0.00	33.13 2.05 0.00	29.61 1.76 0.00	25.15 1.40 0.00
BURROWS___LYONSDAL 23803	19.18 -0.04 -0.06	18.96 -0.06 -0.03	17.66 -0.07 0.00	17.27 -0.09 0.00	17.72 -0.05 0.00	20.90 0.04 0.00	25.97 0.26 0.00	27.62 0.33 0.00	25.65 0.15 0.00	24.40 0.02 0.00	23.32 -0.09 0.00	23.14 -0.16 0.00	24.84 -0.20 0.00	26.08 -0.18 0.00	25.67 -0.18 0.00	27.29 -0.11 0.00	31.24 -0.09 0.00	35.70 0.07 0.00	38.95 0.39 0.00	38.12 0.45 0.00	36.88 0.79 0.00	31.54 0.47 0.00	28.16 0.31 0.00	23.99 0.24 0.00
CAITHNESS_CC_1 323624	22.72 1.34 -2.22	21.27 1.27 -1.01	18.89 1.15 0.00	18.40 1.04 0.00	18.83 1.07 0.00	22.06 1.21 0.00	26.79 1.08 0.00	28.87 1.58 0.00	27.18 1.63 -0.05	25.76 1.39 0.00	25.01 1.59 0.00	26.38 1.72 -1.36	26.77 1.73 0.00	29.17 1.89 -1.02	31.84 1.91 -4.07	34.14 2.16 -4.58	37.62 2.73 -3.56	45.99 3.42 -6.94	44.85 3.70 -2.59	44.10 3.46 -2.96	40.06 3.03 -0.94	35.96 2.02 -2.86	29.54 1.67 -0.01	25.08 1.33 0.00
CALPINE BETH_PAGE_GT4 24209	22.69 1.32 -2.21	21.27 1.27 -1.01	18.90 1.17 0.00	18.44 1.08 0.00	18.87 1.10 0.00	22.11 1.25 0.00	27.05 1.34 0.00	29.17 1.88 0.00	27.44 1.89 -0.05	26.08 1.71 0.00	25.29 1.87 0.00	26.63 1.98 -1.35	27.19 2.15 0.00	29.61 2.34 -1.01	32.32 2.40 -4.06	34.44 2.47 -4.57	38.02 3.13 -3.55	46.06 3.49 -6.94	44.92 3.78 -2.58	44.21 3.58 -2.96	40.26 3.25 -0.93	36.23 2.30 -2.86	29.84 1.98 0.00	25.42 1.66 0.00
CALPINE_BETH_PAGE_GT_4 323586	22.70 1.32 -2.22	21.27 1.27 -1.01	18.90 1.17 0.00	18.44 1.08 0.00	18.87 1.10 0.00	22.08 1.23 0.00	27.05 1.34 0.00	29.17 1.88 0.00	27.46 1.91 -0.05	26.08 1.71 0.00	25.29 1.87 0.00	26.64 1.98 -1.36	27.19 2.15 0.00	29.59 2.31 -1.02	32.25 2.33 -4.07	34.44 2.47 -4.58	37.94 3.04 -3.56	46.11 3.53 -6.95	44.93 3.78 -2.59	44.29 3.65 -2.96	40.27 3.25 -0.94	36.27 2.33 -2.86	29.87 2.01 -0.01	25.39 1.64 0.00
CALPINE_BP_GT1 23823	22.70 1.32 -2.22	21.27 1.27 -1.01	18.90 1.17 0.00	18.44 1.08 0.00	18.87 1.10 0.00	22.08 1.23 0.00	27.05 1.34 0.00	29.17 1.88 0.00	27.46 1.91 -0.05	26.08 1.71 0.00	25.29 1.87 0.00	26.64 1.98 -1.36	27.19 2.15 0.00	29.59 2.31 -1.02	32.25 2.33 -4.07	34.44 2.47 -4.58	37.94 3.04 -3.56	46.11 3.53 -6.95	44.93 3.78 -2.59	44.29 3.65 -2.96	40.27 3.25 -0.94	36.27 2.33 -2.86	29.87 2.01 -0.01	25.39 1.64 0.00
CALSPAN___DRP 24200	17.78 -1.49 -0.12	17.50 -1.56 -0.07	16.39 -1.35 0.00	16.06 -1.30 0.00	16.45 -1.31 0.00	19.27 -1.58 0.00	24.01 -1.70 0.00	25.46 -1.83 0.00	23.99 -1.48 0.03	23.20 -1.17 0.00	22.29 -1.12 0.00	22.13 -1.16 0.00	23.68 -1.33 0.03	24.24 -1.84 0.19	23.76 -1.94 0.16	24.73 -2.30 0.37	28.29 -2.23 0.83	31.71 -2.57 1.36	32.71 -3.08 2.77	33.15 -2.90 1.63	31.04 -2.67 2.37	28.00 -2.27 0.81	26.13 -1.48 0.25	22.73 -1.02 0.00

CALVERTON___SOLAR 323806	22.76 1.38 -2.22	21.31 1.31 -1.01	18.92 1.19 0.00	18.44 1.08 0.00	18.87 1.10 0.00	22.13 1.27 0.00	26.84 1.13 0.00	28.87 1.58 0.00	27.18 1.63 -0.05	25.74 1.36 0.00	25.01 1.59 0.00	26.38 1.72 -1.36	26.77 1.73 0.00	29.17 1.89 -1.02	31.86 1.94 -4.07	34.20 2.22 -4.58	37.72 2.82 -3.56	46.15 3.56 -6.96	45.01 3.86 -2.59	44.25 3.62 -2.96	40.16 3.14 -0.94	36.02 2.08 -2.86	29.54 1.67 -0.01	25.08 1.33 0.00
CANDIGU_WT_PWR 323617	18.20 -1.05 -0.10	17.95 -1.10 -0.07	16.79 -0.94 0.00	16.42 -0.94 0.00	16.84 -0.92 0.00	19.75 -1.11 0.00	24.55 -1.16 0.00	26.17 -1.12 0.00	24.48 -0.99 0.02	23.59 -0.78 0.00	22.62 -0.80 0.00	22.46 -0.84 0.00	24.06 -0.95 0.02	25.10 -1.02 0.13	24.86 -0.88 0.11	25.66 -1.48 0.26	29.28 -1.47 0.59	33.09 -1.57 0.96	33.99 -1.70 2.88	34.78 -1.73 1.16	32.02 -1.55 2.51	29.13 -1.37 0.58	26.82 -0.86 0.18	23.11 -0.64 0.00
CARR STREET_E_SYR 24060	19.11 -0.21 -0.17	18.82 -0.25 -0.08	17.52 -0.21 0.00	17.15 -0.21 0.00	17.56 -0.21 0.00	20.63 -0.23 0.00	25.56 -0.15 0.00	26.99 -0.30 0.00	25.18 -0.30 0.02	24.13 -0.24 0.00	23.16 -0.26 0.00	23.07 -0.23 0.00	24.77 -0.25 0.02	25.93 -0.24 0.09	25.57 -0.21 0.08	26.89 -0.33 0.18	30.65 -0.28 0.41	34.67 -0.29 0.67	37.39 -0.31 0.86	36.53 -0.34 0.80	35.06 -0.33 0.70	30.34 -0.34 0.40	27.46 -0.28 0.12	23.47 -0.28 0.00
CARTHAGE___PAPER 23857	18.70 -0.54 -0.08	18.50 -0.53 -0.04	17.20 -0.53 0.00	16.82 -0.54 0.00	17.27 -0.50 0.00	20.44 -0.42 0.00	25.48 -0.23 0.00	27.13 -0.16 0.00	25.14 -0.36 0.00	23.86 -0.51 0.00	22.81 -0.61 0.00	22.60 -0.70 0.00	24.16 -0.88 0.00	25.34 -0.92 0.00	24.97 -0.88 0.00	26.58 -0.82 0.00	30.40 -0.94 0.00	34.81 -0.82 0.00	38.14 -0.42 0.00	37.41 -0.26 0.00	36.23 0.14 0.00	30.98 -0.09 0.00	27.66 -0.19 0.00	23.52 -0.24 0.00
CASSADAGA_WT_PWR 323784	17.91 -1.36 -0.11	17.61 -1.44 -0.07	16.46 -1.28 0.00	16.13 -1.23 0.00	16.58 -1.19 0.00	19.44 -1.42 0.00	24.30 -1.41 0.00	25.90 -1.39 0.00	24.27 -1.20 0.03	23.50 -0.88 0.00	22.50 -0.91 0.00	22.23 -1.07 0.00	23.61 -1.40 0.03	24.46 -1.63 0.18	24.20 -1.50 0.15	24.50 -2.55 0.35	27.92 -2.63 0.78	31.49 -2.85 1.28	32.85 -2.89 2.82	33.46 -2.67 1.54	31.43 -2.24 2.42	28.60 -1.71 0.77	26.62 -1.00 0.23	23.28 -0.47 0.00
CE_DUNWOOD___DRP 24194	22.10 0.92 -2.02	20.89 0.89 -1.01	18.55 0.82 0.00	18.14 0.78 0.00	18.53 0.76 0.00	21.69 0.83 0.00	26.66 0.95 0.00	28.65 1.36 0.00	26.98 1.43 -0.05	25.71 1.34 0.00	24.82 1.41 0.00	24.74 1.44 0.00	26.64 1.60 0.00	28.00 1.73 0.00	27.64 1.78 0.00	29.29 1.89 0.00	33.78 2.44 0.00	38.30 2.67 0.00	41.45 2.89 0.00	40.42 2.75 0.00	38.57 2.49 0.00	32.75 1.68 0.00	29.28 1.42 0.00	24.89 1.14 0.00
CE_MILLWOOD___DRP 24193	21.99 0.84 -1.99	20.79 0.82 -0.99	18.50 0.76 0.00	18.09 0.73 0.00	18.48 0.71 0.00	21.63 0.77 0.00	26.56 0.85 0.00	28.54 1.26 0.00	26.87 1.33 -0.04	25.62 1.24 0.00	24.70 1.29 0.00	24.63 1.33 0.00	26.52 1.48 0.00	27.87 1.60 0.00	27.51 1.65 0.00	29.15 1.75 0.00	33.63 2.29 0.00	38.12 2.49 0.00	41.26 2.70 0.00	40.27 2.60 0.00	38.39 2.31 0.00	32.63 1.55 0.00	29.17 1.31 0.00	24.80 1.05 0.00
CE_NYC2_DRP 24202	22.22 1.03 -2.03	21.00 1.01 -1.01	18.64 0.90 0.00	18.23 0.87 0.00	18.59 0.82 0.00	21.75 0.90 0.00	26.71 1.00 0.00	28.76 1.47 0.00	27.15 1.61 -0.05	25.96 1.58 0.00	25.37 1.64 -0.31	25.47 1.68 -0.49	27.13 1.85 -0.24	28.26 2.00 0.00	29.23 2.04 -1.34	29.59 2.19 0.00	36.95 2.76 -2.85	39.80 3.03 -1.14	41.84 3.28 0.00	40.76 3.09 0.00	38.86 2.78 0.00	32.94 1.86 0.00	29.47 1.62 0.00	25.04 1.28 0.00
CE_NYC_DRP 24195	22.16 0.98 -2.03	20.95 0.95 -1.01	18.60 0.87 0.00	18.19 0.83 0.00	18.57 0.80 0.00	21.75 0.90 0.00	26.74 1.03 0.00	28.76 1.47 0.00	27.10 1.56 -0.05	25.88 1.51 0.00	24.96 1.55 0.00	24.88 1.58 0.00	26.82 1.78 0.00	28.15 1.89 0.00	27.82 1.96 0.00	29.51 2.11 0.00	34.00 2.66 0.00	38.51 2.89 0.00	41.72 3.16 0.00	40.65 2.98 0.00	38.75 2.67 0.00	32.88 1.80 0.00	29.42 1.56 0.00	24.99 1.24 0.00
CHAFFEE___LFGE 323603	17.80 -1.47 -0.11	17.51 -1.54 -0.07	16.40 -1.33 0.00	16.06 -1.30 0.00	16.47 -1.30 0.00	19.29 -1.56 0.00	24.06 -1.65 0.00	25.52 -1.77 0.00	23.99 -1.48 0.03	23.25 -1.12 0.00	22.32 -1.10 0.00	22.16 -1.14 0.00	23.70 -1.30 0.03	24.69 -1.39 0.18	24.51 -1.19 0.15	24.80 -2.25 0.36	28.28 -2.26 0.80	31.86 -2.46 1.31	32.99 -2.78 2.79	33.23 -2.86 1.57	31.09 -2.60 2.40	28.08 -2.21 0.78	26.20 -1.42 0.24	22.73 -1.02 0.00
CHATEAUG_35_KV_LOAD 355732	18.22 -0.94 0.00	18.13 -0.85 0.00	16.90 -0.83 0.00	16.61 -0.75 0.00	17.09 -0.68 0.00	20.29 -0.56 0.00	25.38 -0.33 0.00	27.07 -0.22 0.00	25.22 -0.28 0.00	23.93 -0.44 0.00	22.81 -0.61 0.00	22.51 -0.79 0.00	24.06 -0.98 0.00	25.27 -1.00 0.00	24.74 -1.11 0.00	26.30 -1.10 0.00	30.18 -1.16 0.00	34.88 -0.75 0.00	39.06 0.50 0.00	38.35 0.68 0.00	37.02 0.94 0.00	31.88 0.81 0.00	28.44 0.59 0.00	24.30 0.55 0.00
CHATEAUG_WT_PWR 323614	18.20 -0.96 0.00	18.11 -0.87 0.00	16.87 -0.87 0.00	16.58 -0.78 0.00	17.06 -0.71 0.00	20.27 -0.58 0.00	24.94 -0.77 0.00	26.58 -0.71 0.00	24.84 -0.66 0.00	23.52 -0.85 0.00	22.39 -1.03 0.00	22.09 -1.21 0.00	23.59 -1.45 0.00	24.71 -1.55 0.00	24.17 -1.68 0.00	25.75 -1.64 0.00	29.65 -1.69 0.00	34.16 -1.46 0.00	38.41 -0.15 0.00	37.63 -0.04 0.00	36.34 0.25 0.00	31.42 0.34 0.00	28.03 0.17 0.00	23.99 0.24 0.00
CHAT_HIGH_FALL_HYD 323578	18.22 -0.94 0.00	18.13 -0.85 0.00	16.90 -0.83 0.00	16.61 -0.75 0.00	17.09 -0.68 0.00	20.29 -0.56 0.00	25.38 -0.33 0.00	27.07 -0.22 0.00	25.22 -0.28 0.00	23.93 -0.44 0.00	22.81 -0.61 0.00	22.51 -0.79 0.00	24.06 -0.98 0.00	25.27 -1.00 0.00	24.74 -1.11 0.00	26.30 -1.10 0.00	30.18 -1.16 0.00	34.88 -0.75 0.00	39.06 0.50 0.00	38.35 0.68 0.00	37.02 0.94 0.00	31.88 0.81 0.00	28.44 0.59 0.00	24.30 0.55 0.00
CHAUTAUQUA___LFGE 323629	17.93 -1.34 -0.11	17.63 -1.42 -0.07	16.51 -1.22 0.00	16.16 -1.20 0.00	16.60 -1.17 0.00	19.42 -1.44 0.00	24.25 -1.46 0.00	25.79 -1.50 0.00	24.20 -1.27 0.03	23.45 -0.93 0.00	22.50 -0.91 0.00	22.32 -0.98 0.00	23.81 -1.20 0.03	24.77 -1.31 0.18	24.56 -1.14 0.15	24.88 -2.16 0.36	28.40 -2.13 0.80	32.00 -2.32 1.31	33.19 -2.58 2.78	33.61 -2.49 1.57	31.46 -2.24 2.39	28.49 -1.80 0.79	26.56 -1.06 0.24	23.06 -0.69 0.00
CHERRYST_13_KV_LD 356241	22.20 1.02 -2.03	21.00 1.01 -1.01	18.64 0.90 0.00	18.23 0.87 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.81 1.11 0.00	28.84 1.56 0.00	27.21 1.66 -0.05	25.96 1.58 0.00	25.06 1.64 0.00	24.98 1.68 0.00	26.89 1.85 0.00	28.26 2.00 0.00	27.90 2.04 0.00	29.59 2.19 0.00	34.13 2.79 0.00	38.65 3.03 0.00	41.88 3.32 0.00	40.76 3.09 0.00	38.86 2.78 0.00	32.97 1.90 0.00	29.50 1.64 0.00	25.06 1.31 0.00

CHESTROR_138KV_BK263 355645	21.62 0.65 -1.81	20.52 0.63 -0.90	18.34 0.60 0.00	17.93 0.57 0.00	18.32 0.55 0.00	21.44 0.58 0.00	26.35 0.64 0.00	28.27 0.98 0.00	26.56 1.02 -0.03	25.32 0.95 0.00	24.40 0.98 0.00	24.30 1.00 0.00	26.17 1.13 0.00	27.50 1.23 0.00	27.17 1.32 0.00	28.80 1.40 0.00	33.19 1.85 0.00	37.66 2.03 0.00	40.76 2.20 0.00	39.74 2.07 0.00	37.96 1.88 0.00	32.29 1.21 0.00	28.86 1.00 0.00	24.54 0.78 0.00
CH_MIDHUDSON___DRP 24192	22.08 0.86 -2.06	20.85 0.84 -1.03	18.51 0.78 0.00	18.11 0.75 0.00	18.50 0.73 0.00	21.67 0.81 0.00	26.61 0.90 0.00	28.57 1.28 0.00	26.87 1.33 -0.04	25.59 1.22 0.00	24.66 1.24 0.00	24.56 1.26 0.00	26.47 1.43 0.00	27.81 1.55 0.00	27.43 1.58 0.00	29.04 1.64 0.00	33.50 2.16 0.00	38.05 2.42 0.00	41.18 2.62 0.00	40.20 2.52 0.00	38.36 2.27 0.00	32.63 1.55 0.00	29.14 1.28 0.00	24.80 1.05 0.00
CH_MISC_IPPS 23765	22.05 0.88 -2.01	20.84 0.86 -1.00	18.53 0.80 0.00	18.14 0.78 0.00	18.51 0.75 0.00	21.69 0.84 0.00	26.66 0.95 0.00	28.63 1.34 0.00	26.91 1.38 -0.03	25.62 1.24 0.00	24.68 1.26 0.00	24.56 1.26 0.00	26.47 1.43 0.00	27.79 1.52 0.00	27.43 1.58 0.00	29.15 1.76 0.00	33.53 2.19 0.00	38.22 2.60 0.00	41.41 2.85 0.00	40.42 2.75 0.00	38.61 2.52 0.00	32.78 1.71 0.00	29.28 1.42 0.00	24.89 1.14 0.00
CH_RES_BVR_FALLS 23983	18.68 -0.48 0.00	18.55 -0.44 0.00	17.31 -0.43 0.00	16.96 -0.40 0.00	17.39 -0.37 0.00	20.46 -0.40 0.00	25.22 -0.49 0.00	26.66 -0.63 0.00	24.89 -0.61 0.00	23.81 -0.56 0.00	22.85 -0.56 0.00	22.67 -0.63 0.00	24.31 -0.73 0.00	25.48 -0.79 0.00	25.05 -0.80 0.00	26.60 -0.80 0.00	30.40 -0.94 0.00	34.59 -1.03 0.00	37.60 -0.96 0.00	36.81 -0.86 0.00	35.29 -0.79 0.00	30.55 -0.53 0.00	27.38 -0.47 0.00	23.40 -0.36 0.00
CH_RES_NIAGARA 23895	17.11 -2.16 -0.12	16.83 -2.22 -0.07	15.75 -1.99 0.00	15.57 -1.79 0.00	15.81 -1.95 0.00	18.50 -2.36 0.00	23.06 -2.65 0.00	24.42 -2.87 0.00	23.07 -2.40 0.03	22.35 -2.02 0.00	21.45 -1.97 0.00	21.32 -1.98 0.00	22.83 -2.18 0.04	23.44 -2.63 0.20	22.94 -2.74 0.17	23.86 -3.15 0.39	27.17 -3.29 0.88	30.37 -3.81 1.44	31.41 -4.40 2.75	31.65 -4.29 1.73	29.58 -4.15 2.35	26.86 -3.36 0.86	25.31 -2.28 0.26	22.04 -1.71 0.00
CH_RES_SYRACUSE 23985	19.20 -0.13 -0.18	18.90 -0.17 -0.09	17.59 -0.14 0.00	17.22 -0.14 0.00	17.65 -0.12 0.00	20.73 -0.12 0.00	25.68 -0.03 0.00	27.13 -0.16 0.00	25.32 -0.18 0.00	24.25 -0.12 0.00	23.25 -0.16 0.00	23.16 -0.14 0.00	24.89 -0.15 0.00	26.16 -0.10 0.00	25.75 -0.10 0.00	27.21 -0.19 0.00	31.21 -0.12 0.00	35.52 -0.11 0.00	38.45 -0.12 0.00	37.56 -0.11 0.00	35.97 -0.11 0.00	30.92 -0.15 0.00	27.75 -0.11 0.00	23.61 -0.14 0.00
CLINTON_WT_PWR 323605	18.20 -0.96 0.00	18.11 -0.87 0.00	16.87 -0.87 0.00	16.58 -0.78 0.00	17.06 -0.71 0.00	20.27 -0.58 0.00	24.94 -0.77 0.00	26.58 -0.71 0.00	24.84 -0.66 0.00	23.52 -0.85 0.00	22.39 -1.03 0.00	22.09 -1.21 0.00	23.59 -1.45 0.00	24.71 -1.55 0.00	24.17 -1.68 0.00	25.75 -1.64 0.00	29.65 -1.69 0.00	34.16 -1.46 0.00	38.41 -0.15 0.00	37.63 -0.04 0.00	36.34 0.25 0.00	31.42 0.34 0.00	28.03 0.17 0.00	23.99 0.24 0.00
CLINTON___LFGE 323618	18.39 -0.77 0.00	18.30 -0.68 0.00	17.04 -0.69 0.00	16.77 -0.59 0.00	17.27 -0.50 0.00	20.54 -0.31 0.00	25.35 -0.36 0.00	27.04 -0.25 0.00	25.22 -0.28 0.00	23.91 -0.46 0.00	22.79 -0.63 0.00	22.51 -0.79 0.00	24.04 -1.00 0.00	25.21 -1.05 0.00	24.69 -1.16 0.00	26.27 -1.12 0.00	30.27 -1.07 0.00	34.84 -0.78 0.00	39.03 0.46 0.00	38.31 0.64 0.00	36.99 0.90 0.00	31.85 0.78 0.00	28.41 0.56 0.00	24.27 0.52 0.00
COBBLENY_34_KV_TB1 80064	17.79 -1.48 -0.11	17.50 -1.56 -0.07	16.40 -1.33 0.00	16.06 -1.30 0.00	16.47 -1.30 0.00	19.29 -1.56 0.00	24.06 -1.65 0.00	25.52 -1.77 0.00	24.04 -1.43 0.03	23.25 -1.12 0.00	22.32 -1.10 0.00	22.16 -1.14 0.00	23.71 -1.30 0.03	24.27 -1.81 0.18	23.79 -1.91 0.15	24.77 -2.27 0.36	28.34 -2.19 0.80	31.79 -2.53 1.31	32.72 -3.05 2.79	33.24 -2.86 1.57	31.09 -2.60 2.40	28.02 -2.27 0.78	26.14 -1.48 0.24	22.73 -1.02 0.00
COFFEEN___115KV_TB3 355620	18.98 -0.27 -0.10	18.75 -0.28 -0.05	17.43 -0.30 0.00	17.05 -0.31 0.00	17.50 -0.27 0.00	20.71 -0.15 0.00	25.89 0.18 0.00	27.53 0.25 0.00	25.48 -0.03 -0.01	24.18 -0.19 0.00	23.09 -0.33 0.00	22.93 -0.37 0.00	24.47 -0.58 -0.01	25.73 -0.58 -0.04	25.35 -0.54 -0.04	27.04 -0.44 -0.08	31.06 -0.47 -0.19	35.69 -0.25 -0.31	39.15 0.19 -0.40	38.35 0.30 -0.37	37.10 0.69 -0.33	31.57 0.31 -0.19	28.05 0.14 -0.06	23.78 0.02 0.00
COLDSPRG_115KV_BK1 355956	18.09 -1.17 -0.10	17.81 -1.23 -0.06	16.71 -1.03 0.00	16.35 -1.01 0.00	16.79 -0.98 0.00	19.69 -1.17 0.00	24.60 -1.11 0.00	26.25 -1.04 0.00	24.58 -0.89 0.03	23.79 -0.58 0.00	22.83 -0.59 0.00	22.62 -0.68 0.00	24.06 -0.95 0.03	24.54 -1.55 0.17	24.05 -1.65 0.15	25.03 -2.03 0.34	28.67 -1.91 0.76	32.14 -2.24 1.24	33.11 -2.58 2.87	33.89 -2.30 1.48	31.85 -1.77 2.47	28.63 -1.71 0.74	26.57 -1.06 0.23	23.35 -0.40 0.00
COLONIE_LFGE___ 323577	22.63 0.88 -2.59	21.15 0.87 -1.29	18.55 0.82 0.00	18.14 0.78 0.00	18.55 0.78 0.00	21.75 0.90 0.00	26.74 1.03 0.00	28.60 1.31 0.00	27.71 1.56 -0.66	25.71 1.34 0.00	24.75 1.33 0.00	24.60 1.30 0.00	26.32 1.28 0.00	27.52 1.26 0.00	27.04 1.19 0.00	28.60 1.20 0.00	32.94 1.60 0.00	37.58 1.96 0.00	40.64 2.08 0.00	39.70 2.03 0.00	38.03 1.95 0.00	32.44 1.37 0.00	29.03 1.17 0.00	24.85 1.09 0.00
COOPERNY_115KV_TB1 80082	20.98 0.46 -1.36	20.10 0.44 -0.68	18.16 0.43 0.00	17.76 0.40 0.00	18.16 0.39 0.00	21.25 0.40 0.00	26.17 0.46 0.00	28.00 0.71 0.00	26.22 0.71 0.00	25.06 0.68 0.00	24.12 0.70 0.00	24.02 0.72 0.00	25.84 0.80 0.00	27.16 0.89 0.00	26.78 0.93 0.00	28.38 0.99 0.00	32.66 1.32 0.00	37.05 1.43 0.00	40.10 1.54 0.00	39.14 1.47 0.00	37.42 1.34 0.00	31.91 0.84 0.00	28.58 0.72 0.00	24.32 0.57 0.00
COPENHAGEN_WT_PWR 323753	18.87 -0.38 -0.10	18.63 -0.40 -0.05	17.33 -0.41 0.00	16.94 -0.42 0.00	17.39 -0.37 0.00	20.56 -0.29 0.00	25.66 -0.05 0.00	27.26 -0.03 0.00	25.28 -0.23 -0.01	24.01 -0.36 0.00	22.97 -0.45 0.00	22.81 -0.49 0.00	24.37 -0.67 -0.01	25.63 -0.68 -0.05	25.25 -0.65 -0.04	26.89 -0.60 -0.09	30.85 -0.69 -0.20	35.43 -0.53 -0.33	38.80 -0.19 -0.43	37.96 -0.11 -0.40	36.69 0.25 -0.35	31.28 0.00 -0.20	27.81 -0.11 -0.06	23.59 -0.17 0.00
CORNELL_____ 23752	20.80 0.13 -1.51	19.78 0.09 -0.70	17.84 0.11 0.00	17.45 0.09 0.00	17.89 0.12 0.00	21.04 0.19 0.00	26.17 0.46 0.00	27.83 0.55 0.00	25.92 0.43 0.01	24.79 0.41 0.00	23.72 0.30 0.00	23.62 0.33 0.00	25.38 0.35 0.01	26.54 0.34 0.06	26.16 0.36 0.05	27.66 0.38 0.12	31.72 0.66 0.28	35.96 0.78 0.45	44.47 0.93 -4.98	38.03 0.90 0.54	41.69 0.90 -4.71	31.43 0.62 0.27	28.36 0.59 0.08	24.18 0.43 0.00

CORONA__V_69_KV_TB1 355595	22.64 1.26 -2.21	21.21 1.22 -1.01	18.85 1.12 0.00	18.40 1.04 0.00	18.82 1.05 0.00	22.04 1.19 0.00	26.99 1.29 0.00	29.09 1.80 0.00	27.38 1.84 -0.05	26.03 1.66 0.00	25.24 1.83 0.00	26.56 1.91 -1.35	27.14 2.10 0.00	29.56 2.28 -1.01	32.24 2.33 -4.06	34.46 2.49 -4.57	38.02 3.13 -3.55	45.99 3.42 -6.94	44.85 3.70 -2.58	44.13 3.50 -2.96	40.23 3.21 -0.93	36.29 2.36 -2.86	29.86 2.01 0.00	25.37 1.62 0.00
CORTLAND_115KV_TB3 80093	19.82 0.02 -0.64	19.29 0.00 -0.31	17.73 0.00 0.00	17.36 0.00 0.00	17.79 0.02 0.00	20.90 0.04 0.00	25.92 0.21 0.00	27.53 0.25 0.00	25.67 0.18 0.01	24.57 0.19 0.00	23.56 0.14 0.00	23.44 0.14 0.00	25.18 0.15 0.01	26.34 0.13 0.05	25.96 0.16 0.04	27.43 0.14 0.10	31.45 0.34 0.23	35.64 0.39 0.38	40.08 0.46 -1.06	37.67 0.45 0.46	37.59 0.47 -1.04	31.10 0.25 0.23	28.04 0.25 0.07	23.94 0.19 0.00
COXSACKIE__GT 23611	22.70 1.13 -2.41	21.25 1.06 -1.20	18.87 1.14 0.00	18.51 1.15 0.00	18.87 1.10 0.00	22.08 1.23 0.00	27.10 1.39 0.00	28.87 1.58 0.00	26.55 1.63 0.59	25.47 1.10 0.00	24.40 0.98 0.00	24.14 0.84 0.00	26.02 0.98 0.00	27.29 1.02 0.00	26.94 1.09 0.00	28.69 1.29 0.00	33.06 1.72 0.00	38.05 2.42 0.00	41.37 2.81 0.00	40.42 2.75 0.00	38.86 2.78 0.00	33.03 1.96 0.00	29.42 1.56 0.00	25.13 1.38 0.00
CPV_VALLEY__CC1 323721	21.35 0.54 -1.65	20.32 0.51 -0.83	18.23 0.50 0.00	17.84 0.49 0.00	18.23 0.46 0.00	21.31 0.46 0.00	26.20 0.49 0.00	28.08 0.79 0.00	26.37 0.84 -0.03	25.15 0.78 0.00	24.24 0.82 0.00	24.14 0.84 0.00	25.99 0.95 0.00	27.29 1.02 0.00	26.89 1.04 0.00	28.58 1.18 0.00	32.81 1.47 0.00	37.34 1.71 0.00	40.41 1.85 0.00	39.44 1.77 0.00	37.63 1.55 0.00	32.04 0.96 0.00	28.67 0.81 0.00	24.39 0.64 0.00
CPV_VALLEY__CC2 323722	21.35 0.54 -1.65	20.32 0.51 -0.83	18.23 0.50 0.00	17.84 0.49 0.00	18.23 0.46 0.00	21.31 0.46 0.00	26.20 0.49 0.00	28.08 0.79 0.00	26.37 0.84 -0.03	25.15 0.78 0.00	24.24 0.82 0.00	24.14 0.84 0.00	25.99 0.95 0.00	27.29 1.02 0.00	26.89 1.04 0.00	28.58 1.18 0.00	32.81 1.47 0.00	37.34 1.71 0.00	40.41 1.85 0.00	39.44 1.77 0.00	37.63 1.55 0.00	32.04 0.96 0.00	28.67 0.81 0.00	24.39 0.64 0.00
CRESCENT__HYD 24018	22.63 0.88 -2.59	21.15 0.87 -1.29	18.55 0.82 0.00	18.14 0.78 0.00	18.55 0.78 0.00	21.75 0.90 0.00	26.74 1.03 0.00	28.60 1.31 0.00	27.71 1.56 -0.66	25.71 1.34 0.00	24.75 1.33 0.00	24.60 1.30 0.00	26.32 1.28 0.00	27.52 1.26 0.00	27.04 1.19 0.00	28.60 1.20 0.00	32.94 1.60 0.00	37.58 1.96 0.00	40.64 2.08 0.00	39.70 2.03 0.00	38.03 1.95 0.00	32.44 1.37 0.00	29.03 1.17 0.00	24.85 1.09 0.00
CRICKET__VALLEY_CC1 323756	22.13 0.82 -2.15	20.87 0.82 -1.07	18.50 0.76 0.00	18.09 0.73 0.00	18.48 0.71 0.00	21.63 0.77 0.00	26.53 0.82 0.00	28.49 1.20 0.00	26.84 1.25 -0.09	25.49 1.12 0.00	24.59 1.17 0.00	24.51 1.21 0.00	26.39 1.35 0.00	27.63 1.36 0.00	27.15 1.29 0.00	28.79 1.40 0.00	33.19 1.85 0.00	37.80 2.17 0.00	40.87 2.31 0.00	39.89 2.22 0.00	38.10 2.02 0.00	32.41 1.34 0.00	28.94 1.09 0.00	24.70 0.95 0.00
CRICKET__VALLEY_CC2 323757	22.13 0.82 -2.15	20.87 0.82 -1.07	18.50 0.76 0.00	18.09 0.73 0.00	18.48 0.71 0.00	21.63 0.77 0.00	26.53 0.82 0.00	28.49 1.20 0.0																

DANSKAMMER___4 23591	22.05 0.88 -2.01	20.84 0.86 -1.00	18.53 0.80 0.00	18.14 0.78 0.00	18.51 0.75 0.00	21.69 0.84 0.00	26.66 0.95 0.00	28.63 1.34 0.00	26.91 1.38 -0.03	25.62 1.24 0.00	24.68 1.26 0.00	24.56 1.26 0.00	26.47 1.43 0.00	27.79 1.52 0.00	27.43 1.58 0.00	29.15 1.76 0.00	33.53 2.19 0.00	38.22 2.60 0.00	41.41 2.85 0.00	40.42 2.75 0.00	38.61 2.52 0.00	32.78 1.71 0.00	29.28 1.42 0.00	24.89 1.14 0.00
DANSKAMMER___DIESEL 23592	22.05 0.88 -2.01	20.84 0.85 -1.00	18.53 0.80 0.00	18.14 0.78 0.00	18.52 0.75 0.00	21.69 0.83 0.00	26.66 0.95 0.00	28.63 1.34 0.00	26.91 1.38 -0.03	25.62 1.24 0.00	24.68 1.26 0.00	24.56 1.26 0.00	26.47 1.43 0.00	27.84 1.58 0.00	27.51 1.65 0.00	29.15 1.75 0.00	33.63 2.29 0.00	38.19 2.57 0.00	41.38 2.81 0.00	40.38 2.71 0.00	38.57 2.49 0.00	32.78 1.71 0.00	29.25 1.39 0.00	24.89 1.14 0.00
DARBY___SOLAR 323810	22.86 1.07 -2.63	21.36 1.06 -1.31	18.71 0.97 0.00	18.30 0.94 0.00	18.75 0.98 0.00	22.04 1.19 0.00	27.15 1.44 0.00	28.98 1.69 0.00	27.74 1.78 -0.46	25.93 1.56 0.00	24.85 1.43 0.00	24.67 1.37 0.00	26.49 1.45 0.00	27.71 1.44 0.00	27.22 1.37 0.00	28.63 1.23 0.00	32.94 1.60 0.00	37.76 2.14 0.00	40.91 2.35 0.00	39.97 2.30 0.00	38.39 2.31 0.00	32.72 1.65 0.00	29.28 1.42 0.00	25.23 1.47 0.00
DASHVILLE___HYD 23610	21.71 0.46 -2.09	20.45 0.42 -1.04	18.34 0.60 0.00	17.95 0.59 0.00	18.32 0.55 0.00	21.46 0.60 0.00	26.35 0.64 0.00	28.30 1.01 0.00	26.61 1.25 0.14	25.30 0.93 0.00	24.38 0.96 0.00	24.28 0.98 0.00	26.17 1.13 0.00	27.55 1.29 0.00	27.22 1.37 0.00	28.85 1.45 0.00	33.25 1.91 0.00	37.69 2.07 0.00	40.87 2.31 0.00	39.89 2.22 0.00	38.07 1.98 0.00	32.38 1.31 0.00	28.94 1.09 0.00	24.63 0.88 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	23.02 1.65 -2.21	21.57 1.58 -1.01	19.17 1.44 0.00	18.66 1.30 0.00	19.08 1.31 0.00	22.48 1.63 0.00	27.20 1.49 0.00	29.28 1.99 0.00	27.61 2.07 -0.05	26.13 1.75 0.00	25.41 1.99 0.00	26.79 2.14 -1.35	27.24 2.20 0.00	29.72 2.44 -1.01	32.42 2.51 -4.06	34.76 2.79 -4.57	38.49 3.60 -3.55	46.92 4.35 -6.95	45.85 4.70 -2.58	45.00 4.37 -2.96	40.91 3.90 -0.93	36.51 2.58 -2.86	29.75 1.89 0.00	25.30 1.54 0.00
DELAWARE___LFGE 323621	20.43 0.50 -0.77	19.85 0.47 -0.39	18.18 0.44 0.00	17.78 0.42 0.00	18.20 0.43 0.00	21.36 0.50 0.00	26.40 0.69 0.00	28.16 0.87 0.00	26.29 0.79 0.01	25.10 0.73 0.00	24.10 0.68 0.00	24.00 0.70 0.00	25.81 0.78 0.01	27.04 0.81 0.03	26.65 0.83 0.03	28.24 0.90 0.06	32.42 1.22 0.14	36.81 1.43 0.24	39.80 1.54 0.30	38.86 1.47 0.28	37.48 1.44 0.05	31.93 0.99 0.14	28.65 0.84 0.04	24.44 0.69 0.00
DERFIELD_115KV_TB7 355931	19.25 0.10 0.00	19.08 0.09 0.00	17.82 0.09 0.00	17.43 0.07 0.00	17.84 0.07 0.00	20.94 0.08 0.00	25.81 0.10 0.00	27.34 0.05 0.00	25.55 0.05 0.00	24.42 0.05 0.00	23.46 0.05 0.00	23.37 0.07 0.00	25.12 0.08 0.00	26.34 0.08 0.00	25.93 0.08 0.00	27.45 0.05 0.00	31.46 0.13 0.00	35.77 0.14 0.00	38.72 0.15 0.00	37.82 0.15 0.00	36.23 0.14 0.00	31.14 0.06 0.00	27.91 0.06 0.00	23.80 0.05 0.00
DOGLEVILLE___HYD 23807	19.00 -0.15 0.00	18.81 -0.17 0.00	17.57 -0.16 0.00	17.19 -0.17 0.00	17.59 -0.18 0.00	20.67 -0.19 0.00	25.50 -0.21 0.00	27.04 -0.25 0.00	25.20 -0.30 0.00	24.06 -0.32 0.00	23.09 -0.33 0.00	22.90 -0.40 0.00	24.64 -0.40 0.00	25.84 -0.42 0.00	25.44 -0.41 0.00	27.01 -0.38 0.00	30.93 -0.41 0.00	35.23 -0.39 0.00	38.18 -0.39 0.00	37.30 -0.38 0.00	35.76 -0.33 0.00	30.76 -0.31 0.00	27.52 -0.33 0.00	23.47 -0.28 0.00
DUNKIRK___115KV_TB_200 55889	17.93 -1.34 -0.12	17.63 -1.42 -0.07	16.51 -1.22 0.00	16.16 -1.20 0.00	16.60 -1.17 0.00	19.42 -1.44 0.00	24.22 -1.49 0.00	25.79 -1.50 0.00	24.22 -1.25 0.03	23.45 -0.93 0.00	22.50 -0.91 0.00	22.32 -0.98 0.00	23.81 -1.20 0.03	24.40 -1.68 0.18	23.92 -1.78 0.15	24.88 -2.16 0.36	28.50 -2.04 0.80	31.96 -2.35 1.32	33.00 -2.78 2.78	33.57 -2.52 1.58	31.46 -2.24 2.39	28.39 -1.90 0.79	26.48 -1.14 0.24	23.02 -0.74 0.00
DUNKIRK___1 23563	17.93 -1.34 -0.12	17.63 -1.42 -0.07	16.51 -1.22 0.00	16.16 -1.20 0.00	16.60 -1.17 0.00	19.42 -1.44 0.00	24.22 -1.49 0.00	25.79 -1.50 0.00	24.22 -1.25 0.03	23.45 -0.93 0.00	22.50 -0.91 0.00	22.32 -0.98 0.00	23.81 -1.20 0.03	24.40 -1.68 0.18	23.92 -1.78 0.15	24.88 -2.16 0.36	28.50 -2.04 0.80	31.96 -2.35 1.32	33.00 -2.78 2.78	33.57 -2.52 1.58	31.46 -2.24 2.39	28.39 -1.90 0.79	26.48 -1.14 0.24	23.02 -0.74 0.00
DUNKIRK___2 23564	17.93 -1.34 -0.12	17.63 -1.42 -0.07	16.51 -1.22 0.00	16.16 -1.20 0.00	16.60 -1.17 0.00	19.42 -1.44 0.00	24.22 -1.49 0.00	25.79 -1.50 0.00	24.22 -1.25 0.03	23.45 -0.93 0.00	22.50 -0.91 0.00	22.32 -0.98 0.00	23.81 -1.20 0.03	24.40 -1.68 0.18	23.92 -1.78 0.15	24.88 -2.16 0.36	28.50 -2.04 0.80	31.96 -2.35 1.32	33.00 -2.78 2.78	33.57 -2.52 1.58	31.46 -2.24 2.39	28.39 -1.90 0.79	26.48 -1.14 0.24	23.02 -0.74 0.00
DUNKIRK___3 23565	17.88 -1.40 -0.12	17.59 -1.46 -0.07	16.47 -1.26 0.00	16.13 -1.23 0.00	16.54 -1.23 0.00	19.37 -1.48 0.00	24.14 -1.57 0.00	25.65 -1.64 0.00	24.12 -1.35 0.03	23.32 -1.05 0.00	22.41 -1.01 0.00	22.23 -1.07 0.00	23.76 -1.25 0.03	24.32 -1.76 0.18	23.86 -1.84 0.16	24.85 -2.19 0.36	28.43 -2.10 0.81	31.84 -2.46 1.32	32.90 -2.89 2.77	33.41 -2.67 1.59	31.29 -2.42 2.37	28.20 -2.08 0.79	26.31 -1.31 0.24	22.87 -0.88 0.00
DUNKIRK___4 23566	17.88 -1.40 -0.12	17.59 -1.46 -0.07	16.47 -1.26 0.00	16.13 -1.23 0.00	16.54 -1.23 0.00	19.37 -1.48 0.00	24.14 -1.57 0.00	25.65 -1.64 0.00	24.12 -1.35 0.03	23.32 -1.05 0.00	22.41 -1.01 0.00	22.23 -1.07 0.00	23.76 -1.25 0.03	24.32 -1.76 0.18	23.86 -1.84 0.16	24.85 -2.19 0.36	28.43 -2.10 0.81	31.84 -2.46 1.32	32.90 -2.89 2.77	33.41 -2.67 1.59	31.29 -2.42 2.37	28.20 -2.08 0.79	26.31 -1.31 0.24	22.87 -0.88 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.12 0.94 -2.03	20.91 0.91 -1.01	18.59 0.85 0.00	18.16 0.80 0.00	18.55 0.78 0.00	21.73 0.88 0.00	26.71 1.00 0.00	28.71 1.42 0.00	27.03 1.48 -0.05	25.79 1.41 0.00	24.87 1.45 0.00	24.79 1.49 0.00	26.72 1.68 0.00	28.08 1.81 0.00	27.72 1.86 0.00	29.37 1.97 0.00	33.88 2.54 0.00	38.40 2.78 0.00	41.57 3.01 0.00	40.53 2.86 0.00	38.64 2.56 0.00	32.82 1.74 0.00	29.33 1.48 0.00	24.94 1.19 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.83 0.75 -1.93	20.65 0.70 -0.96	18.41 0.67 0.00	18.02 0.66 0.00	18.39 0.62 0.00	21.54 0.69 0.00	26.48 0.77 0.00	28.41 1.12 0.00	26.67 1.17 0.00	25.42 1.05 0.00	24.49 1.08 0.00	24.39 1.10 0.00	26.27 1.23 0.00	27.66 1.39 0.00	27.33 1.47 0.00	28.96 1.56 0.00	33.38 2.04 0.00	37.87 2.24 0.00	41.03 2.47 0.00	40.05 2.37 0.00	38.21 2.13 0.00	32.50 1.43 0.00	29.03 1.17 0.00	24.68 0.93 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	22.30 1.11 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.89 0.00	18.60 0.84 0.00	21.75 0.90 0.00	26.61 0.90 0.00	28.65 1.36 0.00	27.03 1.48 -0.05	25.86 1.49 0.00	24.95 1.55 0.01	24.88 1.58 0.01	26.78 1.75 0.01	28.15 1.89 0.00	27.78 1.94 0.01	29.48 2.08 0.00	33.96 2.63 0.01	38.50 2.89 0.01	41.68 3.12 0.00	40.61 2.94 0.00	38.72 2.63 0.00	32.82 1.74 0.00	29.39 1.53 0.00	25.04 1.28 0.00
E179THST_13_KV_LOAD 356214	22.35 1.17 -2.03	21.12 1.12 -1.01	18.71 0.98 0.00	18.31 0.95 0.00	18.66 0.89 0.00	21.81 0.96 0.00	26.71 1.00 0.00	28.76 1.47 0.00	27.15 1.61 -0.05	25.98 1.61 0.00	25.07 1.66 0.01	24.99 1.70 0.01	26.91 1.88 0.01	28.29 2.02 0.00	27.91 2.07 0.01	29.62 2.22 0.00	34.15 2.82 0.01	38.68 3.06 0.01	41.92 3.35 0.00	40.84 3.16 0.00	38.93 2.85 0.00	32.97 1.90 0.00	29.53 1.67 0.00	25.15 1.40 0.00
EAST HAMPTON___GT 23717	23.18 1.80 -2.22	21.71 1.71 -1.01	19.30 1.56 0.00	18.78 1.42 0.00	19.21 1.44 0.00	22.67 1.81 0.00	27.48 1.77 0.00	29.61 2.32 0.00	27.89 2.34 -0.05	26.39 2.02 0.00	25.69 2.27 0.00	27.08 2.42 -1.36	27.54 2.50 0.00	30.01 2.73 -1.02	32.72 2.79 -4.07	35.13 3.15 -4.58	38.91 4.01 -3.56	47.57 4.99 -6.96	46.51 5.36 -2.59	45.65 5.01 -2.96	41.46 4.44 -0.94	36.80 2.86 -2.86	29.76 1.90 -0.01	25.23 1.47 0.00
EAST RIVER___6 23660	22.16 0.98 -2.03	20.97 0.97 -1.01	18.60 0.87 0.00	18.19 0.83 0.00	18.57 0.80 0.00	21.77 0.92 0.00	26.76 1.05 0.00	28.76 1.47 0.00	27.13 1.58 -0.05	25.91 1.54 0.00	25.01 1.59 0.00	24.91 1.61 0.00	26.82 1.78 0.00	28.13 1.86 0.00	27.74 1.89 0.00	29.51 2.11 0.00	33.94 2.60 0.00	38.58 2.96 0.00	41.80 3.24 0.00	40.76 3.09 0.00	38.82 2.74 0.00	33.00 1.93 0.00	29.50 1.64 0.00	25.03 1.28 0.00
EAST RIVER___7 23524	22.16 0.98 -2.03	20.97 0.97 -1.01	18.60 0.87 0.00	18.19 0.83 0.00	18.57 0.80 0.00	21.77 0.92 0.00	26.76 1.05 0.00	28.76 1.47 0.00	27.13 1.58 -0.05	25.91 1.54 0.00	25.01 1.59 0.00	24.91 1.61 0.00	26.82 1.78 0.00	28.13 1.86 0.00	27.74 1.89 0.00	29.51 2.11 0.00	33.94 2.60 0.00	38.58 2.96 0.00	41.80 3.24 0.00	40.76 3.09 0.00	38.82 2.74 0.00	33.00 1.93 0.00	29.50 1.64 0.00	25.03 1.28 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.10 0.92 -2.02	20.89 0.89 -1.01	18.55 0.82 0.00	18.14 0.78 0.00	18.53 0.76 0.00	21.69 0.83 0.00	26.66 0.95 0.00	28.65 1.36 0.00	26.98 1.43 -0.05	25.71 1.34 0.00	24.82 1.41 0.00	24.74 1.44 0.00	26.64 1.60 0.00	28.00 1.73 0.00	27.64 1.78 0.00	29.29 1.89 0.00	33.78 2.44 0.00	38.30 2.67 0.00	41.45 2.89 0.00	40.42 2.75 0.00	38.57 2.49 0.00	32.75 1.68 0.00	29.28 1.42 0.00	24.89 1.14 0.00
EAST_HAMPTON___DIESEL 23722	23.18 1.80 -2.22	21.71 1.71 -1.01	19.30 1.56 0.00	18.78 1.42 0.00	19.21 1.44 0.00	22.67 1.81 0.00	27.48 1.77 0.00	29.61 2.32 0.00	27.92 2.37 -0.05	26.39 2.02 0.00	25.71 2.30 0.00	27.10 2.45 -1.36	27.54 2.50 0.00	30.01 2.73 -1.02	32.72 2.79 -4.07	35.13 3.15 -4.58	38.91 4.01 -3.56	47.61 5.02 -6.96	46.51 5.36 -2.59	45.69 5.05 -2.96	41.46 4.44 -0.94	36.80 2.86 -2.86	29.73 1.87 -0.01	25.20 1.45 0.00
EAST_POINT___SOLAR 323840	23.62 1.55 -2.91	21.98 1.54 -1.45	19.13 1.40 0.00	18.71 1.35 0.00	19.21 1.44 0.00	22.73 1.88 0.00	28.07 2.36 0.00	29.12 1.83 0.00	26.89 1.25 -0.14	25.03 0.66 0.00	23.98 0.56 0.00	23.79 0.49 0.00	25.74 0.70 0.00	27.05 0.79 0.00	26.68 0.83 0.00	28.74 1.34 0.00	33.75 2.41 0.00	39.58 3.95 0.00	42.92 4.36 0.00	41.93 4.26 0.00	40.41 4.33 0.00	34.31 3.23 0.00	30.64 2.79 0.00	26.06 2.30 0.00
EAST_PULASKI___ESR 323781	18.98 -0.31 -0.13	18.73 -0.32 -0.07	17.43 -0.30 0.00	17.06 -0.30 0.00	17.48 -0.28 0.00	20.56 -0.29 0.00	25.50 -0.21 0.00	26.96 -0.33 0.00	25.14 -0.38 -0.02	23.98 -0.39 0.00	23.00 -0.42 0.00	22.90 -0.40 0.00	24.59 -0.48 -0.02	25.93 -0.47 -0.14	25.53 -0.44 -0.11	27.11 -0.55 -0.26	31.34 -0.60 -0.59	36.03 -0.57 -0.97	39.31 -0.50 -1.25	38.35 -0.49 -1.17	36.78 -0.33 -1.02	31.29 -0.37 -0.58	27.70 -0.33 -0.18	23.42 -0.33 0.00
EAST_RIVER___1 323558	22.16 0.98 -2.03	20.95 0.95 -1.01	18.60 0.87 0.00	18.19 0.83 0.00	18.57 0.80 0.00	21.75 0.90 0.00	26.74 1.03 0.00	28.76 1.47 0.00	27.10 1.56 -0.05	25.88 1.51 0.00	24.96 1.55 0.00	24.88 1.59 0.00	26.82 1.78 0.00	28.10 1.84 0.00	27.72 1.86 0.00	29.48 2.08 0.00	33.91 2.57 0.00	38.58 2.96 0.00	41.76 3.20 0.00	40.72 3.05 0.00	38.75 2.67 0.00	32.91 1.83 0.00	29.42 1.56 0.00	24.99 1.23 0.00
EAST_RIVER___2 323559	22.16 0.98 -2.03	20.97 0.97 -1.01	18.60 0.87 0.00	18.19 0.83 0.00	18.57 0.80 0.00	21.77 0.92 0.00	26.76 1.05 0.00	28.76 1.47 0.00	27.13 1.58 -0.05	25.91 1.54 0.00	25.01 1.59 0.00	24.91 1.61 0.00	26.82 1.78 0.00	28.13 1.86 0.00	27.74 1.89 0.00	29.51 2.11 0.00	33.94 2.60 0.00	38.58 2.96 0.00	41.80 3.24 0.00	40.76 3.09 0.00	38.82 2.74 0.00	33.00 1.93 0.00	29.50 1.64 0.00	25.03 1.28 0.00
EAST___DELAWARE_HYD 23607	21.51 0.57 -1.78	20.40 0.53 -0.89	18.25 0.51 0.00	17.88 0.52 0.00	18.23 0.46 0.00	21.38 0.52 0.00	26.35 0.64 0.00	28.24 0.95 0.00	26.50 0.99 0.00	25.20 0.83 0.00	24.26 0.84 0.00	24.14 0.84 0.00	25.99 0.95 0.00	27.34 1.08 0.00	27.02 1.16 0.00	28.74 1.34 0.00	33.03 1.69 0.00	37.66 2.03 0.00	40.87 2.31 0.00	39.89 2.22 0.00	38.14 2.06 0.00	32.41 1.34 0.00	28.92 1.06 0.00	24.54 0.78 0.00
EIGHT_POINT___WT_PWR 323820	17.43 -1.55 0.18	17.48 -1.44 0.06	16.55 -1.19 0.00	16.25 -1.11 0.00	16.63 -1.14 0.00	19.31 -1.54 0.00	24.25 -1.46 0.00	26.61 -0.68 0.00	25.23 -0.25 0.02	24.57 0.19 0.00	23.58 0.17 0.00	23.37 0.07 0.00	24.97 -0.05 0.02	26.01 -0.13 0.13	25.72 -0.03 0.11	26.36 -0.80 0.25	30.07 -0.72 0.55	33.58 -1.14 0.91	32.92 -1.39 4.25	35.04 -1.55 1.09	31.24 -1.05 3.79	30.03 -0.50 0.54	27.61 -0.08 0.17	24.01 0.26 0.00
ELBRIDGE_115KV_TB2 80188	19.11 -0.23 -0.19	18.81 -0.27 -0.09	17.50 -0.23 0.00	17.13 -0.23 0.00	17.56 -0.21 0.00	20.63 -0.23 0.00	25.53 -0.18 0.00	26.96 -0.33 0.00	25.17 -0.33 0.00	24.10 -0.27 0.00	23.14 -0.28 0.00	23.04 -0.26 0.00	24.76 -0.28 0.00	25.97 -0.29 0.00	25.54 -0.31 0.00	27.04 -0.36 0.00	31.06 -0.28 0.00	35.30 -0.32 0.00	38.21 -0.35 0.00	37.33 -0.34 0.00	35.72 -0.36 0.00	30.70 -0.37 0.00	27.58 -0.28 0.00	23.47 -0.29 0.00
ELEC_TRO_TEK 24086	22.56 1.19 -2.21	21.14 1.14 -1.01	18.78 1.05 0.00	18.33 0.97 0.00	18.75 0.98 0.00	21.96 1.11 0.00	26.89 1.18 0.00	28.98 1.69 0.00	27.28 1.73 -0.05	25.93 1.56 0.00	25.13 1.71 0.00	26.47 1.82 -1.35	27.02 1.98 0.00	29.43 2.15 -1.01	32.11 2.20 -4.06	34.30 2.33 -4.57	37.83 2.95 -3.55	45.81 3.24 -6.94	44.65 3.51 -2.58	43.94 3.32 -2.96	40.05 3.03 -0.93	36.08 2.14 -2.86	29.70 1.84 0.00	25.23 1.47 0.00

ELLENBURG_WT_PWR 323604	18.20 -0.96 0.00	18.11 -0.87 0.00	16.87 -0.87 0.00	16.58 -0.78 0.00	17.06 -0.71 0.00	20.27 -0.58 0.00	24.94 -0.77 0.00	26.58 -0.71 0.00	24.84 -0.66 0.00	23.52 -0.85 0.00	22.39 -1.03 0.00	22.09 -1.21 0.00	23.59 -1.45 0.00	24.71 -1.55 0.00	24.17 -1.68 0.00	25.75 -1.64 0.00	29.65 -1.69 0.00	34.16 -1.46 0.00	38.41 -0.15 0.00	37.63 -0.04 0.00	36.34 0.25 0.00	31.42 0.34 0.00	28.03 0.17 0.00	23.99 0.24 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.72 -1.55 -0.12	17.44 -1.61 -0.07	16.32 -1.42 0.00	15.99 -1.37 0.00	16.40 -1.37 0.00	19.19 -1.67 0.00	23.91 -1.80 0.00	25.35 -1.94 0.00	23.89 -1.58 0.03	23.11 -1.27 0.00	22.20 -1.22 0.00	22.04 -1.26 0.00	23.58 -1.43 0.03	24.18 -1.89 0.19	23.70 -1.99 0.16	24.66 -2.36 0.38	28.20 -2.29 0.85	31.60 -2.64 1.39	32.59 -3.20 2.77	33.00 -3.01 1.66	30.86 -2.85 2.37	27.88 -2.36 0.83	26.07 -1.53 0.25	22.61 -1.14 0.00
EMPIRE_CC_1 323656	22.37 0.75 -2.47	20.95 0.74 -1.23	18.43 0.69 0.00	18.02 0.66 0.00	18.43 0.66 0.00	21.56 0.71 0.00	26.43 0.72 0.00	28.30 1.01 0.00	27.21 1.10 -0.61	25.32 0.95 0.00	24.38 0.96 0.00	24.28 0.98 0.00	26.12 1.08 0.00	27.29 1.02 0.00	26.81 0.96 0.00	28.38 0.98 0.00	32.50 1.16 0.00	37.01 1.39 0.00	39.99 1.43 0.00	39.07 1.39 0.00	37.38 1.30 0.00	31.91 0.84 0.00	28.61 0.75 0.00	24.49 0.74 0.00
EMPIRE_CC_2 323658	22.37 0.75 -2.47	20.95 0.74 -1.23	18.43 0.69 0.00	18.02 0.66 0.00	18.43 0.66 0.00	21.56 0.71 0.00	26.43 0.72 0.00	28.30 1.01 0.00	27.21 1.10 -0.61	25.32 0.95 0.00	24.38 0.96 0.00	24.28 0.98 0.00	26.12 1.08 0.00	27.29 1.02 0.00	26.81 0.96 0.00	28.38 0.98 0.00	32.50 1.16 0.00	37.01 1.39 0.00	39.99 1.43 0.00	39.07 1.39 0.00	37.38 1.30 0.00	31.91 0.84 0.00	28.61 0.75 0.00	24.49 0.74 0.00
ENORWICH_115KV_TB1 80156	21.10 0.98 -0.96	20.38 0.93 -0.46	18.59 0.85 0.00	18.14 0.78 0.00	18.66 0.89 0.00	22.02 1.17 0.00	27.61 1.90 0.00	29.47 2.18 0.00	27.20 1.71 0.01	25.91 1.54 0.00	24.66 1.24 0.00	24.56 1.26 0.00	26.36 1.33 0.01	27.63 1.42 0.05	27.26 1.45 0.04	29.02 1.73 0.10	33.34 2.23 0.23	38.11 2.85 0.37	43.37 3.32 -1.50	40.39 3.16 0.44	40.87 3.28 -1.50	33.22 2.36 0.22	29.85 2.06 0.07	25.42 1.66 0.00
ERIE_ST__34_KV_TB1-2 80199	17.82 -1.46 -0.12	17.55 -1.50 -0.07	16.46 -1.28 0.00	16.09 -1.27 0.00	16.52 -1.24 0.00	19.33 -1.52 0.00	24.12 -1.59 0.00	25.54 -1.75 0.00	24.02 -1.45 0.03	23.25 -1.12 0.00	22.34 -1.08 0.00	22.20 -1.10 0.00	23.71 -1.30 0.03	24.13 -1.94 0.19	23.68 -2.02 0.16	24.65 -2.38 0.36	28.20 -2.32 0.82	31.58 -2.71 1.34	32.60 -3.20 2.76	33.01 -3.05 1.61	31.19 -2.53 2.37	27.82 -2.45 0.80	25.94 -1.67 0.24	22.80 -0.95 0.00
ERIE_WT_PWR 323693	17.80 -1.47 -0.12	17.52 -1.54 -0.07	16.40 -1.33 0.00	16.08 -1.28 0.00	16.47 -1.30 0.00	19.29 -1.56 0.00	24.04 -1.67 0.00	25.49 -1.80 0.00	23.99 -1.48 0.03	23.23 -1.15 0.00	22.29 -1.12 0.00	22.16 -1.14 0.00	23.70 -1.30 0.03	24.68 -1.39 0.19	24.51 -1.19 0.16	24.78 -2.25 0.37	28.25 -2.26 0.83	31.81 -2.46 1.36	32.98 -2.81 2.77	33.18 -2.86 1.63	31.08 -2.63 2.37	28.09 -2.18 0.81	26.25 -1.36 0.25	22.76 -1.00 0.00
ESPRGFLD_115KV_TB1 80157	19.90 1.02 0.27	19.84 0.99 0.13	18.64 0.90 0.00	18.21 0.85 0.00	18.69 0.92 0.00	22.06 1.21 0.00	27.38 1.67 0.00	29.01 1.72 0.00	27.00 1.40 -0.10	25.54 1.17 0.00	24.47 1.05 0.00	24.30 1.00 0.00	26.22 1.18 0.00	27.52 1.26 0.00	27.15 1.29 0.00	28.99 1.59 0.00	33.47 2.13 0.00	38.44 2.81 0.00	41.61 3.05 0.00	40.61 2.94 0.00	39.11 3.03 0.00	33.28 2.21 0.00	29.75 1.89 0.00	25.30 1.54 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.62 0.11 -1.34	19.69 0.08 -0.63	17.82 0.09 0.00	17.45 0.09 0.00	17.89 0.12 0.00	21.02 0.17 0.00	26.12 0.41 0.00	27.81 0.52 0.00	25.90 0.41 0.01	24.76 0.39 0.00	23.70 0.28 0.00	23.58 0.28 0.00	25.36 0.33 0.01	26.52 0.32 0.06	26.11 0.31 0.05	27.64 0.36 0.12	31.70 0.63 0.26	35.95 0.75 0.43	43.56 0.89 -4.11	37.99 0.83 0.51	40.81 0.83 -3.90	31.38 0.56 0.26	28.31 0.53 0.08	24.16 0.40 0.00
ETNA____115KV_TB2 80207	20.62 0.11 -1.34	19.69 0.08 -0.63	17.82 0.09 0.00	17.45 0.09 0.00	17.89 0.12 0.00	21.02 0.17 0.00	26.12 0.41 0.00	27.81 0.52 0.00	25.90 0.41 0.01	24.76 0.39 0.00	23.70 0.28 0.00	23.58 0.28 0.00	25.36 0.33 0.01	26.52 0.32 0.06	26.11 0.31 0.05	27.64 0.36 0.12	31.70 0.63 0.26	35.95 0.75 0.43	43.56 0.89 -4.11	37.99 0.83 0.51	40.81 0.83 -3.90	31.38 0.56 0.26	28.31 0.53 0.08	24.16 0.40 0.00
EUCLID__115KV_TB2 356179	19.02 -0.29 -0.15	18.76 -0.30 -0.08	17.47 -0.27 0.00	17.10 -0.26 0.00	17.50 -0.27 0.00	20.56 -0.29 0.00	25.45 -0.26 0.00	26.88 -0.41 0.00	25.07 -0.41 0.02	24.03 -0.34 0.00	23.07 -0.35 0.00	22.95 -0.35 0.00	24.64 -0.38 0.02	25.75 -0.39 0.12	25.34 -0.41 0.10	26.70 -0.47 0.23	30.41 -0.41 0.52	34.31 -0.46 0.85	36.97 -0.50 1.09	36.16 -0.49 1.02	34.68 -0.51 0.90	30.07 -0.50 0.51	27.31 -0.39 0.15	23.37 -0.38 0.00
E_CANADA_CAP_HY 24051	23.60 1.40 -3.04	21.87 1.37 -1.52	18.99 1.26 0.00	18.57 1.21 0.00	19.07 1.30 0.00	22.52 1.67 0.00	27.89 2.18 0.00	29.39 2.10 0.00	27.34 1.71 -0.13	25.71 1.34 0.00	24.61 1.19 0.00	24.42 1.12 0.00	26.39 1.35 0.00	27.71 1.44 0.00	27.33 1.47 0.00	29.23 1.84 0.00	33.88 2.54 0.00	39.22 3.60 0.00	42.45 3.89 0.00	41.44 3.77 0.00	39.95 3.86 0.00	33.97 2.89 0.00	30.34 2.48 0.00	25.82 2.07 0.00
E_CANADA_MHWK_HY 24050	19.00 -0.15 0.00	18.81 -0.17 0.00	17.57 -0.16 0.00	17.19 -0.17 0.00	17.59 -0.18 0.00	20.67 -0.19 0.00	25.50 -0.21 0.00	27.04 -0.25 0.00	25.20 -0.30 0.00	24.06 -0.32 0.00	23.09 -0.33 0.00	22.90 -0.40 0.00	24.64 -0.40 0.00	25.84 -0.42 0.00	25.44 -0.41 0.00	27.01 -0.38 0.00	30.93 -0.41 0.00	35.23 -0.39 0.00	38.18 -0.39 0.00	37.30 -0.38 0.00	35.76 -0.33 0.00	30.76 -0.31 0.00	27.52 -0.33 0.00	23.47 -0.28 0.00
E_FISHKILL__LBMP 23776	22.05 0.82 -2.07	20.82 0.80 -1.03	18.48 0.74 0.00	18.07 0.71 0.00	18.46 0.69 0.00	21.61 0.75 0.00	26.53 0.82 0.00	28.49 1.20 0.00	26.82 1.28 -0.05	25.54 1.17 0.00	24.63 1.22 0.00	24.56 1.26 0.00	26.44 1.40 0.00	27.79 1.52 0.00	27.41 1.55 0.00	29.01 1.62 0.00	33.47 2.13 0.00	37.94 2.32 0.00	41.07 2.51 0.00	40.05 2.37 0.00	38.25 2.16 0.00	32.50 1.43 0.00	29.06 1.20 0.00	24.75 1.00 0.00
FALCON___SEABRD_CC1 323796	18.37 -0.79 0.00	18.28 -0.70 0.00	17.04 -0.69 0.00	16.75 -0.61 0.00	17.25 -0.52 0.00	20.50 -0.35 0.00	25.12 -0.59 0.00	26.77 -0.52 0.00	24.99 -0.51 0.00	23.72 -0.66 0.00	22.62 -0.80 0.00	22.34 -0.96 0.00	23.86 -1.18 0.00	25.03 -1.23 0.00	24.48 -1.37 0.00	26.08 -1.31 0.00	29.99 -1.35 0.00	34.48 -1.14 0.00	38.72 0.15 0.00	37.94 0.27 0.00	36.62 0.54 0.00	31.60 0.53 0.00	28.22 0.36 0.00	24.13 0.38 0.00

FALCON___SEABRD_CC2 323797	18.37 -0.79 0.00	18.28 -0.70 0.00	17.04 -0.69 0.00	16.75 -0.61 0.00	17.25 -0.52 0.00	20.50 -0.35 0.00	25.12 -0.59 0.00	26.77 -0.52 0.00	24.99 -0.51 0.00	23.72 -0.66 0.00	22.62 -0.80 0.00	22.34 -0.96 0.00	23.86 -1.18 0.00	25.03 -1.23 0.00	24.48 -1.37 0.00	26.08 -1.31 0.00	29.99 -1.35 0.00	34.48 -1.14 0.00	38.72 0.15 0.00	37.94 0.27 0.00	36.62 0.54 0.00	31.60 0.53 0.00	28.22 0.36 0.00	24.13 0.38 0.00
FAR ROCKAWAY___4 23548	22.77 1.40 -2.21	21.33 1.33 -1.01	18.96 1.22 0.00	18.51 1.15 0.00	18.91 1.14 0.00	22.17 1.31 0.00	27.15 1.44 0.00	29.25 1.96 0.00	27.56 2.01 -0.05	26.20 1.83 0.00	25.41 1.99 0.00	26.74 2.10 -1.35	27.32 2.28 0.00	29.77 2.50 -1.01	32.47 2.56 -4.06	34.68 2.71 -4.57	38.30 3.42 -3.55	46.35 3.78 -6.94	45.19 4.05 -2.58	44.51 3.88 -2.96	40.59 3.57 -0.93	36.57 2.64 -2.86	30.09 2.23 0.00	25.56 1.81 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.16 0.98 -2.03	20.97 0.97 -1.01	18.60 0.87 0.00	18.19 0.83 0.00	18.57 0.80 0.00	21.75 0.90 0.00	26.74 1.03 0.00	28.79 1.50 0.00	27.13 1.58 -0.05	25.88 1.51 0.00	24.99 1.57 0.00	24.91 1.61 0.00	26.82 1.78 0.00	28.18 1.92 0.00	27.82 1.96 0.00	29.51 2.11 0.00	34.03 2.70 0.00	38.55 2.92 0.00	41.76 3.20 0.00	40.69 3.01 0.00	38.75 2.67 0.00	32.91 1.83 0.00	29.42 1.56 0.00	25.01 1.26 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.16 0.98 -2.03	20.97 0.97 -1.01	18.60 0.87 0.00	18.19 0.83 0.00	18.57 0.80 0.00	21.75 0.90 0.00	26.74 1.03 0.00	28.79 1.50 0.00	27.13 1.58 -0.05	25.88 1.51 0.00	24.99 1.57 0.00	24.91 1.61 0.00	26.82 1.78 0.00	28.18 1.92 0.00	27.82 1.96 0.00	29.51 2.11 0.00	34.03 2.70 0.00	38.55 2.92 0.00	41.76 3.20 0.00	40.69 3.01 0.00	38.79 2.71 0.00	32.91 1.83 0.00	29.42 1.56 0.00	25.01 1.26 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.16 0.98 -2.03	20.95 0.95 -1.01	18.60 0.87 0.00	18.19 0.83 0.00	18.57 0.80 0.00	21.75 0.90 0.00	26.74 1.03 0.00	28.76 1.47 0.00	27.10 1.56 -0.05	25.88 1.51 0.00	24.96 1.55 0.00	24.88 1.58 0.00	26.82 1.78 0.00	28.18 1.92 0.00	27.82 1.96 0.00	29.51 2.11 0.00	34.00 2.66 0.00	38.51 2.89 0.00	41.72 3.16 0.00	40.65 2.98 0.00	38.75 2.67 0.00	32.88 1.80 0.00	29.42 1.56 0.00	24.99 1.24 0.00
FARRAGUT___LBMP 323566	22.14 0.96 -2.03	20.95 0.95 -1.01	18.59 0.85 0.00	18.18 0.82 0.00	18.55 0.78 0.00	21.73 0.88 0.00	26.71 1.00 0.00	28.74 1.45 0.00	27.08 1.53 -0.05	25.86 1.49 0.00	24.94 1.52 0.00	24.86 1.56 0.00	26.79 1.75 0.00	28.15 1.89 0.00	27.79 1.94 0.00	29.48 2.08 0.00	33.97 2.63 0.00	38.51 2.89 0.00	41.68 3.12 0.00	40.61 2.94 0.00	38.72 2.63 0.00	32.85 1.77 0.00	29.39 1.53 0.00	24.99 1.24 0.00
FENNER___WINDPWR 24204	19.78 0.23 -0.39	19.36 0.19 -0.19	17.91 0.18 0.00	17.53 0.17 0.00	17.96 0.20 0.00	21.13 0.27 0.00	26.22 0.51 0.00	27.83 0.55 0.00	25.90 0.41 0.01	24.76 0.39 0.00	23.72 0.30 0.00	23.60 0.30 0.00	25.36 0.32 0.01	26.58 0.37 0.05	26.20 0.39 0.04	27.68 0.38 0.10	31.65 0.53 0.22	35.95 0.68 0.36	39.81 0.85 -0.41	38.04 0.79 0.43	37.37 0.86 -0.43	31.42 0.56 0.21	28.27 0.47 0.06	24.13 0.38 0.00
FIBERTEK___ENERGY 23856	19.20 -0.13 -0.18	18.90 -0.17 -0.09	17.59 -0.14 0.00	17.22 -0.14 0.00	17.64 -0.12 0.00	20.73 -0.13 0.00	25.68 -0.03 0.00	27.13 -0.16 0.00	25.32 -0.18 0.00	24.25 -0.12 0.00	23.25 -0.16 0.00	23.16 -0.14 0.00	24.89 -0.15 0.00	26.11 -0.16 0.00	25.70 -0.16 0.00	27.21 -0.19 0.00	31.24 -0.09 0.00	35.48 -0.14 0.00	38.45 -0.12 0.00	37.56 -0.11 0.00	35.97 -0.11 0.00	30.89 -0.19 0.00	27.75 -0.11 0.00	23.61 -0.14 0.00
FITZPATRICK____ 23598	18.83 -0.44 -0.11	18.58 -0.46 -0.05	17.31 -0.43 0.00	16.96 -0.40 0.00	17.36 -0.41 0.00	20.38 -0.48 0.00	25.20 -0.51 0.00	26.53 -0.76 0.00	24.76 -0.74 0.00	23.72 -0.66 0.00	22.76 -0.66 0.00	22.67 -0.63 0.00	24.34 -0.70 0.00	25.56 -0.71 0.00	25.16 -0.70 0.00	26.60 -0.80 0.00	30.49 -0.84 0.00	34.70 -0.93 0.00	37.56 -1.00 0.00	36.66 -1.02 0.00	35.11 -0.97 0.00	30.21 -0.87 0.00	27.11 -0.75 0.00	23.09 -0.66 0.00
FLOWRFLD_69_KV_BK1 356044	22.86 1.49 -2.21	21.42 1.42 -1.01	19.05 1.31 0.00	18.54 1.18 0.00	18.99 1.23 0.00	22.25 1.40 0.00	27.10 1.39 0.00	29.23 1.94 0.00	27.51 1.96 -0.05	26.08 1.71 0.00	25.31 1.90 0.00	26.70 2.05 -1.35	27.17 2.13 0.00	29.61 2.34 -1.01	32.29 2.38 -4.06	34.57 2.60 -4.57	38.21 3.32 -3.55	46.46 3.88 -6.95	45.35 4.20 -2.58	44.58 3.96 -2.96	40.59 3.57 -0.93	36.42 2.49 -2.86	29.95 2.09 0.00	25.44 1.69 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.10 0.92 -2.02	20.87 0.87 -1.01	18.57 0.83 0.00	18.18 0.82 0.00	18.53 0.76 0.00	21.71 0.86 0.00	26.71 1.00 0.00	28.65 1.36 0.00	26.96 1.43 -0.03	25.64 1.27 0.00	24.70 1.29 0.00	24.60 1.30 0.00	26.49 1.45 0.00	27.89 1.63 0.00	27.56 1.71 0.00	29.21 1.81 0.00	33.69 2.35 0.00	38.26 2.64 0.00	41.45 2.89 0.00	40.46 2.79 0.00	38.64 2.56 0.00	32.85 1.77 0.00	29.31 1.45 0.00	24.92 1.16 0.00
FORT ORANGE____ 23900	22.43 0.73 -2.55	20.96 0.70 -1.27	18.43 0.69 0.00	18.04 0.68 0.00	18.43 0.66 0.00	21.50 0.65 0.00	26.30 0.59 0.00	28.11 0.82 0.00	25.44 0.89 0.95	25.08 0.71 0.00	24.12 0.70 0.00	23.97 0.68 0.00	25.79 0.75 0.00	26.97 0.71 0.00	26.52 0.67 0.00	28.16 0.77 0.00	32.37 1.03 0.00	36.98 1.35 0.00	39.95 1.39 0.00	39.03 1.35 0.00	37.38 1.30 0.00	31.88 0.81 0.00	28.53 0.67 0.00	24.39 0.64 0.00
FORT_DRUM_COGEN 23780	18.81 -0.44 -0.09	18.58 -0.46 -0.05	17.27 -0.46 0.00	16.89 -0.47 0.00	17.34 -0.43 0.00	20.52 -0.33 0.00	25.61 -0.10 0.00	27.26 -0.03 0.00	25.28 -0.23 -0.01	23.98 -0.39 0.00	22.95 -0.47 0.00	22.76 -0.54 0.00	24.32 -0.73 -0.01	25.54 -0.76 -0.04	25.16 -0.72 -0.03	26.82 -0.66 -0.08	30.76 -0.75 -0.17	35.27 -0.64 -0.28	38.66 -0.27 -0.36	37.90 -0.11 -0.34	36.63 0.25 -0.30	31.21 -0.03 -0.17	27.77 -0.14 -0.05	23.56 -0.19 0.00
FOX_HILLS___ESR 323835	22.24 1.05 -2.03	20.98 0.99 -1.01	18.60 0.87 0.00	18.21 0.85 0.00	18.55 0.78 0.00	21.71 0.86 0.00	26.69 0.98 0.00	28.74 1.45 0.00	27.19 1.58 -0.10	31.07 1.61 -5.08	38.39 1.66 -13.31	38.69 1.70 -13.69	39.02 1.88 -12.10	39.84 2.00 -11.58	45.42 2.07 -17.50	39.03 2.22 -9.42	54.32 2.85 -20.13	46.82 3.10 -8.10	42.01 3.39 -0.06	41.13 3.20 -0.25	43.28 2.89 -4.31	42.52 1.90 -9.55	39.01 1.64 -9.51	25.07 1.31 -0.01
FPL FAR_ROCK_GT1 24212	22.78 1.40 -2.22	21.33 1.33 -1.01	18.96 1.22 0.00	18.51 1.15 0.00	18.91 1.14 0.00	22.15 1.29 0.00	27.15 1.44 0.00	29.28 1.99 0.00	27.56 2.01 -0.05	26.20 1.83 0.00	25.41 1.99 0.00	26.75 2.10 -1.36	27.32 2.28 0.00	29.75 2.47 -1.02	32.41 2.48 -4.07	34.69 2.71 -4.58	38.22 3.32 -3.56	46.39 3.81 -6.95	45.24 4.09 -2.59	44.55 3.92 -2.96	40.60 3.57 -0.94	36.58 2.64 -2.86	30.12 2.26 -0.01	25.54 1.78 0.00

FPL FAR_ROCK_GT2 23815	22.78 1.40 -2.22	21.33 1.33 -1.01	18.96 1.22 0.00	18.51 1.15 0.00	18.91 1.14 0.00	22.15 1.29 0.00	27.15 1.44 0.00	29.28 1.99 0.00	27.56 2.01 -0.05	26.20 1.83 0.00	25.41 1.99 0.00	26.75 2.10 -1.36	27.32 2.28 0.00	29.75 2.47 -1.02	32.41 2.48 -4.07	34.69 2.71 -4.58	38.22 3.32 -3.56	46.39 3.81 -6.95	45.24 4.09 -2.59	44.55 3.92 -2.96	40.60 3.57 -0.94	36.58 2.64 -2.86	30.12 2.26 -0.01	25.54 1.78 0.00
FRANKLIN_FALL_HYD 24054	18.29 -0.86 0.00	18.23 -0.76 0.00	16.97 -0.76 0.00	16.68 -0.68 0.00	17.16 -0.60 0.00	20.35 -0.50 0.00	25.17 -0.54 0.00	26.80 -0.49 0.00	24.97 -0.54 0.00	23.79 -0.58 0.00	22.74 -0.68 0.00	22.48 -0.82 0.00	24.04 -1.00 0.00	25.24 -1.02 0.00	24.77 -1.09 0.00	26.33 -1.07 0.00	29.99 -1.35 0.00	34.45 -1.18 0.00	38.02 -0.54 0.00	37.29 -0.38 0.00	35.97 -0.11 0.00	31.01 -0.06 0.00	27.75 -0.11 0.00	23.71 -0.05 0.00
FREEPORT_EQUS_GT1 23764	22.70 1.32 -2.22	21.25 1.25 -1.01	18.89 1.15 0.00	18.42 1.06 0.00	18.85 1.08 0.00	22.06 1.21 0.00	27.05 1.34 0.00	29.15 1.86 0.00	27.44 1.89 -0.05	26.05 1.68 0.00	25.29 1.87 0.00	26.64 1.98 -1.36	27.19 2.15 0.00	29.59 2.31 -1.02	32.25 2.33 -4.07	34.50 2.52 -4.58	38.03 3.13 -3.56	46.17 3.60 -6.95	45.04 3.89 -2.59	44.37 3.73 -2.96	40.38 3.36 -0.94	36.39 2.45 -2.86	29.96 2.09 -0.01	25.42 1.66 0.00
FREEPORT___CT2 23818	22.70 1.32 -2.22	21.25 1.25 -1.01	18.89 1.15 0.00	18.42 1.06 0.00	18.85 1.08 0.00	22.06 1.21 0.00	27.05 1.34 0.00	29.15 1.86 0.00	27.44 1.89 -0.05	26.05 1.68 0.00	25.29 1.87 0.00	26.64 1.98 -1.36	27.19 2.15 0.00	29.59 2.31 -1.02	32.25 2.33 -4.07	34.50 2.52 -4.58	38.03 3.13 -3.56	46.17 3.60 -6.95	45.04 3.89 -2.59	44.37 3.73 -2.96	40.38 3.36 -0.94	36.39 2.45 -2.86	29.96 2.09 -0.01	25.42 1.66 0.00
FRESHKLS_33_KV_LOAD 356253	22.20 1.02 -2.03	20.97 0.97 -1.01	18.57 0.83 0.00	18.18 0.82 0.00	18.52 0.75 0.00	21.67 0.81 0.00	26.61 0.90 0.00	28.65 1.36 0.00	27.11 1.50 -0.10	31.02 1.56 -5.08	38.32 1.59 -13.31	38.62 1.63 -13.69	38.95 1.80 -12.10	39.00 1.94 -10.80	39.05 2.02 -11.18	38.95 2.14 -9.42	41.45 2.79 -7.32	41.34 3.06 -2.65	41.35 3.35 0.57	40.97 3.13 -0.17	41.00 2.81 -2.10	39.51 1.83 -6.60	38.95 1.59 -9.51	25.04 1.28 -0.01
FULTON COGEN____ 23766	18.99 -0.31 -0.14	18.73 -0.32 -0.07	17.43 -0.30 0.00	17.06 -0.30 0.00	17.48 -0.28 0.00	20.54 -0.31 0.00	25.43 -0.28 0.00	26.83 -0.46 0.00	25.07 -0.46 -0.03	23.96 -0.41 0.00	23.00 -0.42 0.00	22.90 -0.40 0.00	24.64 -0.43 -0.03	25.98 -0.45 -0.16	25.52 -0.47 -0.13	27.22 -0.49 -0.31	31.57 -0.47 -0.70	36.24 -0.53 -1.15	39.50 -0.54 -1.47	38.52 -0.53 -1.37	36.75 -0.54 -1.21	31.23 -0.53 -0.69	27.62 -0.45 -0.21	23.33 -0.43 0.00
FULTON___LFGE 323630	23.40 1.36 -2.88	21.77 1.35 -1.44	18.96 1.22 0.00	18.54 1.18 0.00	19.03 1.26 0.00	22.48 1.63 0.00	27.79 2.08 0.00	29.36 2.07 0.00	27.38 1.73 -0.14	25.74 1.36 0.00	24.68 1.26 0.00	24.46 1.16 0.00	26.47 1.43 0.00	27.76 1.50 0.00	27.38 1.52 0.00	29.23 1.84 0.00	33.85 2.51 0.00	39.12 3.49 0.00	42.30 3.74 0.00	41.32 3.65 0.00	39.80 3.72 0.00	33.84 2.76 0.00	30.22 2.37 0.00	25.75 2.00 0.00
G.F.CEMENT___DRP 24184	23.06 1.26 -2.64	21.56 1.25 -1.32	18.89 1.15 0.00	18.47 1.11 0.00	18.92 1.15 0.00	22.29 1.44 0.00	27.53 1.83 0.00	29.39 2.10 0.00	27.93 2.07 -0.36	26.20 1.83 0.00	25.01 1.59 0.00	24.81 1.51 0.00	26.69 1.65 0.00	27.92 1.65 0.00	27.46 1.60 0.00	29.12 1.73 0.00	33.66 2.32 0.00	38.58 2.96 0.00	41.92 3.35 0.00	40.91 3.24 0.00	39.47 3.39 0.00	33.59 2.52 0.00	30.00 2.15 0.00	25.56 1.81 0.00
GARDENVILLE___LBMP 24039	17.76 -1.51 -0.12	17.48 -1.58 -0.07	16.35 -1.38 0.00	16.02 -1.34 0.00	16.44 -1.33 0.00	19.23 -1.63 0.00	23.96 -1.75 0.00	25.41 -1.88 0.00	23.94 -1.53 0.03	23.15 -1.22 0.00	22.22 -1.19 0.00	22.09 -1.21 0.03	23.63 -1.38 0.19	24.18 -1.89 0.16	23.73 -1.96 0.16	24.67 -2.36 0.37	28.25 -2.26 0.83	31.63 -2.64 1.36	32.67 -3.12 2.77	33.06 -2.98 1.63	30.97 -2.74 2.37	27.96 -2.30 0.81	26.11 -1.50 0.25	22.68 -1.07 0.00
GARDNVLA_35_KV_LD 355827	17.82 -1.46 -0.12	17.53 -1.52 -0.07	16.42 -1.31 0.00	16.07 -1.28 0.00	16.49 -1.28 0.00	19.29 -1.56 0.00	24.06 -1.65 0.00	25.52 -1.77 0.00	24.04 -1.43 0.03	23.25 -1.12 0.00	22.32 -1.10 0.00	22.18 -1.12 0.00	23.73 -1.28 0.03	24.29 -1.79 0.19	23.81 -1.89 0.16	24.76 -2.27 0.37	28.35 -2.16 0.83	31.78 -2.49 1.35	32.79 -3.01 2.77	33.22 -2.83 1.62	31.08 -2.63 2.37	28.06 -2.21 0.81	26.19 -1.42 0.25	22.76 -1.00 0.00
GELCKHM___115KV_LOAD 80723	19.09 -0.23 -0.16	18.82 -0.25 -0.08	17.50 -0.23 0.00	17.13 -0.23 0.00	17.56 -0.21 0.00	20.63 -0.23 0.00	25.53 -0.18 0.00	26.96 -0.33 0.00	25.16 -0.33 0.01	24.10 -0.27 0.00	23.14 -0.28 0.00	23.02 -0.28 0.00	24.73 -0.30 0.01	25.87 -0.32 0.08	25.48 -0.31 0.07	26.89 -0.36 0.15	30.71 -0.28 0.35	34.70 -0.36 0.57	37.45 -0.39 0.73	36.62 -0.38 0.68	35.13 -0.36 0.60	30.36 -0.37 0.34	27.45 -0.31 0.10	23.47 -0.29 0.00
GENERAL___MILLS 23808	17.78 -1.49 -0.12	17.50 -1.56 -0.07	16.39 -1.35 0.00	16.06 -1.30 0.00	16.45 -1.31 0.00	19.27 -1.58 0.00	24.01 -1.70 0.00	25.46 -1.83 0.00	23.99 -1.48 0.03	23.20 -1.17 0.00	22.29 -1.12 0.00	22.13 -1.16 0.00	23.68 -1.33 0.03	24.24 -1.84 0.19	23.76 -1.94 0.16	24.73 -2.30 0.37	28.29 -2.23 0.83	31.71 -2.57 1.36	32.71 -3.08 2.77	33.15 -2.90 1.63	31.04 -2.67 2.37	28.00 -2.27 0.81	26.13 -1.48 0.25	22.73 -1.02 0.00
GE_PLASTICS___DRP 24183	22.32 0.61 -2.55	20.85 0.59 -1.27	18.30 0.57 0.00	17.92 0.56 0.00	18.30 0.53 0.00	21.40 0.54 0.00	26.22 0.51 0.00	28.03 0.74 0.00	25.51 0.82 0.80	25.03 0.66 0.00	24.10 0.68 0.00	23.97 0.68 0.00	25.79 0.75 0.00	27.00 0.74 0.00	26.58 0.72 0.00	28.11 0.71 0.00	32.40 1.07 0.00	36.91 1.28 0.00	39.87 1.31 0.00	38.95 1.28 0.00	37.31 1.23 0.00	31.85 0.78 0.00	28.47 0.61 0.00	24.35 0.59 0.00
GILBOA___1 23756	21.61 0.48 -1.97	20.45 0.47 -0.98	18.18 0.44 0.00	17.78 0.42 0.00	18.18 0.41 0.00	21.29 0.44 0.00	26.20 0.49 0.00	28.03 0.74 0.00	26.24 0.74 0.00	25.05 0.68 0.00	24.10 0.68 0.00	24.00 0.70 0.00	25.84 0.80 0.00	27.08 0.82 0.00	26.66 0.80 0.00	28.25 0.85 0.00	32.47 1.13 0.00	36.91 1.28 0.00	39.83 1.27 0.00	38.91 1.24 0.00	37.27 1.19 0.00	31.88 0.81 0.00	28.55 0.70 0.00	24.35 0.59 0.00
GILBOA___2 23757	21.61 0.48 -1.97	20.45 0.47 -0.98	18.18 0.44 0.00	17.78 0.42 0.00	18.18 0.41 0.00	21.29 0.44 0.00	26.20 0.49 0.00	28.03 0.74 0.00	26.24 0.74 0.00	25.05 0.68 0.00	24.10 0.68 0.00	24.00 0.70 0.00	25.84 0.80 0.00	27.08 0.82 0.00	26.66 0.80 0.00	28.25 0.85 0.00	32.47 1.13 0.00	36.91 1.28 0.00	39.83 1.27 0.00	38.91 1.24 0.00	37.27 1.19 0.00	31.88 0.81 0.00	28.55 0.70 0.00	24.35 0.59 0.00

GILBOA___3 23758	21.61 0.48 -1.97	20.45 0.47 -0.98	18.18 0.44 0.00	17.78 0.42 0.00	18.18 0.41 0.00	21.29 0.44 0.00	26.20 0.49 0.00	28.03 0.74 0.00	26.24 0.74 0.00	25.05 0.68 0.00	24.10 0.68 0.00	24.00 0.70 0.00	25.84 0.80 0.00	27.08 0.82 0.00	26.66 0.80 0.00	28.25 0.85 0.00	32.47 1.13 0.00	36.91 1.28 0.00	39.83 1.27 0.00	38.91 1.24 0.00	37.27 1.19 0.00	31.88 0.81 0.00	28.55 0.70 0.00	24.35 0.59 0.00
GILBOA___4 23759	21.61 0.48 -1.97	20.45 0.47 -0.98	18.18 0.44 0.00	17.78 0.42 0.00	18.18 0.41 0.00	21.29 0.44 0.00	26.20 0.49 0.00	28.03 0.74 0.00	26.24 0.74 0.00	25.05 0.68 0.00	24.10 0.68 0.00	24.00 0.70 0.00	25.84 0.80 0.00	27.08 0.82 0.00	26.66 0.80 0.00	28.25 0.85 0.00	32.47 1.13 0.00	36.91 1.28 0.00	39.83 1.27 0.00	38.91 1.24 0.00	37.27 1.19 0.00	31.88 0.81 0.00	28.55 0.70 0.00	24.35 0.59 0.00
GILBOA___ 23599	21.61 0.48 -1.97	20.44 0.47 -0.98	18.18 0.44 0.00	17.78 0.42 0.00	18.18 0.41 0.00	21.29 0.44 0.00	26.20 0.49 0.00	28.03 0.74 0.00	26.24 0.74 0.00	25.06 0.68 0.00	24.10 0.68 0.00	24.00 0.70 0.00	25.84 0.80 0.00	27.10 0.84 0.00	26.68 0.83 0.00	28.25 0.85 0.00	32.53 1.19 0.00	36.91 1.28 0.00	39.83 1.27 0.00	38.91 1.24 0.00	37.27 1.19 0.00	31.88 0.81 0.00	28.55 0.70 0.00	24.35 0.59 0.00
GINNA___ 23603	17.69 -1.57 -0.10	17.41 -1.63 -0.06	16.26 -1.47 0.00	15.95 -1.41 0.00	16.31 -1.46 0.00	19.23 -1.63 0.00	23.83 -1.88 0.00	25.41 -1.88 0.00	23.71 -1.76 0.04	22.86 -1.51 0.00	21.94 -1.47 0.00	21.83 -1.47 0.00	23.45 -1.55 0.04	24.52 -1.52 0.22	24.09 -1.58 0.18	25.00 -1.97 0.43	28.35 -2.04 0.96	31.85 -2.21 1.56	33.54 -2.43 2.59	33.39 -2.41 1.87	31.49 -2.42 2.18	28.12 -2.02 0.94	25.93 -1.64 0.28	22.18 -1.57 0.00
GLEN PARK___ 23778	18.94 -0.31 -0.09	18.71 -0.32 -0.05	17.40 -0.34 0.00	17.01 -0.35 0.00	17.47 -0.30 0.00	20.65 -0.21 0.00	25.81 0.10 0.00	27.45 0.16 0.00	25.43 -0.08 -0.01	24.13 -0.24 0.00	23.07 -0.35 0.00	22.88 -0.42 0.00	24.42 -0.63 -0.01	25.70 -0.60 -0.04	25.32 -0.57 -0.04	26.99 -0.49 -0.08	30.99 -0.53 -0.19	35.61 -0.32 -0.31	39.07 0.12 -0.40	38.23 0.19 -0.37	36.98 0.58 -0.32	31.48 0.22 -0.18	27.97 0.06 -0.06	23.73 -0.02 0.00
GLENDALE_27_KV_LOAD 356172	22.28 1.09 -2.03	21.06 1.06 -1.01	18.69 0.96 0.00	18.28 0.92 0.00	18.64 0.87 0.00	21.83 0.98 0.00	26.81 1.11 0.00	28.87 1.58 0.00	27.26 1.71 -0.05	26.08 1.71 0.00	25.49 1.76 -0.31	25.59 1.79 -0.49	27.26 1.98 -0.24	28.39 2.13 0.00	29.36 2.17 -1.34	29.73 2.33 0.00	37.14 2.95 -2.85	39.97 3.21 -1.14	42.03 3.47 0.00	40.99 3.32 0.00	39.04 2.96 0.00	33.10 2.02 0.00	29.58 1.73 0.00	25.13 1.38 0.00
GLENWOOD_IC_1_G5 23712	22.65 1.28 -2.21	21.21 1.22 -1.01	18.85 1.12 0.00	18.40 1.04 0.00	18.82 1.05 0.00	22.04 1.19 0.00	27.02 1.31 0.00	29.12 1.83 0.00	27.41 1.86 -0.05	26.05 1.68 0.00	25.27 1.85 0.00	26.60 1.96 -1.35	27.17 2.13 0.00	29.61 2.34 -1.01	32.29 2.38 -4.06	34.49 2.52 -4.57	38.09 3.20 -3.55	45.95 3.38 -6.94	44.81 3.66 -2.58	44.25 3.62 -2.96	40.34 3.32 -0.93	36.32 2.39 -2.86	29.86 2.01 0.00	25.37 1.62 0.00
GLENWOOD_IC_2_G1 23688	22.61 1.23 -2.22	21.17 1.18 -1.01	18.82 1.08 0.00	18.37 1.01 0.00	18.78 1.01 0.00	21.98 1.13 0.00	26.94 1.23 0.00	29.04 1.75 0.00	27.36 1.81 -0.05	25.98 1.61 0.00	25.20 1.78 0.00	26.54 1.89 -1.36	27.07 2.03 0.00	29.46 2.18 -1.02	32.12 2.20 -4.07	34.39 2.41 -4.58	37.88 2.98 -3.56	45.93 3.35 -6.95	44.74 3.59 -2.59	44.18 3.54 -2.96	40.20 3.18 -0.94	36.21 2.27 -2.86	29.79 1.92 -0.01	25.30 1.54 0.00
GLENWOOD_IC_3_G1 23689	22.61 1.23 -2.22	21.17 1.18 -1.01	18.82 1.08 0.00	18.37 1.01 0.00	18.78 1.01 0.00	21.98 1.13 0.00	26.94 1.23 0.00	29.04 1.75 0.00	27.36 1.81 -0.05	25.98 1.61 0.00	25.20 1.78 0.00	26.54 1.89 -1.36	27.07 2.03 0.00	29.46 2.18 -1.02	32.12 2.20 -4.07	34.39 2.41 -4.58	37.88 2.98 -3.56	45.93 3.35 -6.95	44.74 3.59 -2.59	44.18 3.54 -2.96	40.20 3.18 -0.94	36.21 2.27 -2.86	29.79 1.92 -0.01	25.30 1.54 0.00
GLENWOOD___4 23550	22.65 1.28 -2.21	21.21 1.22 -1.01	18.85 1.12 0.00	18.40 1.04 0.00	18.82 1.05 0.00	22.04 1.19 0.00	27.02 1.31 0.00	29.12 1.83 0.00	27.41 1.86 -0.05	26.05 1.68 0.00	25.27 1.85 0.00	26.60 1.96 -1.35	27.17 2.13 0.00	29.61 2.34 -1.01	32.29 2.38 -4.06	34.49 2.52 -4.57	38.09 3.20 -3.55	46.02 3.46 -6.94	44.85 3.70 -2.58	44.25 3.62 -2.96	40.34 3.32 -0.93	36.32 2.39 -2.86	29.86 2.01 0.00	25.37 1.62 0.00
GLENWOOD___5 23614	22.65 1.28 -2.21	21.21 1.22 -1.01	18.85 1.12 0.00	18.40 1.04 0.00	18.82 1.05 0.00	22.04 1.19 0.00	27.02 1.31 0.00	29.12 1.83 0.00	27.41 1.86 -0.05	26.05 1.68 0.00	25.27 1.85 0.00	26.60 1.96 -1.35	27.17 2.13 0.00	29.61 2.34 -1.01	32.29 2.38 -4.06	34.49 2.52 -4.57	38.09 3.20 -3.55	46.02 3.46 -6.94	44.85 3.70 -2.58	44.25 3.62 -2.96	40.34 3.32 -0.93	36.32 2.39 -2.86	29.86 2.01 0.00	25.37 1.62 0.00
GLOBAL GREEN_PORT_GT1 23814	23.16 1.78 -2.22	21.71 1.71 -1.01	19.30 1.56 0.00	18.78 1.42 0.00	19.21 1.44 0.00	22.63 1.77 0.00	27.43 1.72 0.00	29.55 2.26 0.00	27.87 2.32 -0.05	26.37 2.00 0.00	25.66 2.25 0.00	27.06 2.40 -1.36	27.50 2.46 0.00	29.96 2.68 -1.02	32.66 2.74 -4.07	35.07 3.10 -4.58	38.85 3.95 -3.56	47.50 4.92 -6.96	46.39 5.24 -2.59	45.61 4.97 -2.96	41.39 4.36 -0.94	36.83 2.89 -2.86	29.90 2.03 -0.01	25.34 1.59 0.00
GLOBE___DSASP 323697	17.05 -2.22 -0.12	16.77 -2.28 -0.07	15.69 -2.04 0.00	15.54 -1.82 0.00	15.76 -2.01 0.00	18.44 -2.42 0.00	22.98 -2.73 0.00	24.34 -2.95 0.00	22.99 -2.47 0.03	22.28 -2.10 0.00	21.38 -2.04 0.00	21.25 -2.05 0.00	22.75 -2.25 0.04	23.36 -2.71 0.20	22.87 -2.82 0.17	23.77 -3.23 0.39	27.04 -3.42 0.88	30.27 -3.92 1.44	31.30 -4.51 2.75	31.50 -4.45 1.73	29.47 -4.26 2.35	26.73 -3.48 0.86	25.23 -2.37 0.26	22.02 -1.73 0.00
GOETHSLN___LBMP 323567	22.07 0.88 -2.03	20.87 0.87 -1.01	18.51 0.78 0.00	18.11 0.75 0.00	18.48 0.71 0.00	21.65 0.79 0.00	26.61 0.90 0.00	28.65 1.36 0.00	27.00 1.45 -0.05	25.76 1.39 0.00	24.87 1.45 0.00	24.79 1.49 0.00	26.69 1.65 0.00	28.05 1.79 0.00	27.69 1.84 0.00	29.37 1.97 0.00	29.18 2.48 4.63	36.14 2.67 2.16	40.89 2.89 0.56	40.38 2.71 0.00	37.63 2.42 0.87	32.69 1.62 0.00	29.28 1.42 0.00	24.87 1.12 0.00
GOLAH___69_KV_TB 1_2 80279	18.33 -0.94 -0.11	18.02 -1.03 -0.06	16.83 -0.90 0.00	16.51 -0.85 0.00	16.92 -0.85 0.00	19.92 -0.94 0.00	24.68 -1.03 0.00	26.25 -1.04 0.00	24.57 -0.89 0.04	23.74 -0.63 0.00	22.76 -0.66 0.00	22.60 -0.70 0.00	24.25 -0.75 0.04	25.10 -0.95 0.22	24.58 -1.09 0.19	25.65 -1.32 0.43	29.19 -1.19 0.96	32.81 -1.25 1.57	34.34 -1.58 2.64	34.39 -1.39 1.89	32.29 -1.55 2.24	28.98 -1.15 0.94	26.82 -0.75 0.29	22.99 -0.76 0.00

GOODYEAR_LAKE_HYD 323669	20.30 0.67 -0.47	19.87 0.65 -0.24	18.34 0.60 0.00	17.93 0.57 0.00	18.37 0.60 0.00	21.61 0.75 0.00	26.79 1.08 0.00	28.52 1.23 0.00	26.59 1.05 -0.04	25.32 0.95 0.00	24.28 0.87 0.00	24.16 0.86 0.00	25.99 0.95 0.00	27.29 1.02 0.00	26.91 1.06 0.00	28.60 1.21 0.00	32.94 1.60 0.00	37.59 1.96 0.00	40.68 2.12 0.00	39.71 2.03 0.00	38.14 2.06 0.00	32.50 1.43 0.00	29.08 1.23 0.00	24.75 1.00 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	19.48 -0.19 -0.52	19.02 -0.23 -0.26	17.56 -0.18 0.00	17.17 -0.19 0.00	17.61 -0.16 0.00	20.65 -0.21 0.00	25.56 -0.15 0.00	27.23 -0.05 0.00	25.44 -0.05 0.01	24.37 0.00 0.00	23.39 -0.02 0.00	23.28 -0.02 0.00	25.00 -0.03 0.01	26.10 -0.11 0.06	25.70 -0.10 0.05	27.12 -0.16 0.11	31.14 0.06 0.26	35.20 0.00 0.42	37.56 -0.04 0.96	37.13 -0.04 0.51	35.40 0.00 0.68	30.67 -0.16 0.25	27.75 -0.03 0.08	23.75 0.00 0.00
GOUDEY___7 23579	19.48 -0.19 -0.52	19.02 -0.23 -0.26	17.56 -0.18 0.00	17.17 -0.19 0.00	17.61 -0.16 0.00	20.65 -0.21 0.00	25.56 -0.15 0.00	27.23 -0.05 0.00	25.44 -0.05 0.01	24.37 0.00 0.00	23.39 -0.02 0.00	23.28 -0.02 0.00	25.00 -0.03 0.01	26.10 -0.11 0.06	25.70 -0.10 0.05	27.12 -0.16 0.11	31.14 0.06 0.26	35.20 0.00 0.42	37.56 -0.04 0.96	37.13 -0.04 0.51	35.40 0.00 0.68	30.67 -0.16 0.25	27.75 -0.03 0.08	23.75 0.00 0.00
GOUDEY___8 23580	19.48 -0.19 -0.52	19.02 -0.23 -0.26	17.56 -0.18 0.00	17.17 -0.19 0.00	17.61 -0.16 0.00	20.65 -0.21 0.00	25.56 -0.15 0.00	27.23 -0.05 0.00	25.44 -0.05 0.01	24.37 0.00 0.00	23.39 -0.02 0.00	23.28 -0.02 0.00	25.00 -0.03 0.01	26.10 -0.11 0.06	25.70 -0.10 0.05	27.12 -0.16 0.11	31.14 0.06 0.26	35.20 0.00 0.42	37.56 -0.04 0.96	37.13 -0.04 0.51	35.40 0.00 0.68	30.67 -0.16 0.25	27.75 -0.03 0.08	23.75 0.00 0.00
GOWANUS_GT1_1 24077	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.26 0.90 0.00	18.60 0.84 0.00	21.77 0.92 0.00	26.76 1.05 0.00	28.84 1.56 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.76 1.77 -13.69	39.12 1.98 -12.10	39.94 2.10 -11.58	45.52 2.17 -17.50	39.12 2.30 -9.42	54.41 2.95 -20.13	46.96 3.24 -8.10	42.13 3.51 -0.06	41.24 3.32 -0.25	43.38 2.99 -4.31	42.64 2.02 -9.55	39.09 1.73 -9.51	25.14 1.38 -0.01
GOWANUS_GT1_2 24078	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.26 0.90 0.00	18.60 0.84 0.00	21.77 0.92 0.00	26.76 1.05 0.00	28.84 1.56 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.76 1.77 -13.69	39.12 1.98 -12.10	39.94 2.10 -11.58	45.52 2.17 -17.50	39.12 2.30 -9.42	54.41 2.95 -20.13	46.96 3.24 -8.10	42.13 3.51 -0.06	41.24 3.32 -0.25	43.38 2.99 -4.31	42.64 2.02 -9.55	39.09 1.73 -9.51	25.14 1.38 -0.01
GOWANUS_GT1_3 24079	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.26 0.90 0.00	18.60 0.84 0.00	21.77 0.92 0.00	26.76 1.05 0.00	28.84 1.56 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.76 1.77 -13.69	39.12 1.98 -12.10	39.94 2.10 -11.58	45.52 2.17 -17.50	39.12 2.30 -9.42	54.41 2.95 -20.13	46.96 3.24 -8.10	42.13 3.51 -0.06	41.24 3.32 -0.25	43.38 2.99 -4.31	42.64 2.02 -9.55	39.09 1.73 -9.51	25.14 1.38 -0.01
GOWANUS_GT1_4 24080	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.26 0.90 0.00	18.60 0.84 0.00	21.77 0.92 0.00	26.76 1.05 0.00	28.84 1.56 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.76 1.77 -13.69	39.12 1.98 -12.10	39.94 2.10 -11.58	45.52 2.17 -17.50	39.12 2.30 -9.42	54.41 2.95 -20.13	46.96 3.24 -8.10	42.13 3.51 -0.06	41.24 3.32 -0.25	43.38 2.99 -4.31	42.64 2.02 -9.55	39.09 1.73 -9.51	25.14 1.38 -0.01
GOWANUS_GT1_5 24084	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.26 0.90 0.00	18.60 0.84 0.00	21.77 0.92 0.00	26.76 1.05 0.00	28.84 1.56 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.76 1.77 -13.69	39.12 1.98 -12.10	39.94 2.10 -11.58	45.52 2.17 -17.50	39.12 2.30 -9.42	54.41 2.95 -20.13	46.96 3.24 -8.10	42.13 3.51 -0.06	41.24 3.32 -0.25	43.38 2.99 -4.31	42.64 2.02 -9.55	39.09 1.73 -9.51	25.14 1.38 -0.01
GOWANUS_GT1_6 24111	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.26 0.90 0.00	18.60 0.84 0.00	21.77 0.92 0.00	26.76 1.05 0.00	28.84 1.56 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.76 1.77 -13.69	39.12 1.98 -12.10	39.94 2.10 -11.58	45.52 2.17 -17.50	39.12 2.30 -9.42	54.41 2.95 -20.13	46.96 3.24 -8.10	42.13 3.51 -0.06	41.24 3.32 -0.25	43.38 2.99 -4.31	42.64 2.02 -9.55	39.09 1.73 -9.51	25.14 1.38 -0.01
GOWANUS_GT1_7 24112	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.26 0.90 0.00	18.60 0.84 0.00	21.77 0.92 0.00	26.76 1.05 0.00	28.84 1.56 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.76 1.77 -13.69	39.12 1.98 -12.10	39.94 2.10 -11.58	45.52 2.17 -17.50	39.12 2.30 -9.42	54.41 2.95 -20.13	46.96 3.24 -8.10	42.13 3.51 -0.06	41.24 3.32 -0.25	43.38 2.99 -4.31	42.64 2.02 -9.55	39.09 1.73 -9.51	25.14 1.38 -0.01
GOWANUS_GT1_8 24113	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.26 0.90 0.00	18.60 0.84 0.00	21.77 0.92 0.00	26.76 1.05 0.00	28.84 1.56 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.76 1.77 -13.69	39.12 1.98 -12.10	39.94 2.10 -11.58	45.52 2.17 -17.50	39.12 2.30 -9.42	54.41 2.95 -20.13	46.96 3.24 -8.10	42.13 3.51 -0.06	41.24 3.32 -0.25	43.38 2.99 -4.31	42.64 2.02 -9.55	39.09 1.73 -9.51	25.14 1.38 -0.01
GOWANUS_GT2_1 24114	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
GOWANUS_GT2_2 24115	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
GOWANUS_GT2_3 24116	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01

GOWANUS_GT2_4 24117	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
GOWANUS_GT2_5 24118	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
GOWANUS_GT2_6 24119	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
GOWANUS_GT2_7 24120	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
GOWANUS_GT2_8 24121	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
GOWANUS_GT3_1 24122	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
GOWANUS_GT3_2 24123	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
GOWANUS_GT3_3 24124	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
GOWANUS_GT3_4 24125	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
GOWANUS_GT3_5 24126	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
GOWANUS_GT3_6 24127	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
GOWANUS_GT3_7 24128	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
GOWANUS_GT3_8 24129	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
GOWANUS_GT4_1 24130	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.26 0.90 0.00	18.60 0.84 0.00	21.77 0.92 0.00	26.76 1.05 0.00	28.84 1.56 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.76 1.77 -13.69	39.12 1.98 -12.10	39.94 2.10 -11.58	45.52 2.17 -17.50	39.12 2.30 -9.42	54.41 2.95 -20.13	46.96 3.24 -8.10	42.13 3.51 -0.06	41.24 3.32 -0.25	43.38 2.99 -4.31	42.64 2.02 -9.55	39.09 1.73 -9.51	25.14 1.38 -0.01
GOWANUS_GT4_2 24131	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.26 0.90 0.00	18.60 0.84 0.00	21.77 0.92 0.00	26.76 1.05 0.00	28.84 1.56 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.76 1.77 -13.69	39.12 1.98 -12.10	39.94 2.10 -11.58	45.52 2.17 -17.50	39.12 2.30 -9.42	54.41 2.95 -20.13	46.96 3.24 -8.10	42.13 3.51 -0.06	41.24 3.32 -0.25	43.38 2.99 -4.31	42.64 2.02 -9.55	39.09 1.73 -9.51	25.14 1.38 -0.01

GOWANUS_GT4_3 24132	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.26 0.90 0.00	18.60 0.84 0.00	21.77 0.92 0.00	26.76 1.05 0.00	28.84 1.56 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.76 1.77 -13.69	39.12 1.98 -12.10	39.94 2.10 -11.58	45.52 2.17 -17.50	39.12 2.30 -9.42	54.41 2.95 -20.13	46.96 3.24 -8.10	42.13 3.51 -0.06	41.24 3.32 -0.25	43.38 2.99 -4.31	42.64 2.02 -9.55	39.09 1.73 -9.51	25.14 1.38 -0.01
GOWANUS_GT4_4 24133	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.26 0.90 0.00	18.60 0.84 0.00	21.77 0.92 0.00	26.76 1.05 0.00	28.84 1.56 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.76 1.77 -13.69	39.12 1.98 -12.10	39.94 2.10 -11.58	45.52 2.17 -17.50	39.12 2.30 -9.42	54.41 2.95 -20.13	46.96 3.24 -8.10	42.13 3.51 -0.06	41.24 3.32 -0.25	43.38 2.99 -4.31	42.64 2.02 -9.55	39.09 1.73 -9.51	25.14 1.38 -0.01
GOWANUS_GT4_5 24134	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.26 0.90 0.00	18.60 0.84 0.00	21.77 0.92 0.00	26.76 1.05 0.00	28.84 1.56 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.76 1.77 -13.69	39.12 1.98 -12.10	39.94 2.10 -11.58	45.52 2.17 -17.50	39.12 2.30 -9.42	54.41 2.95 -20.13	46.96 3.24 -8.10	42.13 3.51 -0.06	41.24 3.32 -0.25	43.38 2.99 -4.31	42.64 2.02 -9.55	39.09 1.73 -9.51	25.14 1.38 -0.01
GOWANUS_GT4_6 24135	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.26 0.90 0.00	18.60 0.84 0.00	21.77 0.92 0.00	26.76 1.05 0.00	28.84 1.56 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.76 1.77 -13.69	39.12 1.98 -12.10	39.94 2.10 -11.58	45.52 2.17 -17.50	39.12 2.30 -9.42	54.41 2.95 -20.13	46.96 3.24 -8.10	42.13 3.51 -0.06	41.24 3.32 -0.25	43.38 2.99 -4.31	42.64 2.02 -9.55	39.09 1.73 -9.51	25.14 1.38 -0.01
GOWANUS_GT4_7 24136	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.26 0.90 0.00	18.60 0.84 0.00	21.77 0.92 0.00	26.76 1.05 0.00	28.84 1.56 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.76 1.77 -13.69	39.12 1.98 -12.10	39.94 2.10 -11.58	45.52 2.17 -17.50	39.12 2.30 -9.42	54.41 2.95 -20.13	46.96 3.24 -8.10	42.13 3.51 -0.06	41.24 3.32 -0.25	43.38 2.99 -4.31	42.64 2.02 -9.55	39.09 1.73 -9.51	25.14 1.38 -0.01
GOWANUS_GT4_8 24137	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.26 0.90 0.00	18.60 0.84 0.00	21.77 0.92 0.00	26.76 1.05 0.00	28.84 1.56 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.76 1.77 -13.69	39.12 1.98 -12.10	39.94 2.10 -11.58	45.52 2.17 -17.50	39.12 2.30 -9.42	54.41 2.95 -20.13	46.96 3.24 -8.10	42.13 3.51 -0.06	41.24 3.32 -0.25	43.38 2.99 -4.31	42.64 2.02 -9.55	39.09 1.73 -9.51	25.14 1.38 -0.01
GREENBSH_115KV_TB3 55895	22.39 0.67 -2.56	20.93 0.66 -1.28	18.37 0.64 0.00	17.97 0.61 0.00	18.36 0.59 0.00	21.42 0.56 0.00	26.17 0.46 0.00	27.97 0.68 0.00	25.26 0.77 1.01	25.01 0.63 0.00	24.07 0.66 0.00	23.95 0.65 0.00	25.77 0.73 0.00	26.97 0.71 0.00	26.53 0.67 0.00	28.03 0.63 0.00	32.34 1.00 0.00	36.80 1.18 0.00	39.80 1.23 0.00	38.84 1.17 0.00	37.20 1.12 0.00	31.73 0.65 0.00	28.39 0.53 0.00	24.25 0.50 0.00
GREENDGE_115KV_TB5 80291	18.42 -0.57 0.17	18.32 -0.61 0.06	17.22 -0.51 0.00	16.86 -0.50 0.00	17.31 -0.46 0.00	20.33 -0.52 0.00	25.35 -0.36 0.00	27.04 -0.25 0.00	25.25 -0.23 0.02	24.28 -0.10 0.00	23.23 -0.19 0.00	23.11 -0.19 0.00	24.79 -0.23 0.02	25.80 -0.34 0.12	25.37 -0.39 0.10	26.67 -0.49 0.23	30.57 -0.25 0.52	34.46 -0.32 0.85	34.30 -0.35 3.92	36.20 -0.45 1.02	32.30 -0.29 3.50	30.26 -0.31 0.51	27.59 -0.11 0.15	23.63 -0.12 0.00
GREENIDGE___3 23582	18.42 -0.57 0.17	18.32 -0.61 0.06	17.22 -0.51 0.00	16.86 -0.50 0.00	17.31 -0.46 0.00	20.33 -0.52 0.00	25.35 -0.36 0.00	27.04 -0.25 0.00	25.25 -0.23 0.02	24.28 -0.10 0.00	23.23 -0.19 0.00	23.11 -0.19 0.00	24.79 -0.23 0.02	25.80 -0.34 0.12	25.37 -0.39 0.10	26.67 -0.49 0.23	30.57 -0.25 0.52	34.46 -0.32 0.85	34.30 -0.35 3.92	36.20 -0.45 1.02	32.30 -0.29 3.50	30.26 -0.31 0.51	27.59 -0.11 0.15	23.63 -0.12 0.00
GREENIDGE___4 23583	18.42 -0.57 0.17	18.32 -0.61 0.06	17.22 -0.51 0.00	16.86 -0.50 0.00	17.31 -0.46 0.00	20.33 -0.52 0.00	25.35 -0.36 0.00	27.04 -0.25 0.00	25.25 -0.23 0.02	24.28 -0.10 0.00	23.23 -0.19 0.00	23.11 -0.19 0.00	24.82 -0.20 0.02	25.96 -0.18 0.12	25.63 -0.13 0.10	26.70 -0.47 0.23	30.51 -0.31 0.52	34.49 -0.29 0.85	34.37 -0.27 3.92	36.05 -0.60 1.02	32.30 -0.29 3.50	30.26 -0.31 0.51	27.62 -0.08 0.15	23.63 -0.12 0.00
GREENLWN_69_KV_BK 3 55738	22.60 1.23 -2.21	21.16 1.16 -1.01	18.82 1.08 0.00	18.33 0.97 0.00	18.76 1.00 0.00	21.98 1.13 0.00	26.89 1.18 0.00	29.01 1.72 0.00	27.28 1.73 -0.05	25.93 1.56 0.00	25.15 1.73 0.00	26.49 1.84 -1.35	27.02 1.98 0.00	29.45 2.18 -1.01	32.14 2.22 -4.06	34.33 2.36 -4.57	37.93 3.04 -3.55	45.95 3.38 -6.94	44.85 3.70 -2.58	44.13 3.50 -2.96	40.16 3.14 -0.93	36.14 2.21 -2.86	29.72 1.87 0.00	25.25 1.50 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.26 0.90 0.00	18.60 0.84 0.00	21.77 0.92 0.00	26.76 1.05 0.00	28.84 1.56 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.76 1.77 -13.69	39.12 1.98 -12.10	39.94 2.10 -11.58	45.52 2.17 -17.50	39.12 2.30 -9.42	54.41 2.95 -20.13	46.96 3.24 -8.10	42.13 3.51 -0.06	41.24 3.32 -0.25	43.38 2.99 -4.31	42.64 2.02 -9.55	39.09 1.73 -9.51	25.14 1.38 -0.01
GRISSOM___SOLAR 323813	23.29 1.28 -2.85	21.68 1.27 -1.42	18.89 1.15 0.00	18.47 1.11 0.00	18.94 1.17 0.00	22.38 1.52 0.00	27.64 1.93 0.00	29.28 1.99 0.00	27.33 1.68 -0.14	25.74 1.36 0.00	24.66 1.24 0.00	24.46 1.16 0.00	26.47 1.43 0.00	27.76 1.50 0.00	27.35 1.50 0.00	29.18 1.78 0.00	33.75 2.41 0.00	38.94 3.31 0.00	42.07 3.51 0.00	41.10 3.43 0.00	39.55 3.46 0.00	33.65 2.58 0.00	30.06 2.20 0.00	25.63 1.88 0.00
GROVEVILLE___HYD 323602	22.10 0.92 -2.02	20.87 0.87 -1.01	18.57 0.83 0.00	18.18 0.82 0.00	18.53 0.76 0.00	21.71 0.86 0.00	26.71 1.00 0.00	28.65 1.36 0.00	26.96 1.43 -0.03	25.64 1.27 0.00	24.70 1.29 0.00	24.60 1.30 0.00	26.49 1.45 0.00	27.89 1.63 0.00	27.56 1.71 0.00	29.21 1.81 0.00	33.69 2.35 0.00	38.26 2.64 0.00	41.45 2.89 0.00	40.46 2.79 0.00	38.64 2.56 0.00	32.85 1.77 0.00	29.31 1.45 0.00	24.92 1.16 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	19.20 -0.13 -0.18	18.90 -0.17 -0.09	17.59 -0.14 0.00	17.22 -0.14 0.00	17.64 -0.12 0.00	20.73 -0.13 0.00	25.68 -0.03 0.00	27.13 -0.16 0.00	25.32 -0.18 0.00	24.25 -0.12 0.00	23.25 -0.16 0.00	23.16 -0.14 0.00	24.89 -0.15 0.00	26.11 -0.16 0.00	25.70 -0.16 0.00	27.21 -0.19 0.00	31.24 -0.09 0.00	35.48 -0.14 0.00	38.45 -0.12 0.00	37.56 -0.11 0.00	35.97 -0.11 0.00	30.89 -0.19 0.00	27.75 -0.11 0.00	23.61 -0.14 0.00

HAMLTNNY_34_KV_TB 80303	19.17 -0.17 -0.19	18.87 -0.21 -0.09	17.56 -0.18 0.00	17.19 -0.17 0.00	17.61 -0.16 0.00	20.69 -0.17 0.00	25.63 -0.08 0.00	27.10 -0.19 0.00	25.30 -0.20 0.00	24.25 -0.12 0.00	23.25 -0.16 0.00	23.16 -0.14 0.00	24.89 -0.15 0.00	26.11 -0.16 0.00	25.67 -0.18 0.00	27.15 -0.25 0.00	31.21 -0.13 0.00	35.48 -0.14 0.00	38.41 -0.15 0.00	37.52 -0.15 0.00	35.90 -0.18 0.00	30.89 -0.19 0.00	27.75 -0.11 0.00	23.59 -0.17 0.00
HAMPSHIRE___PAPER_HYD 323593	18.40 -0.80 -0.05	18.23 -0.78 -0.02	16.97 -0.76 0.00	16.61 -0.75 0.00	17.06 -0.71 0.00	20.15 -0.71 0.00	25.04 -0.67 0.00	26.61 -0.68 0.00	24.68 -0.82 0.00	23.47 -0.90 0.00	22.43 -0.98 0.00	22.20 -1.09 0.00	23.79 -1.25 0.00	24.98 -1.29 0.00	24.56 -1.29 0.00	26.14 -1.26 0.00	29.84 -1.50 0.00	34.06 -1.57 0.00	37.29 -1.27 0.00	36.58 -1.09 0.00	35.40 -0.69 0.00	30.39 -0.68 0.00	27.19 -0.67 0.00	23.18 -0.57 0.00
HARDSCRABBLE_WT_PWR 323673	19.16 0.00 0.00	18.99 0.00 0.00	17.73 0.00 0.00	17.38 0.02 0.00	17.82 0.05 0.00	20.98 0.13 0.00	25.91 0.20 0.00	27.56 0.27 0.00	25.73 0.23 0.00	24.62 0.24 0.00	23.60 0.19 0.00	23.44 0.14 0.00	25.14 0.10 0.00	26.34 0.08 0.00	25.91 0.05 0.00	27.45 0.05 0.00	31.46 0.13 0.00	35.91 0.28 0.00	38.91 0.35 0.00	37.97 0.30 0.00	36.41 0.32 0.00	31.26 0.19 0.00	28.00 0.14 0.00	23.90 0.14 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.76 0.77 -1.84	20.62 0.72 -0.92	18.43 0.69 0.00	18.04 0.68 0.00	18.41 0.64 0.00	21.54 0.69 0.00	26.48 0.77 0.00	28.44 1.15 0.00	26.71 1.17 -0.04	25.45 1.07 0.00	24.54 1.12 0.00	24.42 1.12 0.00	26.29 1.25 0.00	27.68 1.42 0.00	27.35 1.50 0.00	29.01 1.62 0.00	33.44 2.10 0.00	37.94 2.32 0.00	41.07 2.51 0.00	40.08 2.41 0.00	38.28 2.20 0.00	32.50 1.43 0.00	29.06 1.20 0.00	24.70 0.95 0.00
HARSNRAD_115KV_TB1 81005	17.62 -1.65 -0.12	17.34 -1.71 -0.07	16.23 -1.51 0.00	15.90 -1.46 0.00	16.29 -1.47 0.00	19.10 -1.75 0.00	23.78 -1.93 0.00	25.22 -2.07 0.00	23.76 -1.71 0.03	23.01 -1.36 0.00	22.08 -1.33 0.00	21.95 -1.35 0.00	23.50 -1.50 0.04	24.12 -1.94 0.20	23.61 -2.07 0.17	24.56 -2.44 0.40	28.10 -2.35 0.89	31.46 -2.71 1.46	32.59 -3.24 2.73	32.84 -3.09 1.75	30.72 -3.03 2.33	27.78 -2.42 0.87	26.03 -1.56 0.27	22.40 -1.35 0.00
HARZA MOOSE___RIVER 24016	19.18 -0.04 -0.06	18.96 -0.06 -0.03	17.66 -0.07 0.00	17.27 -0.09 0.00	17.72 -0.05 0.00	20.90 0.04 0.00	25.97 0.26 0.00	27.62 0.33 0.00	25.65 0.15 0.00	24.40 0.02 0.00	23.32 -0.09 0.00	23.14 -0.16 0.00	24.84 -0.20 0.00	26.08 -0.18 0.00	25.67 -0.18 0.00	27.29 -0.11 0.00	31.24 -0.09 0.00	35.70 0.07 0.00	38.95 0.39 0.00	38.12 0.45 0.00	36.88 0.79 0.00	31.54 0.47 0.00	28.16 0.31 0.00	23.99 0.24 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	19.09 -0.23 -0.17	18.82 -0.25 -0.08	17.50 -0.23 0.00	17.13 -0.23 0.00	17.56 -0.21 0.00	20.63 -0.23 0.00	25.53 -0.18 0.00	26.99 -0.30 0.00	25.18 -0.31 0.02	24.13 -0.24 0.00	23.16 -0.26 0.00	23.04 -0.26 0.00	24.75 -0.28 0.02	25.88 -0.29 0.09	25.49 -0.28 0.08	26.86 -0.36 0.18	30.67 -0.25 0.41	34.63 -0.32 0.68	37.35 -0.35 0.87	36.52 -0.34 0.81	35.01 -0.36 0.71	30.30 -0.37 0.40	27.46 -0.28 0.12	23.47 -0.29 0.00
HELLGATE_13_KV_LD 55870	22.24 1.05 -2.03	21.00 1.01 -1.01	18.64 0.90 0.00	18.23 0.87 0.00	18.59 0.82 0.00	21.75 0.90 0.00	26.69 0.98 0.00	28.74 1.45 0.00	27.13 1.58 -0.05	25.93 1.56 0.00	25.37 1.64 -0.31	25.47 1.68 -0.49	27.13 1.85 -0.24	28.26 2.00 0.00	29.23 2.04 -1.34	29.56 2.16 0.00	36.95 2.76 -2.85	39.76 2.99 -1.14	41.80 3.24 0.00	40.76 3.09 0.00	38.86 2.78 0.00	32.91 1.83 0.00	29.45 1.59 0.00	25.04 1.28 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.24 1.05 -2.03	21.00 1.01 -1.01	18.64 0.90 0.00	18.23 0.87 0.00	18.59 0.82 0.00	21.75 0.90 0.00	26.69 0.98 0.00	28.74 1.45 0.00	27.13 1.58 -0.05	25.93 1.56 0.00	25.37 1.64 -0.31	25.47 1.68 -0.49	27.13 1.85 -0.24	28.26 2.00 0.00	29.23 2.04 -1.34	29.56 2.16 0.00	36.95 2.76 -2.85	39.76 2.99 -1.14	41.80 3.24 0.00	40.76 3.09 0.00	38.86 2.78 0.00	32.91 1.83 0.00	29.45 1.59 0.00	25.04 1.28 0.00
HEMPSTEAD____ 23647	22.59 1.21 -2.22	21.14 1.14 -1.01	18.78 1.05 0.00	18.33 0.97 0.00	18.75 0.98 0.00	21.94 1.08 0.00	26.89 1.18 0.00	29.01 1.72 0.00	27.31 1.76 -0.05	25.93 1.56 0.00	25.15 1.73 0.00	26.50 1.84 -1.36	27.04 2.00 0.00	29.44 2.15 -1.02	32.10 2.17 -4.07	34.33 2.36 -4.58	37.84 2.94 -3.56	45.89 3.31 -6.95	44.70 3.55 -2.59	44.14 3.50 -2.96	40.16 3.14 -0.94	36.18 2.24 -2.86	29.76 1.90 -0.01	25.25 1.50 0.00
HEWLETT_69_KV_BK3 55828	22.69 1.32 -2.21	21.25 1.25 -1.01	18.89 1.15 0.00	18.44 1.08 0.00	18.85 1.08 0.00	22.09 1.23 0.00	27.07 1.36 0.00	29.14 1.86 0.00	27.46 1.91 -0.05	26.10 1.73 0.00	25.29 1.87 0.00	26.63 1.98 -1.35	27.22 2.18 0.00	29.64 2.36 -1.01	32.32 2.40 -4.06	34.54 2.58 -4.57	38.12 3.23 -3.55	46.10 3.53 -6.94	44.96 3.82 -2.58	44.25 3.62 -2.96	40.37 3.36 -0.93	36.39 2.45 -2.86	29.95 2.09 0.00	25.44 1.69 0.00
HICKLING___1 23621	18.47 -0.67 0.01	18.30 -0.70 -0.02	17.13 -0.60 0.00	16.75 -0.61 0.00	17.20 -0.57 0.00	20.17 -0.69 0.00	25.07 -0.64 0.00	26.80 -0.49 0.00	25.03 -0.46 0.02	24.08 -0.29 0.00	23.07 -0.35 0.00	22.95 -0.35 0.00	24.62 -0.40 0.02	25.56 -0.60 0.10	25.15 -0.62 0.08	26.44 -0.77 0.19	30.34 -0.56 0.44	34.20 -0.71 0.71	34.22 -0.85 3.49	36.03 -0.79 0.86	32.30 -0.69 3.10	29.93 -0.71 0.43	27.34 -0.39 0.13	23.49 -0.26 0.00
HICKLING___2 23622	18.47 -0.67 0.01	18.30 -0.70 -0.02	17.13 -0.60 0.00	16.75 -0.61 0.00	17.20 -0.57 0.00	20.17 -0.69 0.00	25.07 -0.64 0.00	26.80 -0.49 0.00	25.03 -0.46 0.02	24.08 -0.29 0.00	23.07 -0.35 0.00	22.95 -0.35 0.00	24.62 -0.40 0.02	25.56 -0.60 0.10	25.15 -0.62 0.08	26.44 -0.77 0.19	30.34 -0.56 0.44	34.20 -0.71 0.71	34.22 -0.85 3.49	36.03 -0.79 0.86	32.30 -0.69 3.10	29.93 -0.71 0.43	27.34 -0.39 0.13	23.49 -0.26 0.00
HIGH FALLS___HY 23754	21.88 0.71 -2.02	20.66 0.66 -1.01	18.37 0.64 0.00	18.00 0.64 0.00	18.36 0.59 0.00	21.52 0.67 0.00	26.53 0.82 0.00	28.46 1.17 0.00	26.63 1.22 0.10	25.45 1.07 0.00	24.52 1.10 0.00	24.42 1.12 0.00	26.29 1.25 0.00	27.71 1.44 0.00	27.43 1.58 0.00	29.10 1.70 0.00	33.50 2.16 0.00	38.01 2.39 0.00	41.26 2.70 0.00	40.27 2.60 0.00	38.46 2.38 0.00	32.66 1.58 0.00	29.14 1.28 0.00	24.75 1.00 0.00
HIGH_RIVER___SOLAR 323847	22.80 0.90 -2.75	21.25 0.89 -1.37	18.55 0.82 0.00	18.16 0.80 0.00	18.59 0.82 0.00	21.88 1.02 0.00	26.94 1.23 0.00	28.63 1.34 0.00	26.73 1.07 -0.15	25.15 0.78 0.00	24.12 0.70 0.00	23.95 0.65 0.00	25.89 0.85 0.00	27.16 0.89 0.00	26.76 0.90 0.00	28.60 1.20 0.00	33.00 1.66 0.00	37.94 2.31 0.00	41.07 2.51 0.00	40.08 2.41 0.00	38.50 2.42 0.00	32.81 1.74 0.00	29.33 1.48 0.00	25.06 1.31 0.00

HILLBURN___GT 23639	21.79 0.77 -1.87	20.66 0.74 -0.93	18.43 0.69 0.00	18.02 0.66 0.00	18.41 0.64 0.00	21.54 0.69 0.00	26.46 0.75 0.00	28.43 1.15 0.00	26.74 1.20 -0.04	25.49 1.12 0.00	24.59 1.17 0.00	24.49 1.19 0.00	26.37 1.33 0.00	27.68 1.42 0.00	27.33 1.47 0.00	29.04 1.64 0.00	33.41 2.07 0.00	38.01 2.39 0.00	41.11 2.54 0.00	40.16 2.49 0.00	38.25 2.16 0.00	32.51 1.43 0.00	29.03 1.17 0.00	24.70 0.95 0.00
HILLSIDE_115KV_TB1 80332	18.40 -0.79 -0.03	18.23 -0.80 -0.04	17.04 -0.69 0.00	16.67 -0.69 0.00	17.11 -0.66 0.00	20.04 -0.81 0.00	24.86 -0.85 0.00	26.52 -0.76 0.00	24.80 -0.69 0.02	23.86 -0.51 0.00	22.88 -0.54 0.00	22.76 -0.54 0.00	24.42 -0.60 0.02	25.33 -0.84 0.09	24.97 -0.80 0.08	26.26 -0.96 0.18	30.15 -0.78 0.41	33.96 -1.00 0.67	34.08 -1.20 3.28	35.74 -1.13 0.80	32.17 -1.01 2.90	29.65 -1.03 0.40	27.04 -0.70 0.12	23.25 -0.50 0.00
HISHELDN_WT_PWR 323625	17.77 -1.49 -0.11	17.49 -1.56 -0.06	16.37 -1.37 0.00	16.04 -1.32 0.00	16.45 -1.31 0.00	19.27 -1.59 0.00	23.99 -1.72 0.00	25.46 -1.83 0.00	23.92 -1.56 0.03	23.13 -1.24 0.00	22.20 -1.22 0.00	22.02 -1.28 0.00	23.56 -1.45 0.03	24.54 -1.55 0.18	24.31 -1.40 0.15	24.75 -2.30 0.34	28.21 -2.35 0.77	31.83 -2.53 1.27	32.97 -2.78 2.81	33.37 -2.79 1.52	31.10 -2.56 2.42	28.20 -2.11 0.76	26.29 -1.34 0.23	22.73 -1.02 0.00
HOLTSVILLE_IC_1 23690	22.80 1.42 -2.22	21.35 1.35 -1.01	18.98 1.24 0.00	18.47 1.11 0.00	18.92 1.15 0.00	22.15 1.29 0.00	26.99 1.28 0.00	29.09 1.80 0.00	27.39 1.84 -0.05	25.96 1.58 0.00	25.20 1.78 0.00	26.57 1.91 -1.36	26.99 1.95 0.00	29.38 2.10 -1.02	32.04 2.12 -4.07	34.33 2.36 -4.58	37.81 2.91 -3.56	46.13 3.56 -6.94	45.01 3.86 -2.59	44.29 3.65 -2.96	40.23 3.21 -0.94	36.15 2.21 -2.86	29.76 1.90 -0.01	25.27 1.52 0.00
HOLTSVILLE_IC_10 23699	22.87 1.50 -2.22	21.40 1.40 -1.01	19.03 1.29 0.00	18.54 1.18 0.00	18.99 1.23 0.00	22.21 1.35 0.00	27.07 1.36 0.00	29.20 1.91 0.00	27.49 1.94 -0.05	26.03 1.66 0.00	25.29 1.87 0.00	26.66 2.00 -1.36	27.12 2.08 0.00	29.51 2.23 -1.02	32.17 2.25 -4.07	34.50 2.52 -4.58	38.03 3.13 -3.56	46.43 3.85 -6.96	45.32 4.17 -2.59	44.55 3.92 -2.96	40.49 3.46 -0.94	36.36 2.43 -2.86	29.90 2.03 -0.01	25.37 1.62 0.00
HOLTSVILLE_IC_2 23691	22.80 1.42 -2.22	21.35 1.35 -1.01	18.98 1.24 0.00	18.47 1.11 0.00	18.92 1.15 0.00	22.15 1.29 0.00	26.99 1.28 0.00	29.09 1.80 0.00	27.39 1.84 -0.05	25.96 1.58 0.00	25.20 1.78 0.00	26.57 1.91 -1.36	26.99 1.95 0.00	29.38 2.10 -1.02	32.04 2.12 -4.07	34.33 2.36 -4.58	37.81 2.91 -3.56	46.13 3.56 -6.94	45.01 3.86 -2.59	44.29 3.65 -2.96	40.23 3.21 -0.94	36.15 2.21 -2.86	29.76 1.90 -0.01	25.27 1.52 0.00
HOLTSVILLE_IC_3 23692	22.80 1.42 -2.22	21.35 1.35 -1.01	18.98 1.24 0.00	18.47 1.11 0.00	18.92 1.15 0.00	22.15 1.29 0.00	26.99 1.28 0.00	29.09 1.80 0.00	27.39 1.84 -0.05	25.96 1.58 0.00	25.20 1.78 0.00	26.57 1.91 -1.36	26.99 1.95 0.00	29.38 2.10 -1.02	32.04 2.12 -4.07	34.33 2.36 -4.58	37.81 2.91 -3.56	46.13 3.56 -6.94	45.01 3.86 -2.59	44.29 3.65 -2.96	40.23 3.21 -0.94	36.15 2.21 -2.86	29.76 1.90 -0.01	25.27 1.52 0.00
HOLTSVILLE_IC_4 23693	22.80 1.42 -2.22	21.35 1.35 -1.01	18.98 1.24 0.00	18.47 1.11 0.00	18.92 1.15 0.00	22.15 1.29 0.00	26.99 1.28 0.00	29.09 1.80 0.00	27.39 1.84 -0.05	25.96 1.58 0.00	25.20 1.78 0.00	26.57 1.91 -1.36	26.99 1.95 0.00	29.38 2.10 -1.02	32.04 2.12 -4.07	34.33 2.36 -4.58	37.81 2.91 -3.56	46.13 3.56 -6.94	45.01 3.86 -2.59	44.29 3.65 -2.96	40.23 3.21 -0.94	36.15 2.21 -2.86	29.76 1.90 -0.01	25.27 1.52 0.00
HOLTSVILLE_IC_5 23694	22.80 1.42 -2.22	21.35 1.35 -1.01	18.98 1.24 0.00	18.47 1.11 0.00	18.92 1.15 0.00	22.15 1.29 0.00	26.99 1.28 0.00	29.09 1.80 0.00	27.39 1.84 -0.05	25.96 1.58 0.00	25.20 1.78 0.00	26.57 1.91 -1.36	26.99 1.95 0.00	29.38 2.10 -1.02	32.04 2.12 -4.07	34.33 2.36 -4.58	37.81 2.91 -3.56	46.13 3.56 -6.94	45.01 3.86 -2.59	44.29 3.65 -2.96	40.23 3.21 -0.94	36.15 2.21 -2.86	29.76 1.90 -0.01	25.27 1.52 0.00
HOLTSVILLE_IC_6 23695	22.87 1.50 -2.22	21.40 1.40 -1.01	19.03 1.29 0.00	18.54 1.18 0.00	18.99 1.23 0.00	22.21 1.35 0.00	27.07 1.36 0.00	29.20 1.91 0.00	27.49 1.94 -0.05	26.03 1.66 0.00	25.29 1.87 0.00	26.66 2.00 -1.36	27.12 2.08 0.00	29.51 2.23 -1.02	32.17 2.25 -4.07	34.50 2.52 -4.58	38.03 3.13 -3.56	46.43 3.85 -6.96	45.32 4.17 -2.59	44.55 3.92 -2.96	40.49 3.46 -0.94	36.36 2.43 -2.86	29.90 2.03 -0.01	25.37 1.62 0.00
HOLTSVILLE_IC_7 23696	22.87 1.50 -2.22	21.40 1.40 -1.01	19.03 1.29 0.00	18.54 1.18 0.00	18.99 1.23 0.00	22.21 1.35 0.00	27.07 1.36 0.00	29.20 1.91 0.00	27.49 1.94 -0.05	26.03 1.66 0.00	25.29 1.87 0.00	26.66 2.00 -1.36	27.12 2.08 0.00	29.51 2.23 -1.02	32.17 2.25 -4.07	34.50 2.52 -4.58	38.03 3.13 -3.56	46.43 3.85 -6.96	45.32 4.17 -2.59	44.55 3.92 -2.96	40.49 3.46 -0.94	36.36 2.43 -2.86	29.90 2.03 -0.01	25.37 1.62 0.00
HOLTSVILLE_IC_8 23697	22.87 1.50 -2.22	21.40 1.40 -1.01	19.03 1.29 0.00	18.54 1.18 0.00	18.99 1.23 0.00	22.21 1.35 0.00	27.07 1.36 0.00	29.20 1.91 0.00	27.49 1.94 -0.05	26.03 1.66 0.00	25.29 1.87 0.00	26.66 2.00 -1.36	27.12 2.08 0.00	29.51 2.23 -1.02	32.17 2.25 -4.07	34.50 2.52 -4.58	38.03 3.13 -3.56	46.43 3.85 -6.96	45.32 4.17 -2.59	44.55 3.92 -2.96	40.49 3.46 -0.94	36.36 2.43 -2.86	29.90 2.03 -0.01	25.37 1.62 0.00
HOLTSVILLE_IC_9 23698	22.87 1.50 -2.22	21.40 1.40 -1.01	19.03 1.29 0.00	18.54 1.18 0.00	18.99 1.23 0.00	22.21 1.35 0.00	27.07 1.36 0.00	29.20 1.91 0.00	27.49 1.94 -0.05	26.03 1.66 0.00	25.29 1.87 0.00	26.66 2.00 -1.36	27.12 2.08 0.00	29.51 2.23 -1.02	32.17 2.25 -4.07	34.50 2.52 -4.58	38.03 3.13 -3.56	46.43 3.85 -6.96	45.32 4.17 -2.59	44.55 3.92 -2.96	40.49 3.46 -0.94	36.36 2.43 -2.86	29.90 2.03 -0.01	25.37 1.62 0.00
HOMER_HL_115KV_TB2 355744	17.81 -1.44 -0.09	17.58 -1.46 -0.06	16.51 -1.22 0.00	16.13 -1.23 0.00	16.56 -1.21 0.00	19.35 -1.50 0.00	24.12 -1.59 0.00	25.60 -1.69 0.00	23.99 -1.48 0.03	23.25 -1.12 0.00	22.34 -1.08 0.00	22.18 -1.12 0.00	23.63 -1.38 0.03	24.00 -2.10 0.17	23.64 -2.07 0.14	24.63 -2.44 0.33	28.23 -2.38 0.73	31.58 -2.85 1.20	32.30 -3.35 2.91	33.04 -3.20 1.43	31.12 -2.45 2.51	27.72 -2.64 0.72	25.72 -1.92 0.22	22.80 -0.95 0.00
HOWARD_WT_PWR 323690	17.41 -1.55 0.20	17.49 -1.42 0.07	16.55 -1.19 0.00	16.25 -1.11 0.00	16.63 -1.14 0.00	19.31 -1.54 0.00	24.27 -1.44 0.00	26.58 -0.71 0.00	25.20 -0.28 0.02	24.54 0.17 0.00	23.53 0.12 0.00	23.35 0.05 0.00	24.92 -0.10 0.02	25.98 -0.16 0.12	25.70 -0.05 0.10	26.34 -0.82 0.24	30.05 -0.75 0.54	33.57 -1.17 0.88	32.82 -1.39 4.36	35.07 -1.55 1.06	31.14 -1.05 3.90	30.02 -0.53 0.53	27.56 -0.14 0.16	23.97 0.21 0.00

HQ_GEN_CEDARS 23644	18.83 -0.33 0.00	18.74 -0.25 0.00	17.45 -0.28 0.00	17.12 -0.24 0.00	17.54 -0.23 0.00	20.67 -0.19 0.00	25.50 -0.21 0.00	26.93 -0.35 0.00	25.07 -0.43 0.00	23.93 -0.44 0.00	22.92 -0.49 0.00	22.74 -0.56 0.00	24.39 -0.65 0.00	25.61 -0.66 0.00	25.16 -0.70 0.00	26.71 -0.68 0.00	30.30 -1.03 0.00	34.56 -1.07 0.00	37.64 -0.93 0.00	36.88 -0.79 0.00	35.51 -0.58 0.00	30.73 -0.34 0.00	27.55 -0.31 0.00	23.54 -0.21 0.00
HQ_GEN_CEDARS_PROXY 323590	18.83 -0.33 0.00	18.74 -0.25 0.00	17.45 -0.28 0.00	17.12 -0.24 0.00	17.54 -0.23 0.00	20.67 -0.19 0.00	25.50 -0.21 0.00	26.93 -0.36 0.00	25.07 -0.43 0.00	23.93 -0.44 0.00	22.92 -0.49 0.00	22.74 -0.56 0.00	24.39 -0.65 0.00	25.58 -0.68 0.00	25.13 -0.72 0.00	26.71 -0.68 0.00	30.40 -0.94 0.00	34.56 -1.07 0.00	37.64 -0.93 0.00	37.24 -0.79 -0.37	35.14 -0.58 0.37	30.73 -0.34 0.00	27.55 -0.31 0.00	23.54 -0.21 0.00
HQ_GEN_IMPORT 323601	18.97 -0.19 0.00	18.83 -0.15 0.00	17.57 -0.16 0.00	17.22 -0.14 0.00	17.63 -0.14 0.00	20.71 -0.14 0.00	25.53 -0.18 0.00	27.13 -0.16 0.00	25.32 -0.18 0.00	24.20 -0.17 0.00	23.23 -0.19 0.00	23.09 -0.21 0.00	24.79 -0.25 0.00	26.00 -0.26 0.00	25.57 -0.28 0.00	27.15 -0.25 0.00	30.90 -0.44 0.00	35.05 -0.57 0.00	37.98 -0.58 0.00	37.51 -0.53 -0.37	35.25 -0.47 0.37	30.89 -0.19 0.00	27.72 -0.14 0.00	23.66 -0.09 0.00
HQ_GEN_WHEEL 23651	18.97 -0.19 0.00	18.83 -0.15 0.00	17.57 -0.16 0.00	17.22 -0.14 0.00	17.63 -0.14 0.00	20.71 -0.14 0.00	25.53 -0.18 0.00	27.13 -0.16 0.00	25.32 -0.18 0.00	24.20 -0.17 0.00	23.23 -0.19 0.00	23.09 -0.21 0.00	24.79 -0.25 0.00	26.00 -0.26 0.00	25.57 -0.28 0.00	27.15 -0.25 0.00	30.90 -0.44 0.00	35.05 -0.57 0.00	37.98 -0.58 0.00	37.51 -0.53 -0.37	35.25 -0.47 0.37	30.89 -0.19 0.00	27.72 -0.14 0.00	23.66 -0.09 0.00
HUDSON AVE_GT_3 23810	22.16 0.98 -2.03	20.97 0.97 -1.01	18.60 0.87 0.00	18.19 0.83 0.00	18.57 0.80 0.00	21.75 0.90 0.00	26.74 1.03 0.00	28.79 1.50 0.00	27.13 1.58 -0.05	25.88 1.51 0.00	24.99 1.57 0.00	24.91 1.61 0.00	26.84 1.80 0.00	28.18 1.92 0.00	27.84 1.99 0.00	29.54 2.14 0.00	34.03 2.70 0.00	38.55 2.92 0.00	41.76 3.20 0.00	40.69 3.01 0.00	38.79 2.71 0.00	32.91 1.83 0.00	29.45 1.59 0.00	25.01 1.26 0.00
HUDSON AVE_GT_4 23540	22.16 0.98 -2.03	20.97 0.97 -1.01	18.60 0.87 0.00	18.19 0.83 0.00	18.57 0.80 0.00	21.75 0.90 0.00	26.74 1.03 0.00	28.79 1.50 0.00	27.13 1.58 -0.05	25.88 1.51 0.00	24.99 1.57 0.00	24.91 1.61 0.00	26.84 1.80 0.00	28.18 1.92 0.00	27.84 1.99 0.00	29.54 2.14 0.00	34.03 2.70 0.00	38.55 2.92 0.00	41.76 3.20 0.00	40.69 3.01 0.00	38.79 2.71 0.00	32.91 1.83 0.00	29.45 1.59 0.00	25.01 1.26 0.00
HUDSON AVE_GT_5 23657	22.16 0.98 -2.03	20.97 0.97 -1.01	18.60 0.87 0.00	18.19 0.83 0.00	18.57 0.80 0.00	21.75 0.90 0.00	26.74 1.03 0.00	28.79 1.50 0.00	27.13 1.58 -0.05	25.88 1.51 0.00	24.99 1.57 0.00	24.91 1.61 0.00	26.84 1.80 0.00	28.18 1.92 0.00	27.84 1.99 0.00	29.54 2.14 0.00	34.03 2.70 0.00	38.55 2.92 0.00	41.76 3.20 0.00	40.69 3.01 0.00	38.79 2.71 0.00	32.91 1.83 0.00	29.45 1.59 0.00	25.01 1.26 0.00
HUDSON_AVE_10 24168	22.12 0.94 -2.03	20.93 0.93 -1.01	18.57 0.83 0.00	18.16 0.80 0.00	18.53 0.76 0.00	21.71 0.86 0.00	26.71 1.00 0.00	28.74 1.45 0.00	27.10 1.56 -0.05	25.86 1.49 0.00	24.96 1.55 0.00	24.88 1.58 0.00	26.79 1.75 0.00	28.15 1.89 0.00	27.82 1.96 0.00	29.51 2.11 0.00	34.00 2.66 0.00	38.51 2.89 0.00	41.72 3.16 0.00	40.65 2.98 0.00	38.72 2.63 0.00	32.88 1.80 0.00	29.39 1.53 0.00	24.96 1.21 0.00
HUDSON___115KV_TB 4 355613	22.51 0.86 -2.49	21.06 0.84 -1.24	18.60 0.87 0.00	18.21 0.85 0.00	18.60 0.84 0.00	21.75 0.90 0.00	26.63 0.93 0.00	28.44 1.15 0.00	25.96 1.20 0.74	25.25 0.88 0.00	24.26 0.84 0.00	24.07 0.77 0.00	25.92 0.88 0.00	27.16 0.89 0.00	26.78 0.93 0.00	28.36 0.96 0.00	32.78 1.44 0.00	37.48 1.85 0.00	40.53 1.97 0.00	39.59 1.92 0.00	38.00 1.91 0.00	32.38 1.31 0.00	28.92 1.06 0.00	24.70 0.95 0.00
HUNTER MOUNT___DRP 323613	22.47 0.90 -2.41	21.04 0.85 -1.20	18.69 0.96 0.00	18.30 0.94 0.00	18.69 0.92 0.00	21.86 1.00 0.00	26.76 1.05 0.00	28.54 1.26 0.00	26.26 1.35 0.59	25.27 0.90 0.00	24.26 0.84 0.00	24.04 0.75 0.00	25.89 0.85 0.00	27.13 0.87 0.00	26.76 0.90 0.00	28.36 0.96 0.00	32.81 1.47 0.00	37.59 1.96 0.00	40.72 2.16 0.00	39.78 2.11 0.00	38.25 2.16 0.00	32.57 1.49 0.00	29.06 1.20 0.00	24.82 1.07 0.00
HUNTINGTON_RES_REC 323705	22.72 1.34 -2.22	21.27 1.27 -1.01	18.90 1.17 0.00	18.42 1.06 0.00	18.85 1.08 0.00	22.06 1.21 0.00	26.97 1.26 0.00	29.09 1.80 0.00	27.39 1.84 -0.05	25.96 1.58 0.00	25.20 1.78 0.00	26.57 1.91 -1.36	27.07 2.03 0.00	29.46 2.18 -1.02	32.12 2.20 -4.07	34.41 2.44 -4.58	37.97 3.07 -3.56	46.28 3.70 -6.95	45.16 4.01 -2.59	44.44 3.80 -2.96	40.38 3.36 -0.94	36.30 2.36 -2.86	29.84 1.98 -0.01	25.32 1.57 0.00
HUNTLEY___63 23557	17.63 -1.65 -0.12	17.32 -1.73 -0.07	16.23 -1.51 0.00	15.94 -1.42 0.00	16.29 -1.47 0.00	19.08 -1.77 0.00	23.78 -1.93 0.00	25.24 -2.05 0.00	23.81 -1.66 0.03	23.06 -1.32 0.00	22.13 -1.29 0.00	21.99 -1.30 0.00	23.53 -1.48 0.03	24.17 -1.89 0.20	23.67 -2.02 0.17	24.60 -2.41 0.39	28.09 -2.38 0.87	31.46 -2.74 1.42	32.57 -3.24 2.75	32.80 -3.16 1.70	30.74 -2.99 2.35	27.80 -2.42 0.85	26.07 -1.53 0.26	22.57 -1.19 0.00
HUNTLEY___64 23558	17.63 -1.65 -0.12	17.32 -1.73 -0.07	16.23 -1.51 0.00	15.94 -1.42 0.00	16.29 -1.47 0.00	19.08 -1.77 0.00	23.78 -1.93 0.00	25.24 -2.05 0.00	23.81 -1.66 0.03	23.06 -1.32 0.00	22.13 -1.29 0.00	21.99 -1.30 0.00	23.53 -1.48 0.03	24.17 -1.89 0.20	23.67 -2.02 0.17	24.60 -2.41 0.39	28.09 -2.38 0.87	31.46 -2.74 1.42	32.57 -3.24 2.75	32.80 -3.16 1.70	30.74 -2.99 2.35	27.80 -2.42 0.85	26.07 -1.53 0.26	22.57 -1.19 0.00
HUNTLEY___65 23559	17.63 -1.65 -0.12	17.32 -1.73 -0.07	16.23 -1.51 0.00	15.94 -1.42 0.00	16.29 -1.47 0.00	19.08 -1.77 0.00	23.78 -1.93 0.00	25.24 -2.05 0.00	23.81 -1.66 0.03	23.06 -1.32 0.00	22.13 -1.29 0.00	21.99 -1.30 0.00	23.53 -1.48 0.03	24.17 -1.89 0.20	23.67 -2.02 0.17	24.60 -2.41 0.39	28.09 -2.38 0.87	31.46 -2.74 1.42	32.57 -3.24 2.75	32.80 -3.16 1.70	30.74 -2.99 2.35	27.80 -2.42 0.85	26.07 -1.53 0.26	22.57 -1.19 0.00
HUNTLEY___66 23560	17.63 -1.65 -0.12	17.32 -1.73 -0.07	16.23 -1.51 0.00	15.94 -1.42 0.00	16.29 -1.47 0.00	19.08 -1.77 0.00	23.78 -1.93 0.00	25.24 -2.05 0.00	23.81 -1.66 0.03	23.06 -1.32 0.00	22.13 -1.29 0.00	21.99 -1.30 0.00	23.53 -1.48 0.03	24.17 -1.89 0.20	23.67 -2.02 0.17	24.60 -2.41 0.39	28.09 -2.38 0.87	31.46 -2.74 1.42	32.57 -3.24 2.75	32.80 -3.16 1.70	30.74 -2.99 2.35	27.80 -2.42 0.85	26.07 -1.53 0.26	22.57 -1.19 0.00

HUNTLEY___67 23561	17.63 -1.65 -0.12	17.34 -1.71 -0.07	16.23 -1.51 0.00	15.90 -1.46 0.00	16.31 -1.46 0.00	19.08 -1.77 0.00	23.78 -1.93 0.00	25.16 -2.13 0.00	23.73 -1.73 0.03	22.98 -1.39 0.00	22.06 -1.36 0.00	21.92 -1.37 0.00	23.45 -1.55 0.03	24.04 -2.02 0.20	23.57 -2.12 0.17	24.52 -2.49 0.38	28.06 -2.41 0.86	31.40 -2.81 1.41	32.41 -3.39 2.76	32.78 -3.20 1.69	30.62 -3.10 2.36	27.74 -2.49 0.84	25.96 -1.64 0.26	22.45 -1.31 0.00
HUNTLEY___68 23562	17.63 -1.65 -0.12	17.34 -1.71 -0.07	16.23 -1.51 0.00	15.90 -1.46 0.00	16.31 -1.46 0.00	19.08 -1.77 0.00	23.78 -1.93 0.00	25.16 -2.13 0.00	23.73 -1.73 0.03	22.98 -1.39 0.00	22.06 -1.36 0.00	21.92 -1.37 0.00	23.45 -1.55 0.03	24.04 -2.02 0.20	23.57 -2.12 0.17	24.52 -2.49 0.38	28.06 -2.41 0.86	31.40 -2.81 1.41	32.41 -3.39 2.76	32.78 -3.20 1.69	30.62 -3.10 2.36	27.74 -2.49 0.84	25.96 -1.64 0.26	22.45 -1.31 0.00
HYLAND___LFG 323620	18.76 -0.48 -0.08	18.47 -0.57 -0.05	17.26 -0.48 0.00	16.94 -0.42 0.00	17.36 -0.41 0.00	20.50 -0.35 0.00	25.56 -0.15 0.00	27.45 0.16 0.00	25.42 -0.05 0.03	24.40 0.02 0.00	23.18 -0.23 0.00	22.93 -0.37 0.00	24.33 -0.67 0.03	25.64 -0.45 0.18	25.42 -0.28 0.15	26.32 -0.74 0.34	30.26 -0.31 0.77	34.51 0.14 1.25	36.11 0.42 2.87	36.66 0.49 1.50	33.99 0.40 2.49	30.60 0.28 0.75	28.16 0.53 0.23	24.01 0.26 0.00
INDECK___CORINTH 23802	23.03 1.23 -2.65	21.52 1.22 -1.32	18.83 1.10 0.00	18.42 1.06 0.00	18.89 1.12 0.00	22.25 1.40 0.00	27.48 1.77 0.00	29.31 2.02 0.00	27.82 1.99 -0.33	26.13 1.76 0.00	24.89 1.48 0.00	24.70 1.40 0.00	26.62 1.58 0.00	27.76 1.50 0.00	27.30 1.45 0.00	28.22 0.82 0.00	32.44 1.10 0.00	37.23 1.60 0.00	40.49 1.93 0.00	39.55 1.88 0.00	38.17 2.09 0.00	32.47 1.40 0.00	29.05 1.20 0.00	25.51 1.76 0.00
INDECK___ILION 23567	19.20 0.04 0.00	19.00 0.02 0.00	17.75 0.02 0.00	17.38 0.02 0.00	17.79 0.02 0.00	20.88 0.02 0.00	25.76 0.05 0.00	27.32 0.03 0.00	25.48 -0.03 0.00	24.32 -0.05 0.00	23.37 -0.05 0.00	23.23 -0.07 0.00	24.99 -0.05 0.00	26.21 -0.05 0.00	25.80 -0.05 0.00	27.34 -0.05 0.00	31.34 0.00 0.00	35.66 0.04 0.00	38.64 0.08 0.00	37.71 0.04 0.00	36.16 0.07 0.00	31.08 0.00 0.00	27.83 -0.03 0.00	23.73 -0.02 0.00
INDECK___OLEAN 23982	17.81 -1.44 -0.09	17.58 -1.46 -0.06	16.49 -1.24 0.00	16.14 -1.22 0.00	16.56 -1.21 0.00	19.35 -1.50 0.00	24.12 -1.59 0.00	25.60 -1.69 0.00	23.97 -1.50 0.03	23.25 -1.12 0.00	22.34 -1.08 0.00	22.18 -1.12 0.00	23.63 -1.38 0.03	24.47 -1.63 0.17	24.47 -1.24 0.14	24.66 -2.41 0.33	28.10 -2.51 0.73	31.65 -2.78 1.20	32.60 -3.05 2.91	33.07 -3.16 1.43	30.97 -2.60 2.51	27.75 -2.61 0.72	25.74 -1.90 0.22	22.80 -0.95 0.00
INDECK___OSWEGO 23783	18.95 -0.34 -0.14	18.69 -0.36 -0.07	17.40 -0.34 0.00	17.03 -0.33 0.00	17.45 -0.32 0.00	20.48 -0.37 0.00	25.35 -0.36 0.00	26.74 -0.55 0.00	24.99 -0.56 -0.05	23.86 -0.51 0.00	22.90 -0.52 0.00	22.81 -0.49 0.00	24.54 -0.55 -0.05	26.00 -0.55 -0.29	25.55 -0.54 -0.24	27.32 -0.63 -0.56	31.93 -0.66 -1.25	36.95 -0.71 -2.04	40.45 -0.73 -2.62	39.40 -0.72 -2.45	37.54 -0.69 -2.15	31.64 -0.65 -1.22	27.67 -0.56 -0.37	23.25 -0.50 0.00
INDECK___YERKES 23781	17.64 -1.63 -0.12	17.34 -1.71 -0.07	16.30 -1.44 0.00	15.97 -1.39 0.00	16.31 -1.46 0.00	19.10 -1.75 0.00	23.81 -1.90 0.00	25.27 -2.02 0.00	23.81 -1.66 0.03	23.08 -1.29 0.00	22.15 -1.26 0.00	22.02 -1.28 0.00	23.58 -1.43 0.03	24.59 -1.47 0.20	24.37 -1.32 0.17	24.66 -2.36 0.39	28.06 -2.41 0.87	31.57 -2.64 1.42	32.80 -3.01 2.75	32.84 -3.13 1.70	30.81 -2.92 2.35	27.89 -2.33 0.85	26.15 -1.45 0.26	22.59 -1.16 0.00
INDIAN POINT_GT_1 24139	21.91 0.79 -1.97	20.73 0.76 -0.98	18.44 0.71 0.00	18.04 0.68 0.00	18.43 0.66 0.00	21.56 0.71 0.00	26.48 0.77 0.00	28.46 1.17 0.00	26.77 1.22 -0.04	25.52 1.15 0.00	24.61 1.19 0.00	24.53 1.23 0.00	26.42 1.38 0.00	27.79 1.52 0.00	27.43 1.58 0.00	29.07 1.67 0.00	33.53 2.19 0.00	38.01 2.39 0.00	41.14 2.58 0.00	40.12 2.45 0.00	38.28 2.20 0.00	32.50 1.43 0.00	29.06 1.20 0.00	24.73 0.97 0.00
INDIAN POINT_GT_2 23659	21.91 0.79 -1.97	20.73 0.76 -0.98	18.44 0.71 0.00	18.04 0.68 0.00	18.43 0.66 0.00	21.56 0.71 0.00	26.48 0.77 0.00	28.46 1.17 0.00	26.77 1.22 -0.04	25.52 1.15 0.00	24.61 1.19 0.00	24.53 1.23 0.00	26.42 1.38 0.00	27.79 1.52 0.00	27.43 1.58 0.00	29.07 1.67 0.00	33.53 2.19 0.00	38.01 2.39 0.00	41.14 2.58 0.00	40.12 2.45 0.00	38.28 2.20 0.00	32.50 1.43 0.00	29.06 1.20 0.00	24.73 0.97 0.00
INDIAN POINT_GT_3 24019	21.91 0.79 -1.97	20.73 0.76 -0.98	18.44 0.71 0.00	18.04 0.68 0.00	18.43 0.66 0.00	21.56 0.71 0.00	26.48 0.77 0.00	28.46 1.17 0.00	26.77 1.22 -0.04	25.52 1.15 0.00	24.61 1.19 0.00	24.53 1.23 0.00	26.42 1.38 0.00	27.79 1.52 0.00	27.43 1.58 0.00	29.07 1.67 0.00	33.53 2.19 0.00	38.01 2.39 0.00	41.14 2.58 0.00	40.12 2.45 0.00	38.28 2.20 0.00	32.50 1.43 0.00	29.06 1.20 0.00	24.73 0.97 0.00
INDIAN POINT___2 23530	21.78 0.73 -1.90	20.64 0.70 -0.95	18.39 0.66 0.00	17.98 0.62 0.00	18.37 0.60 0.00	21.50 0.65 0.00	26.40 0.69 0.00	28.35 1.06 0.00	26.66 1.12 -0.04	25.42 1.05 0.00	24.52 1.10 0.00	24.44 1.14 0.00	26.32 1.28 0.00	27.60 1.34 0.00	27.25 1.40 0.00	28.96 1.56 0.00	33.31 1.98 0.00	37.91 2.28 0.00	40.99 2.43 0.00	40.01 2.34 0.00	38.14 2.06 0.00	32.41 1.34 0.00	28.97 1.12 0.00	24.63 0.88 0.00
INDIAN POINT___3 23531	21.97 0.82 -1.99	20.77 0.80 -0.99	18.48 0.74 0.00	18.07 0.71 0.00	18.44 0.68 0.00	21.61 0.75 0.00	26.53 0.82 0.00	28.52 1.23 0.00	26.82 1.28 -0.04	25.57 1.19 0.00	24.66 1.24 0.00	24.58 1.28 0.00	26.47 1.43 0.00	27.81 1.55 0.00	27.46 1.60 0.00	29.10 1.70 0.00	33.56 2.23 0.00	38.05 2.42 0.00	41.18 2.62 0.00	40.16 2.49 0.00	38.32 2.24 0.00	32.57 1.49 0.00	29.11 1.25 0.00	24.75 1.00 0.00
INGHAM_C_115KV_TB7 356103	19.00 -0.15 0.00	18.81 -0.17 0.00	17.57 -0.16 0.00	17.19 -0.17 0.00	17.59 -0.18 0.00	20.67 -0.19 0.00	25.50 -0.21 0.00	27.04 -0.25 0.00	25.20 -0.31 0.00	24.06 -0.32 0.00	23.09 -0.33 0.00	22.90 -0.40 0.00	24.64 -0.40 0.00	25.87 -0.39 0.00	25.47 -0.39 0.00	27.01 -0.38 0.00	30.93 -0.41 0.00	35.23 -0.39 0.00	38.18 -0.39 0.00	37.29 -0.38 0.00	35.76 -0.32 0.00	30.76 -0.31 0.00	27.52 -0.33 0.00	23.47 -0.29 0.00
IP CORINTH___1 23988	23.03 1.23 -2.65	21.52 1.22 -1.32	18.83 1.10 0.00	18.42 1.06 0.00	18.89 1.12 0.00	22.25 1.40 0.00	27.48 1.77 0.00	29.34 2.05 0.00	27.82 1.99 -0.33	26.13 1.75 0.00	24.89 1.48 0.00	24.70 1.40 0.00	26.62 1.58 0.00	27.79 1.52 0.00	27.35 1.50 0.00	29.01 1.62 0.00	33.53 2.19 0.00	38.40 2.78 0.00	41.80 3.24 0.00	40.80 3.13 0.00	39.40 3.32 0.00	33.53 2.45 0.00	29.92 2.06 0.00	25.51 1.76 0.00

IP___TICONDEROGA 23804	23.68 1.88 -2.64	22.16 1.86 -1.32	19.42 1.68 0.00	18.97 1.61 0.00	19.47 1.71 0.00	23.07 2.21 0.00	28.56 2.85 0.00	30.43 3.14 0.00	28.86 3.01 -0.35	27.08 2.71 0.00	25.81 2.39 0.00	25.51 2.21 0.00	27.52 2.48 0.00	28.76 2.50 0.00	28.34 2.48 0.00	30.11 2.71 0.00	34.85 3.51 0.00	40.15 4.52 0.00	43.54 4.97 0.00	42.53 4.86 0.00	41.13 5.05 0.00	34.90 3.82 0.00	31.14 3.29 0.00	26.51 2.76 0.00
ISLIP_RES_REC 323679	22.93 1.55 -2.22	21.48 1.48 -1.01	19.10 1.37 0.00	18.59 1.23 0.00	19.05 1.28 0.00	22.29 1.44 0.00	27.17 1.46 0.00	29.31 2.02 0.00	27.59 2.04 -0.05	26.15 1.78 0.00	25.41 1.99 0.00	26.78 2.12 -1.36	27.24 2.20 0.00	29.67 2.39 -1.02	32.33 2.40 -4.07	34.66 2.69 -4.58	38.25 3.35 -3.56	46.71 4.13 -6.96	45.58 4.43 -2.59	44.82 4.18 -2.96	40.74 3.72 -0.94	36.55 2.61 -2.86	30.04 2.17 -0.01	25.49 1.73 0.00
JAMAICA__27_KV_LOAD 355505	22.22 1.03 -2.03	21.00 1.01 -1.01	18.64 0.90 0.00	18.23 0.87 0.00	18.60 0.84 0.00	21.83 0.98 0.00	26.89 1.18 0.00	28.95 1.66 0.00	27.31 1.76 -0.05	26.05 1.68 0.00	25.15 1.73 0.00	25.07 1.77 0.00	27.02 1.98 0.00	28.39 2.13 0.00	28.05 2.20 0.00	29.75 2.36 0.00	34.28 2.95 0.00	38.83 3.21 0.00	42.07 3.51 0.00	40.99 3.32 0.00	39.08 2.99 0.00	33.16 2.08 0.00	29.64 1.78 0.00	25.13 1.38 0.00
JANIS___SOLAR 323808	20.79 0.50 -1.13	19.98 0.45 -0.54	18.18 0.44 0.00	17.76 0.40 0.00	18.23 0.46 0.00	21.48 0.63 0.00	26.87 1.16 0.00	28.60 1.31 0.00	26.46 0.97 0.01	25.20 0.83 0.00	24.02 0.61 0.00	23.90 0.60 0.00	25.68 0.65 0.01	26.97 0.76 0.06	26.66 0.85 0.05	28.19 0.90 0.11	32.35 1.25 0.24	36.94 1.71 0.40	43.36 2.12 -2.68	39.15 1.96 0.47	40.72 2.06 -2.58	32.30 1.46 0.24	29.10 1.31 0.07	24.77 1.02 0.00
JARVIS____ 23743	19.25 0.10 0.00	19.08 0.10 0.00	17.82 0.09 0.00	17.43 0.07 0.00	17.84 0.07 0.00	20.94 0.08 0.00	25.81 0.10 0.00	27.34 0.05 0.00	25.55 0.05 0.00	24.42 0.05 0.00	23.46 0.05 0.00	23.37 0.07 0.00	25.12 0.08 0.00	26.34 0.08 0.00	25.93 0.08 0.00	27.45 0.05 0.00	31.43 0.09 0.00	35.77 0.14 0.00	38.72 0.15 0.00	37.82 0.15 0.00	36.23 0.14 0.00	31.14 0.06 0.00	27.91 0.06 0.00	23.80 0.05 0.00
JENNISON___1 23625	20.60 0.65 -0.79	20.00 0.63 -0.39	18.30 0.57 0.00	17.88 0.52 0.00	18.36 0.59 0.00	21.63 0.77 0.00	26.97 1.26 0.00	28.79 1.50 0.00	26.69 1.20 0.01	25.47 1.10 0.00	24.33 0.91 0.00	24.21 0.91 0.00	26.01 0.98 0.01	27.24 1.02 0.05	26.87 1.06 0.04	28.54 1.23 0.09	32.76 1.63 0.21	37.28 2.00 0.34	41.16 2.28 -0.33	39.44 2.18 0.41	38.83 2.31 -0.43	32.45 1.58 0.21	29.19 1.39 0.06	24.89 1.14 0.00
JENNISON___2 23626	20.60 0.65 -0.79	20.00 0.63 -0.39	18.30 0.57 0.00	17.88 0.52 0.00	18.36 0.59 0.00	21.63 0.77 0.00	26.97 1.26 0.00	28.79 1.50 0.00	26.69 1.20 0.01	25.47 1.10 0.00	24.33 0.91 0.00	24.21 0.91 0.00	26.01 0.98 0.01	27.24 1.02 0.05	26.87 1.06 0.04	28.54 1.23 0.09	32.76 1.63 0.21	37.28 2.00 0.34	41.16 2.28 -0.33	39.44 2.18 0.41	38.83 2.31 -0.43	32.45 1.58 0.21	29.19 1.39 0.06	24.89 1.14 0.00
JERICHO_RISE_WT_PWR 323719	18.16 -1.00 0.00	18.09 -0.89 0.00	16.85 -0.89 0.00	16.56 -0.80 0.00	17.04 -0.73 0.00	20.23 -0.63 0.00	24.91 -0.80 0.00	26.53 -0.76 0.00	24.76 -0.74 0.00	23.59 -0.78 0.00	22.57 -0.84 0.00	22.32 -0.98 0.00	23.86 -1.18 0.00	25.03 -1.23 0.00	24.54 -1.32 0.00	26.11 -1.29 0.00	29.90 -1.44 0.00	34.20 -1.43 0.00	37.79 -0.77 0.00	36.99 -0.68 0.00	35.65 -0.43 0.00	30.86 -0.22 0.00	27.61 -0.25 0.00	23.59 -0.17 0.00
KATONAH___115KV_46KV_TB4 355592	22.17 0.96 -2.05	20.94 0.93 -1.02	18.59 0.85 0.00	18.18 0.82 0.00	18.55 0.78 0.00	21.71 0.86 0.00	26.71 1.00 0.00	28.74 1.45 0.00	27.08 1.53 -0.05	25.81 1.44 0.00	24.87 1.45 0.00	24.79 1.49 0.00	26.69 1.65 0.00	28.08 1.81 0.00	27.72 1.86 0.00	29.34 1.95 0.00	33.88 2.54 0.00	38.48 2.85 0.00	41.65 3.08 0.00	40.61 2.94 0.00	38.75 2.67 0.00	32.88 1.80 0.00	29.36 1.50 0.00	24.96 1.21 0.00
KCE_NY_1 323755	22.87 1.07 -2.64	21.35 1.04 -1.32	18.69 0.96 0.00	18.30 0.94 0.00	18.73 0.96 0.00	22.02 1.17 0.00	27.12 1.41 0.00	28.98 1.69 0.00	27.59 1.71 -0.38	25.88 1.51 0.00	24.82 1.40 0.00	24.65 1.35 0.00	26.52 1.48 0.00	27.73 1.47 0.00	27.27 1.42 0.00	28.77 1.37 0.00	33.09 1.75 0.00	37.91 2.28 0.00	41.03 2.47 0.00	40.08 2.41 0.00	38.50 2.42 0.00	32.78 1.71 0.00	29.33 1.48 0.00	25.23 1.47 0.00
KCE_NY_6_ESR 323823	17.80 -1.47 -0.12	17.52 -1.54 -0.07	16.40 -1.33 0.00	16.08 -1.28 0.00	16.47 -1.30 0.00	19.29 -1.56 0.00	24.04 -1.67 0.00	25.49 -1.80 0.00	23.99 -1.48 0.03	23.23 -1.15 0.00	22.29 -1.12 0.00	22.16 -1.14 0.00	23.70 -1.30 0.03	24.68 -1.39 0.19	24.51 -1.19 0.16	24.78 -2.25 0.37	28.25 -2.26 0.83	31.81 -2.46 1.36	32.98 -2.81 2.77	33.18 -2.86 1.63	31.08 -2.63 2.37	28.09 -2.18 0.81	26.25 -1.36 0.25	22.76 -1.00 0.00
KEDC_PORT_JEFF_GT2 24210	22.85 1.48 -2.22	21.40 1.40 -1.01	19.03 1.29 0.00	18.52 1.16 0.00	18.98 1.21 0.00	22.21 1.35 0.00	27.07 1.36 0.00	29.20 1.91 0.00	27.46 1.91 -0.05	26.03 1.66 0.00	25.29 1.87 0.00	26.66 2.00 -1.36	27.12 2.08 0.00	29.51 2.23 -1.02	32.17 2.25 -4.07	34.47 2.49 -4.58	38.03 3.13 -3.56	46.43 3.85 -6.96	45.32 4.17 -2.59	44.55 3.92 -2.96	40.49 3.46 -0.94	36.36 2.43 -2.86	29.90 2.03 -0.01	25.37 1.62 0.00
KEDC_PORT_JEFF_GT3 24211	22.85 1.48 -2.22	21.40 1.40 -1.01	19.03 1.29 0.00	18.52 1.16 0.00	18.98 1.21 0.00	22.21 1.35 0.00	27.07 1.36 0.00	29.20 1.91 0.00	27.46 1.91 -0.05	26.03 1.66 0.00	25.29 1.87 0.00	26.66 2.00 -1.36	27.12 2.08 0.00	29.51 2.23 -1.02	32.17 2.25 -4.07	34.47 2.49 -4.58	38.03 3.13 -3.56	46.43 3.85 -6.96	45.32 4.17 -2.59	44.55 3.92 -2.96	40.49 3.46 -0.94	36.36 2.43 -2.86	29.90 2.03 -0.01	25.37 1.62 0.00
KEDC_GLWD_GT4 24219	22.66 1.28 -2.22	21.21 1.22 -1.01	18.85 1.12 0.00	18.40 1.04 0.00	18.82 1.05 0.00	22.02 1.17 0.00	27.02 1.31 0.00	29.12 1.83 0.00	27.44 1.89 -0.05	26.05 1.68 0.00	25.27 1.85 0.00	26.61 1.96 -1.36	27.17 2.13 0.00	29.56 2.28 -1.02	32.22 2.30 -4.07	34.50 2.52 -4.58	38.00 3.10 -3.56	45.85 3.28 -6.95	44.66 3.51 -2.59	44.33 3.69 -2.96	40.34 3.32 -0.94	36.33 2.39 -2.86	29.90 2.03 -0.01	25.37 1.62 0.00
KEDC_GLWD_GT5 24220	22.66 1.28 -2.22	21.21 1.22 -1.01	18.85 1.12 0.00	18.40 1.04 0.00	18.82 1.05 0.00	22.02 1.17 0.00	27.02 1.31 0.00	29.12 1.83 0.00	27.44 1.89 -0.05	26.05 1.68 0.00	25.27 1.85 0.00	26.61 1.96 -1.36	27.17 2.13 0.00	29.56 2.28 -1.02	32.22 2.30 -4.07	34.50 2.52 -4.58	38.00 3.10 -3.56	45.85 3.28 -6.95	44.66 3.51 -2.59	44.33 3.69 -2.96	40.34 3.32 -0.94	36.33 2.39 -2.86	29.90 2.03 -0.01	25.37 1.62 0.00

KENSICO____ 23655	22.10 0.92 -2.02	20.89 0.89 -1.01	18.55 0.82 0.00	18.14 0.78 0.00	18.53 0.76 0.00	21.69 0.83 0.00	26.66 0.95 0.00	28.65 1.36 0.00	26.98 1.43 -0.05	25.71 1.34 0.00	24.82 1.41 0.00	24.74 1.44 0.00	26.64 1.60 0.00	28.00 1.73 0.00	27.64 1.78 0.00	29.29 1.89 0.00	33.78 2.44 0.00	38.30 2.67 0.00	41.45 2.89 0.00	40.42 2.75 0.00	38.57 2.49 0.00	32.75 1.68 0.00	29.28 1.42 0.00	24.89 1.14 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.81 0.75 -1.91	20.64 0.70 -0.95	18.41 0.67 0.00	18.04 0.68 0.00	18.39 0.62 0.00	21.56 0.71 0.00	26.56 0.85 0.00	28.49 1.20 0.00	26.70 1.25 0.05	25.45 1.07 0.00	24.49 1.08 0.00	24.39 1.10 0.00	26.27 1.23 0.00	27.68 1.42 0.00	27.38 1.53 0.00	29.04 1.64 0.00	33.47 2.13 0.00	38.01 2.39 0.00	41.26 2.70 0.00	40.27 2.60 0.00	38.50 2.42 0.00	32.69 1.62 0.00	29.17 1.31 0.00	24.77 1.02 0.00
KIAC_JFK_GT1 23816	22.12 0.94 -2.03	20.91 0.91 -1.01	18.55 0.82 0.00	18.14 0.78 0.00	18.52 0.75 0.00	21.73 0.88 0.00	26.74 1.03 0.00	28.82 1.53 0.00	27.15 1.61 -0.05	25.93 1.56 0.00	25.01 1.59 0.00	24.93 1.63 0.00	26.87 1.83 0.00	28.23 1.97 0.00	27.90 2.04 0.00	29.59 2.19 0.00	33.97 2.63 0.00	38.48 2.85 0.00	41.68 3.12 0.00	40.61 2.94 0.00	38.72 2.63 0.00	32.97 1.90 0.00	29.47 1.62 0.00	25.01 1.26 0.00
KIAC_JFK_GT2 23817	22.12 0.94 -2.03	20.91 0.91 -1.01	18.55 0.82 0.00	18.14 0.78 0.00	18.52 0.75 0.00	21.73 0.88 0.00	26.74 1.03 0.00	28.82 1.53 0.00	27.15 1.61 -0.05	25.93 1.56 0.00	25.01 1.59 0.00	24.93 1.63 0.00	26.87 1.83 0.00	28.23 1.97 0.00	27.90 2.04 0.00	29.59 2.19 0.00	33.97 2.63 0.00	38.48 2.85 0.00	41.68 3.12 0.00	40.61 2.94 0.00	38.72 2.63 0.00	32.97 1.90 0.00	29.47 1.62 0.00	25.01 1.26 0.00
KIAC_JFK____ 323774	22.12 0.94 -2.03	20.91 0.91 -1.01	18.55 0.82 0.00	18.14 0.78 0.00	18.51 0.75 0.00	21.73 0.88 0.00	26.74 1.03 0.00	28.82 1.53 0.00	27.18 1.63 -0.05	25.93 1.56 0.00	25.01 1.59 0.00	24.93 1.63 0.00	26.87 1.83 0.00	28.18 1.92 0.00	27.82 1.96 0.00	29.59 2.19 0.00	33.88 2.54 0.00	38.51 2.88 0.00	41.68 3.12 0.00	40.69 3.01 0.00	38.72 2.63 0.00	33.03 1.96 0.00	29.50 1.64 0.00	25.01 1.26 0.00
KINTIGH____ 23543	17.82 -1.46 -0.12	17.53 -1.52 -0.06	16.39 -1.35 0.00	16.06 -1.30 0.00	16.45 -1.31 0.00	19.27 -1.58 0.00	23.99 -1.72 0.00	25.41 -1.88 0.00	23.91 -1.56 0.04	23.13 -1.24 0.00	22.18 -1.24 0.00	22.06 -1.23 0.00	23.65 -1.35 0.04	24.41 -1.63 0.22	23.94 -1.73 0.19	24.94 -2.03 0.43	28.46 -1.91 0.97	31.83 -2.21 1.58	33.02 -2.78 2.76	33.21 -2.56 1.90	30.99 -2.74 2.35	28.11 -2.02 0.95	26.23 -1.34 0.29	22.49 -1.26 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	18.39 -0.77 0.00	18.30 -0.68 0.00	17.04 -0.69 0.00	16.77 -0.59 0.00	17.27 -0.50 0.00	20.54 -0.31 0.00	25.35 -0.36 0.00	27.04 -0.25 0.00	25.22 -0.28 0.00	23.91 -0.46 0.00	22.78 -0.63 0.00	22.51 -0.79 0.00	24.04 -1.00 0.00	25.24 -1.02 0.00	24.72 -1.14 0.00	26.27 -1.12 0.00	30.18 -1.16 0.00	34.84 -0.78 0.00	39.02 0.46 0.00	38.31 0.64 0.00	36.98 0.90 0.00	31.85 0.78 0.00	28.41 0.56 0.00	24.28 0.52 0.00
LACHUTE__HYDRO 323717	23.68 1.88 -2.64	22.17 1.86 -1.32	19.42 1.69 0.00	18.97 1.61 0.00	19.47 1.71 0.00	23.06 2.21 0.00	28.56 2.85 0.00	30.40 3.11 0.00	28.88 3.03 -0.35	27.08 2.71 0.00	25.81 2.39 0.00	25.51 2.21 0.00	27.52 2.48 0.00	28.76 2.50 0.00	28.28 2.43 0.00	29.54 2.14 0.00	34.03 2.70 0.00	39.30 3.67 0.00	42.57 4.01 0.00	41.63 3.95 0.00	40.23 4.15 0.00	34.12 3.05 0.00	30.51 2.65 0.00	26.51 2.75 0.00
LAWRNCV_115KV_TB1 80681	18.28 -0.88 0.00	18.19 -0.80 0.00	16.94 -0.80 0.00	16.61 -0.75 0.00	17.04 -0.73 0.00	20.10 -0.75 0.00	24.89 -0.82 0.00	26.36 -0.93 0.00	24.48 -1.02 0.00	23.32 -1.05 0.00	22.32 -1.10 0.00	22.11 -1.19 0.00	23.69 -1.35 0.00	24.87 -1.39 0.00	24.43 -1.42 0.00	26.00 -1.40 0.00	29.43 -1.91 0.00	33.67 -1.96 0.00	36.83 -1.74 0.00	36.09 -1.58 0.00	34.82 -1.26 0.00	30.08 -0.99 0.00	26.94 -0.92 0.00	23.04 -0.71 0.00
LEDERLE____ 23769	21.88 0.82 -1.90	20.73 0.80 -0.95	18.48 0.74 0.00	18.07 0.71 0.00	18.46 0.69 0.00	21.61 0.75 0.00	26.53 0.82 0.00	28.52 1.23 0.00	26.82 1.28 -0.04	25.57 1.19 0.00	24.63 1.22 0.00	24.56 1.26 0.00	26.44 1.40 0.00	27.81 1.55 0.00	27.48 1.63 0.00	29.12 1.73 0.00	33.60 2.26 0.00	38.08 2.46 0.00	41.22 2.66 0.00	40.23 2.56 0.00	38.36 2.27 0.00	32.60 1.52 0.00	29.11 1.25 0.00	24.77 1.02 0.00
LIGHTHSE_115KV_TB6 355974	18.98 -0.31 -0.13	18.73 -0.32 -0.06	17.43 -0.30 0.00	17.05 -0.31 0.00	17.48 -0.28 0.00	20.54 -0.31 0.00	25.50 -0.21 0.00	26.99 -0.30 0.00	25.13 -0.38 -0.01	23.98 -0.39 0.00	23.00 -0.42 0.00	22.90 -0.40 0.00	24.58 -0.48 -0.01	25.84 -0.50 -0.08	25.43 -0.49 -0.07	26.98 -0.58 -0.15	31.09 -0.60 -0.35	35.59 -0.61 -0.57	38.75 -0.54 -0.73	37.86 -0.49 -0.68	36.39 -0.29 -0.60	31.07 -0.34 -0.34	27.65 -0.31 -0.10	23.44 -0.31 0.00
LINDEN COGEN____ 23786	22.05 0.86 -2.03	20.85 0.86 -1.01	18.51 0.78 0.00	18.11 0.75 0.00	18.48 0.71 0.00	21.65 0.79 0.00	26.61 0.90 0.00	28.63 1.34 0.00	27.00 1.45 -0.05	25.74 1.36 0.00	24.85 1.43 0.00	24.77 1.47 0.00	26.67 1.63 0.00	28.00 1.73 0.00	27.59 1.73 0.00	29.34 1.95 0.00	29.06 2.35 4.63	36.17 2.71 2.16	40.89 2.89 0.56	40.46 2.79 0.00	37.63 2.42 0.87	32.69 1.61 0.00	29.28 1.42 0.00	24.87 1.12 0.00
LINDHRST_69_KV_BK1 356055	22.85 1.48 -2.21	21.40 1.40 -1.01	19.05 1.31 0.00	18.56 1.20 0.00	18.99 1.23 0.00	22.25 1.40 0.00	27.20 1.49 0.00	29.34 2.05 0.00	27.59 2.04 -0.05	26.18 1.80 0.00	25.41 1.99 0.00	26.77 2.12 -1.35	27.32 2.28 0.00	29.74 2.47 -1.01	32.45 2.53 -4.06	34.65 2.69 -4.57	38.34 3.45 -3.55	46.49 3.92 -6.94	45.39 4.24 -2.58	44.66 4.03 -2.96	40.66 3.64 -0.93	36.54 2.61 -2.86	30.09 2.23 0.00	25.56 1.81 0.00
LIPA_MISC_IPP 23656	22.71 1.34 -2.21	21.27 1.27 -1.01	18.90 1.17 0.00	18.40 1.04 0.00	18.85 1.08 0.00	22.11 1.25 0.00	26.79 1.08 0.00	28.84 1.56 0.00	27.15 1.61 -0.05	25.74 1.36 0.00	24.99 1.57 0.00	26.35 1.70 -1.35	26.77 1.73 0.00	29.19 1.92 -1.01	31.91 1.99 -4.06	34.16 2.19 -4.57	37.74 2.85 -3.55	45.96 3.38 -6.95	44.81 3.66 -2.58	44.09 3.47 -2.96	40.05 3.03 -0.93	35.95 2.02 -2.86	29.50 1.64 0.00	25.11 1.35 0.00
LISF__SOLAR 323691	22.76 1.38 -2.22	21.31 1.31 -1.01	18.92 1.19 0.00	18.42 1.06 0.00	18.87 1.10 0.00	22.11 1.25 0.00	26.84 1.13 0.00	28.90 1.61 0.00	27.21 1.66 -0.05	25.76 1.39 0.00	25.01 1.59 0.00	26.38 1.72 -1.36	26.79 1.75 0.00	29.17 1.89 -1.02	31.86 1.94 -4.07	34.20 2.22 -4.58	37.72 2.82 -3.56	46.15 3.56 -6.96	44.97 3.82 -2.59	44.25 3.62 -2.96	40.16 3.14 -0.94	36.05 2.11 -2.86	29.59 1.73 -0.01	25.11 1.35 0.00

LITTLE FALLS___HYD 24013	19.00 -0.15 0.00	18.81 -0.17 0.00	17.57 -0.16 0.00	17.19 -0.17 0.00	17.59 -0.18 0.00	20.67 -0.19 0.00	25.50 -0.21 0.00	27.04 -0.25 0.00	25.20 -0.31 0.00	24.06 -0.32 0.00	23.09 -0.33 0.00	22.90 -0.40 0.00	24.64 -0.40 0.00	25.87 -0.39 0.00	25.47 -0.39 0.00	27.01 -0.38 0.00	30.93 -0.41 0.00	35.23 -0.39 0.00	38.18 -0.39 0.00	37.29 -0.38 0.00	35.76 -0.32 0.00	30.76 -0.31 0.00	27.52 -0.33 0.00	23.47 -0.29 0.00
LITTLRIV_115KV_TB1 356100	18.39 -0.77 0.00	18.32 -0.66 0.00	17.04 -0.69 0.00	16.72 -0.64 0.00	17.16 -0.60 0.00	20.27 -0.58 0.00	25.17 -0.54 0.00	26.69 -0.60 0.00	24.74 -0.77 0.00	23.54 -0.83 0.00	22.50 -0.91 0.00	22.27 -1.03 0.00	23.84 -1.20 0.00	25.03 -1.23 0.00	24.61 -1.24 0.00	26.19 -1.21 0.00	29.62 -1.72 0.00	33.92 -1.71 0.00	37.17 -1.39 0.00	36.43 -1.24 0.00	35.22 -0.87 0.00	30.39 -0.68 0.00	27.19 -0.67 0.00	23.21 -0.55 0.00
LI_NEWBRDGE___DRP 323616	22.52 1.15 -2.21	21.08 1.08 -1.01	18.74 1.01 0.00	18.28 0.92 0.00	18.69 0.92 0.00	21.90 1.04 0.00	26.81 1.11 0.00	28.90 1.61 0.00	27.18 1.63 -0.05	25.84 1.46 0.00	25.03 1.62 0.00	26.37 1.72 -1.35	26.89 1.85 0.00	29.32 2.05 -1.01	32.01 2.09 -4.06	34.19 2.22 -4.57	37.71 2.82 -3.55	45.67 3.10 -6.94	44.54 3.39 -2.58	43.83 3.20 -2.96	39.90 2.89 -0.93	35.95 2.02 -2.86	29.58 1.73 0.00	25.15 1.40 0.00
LOCKPORT_115KV_TB60_63_64 80432	17.64 -1.63 -0.12	17.34 -1.71 -0.07	16.24 -1.49 0.00	15.90 -1.46 0.00	16.31 -1.46 0.00	19.12 -1.73 0.00	23.78 -1.93 0.00	25.24 -2.05 0.00	23.78 -1.68 0.03	23.03 -1.34 0.00	22.11 -1.31 0.00	21.95 -1.35 0.00	23.53 -1.48 0.04	24.17 -1.89 0.20	23.64 -2.04 0.17	24.59 -2.41 0.40	28.13 -2.32 0.89	31.49 -2.67 1.46	32.63 -3.20 2.73	32.87 -3.05 1.75	30.76 -2.99 2.33	27.81 -2.39 0.88	26.06 -1.53 0.27	22.40 -1.35 0.00
LOCKPORT___CC1 323769	17.62 -1.65 -0.12	17.34 -1.71 -0.07	16.21 -1.53 0.00	15.90 -1.46 0.00	16.29 -1.47 0.00	19.10 -1.75 0.00	23.78 -1.93 0.00	25.21 -2.08 0.00	23.73 -1.73 0.03	23.01 -1.36 0.00	22.08 -1.33 0.00	21.95 -1.35 0.00	23.50 -1.50 0.04	24.51 -1.55 0.20	24.26 -1.42 0.17	24.62 -2.38 0.40	28.04 -2.41 0.89	31.53 -2.64 1.46	32.78 -3.05 2.73	32.84 -3.09 1.75	30.79 -2.96 2.33	27.87 -2.33 0.87	26.11 -1.48 0.27	22.40 -1.35 0.00
LOCKPORT___CC2 323770	17.62 -1.65 -0.12	17.34 -1.71 -0.07	16.21 -1.53 0.00	15.90 -1.46 0.00	16.29 -1.47 0.00	19.10 -1.75 0.00	23.78 -1.93 0.00	25.21 -2.08 0.00	23.73 -1.73 0.03	23.01 -1.36 0.00	22.08 -1.33 0.00	21.95 -1.35 0.00	23.50 -1.50 0.04	24.51 -1.55 0.20	24.26 -1.42 0.17	24.62 -2.38 0.40	28.04 -2.41 0.89	31.53 -2.64 1.46	32.78 -3.05 2.73	32.84 -3.09 1.75	30.79 -2.96 2.33	27.87 -2.33 0.87	26.11 -1.48 0.27	22.40 -1.35 0.00
LOCKPORT___CC3 323771	17.62 -1.65 -0.12	17.34 -1.71 -0.07	16.21 -1.53 0.00	15.90 -1.46 0.00	16.29 -1.47 0.00	19.10 -1.75 0.00	23.78 -1.93 0.00	25.21 -2.08 0.00	23.73 -1.73 0.03	23.01 -1.36 0.00	22.08 -1.33 0.00	21.95 -1.35 0.00	23.50 -1.50 0.04	24.51 -1.55 0.20	24.26 -1.42 0.17	24.62 -2.38 0.40	28.04 -2.41 0.89	31.53 -2.64 1.46	32.78 -3.05 2.73	32.84 -3.09 1.75	30.79 -2.96 2.33	27.87 -2.33 0.87	26.11 -1.48 0.27	22.40 -1.35 0.00
LONG_LAKE_PHOENIX 24014	18.99 -0.31 -0.14	18.73 -0.32 -0.07	17.43 -0.30 0.00	17.06 -0.30 0.00	17.48 -0.28 0.00	20.54 -0.31 0.00	25.43 -0.28 0.00	26.83 -0.46 0.00	25.07 -0.46 -0.03	23.96 -0.41 0.00	23.00 -0.42 0.00	22.90 -0.40 0.00	24.64 -0.43 -0.03	25.98 -0.45 -0.16	25.52 -0.47 -0.13	27.22 -0.49 -0.31	31.57 -0.47 -0.70	36.24 -0.53 -1.15	39.50 -0.54 -1.47	38.52 -0.53 -1.37	36.75 -0.54 -1.21	31.23 -0.53 -0.69	27.62 -0.45 -0.21	23.33 -0.43 0.00
LOVETT___3 23632	21.83 0.77 -1.91	20.68 0.74 -0.95	18.43 0.69 0.00	18.02 0.66 0.00	18.41 0.64 0.00	21.54 0.69 0.00	26.45 0.75 0.00	28.41 1.12 0.00	26.72 1.17 -0.04	25.47 1.10 0.00	24.56 1.15 0.00	24.49 1.19 0.00	26.34 1.30 0.00	27.71 1.44 0.00	27.38 1.53 0.00	29.01 1.62 0.00	33.44 2.10 0.00	37.91 2.28 0.00	41.03 2.47 0.00	40.01 2.34 0.00	38.18 2.09 0.00	32.44 1.37 0.00	29.00 1.14 0.00	24.68 0.93 0.00
LOVETT___4 23642	21.83 0.77 -1.91	20.68 0.74 -0.95	18.43 0.69 0.00	18.02 0.66 0.00	18.41 0.64 0.00	21.54 0.69 0.00	26.45 0.75 0.00	28.41 1.12 0.00	26.72 1.17 -0.04	25.47 1.10 0.00	24.56 1.15 0.00	24.49 1.19 0.00	26.34 1.30 0.00	27.71 1.44 0.00	27.38 1.53 0.00	29.01 1.62 0.00	33.44 2.10 0.00	37.91 2.28 0.00	41.03 2.47 0.00	40.01 2.34 0.00	38.18 2.09 0.00	32.44 1.37 0.00	29.00 1.14 0.00	24.68 0.93 0.00
LOVETT___5 23593	21.83 0.77 -1.91	20.68 0.74 -0.95	18.43 0.69 0.00	18.02 0.66 0.00	18.41 0.64 0.00	21.54 0.69 0.00	26.45 0.75 0.00	28.41 1.12 0.00	26.72 1.17 -0.04	25.47 1.10 0.00	24.56 1.15 0.00	24.49 1.19 0.00	26.34 1.30 0.00	27.71 1.44 0.00	27.38 1.53 0.00	29.01 1.62 0.00	33.44 2.10 0.00	37.91 2.28 0.00	41.03 2.47 0.00	40.01 2.34 0.00	38.18 2.09 0.00	32.44 1.37 0.00	29.00 1.14 0.00	24.68 0.93 0.00
LOWER RAQUET___HYD 24057	18.08 -1.07 0.00	18.02 -0.97 0.00	16.76 -0.98 0.00	16.44 -0.92 0.00	16.88 -0.89 0.00	19.92 -0.94 0.00	24.68 -1.03 0.00	26.17 -1.12 0.00	24.30 -1.20 0.00	23.13 -1.24 0.00	22.13 -1.29 0.00	21.90 -1.40 0.00	23.46 -1.58 0.00	24.61 -1.65 0.00	24.17 -1.68 0.00	25.75 -1.64 0.00	29.27 -2.07 0.00	33.38 -2.24 0.00	36.55 -2.01 0.00	35.86 -1.81 0.00	34.60 -1.48 0.00	29.89 -1.18 0.00	26.74 -1.12 0.00	22.87 -0.88 0.00
LOWER___HUDSON 24059	22.63 0.88 -2.59	21.15 0.87 -1.29	18.55 0.82 0.00	18.14 0.78 0.00	18.55 0.78 0.00	21.75 0.90 0.00	26.74 1.03 0.00	28.60 1.31 0.00	27.71 1.56 -0.66	25.71 1.34 0.00	24.75 1.33 0.00	24.60 1.30 0.00	26.32 1.28 0.00	27.52 1.26 0.00	27.04 1.19 0.00	28.60 1.20 0.00	32.94 1.60 0.00	37.58 1.96 0.00	40.64 2.08 0.00	39.70 2.03 0.00	38.03 1.95 0.00	32.44 1.37 0.00	29.03 1.17 0.00	24.85 1.09 0.00
LOWVILLE_115KV_TB2 356335	18.89 -0.33 -0.06	18.69 -0.32 -0.03	17.40 -0.34 0.00	17.00 -0.36 0.00	17.47 -0.30 0.00	20.63 -0.23 0.00	25.68 -0.03 0.00	27.32 0.03 0.00	25.32 -0.18 0.00	24.03 -0.34 0.00	22.95 -0.47 0.00	22.74 -0.56 0.00	24.36 -0.68 0.00	25.58 -0.68 0.00	25.18 -0.67 0.00	26.82 -0.58 0.00	30.68 -0.66 0.00	35.09 -0.53 0.00	38.45 -0.12 0.00	37.71 0.04 0.00	36.59 0.51 0.00	31.29 0.22 0.00	27.94 0.08 0.00	23.80 0.05 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	22.85 1.05 -2.64	21.35 1.04 -1.32	18.69 0.96 0.00	18.28 0.92 0.00	18.71 0.94 0.00	22.00 1.15 0.00	27.12 1.41 0.00	28.95 1.66 0.00	27.59 1.71 -0.38	25.86 1.49 0.00	24.82 1.41 0.00	24.65 1.35 0.00	26.49 1.45 0.00	27.76 1.50 0.00	27.30 1.45 0.00	28.93 1.53 0.00	33.41 2.07 0.00	38.19 2.57 0.00	41.34 2.78 0.00	40.35 2.67 0.00	38.75 2.67 0.00	33.03 1.96 0.00	29.53 1.67 0.00	25.20 1.45 0.00

LUTHERNY_35_KV_BK2 355980	22.87 1.07 -2.64	21.35 1.04 -1.32	18.69 0.96 0.00	18.30 0.94 0.00	18.73 0.96 0.00	22.02 1.17 0.00	27.12 1.41 0.00	28.98 1.69 0.00	27.59 1.71 -0.38	25.88 1.51 0.00	24.82 1.41 0.00	24.65 1.35 0.00	26.52 1.48 0.00	27.76 1.50 0.00	27.33 1.47 0.00	28.96 1.56 0.00	33.44 2.10 0.00	38.19 2.57 0.00	41.34 2.78 0.00	40.38 2.71 0.00	38.79 2.71 0.00	33.06 1.99 0.00	29.56 1.70 0.00	25.23 1.47 0.00
LWR___OSWEGATCHIE_HYD 23850	18.40 -0.80 -0.05	18.23 -0.78 -0.02	16.97 -0.76 0.00	16.61 -0.75 0.00	17.06 -0.71 0.00	20.15 -0.71 0.00	25.04 -0.67 0.00	26.61 -0.68 0.00	24.69 -0.82 0.00	23.47 -0.90 0.00	22.43 -0.98 0.00	22.20 -1.10 0.00	23.79 -1.25 0.00	24.98 -1.29 0.00	24.59 -1.27 0.00	26.14 -1.26 0.00	29.77 -1.57 0.00	34.06 -1.57 0.00	37.29 -1.27 0.00	36.58 -1.09 0.00	35.40 -0.69 0.00	30.39 -0.68 0.00	27.19 -0.67 0.00	23.18 -0.57 0.00
LYONS_FALL_HYD 23570	19.18 -0.04 -0.06	18.96 -0.06 -0.03	17.66 -0.07 0.00	17.27 -0.09 0.00	17.72 -0.05 0.00	20.90 0.04 0.00	25.97 0.26 0.00	27.62 0.33 0.00	25.66 0.15 0.00	24.40 0.02 0.00	23.32 -0.09 0.00	23.14 -0.16 0.00	24.84 -0.20 0.00	26.08 -0.18 0.00	25.67 -0.18 0.00	27.29 -0.11 0.00	31.25 -0.09 0.00	35.70 0.07 0.00	38.95 0.39 0.00	38.13 0.45 0.00	36.88 0.79 0.00	31.54 0.47 0.00	28.16 0.31 0.00	23.99 0.24 0.00
MADISON___COUNTY_LFGE 323628	19.63 0.36 -0.11	19.38 0.34 -0.05	18.04 0.30 0.00	17.64 0.28 0.00	18.09 0.32 0.00	21.29 0.44 0.00	26.43 0.72 0.00	28.08 0.79 0.00	26.11 0.61 0.01	24.93 0.56 0.00	23.86 0.44 0.00	23.74 0.44 0.00	25.51 0.48 0.01	26.72 0.50 0.05	26.33 0.52 0.04	27.88 0.58 0.09	31.89 0.75 0.20	36.22 0.93 0.33	39.25 1.12 0.43	38.37 1.09 0.40	36.93 1.19 0.35	31.69 0.81 0.20	28.47 0.67 0.06	24.30 0.55 0.00
MALONE___115KV_TB1 356076	18.29 -0.86 0.00	18.23 -0.76 0.00	16.97 -0.76 0.00	16.68 -0.68 0.00	17.16 -0.60 0.00	20.35 -0.50 0.00	25.17 -0.54 0.00	26.80 -0.49 0.00	24.97 -0.54 0.00	23.79 -0.58 0.00	22.74 -0.68 0.00	22.48 -0.82 0.00	24.04 -1.00 0.00	25.24 -1.02 0.00	24.77 -1.09 0.00	26.33 -1.07 0.00	29.99 -1.35 0.00	34.45 -1.18 0.00	38.02 -0.54 0.00	37.29 -0.38 0.00	35.97 -0.11 0.00	31.01 -0.06 0.00	27.75 -0.11 0.00	23.71 -0.05 0.00
MAPLEWOD_115KV_TB3 80458	22.54 0.80 -2.58	21.05 0.78 -1.29	18.48 0.74 0.00	18.07 0.71 0.00	18.48 0.71 0.00	21.61 0.75 0.00	26.48 0.77 0.00	28.33 1.04 0.00	27.10 1.07 -0.52	25.30 0.93 0.00	24.35 0.94 0.00	24.23 0.93 0.00	26.07 1.03 0.00	27.29 1.02 0.00	26.86 1.01 0.00	28.38 0.99 0.00	32.75 1.41 0.00	37.30 1.67 0.00	40.30 1.74 0.00	39.33 1.66 0.00	37.67 1.59 0.00	32.16 1.09 0.00	28.75 0.89 0.00	24.56 0.81 0.00
MAPLE_RIDGE_WT_1 323574	18.52 -0.63 0.00	18.40 -0.59 0.00	17.17 -0.57 0.00	16.84 -0.52 0.00	17.25 -0.52 0.00	20.31 -0.54 0.00	25.04 -0.67 0.00	26.47 -0.82 0.00	24.74 -0.76 0.00	23.69 -0.68 0.00	22.71 -0.70 0.00	22.53 -0.77 0.00	24.14 -0.90 0.00	25.32 -0.94 0.00	24.87 -0.98 0.00	26.44 -0.96 0.00	30.21 -1.13 0.00	34.41 -1.21 0.00	37.44 -1.12 0.00	36.66 -1.02 0.00	35.18 -0.90 0.00	30.42 -0.65 0.00	27.30 -0.56 0.00	23.33 -0.43 0.00
MAPLE_RIDGE_WT_2 323611	18.52 -0.63 0.00	18.40 -0.59 0.00	17.17 -0.57 0.00	16.84 -0.52 0.00	17.25 -0.52 0.00	20.31 -0.54 0.00	25.04 -0.67 0.00	26.47 -0.82 0.00	24.74 -0.76 0.00	23.69 -0.68 0.00	22.71 -0.70 0.00	22.53 -0.77 0.00	24.14 -0.90 0.00	25.32 -0.94 0.00	24.87 -0.98 0.00	26.44 -0.96 0.00	30.21 -1.13 0.00	34.41 -1.21 0.00	37.44 -1.12 0.00	36.66 -1.02 0.00	35.18 -0.90 0.00	30.42 -0.65 0.00	27.30 -0.56 0.00	23.33 -0.43 0.00
MARBLE_RIVER_WT_PWR 323696	18.18 -0.98 0.00	18.07 -0.91 0.00	16.85 -0.89 0.00	16.58 -0.78 0.00	17.08 -0.69 0.00	20.27 -0.58 0.00	24.94 -0.77 0.00	26.55 -0.74 0.00	24.79 -0.71 0.00	23.62 -0.76 0.00	22.57 -0.84 0.00	22.32 -0.98 0.00	23.86 -1.18 0.00	25.00 -1.26 0.00	24.51 -1.35 0.00	26.11 -1.29 0.00	29.90 -1.44 0.00	34.27 -1.35 0.00	37.98 -0.58 0.00	37.22 -0.45 0.00	35.83 -0.25 0.00	31.01 -0.06 0.00	27.72 -0.14 0.00	23.71 -0.05 0.00
MARSHVLE_115KV_TB1 80742	23.60 1.44 -3.01	21.89 1.40 -1.50	19.01 1.28 0.00	18.59 1.23 0.00	19.08 1.31 0.00	22.56 1.71 0.00	27.92 2.21 0.00	29.44 2.16 0.00	27.34 1.71 -0.13	25.66 1.29 0.00	24.59 1.17 0.00	24.39 1.10 0.00	26.37 1.33 0.00	27.71 1.44 0.00	27.33 1.47 0.00	29.26 1.86 0.00	34.03 2.70 0.00	39.37 3.74 0.00	42.61 4.05 0.00	41.59 3.92 0.00	40.09 4.01 0.00	34.09 3.01 0.00	30.42 2.56 0.00	25.87 2.11 0.00
MARSH_HILL_WT_PWR 323713	17.43 -1.55 0.18	17.48 -1.44 0.06	16.55 -1.19 0.00	16.25 -1.11 0.00	16.63 -1.14 0.00	19.31 -1.54 0.00	24.25 -1.46 0.00	26.61 -0.68 0.00	25.23 -0.25 0.02	24.57 0.19 0.00	23.58 0.17 0.00	23.37 0.07 0.00	24.97 -0.05 0.02	26.01 -0.13 0.13	25.72 -0.03 0.11	26.36 -0.80 0.25	30.07 -0.72 0.55	33.58 -1.14 0.91	32.92 -1.39 4.25	35.04 -1.55 1.09	31.24 -1.05 3.80	30.03 -0.50 0.54	27.61 -0.08 0.17	24.01 0.26 0.00
MCINTYRE_115KV_TB2 80467	18.70 -0.46 0.00	18.62 -0.36 0.00	17.34 -0.39 0.00	17.00 -0.36 0.00	17.43 -0.34 0.00	20.60 -0.25 0.00	25.58 -0.13 0.00	27.07 -0.22 0.00	25.07 -0.43 0.00	23.86 -0.51 0.00	22.81 -0.61 0.00	22.58 -0.72 0.00	24.16 -0.88 0.00	25.37 -0.89 0.00	24.95 -0.90 0.00	26.58 -0.82 0.00	30.05 -1.28 0.00	34.41 -1.21 0.00	37.64 -0.93 0.00	36.92 -0.75 0.00	35.65 -0.43 0.00	30.80 -0.28 0.00	27.55 -0.31 0.00	23.54 -0.21 0.00
MECO_____69_KV_BK1 80468	23.57 1.53 -2.88	21.94 1.52 -1.44	19.12 1.38 0.00	18.70 1.34 0.00	19.19 1.42 0.00	22.69 1.84 0.00	28.07 2.37 0.00	29.72 2.43 0.00	27.66 2.01 -0.14	26.03 1.66 0.00	24.94 1.52 0.00	24.72 1.42 0.00	26.74 1.70 0.00	28.10 1.84 0.00	27.69 1.84 0.00	29.62 2.22 0.00	34.35 3.01 0.00	39.62 3.99 0.00	42.80 4.24 0.00	41.82 4.14 0.00	40.27 4.19 0.00	34.21 3.14 0.00	30.56 2.70 0.00	25.99 2.23 0.00
MENANDS___115KV_TB5 355628	22.48 0.75 -2.58	21.01 0.74 -1.29	18.43 0.69 0.00	18.04 0.68 0.00	18.43 0.66 0.00	21.52 0.67 0.00	26.35 0.64 0.00	28.16 0.87 0.00	26.85 0.94 -0.40	25.20 0.83 0.00	24.26 0.84 0.00	24.14 0.84 0.00	25.94 0.90 0.00	27.16 0.89 0.00	26.73 0.88 0.00	28.22 0.82 0.00	32.56 1.22 0.00	37.05 1.43 0.00	40.03 1.47 0.00	39.10 1.43 0.00	37.42 1.34 0.00	31.95 0.87 0.00	28.55 0.70 0.00	24.42 0.67 0.00
MG INDUSTRY___DRP 24185	22.39 0.71 -2.52	20.94 0.70 -1.26	18.41 0.67 0.00	18.00 0.64 0.00	18.41 0.64 0.00	21.52 0.67 0.00	26.38 0.67 0.00	28.16 0.87 0.00	25.81 0.84 0.53	25.06 0.68 0.00	24.07 0.66 0.00	23.93 0.63 0.00	25.77 0.73 0.00	27.00 0.74 0.00	26.60 0.75 0.00	28.14 0.74 0.00	32.47 1.13 0.00	37.01 1.39 0.00	40.03 1.47 0.00	39.10 1.43 0.00	37.49 1.41 0.00	32.04 0.96 0.00	28.67 0.81 0.00	24.49 0.74 0.00

MID___OSWEGATCHIE_HYD 23849	18.40 -0.80 -0.05	18.23 -0.78 -0.02	16.97 -0.76 0.00	16.61 -0.75 0.00	17.06 -0.71 0.00	20.15 -0.71 0.00	25.04 -0.67 0.00	26.61 -0.68 0.00	24.69 -0.82 0.00	23.47 -0.90 0.00	22.43 -0.98 0.00	22.20 -1.10 0.00	23.79 -1.25 0.00	24.98 -1.29 0.00	24.59 -1.27 0.00	26.14 -1.26 0.00	29.77 -1.57 0.00	34.06 -1.57 0.00	37.29 -1.27 0.00	36.58 -1.09 0.00	35.40 -0.69 0.00	30.39 -0.68 0.00	27.19 -0.67 0.00	23.18 -0.57 0.00
MID___RAQUETTE_HYD 23851	18.08 -1.07 0.00	18.02 -0.97 0.00	16.76 -0.98 0.00	16.44 -0.92 0.00	16.88 -0.89 0.00	19.92 -0.94 0.00	24.68 -1.03 0.00	26.17 -1.12 0.00	24.30 -1.20 0.00	23.13 -1.24 0.00	22.13 -1.29 0.00	21.90 -1.40 0.00	23.46 -1.58 0.00	24.64 -1.63 0.00	24.20 -1.65 0.00	25.75 -1.64 0.00	29.18 -2.16 0.00	33.38 -2.24 0.00	36.56 -2.01 0.00	35.86 -1.81 0.00	34.60 -1.48 0.00	29.86 -1.21 0.00	26.74 -1.11 0.00	22.87 -0.88 0.00
MILLIKEN___1 23584	20.65 0.15 -1.34	19.73 0.11 -0.63	17.86 0.12 0.00	17.46 0.10 0.00	17.93 0.16 0.00	21.06 0.21 0.00	26.20 0.49 0.00	27.89 0.60 0.00	25.95 0.46 0.01	24.84 0.46 0.00	23.74 0.33 0.00	23.65 0.35 0.00	25.41 0.38 0.01	26.60 0.39 0.06	26.19 0.39 0.05	27.69 0.41 0.12	31.80 0.72 0.26	36.05 0.86 0.43	43.68 1.00 -4.11	38.10 0.94 0.51	40.95 0.97 -3.90	31.47 0.65 0.26	28.42 0.64 0.08	24.23 0.48 0.00
MILLIKEN___2 23585	20.65 0.15 -1.34	19.73 0.11 -0.63	17.86 0.12 0.00	17.46 0.10 0.00	17.93 0.16 0.00	21.06 0.21 0.00	26.20 0.49 0.00	27.89 0.60 0.00	25.95 0.46 0.01	24.84 0.46 0.00	23.74 0.33 0.00	23.65 0.35 0.00	25.41 0.38 0.01	26.60 0.39 0.06	26.19 0.39 0.05	27.69 0.41 0.12	31.80 0.72 0.26	36.05 0.86 0.43	43.68 1.00 -4.11	38.10 0.94 0.51	40.95 0.97 -3.90	31.47 0.65 0.26	28.42 0.64 0.08	24.23 0.48 0.00
MILLIKEN___DIESEL 23629	20.65 0.15 -1.34	19.73 0.11 -0.63	17.86 0.12 0.00	17.46 0.10 0.00	17.93 0.16 0.00	21.06 0.21 0.00	26.20 0.49 0.00	27.89 0.60 0.00	25.95 0.46 0.01	24.84 0.46 0.00	23.74 0.33 0.00	23.65 0.35 0.00	25.41 0.38 0.01	26.60 0.39 0.06	26.19 0.39 0.05	27.69 0.41 0.12	31.80 0.72 0.26	36.05 0.86 0.43	43.68 1.00 -4.11	38.10 0.94 0.51	40.95 0.97 -3.90	31.47 0.65 0.26	28.42 0.64 0.08	24.23 0.48 0.00
MILLSEAT___LFGE 323607	17.91 -1.36 -0.11	17.63 -1.42 -0.06	16.48 -1.26 0.00	16.16 -1.20 0.00	16.56 -1.21 0.00	19.46 -1.40 0.00	24.22 -1.49 0.00	25.81 -1.47 0.00	24.22 -1.25 0.04	23.47 -0.90 0.00	22.50 -0.91 0.00	22.34 -0.96 0.00	23.95 -1.05 0.04	25.03 -1.02 0.21	24.72 -0.96 0.17	25.16 -1.84 0.40	28.68 -1.75 0.91	32.33 -1.82 1.48	33.77 -2.08 2.71	33.75 -2.15 1.78	31.68 -2.09 2.31	28.54 -1.65 0.89	26.61 -0.98 0.27	22.78 -0.97 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.99 0.84 -1.99	20.79 0.82 -0.99	18.50 0.76 0.00	18.09 0.73 0.00	18.48 0.71 0.00	21.63 0.77 0.00	26.56 0.85 0.00	28.54 1.26 0.00	26.87 1.33 -0.04	25.62 1.24 0.00	24.70 1.29 0.00	24.63 1.33 0.00	26.52 1.48 0.00	27.87 1.60 0.00	27.51 1.65 0.00	29.15 1.75 0.00	33.63 2.29 0.00	38.12 2.49 0.00	41.26 2.70 0.00	40.27 2.60 0.00	38.39 2.31 0.00	32.63 1.55 0.00	29.17 1.31 0.00	24.80 1.05 0.00
MILLWOOD_13_KV_LOAD 356217	22.03 0.88 -1.99	20.83 0.85 -0.99	18.53 0.80 0.00	18.11 0.75 0.00	18.50 0.73 0.00	21.65 0.79 0.00	26.61 0.90 0.00	28.60 1.31 0.00	26.92 1.38 -0.04	25.66 1.29 0.00	24.75 1.33 0.00	24.67 1.37 0.00	26.57 1.53 0.00	27.94 1.68 0.00	27.59 1.73 0.00	29.23 1.84 0.00	33.72 2.38 0.00	38.26 2.64 0.00	41.41 2.85 0.00	40.38 2.71 0.00	38.50 2.42 0.00	32.69 1.62 0.00	29.22 1.37 0.00	24.85 1.09 0.00
MODEL_CITY_ENERGY 24167	17.40 -1.88 -0.12	17.11 -1.94 -0.07	15.98 -1.76 0.00	15.68 -1.68 0.00	16.10 -1.67 0.00	18.83 -2.02 0.00	23.42 -2.29 0.00	24.78 -2.51 0.00	23.35 -2.12 0.03	22.64 -1.73 0.00	21.73 -1.69 0.00	21.60 -1.70 0.00	23.13 -1.88 0.04	24.12 -1.94 0.20	23.87 -1.81 0.17	24.21 -2.79 0.39	27.57 -2.88 0.88	30.97 -3.21 1.45	32.15 -3.66 2.74	32.21 -3.73 1.73	30.20 -3.53 2.34	27.41 -2.80 0.87	25.70 -1.90 0.26	22.14 -1.62 0.00
MODERN_LFGE___ 323580	17.40 -1.88 -0.12	17.11 -1.94 -0.07	15.98 -1.76 0.00	15.68 -1.68 0.00	16.10 -1.67 0.00	18.83 -2.02 0.00	23.42 -2.29 0.00	24.78 -2.51 0.00	23.35 -2.12 0.03	22.64 -1.73 0.00	21.73 -1.69 0.00	21.60 -1.70 0.00	23.13 -1.88 0.04	24.12 -1.94 0.20	23.87 -1.81 0.17	24.21 -2.79 0.39	27.57 -2.88 0.88	30.97 -3.21 1.45	32.15 -3.66 2.74	32.21 -3.73 1.73	30.20 -3.53 2.34	27.41 -2.80 0.87	25.70 -1.90 0.26	22.14 -1.62 0.00
MOHAWK_PAPER___DRP 24187	22.54 0.80 -2.58	21.05 0.78 -1.29	18.48 0.74 0.00	18.07 0.71 0.00	18.48 0.71 0.00	21.61 0.75 0.00	26.48 0.77 0.00	28.33 1.04 0.00	27.10 1.07 -0.52	25.30 0.93 0.00	24.35 0.94 0.00	24.23 0.93 0.00	26.07 1.03 0.00	27.29 1.02 0.00	26.86 1.01 0.00	28.38 0.99 0.00	32.75 1.41 0.00	37.30 1.67 0.00	40.30 1.74 0.00	39.33 1.66 0.00	37.67 1.59 0.00	32.16 1.09 0.00	28.75 0.89 0.00	24.56 0.81 0.00
MOHICAN___35_KV_115KV_LD 80490	23.06 1.26 -2.64	21.56 1.25 -1.32	18.89 1.15 0.00	18.47 1.11 0.00	18.92 1.15 0.00	22.29 1.44 0.00	27.53 1.83 0.00	29.39 2.10 0.00	27.93 2.07 -0.36	26.20 1.83 0.00	25.01 1.59 0.00	24.81 1.51 0.00	26.69 1.65 0.00	27.92 1.65 0.00	27.46 1.60 0.00	29.12 1.73 0.00	33.66 2.32 0.00	38.58 2.96 0.00	41.92 3.35 0.00	40.91 3.24 0.00	39.47 3.39 0.00	33.59 2.52 0.00	30.00 2.15 0.00	25.56 1.81 0.00
MONGAUP___HYD 23641	21.64 0.71 -1.77	20.53 0.66 -0.88	18.37 0.64 0.00	18.00 0.64 0.00	18.35 0.59 0.00	21.52 0.67 0.00	26.48 0.77 0.00	28.35 1.06 0.00	26.61 1.07 -0.03	25.30 0.93 0.00	24.35 0.94 0.00	24.21 0.91 0.00	26.09 1.05 0.00	27.42 1.15 0.00	27.09 1.24 0.00	28.82 1.42 0.00	33.16 1.82 0.00	37.80 2.17 0.00	41.03 2.47 0.00	40.08 2.41 0.00	38.28 2.20 0.00	32.54 1.46 0.00	29.03 1.17 0.00	24.66 0.90 0.00
MONTAUK___DIESEL 23721	23.17 1.80 -2.21	21.71 1.71 -1.01	19.29 1.56 0.00	18.78 1.42 0.00	19.21 1.44 0.00	22.69 1.84 0.00	27.48 1.77 0.00	29.61 2.32 0.00	27.89 2.35 -0.05	26.40 2.02 0.00	25.69 2.27 0.00	27.07 2.42 -1.35	27.54 2.50 0.00	30.06 2.78 -1.01	32.76 2.84 -4.06	35.12 3.15 -4.57	38.99 4.11 -3.55	47.49 4.92 -6.95	46.43 5.28 -2.58	45.60 4.97 -2.96	41.45 4.44 -0.93	36.79 2.86 -2.86	29.72 1.87 0.00	25.27 1.52 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	17.91 -1.36 -0.11	17.61 -1.44 -0.07	16.46 -1.28 0.00	16.13 -1.23 0.00	16.58 -1.19 0.00	19.44 -1.42 0.00	24.30 -1.41 0.00	25.90 -1.39 0.00	24.30 -1.17 0.03	23.50 -0.88 0.00	22.50 -0.91 0.00	22.23 -1.07 0.00	23.58 -1.43 0.03	24.06 -2.02 0.18	23.51 -2.20 0.15	24.45 -2.60 0.35	28.02 -2.54 0.78	31.42 -2.92 1.28	32.58 -3.16 2.82	33.46 -2.67 1.54	31.46 -2.20 2.42	28.54 -1.77 0.77	26.57 -1.06 0.23	23.28 -0.48 0.00

MORRIS RIDGE___SOLAR 323848	18.01 -1.25 -0.10	17.76 -1.29 -0.06	16.62 -1.12 0.00	16.25 -1.11 0.00	16.67 -1.10 0.00	19.54 -1.31 0.00	24.30 -1.41 0.00	25.87 -1.42 0.00	24.28 -1.20 0.03	23.42 -0.95 0.00	22.43 -0.98 0.00	22.27 -1.03 0.00	23.84 -1.18 0.03	24.59 -1.52 0.16	24.12 -1.60 0.13	25.23 -1.86 0.30	28.87 -1.79 0.68	32.49 -2.03 1.11	33.38 -2.31 2.87	34.19 -2.15 1.33	31.61 -1.98 2.49	28.70 -1.71 0.66	26.57 -1.09 0.20	22.97 -0.78 0.00
MORTIMER_115KV_TB3 55949	18.35 -0.92 -0.11	18.06 -0.99 -0.06	16.87 -0.87 0.00	16.54 -0.82 0.00	16.93 -0.84 0.00	19.92 -0.94 0.00	24.73 -0.98 0.00	26.31 -0.98 0.00	24.62 -0.84 0.04	23.76 -0.61 0.00	22.78 -0.63 0.00	22.67 -0.63 0.00	24.33 -0.68 0.04	25.23 -0.81 0.22	24.74 -0.93 0.19	25.85 -1.12 0.43	29.40 -0.97 0.97	33.01 -1.03 1.58	34.62 -1.31 2.63	34.54 -1.24 1.89	32.40 -1.44 2.24	29.07 -1.06 0.95	26.90 -0.67 0.29	23.02 -0.74 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.16 0.98 -2.03	20.95 0.95 -1.01	18.60 0.87 0.00	18.19 0.83 0.00	18.57 0.80 0.00	21.75 0.90 0.00	26.71 1.00 0.00	28.76 1.47 0.00	27.08 1.53 -0.05	25.86 1.49 0.00	24.94 1.52 0.00	24.88 1.58 0.00	26.79 1.75 0.00	28.15 1.89 0.00	27.79 1.94 0.00	29.45 2.05 0.00	33.97 2.63 0.00	38.51 2.89 0.00	41.68 3.12 0.00	40.61 2.94 0.00	38.72 2.63 0.00	32.88 1.80 0.00	29.39 1.53 0.00	24.99 1.24 0.00
MUNSVILLE_WIND_PWR 323609	21.17 1.05 -0.96	20.45 1.01 -0.46	18.66 0.92 0.00	18.21 0.85 0.00	18.73 0.96 0.00	22.11 1.25 0.00	27.77 2.06 0.00	29.66 2.37 0.00	27.35 1.86 0.01	26.05 1.68 0.00	24.77 1.36 0.00	24.67 1.37 0.00	26.48 1.45 0.01	27.84 1.63 0.05	27.52 1.71 0.04	29.19 1.89 0.10	33.46 2.35 0.23	38.35 3.10 0.37	43.72 3.67 -1.50	40.62 3.39 0.44	41.12 3.54 -1.50	33.43 2.58 0.22	30.02 2.23 0.07	25.56 1.80 0.00
N SALMON___HYD 24042	18.30 -0.86 0.00	18.23 -0.76 0.00	16.97 -0.76 0.00	16.68 -0.68 0.00	17.16 -0.60 0.00	20.35 -0.50 0.00	25.17 -0.54 0.00	26.80 -0.49 0.00	24.97 -0.54 0.00	23.79 -0.59 0.00	22.74 -0.68 0.00	22.48 -0.82 0.00	24.04 -1.00 0.00	25.21 -1.05 0.00	24.72 -1.14 0.00	26.33 -1.07 0.00	30.12 -1.22 0.00	34.45 -1.17 0.00	37.98 -0.58 0.00	37.30 -0.38 0.00	35.97 -0.11 0.00	31.04 -0.03 0.00	27.75 -0.11 0.00	23.71 -0.05 0.00
N.AKRON__115KV_KNAPP 355671	17.91 -1.36 -0.11	17.61 -1.44 -0.06	16.47 -1.26 0.00	16.14 -1.22 0.00	16.56 -1.21 0.00	19.46 -1.40 0.00	24.22 -1.49 0.00	25.79 -1.50 0.00	24.24 -1.22 0.04	23.45 -0.93 0.00	22.48 -0.94 0.00	22.34 -0.96 0.00	23.93 -1.08 0.04	24.64 -1.42 0.21	24.10 -1.58 0.17	25.11 -1.89 0.40	28.68 -1.75 0.90	32.22 -1.92 1.48	33.53 -2.31 2.71	33.71 -2.18 1.77	31.53 -2.24 2.32	28.45 -1.74 0.88	26.53 -1.06 0.27	22.76 -1.00 0.00
N.BELMOR_69_KV_BK1 55787	22.65 1.28 -2.21	21.23 1.23 -1.01	18.87 1.13 0.00	18.40 1.04 0.00	18.83 1.07 0.00	22.06 1.21 0.00	27.02 1.31 0.00	29.12 1.83 0.00	27.41 1.86 -0.05	26.03 1.66 0.00	25.24 1.83 0.00	26.58 1.93 -1.35	27.14 2.10 0.00	29.58 2.31 -1.01	32.27 2.35 -4.06	34.46 2.49 -4.57	38.05 3.17 -3.55	46.10 3.53 -6.94	44.96 3.82 -2.58	44.25 3.62 -2.96	40.34 3.32 -0.93	36.29 2.36 -2.86	29.86 2.01 0.00	25.39 1.64 0.00
N.E_GEN_SANDY PD 24062	25.00 0.88 -4.96	23.62 0.86 -3.78	22.10 0.80 -3.57	21.14 0.76 -3.02	22.04 0.76 -3.51	24.35 0.86 -2.64	28.38 0.92 -1.75	30.77 1.26 -2.22	27.17 1.33 -0.35	25.54 1.17 0.00	24.61 1.19 0.00	24.53 1.23 0.00	26.93 1.35 -0.54	27.60 1.34 0.00	27.09 1.24 0.00	28.74 1.34 0.00	33.12 1.79 0.00	39.96 2.10 -2.23	40.80 2.24 0.00	40.60 2.15 -0.78	37.70 1.98 0.37	32.41 1.34 0.00	28.97 1.12 0.00	26.00 1.00 -1.25
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.85 0.79 -1.90	20.69 0.76 -0.95	18.44 0.71 0.00	18.04 0.68 0.00	18.43 0.66 0.00	21.56 0.71 0.00	26.48 0.77 0.00	28.44 1.15 0.00	26.74 1.20 -0.04	25.49 1.12 0.00	24.59 1.17 0.00	24.49 1.19 0.00	26.37 1.33 0.00	27.73 1.47 0.00	27.41 1.55 0.00	29.04 1.64 0.00	33.47 2.13 0.00	37.98 2.35 0.00	41.11 2.55 0.00	40.08 2.41 0.00	38.25 2.16 0.00	32.47 1.40 0.00	29.03 1.17 0.00	24.70 0.95 0.00
N.QUEENS_27_KV_LOAD 356247	22.39 1.21 -2.03	21.14 1.14 -1.01	18.73 0.99 0.00	18.31 0.95 0.00	18.66 0.89 0.00	21.83 0.98 0.00	26.66 0.95 0.00	28.71 1.42 0.00	27.13 1.58 -0.05	25.93 1.56 0.00	25.02 1.62 0.01	24.97 1.68 0.01	26.88 1.85 0.01	28.26 2.00 0.00	27.89 2.04 0.01	29.59 2.19 0.00	34.09 2.76 0.01	38.61 2.99 0.01	41.84 3.28 0.00	40.76 3.09 0.00	38.86 2.78 0.00	32.91 1.83 0.00	29.50 1.64 0.00	25.13 1.38 0.00
N.TROY___115KV_TB1 355778	22.63 0.88 -2.59	21.15 0.87 -1.29	18.55 0.82 0.00	18.14 0.78 0.00	18.55 0.78 0.00	21.75 0.90 0.00	26.74 1.03 0.00	28.63 1.34 0.00	27.69 1.53 -0.66	25.71 1.34 0.00	24.75 1.33 0.00	24.60 1.30 0.00	26.32 1.28 0.00	27.58 1.31 0.00	27.09 1.24 0.00	28.63 1.23 0.00	33.09 1.75 0.00	37.69 2.07 0.00	40.76 2.20 0.00	39.82 2.15 0.00	38.14 2.06 0.00	32.54 1.46 0.00	29.08 1.23 0.00	24.85 1.09 0.00
NARROWS_GT1_1 24228	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
NARROWS_GT1_2 24229	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
NARROWS_GT1_3 24230	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
NARROWS_GT1_4 24231	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01

NARROWS_GT1_5 24232	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
NARROWS_GT1_6 24233	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
NARROWS_GT1_7 24234	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
NARROWS_GT1_8 24235	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
NARROWS_GT2_1 24236	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
NARROWS_GT2_2 24237	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
NARROWS_GT2_3 24238	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
NARROWS_GT2_4 24239	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
NARROWS_GT2_5 24240	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
NARROWS_GT2_6 24241	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
NARROWS_GT2_7 24242	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
NARROWS_GT2_8 24243	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.47 0.90 -2.41	21.04 0.85 -1.20	18.69 0.96 0.00	18.30 0.94 0.00	18.69 0.92 0.00	21.86 1.00 0.00	26.76 1.05 0.00	28.54 1.26 0.00	26.26 1.35 0.59	25.27 0.90 0.00	24.26 0.84 0.00	24.04 0.75 0.00	25.89 0.85 0.00	27.13 0.87 0.00	26.76 0.90 0.00	28.36 0.96 0.00	32.81 1.47 0.00	37.59 1.96 0.00	40.72 2.16 0.00	39.78 2.11 0.00	38.25 2.16 0.00	32.57 1.49 0.00	29.06 1.20 0.00	24.82 1.07 0.00
NCHELSEA_115KV_TR2 355582	22.07 0.90 -2.02	20.85 0.85 -1.01	18.55 0.82 0.00	18.16 0.80 0.00	18.52 0.75 0.00	21.69 0.83 0.00	26.69 0.98 0.00	28.63 1.34 0.00	26.94 1.40 -0.03	25.62 1.24 0.00	24.68 1.26 0.00	24.58 1.28 0.00	26.47 1.43 0.00	27.87 1.60 0.00	27.53 1.68 0.00	29.18 1.78 0.00	33.63 2.29 0.00	38.19 2.57 0.00	41.41 2.85 0.00	40.42 2.75 0.00	38.61 2.53 0.00	32.78 1.71 0.00	29.28 1.42 0.00	24.89 1.14 0.00
NEG CAPITAL___MECHNVIL 23645	22.85 1.07 -2.62	21.34 1.04 -1.31	18.69 0.96 0.00	18.28 0.92 0.00	18.73 0.96 0.00	22.00 1.15 0.00	27.12 1.41 0.00	28.95 1.66 0.00	27.73 1.76 -0.47	25.93 1.56 0.00	24.89 1.48 0.00	24.72 1.42 0.00	26.54 1.50 0.00	27.76 1.50 0.00	27.30 1.45 0.00	28.82 1.42 0.00	33.19 1.85 0.00	37.98 2.35 0.00	41.11 2.54 0.00	40.12 2.45 0.00	38.54 2.45 0.00	32.81 1.74 0.00	29.36 1.50 0.00	25.20 1.45 0.00

NEG CENTRAL_HIGH_ACRES 23767	18.18 -1.09 -0.11	17.91 -1.14 -0.06	16.71 -1.03 0.00	16.39 -0.97 0.00	16.77 -0.99 0.00	19.75 -1.11 0.00	24.50 -1.21 0.00	26.09 -1.20 0.00	24.37 -1.10 0.03	23.50 -0.88 0.00	22.53 -0.89 0.00	22.41 -0.89 0.00	24.08 -0.93 0.03	25.17 -0.89 0.20	24.78 -0.91 0.17	25.73 -1.29 0.38	29.23 -1.25 0.86	32.90 -1.32 1.40	34.71 -1.50 2.35	34.48 -1.51 1.68	32.60 -1.51 1.97	28.99 -1.24 0.84	26.65 -0.95 0.26	22.78 -0.97 0.00
NEG CENTRAL____DRP 24199	18.85 -0.38 -0.08	18.59 -0.44 -0.05	17.36 -0.37 0.00	17.00 -0.36 0.00	17.43 -0.34 0.00	20.50 -0.35 0.00	25.48 -0.23 0.00	27.07 -0.22 0.00	25.26 -0.23 0.01	24.25 -0.12 0.00	23.23 -0.19 0.00	23.11 -0.19 0.00	24.83 -0.20 0.01	25.93 -0.26 0.07	25.51 -0.28 0.06	26.87 -0.38 0.14	30.83 -0.19 0.32	34.88 -0.21 0.53	36.83 -0.23 1.50	36.77 -0.26 0.64	34.52 -0.25 1.31	30.48 -0.28 0.32	27.62 -0.14 0.10	23.56 -0.19 0.00
NEG CENTRAL____INDECK 23768	18.62 -0.61 -0.08	18.33 -0.70 -0.05	17.15 -0.58 0.00	16.82 -0.54 0.00	17.22 -0.55 0.00	20.31 -0.54 0.00	25.30 -0.41 0.00	27.07 -0.22 0.00	25.19 -0.28 0.03	24.25 -0.12 0.00	23.14 -0.28 0.00	22.95 -0.35 0.00	24.51 -0.50 0.03	25.70 -0.39 0.18	25.42 -0.28 0.15	26.24 -0.82 0.34	30.04 -0.53 0.77	34.09 -0.29 1.25	35.49 -0.19 2.88	35.98 -0.19 1.50	33.38 -0.22 2.49	30.11 -0.22 0.75	27.77 0.14 0.23	23.73 -0.02 0.00
NEG CENTRAL____SENECA 23627	18.68 -0.50 -0.02	18.46 -0.55 -0.02	17.26 -0.48 0.00	16.89 -0.47 0.00	17.34 -0.43 0.00	20.40 -0.46 0.00	25.40 -0.31 0.00	27.07 -0.22 0.00	25.28 -0.20 0.02	24.28 -0.10 0.00	23.25 -0.16 0.00	23.14 -0.16 0.00	24.84 -0.18 0.02	25.87 -0.26 0.13	25.41 -0.34 0.11	26.73 -0.41 0.26	30.57 -0.19 0.58	34.46 -0.21 0.95	35.76 -0.27 2.53	36.23 -0.30 1.14	33.63 -0.25 2.20	30.23 -0.28 0.57	27.57 -0.11 0.17	23.61 -0.14 0.00
NEG CENTRAL____STATE_STREET 24147	19.10 -0.19 -0.14	18.81 -0.25 -0.07	17.54 -0.20 0.00	17.17 -0.19 0.00	17.59 -0.18 0.00	20.69 -0.17 0.00	25.68 -0.03 0.00	27.15 -0.14 0.00	25.35 -0.15 0.00	24.30 -0.07 0.00	23.30 -0.12 0.00	23.21 -0.09 0.00	24.96 -0.08 0.00	26.18 -0.08 0.00	25.72 -0.13 0.00	27.23 -0.16 0.00	31.31 -0.03 0.00	35.59 -0.04 0.00	38.21 -0.04 0.31	37.63 -0.04 0.00	35.72 -0.07 0.29	30.98 -0.09 0.00	27.80 -0.06 0.00	23.63 -0.12 0.00
NEG MILLWOOD____DRP 24198	22.20 1.00 -2.04	20.95 0.95 -1.02	18.60 0.87 0.00	18.19 0.83 0.00	18.57 0.80 0.00	21.75 0.90 0.00	26.76 1.05 0.00	28.76 1.47 0.00	27.10 1.56 -0.04	25.81 1.44 0.00	24.87 1.45 0.00	24.77 1.47 0.00	26.67 1.63 0.00	28.08 1.81 0.00	27.72 1.86 0.00	29.37 1.97 0.00	33.88 2.54 0.00	38.51 2.89 0.00	41.72 3.16 0.00	40.69 3.01 0.00	38.86 2.78 0.00	32.97 1.90 0.00	29.45 1.59 0.00	25.01 1.26 0.00
NEG NORTH_FLCN_SEA 23793	18.37 -0.79 0.00	18.28 -0.70 0.00	17.04 -0.69 0.00	16.75 -0.61 0.00	17.25 -0.52 0.00	20.50 -0.35 0.00	25.12 -0.59 0.00	26.77 -0.52 0.00	24.99 -0.51 0.00	23.71 -0.66 0.00	22.62 -0.80 0.00	22.34 -0.96 0.00	23.86 -1.18 0.00	25.06 -1.21 0.00	24.54 -1.32 0.00	26.08 -1.32 0.00	29.90 -1.44 0.00	34.49 -1.14 0.00	38.72 0.15 0.00	37.94 0.26 0.00	36.62 0.54 0.00	31.60 0.53 0.00	28.22 0.36 0.00	24.13 0.38 0.00
NEG NORTH_KES_CHATEGAY 23792	18.22 -0.94 0.00	18.13 -0.85 0.00	16.90 -0.83 0.00	16.61 -0.75 0.00	17.09 -0.68 0.00	20.29 -0.56 0.00	25.38 -0.33 0.00	27.07 -0.22 0.00	25.22 -0.28 0.00	23.93 -0.44 0.00	22.81 -0.61 0.00	22.51 -0.79 0.00	24.06 -0.98 0.00	25.27 -1.00 0.00	24.74 -1.11 0.00	26.30 -1.10 0.00	30.18 -1.16 0.00	34.88 -0.75 0.00	39.06 0.50 0.00	38.35 0.68 0.00	37.02 0.94 0.00	31.88 0.81 0.00	28.44 0.59 0.00	24.30 0.55 0.00
NEG NORTH____ALICE_FALLS 23915	18.39 -0.77 0.00	18.30 -0.68 0.00	17.04 -0.69 0.00	16.77 -0.59 0.00	17.27 -0.50 0.00	20.54 -0.31 0.00	25.35 -0.36 0.00	27.04 -0.25 0.00	25.22 -0.28 0.00	23.91 -0.46 0.00	22.78 -0.63 0.00	22.51 -0.79 0.00	24.04 -1.00 0.00	25.24 -1.02 0.00	24.72 -1.14 0.00	26.27 -1.12 0.00	30.18 -1.16 0.00	34.84 -0.78 0.00	39.02 0.46 0.00	38.31 0.64 0.00	36.98 0.90 0.00	31.85 0.78 0.00	28.41 0.56 0.00	24.28 0.52 0.00
NEG NORTH____LWR_SARANAC 23913	18.39 -0.77 0.00	18.30 -0.68 0.00	17.04 -0.69 0.00	16.77 -0.59 0.00	17.27 -0.50 0.00	20.54 -0.31 0.00	25.35 -0.36 0.00	27.04 -0.25 0.00	25.22 -0.28 0.00	23.91 -0.46 0.00	22.78 -0.63 0.00	22.51 -0.79 0.00	24.04 -1.00 0.00	25.24 -1.02 0.00	24.72 -1.14 0.00	26.27 -1.12 0.00	30.18 -1.16 0.00	34.84 -0.78 0.00	39.02 0.46 0.00	38.31 0.64 0.00	36.98 0.90 0.00	31.85 0.78 0.00	28.41 0.56 0.00	24.28 0.52 0.00
NEG NORTH____PLATTSBURG 23628	18.39 -0.77 0.00	18.30 -0.68 0.00	17.04 -0.69 0.00	16.77 -0.59 0.00	17.27 -0.50 0.00	20.54 -0.31 0.00	25.35 -0.36 0.00	27.04 -0.25 0.00	25.22 -0.28 0.00	23.91 -0.46 0.00	22.79 -0.63 0.00	22.51 -0.79 0.00	24.04 -1.00 0.00	25.21 -1.05 0.00	24.69 -1.16 0.00	26.27 -1.12 0.00	30.27 -1.07 0.00	34.84 -0.78 0.00	39.03 0.46 0.00	38.31 0.64 0.00	36.99 0.90 0.00	31.85 0.78 0.00	28.41 0.56 0.00	24.27 0.52 0.00
NEG WEST_LEA_LOCKPORT 23791	17.62 -1.65 -0.12	17.34 -1.71 -0.07	16.23 -1.51 0.00	15.90 -1.46 0.00	16.29 -1.47 0.00	19.10 -1.75 0.00	23.78 -1.93 0.00	25.22 -2.07 0.00	23.76 -1.71 0.03	23.01 -1.36 0.00	22.08 -1.33 0.00	21.95 -1.35 0.00	23.50 -1.50 0.04	24.12 -1.94 0.20	23.61 -2.07 0.17	24.56 -2.44 0.40	28.10 -2.35 0.89	31.46 -2.71 1.46	32.59 -3.24 2.73	32.84 -3.09 1.75	30.72 -3.03 2.33	27.78 -2.42 0.87	26.03 -1.56 0.27	22.40 -1.35 0.00
NEG WEST____LANCASTER 23811	17.74 -1.53 -0.12	17.48 -1.58 -0.07	16.39 -1.35 0.00	16.04 -1.32 0.00	16.45 -1.31 0.00	19.25 -1.61 0.00	23.96 -1.75 0.00	25.30 -1.99 0.00	23.74 -1.73 0.03	23.01 -1.36 0.00	22.11 -1.31 0.00	21.95 -1.35 0.00	23.43 -1.58 0.03	23.69 -2.39 0.18	23.27 -2.43 0.15	24.25 -2.79 0.35	27.76 -2.79 0.79	31.06 -3.28 1.29	32.02 -3.78 2.76	32.47 -3.65 1.55	30.90 -2.81 2.37	27.32 -2.98 0.77	25.45 -2.17 0.24	22.64 -1.12 0.00
NEG_PENN_ALLEGHNY 23528	19.53 -0.15 -0.53	19.06 -0.19 -0.27	17.59 -0.14 0.00	17.22 -0.14 0.00	17.65 -0.12 0.00	20.69 -0.17 0.00	25.63 -0.08 0.00	27.29 0.00 0.00	25.49 0.00 0.01	24.45 0.07 0.00	23.44 0.02 0.00	23.35 0.05 0.00	25.08 0.05 0.01	26.26 0.05 0.06	25.94 0.13 0.05	27.23 -0.05 0.11	31.18 0.09 0.25	35.35 0.14 0.41	37.81 0.15 0.91	37.29 0.11 0.50	35.56 0.11 0.63	30.77 -0.06 0.25	27.84 0.06 0.08	23.80 0.05 0.00
NEG____GEN_MONROE 24207	18.33 -0.94 -0.11	18.02 -1.03 -0.06	16.83 -0.90 0.00	16.51 -0.85 0.00	16.92 -0.85 0.00	19.92 -0.94 0.00	24.68 -1.03 0.00	26.25 -1.04 0.00	24.57 -0.89 0.04	23.74 -0.63 0.00	22.76 -0.66 0.00	22.60 -0.70 0.00	24.25 -0.75 0.04	25.10 -0.95 0.22	24.58 -1.09 0.19	25.65 -1.32 0.43	29.19 -1.19 0.96	32.81 -1.25 1.57	34.34 -1.58 2.64	34.39 -1.39 1.89	32.29 -1.55 2.24	28.98 -1.15 0.94	26.82 -0.75 0.29	22.99 -0.76 0.00

NEPA__ENERGY 23901	17.94 -1.34 -0.12	17.67 -1.39 -0.07	16.55 -1.19 0.00	16.18 -1.18 0.00	16.61 -1.15 0.00	19.42 -1.44 0.00	24.17 -1.54 0.00	25.71 -1.58 0.00	24.12 -1.35 0.03	23.35 -1.02 0.00	22.41 -1.01 0.00	22.27 -1.03 0.00	23.78 -1.23 0.03	24.38 -1.71 0.18	23.97 -1.73 0.15	24.99 -2.05 0.35	28.61 -1.94 0.78	32.03 -2.32 1.28	33.04 -2.78 2.74	33.57 -2.56 1.54	31.39 -2.35 2.35	28.23 -2.08 0.77	26.26 -1.37 0.23	22.85 -0.90 0.00
NEVERSink__HYD 23608	21.54 0.61 -1.77	20.44 0.57 -0.88	18.30 0.57 0.00	17.91 0.56 0.00	18.28 0.52 0.00	21.44 0.58 0.00	26.43 0.72 0.00	28.30 1.01 0.00	26.55 1.05 0.00	25.25 0.88 0.00	24.31 0.89 0.00	24.18 0.89 0.00	26.04 1.00 0.00	27.39 1.13 0.00	27.07 1.22 0.00	28.79 1.40 0.00	33.09 1.75 0.00	37.73 2.10 0.00	40.95 2.39 0.00	39.97 2.30 0.00	38.21 2.13 0.00	32.47 1.40 0.00	28.97 1.12 0.00	24.61 0.85 0.00
NEWKRMKL_115KV_TB1 55635	22.44 0.71 -2.58	20.97 0.70 -1.29	18.41 0.67 0.00	18.00 0.64 0.00	18.39 0.62 0.00	21.46 0.60 0.00	26.22 0.51 0.00	28.03 0.74 0.00	26.14 0.79 0.15	25.03 0.66 0.00	24.12 0.70 0.00	23.97 0.68 0.00	25.79 0.75 0.00	27.00 0.74 0.00	26.58 0.72 0.00	28.08 0.68 0.00	32.40 1.07 0.00	36.87 1.25 0.00	39.83 1.27 0.00	38.88 1.21 0.00	37.27 1.19 0.00	31.79 0.71 0.00	28.41 0.56 0.00	24.30 0.55 0.00
NEWTON__FALLS_HYD 23847	18.40 -0.80 -0.05	18.23 -0.78 -0.02	16.97 -0.76 0.00	16.61 -0.75 0.00	17.06 -0.71 0.00	20.15 -0.71 0.00	25.04 -0.67 0.00	26.61 -0.68 0.00	24.69 -0.82 0.00	23.47 -0.90 0.00	22.43 -0.98 0.00	22.20 -1.10 0.00	23.79 -1.25 0.00	24.98 -1.29 0.00	24.59 -1.27 0.00	26.14 -1.26 0.00	29.77 -1.57 0.00	34.06 -1.57 0.00	37.29 -1.27 0.00	36.58 -1.09 0.00	35.40 -0.69 0.00	30.39 -0.68 0.00	27.19 -0.67 0.00	23.18 -0.57 0.00
NGRID_A1_DSASP 323792	17.11 -2.16 -0.12	16.83 -2.22 -0.07	15.89 -1.84 0.00	15.57 -1.79 0.00	15.81 -1.95 0.00	18.50 -2.36 0.00	23.06 -2.65 0.00	24.42 -2.86 0.00	23.04 -2.42 0.03	22.35 -2.02 0.00	21.45 -1.97 0.00	21.32 -1.98 0.00	22.85 -2.15 0.04	23.83 -2.23 0.20	23.59 -2.09 0.17	23.88 -3.12 0.39	27.14 -3.32 0.88	30.45 -3.74 1.44	31.65 -4.17 2.75	31.65 -4.30 1.73	29.69 -4.04 2.35	26.92 -3.29 0.86	25.39 -2.20 0.26	22.04 -1.71 0.00
NGRID_A2_DSASP 323793	17.11 -2.16 -0.12	16.83 -2.22 -0.07	15.89 -1.84 0.00	15.57 -1.79 0.00	15.81 -1.95 0.00	18.50 -2.36 0.00	23.06 -2.65 0.00	24.42 -2.86 0.00	23.04 -2.42 0.03	22.35 -2.02 0.00	21.45 -1.97 0.00	21.32 -1.98 0.00	22.85 -2.15 0.04	23.83 -2.23 0.20	23.59 -2.09 0.17	23.88 -3.12 0.39	27.14 -3.32 0.88	30.45 -3.74 1.44	31.65 -4.17 2.75	31.65 -4.30 1.73	29.69 -4.04 2.35	26.92 -3.29 0.86	25.39 -2.20 0.26	22.04 -1.71 0.00
NGRID_A4_DSASP 323807	17.11 -2.16 -0.12	16.83 -2.22 -0.07	15.89 -1.84 0.00	15.57 -1.79 0.00	15.81 -1.95 0.00	18.50 -2.36 0.00	23.06 -2.65 0.00	24.42 -2.86 0.00	23.04 -2.42 0.03	22.35 -2.02 0.00	21.45 -1.97 0.00	21.32 -1.98 0.00	22.85 -2.15 0.04	23.83 -2.23 0.20	23.59 -2.09 0.17	23.88 -3.12 0.39	27.14 -3.32 0.88	30.45 -3.74 1.44	31.65 -4.17 2.75	31.65 -4.30 1.73	29.69 -4.04 2.35	26.92 -3.29 0.86	25.39 -2.20 0.26	22.04 -1.71 0.00
NIAGARA_115E_LBMP 323715	17.30 -1.97 -0.12	17.02 -2.03 -0.07	15.87 -1.86 0.00	15.57 -1.79 0.00	15.99 -1.78 0.00	18.73 -2.13 0.00	23.24 -2.47 0.00	24.59 -2.70 0.00	23.17 -2.30 0.03	22.47 -1.90 0.00	21.57 -1.85 0.00	21.43 -1.86 0.00	22.95 -2.05 0.04	23.94 -2.13 0.20	23.69 -1.99 0.17	24.02 -2.99 0.39	27.32 -3.13 0.88	30.70 -3.49 1.44	31.84 -3.97 2.75	31.91 -4.03 1.73	29.91 -3.83 2.35	27.20 -3.01 0.86	25.51 -2.09 0.26	21.97 -1.78 0.00
NIAGARA_115W_LBMP 323714	17.05 -2.22 -0.12	16.77 -2.28 -0.07	15.85 -1.88 0.00	15.54 -1.82 0.00	15.76 -2.01 0.00	18.44 -2.42 0.00	22.98 -2.73 0.00	24.34 -2.95 0.00	22.97 -2.50 0.03	22.28 -2.10 0.00	21.38 -2.04 0.00	21.25 -2.05 0.00	22.75 -2.25 0.04	23.75 -2.31 0.20	23.51 -2.17 0.17	23.80 -3.21 0.39	27.01 -3.45 0.88	30.34 -3.85 1.44	31.49 -4.32 2.75	31.50 -4.45 1.73	29.58 -4.15 2.35	26.83 -3.39 0.86	25.31 -2.28 0.26	22.02 -1.73 0.00
NIAGARA_230_LBMP 323716	17.49 -1.78 -0.12	17.23 -1.82 -0.07	16.10 -1.63 0.00	15.80 -1.56 0.00	16.19 -1.58 0.00	18.94 -1.92 0.00	23.58 -2.13 0.00	24.91 -2.37 0.00	23.48 -1.99 0.04	22.76 -1.61 0.00	21.85 -1.57 0.00	21.71 -1.59 0.00	23.28 -1.73 0.04	24.22 -1.84 0.21	24.00 -1.68 0.17	24.37 -2.63 0.40	27.77 -2.66 0.90	31.19 -2.96 1.48	32.30 -3.51 2.75	32.44 -3.47 1.77	30.34 -3.39 2.35	27.55 -2.64 0.88	25.83 -1.75 0.27	22.21 -1.54 0.00
NIAGARA__115KV_198_GIBSON 55903	17.05 -2.22 -0.12	16.77 -2.28 -0.07	15.69 -2.04 0.00	15.54 -1.82 0.00	15.76 -2.01 0.00	18.44 -2.42 0.00	22.98 -2.73 0.00	24.34 -2.95 0.00	22.99 -2.47 0.03	22.28 -2.10 0.00	21.38 -2.04 0.00	21.25 -2.05 0.00	22.75 -2.25 0.04	23.75 -2.71 0.20	22.87 -2.82 0.17	23.77 -3.23 0.39	27.04 -3.42 0.88	30.27 -3.92 1.44	31.30 -4.51 2.75	31.50 -4.45 1.73	29.47 -4.26 2.35	26.73 -3.48 0.86	25.23 -2.37 0.26	22.02 -1.73 0.00
NIAGARA____ 23760	17.49 -1.78 -0.12	17.23 -1.82 -0.07	16.10 -1.63 0.00	15.80 -1.56 0.00	16.19 -1.58 0.00	18.94 -1.92 0.00	23.58 -2.13 0.00	24.91 -2.37 0.00	23.48 -1.99 0.03	22.76 -1.61 0.00	21.85 -1.57 0.00	21.71 -1.59 0.00	23.28 -1.73 0.04	24.22 -1.84 0.20	24.00 -1.68 0.17	24.37 -2.63 0.40	27.78 -2.66 0.89	31.21 -2.96 1.46	32.30 -3.51 2.75	32.46 -3.47 1.75	30.34 -3.39 2.35	27.56 -2.64 0.87	25.84 -1.75 0.26	22.21 -1.54 0.00
NINE_MILE_1 23575	18.83 -0.44 -0.11	18.59 -0.46 -0.06	17.31 -0.43 0.00	16.94 -0.42 0.00	17.36 -0.41 0.00	20.38 -0.48 0.00	25.20 -0.51 0.00	26.53 -0.76 0.00	24.49 -0.74 0.27	23.72 -0.66 0.00	22.76 -0.66 0.00	22.67 -0.63 0.00	24.06 -0.70 0.28	23.96 -0.71 1.60	23.81 -0.70 1.35	23.46 -0.82 3.11	23.49 -0.84 7.00	23.22 -0.96 11.45	22.84 -1.00 14.72	22.93 -1.02 13.73	23.06 -0.97 12.05	23.35 -0.87 6.85	25.02 -0.75 2.09	23.09 -0.66 0.00
NINE_MILE_2 23744	18.83 -0.44 -0.11	18.59 -0.46 -0.06	17.31 -0.43 0.00	16.94 -0.42 0.00	17.36 -0.41 0.00	20.38 -0.48 0.00	25.20 -0.51 0.00	26.53 -0.76 0.00	24.48 -0.74 0.28	23.72 -0.66 0.00	22.76 -0.66 0.00	22.67 -0.63 0.00	24.06 -0.70 0.28	23.94 -0.71 1.62	23.79 -0.70 1.36	23.45 -0.80 3.15	23.40 -0.84 7.09	23.10 -0.93 11.60	22.65 -1.00 14.91	22.75 -1.02 13.91	22.90 -0.97 12.21	23.26 -0.87 6.94	24.99 -0.75 2.11	23.09 -0.66 0.00
NM_CAPITAL__DRP 24208	22.45 0.73 -2.57	20.99 0.72 -1.28	18.43 0.69 0.00	18.02 0.66 0.00	18.41 0.64 0.00	21.50 0.65 0.00	26.30 0.59 0.00	28.08 0.79 0.00	26.50 0.87 -0.13	25.10 0.73 0.00	24.17 0.75 0.00	24.04 0.75 0.00	25.87 0.83 0.00	27.08 0.81 0.00	26.63 0.78 0.00	28.14 0.74 0.00	32.47 1.13 0.00	36.94 1.32 0.00	39.91 1.35 0.00	38.95 1.28 0.00	37.31 1.23 0.00	31.85 0.78 0.00	28.47 0.61 0.00	24.35 0.59 0.00

NM_CENTRAL___DRP 24181	19.11 -0.21 -0.16	18.84 -0.23 -0.08	17.52 -0.21 0.00	17.15 -0.21 0.00	17.57 -0.20 0.00	20.65 -0.21 0.00	25.58 -0.13 0.00	27.02 -0.27 0.00	25.21 -0.28 0.02	24.15 -0.22 0.00	23.18 -0.23 0.00	23.07 -0.23 0.00	24.80 -0.23 0.02	25.91 -0.26 0.09	25.52 -0.26 0.08	26.92 -0.30 0.18	30.73 -0.22 0.39	34.70 -0.29 0.64	37.42 -0.31 0.83	36.60 -0.30 0.77	35.12 -0.29 0.68	30.38 -0.31 0.39	27.49 -0.25 0.12	23.49 -0.26 0.00
NM_FRONTIER___DRP 24179	17.05 -2.22 -0.12	16.77 -2.28 -0.07	15.69 -2.04 0.00	15.54 -1.82 0.00	15.76 -2.01 0.00	18.44 -2.42 0.00	22.98 -2.73 0.00	24.34 -2.95 0.00	22.99 -2.47 0.03	22.28 -2.10 0.00	21.38 -2.04 0.00	21.25 -2.05 0.00	22.75 -2.25 0.04	23.36 -2.71 0.20	22.87 -2.82 0.17	23.77 -3.23 0.39	27.04 -3.42 0.88	30.27 -3.92 1.44	31.30 -4.51 2.75	31.50 -4.45 1.73	29.47 -4.26 2.35	26.73 -3.48 0.86	25.23 -2.37 0.26	22.02 -1.73 0.00
NM_ST_REGIS___HYD 24053	18.12 -1.03 0.00	18.04 -0.95 0.00	16.79 -0.94 0.00	16.47 -0.89 0.00	16.92 -0.85 0.00	20.00 -0.86 0.00	24.78 -0.93 0.00	26.28 -1.01 0.00	24.43 -1.07 0.00	23.28 -1.10 0.00	22.25 -1.17 0.00	22.02 -1.28 0.00	23.56 -1.48 0.00	24.74 -1.52 0.00	24.30 -1.55 0.00	25.86 -1.53 0.00	29.33 -2.01 0.00	33.59 -2.03 0.00	36.86 -1.70 0.00	36.16 -1.51 0.00	34.93 -1.15 0.00	30.14 -0.93 0.00	26.97 -0.89 0.00	23.04 -0.71 0.00
NORTHPORT___1 23551	22.78 1.40 -2.22	21.33 1.33 -1.01	18.99 1.26 0.00	18.47 1.11 0.00	18.96 1.19 0.00	22.08 1.23 0.00	27.02 1.31 0.00	29.12 1.83 0.00	27.36 1.81 -0.05	25.96 1.58 0.00	25.17 1.76 0.00	26.54 1.89 -1.36	27.02 1.98 0.00	29.38 2.10 -1.02	31.99 2.07 -4.07	34.20 2.22 -4.58	37.56 2.66 -3.56	45.82 3.24 -6.95	44.70 3.55 -2.59	43.99 3.35 -2.96	39.98 2.96 -0.94	35.99 2.05 -2.86	29.79 1.92 -0.01	25.27 1.52 0.00
NORTHPORT___2 23552	22.78 1.40 -2.22	21.33 1.33 -1.01	18.99 1.26 0.00	18.47 1.11 0.00	18.96 1.19 0.00	22.08 1.23 0.00	27.02 1.31 0.00	29.12 1.83 0.00	27.36 1.81 -0.05	25.96 1.58 0.00	25.17 1.76 0.00	26.54 1.89 -1.36	27.02 1.98 0.00	29.38 2.10 -1.02	31.99 2.07 -4.07	34.20 2.22 -4.58	37.56 2.66 -3.56	45.82 3.24 -6.95	44.70 3.55 -2.59	43.99 3.35 -2.96	39.98 2.96 -0.94	35.99 2.05 -2.86	29.79 1.92 -0.01	25.27 1.52 0.00
NORTHPORT___3 23553	22.57 1.19 -2.22	21.14 1.14 -1.01	18.78 1.05 0.00	18.31 0.95 0.00	18.75 0.98 0.00	21.92 1.06 0.00	26.87 1.16 0.00	28.95 1.66 0.00	27.26 1.71 -0.05	25.88 1.51 0.00	25.10 1.69 0.00	26.45 1.79 -1.36	26.97 1.93 0.00	29.36 2.07 -1.02	32.02 2.09 -4.07	34.28 2.30 -4.58	37.75 2.85 -3.56	45.93 3.35 -6.95	44.78 3.62 -2.59	44.10 3.46 -2.96	40.09 3.07 -0.94	36.11 2.17 -2.86	29.70 1.84 -0.01	25.20 1.45 0.00
NORTHPORT___4 23650	22.57 1.19 -2.22	21.14 1.14 -1.01	18.78 1.05 0.00	18.31 0.95 0.00	18.75 0.98 0.00	21.92 1.06 0.00	26.87 1.16 0.00	28.95 1.66 0.00	27.26 1.71 -0.05	25.88 1.51 0.00	25.10 1.69 0.00	26.45 1.79 -1.36	26.97 1.93 0.00	29.36 2.07 -1.02	32.02 2.09 -4.07	34.28 2.30 -4.58	37.75 2.85 -3.56	45.93 3.35 -6.95	44.78 3.62 -2.59	44.10 3.46 -2.96	40.09 3.07 -0.94	36.11 2.17 -2.86	29.70 1.84 -0.01	25.20 1.45 0.00
NORTHPORT___IC 23718	22.77 1.40 -2.21	21.33 1.33 -1.01	18.99 1.26 0.00	18.47 1.11 0.00	18.96 1.19 0.00	22.13 1.27 0.00	27.02 1.31 0.00	29.12 1.83 0.00	27.36 1.81 -0.05	25.96 1.58 0.00	25.17 1.76 0.00	26.54 1.89 -1.35	27.02 1.98 0.00	29.43 2.15 -1.01	32.06 2.15 -4.06	34.19 2.22 -4.57	37.65 2.76 -3.55	45.70 3.14 -6.94	44.61 3.47 -2.58	43.91 3.28 -2.96	39.98 2.96 -0.93	35.95 2.02 -2.86	29.75 1.89 0.00	25.30 1.54 0.00
NORTH___COUNTRY_ESR 323785	18.16 -1.00 0.00	18.09 -0.89 0.00	16.85 -0.89 0.00	16.56 -0.80 0.00	17.04 -0.73 0.00	20.23 -0.63 0.00	24.91 -0.80 0.00	26.53 -0.76 0.00	24.76 -0.74 0.00	23.59 -0.78 0.00	22.57 -0.84 0.00	22.32 -0.98 0.00	23.86 -1.18 0.00	25.03 -1.23 0.00	24.54 -1.32 0.00	26.11 -1.29 0.00	29.90 -1.44 0.00	34.20 -1.43 0.00	37.79 -0.77 0.00	36.99 -0.68 0.00	35.65 -0.43 0.00	30.86 -0.22 0.00	27.61 -0.25 0.00	23.59 -0.17 0.00
NPX_GEN_1385_PROXY 323591	23.14 1.76 -2.22	21.63 1.63 -1.01	19.70 1.76 -0.21	18.75 1.39 0.00	19.50 1.69 -0.04	22.17 1.31 0.00	27.20 1.49 0.00	29.36 2.07 0.00	27.23 1.68 -0.05	25.84 1.46 0.00	25.03 1.61 0.00	26.38 1.72 -1.36	26.89 1.85 0.00	29.07 1.79 -1.02	31.37 1.45 -4.07	32.86 1.45 -4.01	37.06 2.16 -3.56	45.46 2.88 -6.95	44.66 3.51 -2.59	44.13 3.13 -3.33	39.51 2.85 -0.58	35.59 1.65 -2.86	29.65 1.78 -0.01	25.20 1.45 0.00
NPX_GEN_CSC 323557	22.68 1.30 -2.22	21.23 1.23 -1.01	18.87 1.14 0.00	18.37 1.01 0.00	18.80 1.03 0.00	22.04 1.19 0.00	26.69 0.98 0.00	28.71 1.42 0.00	27.03 1.48 -0.05	25.59 1.22 0.00	24.87 1.45 0.00	26.24 1.59 -1.36	26.64 1.60 0.00	29.01 1.73 -1.02	31.71 1.78 -4.07	34.03 2.06 -4.58	37.53 2.63 -3.56	45.93 3.35 -6.96	44.78 3.62 -2.59	44.39 3.39 -3.33	39.58 2.92 -0.58	35.87 1.93 -2.86	29.37 1.50 -0.01	24.94 1.19 0.00
NSINS_S___GLNS_FALLS 23858	23.08 1.28 -2.64	21.58 1.27 -1.32	18.89 1.15 0.00	18.47 1.11 0.00	18.92 1.15 0.00	22.31 1.46 0.00	27.56 1.85 0.00	29.39 2.10 0.00	27.94 2.09 -0.35	26.23 1.85 0.00	25.01 1.59 0.00	24.79 1.49 0.00	26.69 1.65 0.00	27.92 1.65 0.00	27.46 1.60 0.00	29.12 1.73 0.00	33.66 2.32 0.00	38.58 2.96 0.00	41.92 3.35 0.00	40.95 3.28 0.00	39.51 3.43 0.00	33.62 2.55 0.00	30.03 2.17 0.00	25.58 1.83 0.00
NUCOR_STEEL___DRP 24197	19.16 -0.15 -0.15	18.87 -0.19 -0.08	17.57 -0.16 0.00	17.20 -0.16 0.00	17.63 -0.14 0.00	20.73 -0.13 0.00	25.68 -0.03 0.00	27.15 -0.14 0.00	25.35 -0.15 0.00	24.30 -0.07 0.00	23.30 -0.12 0.00	23.21 -0.09 0.00	24.96 -0.08 0.00	26.16 -0.11 0.00	25.75 -0.10 0.00	27.23 -0.16 0.00	31.31 -0.03 0.00	35.59 -0.04 0.00	38.28 -0.08 0.21	37.63 -0.04 0.00	35.82 -0.07 0.19	30.98 -0.09 0.00	27.83 -0.03 0.00	23.66 -0.10 0.00
NUMBER_THREE_WT_PWR 323818	18.86 -0.36 -0.06	18.66 -0.36 -0.03	17.34 -0.39 0.00	16.96 -0.40 0.00	17.41 -0.36 0.00	20.58 -0.27 0.00	25.63 -0.08 0.00	27.26 -0.03 0.00	25.27 -0.23 0.00	23.98 -0.39 0.00	22.90 -0.52 0.00	22.69 -0.61 0.00	24.31 -0.73 0.00	25.53 -0.74 0.00	25.13 -0.72 0.00	26.74 -0.66 0.00	30.62 -0.72 0.00	34.99 -0.64 0.00	38.37 -0.19 0.00	37.63 -0.04 0.00	36.55 0.47 0.00	31.26 0.19 0.00	27.91 0.06 0.00	23.75 0.00 0.00
NYISO_LBMP_REFERENCE 24008	19.16 0.00 0.00	18.99 0.00 0.00	17.73 0.00 0.00	17.36 0.00 0.00	17.77 0.00 0.00	20.85 0.00 0.00	25.71 0.00 0.00	27.29 0.00 0.00	25.50 0.00 0.00	24.37 0.00 0.00	23.42 0.00 0.00	23.30 0.00 0.00	25.04 0.00 0.00	26.26 0.00 0.00	25.85 0.00 0.00	27.40 0.00 0.00	31.34 0.00 0.00	35.63 0.00 0.00	38.56 0.00 0.00	37.67 0.00 0.00	36.08 0.00 0.00	31.08 0.00 0.00	27.86 0.00 0.00	23.75 0.00 0.00

NYPA_BRENTWD____GT 24164	22.91 1.53 -2.22	21.46 1.46 -1.01	19.10 1.37 0.00	18.57 1.21 0.00	19.05 1.28 0.00	22.25 1.40 0.00	27.20 1.49 0.00	29.34 2.05 0.00	27.59 2.04 -0.05	26.18 1.80 0.00	25.41 1.99 0.00	26.78 2.12 -1.36	27.27 2.23 0.00	29.67 2.39 -1.02	32.30 2.38 -4.07	34.58 2.60 -4.58	38.09 3.20 -3.56	46.50 3.92 -6.95	45.39 4.24 -2.59	44.63 3.99 -2.96	40.60 3.57 -0.94	36.49 2.55 -2.86	30.10 2.23 -0.01	25.51 1.76 0.00
NYPA_GOWANUS____GT5 24156	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
NYPA_GOWANUS____GT6 24157	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.79 0.94 0.00	26.76 1.05 0.00	28.84 1.55 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.75 1.77 -13.69	39.12 1.98 -12.10	39.92 2.07 -11.58	45.44 2.09 -17.50	39.12 2.30 -9.42	54.32 2.85 -20.13	47.00 3.28 -8.10	42.16 3.55 -0.06	41.32 3.39 -0.25	43.38 2.99 -4.31	42.67 2.05 -9.55	39.12 1.76 -9.51	25.14 1.38 -0.01
NYPA_HARLEM__RVR__GT1 24160	22.34 1.15 -2.03	21.08 1.08 -1.01	18.67 0.94 0.00	18.28 0.92 0.00	18.62 0.85 0.00	21.79 0.94 0.00	26.60 0.90 0.01	28.64 1.36 0.01	27.07 1.53 -0.04	25.88 1.51 0.01	24.98 1.57 0.01	24.90 1.61 0.01	26.84 1.80 0.01	28.12 1.86 0.01	27.76 1.91 0.01	29.50 2.11 0.01	33.90 2.57 0.01	38.57 2.96 0.01	41.72 3.16 0.01	40.71 3.05 0.01	38.74 2.67 0.01	32.87 1.80 0.01	29.44 1.59 0.00	25.08 1.33 0.00
NYPA_HARLEM__RVR__GT2 24161	22.34 1.15 -2.03	21.08 1.08 -1.01	18.67 0.94 0.00	18.28 0.92 0.00	18.62 0.85 0.00	21.79 0.94 0.00	26.60 0.90 0.01	28.64 1.36 0.01	27.07 1.53 -0.04	25.88 1.51 0.01	24.98 1.57 0.01	24.90 1.61 0.01	26.84 1.80 0.01	28.12 1.86 0.01	27.76 1.91 0.01	29.50 2.11 0.01	33.90 2.57 0.01	38.57 2.96 0.01	41.72 3.16 0.01	40.71 3.05 0.01	38.74 2.67 0.01	32.87 1.80 0.01	29.44 1.59 0.00	25.08 1.33 0.00
NYPA_KENT____GT 24152	22.26 1.07 -2.03	21.02 1.02 -1.01	18.66 0.92 0.00	18.24 0.88 0.00	18.60 0.84 0.00	21.77 0.92 0.00	26.76 1.05 0.00	28.82 1.53 0.00	27.24 1.66 -0.08	28.92 1.63 -2.91	32.88 1.69 -7.78	33.10 1.72 -8.08	34.02 1.93 -7.05	34.91 2.02 -6.63	38.58 2.04 -10.68	35.04 2.25 -5.39	47.07 2.79 -12.94	44.00 3.17 -5.20	42.02 3.43 -0.03	41.13 3.32 -0.15	41.47 3.32 -2.47	38.53 1.99 -5.47	35.00 1.70 -5.44	25.11 1.35 0.00
NYPA_POUCH1____GT 24155	22.24 1.05 -2.03	20.98 0.99 -1.01	18.60 0.87 0.00	18.19 0.83 0.00	18.55 0.78 0.00	21.71 0.86 0.00	26.69 0.98 0.00	28.73 1.45 0.00	27.19 1.58 -0.10	31.06 1.61 -5.08	38.39 1.66 -13.31	38.68 1.70 -13.69	39.02 1.88 -12.10	39.78 1.94 -11.58	45.34 1.99 -17.50	39.01 2.19 -9.42	54.23 2.76 -20.13	46.86 3.14 -8.10	42.05 3.43 -0.06	41.20 3.28 -0.25	43.28 2.89 -4.31	42.55 1.93 -9.55	39.04 1.67 -9.51	25.07 1.31 -0.01
NYPA_VERNON____GT2 24162	22.24 1.05 -2.03	21.00 1.01 -1.01	18.64 0.90 0.00	18.23 0.87 0.00	18.60 0.84 0.00	21.77 0.92 0.00	26.74 1.03 0.00	28.79 1.50 0.00	27.19 1.63 -0.05	26.72 1.61 -0.74	27.32 1.66 -2.24	27.47 1.70 -2.47	28.91 1.88 -1.99	29.91 1.97 -1.68	31.71 1.99 -3.86	30.96 2.19 -1.37	39.78 2.70 -5.75	41.03 3.10 -2.31	41.89 3.32 -0.01	40.91 3.20 -0.04	39.52 2.82 -0.62	34.39 1.93 -1.38	30.88 1.64 -1.38	25.06 1.31 0.00
NYPA_VERNON____GT3 24163	22.24 1.05 -2.03	21.00 1.01 -1.01	18.64 0.90 0.00	18.23 0.87 0.00	18.60 0.84 0.00	21.77 0.92 0.00	26.74 1.03 0.00	28.79 1.50 0.00	27.19 1.63 -0.05	26.72 1.61 -0.74	27.32 1.66 -2.24	27.47 1.70 -2.47	28.91 1.88 -1.99	29.91 1.97 -1.68	31.71 1.99 -3.86	30.96 2.19 -1.37	39.78 2.70 -5.75	41.03 3.10 -2.31	41.89 3.32 -0.01	40.91 3.20 -0.04	39.52 2.82 -0.62	34.39 1.93 -1.38	30.88 1.64 -1.38	25.06 1.31 0.00
NYPA__ASTORIA_CC1 323568	22.22 1.03 -2.03	21.00 1.01 -1.01	18.62 0.89 0.00	18.23 0.87 0.00	18.59 0.82 0.00	21.75 0.90 0.00	26.69 0.98 0.00	28.73 1.45 0.00	27.13 1.58 -0.05	25.93 1.56 0.00	25.35 1.61 -0.31	25.45 1.65 -0.49	27.13 1.85 -0.24	28.18 1.92 0.00	29.13 1.94 -1.34	29.56 2.16 0.00	36.85 2.66 -2.85	39.79 3.03 -1.14	41.84 3.28 0.00	40.84 3.16 0.00	38.86 2.78 0.00	32.94 1.86 0.00	29.47 1.62 0.00	25.03 1.28 0.00
NYPA__ASTORIA_CC2 323569	22.22 1.03 -2.03	21.00 1.01 -1.01	18.62 0.89 0.00	18.23 0.87 0.00	18.59 0.82 0.00	21.75 0.90 0.00	26.69 0.98 0.00	28.73 1.45 0.00	27.13 1.58 -0.05	25.93 1.56 0.00	25.35 1.61 -0.31	25.45 1.65 -0.49	27.13 1.85 -0.24	28.18 1.92 0.00	29.13 1.94 -1.34	29.56 2.16 0.00	36.85 2.66 -2.85	39.79 3.03 -1.14	41.84 3.28 0.00	40.84 3.16 0.00	38.86 2.78 0.00	32.94 1.86 0.00	29.47 1.62 0.00	25.03 1.28 0.00
NYPA__HOLTSVILL 23794	22.80 1.42 -2.22	21.35 1.35 -1.01	18.98 1.24 0.00	18.47 1.11 0.00	18.92 1.15 0.00	22.15 1.29 0.00	26.99 1.28 0.00	29.09 1.80 0.00	27.39 1.84 -0.05	25.96 1.58 0.00	25.20 1.78 0.00	26.57 1.91 -1.36	26.99 1.95 0.00	29.38 2.10 -1.02	32.04 2.12 -4.07	34.30 2.33 -4.58	37.81 2.91 -3.56	46.13 3.56 -6.94	45.01 3.86 -2.59	44.29 3.65 -2.96	40.23 3.21 -0.94	36.15 2.21 -2.86	29.76 1.90 -0.01	25.25 1.50 0.00
NYPA__HELLGATE_GT1 24158	22.34 1.15 -2.03	21.08 1.08 -1.01	18.67 0.94 0.00	18.28 0.92 0.00	18.62 0.85 0.00	21.79 0.94 0.00	26.60 0.90 0.01	28.64 1.36 0.01	27.07 1.53 -0.04	25.88 1.51 0.01	24.98 1.57 0.01	24.90 1.61 0.01	26.84 1.80 0.01	28.12 1.86 0.01	27.76 1.91 0.01	29.50 2.11 0.01	33.90 2.57 0.01	38.57 2.96 0.01	41.72 3.16 0.01	40.71 3.05 0.01	38.74 2.67 0.01	32.87 1.80 0.01	29.44 1.59 0.00	25.08 1.33 0.00
NYPA__HELLGATE_GT2 24159	22.34 1.15 -2.03	21.08 1.08 -1.01	18.67 0.94 0.00	18.28 0.92 0.00	18.62 0.85 0.00	21.79 0.94 0.00	26.60 0.90 0.01	28.64 1.36 0.01	27.07 1.53 -0.04	25.88 1.51 0.01	24.98 1.57 0.01	24.90 1.61 0.01	26.84 1.80 0.01	28.12 1.86 0.01	27.76 1.91 0.01	29.50 2.11 0.01	33.90 2.57 0.01	38.57 2.96 0.01	41.72 3.16 0.01	40.71 3.05 0.01	38.74 2.67 0.01	32.87 1.80 0.01	29.44 1.59 0.00	25.08 1.33 0.00
NYS_BARGE__HYD 23848	17.64 -1.63 -0.12	17.34 -1.71 -0.07	16.23 -1.51 0.00	15.90 -1.46 0.00	16.31 -1.46 0.00	19.12 -1.73 0.00	23.78 -1.93 0.00	25.24 -2.05 0.00	23.76 -1.71 0.03	23.03 -1.34 0.00	22.11 -1.31 0.00	21.95 -1.35 0.00	23.53 -1.48 0.04	24.54 -1.52 0.20	24.29 -1.40 0.17	24.64 -2.36 0.40	28.06 -2.38 0.89	31.56 -2.60 1.46	32.87 -2.97 2.73	32.87 -3.05 1.75	30.83 -2.92 2.33	27.90 -2.30 0.88	26.14 -1.45 0.27	22.40 -1.35 0.00

OAK ORCHARD___HYD 24046	18.35 -0.92 -0.11	18.06 -0.99 -0.06	16.87 -0.87 0.00	16.54 -0.82 0.00	16.93 -0.83 0.00	19.92 -0.94 0.00	24.73 -0.98 0.00	26.31 -0.98 0.00	24.60 -0.87 0.04	23.76 -0.61 0.00	22.79 -0.63 0.00	22.67 -0.63 0.00	24.33 -0.67 0.04	25.44 -0.60 0.22	25.05 -0.62 0.19	25.87 -1.10 0.43	29.37 -1.00 0.97	33.05 -1.00 1.58	34.69 -1.24 2.63	34.54 -1.24 1.89	32.51 -1.33 2.24	29.11 -1.02 0.95	26.96 -0.61 0.29	23.02 -0.74 0.00
OAKDALE___35_KV_LOAD 356122	19.43 -0.21 -0.48	19.00 -0.23 -0.25	17.54 -0.20 0.00	17.17 -0.19 0.00	17.59 -0.18 0.00	20.63 -0.23 0.00	25.53 -0.18 0.00	27.18 -0.11 0.00	25.39 -0.10 0.01	24.35 -0.02 0.00	23.37 -0.05 0.00	23.25 -0.05 0.00	24.98 -0.05 0.01	26.07 -0.13 0.06	25.67 -0.13 0.05	27.12 -0.16 0.12	31.08 0.00 0.26	35.16 -0.04 0.43	37.29 -0.12 1.16	37.08 -0.08 0.52	35.32 -0.04 0.73	30.60 -0.22 0.26	27.70 -0.08 0.08	23.71 -0.05 0.00
OCC_CHEM___DRP 24175	17.11 -2.16 -0.12	16.83 -2.22 -0.07	15.75 -1.99 0.00	15.57 -1.79 0.00	15.81 -1.95 0.00	18.50 -2.36 0.00	23.06 -2.65 0.00	24.42 -2.87 0.00	23.07 -2.40 0.03	22.35 -2.02 0.00	21.45 -1.97 0.00	21.32 -1.98 0.00	22.83 -2.18 0.04	23.44 -2.63 0.20	22.94 -2.74 0.17	23.86 -3.15 0.39	27.17 -3.29 0.88	30.37 -3.81 1.44	31.41 -4.40 2.75	31.65 -4.29 1.73	29.58 -4.15 2.35	26.86 -3.36 0.86	25.31 -2.28 0.26	22.04 -1.71 0.00
OH_GEN_PROXY 24063	17.51 -1.76 -0.12	17.25 -1.80 -0.07	16.12 -1.61 0.00	15.81 -1.55 0.00	16.21 -1.56 0.00	18.96 -1.90 0.00	23.60 -2.11 0.00	24.97 -2.32 0.00	23.50 -1.96 0.04	22.81 -1.56 0.00	21.87 -1.55 0.00	21.74 -1.56 0.00	23.30 -1.70 0.04	24.27 -1.79 0.21	24.05 -1.63 0.17	24.45 -2.55 0.40	27.87 -2.57 0.90	31.27 -2.88 1.48	32.42 -3.39 2.75	32.88 -3.39 1.40	30.05 -3.32 2.71	27.61 -2.58 0.88	25.86 -1.73 0.27	22.23 -1.52 0.00
OLIN_CORP_DRP 24177	17.34 -1.93 -0.12	17.06 -1.99 -0.07	15.96 -1.77 0.00	15.59 -1.77 0.00	16.03 -1.74 0.00	18.75 -2.11 0.00	23.29 -2.42 0.00	24.64 -2.65 0.00	23.27 -2.19 0.03	22.52 -1.85 0.00	21.61 -1.80 0.00	21.48 -1.82 0.00	23.03 -1.98 0.03	23.59 -2.47 0.20	23.13 -2.56 0.17	24.05 -2.96 0.39	27.48 -2.98 0.88	30.74 -3.46 1.43	31.72 -4.09 2.75	32.03 -3.92 1.72	29.91 -3.82 2.35	27.14 -3.08 0.86	25.51 -2.09 0.26	22.04 -1.71 0.00
OLIN_CORP_DSASP 323712	17.11 -2.16 -0.12	16.83 -2.22 -0.07	15.89 -1.84 0.00	15.57 -1.79 0.00	15.81 -1.95 0.00	18.50 -2.36 0.00	23.06 -2.65 0.00	24.42 -2.86 0.00	23.04 -2.42 0.03	22.35 -2.02 0.00	21.45 -1.97 0.00	21.32 -1.98 0.00	22.85 -2.15 0.04	23.83 -2.23 0.20	23.59 -2.09 0.17	23.88 -3.12 0.39	27.14 -3.32 0.88	30.45 -3.74 1.44	31.65 -4.17 2.75	31.65 -4.30 1.73	29.69 -4.04 2.35	26.92 -3.29 0.86	25.39 -2.20 0.26	22.04 -1.71 0.00
ONEIDA_HERK_LFGE 323681	19.33 0.12 -0.06	19.11 0.10 -0.03	17.81 0.07 0.00	17.41 0.05 0.00	17.86 0.09 0.00	21.04 0.19 0.00	26.12 0.41 0.00	27.75 0.46 0.00	25.81 0.31 0.00	24.59 0.22 0.00	23.51 0.09 0.00	23.37 0.07 0.00	25.09 0.05 0.00	26.34 0.08 0.00	25.93 0.08 0.00	27.54 0.14 0.00	31.53 0.19 0.00	36.02 0.39 0.00	39.22 0.65 0.00	38.35 0.68 0.00	36.99 0.90 0.00	31.64 0.56 0.00	28.30 0.44 0.00	24.09 0.33 0.00
ONEIDA___115KV_TB4 55905	19.63 0.36 -0.11	19.38 0.34 -0.05	18.04 0.30 0.00	17.64 0.28 0.00	18.09 0.32 0.00	21.29 0.44 0.00	26.43 0.72 0.00	28.08 0.79 0.00	26.11 0.61 0.01	24.93 0.56 0.00	23.86 0.44 0.00	23.74 0.44 0.00	25.51 0.48 0.01	26.72 0.50 0.05	26.33 0.52 0.04	27.88 0.58 0.09	31.89 0.75 0.20	36.22 0.93 0.33	39.25 1.12 0.43	38.37 1.09 0.40	36.93 1.19 0.35	31.69 0.81 0.20	28.47 0.67 0.06	24.30 0.55 0.00
ONONDAGA_REF_OCCRA 23987	19.26 -0.15 -0.25	18.92 -0.19 -0.12	17.57 -0.16 0.00	17.20 -0.16 0.00	17.63 -0.14 0.00	20.71 -0.15 0.00	25.66 -0.05 0.00	27.13 -0.16 0.00	25.31 -0.18 0.01	24.25 -0.12 0.00	23.25 -0.16 0.00	23.16 -0.14 0.00	24.88 -0.15 0.01	26.04 -0.16 0.07	25.62 -0.18 0.06	27.08 -0.19 0.13	30.95 -0.09 0.29	35.04 -0.11 0.47	38.10 -0.12 0.34	36.99 -0.11 0.57	35.73 -0.11 0.25	30.60 -0.19 0.28	27.63 -0.14 0.09	23.59 -0.17 0.00
ONONDAGA___COGEN 23986	19.20 -0.13 -0.18	18.90 -0.17 -0.09	17.59 -0.14 0.00	17.22 -0.14 0.00	17.64 -0.12 0.00	20.73 -0.13 0.00	25.68 -0.03 0.00	27.13 -0.16 0.00	25.32 -0.18 0.00	24.25 -0.12 0.00	23.25 -0.16 0.00	23.16 -0.14 0.00	24.89 -0.15 0.00	26.11 -0.16 0.00	25.70 -0.16 0.00	27.21 -0.19 0.00	31.24 -0.09 0.00	35.48 -0.14 0.00	38.45 -0.12 0.00	37.56 -0.11 0.00	35.97 -0.11 0.00	30.89 -0.19 0.00	27.75 -0.11 0.00	23.61 -0.14 0.00
ONTARIO___LFGE 23819	18.68 -0.50 -0.02	18.46 -0.55 -0.02	17.26 -0.48 0.00	16.91 -0.45 0.00	17.34 -0.43 0.00	20.40 -0.46 0.00	25.40 -0.31 0.00	27.07 -0.22 0.00	25.27 -0.20 0.02	24.28 -0.10 0.00	23.25 -0.16 0.00	23.14 -0.16 0.00	24.84 -0.17 0.02	26.00 -0.13 0.13	25.64 -0.10 0.11	26.73 -0.41 0.26	30.50 -0.25 0.58	34.50 -0.18 0.95	35.84 -0.19 2.53	36.15 -0.38 1.14	33.67 -0.22 2.20	30.22 -0.28 0.57	27.60 -0.08 0.17	23.61 -0.14 0.00
ORANGEVILLE_WT_PWR 323706	17.80 -1.46 -0.10	17.53 -1.52 -0.06	16.42 -1.31 0.00	16.08 -1.28 0.00	16.49 -1.28 0.00	19.31 -1.54 0.00	24.04 -1.67 0.00	25.54 -1.75 0.00	23.99 -1.48 0.03	23.20 -1.17 0.00	22.25 -1.17 0.00	22.06 -1.24 0.00	23.58 -1.43 0.03	24.60 -1.50 0.17	24.36 -1.35 0.14	24.85 -2.22 0.33	28.34 -2.26 0.75	31.98 -2.42 1.22	33.07 -2.66 2.83	33.57 -2.64 1.46	31.22 -2.42 2.44	28.35 -1.99 0.73	26.38 -1.25 0.22	22.78 -0.97 0.00
ORANGEVILLE___ESR 323794	17.80 -1.46 -0.10	17.53 -1.52 -0.06	16.42 -1.31 0.00	16.08 -1.28 0.00	16.49 -1.28 0.00	19.31 -1.54 0.00	24.04 -1.67 0.00	25.54 -1.75 0.00	23.99 -1.48 0.03	23.20 -1.17 0.00	22.25 -1.17 0.00	22.06 -1.24 0.00	23.58 -1.43 0.03	24.60 -1.50 0.17	24.36 -1.35 0.14	24.85 -2.22 0.33	28.34 -2.26 0.75	31.98 -2.42 1.22	33.07 -2.66 2.83	33.57 -2.64 1.46	31.22 -2.42 2.44	28.35 -1.99 0.73	26.38 -1.25 0.22	22.78 -0.97 0.00
OSWEGATCHIE___HYD 24044	18.40 -0.80 -0.05	18.23 -0.78 -0.02	16.97 -0.76 0.00	16.61 -0.75 0.00	17.06 -0.71 0.00	20.15 -0.71 0.00	25.04 -0.67 0.00	26.61 -0.68 0.00	24.68 -0.82 0.00	23.47 -0.90 0.00	22.43 -0.98 0.00	22.20 -1.09 0.00	23.79 -1.25 0.00	24.98 -1.29 0.00	24.56 -1.29 0.00	26.14 -1.26 0.00	29.84 -1.50 0.00	34.06 -1.57 0.00	37.29 -1.27 0.00	36.58 -1.09 0.00	35.40 -0.69 0.00	30.39 -0.68 0.00	27.19 -0.67 0.00	23.18 -0.57 0.00
OSWEGO___5 23606	18.92 -0.36 -0.13	18.67 -0.38 -0.07	17.38 -0.35 0.00	17.01 -0.35 0.00	17.43 -0.34 0.00	20.46 -0.40 0.00	25.30 -0.41 0.00	26.69 -0.60 0.00	25.03 -0.59 -0.11	23.86 -0.51 0.00	22.90 -0.52 0.00	22.81 -0.49 0.00	24.60 -0.55 -0.11	26.35 -0.55 -0.64	25.85 -0.54 -0.54	28.02 -0.63 -1.25	33.49 -0.66 -2.81	39.51 -0.71 -4.59	43.70 -0.77 -5.91	42.43 -0.75 -5.51	40.16 -0.76 -4.84	33.14 -0.68 -2.75	28.11 -0.59 -0.84	23.23 -0.52 0.00

OSWEGO___6 23613	18.92 -0.36 -0.13	18.67 -0.38 -0.07	17.38 -0.35 0.00	17.01 -0.35 0.00	17.43 -0.34 0.00	20.46 -0.40 0.00	25.30 -0.41 0.00	26.69 -0.60 0.00	25.03 -0.59 -0.11	23.86 -0.51 0.00	22.90 -0.52 0.00	22.81 -0.49 0.00	24.60 -0.55 -0.11	26.35 -0.55 -0.64	25.85 -0.54 -0.54	28.02 -0.63 -1.25	33.49 -0.66 -2.81	39.51 -0.71 -4.59	43.70 -0.77 -5.91	42.43 -0.75 -5.51	40.16 -0.76 -4.84	33.14 -0.68 -2.75	28.11 -0.59 -0.84	23.23 -0.52 0.00
OUTOKUMPU-AB___DRP 24206	17.63 -1.65 -0.12	17.32 -1.73 -0.07	16.23 -1.51 0.00	15.94 -1.42 0.00	16.29 -1.47 0.00	19.08 -1.77 0.00	23.78 -1.93 0.00	25.24 -2.05 0.00	23.81 -1.66 0.03	23.06 -1.32 0.00	22.13 -1.29 0.00	21.99 -1.30 0.00	23.53 -1.48 0.03	24.17 -1.89 0.20	23.67 -2.02 0.17	24.60 -2.41 0.39	28.09 -2.38 0.87	31.46 -2.74 1.42	32.57 -3.24 2.75	32.80 -3.16 1.70	30.74 -2.99 2.35	27.80 -2.42 0.85	26.07 -1.53 0.26	22.57 -1.19 0.00
OXBOW___BTM 323836	17.36 -1.92 -0.12	17.08 -1.97 -0.07	16.09 -1.65 0.00	15.76 -1.60 0.00	16.05 -1.72 0.00	18.79 -2.06 0.00	23.42 -2.29 0.00	24.83 -2.46 0.00	23.43 -2.04 0.03	22.71 -1.66 0.00	21.80 -1.62 0.00	21.67 -1.63 0.00	23.20 -1.80 0.03	24.22 -1.84 0.20	23.98 -1.71 0.17	24.27 -2.74 0.39	27.58 -2.88 0.87	30.99 -3.21 1.43	32.23 -3.59 2.75	32.27 -3.69 1.71	30.27 -3.46 2.35	27.39 -2.83 0.86	25.76 -1.84 0.26	22.33 -1.42 0.00
OXBOW____ 24026	17.36 -1.92 -0.12	17.08 -1.97 -0.07	15.98 -1.76 0.00	15.75 -1.61 0.00	16.05 -1.72 0.00	18.79 -2.06 0.00	23.42 -2.29 0.00	24.83 -2.46 0.00	23.45 -2.01 0.03	22.72 -1.66 0.00	21.80 -1.62 0.00	21.67 -1.63 0.00	23.20 -1.80 0.03	23.83 -2.23 0.20	23.33 -2.35 0.17	24.24 -2.77 0.39	27.64 -2.82 0.87	30.95 -3.24 1.43	32.03 -3.78 2.75	32.26 -3.69 1.71	30.16 -3.57 2.35	27.33 -2.89 0.86	25.70 -1.89 0.26	22.33 -1.43 0.00
OXY_CHEM_DSASP 323612	17.11 -2.16 -0.12	16.83 -2.22 -0.07	15.75 -1.99 0.00	15.57 -1.79 0.00	15.81 -1.95 0.00	18.50 -2.36 0.00	23.06 -2.65 0.00	24.42 -2.87 0.00	23.07 -2.40 0.03	22.35 -2.02 0.00	21.45 -1.97 0.00	21.32 -1.98 0.00	22.83 -2.18 0.04	23.44 -2.63 0.20	22.94 -2.74 0.17	23.86 -3.15 0.39	27.17 -3.29 0.88	30.37 -3.81 1.44	31.41 -4.40 2.75	31.65 -4.29 1.73	29.58 -4.15 2.35	26.86 -3.36 0.86	25.31 -2.28 0.26	22.04 -1.71 0.00
OZONE_PARK_ESR 323760	22.28 1.09 -2.03	21.06 1.06 -1.01	18.69 0.96 0.00	18.28 0.92 0.00	18.66 0.89 0.00	21.86 1.00 0.00	26.89 1.18 0.00	28.95 1.66 0.00	27.28 1.73 -0.05	26.05 1.68 0.00	25.13 1.71 0.00	25.05 1.75 0.00	26.99 1.95 0.00	28.36 2.10 0.00	28.00 2.15 0.00	29.70 2.30 0.00	34.28 2.95 0.00	38.83 3.21 0.00	42.07 3.51 0.00	40.99 3.32 0.00	39.08 2.99 0.00	33.13 2.05 0.00	29.61 1.76 0.00	25.15 1.40 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	17.11 -2.16 -0.12	16.83 -2.22 -0.07	15.75 -1.99 0.00	15.57 -1.79 0.00	15.81 -1.95 0.00	18.50 -2.36 0.00	23.06 -2.65 0.00	24.42 -2.87 0.00	23.07 -2.40 0.03	22.35 -2.02 0.00	21.45 -1.97 0.00	21.32 -1.98 0.00	22.83 -2.18 0.04	23.44 -2.63 0.20	22.94 -2.74 0.17	23.86 -3.15 0.39	27.17 -3.29 0.88	30.37 -3.81 1.44	31.41 -4.40 2.75	31.65 -4.29 1.73	29.58 -4.15 2.35	26.86 -3.36 0.86	25.31 -2.28 0.26	22.04 -1.71 0.00
PACKARD___115KV_DUPONT_184 80571	17.11 -2.16 -0.12	16.83 -2.22 -0.07	15.75 -1.99 0.00	15.57 -1.79 0.00	15.81 -1.95 0.00	18.50 -2.36 0.00	23.06 -2.65 0.00	24.42 -2.87 0.00	23.07 -2.40 0.03	22.35 -2.02 0.00	21.45 -1.97 0.00	21.32 -1.98 0.00	22.83 -2.18 0.04	23.44 -2.63 0.20	22.94 -2.74 0.17	23.86 -3.15 0.39	27.17 -3.29 0.88	30.37 -3.81 1.44	31.41 -4.40 2.75	31.65 -4.29 1.73	29.58 -4.15 2.35	26.86 -3.36 0.86	25.31 -2.28 0.26	22.04 -1.71 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	22.28 1.09 -2.03	21.04 1.04 -1.01	18.64 0.90 0.00	18.24 0.89 0.00	18.59 0.82 0.00	21.73 0.88 0.00	26.58 0.87 0.00	28.63 1.34 0.00	27.03 1.48 -0.05	25.84 1.46 0.00	24.93 1.52 0.01	24.85 1.56 0.01	26.78 1.75 0.01	28.13 1.86 0.00	27.78 1.94 0.01	29.45 2.05 0.00	33.96 2.63 0.01	38.47 2.85 0.01	41.68 3.12 0.00	40.61 2.94 0.00	38.72 2.63 0.00	32.78 1.71 0.00	29.39 1.53 0.00	25.04 1.28 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	22.45 1.26 -2.03	21.21 1.22 -1.01	18.80 1.06 0.00	18.40 1.04 0.00	18.73 0.96 0.00	21.92 1.06 0.00	26.79 1.08 0.00	28.84 1.56 0.00	27.23 1.68 -0.05	26.03 1.66 0.00	25.09 1.69 0.01	25.01 1.72 0.01	26.96 1.93 0.01	28.31 2.05 0.00	27.97 2.12 0.01	29.64 2.25 0.00	34.18 2.85 0.01	38.72 3.10 0.01	41.95 3.39 0.00	40.87 3.20 0.00	38.97 2.89 0.00	33.03 1.96 0.00	29.61 1.76 0.00	25.23 1.47 0.00
PATROON___115KV_TB1 80586	22.49 0.75 -2.59	21.00 0.72 -1.29	18.43 0.69 0.00	18.04 0.68 0.00	18.43 0.66 0.00	21.50 0.65 0.00	26.30 0.59 0.00	28.08 0.79 0.00	26.44 0.87 -0.07	25.10 0.73 0.00	24.17 0.75 0.00	24.04 0.75 0.00	25.87 0.83 0.00	27.08 0.81 0.00	26.66 0.80 0.00	28.17 0.77 0.00	32.50 1.16 0.00	36.98 1.35 0.00	39.95 1.39 0.00	38.99 1.32 0.00	37.38 1.30 0.00	31.88 0.81 0.00	28.50 0.64 0.00	24.37 0.62 0.00
PATTRSNVILLE___SOLAR 323815	22.72 0.84 -2.72	21.18 0.83 -1.36	18.50 0.76 0.00	18.11 0.75 0.00	18.53 0.76 0.00	21.79 0.94 0.00	26.87 1.16 0.00	28.60 1.31 0.00	26.80 1.15 -0.15	25.30 0.93 0.00	24.28 0.87 0.00	24.14 0.84 0.00	26.07 1.03 0.00	27.32 1.05 0.00	26.91 1.06 0.00	28.63 1.23 0.00	32.97 1.63 0.00	37.80 2.17 0.00	40.87 2.31 0.00	39.93 2.26 0.00	38.32 2.24 0.00	32.66 1.58 0.00	29.22 1.36 0.00	24.96 1.21 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	17.78 -1.49 -0.12	17.52 -1.54 -0.07	16.40 -1.33 0.00	16.06 -1.30 0.00	16.49 -1.28 0.00	19.29 -1.56 0.00	24.04 -1.67 0.00	25.43 -1.86 0.00	23.91 -1.56 0.03	23.15 -1.22 0.00	22.22 -1.19 0.00	22.09 -1.21 0.00	23.58 -1.43 0.03	23.98 -2.10 0.19	23.53 -2.17 0.16	24.49 -2.55 0.36	28.02 -2.51 0.81	31.38 -2.92 1.33	32.41 -3.39 2.76	32.80 -3.28 1.59	31.05 -2.67 2.37	27.64 -2.64 0.80	25.78 -1.84 0.24	22.73 -1.02 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	22.20 1.00 -2.04	20.95 0.95 -1.02	18.60 0.87 0.00	18.19 0.83 0.00	18.57 0.80 0.00	21.75 0.90 0.00	26.76 1.05 0.00	28.76 1.47 0.00	27.10 1.56 -0.04	25.81 1.44 0.00	24.87 1.45 0.00	24.77 1.47 0.00	26.67 1.63 0.00	28.08 1.81 0.00	27.72 1.86 0.00	29.37 1.97 0.00	33.88 2.54 0.00	38.51 2.89 0.00	41.72 3.16 0.00	40.69 3.01 0.00	38.86 2.78 0.00	32.97 1.90 0.00	29.45 1.59 0.00	25.01 1.26 0.00
PEEKSKILL____ 23653	21.91 0.79 -1.97	20.73 0.76 -0.98	18.44 0.71 0.00	18.04 0.68 0.00	18.43 0.66 0.00	21.56 0.71 0.00	26.48 0.77 0.00	28.46 1.17 0.00	26.79 1.25 -0.04	25.52 1.15 0.00	24.61 1.19 0.00	24.53 1.23 0.00	26.42 1.38 0.00	27.73 1.47 0.00	27.35 1.50 0.00	29.07 1.67 0.00	33.44 2.10 0.00	38.05 2.42 0.00	41.15 2.58 0.00	40.20 2.52 0.00	38.28 2.20 0.00	32.54 1.46 0.00	29.08 1.22 0.00	24.73 0.97 0.00

PGE MADISON___WINDPWR 24146	21.17 1.05 -0.96	20.45 1.01 -0.46	18.66 0.92 0.00	18.21 0.85 0.00	18.73 0.96 0.00	22.11 1.25 0.00	27.77 2.06 0.00	29.66 2.37 0.00	27.35 1.86 0.01	26.05 1.68 0.00	24.77 1.36 0.00	24.67 1.37 0.00	26.48 1.45 0.01	27.84 1.63 0.05	27.52 1.71 0.04	29.19 1.89 0.10	33.46 2.35 0.23	38.35 3.10 0.37	43.72 3.67 -1.50	40.62 3.39 0.44	41.12 3.54 -1.50	33.43 2.58 0.22	30.02 2.23 0.07	25.56 1.80 0.00
PIERCEFIELD___HYD 23852	18.08 -1.07 0.00	18.02 -0.97 0.00	16.76 -0.98 0.00	16.44 -0.92 0.00	16.88 -0.89 0.00	19.92 -0.94 0.00	24.68 -1.03 0.00	26.17 -1.12 0.00	24.30 -1.20 0.00	23.13 -1.24 0.00	22.13 -1.29 0.00	21.90 -1.40 0.00	23.46 -1.58 0.00	24.64 -1.63 0.00	24.20 -1.65 0.00	25.75 -1.64 0.00	29.18 -2.16 0.00	33.38 -2.24 0.00	36.56 -2.01 0.00	35.86 -1.81 0.00	34.60 -1.48 0.00	29.86 -1.21 0.00	26.74 -1.11 0.00	22.87 -0.88 0.00
PINELAWN_CC_1 323563	22.76 1.38 -2.22	21.31 1.31 -1.01	18.94 1.21 0.00	18.45 1.09 0.00	18.91 1.14 0.00	22.11 1.25 0.00	27.07 1.36 0.00	29.20 1.91 0.00	27.46 1.91 -0.05	26.05 1.68 0.00	25.27 1.85 0.00	26.64 1.98 -1.36	27.17 2.13 0.00	29.56 2.28 -1.02	32.22 2.30 -4.07	34.50 2.52 -4.58	38.03 3.13 -3.56	46.32 3.74 -6.95	45.20 4.05 -2.59	44.48 3.84 -2.96	40.45 3.43 -0.94	36.39 2.45 -2.86	29.96 2.09 -0.01	25.42 1.66 0.00
PJM_GEN_HTP_PROXY 323702	22.12 0.94 -2.03	20.93 0.93 -1.01	18.57 0.83 0.00	18.16 0.80 0.00	18.55 0.78 0.00	21.71 0.86 0.00	26.69 0.98 0.00	28.73 1.45 0.00	27.08 1.53 -0.05	25.81 1.44 0.00	24.92 1.50 0.00	24.84 1.54 0.00	26.74 1.70 0.00	28.05 1.79 0.00	27.66 1.81 0.00	29.43 2.03 0.00	33.85 2.51 0.00	38.51 2.88 0.00	41.68 3.12 0.00	41.01 2.98 -0.37	38.32 2.60 0.37	32.85 1.77 0.00	29.36 1.50 0.00	24.94 1.19 0.00
PJM_GEN_KEystone 24065	19.94 -0.33 -1.10	19.20 -0.34 -0.56	17.47 -0.27 0.00	17.08 -0.28 0.00	17.47 -0.30 0.00	20.44 -0.42 0.00	25.15 -0.49 0.07	26.96 -0.33 0.00	24.69 -0.20 0.61	24.30 -0.07 0.00	23.37 -0.05 0.00	23.28 -0.02 0.00	25.00 -0.03 0.01	26.13 -0.05 0.08	25.86 0.08 0.07	27.05 -0.19 0.16	30.66 0.00 0.68	34.93 0.04 0.73	37.17 -0.08 1.31	37.23 -0.11 0.33	34.36 -0.22 1.51	29.15 -0.44 1.49	26.60 -0.22 1.03	23.59 -0.17 0.00
PJM_GEN_NEPTUNE_PROXY 323594	22.42 1.13 -2.13	21.08 1.08 -1.01	18.73 0.99 0.00	18.26 0.90 0.00	18.69 0.92 0.00	21.88 1.02 0.00	26.79 1.08 0.00	28.87 1.58 0.00	27.18 1.63 -0.05	25.84 1.46 0.00	25.01 1.59 0.00	25.73 1.70 -0.73	26.89 1.85 0.00	28.78 1.97 -0.55	30.03 1.99 -2.19	32.02 2.16 -2.46	35.95 2.70 -1.91	42.49 3.14 -3.73	43.31 3.35 -1.39	42.87 3.24 -1.96	39.11 2.89 -0.14	34.63 2.02 -1.54	29.59 1.73 -0.01	25.11 1.35 0.00
PJM_GEN_VFT_PROXY 323633	22.05 0.86 -2.03	20.85 0.86 -1.01	18.51 0.78 0.00	18.11 0.75 0.00	18.48 0.71 0.00	21.65 0.79 0.00	26.61 0.90 0.00	28.63 1.34 0.00	27.00 1.45 -0.05	25.74 1.36 0.00	24.85 1.43 0.00	24.77 1.47 0.00	26.67 1.63 0.00	28.00 1.73 0.00	27.59 1.73 0.00	29.34 1.95 0.00	29.06 2.35 4.63	36.17 2.71 2.16	40.89 2.89 0.56	40.83 2.79 -0.37	37.26 2.42 1.24	32.69 1.61 0.00	29.28 1.42 0.00	24.87 1.12 0.00
PLATSBURG_115KV_PMLD1 355749	18.35 -0.80 0.00	18.28 -0.70 0.00	17.02 -0.71 0.00	16.75 -0.61 0.00	17.25 -0.52 0.00	20.48 -0.38 0.00	25.14 -0.57 0.00	26.80 -0.49 0.00	25.02 -0.48 0.00	23.76 -0.61 0.00	22.64 -0.77 0.00	22.37 -0.93 0.00	23.89 -1.15 0.00	25.08 -1.18 0.00	24.56 -1.29 0.00	26.11 -1.29 0.00	29.93 -1.41 0.00	34.52 -1.10 0.00	38.68 0.12 0.00	37.90 0.23 0.00	36.59 0.51 0.00	31.57 0.50 0.00	28.19 0.33 0.00	24.11 0.36 0.00
PLEASANTVLY___LBMP 24000	22.11 0.82 -2.13	20.84 0.80 -1.06	18.48 0.74 0.00	18.07 0.71 0.00	18.46 0.69 0.00	21.61 0.75 0.00	26.53 0.82 0.00	28.49 1.20 0.00	26.81 1.25 -0.05	25.54 1.17 0.00	24.63 1.22 0.00	24.53 1.23 0.00	26.42 1.38 0.00	27.76 1.50 0.00	27.38 1.53 0.00	28.96 1.56 0.00	33.41 2.07 0.00	37.91 2.28 0.00	41.03 2.47 0.00	40.01 2.34 0.00	38.21 2.13 0.00	32.50 1.43 0.00	29.06 1.20 0.00	24.73 0.97 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	22.12 0.92 -2.04	20.90 0.89 -1.02	18.55 0.82 0.00	18.16 0.80 0.00	18.53 0.76 0.00	21.71 0.86 0.00	26.69 0.98 0.00	28.68 1.39 0.00	26.98 1.43 -0.05	25.74 1.36 0.00	24.82 1.41 0.00	24.74 1.44 0.00	26.64 1.60 0.00	28.00 1.73 0.00	27.64 1.78 0.00	29.29 1.89 0.00	33.78 2.44 0.00	38.30 2.67 0.00	41.45 2.89 0.00	40.42 2.75 0.00	38.57 2.49 0.00	32.75 1.68 0.00	29.28 1.42 0.00	24.89 1.14 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	22.12 0.92 -2.04	20.90 0.89 -1.02	18.55 0.82 0.00	18.16 0.80 0.00	18.53 0.76 0.00	21.71 0.86 0.00	26.69 0.98 0.00	28.68 1.39 0.00	26.98 1.43 -0.05	25.74 1.36 0.00	24.82 1.41 0.00	24.74 1.44 0.00	26.64 1.60 0.00	28.00 1.73 0.00	27.64 1.78 0.00	29.29 1.89 0.00	33.78 2.44 0.00	38.30 2.67 0.00	41.45 2.89 0.00	40.42 2.75 0.00	38.57 2.49 0.00	32.75 1.68 0.00	29.28 1.42 0.00	24.89 1.14 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.11 0.88 -2.07	20.87 0.85 -1.03	18.53 0.80 0.00	18.14 0.78 0.00	18.52 0.75 0.00	21.69 0.83 0.00	26.66 0.95 0.00	28.60 1.31 0.00	26.91 1.35 -0.06	25.59 1.22 0.00	24.68 1.26 0.00	24.58 1.28 0.00	26.47 1.43 0.00	27.81 1.55 0.00	27.46 1.60 0.00	29.07 1.67 0.00	33.53 2.19 0.00	38.08 2.46 0.00	41.26 2.70 0.00	40.27 2.60 0.00	38.46 2.38 0.00	32.69 1.62 0.00	29.17 1.31 0.00	24.85 1.09 0.00
POLETTI___ 23519	22.12 0.94 -2.03	20.93 0.93 -1.01	18.57 0.83 0.00	18.18 0.82 0.00	18.55 0.78 0.00	21.69 0.83 0.00	26.66 0.95 0.00	28.68 1.39 0.00	27.03 1.48 -0.05	25.81 1.44 0.00	24.92 1.50 0.00	24.84 1.54 0.00	26.74 1.70 0.00	28.10 1.84 0.00	27.74 1.89 0.00	29.43 2.03 0.00	33.91 2.57 0.00	38.44 2.81 0.00	41.61 3.05 0.00	40.53 2.86 0.00	38.64 2.56 0.00	32.78 1.71 0.00	29.33 1.48 0.00	24.94 1.19 0.00
POMONA___ESR 323819	21.85 0.79 -1.90	20.70 0.76 -0.95	18.44 0.71 0.00	18.04 0.68 0.00	18.43 0.66 0.00	21.56 0.71 0.00	26.48 0.77 0.00	28.43 1.15 0.00	26.74 1.20 -0.04	25.49 1.12 0.00	24.59 1.17 0.00	24.49 1.19 0.00	26.37 1.33 0.00	27.68 1.42 0.00	27.33 1.47 0.00	29.04 1.64 0.00	33.41 2.07 0.00	38.01 2.39 0.00	41.11 2.54 0.00	40.12 2.45 0.00	38.25 2.16 0.00	32.51 1.43 0.00	29.05 1.20 0.00	24.70 0.95 0.00
PORT_JEFF_3 23555	22.85 1.48 -2.22	21.40 1.40 -1.01	19.03 1.29 0.00	18.52 1.16 0.00	18.98 1.21 0.00	22.21 1.35 0.00	27.07 1.36 0.00	29.20 1.91 0.00	27.46 1.91 -0.05	26.03 1.66 0.00	25.29 1.87 0.00	26.66 2.00 -1.36	27.09 2.05 0.00	29.51 2.23 -1.02	32.17 2.25 -4.07	34.47 2.49 -4.58	38.00 3.10 -3.56	46.40 3.81 -6.96	45.28 4.13 -2.59	44.52 3.88 -2.96	40.45 3.43 -0.94	36.33 2.39 -2.86	29.90 2.03 -0.01	25.37 1.62 0.00

PORT_JEFF_4 23616	22.85 1.48 -2.22	21.40 1.40 -1.01	19.03 1.29 0.00	18.52 1.16 0.00	18.98 1.21 0.00	22.21 1.35 0.00	27.07 1.36 0.00	29.20 1.91 0.00	27.46 1.91 -0.05	26.03 1.66 0.00	25.29 1.87 0.00	26.66 2.00 -1.36	27.09 2.05 0.00	29.51 2.23 -1.02	32.17 2.25 -4.07	34.47 2.49 -4.58	38.00 3.10 -3.56	46.40 3.81 -6.96	45.28 4.13 -2.59	44.52 3.88 -2.96	40.45 3.43 -0.94	36.33 2.39 -2.86	29.90 2.03 -0.01	25.37 1.62 0.00
PORT_JEFF_IC 23713	22.85 1.48 -2.21	21.40 1.40 -1.01	19.03 1.29 0.00	18.52 1.16 0.00	18.98 1.21 0.00	22.25 1.40 0.00	27.07 1.36 0.00	29.17 1.88 0.00	27.46 1.91 -0.05	26.03 1.66 0.00	25.29 1.87 0.00	26.65 2.00 -1.35	27.12 2.08 0.00	29.56 2.28 -1.01	32.24 2.33 -4.06	34.49 2.52 -4.57	38.12 3.23 -3.55	46.35 3.78 -6.95	45.23 4.09 -2.58	44.51 3.88 -2.96	40.48 3.46 -0.93	36.32 2.39 -2.86	29.89 2.03 0.00	25.39 1.64 0.00
PPL_PILGRIM_ST_GT1 24216	22.91 1.53 -2.22	21.46 1.46 -1.01	19.10 1.37 0.00	18.57 1.21 0.00	19.05 1.28 0.00	22.25 1.40 0.00	27.20 1.49 0.00	29.34 2.05 0.00	27.59 2.04 -0.05	26.18 1.80 0.00	25.41 1.99 0.00	26.78 2.12 -1.36	27.27 2.23 0.00	29.67 2.39 -1.02	32.30 2.38 -4.07	34.58 2.60 -4.58	38.09 3.20 -3.56	46.50 3.92 -6.95	45.39 4.24 -2.59	44.63 3.99 -2.96	40.60 3.57 -0.94	36.49 2.55 -2.86	30.10 2.23 -0.01	25.51 1.76 0.00
PPL_PILGRIM_ST_GT2 24217	22.91 1.53 -2.22	21.46 1.46 -1.01	19.10 1.37 0.00	18.57 1.21 0.00	19.05 1.28 0.00	22.25 1.40 0.00	27.20 1.49 0.00	29.34 2.05 0.00	27.59 2.04 -0.05	26.18 1.80 0.00	25.41 1.99 0.00	26.78 2.12 -1.36	27.27 2.23 0.00	29.67 2.39 -1.02	32.30 2.38 -4.07	34.58 2.60 -4.58	38.09 3.20 -3.56	46.50 3.92 -6.95	45.39 4.24 -2.59	44.63 3.99 -2.96	40.60 3.57 -0.94	36.49 2.55 -2.86	30.10 2.23 -0.01	25.51 1.76 0.00
PPL_SHRM_GT3 24213	22.72 1.34 -2.22	21.25 1.25 -1.01	18.89 1.15 0.00	18.38 1.02 0.00	18.83 1.07 0.00	22.06 1.21 0.00	26.71 1.00 0.00	28.73 1.45 0.00	27.08 1.53 -0.05	25.62 1.24 0.00	24.89 1.48 0.00	26.26 1.61 -1.36	26.64 1.60 0.00	29.04 1.76 -1.02	31.73 1.81 -4.07	34.06 2.08 -4.58	37.56 2.66 -3.56	45.97 3.39 -6.96	44.82 3.67 -2.59	44.06 3.43 -2.96	40.02 2.99 -0.94	35.90 1.96 -2.86	29.42 1.56 -0.01	24.96 1.21 0.00
PPL_SHRM_GT4 24214	22.72 1.34 -2.22	21.25 1.25 -1.01	18.89 1.15 0.00	18.38 1.02 0.00	18.83 1.07 0.00	22.06 1.21 0.00	26.71 1.00 0.00	28.73 1.45 0.00	27.08 1.53 -0.05	25.62 1.24 0.00	24.89 1.48 0.00	26.26 1.61 -1.36	26.64 1.60 0.00	29.04 1.76 -1.02	31.73 1.81 -4.07	34.06 2.08 -4.58	37.56 2.66 -3.56	45.97 3.39 -6.96	44.82 3.67 -2.59	44.06 3.43 -2.96	40.02 2.99 -0.94	35.90 1.96 -2.86	29.42 1.56 -0.01	24.96 1.21 0.00
PROJECT___ORANGE 1 24174	19.13 -0.19 -0.16	18.84 -0.23 -0.08	17.54 -0.20 0.00	17.17 -0.19 0.00	17.57 -0.20 0.00	20.65 -0.21 0.00	25.58 -0.13 0.00	27.04 -0.25 0.00	25.23 -0.26 0.02	24.15 -0.22 0.00	23.18 -0.23 0.00	23.09 -0.21 0.00	24.80 -0.23 0.02	25.94 -0.24 0.09	25.52 -0.26 0.08	26.92 -0.30 0.18	30.72 -0.22 0.40	34.72 -0.25 0.66	37.45 -0.27 0.84	36.62 -0.26 0.79	35.10 -0.29 0.69	30.37 -0.31 0.39	27.49 -0.25 0.12	23.52 -0.24 0.00
PROJECT___ORANGE 2 24166	19.13 -0.19 -0.16	18.84 -0.23 -0.08	17.54 -0.20 0.00	17.17 -0.19 0.00	17.57 -0.20 0.00	20.65 -0.21 0.00	25.58 -0.13 0.00	27.04 -0.25 0.00	25.23 -0.26 0.02	24.15 -0.22 0.00	23.18 -0.23 0.00	23.09 -0.21 0.00	24.80 -0.23 0.02	25.94 -0.24 0.09	25.52 -0.26 0.08	26.92 -0.30 0.18	30.72 -0.22 0.40	34.72 -0.25 0.66	37.45 -0.27 0.84	36.62 -0.26 0.79	35.10 -0.29 0.69	30.37 -0.31 0.39	27.49 -0.25 0.12	23.52 -0.24 0.00
PUCKETT___SOLAR 323809	19.89 0.12 -0.62	19.39 0.10 -0.31	17.84 0.11 0.00	17.45 0.09 0.00	17.89 0.13 0.00	21.02 0.17 0.00	26.12 0.41 0.00	27.81 0.52 0.00	25.88 0.38 0.01	24.71 0.34 0.00	23.63 0.21 0.00	23.51 0.21 0.00	25.26 0.22 0.01	26.47 0.26 0.05	26.17 0.36 0.05	27.57 0.27 0.11	31.63 0.53 0.24	35.98 0.75 0.39	38.95 0.89 0.50	38.03 0.83 0.47	36.54 0.86 0.41	31.37 0.53 0.23	28.31 0.53 0.07	24.18 0.43 0.00
PYRITES___HYD 24023	18.49 -0.67 0.00	18.42 -0.57 0.00	17.13 -0.60 0.00	16.80 -0.56 0.00	17.24 -0.53 0.00	20.40 -0.46 0.00	25.32 -0.39 0.00	26.85 -0.44 0.00	24.92 -0.59 0.00	23.69 -0.68 0.00	22.64 -0.77 0.00	22.41 -0.89 0.00	23.99 -1.05 0.00	25.19 -1.08 0.00	24.74 -1.11 0.00	26.33 -1.07 0.00	29.77 -1.57 0.00	34.09 -1.53 0.00	37.33 -1.23 0.00	36.62 -1.05 0.00	35.40 -0.69 0.00	30.52 -0.56 0.00	27.30 -0.56 0.00	23.33 -0.43 0.00
QUAKERRD_115KV_BK1 80622	18.13 -1.13 -0.11	17.85 -1.20 -0.06	16.67 -1.06 0.00	16.34 -1.02 0.00	16.72 -1.05 0.00	19.69 -1.17 0.00	24.40 -1.31 0.00	25.98 -1.31 0.00	24.27 -1.20 0.04	23.40 -0.97 0.00	22.43 -0.98 0.00	22.32 -0.98 0.00	23.98 -1.03 0.04	24.89 -1.16 0.22	24.43 -1.24 0.18	25.55 -1.42 0.42	29.01 -1.38 0.95	32.58 -1.50 1.55	34.22 -1.77 2.57	34.16 -1.66 1.86	32.16 -1.77 2.16	28.72 -1.43 0.93	26.49 -1.09 0.28	22.71 -1.05 0.00
QUEENSBRY_115KV_TB8 356137	23.10 1.30 -2.65	21.60 1.29 -1.32	18.90 1.17 0.00	18.49 1.13 0.00	18.94 1.17 0.00	22.36 1.50 0.00	27.61 1.90 0.00	29.44 2.16 0.00	27.96 2.12 -0.34	26.25 1.88 0.00	25.01 1.59 0.00	24.81 1.51 0.00	26.74 1.70 0.00	27.92 1.65 0.00	27.48 1.63 0.00	29.18 1.78 0.00	33.72 2.38 0.00	38.65 3.03 0.00	41.99 3.43 0.00	41.02 3.35 0.00	39.62 3.54 0.00	33.69 2.61 0.00	30.09 2.23 0.00	25.63 1.88 0.00
RAMAPO___LBMP 323565	21.76 0.71 -1.89	20.61 0.68 -0.94	18.39 0.66 0.00	17.98 0.62 0.00	18.37 0.60 0.00	21.50 0.65 0.00	26.38 0.67 0.00	28.35 1.06 0.00	26.64 1.10 -0.04	25.40 1.02 0.00	24.49 1.08 0.00	24.42 1.12 0.00	26.29 1.25 0.00	27.63 1.37 0.00	27.30 1.45 0.00	28.93 1.53 0.00	33.38 2.04 0.00	37.83 2.21 0.00	40.91 2.35 0.00	39.93 2.26 0.00	38.07 1.98 0.00	32.35 1.27 0.00	28.94 1.09 0.00	24.61 0.86 0.00
RANKINE____ 23646	17.78 -1.49 -0.12	17.50 -1.56 -0.07	16.39 -1.35 0.00	16.06 -1.30 0.00	16.45 -1.31 0.00	19.27 -1.58 0.00	24.01 -1.70 0.00	25.46 -1.83 0.00	23.99 -1.48 0.03	23.20 -1.17 0.00	22.29 -1.12 0.00	22.13 -1.16 0.00	23.68 -1.33 0.03	24.24 -1.84 0.19	23.76 -1.94 0.16	24.73 -2.30 0.37	28.29 -2.23 0.83	31.71 -2.57 1.36	32.71 -3.08 2.77	33.15 -2.90 1.63	31.04 -2.67 2.37	28.00 -2.27 0.81	26.13 -1.48 0.25	22.73 -1.02 0.00
RAVENSWOOD_GT2_1 24244	22.16 0.98 -2.03	20.95 0.95 -1.01	18.60 0.87 0.00	18.19 0.83 0.00	18.57 0.80 0.00	21.73 0.88 0.00	26.71 1.00 0.00	28.74 1.45 0.00	27.08 1.53 -0.05	25.86 1.49 0.00	24.96 1.55 0.00	24.88 1.58 0.00	26.79 1.75 0.00	28.15 1.89 0.00	27.79 1.94 0.00	29.48 2.08 0.00	33.97 2.63 0.00	38.51 2.89 0.00	41.68 3.12 0.00	40.61 2.94 0.00	38.72 2.63 0.00	32.88 1.80 0.00	29.39 1.53 0.00	24.99 1.24 0.00

RAVENSWOOD_GT2_2 24245	22.16 0.98 -2.03	20.95 0.95 -1.01	18.60 0.87 0.00	18.19 0.83 0.00	18.57 0.80 0.00	21.73 0.88 0.00	26.71 1.00 0.00	28.74 1.45 0.00	27.08 1.53 -0.05	25.86 1.49 0.00	24.96 1.55 0.00	24.88 1.58 0.00	26.79 1.75 0.00	28.15 1.89 0.00	27.79 1.94 0.00	29.48 2.08 0.00	33.97 2.63 0.00	38.51 2.89 0.00	41.68 3.12 0.00	40.61 2.94 0.00	38.72 2.63 0.00	32.88 1.80 0.00	29.39 1.53 0.00	24.99 1.24 0.00
RAVENSWOOD_GT2_3 24246	22.16 0.98 -2.03	20.95 0.95 -1.01	18.60 0.87 0.00	18.19 0.83 0.00	18.57 0.80 0.00	21.75 0.90 0.00	26.71 1.00 0.00	28.76 1.47 0.00	27.10 1.56 -0.05	25.86 1.49 0.00	24.96 1.55 0.00	24.88 1.58 0.00	26.82 1.78 0.00	28.15 1.89 0.00	27.82 1.96 0.00	29.48 2.08 0.00	34.00 2.66 0.00	38.51 2.89 0.00	41.72 3.16 0.00	40.65 2.98 0.00	38.75 2.67 0.00	32.88 1.80 0.00	29.42 1.56 0.00	24.99 1.24 0.00
RAVENSWOOD_GT2_4 24247	22.16 0.98 -2.03	20.95 0.95 -1.01	18.60 0.87 0.00	18.19 0.83 0.00	18.57 0.80 0.00	21.75 0.90 0.00	26.71 1.00 0.00	28.76 1.47 0.00	27.10 1.56 -0.05	25.86 1.49 0.00	24.96 1.55 0.00	24.88 1.58 0.00	26.82 1.78 0.00	28.15 1.89 0.00	27.82 1.96 0.00	29.48 2.08 0.00	34.00 2.66 0.00	38.51 2.89 0.00	41.72 3.16 0.00	40.65 2.98 0.00	38.75 2.67 0.00	32.88 1.80 0.00	29.42 1.56 0.00	24.99 1.24 0.00
RAVENSWOOD_GT3_1 24248	22.16 0.98 -2.03	20.95 0.95 -1.01	18.60 0.87 0.00	18.19 0.83 0.00	18.57 0.80 0.00	21.73 0.88 0.00	26.71 1.00 0.00	28.74 1.45 0.00	27.10 1.56 -0.05	25.86 1.49 0.00	24.96 1.55 0.00	24.88 1.58 0.00	26.79 1.75 0.00	28.15 1.89 0.00	27.79 1.94 0.00	29.48 2.08 0.00	34.00 2.66 0.00	38.51 2.89 0.00	41.68 3.12 0.00	40.65 2.98 0.00	38.75 2.67 0.00	32.88 1.80 0.00	29.39 1.53 0.00	24.99 1.24 0.00
RAVENSWOOD_GT3_2 24249	22.16 0.98 -2.03	20.95 0.95 -1.01	18.60 0.87 0.00	18.19 0.83 0.00	18.57 0.80 0.00	21.73 0.88 0.00	26.71 1.00 0.00	28.74 1.45 0.00	27.10 1.56 -0.05	25.86 1.49 0.00	24.96 1.55 0.00	24.88 1.58 0.00	26.79 1.75 0.00	28.15 1.89 0.00	27.79 1.94 0.00	29.48 2.08 0.00	34.00 2.66 0.00	38.51 2.89 0.00	41.68 3.12 0.00	40.65 2.98 0.00	38.75 2.67 0.00	32.88 1.80 0.00	29.39 1.53 0.00	24.99 1.24 0.00
RAVENSWOOD_GT3_3 24250	22.18 1.00 -2.03	20.97 0.97 -1.01	18.62 0.89 0.00	18.21 0.85 0.00	18.59 0.82 0.00	21.75 0.90 0.00	26.74 1.03 0.00	28.79 1.50 0.00	27.13 1.58 -0.05	25.88 1.51 0.00	24.99 1.57 0.00	24.91 1.61 0.00	26.84 1.80 0.00	28.18 1.92 0.00	27.84 1.99 0.00	29.51 2.11 0.00	34.03 2.70 0.00	38.58 2.96 0.00	41.76 3.20 0.00	40.69 3.01 0.00	38.79 2.71 0.00	32.91 1.83 0.00	29.45 1.59 0.00	25.01 1.26 0.00
RAVENSWOOD_GT3_4 24251	22.18 1.00 -2.03	20.97 0.97 -1.01	18.62 0.89 0.00	18.21 0.85 0.00	18.59 0.82 0.00	21.75 0.90 0.00	26.74 1.03 0.00	28.79 1.50 0.00	27.13 1.58 -0.05	25.88 1.51 0.00	24.99 1.57 0.00	24.91 1.61 0.00	26.84 1.80 0.00	28.18 1.92 0.00	27.84 1.99 0.00	29.51 2.11 0.00	34.03 2.70 0.00	38.58 2.96 0.00	41.76 3.20 0.00	40.69 3.01 0.00	38.79 2.71 0.00	32.91 1.83 0.00	29.45 1.59 0.00	25.01 1.26 0.00
RAVENSWOOD_GT_1 23729	22.24 1.05 -2.03	21.00 1.01 -1.01	18.64 0.90 0.00	18.24 0.89 0.00	18.60 0.84 0.00	21.77 0.92 0.00	26.74 1.03 0.00	28.79 1.50 0.00	27.16 1.61 -0.05	26.72 1.61 -0.74	27.32 1.66 -2.24	27.47 1.70 -2.47	28.91 1.88 -1.99	29.96 2.02 -1.68	31.79 2.07 -3.86	30.98 2.22 -1.37	39.88 2.79 -5.75	41.00 3.06 -2.31	41.89 3.32 -0.01	40.84 3.13 -0.04	39.52 2.81 -0.62	34.36 1.90 -1.38	30.88 1.64 -1.38	25.06 1.31 0.00
RAVENSWOOD_GT_10 24258	22.16 0.98 -2.03	20.95 0.95 -1.01	18.60 0.87 0.00	18.19 0.83 0.00	18.57 0.80 0.00	21.73 0.88 0.00	26.71 1.00 0.00	28.74 1.45 0.00	27.08 1.53 -0.05	25.86 1.49 0.00	24.93 1.55 0.03	24.83 1.58 0.05	26.77 1.75 0.02	28.15 1.89 0.00	27.66 1.94 0.14	29.48 2.08 0.00	33.68 2.63 0.29	38.40 2.89 0.12	41.68 3.12 0.00	40.61 2.94 0.00	38.72 2.63 0.00	32.88 1.80 0.00	29.39 1.53 0.00	24.99 1.24 0.00
RAVENSWOOD_GT_11 24259	22.16 0.98 -2.03	20.95 0.95 -1.01	18.60 0.87 0.00	18.19 0.83 0.00	18.57 0.80 0.00	21.73 0.88 0.00	26.71 1.00 0.00	28.74 1.45 0.00	27.08 1.53 -0.05	25.86 1.49 0.00	24.93 1.55 0.03	24.83 1.58 0.05	26.77 1.75 0.02	28.15 1.89 0.00	27.66 1.94 0.14	29.48 2.08 0.00	33.68 2.63 0.29	38.40 2.89 0.12	41.68 3.12 0.00	40.61 2.94 0.00	38.72 2.63 0.00	32.88 1.80 0.00	29.39 1.53 0.00	24.99 1.24 0.00
RAVENSWOOD_GT_4 24252	22.14 0.96 -2.03	20.95 0.95 -1.01	18.59 0.85 0.00	18.18 0.82 0.00	18.57 0.80 0.00	21.73 0.88 0.00	26.71 1.00 0.00	28.76 1.47 0.00	27.08 1.53 -0.05	26.40 1.46 -0.56	26.16 1.52 -1.23	25.99 1.56 -1.13	27.92 1.73 -1.15	29.41 1.86 -1.28	28.66 1.91 -0.89	30.49 2.05 -1.04	33.98 2.63 -0.01	38.48 2.85 -0.01	41.69 3.12 -0.01	40.64 2.94 -0.03	39.19 2.63 -0.48	33.90 1.77 -1.05	30.44 1.53 -1.05	24.99 1.24 0.00
RAVENSWOOD_GT_5 24254	22.14 0.96 -2.03	20.95 0.95 -1.01	18.59 0.85 0.00	18.18 0.82 0.00	18.57 0.80 0.00	21.73 0.88 0.00	26.71 1.00 0.00	28.76 1.47 0.00	27.08 1.53 -0.05	26.40 1.46 -0.56	26.16 1.52 -1.23	25.99 1.56 -1.13	27.92 1.73 -1.15	29.41 1.86 -1.28	28.66 1.91 -0.89	30.49 2.05 -1.04	33.98 2.63 -0.01	38.48 2.85 -0.01	41.69 3.12 -0.01	40.64 2.94 -0.03	39.19 2.63 -0.48	33.90 1.77 -1.05	30.44 1.53 -1.05	24.99 1.24 0.00
RAVENSWOOD_GT_6 24253	22.14 0.96 -2.03	20.95 0.95 -1.01	18.59 0.85 0.00	18.18 0.82 0.00	18.57 0.80 0.00	21.73 0.88 0.00	26.71 1.00 0.00	28.76 1.47 0.00	27.08 1.53 -0.05	26.40 1.46 -0.56	26.16 1.52 -1.23	25.99 1.56 -1.13	27.92 1.73 -1.15	29.41 1.86 -1.28	28.66 1.91 -0.89	30.49 2.05 -1.04	33.98 2.63 -0.01	38.48 2.85 -0.01	41.69 3.12 -0.01	40.64 2.94 -0.03	39.19 2.63 -0.48	33.90 1.77 -1.05	30.44 1.53 -1.05	24.99 1.24 0.00
RAVENSWOOD_GT_7 24255	22.14 0.96 -2.03	20.95 0.95 -1.01	18.59 0.85 0.00	18.18 0.82 0.00	18.57 0.80 0.00	21.73 0.88 0.00	26.71 1.00 0.00	28.76 1.47 0.00	27.08 1.53 -0.05	26.40 1.46 -0.56	26.16 1.52 -1.23	25.99 1.56 -1.13	27.92 1.73 -1.15	29.41 1.86 -1.28	28.66 1.91 -0.89	30.49 2.05 -1.04	33.98 2.63 -0.01	38.48 2.85 -0.01	41.69 3.12 -0.01	40.64 2.94 -0.03	39.19 2.63 -0.48	33.90 1.77 -1.05	30.44 1.53 -1.05	24.99 1.24 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.16 0.98 -2.03	20.95 0.95 -1.01	18.60 0.87 0.00	18.19 0.83 0.00	18.57 0.80 0.00	21.73 0.88 0.00	26.71 1.00 0.00	28.74 1.45 0.00	27.08 1.53 -0.05	25.86 1.49 0.00	24.93 1.55 0.03	24.83 1.58 0.05	26.77 1.75 0.02	28.15 1.89 0.00	27.66 1.94 0.14	29.48 2.08 0.00	33.68 2.63 0.29	38.40 2.89 0.12	41.68 3.12 0.00	40.61 2.94 0.00	38.72 2.63 0.00	32.88 1.80 0.00	29.39 1.53 0.00	24.99 1.24 0.00

RAVENSWOOD_GT_9 24257	22.16 0.98 -2.03	20.95 0.95 -1.01	18.60 0.87 0.00	18.19 0.83 0.00	18.57 0.80 0.00	21.73 0.88 0.00	26.71 1.00 0.00	28.74 1.45 0.00	27.08 1.53 -0.05	25.86 1.49 0.00	24.93 1.55 0.03	24.83 1.58 0.05	26.77 1.75 0.02	28.15 1.89 0.00	27.66 1.94 0.14	29.48 2.08 0.00	33.68 2.63 0.29	38.40 2.89 0.12	41.68 3.12 0.00	40.61 2.94 0.00	38.72 2.63 0.00	32.88 1.80 0.00	29.39 1.53 0.00	24.99 1.24 0.00
RAVENSWOOD___1 23533	22.22 1.03 -2.03	21.00 1.01 -1.01	18.64 0.90 0.00	18.23 0.87 0.00	18.59 0.82 0.00	21.75 0.90 0.00	26.71 1.00 0.00	28.76 1.47 0.00	27.16 1.61 -0.05	25.96 1.58 0.00	25.37 1.64 -0.31	25.47 1.68 -0.49	27.13 1.85 -0.24	28.21 1.94 0.00	29.16 1.96 -1.34	29.59 2.19 0.00	36.89 2.70 -2.85	39.83 3.06 -1.14	41.88 3.32 0.00	40.84 3.16 0.00	38.90 2.82 0.00	32.97 1.90 0.00	29.50 1.64 0.00	25.03 1.28 0.00
RAVENSWOOD___2 23534	22.22 1.03 -2.03	20.98 0.99 -1.01	18.62 0.89 0.00	18.21 0.85 0.00	18.59 0.82 0.00	21.75 0.90 0.00	26.71 1.00 0.00	28.76 1.47 0.00	27.16 1.61 -0.05	25.96 1.58 0.00	25.37 1.64 -0.31	25.47 1.68 -0.49	27.13 1.85 -0.24	28.21 1.94 0.00	29.15 1.96 -1.33	29.56 2.16 0.00	36.85 2.66 -2.84	39.83 3.06 -1.14	41.84 3.28 0.00	40.84 3.16 0.00	38.86 2.78 0.00	32.97 1.90 0.00	29.47 1.62 0.00	25.03 1.28 0.00
RAVENSWOOD___3 23535	22.16 0.98 -2.03	20.95 0.95 -1.01	18.60 0.87 0.00	18.19 0.83 0.00	18.57 0.80 0.00	21.73 0.88 0.00	26.71 1.00 0.00	28.76 1.47 0.00	27.10 1.56 -0.05	25.86 1.49 0.00	24.96 1.55 0.00	24.88 1.59 0.00	26.79 1.75 0.00	28.10 1.84 0.00	27.72 1.86 0.00	29.45 2.06 0.00	33.91 2.57 0.00	38.55 2.92 0.00	41.72 3.16 0.00	40.72 3.05 0.00	38.75 2.67 0.00	32.91 1.83 0.00	29.42 1.56 0.00	24.99 1.23 0.00
RAVENSWOOD___4 23820	22.20 1.01 -2.03	20.98 0.99 -1.01	18.62 0.89 0.00	18.21 0.85 0.00	18.59 0.82 0.00	21.75 0.90 0.00	26.69 0.98 0.00	28.73 1.45 0.00	27.15 1.61 -0.04	25.23 1.58 0.73	23.47 1.64 1.59	23.52 1.68 1.46	25.40 1.85 1.49	26.55 1.94 1.65	26.66 1.96 1.16	28.22 2.16 1.34	33.99 2.66 0.01	38.68 3.06 0.01	41.83 3.28 0.01	40.80 3.16 0.04	38.25 2.78 0.62	31.61 1.90 1.36	28.11 1.62 1.36	25.01 1.26 0.00
RCPL_TRUST___DRP 24196	22.16 0.98 -2.03	20.95 0.95 -1.01	18.60 0.87 0.00	18.19 0.83 0.00	18.57 0.80 0.00	21.75 0.90 0.00	26.74 1.03 0.00	28.79 1.50 0.00	27.10 1.56 -0.05	25.86 1.49 0.00	24.94 1.52 0.00	24.86 1.56 0.00	26.79 1.75 0.00	28.15 1.89 0.00	27.79 1.94 0.00	29.48 2.08 0.00	34.00 2.66 0.00	38.51 2.89 0.00	41.72 3.16 0.00	40.61 2.94 0.00	38.72 2.63 0.00	32.85 1.77 0.00	29.39 1.53 0.00	24.99 1.24 0.00
RED___ROCHESTER 323720	18.42 -0.84 -0.11	18.14 -0.91 -0.06	16.92 -0.82 0.00	16.61 -0.75 0.00	16.99 -0.78 0.00	20.00 -0.86 0.00	24.84 -0.87 0.00	26.58 -0.71 0.00	24.85 -0.61 0.04	24.03 -0.34 0.00	23.04 -0.38 0.00	22.93 -0.37 0.00	24.60 -0.40 0.04	25.75 -0.29 0.22	25.33 -0.34 0.19	26.14 -0.82 0.44	29.70 -0.66 0.98	33.45 -0.57 1.60	35.17 -0.73 2.66	34.99 -0.75 1.92	32.92 -0.90 2.26	29.46 -0.65 0.96	27.23 -0.33 0.29	23.25 -0.50 0.00
REGAN___SOLAR 323812	23.43 1.42 -2.86	21.82 1.40 -1.43	19.01 1.28 0.00	18.59 1.23 0.00	19.08 1.31 0.00	22.54 1.69 0.00	27.87 2.16 0.00	29.50 2.21 0.00	27.53 1.89 -0.14	25.93 1.56 0.00	24.85 1.43 0.00	24.63 1.33 0.00	26.67 1.63 0.00	27.97 1.71 0.00	27.56 1.71 0.00	29.43 2.03 0.00	34.03 2.70 0.00	39.26 3.64 0.00	42.42 3.86 0.00	41.44 3.77 0.00	39.87 3.79 0.00	33.90 2.83 0.00	30.31 2.45 0.00	25.82 2.07 0.00
RENSSELAER___COGEN 23796	22.39 0.67 -2.56	20.93 0.66 -1.28	18.37 0.64 0.00	17.97 0.61 0.00	18.35 0.59 0.00	21.42 0.56 0.00	26.17 0.46 0.00	27.97 0.68 0.00	25.26 0.76 1.01	25.01 0.63 0.00	24.07 0.65 0.00	23.95 0.65 0.00	25.77 0.73 0.00	26.92 0.66 0.00	26.47 0.62 0.00	28.08 0.69 0.00	32.25 0.91 0.00	36.80 1.17 0.00	39.76 1.20 0.00	38.84 1.17 0.00	37.16 1.08 0.00	31.73 0.65 0.00	28.39 0.53 0.00	24.27 0.52 0.00
REPUBLIC_115KV_BARTNBRK 55605	23.75 1.95 -2.64	22.24 1.94 -1.32	19.49 1.76 0.00	19.04 1.68 0.00	19.55 1.78 0.00	23.17 2.31 0.00	28.72 3.01 0.00	30.59 3.30 0.00	29.01 3.16 -0.35	27.22 2.85 0.00	25.95 2.53 0.00	25.65 2.35 0.00	27.67 2.63 0.00	28.92 2.65 0.00	28.47 2.61 0.00	30.27 2.88 0.00	35.07 3.73 0.00	40.44 4.81 0.00	43.81 5.24 0.00	42.80 5.12 0.00	41.42 5.34 0.00	35.12 4.04 0.00	31.31 3.45 0.00	26.67 2.92 0.00
REVERE_CPFR_DRP 24186	19.67 0.42 -0.09	19.43 0.40 -0.04	18.09 0.35 0.00	17.69 0.33 0.00	18.14 0.37 0.00	21.38 0.52 0.00	26.58 0.87 0.00	28.24 0.96 0.00	26.26 0.77 0.01	25.03 0.66 0.00	23.93 0.52 0.00	23.81 0.51 0.00	25.56 0.53 0.01	26.80 0.58 0.04	26.39 0.57 0.03	28.01 0.68 0.07	32.06 0.88 0.16	36.47 1.10 0.26	39.62 1.39 0.33	38.72 1.36 0.31	37.36 1.55 0.27	31.98 1.06 0.16	28.67 0.86 0.05	24.47 0.71 0.00
REYNOLDS_115KV_TB3 80639	22.47 0.75 -2.56	21.00 0.74 -1.28	18.43 0.69 0.00	18.04 0.68 0.00	18.43 0.66 0.00	21.54 0.69 0.00	26.38 0.67 0.00	28.22 0.93 0.00	27.43 1.05 -0.88	25.27 0.90 0.00	24.33 0.91 0.00	24.21 0.91 0.00	26.04 1.00 0.00	27.26 1.00 0.00	26.81 0.96 0.00	28.27 0.88 0.00	32.66 1.32 0.00	37.12 1.50 0.00	40.10 1.54 0.00	39.18 1.51 0.00	37.49 1.41 0.00	32.01 0.93 0.00	28.61 0.75 0.00	24.49 0.74 0.00
RIVERBAY____ 323610	22.45 1.26 -2.03	21.21 1.22 -1.01	18.80 1.06 0.00	18.40 1.04 0.00	18.73 0.96 0.00	21.92 1.06 0.00	26.79 1.08 0.00	28.84 1.56 0.00	27.23 1.68 -0.05	26.03 1.66 0.00	25.09 1.69 0.01	25.01 1.72 0.01	26.96 1.93 0.01	28.31 2.05 0.00	27.97 2.12 0.01	29.64 2.25 0.00	34.18 2.85 0.01	38.72 3.10 0.01	41.95 3.39 0.00	40.87 3.20 0.00	38.97 2.89 0.00	33.03 1.96 0.00	29.61 1.76 0.00	25.23 1.47 0.00
RIVERSDE_115KV_TB3 55908	22.45 0.73 -2.57	20.99 0.72 -1.28	18.43 0.69 0.00	18.02 0.66 0.00	18.41 0.64 0.00	21.50 0.65 0.00	26.30 0.59 0.00	28.08 0.79 0.00	26.50 0.87 -0.13	25.10 0.73 0.00	24.17 0.75 0.00	24.04 0.75 0.00	25.87 0.83 0.00	27.08 0.81 0.00	26.63 0.78 0.00	28.14 0.74 0.00	32.47 1.13 0.00	36.94 1.32 0.00	39.91 1.35 0.00	38.95 1.28 0.00	37.31 1.23 0.00	31.85 0.78 0.00	28.47 0.61 0.00	24.35 0.59 0.00
ROARING___BROOK_WT_PWR 323790	18.52 -0.63 0.00	18.40 -0.59 0.00	17.17 -0.57 0.00	16.84 -0.52 0.00	17.25 -0.52 0.00	20.31 -0.54 0.00	25.04 -0.67 0.00	26.47 -0.82 0.00	24.74 -0.76 0.00	23.69 -0.68 0.00	22.71 -0.70 0.00	22.53 -0.77 0.00	24.14 -0.90 0.00	25.32 -0.94 0.00	24.87 -0.98 0.00	26.44 -0.96 0.00	30.21 -1.13 0.00	34.41 -1.21 0.00	37.44 -1.12 0.00	36.66 -1.02 0.00	35.18 -0.90 0.00	30.42 -0.65 0.00	27.30 -0.56 0.00	23.33 -0.43 0.00

ROCHESRG_115KV_T4 355643	18.29 -0.98 -0.11	18.02 -1.03 -0.06	16.81 -0.92 0.00	16.49 -0.87 0.00	16.88 -0.89 0.00	19.85 -1.00 0.00	24.63 -1.08 0.00	26.14 -1.15 0.00	24.49 -0.97 0.04	23.64 -0.73 0.00	22.69 -0.73 0.00	22.55 -0.75 0.00	24.20 -0.80 0.04	25.09 -0.95 0.23	24.60 -1.06 0.19	25.69 -1.26 0.44	29.21 -1.13 1.00	32.78 -1.21 1.63	34.33 -1.54 2.69	34.28 -1.43 1.96	32.18 -1.62 2.28	28.89 -1.21 0.98	26.78 -0.78 0.30	22.95 -0.81 0.00
ROCHESTER_9_IC 23652	18.37 -0.90 -0.11	18.08 -0.97 -0.06	16.88 -0.85 0.00	16.56 -0.80 0.00	16.95 -0.82 0.00	19.94 -0.92 0.00	24.76 -0.95 0.00	26.52 -0.76 0.00	24.80 -0.66 0.04	23.96 -0.41 0.00	23.00 -0.42 0.00	22.86 -0.44 0.00	24.55 -0.45 0.04	25.49 -0.55 0.22	24.94 -0.72 0.19	26.06 -0.90 0.44	29.67 -0.69 0.98	33.31 -0.71 1.60	34.98 -0.93 2.66	34.84 -0.90 1.92	32.74 -1.08 2.26	29.34 -0.78 0.96	27.12 -0.45 0.29	23.21 -0.55 0.00
ROCKVIEW_13_KV_LD 356306	22.16 0.98 -2.03	20.95 0.95 -1.01	18.60 0.87 0.00	18.19 0.83 0.00	18.59 0.82 0.00	21.77 0.92 0.00	26.76 1.05 0.00	28.76 1.47 0.00	27.08 1.53 -0.05	25.84 1.46 0.00	24.92 1.50 0.00	24.86 1.56 0.00	26.77 1.73 0.00	28.15 1.89 0.00	27.79 1.94 0.00	29.45 2.05 0.00	33.97 2.63 0.00	38.51 2.89 0.00	41.72 3.16 0.00	40.65 2.98 0.00	38.79 2.71 0.00	32.91 1.83 0.00	29.42 1.56 0.00	25.01 1.26 0.00
ROME____115KV_TB2 80656	19.67 0.42 -0.09	19.43 0.40 -0.04	18.09 0.35 0.00	17.69 0.33 0.00	18.14 0.37 0.00	21.38 0.52 0.00	26.58 0.87 0.00	28.24 0.96 0.00	26.26 0.77 0.01	25.03 0.66 0.00	23.93 0.52 0.00	23.81 0.51 0.00	25.56 0.53 0.01	26.80 0.58 0.04	26.39 0.57 0.03	28.01 0.68 0.07	32.06 0.88 0.16	36.47 1.10 0.26	39.62 1.39 0.33	38.72 1.36 0.31	37.36 1.55 0.27	31.98 1.06 0.16	28.67 0.86 0.05	24.47 0.71 0.00
ROSETON___1 23587	21.93 0.77 -2.01	20.73 0.74 -1.00	18.43 0.69 0.00	18.02 0.66 0.00	18.41 0.64 0.00	21.56 0.71 0.00	26.48 0.77 0.00	28.43 1.15 0.00	26.74 1.20 -0.04	25.47 1.10 0.00	24.56 1.15 0.00	24.46 1.16 0.00	26.34 1.30 0.00	27.63 1.36 0.00	27.22 1.37 0.00	28.90 1.51 0.00	33.25 1.91 0.00	37.84 2.21 0.00	40.95 2.39 0.00	39.97 2.30 0.00	38.14 2.06 0.00	32.44 1.37 0.00	29.00 1.14 0.00	24.68 0.93 0.00
ROSETON___2 23588	21.93 0.77 -2.01	20.73 0.74 -1.00	18.43 0.69 0.00	18.02 0.66 0.00	18.41 0.64 0.00	21.56 0.71 0.00	26.48 0.77 0.00	28.43 1.15 0.00	26.74 1.20 -0.04	25.47 1.10 0.00	24.56 1.15 0.00	24.46 1.16 0.00	26.34 1.30 0.00	27.63 1.36 0.00	27.22 1.37 0.00	28.90 1.51 0.00	33.25 1.91 0.00	37.84 2.21 0.00	40.95 2.39 0.00	39.97 2.30 0.00	38.14 2.06 0.00	32.44 1.37 0.00	29.00 1.14 0.00	24.68 0.93 0.00
ROTRRDAM_115KV_TB3 80664	22.50 0.67 -2.67	20.98 0.66 -1.33	18.35 0.62 0.00	17.95 0.59 0.00	18.37 0.60 0.00	21.56 0.71 0.00	26.56 0.85 0.00	28.41 1.12 0.00	26.68 1.02 -0.16	25.25 0.88 0.00	24.26 0.84 0.00	24.14 0.84 0.00	26.07 1.03 0.00	27.31 1.05 0.00	26.91 1.06 0.00	28.49 1.10 0.00	32.87 1.54 0.00	37.48 1.85 0.00	40.53 1.97 0.00	39.56 1.88 0.00	37.92 1.84 0.00	32.38 1.31 0.00	28.97 1.11 0.00	24.70 0.95 0.00
RUSSELL___1 23602	18.42 -0.84 -0.11	18.13 -0.91 -0.06	16.92 -0.82 0.00	16.60 -0.76 0.00	16.99 -0.78 0.00	20.00 -0.86 0.00	24.84 -0.87 0.00	26.58 -0.71 0.00	24.85 -0.61 0.04	24.03 -0.34 0.00	23.04 -0.37 0.00	22.93 -0.37 0.00	24.60 -0.40 0.04	25.54 -0.50 0.22	25.02 -0.65 0.19	26.14 -0.82 0.44	29.73 -0.63 0.98	33.42 -0.61 1.60	35.09 -0.81 2.66	34.99 -0.75 1.92	32.85 -0.97 2.26	29.40 -0.71 0.96	27.18 -0.39 0.29	23.25 -0.50 0.00
RUSSELL___2 23532	18.42 -0.84 -0.11	18.13 -0.91 -0.06	16.92 -0.82 0.00	16.60 -0.76 0.00	16.99 -0.78 0.00	20.00 -0.86 0.00	24.84 -0.87 0.00	26.58 -0.71 0.00	24.85 -0.61 0.04	24.03 -0.34 0.00	23.04 -0.37 0.00	22.93 -0.37 0.00	24.60 -0.40 0.04	25.54 -0.50 0.22	25.02 -0.65 0.19	26.14 -0.82 0.44	29.73 -0.63 0.98	33.42 -0.61 1.60	35.09 -0.81 2.66	34.99 -0.75 1.92	32.85 -0.97 2.26	29.40 -0.71 0.96	27.18 -0.39 0.29	23.25 -0.50 0.00
RUSSELL___3 23549	18.42 -0.84 -0.11	18.13 -0.91 -0.06	16.92 -0.82 0.00	16.60 -0.76 0.00	16.99 -0.78 0.00	20.00 -0.86 0.00	24.84 -0.87 0.00	26.58 -0.71 0.00	24.85 -0.61 0.04	24.03 -0.34 0.00	23.04 -0.37 0.00	22.93 -0.37 0.00	24.60 -0.40 0.04	25.54 -0.50 0.22	25.02 -0.65 0.19	26.14 -0.82 0.44	29.73 -0.63 0.98	33.42 -0.61 1.60	35.09 -0.81 2.66	34.99 -0.75 1.92	32.85 -0.97 2.26	29.40 -0.71 0.96	27.18 -0.39 0.29	23.25 -0.50 0.00
RUSSELL___4 23556	18.42 -0.84 -0.11	18.13 -0.91 -0.06	16.92 -0.82 0.00	16.60 -0.76 0.00	16.99 -0.78 0.00	20.00 -0.86 0.00	24.84 -0.87 0.00	26.58 -0.71 0.00	24.85 -0.61 0.04	24.03 -0.34 0.00	23.04 -0.37 0.00	22.93 -0.37 0.00	24.60 -0.40 0.04	25.54 -0.50 0.22	25.02 -0.65 0.19	26.14 -0.82 0.44	29.73 -0.63 0.98	33.42 -0.61 1.60	35.09 -0.81 2.66	34.99 -0.75 1.92	32.85 -0.97 2.26	29.40 -0.71 0.96	27.18 -0.39 0.29	23.25 -0.50 0.00
RUSSELL___STATION 23914	18.42 -0.84 -0.11	18.13 -0.91 -0.06	16.92 -0.82 0.00	16.60 -0.76 0.00	16.99 -0.78 0.00	20.00 -0.86 0.00	24.84 -0.87 0.00	26.58 -0.71 0.00	24.85 -0.61 0.04	24.03 -0.34 0.00	23.04 -0.37 0.00	22.93 -0.37 0.00	24.60 -0.40 0.04	25.54 -0.50 0.22	25.02 -0.65 0.19	26.14 -0.82 0.44	29.73 -0.63 0.98	33.42 -0.61 1.60	35.09 -0.81 2.66	34.99 -0.75 1.92	32.85 -0.97 2.26	29.40 -0.71 0.96	27.18 -0.39 0.29	23.25 -0.50 0.00
S SALMON___HYD 24043	18.98 -0.31 -0.13	18.73 -0.32 -0.06	17.43 -0.30 0.00	17.05 -0.31 0.00	17.48 -0.28 0.00	20.54 -0.31 0.00	25.50 -0.21 0.00	26.99 -0.30 0.00	25.13 -0.38 -0.01	23.98 -0.39 0.00	23.00 -0.42 0.00	22.90 -0.40 0.00	24.58 -0.48 -0.01	25.87 -0.47 -0.08	25.48 -0.44 -0.07	26.98 -0.58 -0.15	31.06 -0.63 -0.35	35.59 -0.61 -0.57	38.79 -0.50 -0.73	37.86 -0.49 -0.68	36.39 -0.29 -0.60	31.07 -0.34 -0.34	27.68 -0.28 -0.10	23.44 -0.31 0.00
S.PERRY__115KV_TB1 80734	18.62 -0.61 -0.08	18.33 -0.70 -0.05	17.15 -0.59 0.00	16.80 -0.56 0.00	17.22 -0.55 0.00	20.31 -0.54 0.00	25.30 -0.41 0.00	27.07 -0.22 0.00	25.22 -0.26 0.03	24.25 -0.12 0.00	23.14 -0.28 0.00	22.95 -0.35 0.00	24.51 -0.50 0.03	25.46 -0.63 0.18	25.01 -0.70 0.15	26.21 -0.85 0.34	30.10 -0.47 0.77	34.05 -0.32 1.25	35.38 -0.31 2.88	35.98 -0.19 1.50	33.31 -0.29 2.49	30.08 -0.25 0.75	27.71 0.08 0.23	23.73 -0.02 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.66 -1.61 -0.12	17.38 -1.67 -0.07	16.28 -1.45 0.00	15.94 -1.42 0.00	16.35 -1.42 0.00	19.12 -1.73 0.00	23.83 -1.88 0.00	25.24 -2.05 0.00	23.81 -1.66 0.03	23.06 -1.32 0.00	22.11 -1.31 0.00	21.97 -1.33 0.00	23.53 -1.48 0.03	24.12 -1.94 0.20	23.65 -2.04 0.17	24.60 -2.41 0.38	28.16 -2.32 0.86	31.51 -2.71 1.41	32.52 -3.28 2.76	32.89 -3.09 1.69	30.72 -2.99 2.36	27.84 -2.39 0.84	26.04 -1.56 0.26	22.52 -1.24 0.00

SAWYER___23_KV_LOAD 55526	17.66	17.38	16.28	15.94	16.35	19.12	23.83	25.24	23.81	23.06	22.11	21.97	23.53	24.12	23.65	24.60	28.16	31.51	32.52	32.89	30.72	27.84	26.04	22.52
	-1.61	-1.67	-1.45	-1.42	-1.42	-1.73	-1.88	-2.05	-1.66	-1.32	-1.31	-1.33	-1.48	-1.94	-2.04	-2.41	-2.32	-2.71	-3.28	-3.09	-2.99	-2.39	-1.56	-1.24
	-0.12	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.03	0.20	0.17	0.38	0.86	1.41	2.76	1.69	2.36	0.84	0.26	0.00
SELKIRK___I 23801	22.39	20.95	18.41	18.00	18.41	21.52	26.38	28.16	25.81	25.05	24.07	23.93	25.74	26.95	26.52	28.16	32.40	37.01	39.99	39.10	37.49	32.01	28.67	24.49
	0.71	0.70	0.67	0.64	0.64	0.67	0.67	0.87	0.84	0.68	0.65	0.63	0.70	0.68	0.67	0.77	1.07	1.39	1.43	1.43	1.41	0.93	0.81	0.74
	-2.52	-1.26	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SELKIRK___II 23799	22.32	20.85	18.30	17.91	18.30	21.40	26.22	28.03	25.51	25.03	24.10	23.97	25.79	26.97	26.52	28.14	32.34	36.91	39.87	38.95	37.31	31.82	28.47	24.35
	0.61	0.59	0.57	0.56	0.53	0.54	0.51	0.74	0.82	0.66	0.68	0.68	0.75	0.71	0.67	0.74	1.00	1.28	1.31	1.28	1.23	0.74	0.61	0.59
	-2.55	-1.27	0.00	0.00	0.00	0.00	0.00	0.00	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SENECA OSWGO___HYD 24041	18.99	18.73	17.43	17.06	17.48	20.54	25.43	26.82	25.07	23.96	23.00	22.90	24.64	26.00	25.57	27.22	31.54	36.24	39.49	38.52	36.78	31.23	27.65	23.33
	-0.31	-0.32	-0.30	-0.30	-0.28	-0.31	-0.28	-0.46	-0.46	-0.41	-0.42	-0.40	-0.43	-0.42	-0.41	-0.49	-0.50	-0.53	-0.54	-0.53	-0.51	-0.53	-0.42	-0.43
	-0.14	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	-0.03	-0.16	-0.13	-0.31	-0.70	-1.15	-1.47	-1.37	-1.21	-0.69	-0.21	0.00
SENECA___115KV_TB3 355854	17.82	17.53	16.42	16.07	16.49	19.29	24.06	25.52	24.04	23.25	22.32	22.18	23.73	24.29	23.81	24.76	28.35	31.78	32.79	33.18	31.08	28.03	26.19	22.76
	-1.46	-1.52	-1.31	-1.28	-1.28	-1.56	-1.65	-1.77	-1.43	-1.12	-1.10	-1.12	-1.28	-1.79	-1.89	-2.27	-2.16	-2.49	-3.01	-2.86	-2.63	-2.24	-1.42	-1.00
	-0.12	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.03	0.19	0.16	0.37	0.83	1.36	2.77	1.63	2.37	0.81	0.25	0.00
SENECA___ENERGY 23797	18.78	18.53	17.29	16.93	17.36	20.42	25.35	26.93	25.14	24.13	23.11	23.00	24.70	25.92	25.53	26.80	30.70	34.86	37.10	36.73	34.71	30.42	27.48	23.42
	-0.48	-0.51	-0.44	-0.43	-0.41	-0.44	-0.36	-0.36	-0.36	-0.24	-0.31	-0.30	-0.33	-0.29	-0.28	-0.49	-0.41	-0.39	-0.39	-0.49	-0.43	-0.44	-0.31	-0.33
	-0.11	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.05	0.04	0.10	0.23	0.37	1.07	0.45	0.94	0.22	0.07	0.00
SHOEMAKER___GT 23640	21.52	20.44	18.28	17.90	18.28	21.40	26.30	28.19	26.48	25.23	24.31	24.21	26.04	27.34	26.99	28.66	32.94	37.48	40.60	39.63	37.85	32.23	28.81	24.49
	0.59	0.57	0.55	0.54	0.52	0.54	0.59	0.90	0.94	0.85	0.89	0.91	1.00	1.08	1.14	1.26	1.60	1.85	2.04	1.96	1.77	1.15	0.95	0.74
	-1.77	-0.88	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHOEMAKR_138KV_BK 111 55601	21.51	20.43	18.28	17.90	18.28	21.40	26.30	28.19	26.48	25.23	24.31	24.21	26.07	27.39	27.07	28.69	33.03	37.48	40.57	39.59	37.81	32.19	28.78	24.49
	0.59	0.57	0.55	0.54	0.52	0.54	0.59	0.90	0.94	0.85	0.89	0.91	1.03	1.13	1.22	1.29	1.69	1.85	2.01	1.92	1.73	1.12	0.92	0.74
	-1.76	-0.88	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHOREHAM_IC_1 23715	22.72	21.25	18.89	18.38	18.83	22.06	26.71	28.73	27.08	25.62	24.89	26.26	26.64	29.04	31.73	34.06	37.56	45.97	44.82	44.06	40.02	35.90	29.42	24.96
	1.34	1.25	1.15	1.02	1.07	1.21	1.00	1.45	1.53	1.24	1.48	1.61	1.60	1.76	1.81	2.08	2.66	3.39	3.67	3.43	2.99	1.96	1.56	1.21
	-2.22	-1.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	-1.36	0.00	-1.02	-4.07	-4.58	-3.56	-6.96	-2.59	-2.96	-0.94	-2.86	-0.01	0.00
SHOREHAM_IC_2 23716	22.72	21.25	18.89	18.38	18.83	22.06	26.71	28.73	27.08	25.62	24.89	26.26	26.64	29.04	31.73	34.06	37.56	45.97	44.82	44.06	40.02	35.90	29.42	24.96
	1.34	1.25	1.15	1.02	1.07	1.21	1.00	1.45	1.53	1.24	1.48	1.61	1.60	1.76	1.81	2.08	2.66	3.39	3.67	3.43	2.99	1.96	1.56	1.21
	-2.22	-1.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	-1.36	0.00	-1.02	-4.07	-4.58	-3.56	-6.96	-2.59	-2.96	-0.94	-2.86	-0.01	0.00
SISSONVILLE___ 23735	18.08	18.02	16.76	16.44	16.88	19.92	24.68	26.17	24.30	23.13	22.13	21.90	23.46	24.64	24.20	25.75	29.18	33.38	36.56	35.86	34.60	29.86	26.74	22.87
	-1.07	-0.97	-0.98	-0.92	-0.89	-0.94	-1.03	-1.12	-1.20	-1.24	-1.29	-1.40	-1.58	-1.63	-1.65	-1.64	-2.16	-2.24	-2.01	-1.81	-1.48	-1.21	-1.11	-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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SITHE_IND_GS1 24169	18.83	18.59	17.33	16.96	17.36	20.40	25.20	26.53	24.48	23.69	22.76	22.65	24.05	24.02	23.86	23.64	23.86	23.87	23.64	23.67	23.71	23.71	25.11	23.06
	-0.44	-0.46	-0.41	-0.40	-0.41	-0.46	-0.51	-0.76	-0.76	-0.68	-0.66	-0.65	-0.73	-0.74	-0.72	-0.82	-0.88	-0.96	-1.04	-1.05	-1.01	-0.90	-0.78	-0.69
	-0.11	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.00	0.00	0.26	1.51	1.27	2.94	6.60	10.80	13.88	12.95	11.36	6.46	1.97	0.00
SITHE_IND_GS2 24170	18.83	18.59	17.33	16.96	17.36	20.40	25.20	26.53	24.48	23.69	22.76	22.65	24.05	24.02	23.86	23.64	23.86	23.87	23.64	23.67	23.71	23.71	25.11	23.06
	-0.44	-0.46	-0.41	-0.40	-0.41	-0.46	-0.51	-0.76	-0.76	-0.68	-0.66	-0.65	-0.73	-0.74	-0.72	-0.82	-0.88	-0.96	-1.04	-1.05	-1.01	-0.90	-0.78	-0.69
	-0.11	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.00	0.00	0.26	1.51	1.27	2.94	6.60	10.80	13.88	12.95	11.36	6.46	1.97	0.00
SITHE_IND_GS3 24171	18.83	18.59	17.33	16.96	17.36	20.40	25.20	26.53	24.48	23.69	22.76	22.65	24.05	24.02	23.86	23.64	23.86	23.87	23.64	23.67	23.71	23.71	25.11	23.06
	-0.44	-0.46	-0.41	-0.40	-0.41	-0.46	-0.51	-0.76	-0.76	-0.68	-0.66	-0.65	-0.73	-0.74	-0.72	-0.82	-0.88	-0.96	-1.04	-1.05	-1.01	-0.90	-0.78	-0.69
	-0.11	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.00	0.00	0.26	1.51	1.27	2.94	6.60	10.80	13.88	12.95	11.36	6.46	1.97	0.00
SITHE_IND_GS4 24172	18.83	18.59	17.33	16.96	17.36	20.40	25.20	26.53	24.48	23.69	22.76	22.65	24.05	24.02	23.86	23.64	23.86	23.87	23.64	23.67	23.71	23.71	25.11	23.06
	-0.44	-0.46	-0.41	-0.40	-0.41	-0.46	-0.51	-0.76	-0.76	-0.68	-0.66	-0.65	-0.73	-0.74	-0.72	-0.82	-0.88	-0.96	-1.04	-1.05	-1.01	-0.90	-0.78	-0.69
	-0.11	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.00	0.00	0.26	1.51	1.27	2.94	6.60	10.80	13.88	12.95	11.36	6.46	1.97	0.00

SITHE___BATAVIA 24024	18.10 -1.17 -0.11	17.80 -1.25 -0.06	16.63 -1.10 0.00	16.34 -1.02 0.00	16.74 -1.03 0.00	19.69 -1.17 0.00	24.50 -1.21 0.00	26.14 -1.15 0.00	24.50 -0.97 0.04	23.74 -0.63 0.00	22.74 -0.68 0.00	22.58 -0.72 0.00	24.20 -0.80 0.04	25.32 -0.74 0.21	24.98 -0.70 0.18	25.48 -1.51 0.41	29.04 -1.38 0.92	32.77 -1.35 1.50	34.32 -1.54 2.70	34.26 -1.62 1.80	32.20 -1.59 2.30	28.93 -1.24 0.90	26.92 -0.67 0.27	23.02 -0.74 0.00
SITHE___INDEPEND 23800	18.83 -0.44 -0.11	18.59 -0.46 -0.06	17.33 -0.41 0.00	16.96 -0.40 0.00	17.36 -0.41 0.00	20.40 -0.46 0.00	25.20 -0.51 0.00	26.52 -0.76 0.00	24.48 -0.77 0.26	23.69 -0.68 0.00	22.76 -0.66 0.00	22.65 -0.65 0.00	24.05 -0.73 0.26	23.99 -0.76 1.51	23.81 -0.78 1.27	23.64 -0.82 2.94	23.86 -0.88 6.60	23.83 -1.00 10.80	23.60 -1.08 13.88	23.67 -1.05 12.95	23.71 -1.01 11.36	23.71 -0.90 6.46	25.11 -0.78 1.97	23.06 -0.69 0.00
SITHE___MASSENA 23902	18.87 -0.29 0.00	18.78 -0.21 0.00	17.50 -0.23 0.00	17.15 -0.21 0.00	17.59 -0.18 0.00	20.71 -0.14 0.00	25.56 -0.15 0.00	26.99 -0.30 0.00	25.12 -0.38 0.00	23.98 -0.39 0.00	23.00 -0.42 0.00	22.79 -0.51 0.00	24.44 -0.60 0.00	25.63 -0.63 0.00	25.21 -0.65 0.00	26.77 -0.63 0.00	30.49 -0.84 0.00	34.63 -1.00 0.00	37.71 -0.85 0.00	36.95 -0.72 0.00	35.54 -0.54 0.00	30.80 -0.28 0.00	27.61 -0.25 0.00	23.59 -0.17 0.00
SITHE___OGDNSBRG 24021	18.74 -0.42 0.00	18.64 -0.34 0.00	17.36 -0.37 0.00	17.03 -0.33 0.00	17.47 -0.30 0.00	20.63 -0.23 0.00	25.58 -0.13 0.00	27.07 -0.22 0.00	25.09 -0.41 0.00	23.89 -0.49 0.00	22.83 -0.59 0.00	22.60 -0.70 0.00	24.21 -0.83 0.00	25.42 -0.84 0.00	25.00 -0.85 0.00	26.60 -0.79 0.00	30.12 -1.22 0.00	34.45 -1.18 0.00	37.67 -0.89 0.00	36.96 -0.72 0.00	35.65 -0.43 0.00	30.80 -0.28 0.00	27.58 -0.28 0.00	23.54 -0.21 0.00
SITHE___STERLING 23777	19.63 0.36 -0.11	19.38 0.34 -0.05	18.04 0.30 0.00	17.64 0.28 0.00	18.09 0.32 0.00	21.29 0.44 0.00	26.43 0.72 0.00	28.08 0.79 0.00	26.11 0.61 0.01	24.93 0.56 0.00	23.86 0.44 0.00	23.74 0.44 0.00	25.51 0.47 0.01	26.74 0.53 0.05	26.36 0.54 0.04	27.88 0.58 0.09	31.86 0.72 0.20	36.22 0.92 0.33	39.29 1.16 0.43	38.37 1.09 0.40	36.92 1.19 0.35	31.68 0.81 0.20	28.46 0.67 0.06	24.30 0.55 0.00
SLEIGHT__34_KV_TB1 80719	18.53 -0.75 -0.12	18.23 -0.82 -0.06	17.01 -0.73 0.00	16.68 -0.68 0.00	17.08 -0.69 0.00	20.10 -0.75 0.00	24.99 -0.72 0.00	26.58 -0.71 0.00	24.81 -0.66 0.03	23.89 -0.49 0.00	22.90 -0.52 0.00	22.79 -0.51 0.00	24.48 -0.53 0.03	25.51 -0.58 0.17	25.04 -0.67 0.14	26.27 -0.79 0.33	29.90 -0.69 0.75	33.65 -0.75 1.23	35.60 -0.89 2.07	35.37 -0.83 1.47	33.40 -0.94 1.74	29.60 -0.75 0.73	27.10 -0.53 0.22	23.16 -0.59 0.00
SOUTH CAIRO___GT 23612	22.60 1.03 -2.41	21.16 0.97 -1.20	18.80 1.06 0.00	18.42 1.06 0.00	18.80 1.03 0.00	22.00 1.15 0.00	26.97 1.26 0.00	28.74 1.45 0.00	26.42 1.50 0.59	25.40 1.02 0.00	24.33 0.91 0.00	24.09 0.79 0.00	25.97 0.93 0.00	27.24 0.97 0.00	26.91 1.06 0.00	28.52 1.12 0.00	33.03 1.69 0.00	37.87 2.24 0.00	41.11 2.55 0.00	40.20 2.52 0.00	38.61 2.53 0.00	32.88 1.80 0.00	29.28 1.42 0.00	25.01 1.26 0.00
SOUTH HAMPTN___IC 23720	22.93 1.55 -2.22	21.48 1.48 -1.01	19.08 1.35 0.00	18.57 1.21 0.00	19.01 1.24 0.00	22.31 1.46 0.00	27.05 1.34 0.00	29.12 1.83 0.00	27.44 1.89 -0.05	25.98 1.61 0.00	25.27 1.85 0.00	26.64 1.98 -1.36	27.07 2.03 0.00	29.49 2.21 -1.02	32.17 2.25 -4.07	34.55 2.57 -4.58	38.16 3.26 -3.56	46.68 4.10 -6.96	45.55 4.39 -2.59	44.78 4.14 -2.96	40.63 3.61 -0.94	36.36 2.43 -2.86	29.70 1.84 -0.01	25.20 1.45 0.00
SOUTHDOW_115KV_TB1 355954	18.13 -1.13 -0.10	17.85 -1.20 -0.06	16.72 -1.01 0.00	16.37 -0.99 0.00	16.83 -0.94 0.00	19.73 -1.13 0.00	24.68 -1.03 0.00	26.36 -0.93 0.00	24.68 -0.79 0.03	23.86 -0.51 0.00	22.90 -0.52 0.00	22.67 -0.63 0.00	24.11 -0.90 0.03	24.62 -1.47 0.18	24.10 -1.60 0.15	25.03 -2.03 0.34	28.69 -1.88 0.77	32.16 -2.21 1.25	33.24 -2.47 2.85	33.98 -2.18 1.50	31.94 -1.70 2.45	28.80 -1.52 0.75	26.77 -0.86 0.23	23.44 -0.31 0.00
SOUTHOLD_69_KV_BK 2 55809	23.15 1.78 -2.21	21.71 1.71 -1.01	19.29 1.56 0.00	18.78 1.42 0.00	19.21 1.44 0.00	22.67 1.81 0.00	27.43 1.72 0.00	29.55 2.26 0.00	27.87 2.32 -0.05	26.37 2.00 0.00	25.66 2.25 0.00	27.05 2.40 -1.35	27.49 2.45 0.00	30.00 2.73 -1.01	32.71 2.79 -4.06	35.09 3.12 -4.57	38.93 4.04 -3.55	47.42 4.85 -6.95	46.31 5.17 -2.58	45.53 4.90 -2.96	41.38 4.37 -0.93	36.82 2.89 -2.86	29.86 2.01 0.00	25.39 1.64 0.00
SOUTHOLD___IC 23719	23.16 1.78 -2.22	21.71 1.71 -1.01	19.30 1.56 0.00	18.78 1.42 0.00	19.21 1.44 0.00	22.63 1.77 0.00	27.43 1.72 0.00	29.55 2.26 0.00	27.87 2.32 -0.05	26.37 2.00 0.00	25.66 2.25 0.00	27.06 2.40 -1.36	27.50 2.46 0.00	29.96 2.68 -1.02	32.66 2.74 -4.07	35.07 3.10 -4.58	38.85 3.95 -3.56	47.50 4.92 -6.96	46.39 5.24 -2.59	45.61 4.97 -2.96	41.39 4.36 -0.94	36.83 2.89 -2.86	29.90 2.03 -0.01	25.34 1.59 0.00
SOUTH_FORK_WT_PWR 323839	23.18 1.80 -2.22	21.71 1.71 -1.01	19.30 1.56 0.00	18.78 1.42 0.00	19.21 1.44 0.00	22.67 1.81 0.00	27.48 1.77 0.00	29.61 2.32 0.00	27.92 2.37 -0.05	26.39 2.02 0.00	25.71 2.30 0.00	27.10 2.45 -1.36	27.54 2.50 0.00	30.01 2.73 -1.02	32.72 2.79 -4.07	35.13 3.15 -4.58	38.91 4.01 -3.56	47.61 5.02 -6.96	46.51 5.36 -2.59	45.69 5.05 -2.96	41.46 4.44 -0.94	36.80 2.86 -2.86	29.73 1.87 -0.01	25.20 1.45 0.00
SPIERFLS_115KV_TB 1 80737	23.03 1.23 -2.65	21.52 1.22 -1.32	18.83 1.10 0.00	18.42 1.06 0.00	18.89 1.12 0.00	22.25 1.40 0.00	27.48 1.77 0.00	29.34 2.05 0.00	27.82 1.99 -0.33	26.13 1.75 0.00	24.89 1.48 0.00	24.70 1.40 0.00	26.62 1.58 0.00	27.79 1.52 0.00	27.35 1.50 0.00	29.01 1.62 0.00	33.53 2.19 0.00	38.40 2.78 0.00	41.80 3.24 0.00	40.80 3.13 0.00	39.40 3.32 0.00	33.53 2.45 0.00	29.92 2.06 0.00	25.51 1.76 0.00
ST LAWRENCE____ 23600	18.81 -0.34 0.00	18.70 -0.28 0.00	17.43 -0.30 0.00	17.08 -0.28 0.00	17.50 -0.27 0.00	20.61 -0.25 0.00	25.37 -0.33 0.00	26.80 -0.49 0.00	24.97 -0.54 0.00	23.86 -0.51 0.00	22.88 -0.54 0.00	22.69 -0.61 0.00	24.34 -0.70 0.00	25.53 -0.74 0.00	25.08 -0.77 0.00	26.66 -0.74 0.00	30.33 -1.00 0.00	34.48 -1.14 0.00	37.48 -1.08 0.00	36.69 -0.98 0.00	35.25 -0.83 0.00	30.58 -0.50 0.00	27.41 -0.45 0.00	23.42 -0.33 0.00
STATE_CA_115KV_115_LB 55624	22.49 0.75 -2.59	21.02 0.74 -1.29	18.43 0.69 0.00	18.04 0.68 0.00	18.43 0.66 0.00	21.50 0.65 0.00	26.30 0.59 0.00	28.08 0.79 0.00	26.46 0.87 -0.09	25.10 0.73 0.00	24.17 0.75 0.00	24.04 0.75 0.00	25.87 0.83 0.00	27.08 0.81 0.00	26.66 0.80 0.00	28.17 0.77 0.00	32.50 1.16 0.00	37.01 1.39 0.00	39.95 1.39 0.00	38.99 1.32 0.00	37.38 1.30 0.00	31.88 0.81 0.00	28.50 0.64 0.00	24.37 0.62 0.00

STATE_ST_34_KV_LOAD 55959	19.10 -0.19 -0.14	18.81 -0.25 -0.07	17.54 -0.20 0.00	17.17 -0.19 0.00	17.59 -0.18 0.00	20.69 -0.17 0.00	25.68 -0.03 0.00	27.15 -0.14 0.00	25.35 -0.15 0.00	24.30 -0.07 0.00	23.30 -0.12 0.00	23.21 -0.09 0.00	24.96 -0.08 0.00	26.18 -0.08 0.00	25.72 -0.13 0.00	27.23 -0.16 0.00	31.31 -0.03 0.00	35.59 -0.04 0.00	38.21 -0.04 0.31	37.63 -0.04 0.00	35.72 -0.07 0.29	30.98 -0.09 0.00	27.80 -0.06 0.00	23.63 -0.12 0.00
STATION_5_MISC_HYD 23604	18.37 -0.90 -0.11	18.08 -0.97 -0.06	16.88 -0.85 0.00	16.56 -0.80 0.00	16.95 -0.82 0.00	19.94 -0.92 0.00	24.76 -0.95 0.00	26.53 -0.76 0.00	24.80 -0.66 0.04	23.96 -0.41 0.00	23.00 -0.42 0.00	22.86 -0.44 0.00	24.55 -0.45 0.04	25.67 -0.37 0.22	25.28 -0.39 0.19	26.08 -0.88 0.44	29.61 -0.75 0.98	33.34 -0.68 1.60	35.05 -0.85 2.66	34.84 -0.90 1.92	32.81 -1.01 2.26	29.37 -0.75 0.96	27.15 -0.42 0.29	23.21 -0.55 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.64 -0.61 -0.10	18.38 -0.66 -0.06	17.15 -0.59 0.00	16.82 -0.54 0.00	17.22 -0.55 0.00	20.29 -0.56 0.00	25.20 -0.51 0.00	26.85 -0.44 0.00	25.07 -0.41 0.03	24.13 -0.24 0.00	23.14 -0.28 0.00	23.02 -0.28 0.00	24.71 -0.30 0.03	25.73 -0.37 0.17	25.22 -0.49 0.14	26.47 -0.60 0.33	30.19 -0.41 0.74	34.03 -0.39 1.20	35.87 -0.50 2.19	35.74 -0.49 1.45	33.64 -0.58 1.86	29.89 -0.47 0.72	27.36 -0.28 0.22	23.40 -0.36 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.33 -0.94 -0.11	18.04 -1.01 -0.06	16.83 -0.90 0.00	16.51 -0.85 0.00	16.90 -0.87 0.00	19.90 -0.96 0.00	24.68 -1.03 0.00	26.28 -1.01 0.00	24.57 -0.89 0.04	23.71 -0.66 0.00	22.76 -0.66 0.00	22.62 -0.68 0.00	24.30 -0.70 0.04	25.23 -0.81 0.22	24.71 -0.96 0.19	25.84 -1.12 0.43	29.37 -1.00 0.97	32.98 -1.07 1.58	34.62 -1.31 2.63	34.53 -1.24 1.89	32.45 -1.41 2.22	29.04 -1.09 0.95	26.85 -0.72 0.29	22.97 -0.78 0.00
STA_56___34_KV_BUS2 355983	18.33 -0.94 -0.11	18.04 -1.01 -0.06	16.83 -0.90 0.00	16.51 -0.85 0.00	16.90 -0.87 0.00	19.90 -0.96 0.00	24.68 -1.03 0.00	26.28 -1.01 0.00	24.57 -0.89 0.04	23.71 -0.66 0.00	22.76 -0.66 0.00	22.62 -0.68 0.00	24.30 -0.70 0.04	25.23 -0.81 0.22	24.71 -0.96 0.19	25.84 -1.12 0.43	29.37 -1.00 0.97	32.98 -1.07 1.58	34.62 -1.31 2.63	34.53 -1.24 1.89	32.45 -1.41 2.22	29.04 -1.09 0.95	26.85 -0.72 0.29	22.97 -0.78 0.00
STA_67___115KV_BK2 355882	18.35 -0.92 -0.11	18.06 -0.99 -0.06	16.87 -0.87 0.00	16.53 -0.83 0.00	16.92 -0.85 0.00	19.90 -0.96 0.00	24.71 -1.00 0.00	26.28 -1.01 0.00	24.60 -0.87 0.04	23.74 -0.63 0.00	22.78 -0.63 0.00	22.65 -0.65 0.00	24.30 -0.70 0.04	25.22 -0.96 0.22	24.71 -0.96 0.19	25.81 -1.15 0.44	29.38 -1.07 0.98	32.95 -1.07 1.61	34.55 -1.35 2.66	34.39 -1.36 1.93	32.30 -1.52 2.27	28.99 -1.12 0.96	26.84 -0.72 0.29	22.99 -0.76 0.00
STA_7___115KV_9TRANS 80674	18.42 -0.84 -0.11	18.13 -0.91 -0.06	16.92 -0.82 0.00	16.60 -0.76 0.00	16.99 -0.78 0.00	20.00 -0.86 0.00	24.84 -0.87 0.00	26.58 -0.71 0.00	24.85 -0.61 0.04	24.03 -0.34 0.00	23.04 -0.37 0.00	22.93 -0.37 0.00	24.60 -0.40 0.04	25.54 -0.50 0.22	25.02 -0.65 0.19	26.14 -0.82 0.44	29.73 -0.63 0.98	33.42 -0.61 1.60	35.09 -0.81 2.66	34.99 -0.75 1.92	32.85 -0.97 2.26	29.40 -0.71 0.96	27.18 -0.39 0.29	23.25 -0.50 0.00
STA_82___115KV_TB1 80780	18.35 -0.92 -0.11	18.06 -0.99 -0.06	16.87 -0.87 0.00	16.54 -0.82 0.00	16.93 -0.84 0.00	19.92 -0.94 0.00	24.71 -1.00 0.00	26.28 -1.01 0.00	24.62 -0.84 0.04	23.76 -0.61 0.00	22.78 -0.63 0.00	22.67 -0.63 0.00	24.33 -0.68 0.04	25.23 -0.81 0.22	24.74 -0.93 0.19	25.84 -1.12 0.43	29.40 -0.97 0.97	33.01 -1.03 1.59	34.61 -1.31 2.64	34.49 -1.28 1.90	32.39 -1.44 2.25	29.07 -1.06 0.95	26.90 -0.67 0.29	23.02 -0.74 0.00
STEEL___WIND 323596	17.80 -1.47 -0.12	17.52 -1.54 -0.07	16.40 -1.33 0.00	16.08 -1.28 0.00	16.47 -1.30 0.00	19.29 -1.56 0.00	24.04 -1.67 0.00	25.49 -1.80 0.00	23.99 -1.48 0.03	23.23 -1.15 0.00	22.29 -1.12 0.00	22.16 -1.14 0.00	23.70 -1.30 0.03	24.68 -1.39 0.19	24.51 -1.19 0.16	24.78 -2.25 0.37	28.25 -2.26 0.83	31.81 -2.46 1.36	32.98 -2.81 2.77	33.18 -2.86 1.63	31.08 -2.63 2.37	28.09 -2.18 0.81	26.25 -1.36 0.25	22.76 -1.00 0.00
STEPHTWN_115KV_BK_2 55603	22.54 0.82 -2.56	21.08 0.82 -1.28	18.50 0.76 0.00	18.11 0.75 0.00	18.52 0.75 0.00	21.63 0.77 0.00	26.48 0.77 0.00	28.27 0.98 0.00	25.52 1.02 1.01	25.25 0.88 0.00	24.33 0.91 0.00	24.18 0.89 0.00	26.02 0.98 0.00	27.24 0.97 0.00	26.81 0.96 0.00	28.36 0.96 0.00	32.72 1.38 0.00	37.34 1.71 0.00	40.30 1.74 0.00	39.33 1.66 0.00	37.71 1.62 0.00	32.16 1.09 0.00	28.75 0.89 0.00	24.56 0.81 0.00
STEUBEN_REC_LFGE 323667	17.49 -1.40 0.26	17.58 -1.31 0.10	16.65 -1.08 0.00	16.34 -1.02 0.00	16.74 -1.03 0.00	19.50 -1.36 0.00	24.48 -1.23 0.00	26.69 -0.60 0.00	25.25 -0.23 0.02	24.52 0.15 0.00	23.51 0.09 0.00	23.32 0.02 0.00	24.89 -0.13 0.02	25.68 -0.47 0.11	25.19 -0.57 0.10	26.33 -0.85 0.22	30.18 -0.66 0.50	33.71 -1.10 0.82	32.46 -1.43 4.68	35.34 -1.36 0.98	31.02 -0.87 4.20	30.03 -0.56 0.49	27.54 -0.17 0.15	23.94 0.19 0.00
STILLWATER___SOLAR 323814	22.84 1.05 -2.63	21.32 1.02 -1.31	18.69 0.96 0.00	18.28 0.92 0.00	18.71 0.94 0.00	22.00 1.15 0.00	27.10 1.39 0.00	28.93 1.64 0.00	27.63 1.71 -0.42	25.86 1.49 0.00	24.82 1.40 0.00	24.65 1.35 0.00	26.47 1.43 0.00	27.68 1.42 0.00	27.22 1.37 0.00	28.71 1.32 0.00	33.03 1.69 0.00	37.84 2.21 0.00	40.95 2.39 0.00	40.01 2.34 0.00	38.43 2.34 0.00	32.72 1.65 0.00	29.28 1.42 0.00	25.18 1.43 0.00
STONY___BROOK 24151	22.87 1.50 -2.22	21.40 1.40 -1.01	19.03 1.29 0.00	18.54 1.18 0.00	18.99 1.23 0.00	22.21 1.35 0.00	27.10 1.39 0.00	29.23 1.94 0.00	27.51 1.96 -0.05	26.08 1.71 0.00	25.31 1.90 0.00	26.68 2.03 -1.36	27.14 2.10 0.00	29.56 2.28 -1.02	32.22 2.30 -4.07	34.53 2.55 -4.58	38.09 3.20 -3.56	46.54 3.95 -6.96	45.39 4.24 -2.59	44.63 3.99 -2.96	40.56 3.54 -0.94	36.43 2.49 -2.86	29.96 2.09 -0.01	25.39 1.64 0.00
STURGEON_POOL_HYD 23609	21.82 0.57 -2.08	20.58 0.55 -1.04	18.35 0.62 0.00	17.97 0.61 0.00	18.34 0.57 0.00	21.48 0.63 0.00	26.40 0.69 0.00	28.35 1.06 0.00	26.60 1.22 0.12	25.40 1.02 0.00	24.49 1.08 0.00	24.39 1.10 0.00	26.29 1.25 0.00	27.68 1.42 0.00	27.35 1.50 0.00	28.99 1.59 0.00	33.38 2.04 0.00	37.83 2.21 0.00	40.99 2.43 0.00	40.01 2.34 0.00	38.18 2.09 0.00	32.47 1.40 0.00	29.00 1.14 0.00	24.66 0.90 0.00
ST_LAW_115_BK7_LBMP 345037	18.79 -0.36 0.00	18.68 -0.30 0.00	17.42 -0.32 0.00	17.06 -0.30 0.00	17.48 -0.28 0.00	20.58 -0.27 0.00	25.35 -0.36 0.00	26.77 -0.52 0.00	24.94 -0.56 0.00	23.84 -0.54 0.00	22.83 -0.58 0.00	22.67 -0.63 0.00	24.29 -0.75 0.00	25.48 -0.79 0.00	25.05 -0.80 0.00	26.63 -0.77 0.00	30.31 -1.03 0.00	34.41 -1.21 0.00	37.44 -1.12 0.00	36.66 -1.02 0.00	35.22 -0.87 0.00	30.55 -0.53 0.00	27.38 -0.47 0.00	23.40 -0.36 0.00

ST_LAW_115_BK8_LBMP 345038	18.79 -0.36 0.00	18.68 -0.30 0.00	17.42 -0.32 0.00	17.06 -0.30 0.00	17.48 -0.28 0.00	20.58 -0.27 0.00	25.35 -0.36 0.00	26.77 -0.52 0.00	24.94 -0.56 0.00	23.84 -0.54 0.00	22.83 -0.58 0.00	22.67 -0.63 0.00	24.29 -0.75 0.00	25.48 -0.79 0.00	25.05 -0.80 0.00	26.63 -0.77 0.00	30.31 -1.03 0.00	34.41 -1.21 0.00	37.44 -1.12 0.00	36.66 -1.02 0.00	35.22 -0.87 0.00	30.55 -0.53 0.00	27.38 -0.47 0.00	23.40 -0.36 0.00
ST_LAW_230_BK5_LBMP 345035	18.81 -0.34 0.00	18.70 -0.28 0.00	17.43 -0.30 0.00	17.08 -0.28 0.00	17.50 -0.27 0.00	20.61 -0.25 0.00	25.37 -0.33 0.00	26.80 -0.49 0.00	24.97 -0.54 0.00	23.86 -0.51 0.00	22.88 -0.54 0.00	22.69 -0.61 0.00	24.34 -0.70 0.00	25.53 -0.74 0.00	25.08 -0.77 0.00	26.66 -0.74 0.00	30.33 -1.00 0.00	34.48 -1.14 0.00	37.48 -1.08 0.00	36.69 -0.98 0.00	35.25 -0.83 0.00	30.58 -0.50 0.00	27.41 -0.45 0.00	23.42 -0.33 0.00
ST_LAW_230_BK6_LBMP 345036	18.81 -0.34 0.00	18.70 -0.28 0.00	17.43 -0.30 0.00	17.08 -0.28 0.00	17.50 -0.27 0.00	20.61 -0.25 0.00	25.37 -0.33 0.00	26.80 -0.49 0.00	24.97 -0.54 0.00	23.86 -0.51 0.00	22.88 -0.54 0.00	22.69 -0.61 0.00	24.34 -0.70 0.00	25.53 -0.74 0.00	25.08 -0.77 0.00	26.66 -0.74 0.00	30.33 -1.00 0.00	34.48 -1.14 0.00	37.48 -1.08 0.00	36.69 -0.98 0.00	35.25 -0.83 0.00	30.58 -0.50 0.00	27.41 -0.45 0.00	23.42 -0.33 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.65 0.67 -1.83	20.54 0.65 -0.91	18.35 0.62 0.00	17.95 0.59 0.00	18.34 0.57 0.00	21.46 0.60 0.00	26.38 0.67 0.00	28.30 1.01 0.00	26.58 1.05 -0.03	25.35 0.97 0.00	24.42 1.01 0.00	24.32 1.03 0.00	26.19 1.15 0.00	27.55 1.29 0.00	27.20 1.34 0.00	28.82 1.42 0.00	33.22 1.88 0.00	37.69 2.07 0.00	40.80 2.24 0.00	39.82 2.15 0.00	38.00 1.91 0.00	32.32 1.24 0.00	28.89 1.03 0.00	24.56 0.81 0.00
SWANROAD_115KV_TB1 355699	17.34 -1.93 -0.12	17.04 -2.01 -0.07	15.96 -1.77 0.00	15.59 -1.77 0.00	16.03 -1.74 0.00	18.75 -2.11 0.00	23.29 -2.42 0.00	24.64 -2.65 0.00	23.27 -2.19 0.03	22.54 -1.83 0.00	21.61 -1.80 0.00	21.48 -1.82 0.00	23.00 -2.00 0.04	23.59 -2.47 0.20	23.12 -2.56 0.17	24.05 -2.96 0.39	27.45 -3.01 0.88	30.73 -3.46 1.44	31.73 -4.09 2.74	32.02 -3.92 1.73	29.91 -3.82 2.35	27.13 -3.08 0.86	25.51 -2.09 0.26	22.02 -1.73 0.00
SYNERGY___BIOGAS 323694	18.10 -1.17 -0.11	17.80 -1.25 -0.06	16.63 -1.10 0.00	16.34 -1.02 0.00	16.74 -1.03 0.00	19.69 -1.17 0.00	24.50 -1.21 0.00	26.14 -1.15 0.00	24.50 -0.97 0.04	23.74 -0.63 0.00	22.74 -0.68 0.00	22.58 -0.72 0.00	24.20 -0.80 0.04	25.32 -0.74 0.21	24.98 -0.70 0.18	25.48 -1.51 0.41	29.04 -1.38 0.92	32.77 -1.35 1.50	34.32 -1.54 2.70	34.26 -1.62 1.80	32.20 -1.59 2.30	28.93 -1.24 0.90	26.92 -0.67 0.27	23.02 -0.74 0.00
SYRACUSE___ENERGY_ST1 323597	19.20 -0.13 -0.18	18.90 -0.17 -0.09	17.59 -0.14 0.00	17.22 -0.14 0.00	17.64 -0.12 0.00	20.73 -0.13 0.00	25.68 -0.03 0.00	27.13 -0.16 0.00	25.32 -0.18 0.00	24.25 -0.12 0.00	23.25 -0.16 0.00	23.16 -0.14 0.00	24.89 -0.15 0.00	26.11 -0.16 0.00	25.70 -0.16 0.00	27.21 -0.19 0.00	31.24 -0.09 0.00	35.48 -0.14 0.00	38.45 -0.12 0.00	37.56 -0.11 0.00	35.97 -0.11 0.00	30.89 -0.19 0.00	27.75 -0.11 0.00	23.61 -0.14 0.00
SYRACUSE___ENERGY_ST2 323598	19.20 -0.13 -0.18	18.90 -0.17 -0.09	17.59 -0.14 0.00	17.22 -0.14 0.00	17.64 -0.12 0.00	20.73 -0.13 0.00	25.68 -0.03 0.00	27.13 -0.16 0.00	25.32 -0.18 0.00	24.25 -0.12 0.00	23.25 -0.16 0.00	23.16 -0.14 0.00	24.89 -0.15 0.00	26.11 -0.16 0.00	25.70 -0.16 0.00	27.21 -0.19 0.00	31.24 -0.09 0.00	35.48 -0.14 0.00	38.45 -0.12 0.00	37.56 -0.11 0.00	35.97 -0.11 0.00	30.89 -0.19 0.00	27.75 -0.11 0.00	23.61 -0.14 0.00
SYRACUSE___POWER 24017	19.24 -0.15 -0.23	18.91 -0.19 -0.11	17.57 -0.16 0.00	17.20 -0.16 0.00	17.63 -0.14 0.00	20.69 -0.17 0.00	25.63 -0.08 0.00	27.13 -0.16 0.00	25.31 -0.18 0.01	24.23 -0.15 0.00	23.25 -0.16 0.00	23.14 -0.16 0.00	24.85 -0.18 0.01	26.01 -0.18 0.07	25.62 -0.18 0.06	27.05 -0.22 0.13	30.92 -0.13 0.29	35.00 -0.14 0.48	38.00 -0.15 0.41	36.95 -0.15 0.57	35.63 -0.14 0.31	30.57 -0.22 0.29	27.60 -0.17 0.09	23.59 -0.17 0.00
TALLMAN___138KV_BK151 55660	21.79 0.75 -1.89	20.65 0.72 -0.94	18.43 0.69 0.00	18.02 0.66 0.00	18.39 0.62 0.00	21.52 0.67 0.00	26.43 0.72 0.00	28.41 1.12 0.00	26.71 1.17 -0.04	25.45 1.07 0.00	24.54 1.12 0.00	24.46 1.16 0.00	26.34 1.30 0.00	27.71 1.44 0.00	27.38 1.53 0.00	29.01 1.62 0.00	33.44 2.10 0.00	37.91 2.28 0.00	41.03 2.47 0.00	40.05 2.37 0.00	38.18 2.09 0.00	32.44 1.37 0.00	29.00 1.14 0.00	24.68 0.93 0.00
TEALLAVE_115KV_TB7 355573	19.11 -0.21 -0.16	18.84 -0.23 -0.08	17.52 -0.21 0.00	17.15 -0.21 0.00	17.57 -0.20 0.00	20.65 -0.21 0.00	25.58 -0.13 0.00	27.02 -0.27 0.00	25.21 -0.28 0.02	24.15 -0.22 0.00	23.18 -0.23 0.00	23.07 -0.23 0.00	24.80 -0.23 0.02	25.91 -0.26 0.09	25.52 -0.26 0.08	26.92 -0.30 0.18	30.73 -0.22 0.39	34.70 -0.29 0.64	37.42 -0.31 0.83	36.60 -0.30 0.77	35.12 -0.29 0.68	30.38 -0.31 0.39	27.49 -0.25 0.12	23.49 -0.26 0.00
TELGRAPH_34_KV_EAST 80808	17.83 -1.44 -0.11	17.55 -1.50 -0.06	16.42 -1.31 0.00	16.09 -1.27 0.00	16.49 -1.28 0.00	19.35 -1.50 0.00	24.09 -1.62 0.00	25.62 -1.66 0.00	24.09 -1.38 0.04	23.32 -1.05 0.00	22.36 -1.05 0.00	22.23 -1.07 0.00	23.83 -1.18 0.04	24.51 -1.55 0.21	24.00 -1.68 0.17	24.97 -2.03 0.40	28.52 -1.91 0.90	32.01 -2.14 1.48	33.26 -2.58 2.71	33.45 -2.45 1.77	31.31 -2.45 2.32	28.26 -1.93 0.89	26.39 -1.20 0.27	22.64 -1.12 0.00
TEMPLE___115KV_TB 2 55572	19.13 -0.19 -0.16	18.84 -0.23 -0.08	17.54 -0.20 0.00	17.17 -0.19 0.00	17.57 -0.20 0.00	20.65 -0.21 0.00	25.58 -0.13 0.00	27.04 -0.25 0.00	25.23 -0.26 0.02	24.15 -0.22 0.00	23.18 -0.23 0.00	23.09 -0.21 0.00	24.80 -0.23 0.02	25.94 -0.24 0.09	25.52 -0.26 0.08	26.92 -0.30 0.18	30.72 -0.22 0.40	34.72 -0.25 0.66	37.45 -0.27 0.84	36.62 -0.26 0.79	35.10 -0.29 0.69	30.37 -0.31 0.39	27.49 -0.25 0.12	23.52 -0.24 0.00
TIANA____69_KV_BK 1 55817	22.86 1.49 -2.21	21.42 1.42 -1.01	19.03 1.29 0.00	18.52 1.16 0.00	18.98 1.21 0.00	22.29 1.44 0.00	26.97 1.26 0.00	29.04 1.75 0.00	27.36 1.81 -0.05	25.91 1.54 0.00	25.17 1.76 0.00	26.54 1.89 -1.35	26.97 1.93 0.00	29.43 2.15 -1.01	32.14 2.22 -4.06	34.44 2.47 -4.57	38.12 3.23 -3.55	46.42 3.85 -6.95	45.31 4.16 -2.58	44.55 3.92 -2.96	40.48 3.46 -0.93	36.23 2.30 -2.86	29.64 1.78 0.00	25.23 1.47 0.00
TILDEN___115KV_TB1 80814	19.24 -0.15 -0.23	18.91 -0.19 -0.11	17.57 -0.16 0.00	17.20 -0.16 0.00	17.63 -0.14 0.00	20.69 -0.17 0.00	25.63 -0.08 0.00	27.13 -0.16 0.00	25.31 -0.18 0.01	24.23 -0.15 0.00	23.25 -0.16 0.00	23.14 -0.16 0.00	24.85 -0.18 0.01	26.01 -0.18 0.07	25.62 -0.18 0.06	27.05 -0.22 0.13	30.92 -0.13 0.29	35.00 -0.14 0.48	38.00 -0.15 0.41	36.95 -0.15 0.57	35.63 -0.14 0.31	30.57 -0.22 0.29	27.60 -0.17 0.09	23.59 -0.17 0.00

TRIGEN___CC 323695	22.56 1.19 -2.21	21.14 1.14 -1.01	18.78 1.05 0.00	18.33 0.97 0.00	18.75 0.98 0.00	21.96 1.11 0.00	26.89 1.18 0.00	28.98 1.69 0.00	27.28 1.73 -0.05	25.93 1.56 0.00	25.13 1.71 0.00	26.47 1.82 -1.35	27.02 1.98 0.00	29.43 2.15 -1.01	32.11 2.20 -4.06	34.30 2.33 -4.57	37.83 2.95 -3.55	45.81 3.24 -6.94	44.65 3.51 -2.58	43.94 3.32 -2.96	40.05 3.03 -0.93	36.08 2.14 -2.86	29.70 1.84 0.00	25.23 1.47 0.00
TRINITY___115KV___4 BK 55933	22.41 0.69 -2.57	20.95 0.68 -1.28	18.39 0.66 0.00	18.00 0.64 0.00	18.39 0.62 0.00	21.46 0.60 0.00	26.22 0.51 0.00	28.00 0.71 0.00	26.01 0.79 0.28	25.03 0.66 0.00	24.12 0.70 0.00	23.97 0.68 0.00	25.79 0.75 0.00	27.00 0.74 0.00	26.55 0.70 0.00	28.06 0.66 0.00	32.37 1.03 0.00	36.84 1.21 0.00	39.80 1.23 0.00	38.88 1.21 0.00	37.20 1.12 0.00	31.76 0.68 0.00	28.41 0.56 0.00	24.28 0.52 0.00
UNION___PROCESSING_DRP 323587	18.35 -0.92 -0.11	18.06 -0.99 -0.06	16.87 -0.87 0.00	16.54 -0.82 0.00	16.93 -0.84 0.00	19.92 -0.94 0.00	24.73 -0.98 0.00	26.31 -0.98 0.00	24.62 -0.84 0.04	23.76 -0.61 0.00	22.78 -0.63 0.00	22.67 -0.63 0.00	24.33 -0.68 0.04	25.23 -0.81 0.22	24.74 -0.93 0.19	25.85 -1.12 0.43	29.40 -0.97 0.97	33.01 -1.03 1.58	34.62 -1.31 2.63	34.54 -1.24 1.89	32.40 -1.44 2.24	29.07 -1.06 0.95	26.90 -0.67 0.29	23.02 -0.74 0.00
UPPER HUDSON___HYD 24058	23.03 1.23 -2.65	21.52 1.22 -1.32	18.83 1.10 0.00	18.42 1.06 0.00	18.89 1.12 0.00	22.25 1.40 0.00	27.48 1.77 0.00	29.31 2.02 0.00	27.82 1.99 -0.33	26.13 1.76 0.00	24.89 1.48 0.00	24.70 1.40 0.00	26.62 1.58 0.00	27.76 1.50 0.00	27.30 1.45 0.00	28.36 0.96 0.00	32.59 1.25 0.00	37.44 1.82 0.00	40.72 2.16 0.00	39.78 2.11 0.00	38.39 2.31 0.00	32.63 1.55 0.00	29.22 1.36 0.00	25.51 1.76 0.00
UPPER RAQUET___HYD 24056	18.08 -1.07 0.00	18.02 -0.97 0.00	16.76 -0.98 0.00	16.44 -0.92 0.00	16.88 -0.89 0.00	19.92 -0.94 0.00	24.68 -1.03 0.00	26.17 -1.12 0.00	24.30 -1.20 0.00	23.13 -1.24 0.00	22.13 -1.29 0.00	21.90 -1.40 0.00	23.46 -1.58 0.00	24.61 -1.65 0.00	24.17 -1.68 0.00	25.75 -1.64 0.00	29.27 -2.07 0.00	33.38 -2.24 0.00	36.55 -2.01 0.00	35.86 -1.81 0.00	34.60 -1.48 0.00	29.89 -1.18 0.00	26.74 -1.12 0.00	22.87 -0.88 0.00
VALLEY44_115KV_TB2 355964	17.83 -1.44 -0.11	17.59 -1.46 -0.06	16.49 -1.24 0.00	16.13 -1.23 0.00	16.56 -1.21 0.00	19.35 -1.50 0.00	24.09 -1.62 0.00	25.54 -1.75 0.00	23.94 -1.53 0.03	23.20 -1.17 0.00	22.29 -1.12 0.00	22.13 -1.16 0.00	23.61 -1.40 0.03	23.99 -2.10 0.17	23.62 -2.09 0.14	24.63 -2.44 0.33	28.18 -2.41 0.74	31.52 -2.89 1.22	32.36 -3.35 2.84	33.01 -3.20 1.46	31.11 -2.53 2.45	27.68 -2.67 0.73	25.69 -1.95 0.22	22.73 -1.02 0.00
VALLEY___115KV_TB 1-4 80826	19.21 0.06 0.00	19.04 0.06 0.00	17.79 0.05 0.00	17.43 0.07 0.00	17.88 0.11 0.00	21.02 0.17 0.00	25.97 0.26 0.00	27.59 0.30 0.00	25.76 0.26 0.00	24.64 0.27 0.00	23.63 0.21 0.00	23.46 0.16 0.00	25.19 0.15 0.00	26.39 0.13 0.00	25.98 0.13 0.00	27.53 0.14 0.00	31.56 0.22 0.00	35.98 0.36 0.00	38.99 0.42 0.00	38.05 0.38 0.00	36.48 0.40 0.00	31.32 0.25 0.00	28.05 0.20 0.00	23.92 0.17 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.77 0.84 -0.77	20.19 0.82 -0.39	18.50 0.76 0.00	18.07 0.71 0.00	18.52 0.75 0.00	21.75 0.90 0.00	26.97 1.26 0.00	28.79 1.50 0.00	26.82 1.33 0.01	25.59 1.22 0.00	24.52 1.10 0.00	24.42 1.12 0.00	26.26 1.23 0.01	27.54 1.31 0.03	27.14 1.32 0.03	28.81 1.48 0.06	33.04 1.85 0.14	37.56 2.17 0.24	40.65 2.39 0.30	39.69 2.30 0.28	38.38 2.35 0.05	32.58 1.65 0.14	29.21 1.39 0.04	24.92 1.16 0.00
VISCHER___FERRY HYD 24020	22.63 0.88 -2.59	21.15 0.87 -1.29	18.55 0.82 0.00	18.14 0.78 0.00	18.55 0.78 0.00	21.75 0.90 0.00	26.74 1.03 0.00	28.60 1.31 0.00	27.71 1.56 -0.66	25.71 1.34 0.00	24.75 1.33 0.00	24.60 1.30 0.00	26.32 1.28 0.00	27.52 1.26 0.00	27.04 1.19 0.00	28.60 1.20 0.00	32.94 1.60 0.00	37.58 1.96 0.00	40.64 2.08 0.00	39.70 2.03 0.00	38.03 1.95 0.00	32.44 1.37 0.00	29.03 1.17 0.00	24.85 1.09 0.00
V_A_10_SYNC_DSASP 323832	17.82 -1.46 -0.12	17.53 -1.52 -0.06	16.39 -1.35 0.00	16.06 -1.30 0.00	16.45 -1.31 0.00	19.29 -1.56 0.00	23.99 -1.72 0.00	25.41 -1.88 0.00	23.88 -1.58 0.04	23.13 -1.24 0.00	22.17 -1.24 0.00	22.06 -1.35 0.00	23.65 -1.37 0.04	24.68 -1.37 0.22	24.40 -1.27 0.19	24.97 -2.00 0.43	28.40 -1.97 0.97	31.87 -2.17 1.58	33.18 -2.62 2.76	33.21 -2.56 1.90	31.10 -2.63 2.35	28.17 -1.96 0.95	26.29 -1.28 0.29	22.49 -1.26 0.00
V_CMM_10_SYNC_DSASP 323787	18.87 -0.29 0.00	18.76 -0.23 0.00	17.49 -0.25 0.00	17.13 -0.23 0.00	17.56 -0.21 0.00	20.67 -0.19 0.00	25.48 -0.23 0.00	26.91 -0.38 0.00	25.04 -0.46 0.00	23.93 -0.44 0.00	22.95 -0.47 0.00	22.76 -0.53 0.00	24.41 -0.63 0.00	25.61 -0.66 0.00	25.16 -0.70 0.00	26.74 -0.66 0.00	30.43 -0.91 0.00	34.56 -1.07 0.00	37.60 -0.96 0.00	36.84 -0.83 0.00	35.40 -0.69 0.00	30.70 -0.37 0.00	27.52 -0.33 0.00	23.52 -0.24 0.00
V_CMP_10_SYNC_DSASP 323788	18.35 -0.80 0.00	18.28 -0.70 0.00	17.02 -0.71 0.00	16.75 -0.61 0.00	17.25 -0.52 0.00	20.48 -0.37 0.00	25.14 -0.57 0.00	26.80 -0.49 0.00	25.02 -0.49 0.00	23.76 -0.61 0.00	22.64 -0.77 0.00	22.37 -0.93 0.00	23.89 -1.15 0.00	25.06 -1.21 0.00	24.54 -1.32 0.00	26.11 -1.29 0.00	30.02 -1.32 0.00	34.52 -1.10 0.00	38.68 0.12 0.00	37.90 0.23 0.00	36.59 0.50 0.00	31.57 0.50 0.00	28.19 0.34 0.00	24.11 0.36 0.00
V_D_10_SYNC_DSASP 323841	18.87 -0.29 0.00	18.78 -0.21 0.00	17.50 -0.23 0.00	17.17 -0.19 0.00	17.59 -0.18 0.00	20.71 -0.14 0.00	25.56 -0.15 0.00	26.99 -0.30 0.00	25.12 -0.38 0.00	23.98 -0.39 0.00	23.00 -0.42 0.00	22.81 -0.49 0.00	24.44 -0.60 0.00	25.66 -0.60 0.00	25.21 -0.65 0.00	26.80 -0.60 0.00	30.49 -0.84 0.00	34.63 -1.00 0.00	37.71 -0.85 0.00	36.95 -0.72 0.00	35.54 -0.54 0.00	30.80 -0.28 0.00	27.61 -0.25 0.00	23.59 -0.17 0.00
V_E_10_SYNC_DSASP 323830	21.17 1.05 -0.96	20.45 1.01 -0.46	18.66 0.92 0.00	18.21 0.85 0.00	18.73 0.96 0.00	22.11 1.25 0.00	27.77 2.06 0.00	29.66 2.37 0.00	27.35 1.86 0.01	26.05 1.68 0.00	24.77 1.36 0.00	24.67 1.37 0.00	26.48 1.45 0.01	27.84 1.63 0.05	27.52 1.71 0.04	29.19 1.89 0.10	33.46 2.35 0.23	38.35 3.10 0.37	43.72 3.67 -1.50	40.62 3.39 0.44	41.12 3.54 -1.50	33.43 2.58 0.22	30.02 2.23 0.07	25.56 1.80 0.00
V_F_30_NSYNC___DSASP 323816	22.85 1.05 -2.64	21.35 1.04 -1.32	18.69 0.96 0.00	18.28 0.92 0.00	18.71 0.94 0.00	22.00 1.15 0.00	27.12 1.41 0.00	28.95 1.66 0.00	27.59 1.71 -0.38	25.86 1.49 0.00	24.82 1.40 0.00	24.65 1.35 0.00	26.49 1.45 0.00	27.71 1.44 0.00	27.25 1.40 0.00	28.74 1.34 0.00	33.06 1.72 0.00	37.87 2.25 0.00	40.99 2.43 0.00	40.05 2.37 0.00	38.46 2.38 0.00	32.75 1.68 0.00	29.31 1.45 0.00	25.20 1.45 0.00

V_F_30_SYNC_DSASP 323786	22.49 0.75 -2.59	21.00 0.72 -1.29	18.43 0.69 0.00	18.04 0.68 0.00	18.43 0.66 0.00	21.50 0.65 0.00	26.30 0.59 0.00	28.08 0.79 0.00	26.44 0.87 -0.07	25.10 0.73 0.00	24.17 0.75 0.00	24.04 0.75 0.00	25.87 0.83 0.00	27.08 0.81 0.00	26.66 0.80 0.00	28.17 0.77 0.00	32.50 1.16 0.00	36.98 1.35 0.00	39.95 1.39 0.00	38.99 1.32 0.00	37.38 1.30 0.00	31.88 0.81 0.00	28.50 0.64 0.00	24.37 0.62 0.00
V_XM_10_SYNC_DSASP 323789	18.35 -0.80 0.00	18.28 -0.70 0.00	17.02 -0.71 0.00	16.75 -0.61 0.00	17.25 -0.52 0.00	20.48 -0.37 0.00	25.14 -0.57 0.00	26.80 -0.49 0.00	25.02 -0.49 0.00	23.76 -0.61 0.00	22.64 -0.77 0.00	22.37 -0.93 0.00	23.89 -1.15 0.00	25.06 -1.21 0.00	24.54 -1.32 0.00	26.11 -1.29 0.00	30.02 -1.32 0.00	34.52 -1.10 0.00	38.68 0.12 0.00	37.90 0.23 0.00	36.59 0.50 0.00	31.57 0.50 0.00	28.19 0.34 0.00	24.11 0.36 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.87 0.80 -1.90	20.71 0.78 -0.95	18.46 0.73 0.00	18.05 0.69 0.00	18.44 0.68 0.00	21.58 0.73 0.00	26.53 0.82 0.00	28.49 1.20 0.00	26.79 1.25 -0.04	25.54 1.17 0.00	24.63 1.22 0.00	24.53 1.23 0.00	26.42 1.38 0.00	27.79 1.52 0.00	27.46 1.60 0.00	29.10 1.70 0.00	33.56 2.23 0.00	38.05 2.42 0.00	41.18 2.62 0.00	40.20 2.52 0.00	38.32 2.24 0.00	32.57 1.49 0.00	29.08 1.23 0.00	24.75 1.00 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.16 0.98 -2.03	20.95 0.95 -1.01	18.60 0.87 0.00	18.19 0.83 0.00	18.57 0.80 0.00	21.75 0.90 0.00	26.74 1.03 0.00	28.79 1.50 0.00	27.10 1.56 -0.05	25.86 1.49 0.00	24.94 1.52 0.00	24.86 1.56 0.00	26.79 1.75 0.00	28.15 1.89 0.00	27.79 1.94 0.00	29.48 2.08 0.00	34.00 2.66 0.00	38.51 2.89 0.00	41.72 3.16 0.00	40.61 2.94 0.00	38.72 2.63 0.00	32.85 1.77 0.00	29.39 1.53 0.00	24.99 1.24 0.00
W50THST__13_KV_LOAD 356117	22.24 1.05 -2.03	21.04 1.04 -1.01	18.67 0.94 0.00	18.26 0.90 0.00	18.66 0.89 0.00	21.86 1.00 0.00	26.89 1.18 0.00	28.95 1.66 0.00	27.26 1.71 -0.05	25.96 1.58 0.00	25.06 1.64 0.00	24.98 1.68 0.00	26.92 1.88 0.00	28.29 2.02 0.00	27.92 2.07 0.00	29.62 2.22 0.00	34.22 2.88 0.00	38.73 3.10 0.00	41.95 3.39 0.00	40.80 3.13 0.00	38.86 2.78 0.00	32.97 1.90 0.00	29.47 1.62 0.00	25.11 1.35 0.00
WADING RIVER_IC_1 23522	22.68 1.30 -2.22	21.23 1.23 -1.01	18.85 1.12 0.00	18.37 1.01 0.00	18.80 1.03 0.00	22.04 1.19 0.00	26.69 0.98 0.00	28.68 1.39 0.00	27.03 1.48 -0.05	25.59 1.22 0.00	24.85 1.43 0.00	26.22 1.56 -1.36	26.62 1.58 0.00	29.01 1.73 -1.02	31.71 1.78 -4.07	34.03 2.06 -4.58	37.53 2.63 -3.56	45.93 3.35 -6.96	44.78 3.62 -2.59	44.03 3.39 -2.96	39.95 2.92 -0.94	35.84 1.90 -2.86	29.37 1.50 -0.01	24.92 1.16 0.00
WADING RIVER_IC_2 23547	22.68 1.30 -2.22	21.23 1.23 -1.01	18.85 1.12 0.00	18.37 1.01 0.00	18.80 1.03 0.00	22.04 1.19 0.00	26.69 0.98 0.00	28.68 1.39 0.00	27.03 1.48 -0.05	25.59 1.22 0.00	24.85 1.43 0.00	26.22 1.56 -1.36	26.62 1.58 0.00	29.01 1.73 -1.02	31.71 1.78 -4.07	34.03 2.06 -4.58	37.53 2.63 -3.56	45.93 3.35 -6.96	44.78 3.62 -2.59	44.03 3.39 -2.96	39.95 2.92 -0.94	35.84 1.90 -2.86	29.37 1.50 -0.01	24.92 1.16 0.00
WADING RIVER_IC_3 23601	22.68 1.30 -2.22	21.23 1.23 -1.01	18.85 1.12 0.00	18.37 1.01 0.00	18.80 1.03 0.00	22.04 1.19 0.00	26.69 0.98 0.00	28.68 1.39 0.00	27.03 1.48 -0.05	25.59 1.22 0.00	24.85 1.43 0.00	26.22 1.56 -1.36	26.62 1.58 0.00	29.01 1.73 -1.02	31.71 1.78 -4.07	34.03 2.06 -4.58	37.53 2.63 -3.56	45.93 3.35 -6.96	44.78 3.62 -2.59	44.03 3.39 -2.96	39.95 2.92 -0.94	35.84 1.90 -2.86	29.37 1.50 -0.01	24.92 1.16 0.00
WALDENNY_12_KV_BK2 80841	17.80 -1.48 -0.12	17.50 -1.56 -0.07	16.39 -1.35 0.00	16.04 -1.32 0.00	16.47 -1.30 0.00	19.27 -1.58 0.00	24.04 -1.67 0.00	25.49 -1.80 0.00	24.02 -1.45 0.03	23.25 -1.12 0.00	22.32 -1.10 0.00	22.16 -1.14 0.00	23.70 -1.30 0.03	24.31 -1.76 0.19	23.81 -1.89 0.16	24.78 -2.25 0.37	28.34 -2.16 0.83	31.77 -2.49 1.36	32.79 -3.01 2.77	33.17 -2.86 1.64	31.04 -2.67 2.37	28.02 -2.24 0.82	26.19 -1.42 0.25	22.73 -1.02 0.00
WALDEN__HYDRO 24148	21.83 0.75 -1.93	20.65 0.70 -0.96	18.41 0.67 0.00	18.02 0.66 0.00	18.39 0.62 0.00	21.54 0.69 0.00	26.48 0.77 0.00	28.41 1.12 0.00	26.67 1.17 0.00	25.42 1.05 0.00	24.52 1.10 0.00	24.39 1.10 0.00	26.27 1.23 0.00	27.66 1.39 0.00	27.33 1.47 0.00	28.96 1.56 0.00	33.38 2.04 0.00	37.87 2.24 0.00	41.03 2.47 0.00	40.05 2.37 0.00	38.25 2.16 0.00	32.50 1.43 0.00	29.03 1.17 0.00	24.70 0.95 0.00
WARRENSBURG____ 23737	23.03 1.23 -2.65	21.52 1.22 -1.32	18.83 1.10 0.00	18.42 1.06 0.00	18.89 1.12 0.00	22.25 1.40 0.00	27.48 1.77 0.00	29.31 2.02 0.00	27.82 1.99 -0.33	26.13 1.76 0.00	24.89 1.48 0.00	24.70 1.40 0.00	26.62 1.58 0.00	27.76 1.50 0.00	27.30 1.45 0.00	28.36 0.96 0.00	32.59 1.25 0.00	37.44 1.82 0.00	40.72 2.16 0.00	39.78 2.11 0.00	38.39 2.31 0.00	32.63 1.55 0.00	29.22 1.36 0.00	25.51 1.76 0.00
WATERSIDE____6 8 9 23538	22.20 1.02 -2.03	20.98 0.99 -1.01	18.62 0.89 0.00	18.21 0.85 0.00	18.59 0.82 0.00	21.75 0.90 0.00	26.69 0.98 0.00	28.74 1.45 0.00	27.12 1.58 -0.04	25.23 1.58 0.73	23.47 1.64 1.59	23.52 1.68 1.46	25.40 1.85 1.49	26.61 2.00 1.65	26.74 2.04 1.16	28.25 2.19 1.34	34.09 2.76 0.01	38.61 2.99 0.01	41.79 3.24 0.01	40.72 3.09 0.04	38.25 2.78 0.62	31.58 1.86 1.36	28.12 1.62 1.36	25.01 1.26 0.00
WATKINRD_115KV_LN8_ILLION 55919	19.20 0.04 0.00	19.00 0.02 0.00	17.75 0.02 0.00	17.38 0.02 0.00	17.79 0.02 0.00	20.88 0.02 0.00	25.76 0.05 0.00	27.32 0.03 0.00	25.48 -0.03 0.00	24.32 -0.05 0.00	23.37 -0.05 0.00	23.23 -0.07 0.00	24.99 -0.05 0.00	26.21 -0.05 0.00	25.80 -0.05 0.00	27.34 -0.05 0.00	31.34 0.00 0.00	35.66 0.04 0.00	38.64 0.08 0.00	37.71 0.04 0.00	36.16 0.07 0.00	31.08 0.00 0.00	27.83 -0.03 0.00	23.73 -0.02 0.00
WATSON__69_KV_BK 1 55734	23.00 1.63 -2.21	21.55 1.56 -1.01	19.17 1.44 0.00	18.66 1.30 0.00	19.12 1.35 0.00	22.40 1.54 0.00	27.33 1.62 0.00	29.47 2.18 0.00	27.72 2.17 -0.05	26.27 1.90 0.00	25.52 2.11 0.00	26.91 2.26 -1.35	27.42 2.38 0.00	29.87 2.60 -1.01	32.55 2.64 -4.06	34.82 2.85 -4.57	38.52 3.64 -3.55	46.78 4.20 -6.95	45.69 4.55 -2.58	44.96 4.33 -2.96	40.91 3.90 -0.93	36.73 2.80 -2.86	30.23 2.37 0.00	25.68 1.92 0.00
WDELAWARE__HYD 323627	21.51 0.57 -1.78	20.40 0.53 -0.89	18.25 0.51 0.00	17.86 0.50 0.00	18.23 0.46 0.00	21.38 0.52 0.00	26.35 0.64 0.00	28.22 0.93 0.00	26.47 0.97 0.00	25.20 0.83 0.00	24.24 0.82 0.00	24.11 0.82 0.00	25.99 0.95 0.00	27.34 1.08 0.00	27.02 1.16 0.00	28.71 1.32 0.00	33.03 1.69 0.00	37.62 1.99 0.00	40.84 2.27 0.00	39.89 2.22 0.00	38.10 2.02 0.00	32.41 1.34 0.00	28.89 1.03 0.00	24.54 0.78 0.00

WEST BABYLON___IC 23714	22.92 1.55 -2.21	21.48 1.48 -1.01	19.10 1.37 0.00	18.61 1.25 0.00	19.05 1.28 0.00	22.31 1.46 0.00	27.28 1.57 0.00	29.42 2.13 0.00	27.67 2.12 -0.05	26.23 1.85 0.00	25.48 2.06 0.00	26.84 2.19 -1.35	27.37 2.33 0.00	29.82 2.55 -1.01	32.50 2.59 -4.06	34.74 2.77 -4.57	38.43 3.54 -3.55	46.63 4.06 -6.94	45.54 4.40 -2.58	44.81 4.18 -2.96	40.81 3.79 -0.93	36.67 2.73 -2.86	30.17 2.31 0.00	25.63 1.88 0.00
WEST CANADA___HYD 24049	19.25 0.10 0.00	19.08 0.10 0.00	17.82 0.09 0.00	17.43 0.07 0.00	17.84 0.07 0.00	20.94 0.08 0.00	25.81 0.10 0.00	27.34 0.05 0.00	25.55 0.05 0.00	24.42 0.05 0.00	23.46 0.05 0.00	23.37 0.07 0.00	25.12 0.08 0.00	26.34 0.08 0.00	25.93 0.08 0.00	27.45 0.05 0.00	31.43 0.09 0.00	35.77 0.14 0.00	38.72 0.15 0.00	37.82 0.15 0.00	36.23 0.14 0.00	31.14 0.06 0.00	27.91 0.06 0.00	23.80 0.05 0.00
WESTERN_NY_WIND 24143	18.08 -1.19 -0.11	17.78 -1.27 -0.06	16.62 -1.12 0.00	16.30 -1.06 0.00	16.70 -1.07 0.00	19.67 -1.19 0.00	24.45 -1.26 0.00	26.09 -1.20 0.00	24.47 -0.99 0.04	23.69 -0.68 0.00	22.69 -0.73 0.00	22.53 -0.77 0.00	24.15 -0.85 0.04	24.93 -1.13 0.21	24.39 -1.29 0.18	25.40 -1.59 0.41	29.02 -1.41 0.91	32.64 -1.50 1.49	34.04 -1.81 2.70	34.19 -1.70 1.79	32.01 -1.77 2.31	28.78 -1.40 0.89	26.81 -0.78 0.27	22.97 -0.78 0.00
WESTOVER___LESR 323668	19.48 -0.19 -0.52	19.02 -0.23 -0.26	17.56 -0.18 0.00	17.17 -0.19 0.00	17.61 -0.16 0.00	20.65 -0.21 0.00	25.56 -0.15 0.00	27.23 -0.05 0.00	25.44 -0.05 0.01	24.37 0.00 0.00	23.39 -0.02 0.00	23.28 -0.02 0.00	25.00 -0.03 0.01	26.10 -0.11 0.06	25.70 -0.10 0.05	27.12 -0.16 0.11	31.14 0.06 0.26	35.20 0.00 0.42	37.56 -0.04 0.96	37.13 -0.04 0.51	35.40 0.00 0.68	30.67 -0.16 0.25	27.75 -0.03 0.08	23.75 0.00 0.00
WETHRSFD_WT_PWR 323626	17.82 -1.44 -0.10	17.55 -1.50 -0.06	16.44 -1.29 0.00	16.09 -1.27 0.00	16.51 -1.26 0.00	19.33 -1.52 0.00	24.06 -1.65 0.00	25.57 -1.72 0.00	23.99 -1.48 0.03	23.20 -1.17 0.00	22.25 -1.17 0.00	22.09 -1.21 0.00	23.61 -1.40 0.03	24.60 -1.50 0.17	24.37 -1.35 0.14	24.88 -2.19 0.33	28.38 -2.22 0.74	32.03 -2.39 1.21	33.10 -2.62 2.83	33.62 -2.60 1.45	31.25 -2.38 2.45	28.36 -1.99 0.72	26.38 -1.25 0.22	22.80 -0.95 0.00
WHAVSTOR_138KV_BK127 55557	21.83 0.77 -1.91	20.68 0.74 -0.95	18.43 0.69 0.00	18.02 0.66 0.00	18.41 0.64 0.00	21.54 0.69 0.00	26.45 0.75 0.00	28.41 1.12 0.00	26.72 1.17 -0.04	25.47 1.10 0.00	24.56 1.15 0.00	24.49 1.19 0.00	26.34 1.30 0.00	27.71 1.44 0.00	27.35 1.50 0.00	29.01 1.62 0.00	33.44 2.10 0.00	37.91 2.28 0.00	41.03 2.47 0.00	40.01 2.34 0.00	38.18 2.09 0.00	32.44 1.37 0.00	29.00 1.14 0.00	24.68 0.93 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.83 0.77 -1.91	20.68 0.74 -0.95	18.43 0.69 0.00	18.02 0.66 0.00	18.41 0.64 0.00	21.54 0.69 0.00	26.45 0.75 0.00	28.41 1.12 0.00	26.72 1.17 -0.04	25.47 1.10 0.00	24.56 1.15 0.00	24.49 1.19 0.00	26.34 1.30 0.00	27.71 1.44 0.00	27.35 1.50 0.00	29.01 1.62 0.00	33.44 2.10 0.00	37.91 2.28 0.00	41.03 2.47 0.00	40.01 2.34 0.00	38.18 2.09 0.00	32.44 1.37 0.00	29.00 1.14 0.00	24.68 0.93 0.00
WHITEHAL_115KV_TB1 80871	23.31 1.51 -2.64	21.80 1.50 -1.32	19.10 1.37 0.00	18.68 1.32 0.00	19.15 1.39 0.00	22.63 1.77 0.00	28.00 2.29 0.00	29.85 2.57 0.00	28.35 2.50 -0.35	26.59 2.22 0.00	25.34 1.92 0.00	25.09 1.79 0.00	27.04 2.00 0.00	28.26 2.00 0.00	27.82 1.96 0.00	29.56 2.16 0.00	34.19 2.85 0.00	39.30 3.67 0.00	42.65 4.09 0.00	41.66 3.99 0.00	40.23 4.15 0.00	34.18 3.11 0.00	30.50 2.65 0.00	25.99 2.23 0.00
WHITEPLN_13_KV_LOAD 356215	22.23 1.05 -2.02	21.02 1.03 -1.01	18.67 0.94 0.00	18.26 0.90 0.00	18.66 0.89 0.00	21.83 0.98 0.00	26.87 1.16 0.00	28.87 1.58 0.00	27.18 1.63 -0.05	25.96 1.58 0.00	25.01 1.59 0.00	24.95 1.65 0.00	26.89 1.85 0.00	28.29 2.02 0.00	27.92 2.07 0.00	29.59 2.19 0.00	34.16 2.82 0.00	38.73 3.10 0.00	41.92 3.35 0.00	40.87 3.20 0.00	38.97 2.89 0.00	33.06 1.99 0.00	29.53 1.67 0.00	25.11 1.35 0.00
WM_FLOYD_69_KV_BK2 356380	22.79 1.42 -2.21	21.35 1.35 -1.01	18.96 1.22 0.00	18.47 1.11 0.00	18.91 1.14 0.00	22.19 1.33 0.00	26.89 1.18 0.00	28.95 1.66 0.00	27.26 1.71 -0.05	25.81 1.44 0.00	25.08 1.66 0.00	26.44 1.79 -1.35	26.84 1.80 0.00	29.30 2.02 -1.01	32.01 2.09 -4.06	34.27 2.30 -4.57	37.90 3.01 -3.55	46.17 3.60 -6.95	45.04 3.89 -2.58	44.28 3.65 -2.96	40.26 3.25 -0.93	36.11 2.18 -2.86	29.64 1.78 0.00	25.20 1.45 0.00
WOODARD__115KV_TB2 355635	19.11 -0.21 -0.16	18.82 -0.25 -0.08	17.52 -0.21 0.00	17.15 -0.21 0.00	17.57 -0.20 0.00	20.63 -0.23 0.00	25.56 -0.15 0.00	26.99 -0.30 0.00	25.19 -0.31 0.01	24.10 -0.27 0.00	23.14 -0.28 0.00	23.04 -0.26 0.00	24.75 -0.28 0.01	25.92 -0.29 0.06	25.49 -0.31 0.05	26.93 -0.36 0.12	30.80 -0.28 0.26	34.88 -0.32 0.42	37.67 -0.35 0.55	36.82 -0.34 0.51	35.27 -0.36 0.45	30.45 -0.37 0.25	27.50 -0.28 0.08	23.47 -0.29 0.00
YORK___WARBASSE 23770	22.28 1.09 -2.03	21.04 1.04 -1.01	18.66 0.92 0.00	18.26 0.90 0.00	18.60 0.84 0.00	21.77 0.92 0.00	26.76 1.05 0.00	28.84 1.56 0.00	27.29 1.68 -0.10	31.14 1.68 -5.08	38.46 1.73 -13.31	38.76 1.77 -13.69	39.12 1.98 -12.10	39.94 2.10 -11.58	45.52 2.17 -17.50	39.12 2.30 -9.42	54.41 2.95 -20.13	46.96 3.24 -8.10	42.13 3.51 -0.06	41.24 3.32 -0.25	43.38 2.99 -4.31	42.64 2.02 -9.55	39.09 1.73 -9.51	25.14 1.38 -0.01