

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses														--- Marginal Cost of Congestion										08/02/2023	
Generator Data																											
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	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
	24.00	21.95	19.74	19.05	18.45	19.55	22.79	22.94	24.75	23.30	23.76	25.72	26.71	29.55	30.23	31.58	37.22	40.08	38.83	34.11	32.20	29.89	26.24	23.61			
	1.61	1.32	1.19	1.16	1.08	1.12	1.47	1.78	2.04	1.98	1.92	2.10	2.16	2.35	2.22	2.68	3.15	3.41	3.14	2.23	2.11	2.09	1.97	1.75			
74TH STREET_GT_1 24260	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
	24.02	21.97	19.78	19.07	18.45	19.55	22.79	22.94	24.75	23.30	23.75	25.70	26.69	29.55	30.51	31.61	37.19	40.08	38.83	34.07	32.17	30.14	26.31	23.63			
	1.63	1.34	1.22	1.18	1.08	1.12	1.47	1.78	2.04	1.98	1.92	2.08	2.13	2.35	2.49	2.71	3.12	3.41	3.14	2.20	2.08	2.34	2.04	1.77			
74TH STREET_GT_2 24261	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
	24.02	21.97	19.78	19.07	18.45	19.55	22.79	22.94	24.75	23.30	23.75	25.70	26.69	29.55	30.51	31.61	37.19	40.08	38.83	34.07	32.17	30.14	26.31	23.63			
	1.63	1.34	1.22	1.18	1.08	1.12	1.47	1.78	2.04	1.98	1.92	2.08	2.13	2.35	2.49	2.71	3.12	3.41	3.14	2.20	2.08	2.34	2.04	1.77			
ADK HUDSON___FALLS 24011	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
	24.00	22.01	19.82	19.05	18.52	19.68	22.99	22.89	24.55	22.92	23.41	25.32	26.15	28.69	29.43	30.27	35.41	38.73	38.62	34.58	32.83	30.31	26.36	23.82			
	1.61	1.38	1.26	1.16	1.15	1.25	1.55	1.68	1.84	1.60	1.57	1.70	1.74	1.92	2.05	2.11	2.58	2.90	2.93	2.71	2.74	2.50	2.09	1.71			
ADK RESOURCE___RCVRY 23798	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
	24.13	22.13	19.87	19.14	18.61	19.77	23.14	23.06	24.73	23.07	23.58	25.49	26.32	28.88	28.87	29.79	34.85	38.16	38.05	34.07	32.38	29.83	26.55	23.96			
	1.75	1.51	1.32	1.25	1.23	1.34	1.70	1.85	2.02	1.75	1.75	1.87	1.91	2.11	1.50	1.63	2.01	2.32	2.36	2.20	2.29	2.03	2.28	1.86			
ADK S GLENS___FALLS 24028	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
	24.00	22.01	19.82	19.05	18.52	19.68	22.99	22.89	24.55	22.92	23.41	25.32	26.15	28.69	29.43	30.27	35.41	38.73	38.62	34.58	32.83	30.31	26.36	23.82			
	1.61	1.38	1.26	1.16	1.15	1.25	1.55	1.68	1.84	1.60	1.57	1.70	1.74	1.92	2.05	2.11	2.58	2.90	2.93	2.71	2.74	2.50	2.09	1.71			
ADK_NYS___DAM 23527	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
	23.68	21.78	19.67	18.94	18.40	19.51	22.70	22.48	24.09	22.47	22.95	24.75	25.48	27.85	28.20	29.23	33.91	37.31	37.58	33.44	31.66	29.22	25.68	23.39			
	1.30	1.15	1.11	1.05	1.02	1.09	1.28	1.28	1.39	1.15	1.11	1.13	1.15	1.32	1.19	1.48	1.77	1.96	1.89	1.56	1.56	1.42	1.41	1.33			
AIR_PRODUCTS___DRP 24190	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
	22.83	21.00	18.93	18.22	17.69	18.77	21.86	21.73	23.32	21.81	22.25	24.05	24.89	27.34	28.03	28.90	33.77	36.84	36.58	32.54	30.79	28.56	24.88	22.62			
	0.45	0.37	0.37	0.34	0.31	0.35	0.44	0.52	0.61	0.49	0.41	0.43	0.47	0.54	0.61	0.69	0.84	0.94	0.89	0.67	0.69	0.75	0.61	0.55			
AKWESSNE_115KV_BK 355683	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
	21.94	20.34	18.28	17.63	17.12	18.15	20.67	20.69	22.32	20.91	21.35	23.01	23.93	26.36	27.11	27.94	32.81	35.56	34.98	31.27	29.55	27.22	23.71	20.71			
	-0.45	-0.29	-0.28	-0.25	-0.26	-0.28	-0.31	-0.29	-0.39	-0.41	-0.48	-0.61	-0.56	-0.65	-0.61	-0.63	-0.70	-0.73	-0.71	-0.61	-0.54	-0.58	-0.56	-0.40			
ALBANY___1 23571	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
	22.83	21.00	18.93	18.22	17.69	18.77	21.86	21.73	23.32	21.81	22.25	24.05	24.89	27.34	28.03	28.90	33.77	36.84	36.58	32.54	30.79	28.56	24.88	22.62			
	0.45	0.37	0.37	0.34	0.31	0.35	0.44	0.52	0.61	0.49	0.41	0.43	0.47	0.54	0.61	0.69	0.84	0.94	0.89	0.67	0.69	0.75	0.61	0.55			
ALBANY___2 23572	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
	22.83	21.00	18.93	18.22	17.69	18.77	21.86	21.73	23.32	21.81	22.25	24.05	24.89	27.34	28.03	28.90	33.77	36.84	36.58	32.54	30.79	28.56	24.88	22.62			
	0.45	0.37	0.37	0.34	0.31	0.35	0.44	0.52	0.61	0.49	0.41	0.43	0.47	0.54	0.61	0.69	0.84	0.94	0.89	0.67	0.69	0.75	0.61	0.55			
ALBANY___3 23573	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
	22.83	21.00	18.93	18.22	17.69	18.77	21.86	21.73	23.32	21.81	22.25	24.05	24.89	27.34	28.03	28.90	33.77	36.84	36.58	32.54	30.79	28.56	24.88	22.62			
	0.45	0.37	0.37	0.34	0.31	0.35	0.44	0.52	0.61	0.49	0.41	0.43	0.47	0.54	0.61	0.69	0.84	0.94	0.89	0.67	0.69	0.75	0.61	0.55			

ALBANY___4 23574	22.83 0.45 0.00	21.00 0.37 0.00	18.93 0.37 0.00	18.22 0.34 0.00	17.69 0.31 0.00	18.77 0.35 0.00	21.86 0.44 -0.44	21.73 0.52 -0.22	23.32 0.61 0.00	21.81 0.49 0.00	22.25 0.41 0.00	24.05 0.43 0.00	24.89 0.47 0.07	27.34 0.54 0.20	28.03 0.61 0.30	28.90 0.69 0.35	33.77 0.84 0.58	36.84 0.94 0.39	36.58 0.89 0.00	32.54 0.67 0.00	30.79 0.69 0.00	28.56 0.75 0.00	24.88 0.61 0.00	22.62 0.55 -0.96
ALBANY___LFGE 323615	23.06 0.67 0.00	21.19 0.56 0.00	19.09 0.54 0.00	18.39 0.50 0.00	17.86 0.49 0.00	18.94 0.52 0.00	22.08 0.65 -0.45	21.96 0.75 -0.22	23.55 0.84 0.00	22.02 0.70 0.00	22.49 0.65 0.00	24.31 0.69 0.00	25.15 0.73 0.08	27.63 0.84 0.22	28.15 0.75 0.32	29.13 0.94 0.37	34.06 1.17 0.62	37.17 1.30 0.42	36.94 1.25 0.00	32.86 0.99 0.00	31.08 0.99 0.00	28.69 0.89 0.00	25.12 0.85 0.00	22.84 0.76 -0.97
ALCOA_PA_115KV_PL-6C 55860	21.96 -0.43 0.00	20.38 -0.25 0.00	18.30 -0.26 0.00	17.67 -0.21 0.00	17.13 -0.24 0.00	18.18 -0.24 0.00	20.67 -0.31 0.00	20.73 -0.25 0.00	22.34 -0.36 0.00	20.91 -0.41 0.00	21.31 -0.52 0.00	22.96 -0.66 0.00	23.88 -0.61 0.00	26.30 -0.70 0.00	27.08 -0.64 0.00	27.88 -0.69 0.00	32.74 -0.77 0.00	35.53 -0.76 0.00	34.94 -0.75 0.00	31.24 -0.64 0.00	29.52 -0.57 0.00	27.19 -0.61 0.00	23.71 -0.56 0.00	20.73 -0.38 0.00
ALCOA_RYNLDS___DRP 24188	21.96 -0.43 0.00	20.38 -0.25 0.00	18.30 -0.26 0.00	17.67 -0.21 0.00	17.13 -0.24 0.00	18.18 -0.24 0.00	20.67 -0.31 0.00	20.73 -0.25 0.00	22.34 -0.36 0.00	20.91 -0.41 0.00	21.31 -0.52 0.00	22.96 -0.66 0.00	23.88 -0.61 0.00	26.30 -0.70 0.00	27.08 -0.64 0.00	27.88 -0.69 0.00	32.74 -0.77 0.00	35.53 -0.76 0.00	34.94 -0.75 0.00	31.24 -0.64 0.00	29.52 -0.57 0.00	27.19 -0.61 0.00	23.71 -0.56 0.00	20.73 -0.38 0.00
ALCOA___DSASP 323711	21.96 -0.43 0.00	20.38 -0.25 0.00	18.31 -0.24 0.00	17.67 -0.21 0.00	17.13 -0.24 0.00	18.18 -0.24 0.00	20.67 -0.31 0.00	20.73 -0.25 0.00	22.34 -0.36 0.00	20.91 -0.41 0.00	21.31 -0.52 0.00	22.96 -0.66 0.00	23.88 -0.61 0.00	26.30 -0.70 0.00	27.03 -0.69 0.00	27.88 -0.69 0.00	32.74 -0.77 0.00	35.52 -0.76 0.00	34.94 -0.75 0.00	31.24 -0.64 0.00	29.52 -0.57 0.00	27.17 -0.64 0.00	23.71 -0.56 0.00	20.73 -0.38 0.00
ALLEGHENY___COGEN 23514	23.62 1.23 0.00	21.48 0.85 0.00	19.24 0.69 0.00	18.53 0.64 0.00	18.04 0.66 0.00	19.20 0.77 0.00	21.69 0.65 -0.06	21.28 0.27 -0.03	22.73 0.02 0.00	21.34 0.02 0.00	22.20 0.37 0.00	24.35 0.73 0.00	25.15 0.66 0.00	27.63 0.62 0.00	28.64 0.91 0.00	29.02 0.46 0.00	33.88 0.37 0.00	36.98 0.69 0.00	36.83 1.14 0.00	33.98 2.10 0.00	32.02 1.93 0.00	29.86 2.06 0.00	25.92 1.65 0.00	22.24 1.01 -0.12
ALTAMONT_115KV_TB 2 55880	23.17 0.78 0.00	21.29 0.66 0.00	19.17 0.61 0.00	18.48 0.59 0.00	17.95 0.57 0.00	19.03 0.61 0.00	22.16 0.73 -0.44	22.02 0.82 -0.22	23.61 0.91 0.00	22.11 0.79 0.00	22.58 0.74 0.00	24.42 0.80 0.00	25.27 0.83 0.05	27.78 0.92 0.14	28.51 1.00 0.21	29.40 1.09 0.25	34.41 1.31 0.41	37.42 1.42 0.28	37.08 1.39 0.00	32.99 1.12 0.00	31.18 1.08 0.00	28.92 1.11 0.00	25.22 0.95 0.00	22.91 0.84 -0.96
ALTONA_WT_PWR 323606	22.68 0.29 0.00	21.02 0.39 0.00	18.80 0.24 0.00	18.14 0.25 0.00	17.59 0.21 0.00	18.68 0.26 0.00	21.36 0.38 0.00	21.44 0.46 0.00	23.16 0.45 0.00	21.68 0.36 0.00	22.12 0.28 0.00	23.72 0.09 0.00	24.69 0.20 0.00	27.33 0.33 0.00	28.14 0.42 0.00	28.99 0.43 0.00	34.05 0.53 0.00	36.98 0.69 0.00	36.44 0.75 0.00	32.61 0.73 0.00	30.79 0.69 0.00	28.22 0.42 0.00	24.42 0.15 0.00	21.26 0.15 0.00
AMERICAN_REF_FUEL 24010	22.16 -0.22 0.00	20.09 -0.54 0.00	18.15 -0.41 0.00	17.40 -0.48 0.00	17.06 -0.31 0.00	18.00 -0.42 0.00	20.19 -0.84 -0.05	19.96 -1.05 -0.02	21.59 -1.11 0.00	20.53 -0.79 0.00	21.64 -0.20 0.00	23.55 -0.07 0.00	24.34 -0.15 0.00	26.84 -0.16 0.00	27.94 0.22 0.00	27.88 -0.69 0.00	32.20 -1.31 0.00	34.73 -1.56 0.00	34.05 -1.64 0.00	31.27 -0.61 0.00	29.22 -0.87 0.00	27.69 -0.11 0.00	24.00 -0.27 0.00	20.67 -0.55 -0.11
ARKWRIGHT___SUMMIT_WT_PWR 323751	23.28 0.90 0.00	21.10 0.47 0.00	18.96 0.41 0.00	18.26 0.38 0.00	17.81 0.43 0.00	18.92 0.50 0.00	21.10 0.06 -0.06	21.22 0.21 -0.03	22.98 0.27 0.00	21.91 0.60 0.00	23.06 1.22 0.00	25.06 1.44 0.00	26.01 1.52 0.00	28.65 1.65 0.00	29.77 2.05 0.00	29.85 1.29 0.00	34.55 1.04 0.00	37.27 0.98 0.00	36.55 0.86 0.00	33.47 1.59 0.00	31.18 1.08 0.00	29.39 1.58 0.00	25.39 1.12 0.00	21.59 0.36 -0.12
ARTHUR_KILL_GT_1 23520	24.02 1.63 0.00	21.91 1.28 0.00	19.71 1.15 0.00	18.99 1.11 0.00	18.33 0.96 0.00	19.31 0.88 0.00	22.50 1.17 -0.35	22.70 1.55 -0.16	24.49 1.79 0.01	23.10 1.79 0.01	23.53 1.70 0.01	25.48 1.87 0.01	26.46 1.91 -0.06	29.30 2.11 -0.19	30.00 2.00 -0.28	31.43 2.54 -0.33	36.98 2.91 -0.55	39.89 3.23 -0.37	38.68 3.00 0.01	33.75 1.88 0.01	31.92 1.84 0.01	29.71 1.92 0.01	26.24 1.97 0.00	23.59 1.73 -0.75
ARTHUR_KILL_2 23512	23.95 1.57 0.00	21.85 1.22 0.00	19.65 1.09 0.00	18.94 1.05 0.00	18.30 0.92 0.00	19.25 0.83 0.00	22.44 1.11 -0.35	22.63 1.49 -0.16	24.45 1.75 0.01	23.04 1.73 0.01	23.46 1.64 0.01	25.41 1.79 0.01	26.39 1.84 -0.06	29.22 2.03 -0.19	29.89 1.89 -0.28	31.32 2.43 -0.33	36.85 2.78 -0.55	39.74 3.08 -0.37	38.54 2.86 0.01	33.65 1.78 0.01	31.83 1.74 0.01	29.63 1.83 0.01	26.14 1.87 0.00	23.52 1.67 -0.75
ARTHUR_KILL_3 23513	23.75 1.37 0.00	21.72 1.09 0.00	19.56 1.00 0.00	18.87 0.98 0.00	18.28 0.90 0.00	19.34 0.92 0.00	22.56 1.24 -0.35	22.68 1.53 -0.17	24.48 1.77 0.00	23.04 1.73 0.00	23.49 1.66 0.00	25.44 1.82 0.00	26.42 1.86 -0.07	29.20 2.00 -0.19	29.81 1.80 -0.29	31.19 2.29 -0.34	36.72 2.65 -0.56	39.57 2.90 -0.38	38.33 2.64 0.00	33.63 1.75 0.00	31.81 1.71 0.00	29.56 1.75 0.00	25.99 1.72 0.00	23.40 1.54 -0.75
ARTHUR_KILL_COGEN 323718	24.02 1.63 0.00	21.91 1.28 0.00	19.71 1.15 0.00	18.99 1.11 0.00	18.33 0.96 0.00	19.31 0.88 0.00	22.50 1.17 -0.35	22.70 1.55 -0.16	24.49 1.79 0.01	23.10 1.79 0.01	23.53 1.70 0.01	25.48 1.87 0.01	26.46 1.91 -0.06	29.30 2.11 -0.19	30.00 2.00 -0.28	31.43 2.54 -0.33	36.98 2.91 -0.55	39.89 3.23 -0.37	38.68 3.00 0.01	33.75 1.88 0.01	31.92 1.84 0.01	29.71 1.92 0.01	26.24 1.97 0.00	23.59 1.73 -0.75
ASHOKAN____ 23654	23.35 0.96 0.00	21.37 0.74 0.00	19.28 0.72 0.00	18.56 0.68 0.00	18.05 0.68 0.00	19.14 0.72 0.00	21.73 0.36 -0.39	21.99 0.82 -0.20	23.59 0.88 0.00	21.98 0.66 0.00	22.49 0.65 0.00	24.26 0.64 0.00	25.84 1.35 0.00	28.54 1.54 0.00	29.19 1.47 0.00	30.31 1.74 0.00	35.76 2.25 0.00	38.90 2.61 0.00	37.41 1.71 0.00	33.24 1.37 0.00	31.48 1.39 0.00	29.11 1.31 0.00	25.36 1.09 0.00	22.36 0.40 -0.85

ASTORIA_EAST_ENERGY_CC1 323581	24.01 1.61 -0.01	21.96 1.32 -0.01	19.75 1.19 -0.01	19.09 1.20 -0.01	18.45 1.08 0.00	19.42 0.99 0.00	22.54 1.22 -0.35	22.81 1.66 -0.17	24.48 1.77 0.00	23.08 1.77 0.01	23.51 1.68 0.00	25.49 1.87 0.00	26.41 1.86 -0.06	29.39 2.19 -0.19	30.06 2.05 -0.29	31.42 2.51 -0.34	36.78 2.71 -0.55	39.82 3.16 -0.38	38.58 2.89 0.00	33.59 1.72 0.01	31.81 1.71 0.00	29.72 1.92 0.00	26.32 2.04 -0.01	23.64 1.77 -0.76
ASTORIA_EAST_ENERGY_CC2 323582	24.01 1.61 -0.01	21.96 1.32 -0.01	19.75 1.19 -0.01	19.09 1.20 -0.01	18.45 1.08 0.00	19.42 0.99 0.00	22.54 1.22 -0.35	22.81 1.66 -0.17	24.48 1.77 0.00	23.08 1.77 0.01	23.51 1.68 0.00	25.49 1.87 0.00	26.41 1.86 -0.06	29.39 2.19 -0.19	30.06 2.05 -0.29	31.42 2.51 -0.34	36.78 2.71 -0.55	39.82 3.16 -0.38	38.58 2.89 0.00	33.59 1.72 0.01	31.81 1.71 0.00	29.72 1.92 0.00	26.32 2.04 -0.01	23.64 1.77 -0.76
ASTORIA_GT2_1 24094	24.01 1.61 -0.01	21.96 1.32 -0.01	19.79 1.22 -0.01	19.09 1.20 -0.01	18.47 1.09 0.00	19.44 1.01 0.00	22.54 1.22 -0.35	22.81 1.66 -0.17	24.50 1.79 0.00	23.11 1.79 0.00	23.54 1.70 0.00	25.51 1.89 0.00	26.44 1.89 -0.07	29.39 2.19 -0.19	30.42 2.41 -0.29	31.45 2.54 -0.34	36.82 2.75 -0.56	39.83 3.16 -0.38	38.58 2.89 0.00	33.60 1.72 0.00	31.84 1.75 0.00	30.14 2.34 0.00	26.34 2.06 -0.01	23.66 1.79 -0.76
ASTORIA_GT2_2 24095	24.01 1.61 -0.01	21.96 1.32 -0.01	19.79 1.22 -0.01	19.09 1.20 -0.01	18.47 1.09 0.00	19.44 1.01 0.00	22.54 1.22 -0.35	22.81 1.66 -0.17	24.50 1.79 0.00	23.11 1.79 0.00	23.54 1.70 0.00	25.51 1.89 0.00	26.44 1.89 -0.07	29.39 2.19 -0.19	30.42 2.41 -0.29	31.45 2.54 -0.34	36.82 2.75 -0.56	39.83 3.16 -0.38	38.58 2.89 0.00	33.60 1.72 0.00	31.84 1.75 0.00	30.14 2.34 0.00	26.34 2.06 -0.01	23.66 1.79 -0.76
ASTORIA_GT2_3 24096	24.01 1.61 -0.01	21.96 1.32 -0.01	19.79 1.22 -0.01	19.09 1.20 -0.01	18.47 1.09 0.00	19.44 1.01 0.00	22.54 1.22 -0.35	22.81 1.66 -0.17	24.50 1.79 0.00	23.11 1.79 0.00	23.54 1.70 0.00	25.51 1.89 0.00	26.44 1.89 -0.07	29.39 2.19 -0.19	30.42 2.41 -0.29	31.45 2.54 -0.34	36.82 2.75 -0.56	39.83 3.16 -0.38	38.58 2.89 0.00	33.60 1.72 0.00	31.84 1.75 0.00	30.14 2.34 0.00	26.34 2.06 -0.01	23.66 1.79 -0.76
ASTORIA_GT2_4 24097	24.01 1.61 -0.01	21.96 1.32 -0.01	19.79 1.22 -0.01	19.09 1.20 -0.01	18.47 1.09 0.00	19.44 1.01 0.00	22.54 1.22 -0.35	22.81 1.66 -0.17	24.50 1.79 0.00	23.11 1.79 0.00	23.54 1.70 0.00	25.51 1.89 0.00	26.44 1.89 -0.07	29.39 2.19 -0.19	30.42 2.41 -0.29	31.45 2.54 -0.34	36.82 2.75 -0.56	39.83 3.16 -0.38	38.58 2.89 0.00	33.60 1.72 0.00	31.84 1.75 0.00	30.14 2.34 0.00	26.34 2.06 -0.01	23.66 1.79 -0.76
ASTORIA_GT3_1 24098	24.01 1.61 -0.01	21.96 1.32 -0.01	19.79 1.22 -0.01	19.09 1.20 -0.01	18.47 1.09 0.00	19.44 1.01 0.00	22.54 1.22 -0.35	22.81 1.66 -0.17	24.50 1.79 0.00	23.11 1.79 0.00	23.54 1.70 0.00	25.51 1.89 0.00	26.44 1.89 -0.07	29.39 2.19 -0.19	30.42 2.41 -0.29	31.45 2.54 -0.34	36.82 2.75 -0.56	39.83 3.16 -0.38	38.58 2.89 0.00	33.60 1.72 0.00	31.84 1.75 0.00	30.14 2.34 0.00	26.34 2.06 -0.01	23.66 1.79 -0.76
ASTORIA_GT3_2 24099	24.01 1.61 -0.01	21.96 1.32 -0.01	19.79 1.22 -0.01	19.09 1.20 -0.01	18.47 1.09 0.00	19.4																		

ASTORIA_GT_10 24110	23.95 1.57 0.00	21.91 1.28 0.00	19.72 1.17 0.00	19.01 1.13 0.00	18.40 1.03 0.00	19.44 1.01 0.00	22.63 1.30 -0.35	22.81 1.66 -0.17	24.59 1.88 0.00	23.17 1.85 0.00	23.60 1.77 0.00	25.56 1.94 0.00	26.52 1.96 -0.07	29.39 2.19 -0.19	30.39 2.38 -0.29	31.48 2.57 -0.34	36.92 2.85 -0.56	39.83 3.16 -0.38	38.58 2.89 0.00	33.76 1.88 0.00	31.93 1.84 0.00	30.03 2.22 0.00	26.24 1.97 0.00	23.57 1.71 -0.75
ASTORIA_GT_11 24225	23.95 1.57 0.00	21.91 1.28 0.00	19.72 1.17 0.00	19.01 1.13 0.00	18.40 1.03 0.00	19.44 1.01 0.00	22.63 1.30 -0.35	22.81 1.66 -0.17	24.59 1.88 0.00	23.17 1.85 0.00	23.60 1.77 0.00	25.56 1.94 0.00	26.52 1.96 -0.07	29.39 2.19 -0.19	30.39 2.38 -0.29	31.48 2.57 -0.34	36.92 2.85 -0.56	39.83 3.16 -0.38	38.58 2.89 0.00	33.76 1.88 0.00	31.93 1.84 0.00	30.03 2.22 0.00	26.24 1.97 0.00	23.57 1.71 -0.75
ASTORIA_GT_12 24226	23.95 1.57 0.00	21.91 1.28 0.00	19.72 1.17 0.00	19.01 1.13 0.00	18.40 1.03 0.00	19.44 1.01 0.00	22.63 1.30 -0.35	22.81 1.66 -0.17	24.59 1.88 0.00	23.17 1.85 0.00	23.60 1.77 0.00	25.56 1.94 0.00	26.52 1.96 -0.07	29.39 2.19 -0.19	30.39 2.38 -0.29	31.48 2.57 -0.34	36.92 2.85 -0.56	39.83 3.16 -0.38	38.58 2.89 0.00	33.76 1.88 0.00	31.93 1.84 0.00	30.03 2.22 0.00	26.24 1.97 0.00	23.57 1.71 -0.75
ASTORIA_GT_13 24227	23.95 1.57 0.00	21.91 1.28 0.00	19.72 1.17 0.00	19.01 1.13 0.00	18.40 1.03 0.00	19.44 1.01 0.00	22.63 1.30 -0.35	22.81 1.66 -0.17	24.59 1.88 0.00	23.17 1.85 0.00	23.60 1.77 0.00	25.56 1.94 0.00	26.52 1.96 -0.07	29.39 2.19 -0.19	30.39 2.38 -0.29	31.48 2.57 -0.34	36.92 2.85 -0.56	39.83 3.16 -0.38	38.58 2.89 0.00	33.76 1.88 0.00	31.93 1.84 0.00	30.03 2.22 0.00	26.24 1.97 0.00	23.57 1.71 -0.75
ASTORIA_GT_5 24106	24.05 1.66 -0.01	22.00 1.36 -0.01	19.79 1.22 -0.01	19.13 1.23 -0.01	18.49 1.11 0.00	19.45 1.03 0.00	22.58 1.26 -0.35	22.85 1.70 -0.17	24.54 1.84 0.00	23.14 1.83 0.01	23.58 1.75 0.00	25.56 1.94 0.00	26.49 1.93 -0.06	29.47 2.27 -0.19	30.15 2.13 -0.29	31.51 2.60 -0.34	36.88 2.82 -0.55	39.94 3.27 -0.38	38.69 3.00 0.01	33.65 1.78 0.00	31.90 1.81 0.00	29.81 2.00 0.00	26.37 2.09 -0.01	23.70 1.84 -0.76
ASTORIA_GT_7 24107	24.05 1.66 -0.01	22.00 1.36 -0.01	19.79 1.22 -0.01	19.13 1.23 -0.01	18.49 1.11 0.00	19.45 1.03 0.00	22.58 1.26 -0.35	22.85 1.70 -0.17	24.54 1.84 0.00	23.14 1.83 0.01	23.58 1.75 0.00	25.56 1.94 0.00	26.49 1.93 -0.06	29.47 2.27 -0.19	30.15 2.13 -0.29	31.51 2.60 -0.34	36.88 2.82 -0.55	39.94 3.27 -0.38	38.69 3.00 0.01	33.65 1.78 0.00	31.90 1.81 0.00	29.81 2.00 0.00	26.37 2.09 -0.01	23.70 1.84 -0.76
ASTORIA_GT_8 24108	24.05 1.66 -0.01	22.00 1.36 -0.01	19.81 1.24 -0.01	19.13 1.23 -0.01	18.49 1.11 0.00	19.47 1.05 0.00	22.58 1.26 -0.35	22.85 1.70 -0.17	24.55 1.84 0.00	23.17 1.85 0.00	23.58 1.75 0.00	25.56 1.94 0.00	26.49 1.93 -0.07	29.47 2.27 -0.19	30.51 2.49 -0.29	31.51 2.60 -0.34	36.92 2.85 -0.56	39.93 3.27 -0.38	38.65 2.96 0.00	33.66 1.78 0.00	31.90 1.81 0.00	30.20 2.39 0.00	26.39 2.11 -0.01	23.70 1.84 -0.76
ASTORIA___2 24149	24.01 1.61 -0.01	21.96 1.32 -0.01	19.77 1.21 -0.01	19.09 1.20 -0.01	18.47 1.10 0.00	19.43 1.01 0.00	22.54 1.22 -0.35	22.81 1.66 -0.17	24.50 1.79 0.00	23.10 1.79 0.01	23.54 1.70 0.00	25.51 1.89 0.00	26.44 1.89 -0.06	29.39 2.19 -0.19	30.09 2.08 -0.29	31.45 2.54 -0.34	36.82 2.75 -0.55	39.82 3.16 -0.38	38.58 2.89 0.00	33.59 1.72 0.01	31.84 1.74 0.00	29.75 1.95 0.00	26.32 2.04 -0.01	23.66 1.79 -0.76
ASTORIA___3 23516	23.95 1.57 0.00	21.91 1.28 0.00	19.71 1.15 0.00	19.01 1.13 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.81 1.66 -0.17	24.59 1.88 0.00	23.15 1.83 0.00	23.60 1.77 0.00	25.56 1.94 0.00	26.52 1.96 -0.07	29.39 2.19 -0.19	30.06 2.05 -0.29	31.45 2.54 -0.34	36.92 2.85 -0.56	39.82 3.16 -0.38	38.58 2.89 0.00	33.76 1.88 0.00	31.93 1.84 0.00	29.75 1.95 0.00	26.21 1.94 0.00	23.57 1.71 -0.75
ASTORIA___4 23517	23.95 1.57 0.00	21.91 1.28 0.00	19.72 1.17 0.00	19.01 1.13 0.00	18.40 1.03 0.00	19.44 1.01 0.00	22.63 1.30 -0.35	22.81 1.66 -0.17	24.59 1.88 0.00	23.17 1.85 0.00	23.60 1.77 0.00	25.56 1.94 0.00	26.52 1.96 -0.07	29.39 2.19 -0.19	30.39 2.38 -0.29	31.48 2.57 -0.34	36.92 2.85 -0.56	39.83 3.16 -0.38	38.58 2.89 0.00	33.76 1.88 0.00	31.93 1.84 0.00	30.03 2.22 0.00	26.24 1.97 0.00	23.57 1.71 -0.75
ASTORIA___5 23518	23.95 1.57 0.00	21.91 1.28 0.00	19.71 1.15 0.00	19.01 1.13 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.81 1.66 -0.17	24.59 1.88 0.00	23.15 1.83 0.00	23.60 1.77 0.00	25.56 1.94 0.00	26.52 1.96 -0.07	29.39 2.19 -0.19	30.06 2.05 -0.29	31.45 2.54 -0.34	36.92 2.85 -0.56	39.82 3.16 -0.38	38.58 2.89 0.00	33.76 1.88 0.00	31.93 1.84 0.00	29.75 1.95 0.00	26.21 1.94 0.00	23.57 1.71 -0.75
AST_ENERGY_2_CC3 323677	23.82 1.43 0.00	21.81 1.18 0.00	19.61 1.06 0.00	18.94 1.05 0.00	18.33 0.96 0.00	19.40 0.98 0.00	22.63 1.30 -0.35	22.75 1.59 -0.17	24.54 1.84 0.00	23.09 1.77 0.00	23.54 1.70 0.00	25.46 1.84 0.00	26.44 1.89 -0.07	29.25 2.05 -0.19	29.92 1.91 -0.29	31.24 2.34 -0.34	36.82 2.75 -0.56	39.68 3.01 -0.38	38.44 2.75 0.00	33.76 1.88 0.00	31.93 1.84 0.00	29.64 1.83 0.00	26.07 1.80 0.00	23.46 1.60 -0.75
AST_ENERGY_2_CC4 323678	23.82 1.43 0.00	21.81 1.18 0.00	19.61 1.06 0.00	18.94 1.05 0.00	18.33 0.96 0.00	19.40 0.98 0.00	22.63 1.30 -0.35	22.75 1.59 -0.17	24.54 1.84 0.00	23.09 1.77 0.00	23.54 1.70 0.00	25.46 1.84 0.00	26.44 1.89 -0.07	29.25 2.05 -0.19	29.92 1.91 -0.29	31.24 2.34 -0.34	36.82 2.75 -0.56	39.68 3.01 -0.38	38.44 2.75 0.00	33.76 1.88 0.00	31.93 1.84 0.00	29.64 1.83 0.00	26.07 1.80 0.00	23.46 1.60 -0.75
ATHENS_STG_1 23668	23.35 0.96 0.00	21.43 0.80 0.00	19.30 0.74 0.00	18.60 0.72 0.00	18.05 0.68 0.00	19.12 0.70 0.00	22.25 0.88 -0.39	22.18 1.01 -0.19	23.84 1.13 0.00	22.36 1.04 0.00	22.84 1.00 0.00	24.68 1.06 0.00	25.59 1.08 -0.02	28.28 1.22 -0.06	28.95 1.14 -0.09	30.04 1.37 -0.10	35.33 1.64 -0.17	38.18 1.78 -0.12	37.37 1.68 0.00	33.15 1.28 0.00	31.33 1.23 0.00	28.97 1.17 0.00	25.39 1.12 0.00	22.99 1.03 -0.85
ATHENS_STG_2 23670	23.35 0.96 0.00	21.43 0.80 0.00	19.30 0.74 0.00	18.60 0.72 0.00	18.05 0.68 0.00	19.12 0.70 0.00	22.25 0.88 -0.39	22.18 1.01 -0.19	23.84 1.13 0.00	22.36 1.04 0.00	22.84 1.00 0.00	24.68 1.06 0.00	25.59 1.08 -0.02	28.28 1.22 -0.06	28.95 1.14 -0.09	30.04 1.37 -0.10	35.33 1.64 -0.17	38.18 1.78 -0.12	37.37 1.68 0.00	33.15 1.28 0.00	31.33 1.23 0.00	28.97 1.17 0.00	25.39 1.12 0.00	22.99 1.03 -0.85

ATHENS_STG_3 23677	23.35 0.96 0.00	21.43 0.80 0.00	19.30 0.74 0.00	18.60 0.72 0.00	18.05 0.68 0.00	19.12 0.70 0.00	22.25 0.88 -0.39	22.18 1.01 -0.19	23.84 1.13 0.00	22.36 1.04 0.00	22.84 1.00 0.00	24.68 1.06 0.00	25.59 1.08 -0.02	28.28 1.22 -0.06	28.95 1.14 -0.09	30.04 1.37 -0.10	35.33 1.64 -0.17	38.18 1.78 -0.12	37.37 1.68 0.00	33.15 1.28 0.00	31.33 1.23 0.00	28.97 1.17 0.00	25.39 1.12 0.00	22.99 1.03 -0.85
AUBURN___LFGE 323710	22.77 0.38 0.00	20.88 0.25 0.00	18.74 0.19 0.00	17.97 0.09 0.00	17.48 0.10 0.00	18.55 0.13 0.00	21.23 0.21 -0.04	21.19 0.19 -0.02	22.96 0.25 0.00	21.57 0.26 0.00	22.25 0.41 0.00	24.07 0.45 0.00	24.96 0.47 0.00	28.02 0.62 -0.40	28.78 0.53 -0.53	29.44 0.54 -0.34	34.21 0.54 -0.17	38.27 0.54 -1.44	37.31 0.64 -0.98	33.73 0.80 -1.06	32.12 0.72 -1.31	29.45 0.50 -1.15	24.96 0.46 -0.22	21.51 0.32 -0.09
BABYLON_RES_REC 323704	32.08 2.28 -7.41	22.94 2.00 -0.31	21.73 1.73 -1.45	19.61 1.72 -0.01	19.02 1.63 -0.01	20.08 1.66 0.00	23.48 2.14 -0.36	25.71 2.39 -2.34	26.55 2.66 -1.19	23.54 2.22 0.00	26.01 2.36 -1.82	27.24 2.48 -1.14	27.10 2.52 -0.08	30.32 2.83 -0.49	31.44 2.77 -0.95	33.23 3.26 -1.41	38.00 3.92 -0.57	46.66 4.21 -6.16	46.52 4.00 -6.83	41.66 3.16 -6.63	43.78 3.01 -10.68	38.86 2.86 -8.19	34.07 2.67 -7.13	31.14 2.36 -7.67
BABYLON__69_KV_BK2 356345	32.43 2.64 -7.41	23.25 2.31 -0.31	22.12 2.12 -1.45	19.89 2.00 0.00	19.27 1.89 0.00	20.41 1.99 0.00	23.80 2.45 -0.36	26.05 2.73 -2.34	26.89 3.00 -1.19	23.79 2.47 0.00	26.32 2.66 -1.82	27.62 2.86 -1.14	27.46 2.89 -0.08	30.70 3.21 -0.49	32.11 3.44 -0.95	33.80 3.83 -1.41	38.53 4.46 -0.56	47.28 4.83 -6.16	47.13 4.60 -6.83	42.24 3.73 -6.64	44.29 3.52 -10.68	39.48 3.48 -8.20	34.70 3.06 -7.37	31.48 2.70 -7.67
BARON_WINDS___WT_PWR 323822	22.86 0.47 0.00	20.82 0.19 0.00	18.72 0.17 0.00	18.05 0.16 0.00	17.60 0.23 0.00	18.68 0.26 0.00	20.97 -0.08 -0.07	21.02 0.00 -0.03	22.71 0.00 0.00	21.51 0.19 0.00	22.44 0.61 0.00	24.42 0.80 0.00	25.32 0.83 0.00	27.98 0.89 -0.09	29.03 1.19 -0.12	29.32 0.68 -0.07	34.05 0.50 -0.04	37.08 0.47 -0.32	36.37 0.46 -0.22	33.10 0.99 -0.23	31.07 0.69 -0.29	29.00 0.95 -0.25	24.98 0.66 -0.05	21.43 0.17 -0.15
BARRETT_IC_1 23704	31.67 1.88 -7.41	22.57 1.63 -0.31	21.43 1.43 -1.45	19.32 1.43 -0.01	18.74 1.36 -0.01	19.80 1.38 0.00	23.08 1.74 -0.36	25.26 1.95 -2.33	26.05 2.16 -1.19	23.30 1.98 0.00	25.64 1.99 -1.82	26.77 2.01 -1.14	26.70 2.13 -0.08	29.70 2.21 -0.49	30.78 2.11 -0.95	32.52 2.54 -1.41	37.20 3.12 -0.57	45.79 3.34 -6.16	45.63 3.10 -6.83	40.80 2.30 -6.63	42.97 2.20 -10.68	38.13 2.14 -8.19	33.55 2.26 -7.02	30.76 1.98 -7.67
BARRETT_IC_10 23701	31.67 1.88 -7.41	22.57 1.63 -0.31	21.43 1.43 -1.45	19.32 1.43 -0.01	18.74 1.36 -0.01	19.80 1.38 0.00	23.08 1.74 -0.36	25.26 1.95 -2.33	26.05 2.16 -1.19	23.30 1.98 0.00	25.64 1.99 -1.82	26.77 2.01 -1.14	26.70 2.13 -0.08	29.70 2.21 -0.49	30.78 2.11 -0.95	32.52 2.54 -1.41	37.20 3.12 -0.57	45.79 3.34 -6.16	45.63 3.10 -6.83	40.80 2.30 -6.63	42.97 2.20 -10.68	38.13 2.14 -8.19	33.55 2.26 -7.02	30.76 1.98 -7.67
BARRETT_IC_11 23702	31.67 1.88 -7.41	22.57 1.63 -0.31	21.43 1.43 -1.45	19.32 1.43 -0.01	18.74 1.36 -0.01	19.80 1.38 0.00	23.08 1.74 -0.36	25.26 1.95 -2.33	26.05 2.16 -1.19	23.30 1.98 0.00	25.64 1.99 -1.82	26.77 2.01 -1.14	26.70 2.13 -0.08	29.70 2.21 -0.49	30.78 2.11 -0.95	32.52 2.54 -1.41	37.20 3.12 -0.57	45.79 3.34 -6.16	45.63 3.10 -6.83	40.80 2.30 -6.63	42.97 2.20 -10.68	38.13 2.14 -8.19	33.55 2.26 -7.02	30.76 1.98 -7.67
BARRETT_IC_12 23703	31.67 1.88 -7.41	22.57 1.63 -0.31	21.43 1.43 -1.45	19.32 1.43 -0.01	18.74 1.36 -0.01	19.80 1.38 0.00	23.08 1.74 -0.36	25.26 1.95 -2.33	26.05 2.16 -1.19	23.30 1.98 0.00	25.64 1.99 -1.82	26.77 2.01 -1.14	26.70 2.13 -0.08	29.70 2.21 -0.49	30.78 2.11 -0.95	32.52 2.54 -1.41	37.20 3.12 -0.57	45.79 3.34 -6.16	45.63 3.10 -6.83	40.80 2.30 -6.63	42.97 2.20 -10.68	38.13 2.14 -8.19	33.55 2.26 -7.02	30.76 1.98 -7.67
BARRETT_IC_2 23705	31.67 1.88 -7.41	22.57 1.63 -0.31	21.43 1.43 -1.45	19.32 1.43 -0.01	18.74 1.36 -0.01	19.80 1.38 0.00	23.08 1.74 -0.36	25.26 1.95 -2.33	26.05 2.16 -1.19	23.30 1.98 0.00	25.64 1.99 -1.82	26.77 2.01 -1.14	26.70 2.13 -0.08	29.70 2.21 -0.49	30.78 2.11 -0.95	32.52 2.54 -1.41	37.20 3.12 -0.57	45.79 3.34 -6.16	45.63 3.10 -6.83	40.80 2.30 -6.63	42.97 2.20 -10.68	38.13 2.14 -8.19	33.55 2.26 -7.02	30.76 1.98 -7.67
BARRETT_IC_3 23706	31.67 1.88 -7.41	22.57 1.63 -0.31	21.43 1.43 -1.45	19.32 1.43 -0.01	18.74 1.36 -0.01	19.80 1.38 0.00	23.08 1.74 -0.36	25.26 1.95 -2.33	26.05 2.16 -1.19	23.30 1.98 0.00	25.64 1.99 -1.82	26.77 2.01 -1.14	26.70 2.13 -0.08	29.70 2.21 -0.49	30.78 2.11 -0.95	32.52 2.54 -1.41	37.20 3.12 -0.57	45.79 3.34 -6.16	45.63 3.10 -6.83	40.80 2.30 -6.63	42.97 2.20 -10.68	38.13 2.14 -8.19	33.55 2.26 -7.02	30.76 1.98 -7.67
BARRETT_IC_4 23707	31.67 1.88 -7.41	22.57 1.63 -0.31	21.43 1.43 -1.45	19.32 1.43 -0.01	18.74 1.36 -0.01	19.80 1.38 0.00	23.08 1.74 -0.36	25.26 1.95 -2.33	26.05 2.16 -1.19	23.30 1.98 0.00	25.64 1.99 -1.82	26.77 2.01 -1.14	26.70 2.13 -0.08	29.70 2.21 -0.49	30.78 2.11 -0.95	32.52 2.54 -1.41	37.20 3.12 -0.57	45.79 3.34 -6.16	45.63 3.10 -6.83	40.80 2.30 -6.63	42.97 2.20 -10.68	38.13 2.14 -8.19	33.55 2.26 -7.02	30.76 1.98 -7.67
BARRETT_IC_5 23708	31.67 1.88 -7.41	22.57 1.63 -0.31	21.43 1.43 -1.45	19.32 1.43 -0.01	18.74 1.36 -0.01	19.80 1.38 0.00	23.08 1.74 -0.36	25.26 1.95 -2.33	26.05 2.16 -1.19	23.30 1.98 0.00	25.64 1.99 -1.82	26.77 2.01 -1.14	26.70 2.13 -0.08	29.70 2.21 -0.49	30.78 2.11 -0.95	32.52 2.54 -1.41	37.20 3.12 -0.57	45.79 3.34 -6.16	45.63 3.10 -6.83	40.80 2.30 -6.63	42.97 2.20 -10.68	38.13 2.14 -8.19	33.55 2.26 -7.02	30.76 1.98 -7.67
BARRETT_IC_6 23709	31.67 1.88 -7.41	22.57 1.63 -0.31	21.43 1.43 -1.45	19.32 1.43 -0.01	18.74 1.36 -0.01	19.80 1.38 0.00	23.08 1.74 -0.36	25.26 1.95 -2.33	26.05 2.16 -1.19	23.30 1.98 0.00	25.64 1.99 -1.82	26.77 2.01 -1.14	26.70 2.13 -0.08	29.70 2.21 -0.49	30.78 2.11 -0.95	32.52 2.54 -1.41	37.20 3.12 -0.57	45.79 3.34 -6.16	45.63 3.10 -6.83	40.80 2.30 -6.63	42.97 2.20 -10.68	38.13 2.14 -8.19	33.55 2.26 -7.02	30.76 1.98 -7.67
BARRETT_IC_7 23710	31.67 1.88 -7.41	22.57 1.63 -0.31	21.47 1.47 -1.45	19.33 1.45 0.00	18.73 1.36 0.00	19.84 1.42 0.00	23.08 1.74 -0.36	25.26 1.95 -2.33	26.05 2.16 -1.19	23.32 2.00 0.00	25.64 1.99 -1.82	26.77 2.01 -1.14	26.70 2.13 -0.08	29.70 2.21 -0.49	31.03 2.36 -0.95	32.57 2.60 -1.41	37.19 3.12 -0.56	45.79 3.34 -6.16	45.63 3.11 -6.83	40.80 2.30 -6.63	42.94 2.17 -10.68	38.33 2.34 -8.19	33.57 2.28 -7.02	30.76 1.98 -7.67

BARRETT_IC_8 23711	31.67 1.88 -7.41	22.57 1.63 -0.31	21.43 1.43 -1.45	19.32 1.43 -0.01	18.74 1.36 -0.01	19.80 1.38 0.00	23.08 1.74 -0.36	25.26 1.95 -2.33	26.05 2.16 -1.19	23.30 1.98 0.00	25.64 1.99 -1.82	26.77 2.01 -1.14	26.70 2.13 -0.08	29.70 2.21 -0.49	30.78 2.11 -0.95	32.52 2.54 -1.41	37.20 3.12 -0.57	45.79 3.34 -6.16	45.63 3.10 -6.83	40.80 2.30 -6.63	42.97 2.20 -10.68	38.13 2.14 -8.19	33.55 2.26 -7.02	30.76 1.98 -7.67
BARRETT_IC_9 23700	31.67 1.88 -7.41	22.57 1.63 -0.31	21.43 1.43 -1.45	19.32 1.43 -0.01	18.74 1.36 -0.01	19.80 1.38 0.00	23.08 1.74 -0.36	25.26 1.95 -2.33	26.05 2.16 -1.19	23.30 1.98 0.00	25.64 1.99 -1.82	26.77 2.01 -1.14	26.70 2.13 -0.08	29.70 2.21 -0.49	30.78 2.11 -0.95	32.52 2.54 -1.41	37.20 3.12 -0.57	45.79 3.34 -6.16	45.63 3.10 -6.83	40.80 2.30 -6.63	42.97 2.20 -10.68	38.13 2.14 -8.19	33.55 2.26 -7.02	30.76 1.98 -7.67
BARRETT___1 23545	31.67 1.88 -7.41	22.57 1.63 -0.31	21.43 1.43 -1.45	19.32 1.43 -0.01	18.74 1.36 -0.01	19.80 1.38 0.00	23.08 1.74 -0.36	25.26 1.95 -2.33	26.05 2.16 -1.19	23.30 1.98 0.00	25.64 1.99 -1.82	26.77 2.01 -1.14	26.70 2.13 -0.08	29.70 2.21 -0.49	30.78 2.11 -0.95	32.52 2.54 -1.41	37.20 3.12 -0.57	45.79 3.34 -6.16	45.63 3.10 -6.83	40.80 2.30 -6.63	42.97 2.20 -10.68	38.13 2.14 -8.19	33.55 2.26 -7.02	30.76 1.98 -7.67
BARRETT___2 23546	31.67 1.88 -7.41	22.57 1.63 -0.31	21.43 1.43 -1.45	19.32 1.43 -0.01	18.74 1.36 -0.01	19.80 1.38 0.00	23.08 1.74 -0.36	25.26 1.95 -2.33	26.05 2.16 -1.19	23.30 1.98 0.00	25.64 1.99 -1.82	26.77 2.01 -1.14	26.70 2.13 -0.08	29.70 2.21 -0.49	30.78 2.11 -0.95	32.52 2.54 -1.41	37.20 3.12 -0.57	45.79 3.34 -6.16	45.63 3.10 -6.83	40.80 2.30 -6.63	42.97 2.20 -10.68	38.13 2.14 -8.19	33.55 2.26 -7.02	30.76 1.98 -7.67
BATAVIA___115KV_TB1 55881	22.95 0.56 0.00	20.82 0.19 0.00	18.72 0.17 0.00	18.10 0.21 0.00	17.62 0.24 0.00	18.68 0.26 0.00	21.03 0.00 -0.05	20.84 -0.17 -0.02	22.55 -0.16 0.00	21.36 0.04 0.00	22.51 0.68 0.00	24.54 0.92 0.00	25.35 0.86 0.00	27.89 0.89 0.00	28.03 0.30 0.00	28.76 0.20 0.00	33.48 -0.03 0.00	36.22 -0.07 0.00	35.69 0.00 0.00	32.83 0.96 0.00	30.73 0.63 0.00	27.83 0.03 0.00	24.93 0.66 0.00	21.50 0.30 -0.10
BAYONEEC___CTG1 323682	23.84 1.45 0.00	21.81 1.18 0.00	19.63 1.08 0.00	18.94 1.05 0.00	18.35 0.97 0.00	19.42 0.99 0.00	22.65 1.32 -0.35	22.77 1.62 -0.17	24.57 1.86 0.00	23.13 1.81 0.00	23.56 1.72 0.00	25.51 1.89 0.00	26.49 1.93 -0.07	29.31 2.11 -0.19	29.95 1.94 -0.29	31.27 2.37 -0.34	36.85 2.78 -0.56	39.72 3.05 -0.38	38.48 2.79 0.00	33.79 1.91 0.00	31.96 1.87 0.00	29.67 1.86 0.00	26.09 1.82 0.00	23.48 1.63 -0.75
BAYONEEC___CTG10 323750	23.84 1.45 0.00	21.81 1.18 0.00	19.63 1.08 0.00	18.94 1.05 0.00	18.35 0.97 0.00	19.42 0.99 0.00	22.65 1.32 -0.35	22.77 1.62 -0.17	24.57 1.86 0.00	23.13 1.81 0.00	23.56 1.72 0.00	25.51 1.89 0.00	26.49 1.93 -0.07	29.31 2.11 -0.19	29.95 1.94 -0.29	31.27 2.37 -0.34	36.85 2.78 -0.56	39.72 3.05 -0.38	38.48 2.79 0.00	33.79 1.91 0.00	31.96 1.87 0.00	29.67 1.86 0.00	26.09 1.82 0.00	23.48 1.63 -0.75
BAYONEEC___CTG2 323683	23.84 1.45 0.00	21.81 1.18 0.00	19.63 1.08 0.00	18.94 1.05 0.00	18.35 0.97 0.00	19.42 0.99 0.00	22.65 1.32 -0.35	22.77 1.62 -0.17	24.57 1.86 0.00	23.13 1.81 0.00	23.56 1.72 0.00	25.51 1.89 0.00	26.49 1.93 -0.07	29.31 2.11 -0.19	29.95 1.94 -0.29	31.27 2.37 -0.34	36.85 2.78 -0.56	39.72 3.05 -0.38	38.48 2.79 0.00	33.79 1.91 0.00	31.96 1.87 0.00	29.67 1.86 0.00	26.09 1.82 0.00	23.48 1.63 -0.75
BAYONEEC___CTG3 323684	23.84 1.45 0.00	21.81 1.18 0.00	19.63 1.08 0.00	18.94 1.05 0.00	18.35 0.97 0.00	19.42 0.99 0.00	22.65 1.32 -0.35	22.77 1.62 -0.17	24.57 1.86 0.00	23.13 1.81 0.00	23.56 1.72 0.00	25.51 1.89 0.00	26.49 1.93 -0.07	29.31 2.11 -0.19	29.95 1.94 -0.29	31.27 2.37 -0.34	36.85 2.78 -0.56	39.72 3.05 -0.38	38.48 2.79 0.00	33.79 1.91 0.00	31.96 1.87 0.00	29.67 1.86 0.00	26.09 1.82 0.00	23.48 1.63 -0.75
BAYONEEC___CTG4 323685	23.84 1.45 0.00	21.81 1.18 0.00	19.63 1.08 0.00	18.94 1.05 0.00	18.35 0.97 0.00	19.42 0.99 0.00	22.65 1.32 -0.35	22.77 1.62 -0.17	24.57 1.86 0.00	23.13 1.81 0.00	23.56 1.72 0.00	25.51 1.89 0.00	26.49 1.93 -0.07	29.31 2.11 -0.19	29.95 1.94 -0.29	31.27 2.37 -0.34	36.85 2.78 -0.56	39.72 3.05 -0.38	38.48 2.79 0.00	33.79 1.91 0.00	31.96 1.87 0.00	29.67 1.86 0.00	26.09 1.82 0.00	23.48 1.63 -0.75
BAYONEEC___CTG5 323686	23.84 1.45 0.00	21.81 1.18 0.00	19.63 1.08 0.00	18.94 1.05 0.00	18.35 0.97 0.00	19.42 0.99 0.00	22.65 1.32 -0.35	22.77 1.62 -0.17	24.57 1.86 0.00	23.13 1.81 0.00	23.56 1.72 0.00	25.51 1.89 0.00	26.49 1.93 -0.07	29.31 2.11 -0.19	29.95 1.94 -0.29	31.27 2.37 -0.34	36.85 2.78 -0.56	39.72 3.05 -0.38	38.48 2.79 0.00	33.79 1.91 0.00	31.96 1.87 0.00	29.67 1.86 0.00	26.09 1.82 0.00	23.48 1.63 -0.75
BAYONEEC___CTG6 323687	23.84 1.45 0.00	21.81 1.18 0.00	19.63 1.08 0.00	18.94 1.05 0.00	18.35 0.97 0.00	19.42 0.99 0.00	22.65 1.32 -0.35	22.77 1.62 -0.17	24.57 1.86 0.00	23.13 1.81 0.00	23.56 1.72 0.00	25.51 1.89 0.00	26.49 1.93 -0.07	29.31 2.11 -0.19	29.95 1.94 -0.29	31.27 2.37 -0.34	36.85 2.78 -0.56	39.72 3.05 -0.38	38.48 2.79 0.00	33.79 1.91 0.00	31.96 1.87 0.00	29.67 1.86 0.00	26.09 1.82 0.00	23.48 1.63 -0.75
BAYONEEC___CTG7 323688	23.84 1.45 0.00	21.81 1.18 0.00	19.63 1.08 0.00	18.94 1.05 0.00	18.35 0.97 0.00	19.42 0.99 0.00	22.65 1.32 -0.35	22.77 1.62 -0.17	24.57 1.86 0.00	23.13 1.81 0.00	23.56 1.72 0.00	25.51 1.89 0.00	26.49 1.93 -0.07	29.31 2.11 -0.19	29.95 1.94 -0.29	31.27 2.37 -0.34	36.85 2.78 -0.56	39.72 3.05 -0.38	38.48 2.79 0.00	33.79 1.91 0.00	31.96 1.87 0.00	29.67 1.86 0.00	26.09 1.82 0.00	23.48 1.63 -0.75
BAYONEEC___CTG8 323689	23.84 1.45 0.00	21.81 1.18 0.00	19.63 1.08 0.00	18.94 1.05 0.00	18.35 0.97 0.00	19.42 0.99 0.00	22.65 1.32 -0.35	22.77 1.62 -0.17	24.57 1.86 0.00	23.13 1.81 0.00	23.56 1.72 0.00	25.51 1.89 0.00	26.49 1.93 -0.07	29.31 2.11 -0.19	29.95 1.94 -0.29	31.27 2.37 -0.34	36.85 2.78 -0.56	39.72 3.05 -0.38	38.48 2.79 0.00	33.79 1.91 0.00	31.96 1.87 0.00	29.67 1.86 0.00	26.09 1.82 0.00	23.48 1.63 -0.75
BAYONEEC___CTG9 323749	23.84 1.45 0.00	21.81 1.18 0.00	19.63 1.08 0.00	18.94 1.05 0.00	18.35 0.97 0.00	19.42 0.99 0.00	22.65 1.32 -0.35	22.77 1.62 -0.17	24.57 1.86 0.00	23.13 1.81 0.00	23.56 1.72 0.00	25.51 1.89 0.00	26.49 1.93 -0.07	29.31 2.11 -0.19	29.95 1.94 -0.29	31.27 2.37 -0.34	36.85 2.78 -0.56	39.72 3.05 -0.38	38.48 2.79 0.00	33.79 1.91 0.00	31.96 1.87 0.00	29.67 1.86 0.00	26.09 1.82 0.00	23.48 1.63 -0.75

BEACON___LESR 323632	23.19 0.80 0.00	21.29 0.66 0.00	19.19 0.63 0.00	18.46 0.57 0.00	17.93 0.56 0.00	19.05 0.63 0.00	22.20 0.78 -0.44	22.08 0.88 -0.22	23.70 1.00 0.00	22.15 0.83 0.00	22.62 0.78 0.00	24.47 0.85 0.00	25.30 0.88 0.07	27.74 0.94 0.21	28.29 0.89 0.31	29.26 1.06 0.37	34.24 1.34 0.61	37.40 1.52 0.41	37.19 1.50 0.00	33.09 1.21 0.00	31.33 1.23 0.00	28.89 1.08 0.00	25.29 1.02 0.00	22.93 0.87 -0.96
BEAVER RIVER___HYD 24048	22.54 0.16 0.00	20.79 0.16 0.00	18.69 0.13 0.00	17.99 0.11 0.00	17.51 0.14 0.00	18.57 0.15 0.00	21.14 0.15 -0.01	21.24 0.25 -0.01	22.87 0.16 0.00	21.34 0.02 0.00	21.72 -0.11 0.00	23.57 -0.05 0.00	24.44 -0.05 0.00	27.11 -0.11 -0.22	27.95 -0.06 -0.29	28.55 -0.20 -0.18	33.44 -0.17 -0.09	37.03 -0.04 -0.78	36.37 0.14 -0.53	32.84 0.38 -0.58	31.25 0.45 -0.71	28.71 0.28 -0.62	24.61 0.22 -0.12	21.30 0.17 -0.03
BEEBEE_GT_13 23619	22.63 0.25 0.00	20.61 -0.02 0.00	18.54 -0.02 0.00	17.87 -0.02 0.00	17.38 0.00 0.00	18.44 0.02 0.00	21.02 0.00 -0.04	20.79 -0.21 -0.02	22.52 -0.18 0.00	21.30 -0.02 0.00	22.27 0.44 0.00	24.19 0.57 0.00	25.01 0.51 0.00	27.60 0.59 0.00	27.92 0.19 0.00	28.68 0.11 0.00	33.45 -0.07 0.00	36.18 -0.11 0.00	35.62 -0.07 0.00	32.45 0.57 0.00	30.45 0.36 0.00	27.75 -0.06 0.00	24.63 0.36 0.00	21.40 0.21 -0.09
BENSHRST_27_KV_BENSHRST_1 355998	24.18 1.79 0.00	22.05 1.42 0.00	19.85 1.30 0.00	19.12 1.23 0.00	18.47 1.09 0.00	19.49 1.07 0.00	22.71 1.38 -0.35	22.94 1.78 -0.17	24.75 2.04 0.00	23.37 2.05 0.00	23.78 1.94 0.00	25.77 2.15 0.00	26.76 2.20 -0.07	29.60 2.40 -0.19	30.62 2.61 -0.29	31.76 2.86 -0.34	37.29 3.22 -0.56	40.22 3.56 -0.38	39.01 3.32 0.00	34.07 2.20 0.00	32.20 2.11 0.00	30.28 2.47 0.00	26.46 2.18 0.00	23.73 1.88 -0.75
BETHLEHEM___GRP 23843	22.83 0.45 0.00	21.00 0.37 0.00	18.93 0.37 0.00	18.22 0.34 0.00	17.69 0.31 0.00	18.77 0.35 0.00	21.86 0.44 -0.44	21.73 0.52 -0.22	23.32 0.61 0.00	21.81 0.49 0.00	22.25 0.41 0.00	24.05 0.43 0.00	24.89 0.47 0.07	27.34 0.54 0.20	28.03 0.61 0.30	28.90 0.69 0.35	33.77 0.84 0.58	36.84 0.94 0.39	36.58 0.89 0.00	32.54 0.67 0.00	30.79 0.69 0.00	28.56 0.75 0.00	24.88 0.61 0.00	22.62 0.55 -0.96
BETHLEHEM___GS1 323560	22.83 0.45 0.00	21.00 0.37 0.00	18.91 0.35 0.00	18.22 0.34 0.00	17.69 0.31 0.00	18.75 0.33 0.00	21.87 0.44 -0.44	21.73 0.52 -0.22	23.32 0.61 0.00	21.81 0.49 0.00	22.25 0.41 0.00	24.05 0.43 0.00	24.88 0.46 0.07	27.34 0.54 0.20	27.87 0.44 0.30	28.85 0.63 0.35	33.73 0.80 0.58	36.80 0.91 0.39	36.55 0.86 0.00	32.51 0.64 0.00	30.75 0.66 0.00	28.39 0.58 0.00	24.88 0.61 0.00	22.62 0.55 -0.96
BETHLEHEM___GS2 323561	22.83 0.45 0.00	21.00 0.37 0.00	18.91 0.35 0.00	18.22 0.34 0.00	17.69 0.31 0.00	18.75 0.33 0.00	21.87 0.44 -0.44	21.73 0.52 -0.22	23.32 0.61 0.00	21.81 0.49 0.00	22.25 0.41 0.00	24.05 0.43 0.00	24.88 0.46 0.07	27.34 0.54 0.20	27.87 0.44 0.30	28.85 0.63 0.35	33.73 0.80 0.58	36.80 0.91 0.39	36.55 0.86 0.00	32.51 0.64 0.00	30.75 0.66 0.00	28.39 0.58 0.00	24.88 0.61 0.00	22.62 0.55 -0.96
BETHLEHEM___GS3 323562	22.83 0.45 0.00	21.00 0.37 0.00	18.91 0.35 0.00	18.22 0.34 0.00	17.69 0.31 0.00	18.75 0.33 0.00	21.87 0.44 -0.44	21.73 0.52 -0.22	23.32 0.61 0.00	21.81 0.49 0.00	22.25 0.41 0.00	24.05 0.43 0.00	24.88 0.46 0.07	27.34 0.54 0.20	27.87 0.44 0.30	28.85 0.63 0.35	33.73 0.80 0.58	36.80 0.91 0.39	36.55 0.86 0.00	32.51 0.64 0.00	30.75 0.66 0.00	28.39 0.58 0.00	24.88 0.61 0.00	22.62 0.55 -0.96
BETHLEHEM___STEEL 23779	22.74 0.36 0.00	20.63 0.00 0.00	18.56 0.00 0.00	17.92 0.04 0.00	17.48 0.10 0.00	18.51 0.09 0.00	20.63 -0.40 -0.05	20.67 -0.34 -0.03	22.37 -0.34 0.00	21.25 -0.06 0.00	22.38 0.55 0.00	24.40 0.78 0.00	25.27 0.78 0.00	27.84 0.84 0.00	27.94 0.22 0.00	28.74 0.17 0.00	33.34 -0.17 0.00	36.00 -0.29 0.00	35.34 -0.36 0.00	32.48 0.61 0.00	30.21 0.12 0.00	27.55 -0.25 0.00	24.68 0.41 0.00	21.16 -0.06 -0.12
BETHLHEM_115KV_TB1 79974	22.90 0.51 0.00	21.06 0.43 0.00	18.98 0.43 0.00	18.28 0.39 0.00	17.74 0.36 0.00	18.83 0.41 0.00	21.93 0.50 -0.44	21.79 0.59 -0.22	23.36 0.66 0.00	21.87 0.55 0.00	22.31 0.48 0.00	24.12 0.50 0.00	24.96 0.54 0.07	27.43 0.62 0.19	28.13 0.69 0.28	29.01 0.77 0.33	33.90 0.94 0.55	36.93 1.02 0.37	36.69 1.00 0.00	32.61 0.73 0.00	30.85 0.75 0.00	28.64 0.83 0.00	24.95 0.68 0.00	22.68 0.61 -0.96
BETHPAGE_CC_5 323564	31.92 2.13 -7.41	22.79 1.86 -0.31	21.62 1.61 -1.45	19.50 1.61 -0.01	18.91 1.53 -0.01	19.97 1.55 0.00	23.31 1.97 -0.36	25.56 2.25 -2.34	26.39 2.50 -1.19	23.49 2.18 0.00	25.92 2.27 -1.82	27.17 2.41 -1.14	27.05 2.47 -0.08	30.22 2.73 -0.49	31.28 2.61 -0.95	33.03 3.06 -1.41	37.74 3.65 -0.57	46.37 3.92 -6.16	46.23 3.71 -6.83	41.38 2.87 -6.63	43.51 2.74 -10.68	38.61 2.61 -8.19	33.77 2.45 -7.05	30.95 2.17 -7.67
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.79 0.40 0.00	20.67 0.04 0.00	18.57 0.02 0.00	17.96 0.07 0.00	17.52 0.14 0.00	18.55 0.13 0.00	20.61 -0.42 -0.05	20.71 -0.29 -0.03	22.43 -0.27 0.00	21.32 0.00 0.00	22.44 0.61 0.00	24.47 0.85 0.00	25.37 0.88 0.00	27.95 0.95 0.00	28.05 0.33 0.00	28.88 0.31 0.00	33.51 0.00 0.00	36.18 -0.11 0.00	35.51 -0.18 0.00	32.61 0.73 0.00	30.33 0.24 0.00	27.64 -0.17 0.00	24.73 0.46 0.00	21.14 -0.08 -0.12
BINGHAMTON___COGEN 23790	22.77 0.38 0.00	20.84 0.21 0.00	18.74 0.19 0.00	18.06 0.18 0.00	17.58 0.21 0.00	18.64 0.22 0.00	21.21 0.13 -0.10	21.24 0.21 -0.05	22.93 0.23 0.00	21.62 0.30 0.00	22.27 0.44 0.00	24.19 0.57 0.00	25.08 0.59 0.00	27.80 0.62 -0.17	28.48 0.53 -0.23	29.25 0.54 -0.15	34.15 0.57 -0.07	37.49 0.58 -0.62	36.69 0.57 -0.42	33.03 0.70 -0.46	31.23 0.57 -0.56	28.74 0.44 -0.49	24.83 0.46 -0.10	21.60 0.27 -0.22
BIXINCNT_115KV_LOAD 355685	22.86 0.47 0.00	20.71 0.08 0.00	18.63 0.07 0.00	18.01 0.13 0.00	17.57 0.19 0.00	18.64 0.22 0.00	20.55 -0.48 -0.06	20.86 -0.15 -0.03	22.59 -0.11 0.00	21.51 0.19 0.00	22.60 0.76 0.00	24.66 1.04 0.00	25.59 1.10 0.00	28.14 1.13 0.00	28.30 0.58 0.00	29.14 0.57 0.00	33.85 0.34 0.00	36.54 0.25 0.00	35.83 0.14 0.00	32.86 0.99 0.00	30.48 0.39 0.00	27.86 0.06 0.00	24.83 0.56 0.00	21.08 -0.15 -0.12
BLACK RIVER___HYD 24047	22.77 0.38 0.00	20.98 0.35 0.00	18.82 0.26 0.00	18.12 0.23 0.00	17.64 0.26 0.00	18.72 0.29 0.00	21.29 0.29 -0.02	21.37 0.38 -0.01	22.98 0.27 0.00	21.47 0.15 0.00	21.90 0.07 0.00	23.86 0.24 0.00	24.74 0.24 0.00	27.53 0.16 -0.36	28.43 0.22 -0.48	28.87 0.00 -0.31	33.73 0.07 -0.15	37.86 0.26 -1.32	37.05 0.46 -0.90	33.68 0.83 -0.97	32.19 0.90 -1.20	29.50 0.64 -1.05	24.94 0.46 -0.20	21.46 0.32 -0.04

BLACKRVR_115KV_TB2 79977	22.77 0.38 0.00	20.98 0.35 0.00	18.78 0.22 0.00	18.12 0.23 0.00	17.64 0.26 0.00	18.72 0.29 0.00	21.29 0.29 -0.02	21.35 0.36 -0.01	22.98 0.27 0.00	21.47 0.15 0.00	21.90 0.07 0.00	23.86 0.24 0.00	24.74 0.24 0.00	27.53 0.16 -0.36	28.34 0.14 -0.48	28.87 0.00 -0.31	33.70 0.03 -0.15	37.83 0.22 -1.32	37.05 0.46 -0.90	33.61 0.76 -0.97	32.19 0.90 -1.20	29.44 0.58 -1.05	24.91 0.44 -0.20	21.46 0.32 -0.04
BLISS_WT_PWR 323608	22.86 0.47 0.00	20.71 0.08 0.00	18.67 0.11 0.00	17.97 0.09 0.00	17.55 0.17 0.00	18.64 0.22 0.00	20.56 -0.48 -0.06	20.88 -0.13 -0.03	22.62 -0.09 0.00	21.55 0.23 0.00	22.64 0.81 0.00	24.68 1.06 0.00	25.59 1.10 0.00	28.16 1.16 0.00	29.27 1.55 0.00	29.39 0.83 0.00	34.08 0.57 0.00	36.76 0.47 0.00	36.01 0.32 0.00	32.96 1.08 0.00	30.64 0.54 0.00	28.86 1.06 0.00	24.93 0.66 0.00	21.08 -0.15 -0.12
BLUE_CIRC_CHEM_DRP 24182	23.19 0.81 0.00	21.31 0.68 0.00	19.20 0.65 0.00	18.49 0.61 0.00	17.97 0.59 0.00	19.05 0.63 0.00	22.17 0.76 -0.43	22.04 0.84 -0.22	23.64 0.93 0.00	22.11 0.79 0.00	22.55 0.72 0.00	24.40 0.78 0.00	25.25 0.81 0.05	27.75 0.89 0.14	28.51 1.00 0.21	29.35 1.03 0.24	34.38 1.27 0.41	37.39 1.38 0.28	37.08 1.39 0.00	33.02 1.15 0.00	31.24 1.14 0.00	28.97 1.17 0.00	25.27 1.00 0.00	22.89 0.84 -0.94
BOC_GAS_DRP 24189	23.08 0.69 0.00	21.21 0.58 0.00	19.11 0.56 0.00	18.40 0.52 0.00	17.88 0.50 0.00	18.96 0.53 0.00	22.07 0.65 -0.44	21.94 0.73 -0.22	23.52 0.82 0.00	22.04 0.72 0.00	22.51 0.68 0.00	24.33 0.71 0.00	25.18 0.73 0.05	27.70 0.84 0.14	28.43 0.91 0.21	29.30 0.97 0.24	34.28 1.17 0.40	37.29 1.27 0.27	36.91 1.21 0.00	32.83 0.96 0.00	31.03 0.93 0.00	28.78 0.97 0.00	25.12 0.85 0.00	22.82 0.76 -0.96
BOONVILLE_115KV_TB1 79983	22.77 0.38 0.00	20.96 0.33 0.00	18.82 0.26 0.00	18.19 0.30 0.00	17.69 0.31 0.00	18.77 0.35 0.00	21.33 0.34 -0.01	21.41 0.42 -0.01	23.12 0.41 0.00	21.64 0.32 0.00	22.10 0.26 0.00	24.07 0.45 0.00	24.93 0.44 0.00	27.48 0.38 -0.10	28.25 0.39 -0.14	28.97 0.31 -0.09	34.02 0.47 -0.04	37.24 0.58 -0.37	36.59 0.64 -0.25	32.88 0.73 -0.27	31.21 0.78 -0.34	28.66 0.56 -0.30	24.77 0.44 -0.06	21.47 0.34 -0.02
BORALEX_4TH_BRANCH 23824	23.68 1.30 0.00	21.78 1.15 0.00	19.67 1.11 0.00	18.94 1.05 0.00	18.40 1.02 0.00	19.51 1.09 0.00	22.70 1.28 -0.44	22.48 1.28 -0.22	24.09 1.39 0.00	22.47 1.15 0.00	22.95 1.11 0.00	24.75 1.13 0.00	25.48 1.15 0.17	27.85 1.32 0.48	28.20 1.19 0.71	29.23 1.48 0.82	33.91 1.77 1.38	37.31 1.96 0.93	37.58 1.89 0.00	33.44 1.56 0.00	31.66 1.56 0.00	29.22 1.42 0.00	25.68 1.41 0.00	23.39 1.33 -0.96
BOWLINE___1 23526	23.64 1.25 0.00	21.66 1.03 0.00	19.48 0.93 0.00	18.80 0.91 0.00	18.23 0.85 0.00	19.31 0.88 0.00	22.47 1.15 -0.33	22.51 1.36 -0.17	24.25 1.54 0.00	22.81 1.49 0.00	23.30 1.46 0.00	25.18 1.56 0.00	26.14 1.59 -0.06	28.94 1.75 -0.18	29.65 1.66 -0.27	30.90 2.03 -0.31	36.48 2.45 -0.52	39.29 2.65 -0.35	38.15 2.46 0.00	33.66 1.78 0.00	31.78 1.68 0.00	29.42 1.61 0.00	25.78 1.51 0.00	23.22 1.39 -0.72
BOWLINE___2 23595	23.64 1.25 0.00	21.66 1.03 0.00	19.48 0.93 0.00	18.80 0.91 0.00	18.23 0.85 0.00	19.31 0.88 0.00	22.47 1.15 -0.33	22.51 1.36 -0.17	24.25 1.54 0.00	22.81 1.49 0.00	23.30 1.46 0.00	25.18 1.56 0.00	26.14 1.59 -0.06	28.94 1.75 -0.18	29.65 1.66 -0.27	30.90 2.03 -0.31	36.48 2.45 -0.52	39.29 2.65 -0.35	38.15 2.46 0.00	33.66 1.78 0.00	31.78 1.68 0.00	29.42 1.61 0.00	25.78 1.51 0.00	23.22 1.39 -0.72
BRADY___115KV_TB2 356060	22.05 -0.34 0.00	20.46 -0.17 0.00	18.37 -0.19 0.00	17.72 -0.16 0.00	17.20 -0.17 0.00	18.26 -0.17 0.00	20.77 -0.21 0.00	20.83 -0.15 0.00	22.43 -0.27 0.00	21.00 -0.32 0.00	21.31 -0.52 0.00	22.94 -0.69 0.00	23.88 -0.61 0.00	26.27 -0.73 0.00	27.08 -0.64 0.00	27.85 -0.71 0.00	32.74 -0.77 0.00	35.56 -0.73 0.00	35.01 -0.68 0.00	31.36 -0.51 0.00	29.67 -0.42 0.00	27.28 -0.53 0.00	23.81 -0.46 0.00	20.81 -0.30 0.00
BRANSCOMB___SOLAR 323811	23.75 1.37 0.00	21.81 1.18 0.00	19.61 1.06 0.00	18.89 1.00 0.00	18.37 0.99 0.00	19.47 1.05 0.00	22.72 1.28 -0.46	22.55 1.34 -0.23	24.16 1.45 0.00	22.55 1.24 0.00	23.06 1.22 0.00	24.92 1.30 0.00	25.72 1.32 0.09	28.23 1.48 0.26	28.53 1.19 0.38	29.46 1.34 0.44	34.44 1.67 0.75	37.67 1.89 0.50	37.58 1.89 0.00	33.60 1.72 0.00	31.90 1.81 0.00	29.42 1.61 0.00	25.94 1.67 0.00	23.53 1.44 -0.99
BRENTWOD_69_KV_W. BRTWOOD 56703	32.37 2.57 -7.41	23.23 2.29 -0.31	22.08 2.08 -1.45	19.85 1.97 0.00	19.24 1.86 0.00	20.38 1.95 0.00	23.78 2.43 -0.36	26.00 2.69 -2.34	26.84 2.95 -1.19	23.73 2.41 0.00	26.23 2.58 -1.82	27.48 2.72 -1.14	27.32 2.74 -0.08	30.57 3.08 -0.49	31.97 3.30 -0.95	33.69 3.71 -1.41	38.36 4.29 -0.56	47.06 4.61 -6.16	46.91 4.39 -6.83	42.01 3.51 -6.63	44.11 3.34 -10.68	39.28 3.28 -8.20	34.51 2.86 -7.37	31.39 2.62 -7.67
BRISTLHL_115KV_TB1 79998	22.14 -0.25 0.00	20.32 -0.31 0.00	18.28 -0.28 0.00	17.62 -0.27 0.00	17.13 -0.24 0.00	18.16 -0.26 0.00	20.69 -0.31 -0.03	20.59 -0.40 -0.01	22.30 -0.41 0.00	20.96 -0.36 0.00	21.55 -0.28 0.00	23.41 -0.21 0.00	24.25 -0.24 0.00	27.48 -0.32 -0.80	28.39 -0.39 -1.06	28.79 -0.46 -0.68	33.28 -0.57 -0.33	38.53 -0.65 -2.89	37.05 -0.61 -1.97	33.63 -0.38 -2.13	32.33 -0.39 -2.63	29.69 -0.42 -2.30	24.43 -0.29 -0.45	20.85 -0.32 -0.06
BROOKHAVEN___DRP 24191	32.41 2.62 -7.41	23.31 2.37 -0.31	22.22 2.21 -1.46	19.91 2.02 0.00	19.29 1.91 0.00	20.41 1.99 0.00	23.86 2.52 -0.36	26.11 2.79 -2.34	26.93 3.04 -1.19	23.39 2.07 0.00	25.90 2.25 -1.82	27.15 2.39 -1.14	26.85 2.28 -0.08	30.05 2.57 -0.49	31.50 2.83 -0.95	33.35 3.37 -1.41	38.01 3.92 -0.57	46.66 4.21 -6.16	46.56 4.03 -6.83	41.74 3.22 -6.65	43.91 3.13 -10.69	39.30 3.25 -8.24	35.95 2.96 -8.71	31.33 2.55 -7.67
BROOKLYN_NAVY_YARD 23515	23.84 1.45 0.00	21.81 1.18 0.00	19.61 1.06 0.00	18.92 1.04 0.00	18.31 0.94 0.00	19.40 0.98 0.00	22.65 1.32 -0.35	22.79 1.64 -0.17	24.59 1.88 0.00	23.15 1.83 0.00	23.56 1.72 0.00	25.49 1.87 0.00	26.47 1.91 -0.07	29.28 2.08 -0.19	29.92 1.91 -0.29	31.30 2.40 -0.34	36.85 2.78 -0.56	39.72 3.05 -0.38	38.51 2.82 0.00	33.79 1.91 0.00	31.96 1.87 0.00	29.64 1.83 0.00	26.11 1.84 0.00	23.48 1.63 -0.75
BROOKLYN___ARMY_DRP 323595	24.07 1.68 0.00	21.97 1.34 0.00	19.78 1.22 0.00	19.05 1.16 0.00	18.40 1.03 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.26 1.94 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.45 2.44 -0.29	31.59 2.69 -0.34	37.09 3.02 -0.56	40.01 3.34 -0.38	38.80 3.11 0.00	33.92 2.04 0.00	32.05 1.96 0.00	30.14 2.34 0.00	26.33 2.06 0.00	23.65 1.79 -0.75

BROOKVLE_69_KV_TB1 55790	31.72 1.93 -7.41	22.57 1.63 -0.31	21.49 1.48 -1.45	19.32 1.43 0.00	18.71 1.34 0.00	19.82 1.40 0.00	23.10 1.76 -0.36	25.33 2.01 -2.33	26.16 2.27 -1.19	23.41 2.09 0.00	25.81 2.16 -1.82	27.10 2.34 -1.14	27.00 2.42 -0.08	30.16 2.67 -0.49	31.47 2.80 -0.95	32.92 2.94 -1.41	37.53 3.45 -0.56	46.19 3.74 -6.16	45.98 3.46 -6.83	41.15 2.65 -6.63	43.24 2.47 -10.68	38.58 2.59 -8.19	33.55 2.26 -7.02	30.80 2.03 -7.67
BROOME_2_LFGE 323671	22.77 0.38 0.00	20.84 0.21 0.00	18.74 0.19 0.00	18.06 0.18 0.00	17.59 0.21 0.00	18.64 0.22 0.00	21.21 0.13 -0.10	21.24 0.21 -0.05	22.96 0.25 0.00	21.62 0.30 0.00	22.27 0.44 0.00	24.19 0.57 0.00	25.08 0.59 0.00	27.80 0.62 -0.17	28.67 0.72 -0.23	29.31 0.60 -0.15	34.19 0.60 -0.07	37.53 0.62 -0.62	36.76 0.64 -0.42	33.07 0.73 -0.46	31.26 0.60 -0.56	28.94 0.64 -0.49	24.85 0.49 -0.10	21.60 0.27 -0.22
BROOME___LFGE 323600	22.77 0.38 0.00	20.84 0.21 0.00	18.74 0.19 0.00	18.06 0.18 0.00	17.59 0.21 0.00	18.64 0.22 0.00	21.21 0.13 -0.10	21.24 0.21 -0.05	22.96 0.25 0.00	21.62 0.30 0.00	22.27 0.44 0.00	24.19 0.57 0.00	25.08 0.59 0.00	27.80 0.62 -0.17	28.67 0.72 -0.23	29.31 0.60 -0.15	34.19 0.60 -0.07	37.53 0.62 -0.62	36.76 0.64 -0.42	33.07 0.73 -0.46	31.26 0.60 -0.56	28.94 0.64 -0.49	24.85 0.49 -0.10	21.60 0.27 -0.22
BROWNFLS_115KV_TB_3_5 80003	22.19 -0.20 0.00	20.53 -0.10 0.00	18.39 -0.17 0.00	17.74 -0.14 0.00	17.25 -0.12 0.00	18.29 -0.13 0.00	20.86 -0.13 -0.01	20.96 -0.02 0.00	22.59 -0.11 0.00	21.06 -0.26 0.00	21.35 -0.48 0.00	23.05 -0.57 0.00	23.93 -0.56 0.00	26.48 -0.68 -0.15	27.28 -0.64 -0.20	27.95 -0.74 -0.13	32.77 -0.80 -0.06	36.10 -0.73 -0.54	35.45 -0.61 -0.37	31.89 -0.38 -0.40	30.34 -0.24 -0.49	27.84 -0.39 -0.43	24.11 -0.24 -0.08	20.98 -0.15 -0.02
BROWNSV1_27_KV_LOAD 356125	24.07 1.68 0.00	21.99 1.36 0.00	19.82 1.26 0.00	19.10 1.22 0.00	18.47 1.09 0.00	19.58 1.16 0.00	22.82 1.49 -0.35	22.96 1.80 -0.17	24.77 2.07 0.00	23.34 2.03 0.00	23.78 1.94 0.00	25.75 2.13 0.00	26.74 2.18 -0.07	29.58 2.38 -0.19	30.56 2.55 -0.29	31.64 2.74 -0.33	37.26 3.18 -0.56	40.15 3.48 -0.38	38.90 3.21 0.00	34.14 2.26 0.00	32.23 2.14 0.00	30.20 2.39 0.00	26.36 2.09 0.00	23.67 1.82 -0.75
BURROWS___LYONSDAL 23803	22.72 0.34 0.00	20.92 0.29 0.00	18.78 0.22 0.00	18.14 0.25 0.00	17.65 0.28 0.00	18.74 0.31 0.00	21.29 0.29 -0.01	21.36 0.38 -0.01	23.05 0.34 0.00	21.57 0.26 0.00	22.01 0.17 0.00	23.95 0.33 0.00	24.83 0.34 0.00	27.40 0.27 -0.12	28.16 0.28 -0.17	28.87 0.20 -0.11	33.90 0.34 -0.05	37.18 0.44 -0.45	36.53 0.54 -0.31	32.85 0.64 -0.33	31.23 0.72 -0.41	28.67 0.50 -0.36	24.73 0.39 -0.07	21.43 0.30 -0.02
CAITHNESS_CC_1 323624	32.32 2.53 -7.41	23.23 2.29 -0.31	22.00 1.99 -1.46	19.84 1.95 -0.01	19.24 1.86 -0.01	20.30 1.88 0.00	23.77 2.43 -0.36	26.03 2.71 -2.34	26.84 2.95 -1.19	23.39 2.07 0.00	25.90 2.25 -1.82	27.13 2.36 -1.14	26.88 2.30 -0.08	30.06 2.57 -0.49	31.28 2.61 -0.95	33.23 3.26 -1.41	37.98 3.89 -0.58	46.62 4.17 -6.16	46.48 3.96 -6.83	41.68 3.16 -6.65	43.88 3.10 -10.69	39.02 2.98 -8.24	35.82 2.84 -8.71	31.29 2.51 -7.67
CALPINE BETH_PAGE_GT4 24209	31.85 2.06 -7.41	22.75 1.82 -0.31	21.66 1.65 -1.45	19.48 1.59 0.00	18.87 1.49 0.00	19.99 1.57 0.00	23.29 1.95 -0.36	25.54 2.22 -2.33	26.34 2.45 -1.19	23.47 2.15 0.00	25.90 2.25 -1.82	27.13 2.36 -1.14	27.00 2.42 -0.08	30.16 2.67 -0.49	31.39 2.72 -0.95	32.95 2.97 -1.41	37.59 3.52 -0.56	46.23 3.77 -6.16	46.06 3.53 -6.83	41.25 2.74 -6.63	43.36 2.59 -10.68	38.69 2.70 -8.19	33.69 2.38 -7.04	30.84 2.07 -7.67
CALPINE_BETH_PAGE_GT_4 323586	31.85 2.06 -7.41	22.75 1.82 -0.31	21.60 1.60 -1.45	19.48 1.59 -0.01	18.88 1.49 -0.01	19.95 1.53 0.00	23.29 1.95 -0.36	25.54 2.22 -2.33	26.34 2.45 -1.19	23.47 2.15 0.00	25.90 2.25 -1.82	27.13 2.36 -1.14	27.00 2.43 -0.08	30.16 2.67 -0.49	31.17 2.50 -0.95	32.89 2.91 -1.41	37.60 3.52 -0.57	46.23 3.77 -6.16	46.09 3.57 -6.83	41.25 2.74 -6.63	43.36 2.59 -10.68	38.50 2.50 -8.19	33.66 2.35 -7.04	30.84 2.07 -7.67
CALPINE_BP_GT1 23823	31.85 2.06 -7.41	22.75 1.82 -0.31	21.60 1.60 -1.45	19.48 1.59 -0.01	18.88 1.49 -0.01	19.95 1.53 0.00	23.29 1.95 -0.36	25.54 2.22 -2.33	26.34 2.45 -1.19	23.47 2.15 0.00	25.90 2.25 -1.82	27.13 2.36 -1.14	27.00 2.43 -0.08	30.16 2.67 -0.49	31.17 2.50 -0.95	32.89 2.91 -1.41	37.60 3.52 -0.57	46.23 3.77 -6.16	46.09 3.57 -6.83	41.25 2.74 -6.63	43.36 2.59 -10.68	38.50 2.50 -8.19	33.66 2.35 -7.04	30.84 2.07 -7.67
CALSPAN___DRP 24200	22.74 0.36 0.00	20.63 0.00 0.00	18.56 0.00 0.00	17.92 0.04 0.00	17.48 0.10 0.00	18.51 0.00 0.00	20.63 -0.40 -0.05	20.67 -0.34 -0.03	22.37 -0.34 0.00	21.25 -0.06 0.00	22.38 0.55 0.00	24.40 0.78 0.00	25.27 0.78 0.00	27.84 0.84 0.00	27.94 0.22 0.00	28.74 0.17 0.00	33.34 -0.17 0.00	36.00 -0.29 0.00	35.34 -0.36 0.00	32.48 0.61 0.00	30.21 0.12 0.00	27.55 -0.25 0.00	24.68 0.41 0.00	21.16 -0.06 -0.12
CALVERTON___SOLAR 323806	32.50 2.71 -7.41	23.41 2.47 -0.31	22.17 2.15 -1.46	20.00 2.11 -0.01	19.38 2.00 -0.01	20.47 2.04 0.00	23.99 2.64 -0.36	26.23 2.92 -2.34	27.05 3.16 -1.19	23.41 2.09 0.00	25.95 2.29 -1.82	27.20 2.43 -1.14	26.90 2.33 -0.08	30.11 2.62 -0.49	31.33 2.66 -0.95	33.37 3.40 -1.41	38.15 4.05 -0.58	46.84 4.39 -6.16	46.70 4.17 -6.83	41.87 3.35 -6.65	44.09 3.31 -10.69	39.27 3.22 -8.24	36.07 3.08 -8.72	31.41 2.64 -7.67
CANDIGU_WT_PWR 323617	22.86 0.47 0.00	20.82 0.19 0.00	18.72 0.17 0.00	18.05 0.16 0.00	17.60 0.23 0.00	18.68 0.26 0.00	20.97 -0.08 -0.07	21.02 0.00 -0.03	22.71 0.00 0.00	21.51 0.19 0.00	22.44 0.61 0.00	24.42 0.80 0.00	25.32 0.83 0.00	27.98 0.89 -0.09	29.03 1.19 -0.12	29.32 0.68 -0.07	34.05 0.50 -0.04	37.08 0.47 -0.32	36.37 0.46 -0.22	33.10 0.99 -0.23	31.07 0.69 -0.29	29.00 0.95 -0.25	24.98 0.66 -0.05	21.43 0.17 -0.15
CARR STREET_E_SYR 24060	22.28 -0.11 0.00	20.44 -0.19 0.00	18.39 -0.17 0.00	17.72 -0.16 0.00	17.24 -0.14 0.00	18.27 -0.15 0.00	20.80 -0.21 -0.03	20.72 -0.27 -0.01	22.46 -0.25 0.00	21.13 -0.19 0.00	21.75 -0.09 0.00	23.62 0.00 0.00	24.44 -0.05 0.00	27.05 -0.19 -0.24	27.93 -0.11 -0.32	28.51 -0.26 -0.20	33.24 -0.37 -0.10	36.72 -0.43 -0.86	35.89 -0.39 -0.59	32.29 -0.22 -0.64	30.63 -0.24 -0.78	28.33 -0.17 -0.69	24.28 -0.12 -0.13	21.00 -0.17 -0.06
CARTHAGE___PAPER 23857	22.61 0.22 0.00	20.86 0.23 0.00	18.72 0.17 0.00	18.03 0.14 0.00	17.55 0.17 0.00	18.61 0.18 0.00	21.21 0.21 -0.02	21.26 0.27 -0.01	22.89 0.18 0.00	21.36 0.04 0.00	21.75 -0.09 0.00	23.62 0.00 0.00	24.52 0.02 -0.05	27.26 0.00 -0.31	28.13 0.00 -0.41	28.65 -0.17 -0.26	33.51 -0.13 -0.13	37.47 0.07 -1.11	36.70 0.25 -0.76	33.27 0.57 -0.82	31.76 0.66 -1.01	29.11 0.42 -0.89	24.74 0.29 -0.17	21.37 0.23 -0.03

CASSADAGA_WT_PWR 323784	23.42 1.03 0.00	21.23 0.60 0.00	19.07 0.52 0.00	18.39 0.50 0.00	17.93 0.56 0.00	19.07 0.64 0.00	21.22 0.19 -0.06	21.41 0.40 -0.03	23.18 0.48 0.00	22.09 0.77 0.00	23.23 1.40 0.00	25.25 1.63 0.00	26.23 1.74 0.00	28.84 1.84 0.00	30.00 2.27 0.00	30.08 1.51 0.00	34.82 1.31 0.00	37.56 1.27 0.00	36.80 1.11 0.00	33.69 1.82 0.00	31.42 1.32 0.00	29.61 1.81 0.00	25.58 1.31 0.00	21.69 0.46 -0.12
CE_DUNWOOD___DRP 24194	23.77 1.39 0.00	21.79 1.16 0.00	19.61 1.06 0.00	18.90 1.02 0.00	18.31 0.94 0.00	19.42 0.99 0.00	22.60 1.28 -0.34	22.66 1.51 -0.17	24.43 1.73 0.00	22.98 1.66 0.00	23.45 1.62 0.00	25.35 1.72 0.00	26.35 1.79 -0.07	29.14 1.94 -0.19	30.12 2.11 -0.29	31.15 2.26 -0.33	36.75 2.68 -0.56	39.57 2.90 -0.38	38.37 2.68 0.00	33.82 1.94 0.00	31.93 1.84 0.00	29.81 2.00 0.00	25.99 1.72 0.00	23.37 1.52 -0.75
CE_MILLWOOD___DRP 24193	23.73 1.34 0.00	21.74 1.11 0.00	19.58 1.02 0.00	18.87 0.98 0.00	18.28 0.90 0.00	19.38 0.96 0.00	22.56 1.24 -0.34	22.62 1.47 -0.17	24.36 1.66 0.00	22.94 1.62 0.00	23.38 1.55 0.00	25.27 1.65 0.00	26.27 1.71 -0.07	29.06 1.86 -0.19	30.03 2.02 -0.29	31.07 2.17 -0.33	36.65 2.58 -0.56	39.46 2.79 -0.38	38.26 2.57 0.00	33.76 1.88 0.00	31.87 1.78 0.00	29.72 1.92 0.00	25.92 1.65 0.00	23.33 1.48 -0.74
CE_NYC2_DRP 24202	23.95 1.57 0.00	21.91 1.28 0.00	19.72 1.17 0.00	19.01 1.13 0.00	18.40 1.03 0.00	19.44 1.01 0.00	22.65 1.32 -0.35	22.83 1.68 -0.17	24.61 1.91 0.00	23.19 1.88 0.00	23.62 1.79 0.00	25.58 1.96 0.00	26.54 1.98 -0.07	29.41 2.21 -0.19	30.39 2.38 -0.29	31.51 2.60 -0.34	36.96 2.88 -0.56	39.86 3.19 -0.38	38.62 2.93 0.00	33.79 1.91 0.00	31.96 1.87 0.00	30.03 2.22 0.00	26.24 1.97 0.00	23.57 1.71 -0.75
CE_NYC_DRP 24195	23.86 1.48 0.00	21.85 1.22 0.00	19.67 1.11 0.00	18.96 1.07 0.00	18.37 0.99 0.00	19.45 1.03 0.00	22.67 1.34 -0.35	22.79 1.64 -0.17	24.59 1.88 0.00	23.15 1.83 0.00	23.58 1.75 0.00	25.51 1.89 0.00	26.52 1.96 -0.07	29.33 2.13 -0.19	30.28 2.27 -0.29	31.38 2.49 -0.33	36.96 2.88 -0.56	39.79 3.12 -0.38	38.55 2.86 0.00	33.85 1.98 0.00	31.96 1.87 0.00	29.95 2.14 0.00	26.14 1.87 0.00	23.50 1.65 -0.75
CHAFFEE___LFGE 323603	22.79 0.40 0.00	20.67 0.04 0.00	18.63 0.07 0.00	17.96 0.07 0.00	17.51 0.14 0.00	18.59 0.17 0.00	20.66 -0.38 -0.06	20.73 -0.27 -0.03	22.46 -0.25 0.00	21.36 0.04 0.00	22.47 0.63 0.00	24.50 0.87 0.00	25.40 0.91 0.00	27.97 0.97 0.00	29.13 1.41 0.00	29.16 0.60 0.00	33.78 0.27 0.00	36.47 0.18 0.00	35.73 0.04 0.00	32.77 0.89 0.00	30.55 0.45 0.00	28.78 0.97 0.00	24.88 0.61 0.00	21.18 -0.04 -0.12
CHATEAUG_35_KV_LOAD 355732	22.54 0.16 0.00	20.88 0.25 0.00	18.74 0.19 0.00	18.05 0.16 0.00	17.50 0.12 0.00	18.59 0.17 0.00	21.23 0.25 0.00	21.30 0.31 0.00	22.98 0.27 0.00	21.51 0.19 0.00	21.94 0.11 0.00	23.55 -0.07 0.00	24.49 0.00 0.00	27.11 0.11 0.00	27.92 0.19 0.00	28.76 0.20 0.00	33.78 0.27 0.00	36.72 0.44 0.00	36.19 0.50 0.00	32.39 0.51 0.00	30.54 0.45 0.00	28.03 0.22 0.00	24.25 -0.02 0.00	21.13 0.02 0.00
CHATEAUG_WT_PWR 323614	22.56 0.18 0.00	20.92 0.29 0.00	18.72 0.17 0.00	18.06 0.18 0.00	17.51 0.14 0.00	18.61 0.18 0.00	21.25 0.27 0.00	21.34 0.36 0.00	23.02 0.32 0.00	21.58 0.26 0.00	22.01 0.17 0.00	23.60 -0.02 0.00	24.56 0.07 0.00	27.17 0.16 0.00	27.97 0.25 0.00	28.82 0.26 0.00	33.85 0.34 0.00	36.76 0.47 0.00	36.23 0.54 0.00	32.42 0.54 0.00	30.57 0.48 0.00	28.05 0.25 0.00	24.27 0.00 0.00	21.15 0.04 0.00
CHAT_HIGH_FALL_HYD 323578	22.54 0.16 0.00	20.88 0.25 0.00	18.70 0.15 0.00	18.05 0.16 0.00	17.50 0.12 0.00	18.59 0.17 0.00	21.23 0.25 0.00	21.30 0.32 0.00	22.98 0.27 0.00	21.51 0.19 0.00	21.94 0.11 0.00	23.55 -0.07 0.00	24.49 0.00 0.00	27.11 0.11 0.00	27.92 0.20 0.00	28.77 0.20 0.00	33.78 0.27 0.00	36.73 0.44 0.00	36.19 0.50 0.00	32.38 0.51 0.00	30.57 0.48 0.00	28.03 0.22 0.00	24.25 -0.02 0.00	21.13 0.02 0.00
CHAUTAUQUA___LFGE 323629	23.17 0.78 0.00	21.02 0.39 0.00	18.91 0.35 0.00	18.22 0.34 0.00	17.78 0.40 0.00	18.86 0.44 0.00	21.04 0.00 -0.05	21.13 0.13 -0.03	22.89 0.18 0.00	21.81 0.49 0.00	22.92 1.09 0.00	24.94 1.32 0.00	25.86 1.37 0.00	28.49 1.48 0.00	29.61 1.89 0.00	29.68 1.11 0.00	34.38 0.87 0.00	37.09 0.80 0.00	36.34 0.64 0.00	33.28 1.40 0.00	31.03 0.93 0.00	29.25 1.44 0.00	25.27 1.00 0.00	21.54 0.32 -0.12
CHERRYST_13_KV_LD 356241	23.93 1.54 0.00	21.89 1.26 0.00	19.72 1.17 0.00	19.01 1.13 0.00	18.42 1.04 0.00	19.51 1.09 0.00	22.73 1.41 -0.35	22.85 1.70 -0.17	24.68 1.98 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.63 2.01 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.42 2.41 -0.29	31.50 2.60 -0.33	37.09 3.02 -0.56	39.93 3.27 -0.38	38.65 2.96 0.00	33.95 2.07 0.00	32.05 1.96 0.00	30.03 2.22 0.00	26.21 1.94 0.00	23.57 1.71 -0.75
CHESTROR_138KV_BK263 355645	23.51 1.12 0.00	21.56 0.93 0.00	19.39 0.83 0.00	18.67 0.79 0.00	18.12 0.75 0.00	19.20 0.77 0.00	22.30 1.01 -0.31	22.29 1.15 -0.16	24.02 1.32 0.00	22.60 1.28 0.00	23.06 1.22 0.00	24.92 1.30 0.00	25.87 1.32 -0.06	28.65 1.49 -0.16	29.57 1.61 -0.24	30.58 1.74 -0.27	36.05 2.08 -0.46	38.85 2.25 -0.31	37.80 2.11 0.00	33.44 1.56 0.00	31.57 1.47 0.00	29.39 1.58 0.00	25.61 1.33 0.00	22.99 1.20 -0.68
CH_MIDHUDSON___DRP 24192	23.73 1.34 0.00	21.74 1.11 0.00	19.58 1.02 0.00	18.85 0.97 0.00	18.28 0.90 0.00	19.40 0.98 0.00	22.57 1.24 -0.35	22.54 1.38 -0.18	24.27 1.57 0.00	22.79 1.47 0.00	23.25 1.42 0.00	25.11 1.49 0.00	26.06 1.52 -0.05	28.84 1.70 -0.13	29.75 1.83 -0.20	30.76 1.97 -0.22	36.27 2.38 -0.38	39.12 2.58 -0.25	38.12 2.43 0.00	33.69 1.82 0.00	31.81 1.72 0.00	29.64 1.84 0.00	25.82 1.55 0.00	23.29 1.41 -0.77
CH_MISC_IPPS 23765	23.82 1.43 0.00	21.81 1.18 0.00	19.59 1.04 0.00	18.90 1.02 0.00	18.33 0.96 0.00	19.43 1.01 0.00	22.63 1.30 -0.35	22.58 1.43 -0.17	24.36 1.66 0.00	22.85 1.54 0.00	23.34 1.51 0.00	25.20 1.58 0.00	26.16 1.62 -0.05	28.96 1.81 -0.15	29.69 1.75 -0.22	30.87 2.06 -0.25	36.48 2.55 -0.42	39.37 2.79 -0.29	38.33 2.64 0.00	33.88 2.01 0.00	31.99 1.90 0.00	29.64 1.83 0.00	25.92 1.65 0.00	23.33 1.48 -0.75
CH_RES_BVR_FALLS 23983	22.09 -0.29 0.00	20.42 -0.21 0.00	18.37 -0.19 0.00	17.71 -0.18 0.00	17.19 -0.19 0.00	18.24 -0.18 0.00	20.75 -0.23 0.00	20.77 -0.21 0.00	22.43 -0.27 0.00	21.04 -0.28 0.00	21.51 -0.33 0.00	23.24 -0.38 0.00	24.12 -0.37 0.00	26.60 -0.40 0.00	27.31 -0.42 0.00	28.14 -0.43 0.00	33.04 -0.47 0.00	35.82 -0.47 0.00	35.23 -0.46 0.00	31.46 -0.42 0.00	29.70 -0.39 0.00	27.42 -0.39 0.00	23.91 -0.36 0.00	20.83 -0.27 0.00

CH_RES_NIAGARA 23895	21.94 -0.45 0.00	19.91 -0.72 0.00	17.94 -0.61 0.00	17.44 -0.45 0.00	16.87 -0.50 0.00	18.03 -0.39 0.00	20.15 -0.88 -0.05	19.85 -1.15 -0.02	21.46 -1.25 0.00	20.42 -0.89 0.00	21.53 -0.31 0.00	23.41 -0.21 0.00	24.20 -0.29 0.00	26.68 -0.32 0.00	27.78 0.06 0.00	27.68 -0.89 0.00	31.97 -1.54 0.00	34.47 -1.81 0.00	33.76 -1.93 0.00	31.05 -0.83 0.00	29.01 -1.08 0.00	27.53 -0.28 0.00	23.86 -0.41 0.00	20.58 -0.63 -0.11
CH_RES_SYRACUSE 23985	22.41 0.02 0.00	20.57 -0.06 0.00	18.50 -0.06 0.00	17.83 -0.05 0.00	17.34 -0.03 0.00	18.39 -0.04 0.00	20.93 -0.08 -0.03	20.85 -0.15 -0.02	22.57 -0.14 0.00	21.21 -0.11 0.00	21.83 0.00 0.00	23.72 0.09 0.00	24.59 0.10 0.00	27.50 0.05 -0.44	28.45 0.14 -0.59	28.94 0.00 -0.38	33.63 -0.07 -0.19	37.79 -0.11 -1.61	36.72 -0.07 -1.10	33.13 0.06 -1.19	31.59 0.03 -1.46	29.17 0.08 -1.28	24.55 0.02 -0.25	21.12 -0.06 -0.07
CLINTON_WT_PWR 323605	22.56 0.18 0.00	20.92 0.29 0.00	18.72 0.17 0.00	18.06 0.18 0.00	17.51 0.14 0.00	18.61 0.18 0.00	21.25 0.27 0.00	21.34 0.36 0.00	23.02 0.32 0.00	21.58 0.26 0.00	22.01 0.17 0.00	23.60 -0.02 0.00	24.56 0.07 0.00	27.17 0.16 0.00	27.97 0.25 0.00	28.82 0.26 0.00	33.85 0.34 0.00	36.76 0.47 0.00	36.23 0.54 0.00	32.42 0.54 0.00	30.57 0.48 0.00	28.05 0.25 0.00	24.27 0.00 0.00	21.15 0.04 0.00
CLINTON___LFGE 323618	22.77 0.38 0.00	21.08 0.45 0.00	18.85 0.30 0.00	18.21 0.32 0.00	17.64 0.26 0.00	18.75 0.33 0.00	21.44 0.46 0.00	21.55 0.57 0.00	23.25 0.54 0.00	21.77 0.45 0.00	22.20 0.37 0.00	23.79 0.17 0.00	24.79 0.29 0.00	27.41 0.41 0.00	28.25 0.53 0.00	29.08 0.51 0.00	34.22 0.70 0.00	37.20 0.91 0.00	36.66 0.96 0.00	32.83 0.96 0.00	30.97 0.87 0.00	28.36 0.56 0.00	24.49 0.22 0.00	21.34 0.23 0.00
COBBLENY_34_KV_TB1 80064	22.79 0.40 0.00	20.67 0.04 0.00	18.57 0.02 0.00	17.96 0.07 0.00	17.52 0.14 0.00	18.55 0.13 0.00	20.66 -0.38 -0.06	20.74 -0.27 -0.03	22.46 -0.25 0.00	21.32 0.00 0.00	22.47 0.63 0.00	24.49 0.87 0.00	25.40 0.91 0.00	27.98 0.97 0.00	28.08 0.36 0.00	28.91 0.34 0.00	33.58 0.07 0.00	36.25 -0.04 0.00	35.58 -0.11 0.00	32.67 0.80 0.00	30.39 0.30 0.00	27.69 -0.11 0.00	24.78 0.51 0.00	21.18 -0.04 -0.12
COFFEEN___115KV_TB3 355620	22.90 0.51 0.00	21.10 0.47 0.00	18.89 0.33 0.00	18.22 0.34 0.00	17.76 0.38 0.00	18.83 0.41 0.00	21.42 0.42 -0.02	21.47 0.48 -0.01	23.09 0.39 0.00	21.57 0.26 0.00	21.99 0.15 0.00	24.00 0.38 0.00	24.86 0.37 0.00	27.68 0.30 -0.37	28.50 0.28 -0.50	29.00 0.11 -0.32	33.87 0.20 -0.16	38.08 0.44 -1.36	37.29 0.68 -0.92	33.90 1.02 -1.00	32.50 1.17 -1.23	29.69 0.81 -1.08	25.09 0.61 -0.21	21.59 0.44 -0.04
COLDSPRG_115KV_BK1 355956	23.51 1.12 0.00	21.31 0.68 0.00	19.13 0.58 0.00	18.48 0.59 0.00	18.04 0.66 0.00	19.16 0.74 0.00	21.25 0.21 -0.06	21.58 0.57 -0.03	23.36 0.66 0.00	22.21 0.90 0.00	23.38 1.55 0.00	25.39 1.77 0.00	26.38 1.89 0.00	29.00 2.00 0.00	29.19 1.47 0.00	30.02 1.46 0.00	34.89 1.37 0.00	37.63 1.34 0.00	36.91 1.21 0.00	33.85 1.98 0.00	31.48 1.38 0.00	28.81 1.00 0.00	25.61 1.33 0.00	21.74 0.51 -0.12
COLONIE_LFGE___ 323577	23.44 1.05 0.00	21.54 0.91 0.00	19.41 0.85 0.00	18.69 0.81 0.00	18.16 0.78 0.00	19.27 0.85 0.00	22.44 1.01 -0.45	22.27 1.07 -0.23	23.86 1.16 0.00	22.32 1.00 0.00	22.79 0.96 0.00	24.61 0.99 0.00	25.42 1.03 0.10	27.87 1.16 0.30	28.31 1.03 0.44	29.28 1.23 0.51	34.16 1.51 0.86	37.38 1.67 0.58	37.30 1.61 0.00	33.24 1.37 0.00	31.45 1.36 0.00	29.03 1.22 0.00	25.51 1.24 0.00	23.18 1.10 -0.98
COOPERNY_115KV_TB1 80082	23.21 0.83 0.00	21.31 0.68 0.00	19.17 0.61 0.00	18.46 0.57 0.00	17.93 0.56 0.00	18.99 0.57 0.00	21.95 0.73 -0.23	21.96 0.86 -0.12	23.68 0.98 0.00	22.28 0.96 0.00	22.75 0.92 0.00	24.64 1.02 0.00	25.55 1.03 -0.03	28.20 1.11 -0.09	29.08 1.22 -0.14	30.04 1.31 -0.16	35.36 1.58 -0.27	38.14 1.67 -0.18	37.30 1.61 0.00	33.05 1.18 0.00	31.21 1.11 0.00	28.97 1.17 0.00	25.27 1.00 0.00	22.52 0.91 -0.51
COPENHAGEN_WT_PWR 323753	22.70 0.31 0.00	20.90 0.27 0.00	18.76 0.20 0.00	18.06 0.18 0.00	17.59 0.21 0.00	18.66 0.24 0.00	21.23 0.23 -0.02	21.28 0.29 -0.01	22.91 0.20 0.00	21.43 0.11 0.00	21.86 0.02 0.00	23.81 0.19 0.00	24.66 0.17 0.00	27.51 0.11 -0.39	28.44 0.20 -0.52	28.84 -0.06 -0.33	33.64 -0.03 -0.16	37.86 0.15 -1.42	37.02 0.36 -0.97	33.63 0.70 -1.05	32.14 0.75 -1.29	29.49 0.56 -1.13	24.88 0.39 -0.22	21.40 0.25 -0.04
CORNELL___ 23752	22.92 0.54 0.00	21.00 0.37 0.00	18.87 0.32 0.00	18.21 0.32 0.00	17.71 0.33 0.00	18.79 0.37 0.00	21.39 0.34 -0.07	21.37 0.36 -0.04	23.07 0.36 0.00	21.66 0.34 0.00	22.29 0.46 0.00	24.24 0.61 0.00	25.15 0.66 0.00	27.92 0.68 -0.24	28.62 0.58 -0.32	29.37 0.60 -0.20	34.32 0.70 -0.10	37.92 0.76 -0.87	37.18 0.89 -0.59	33.57 1.05 -0.64	31.85 0.96 -0.79	29.22 0.72 -0.69	25.06 0.66 -0.14	21.70 0.44 -0.15
CORONA_AAV_69_KV_TB1 355595	31.76 1.97 -7.41	22.63 1.69 -0.31	21.53 1.52 -1.45	19.37 1.48 0.00	18.78 1.41 0.00	19.90 1.47 0.00	23.13 1.78 -0.36	25.34 2.04 -2.33	26.14 2.25 -1.19	23.39 2.07 0.00	25.77 2.12 -1.82	27.01 2.24 -1.14	26.93 2.35 -0.08	30.00 2.51 -0.49	31.33 2.66 -0.95	32.89 2.91 -1.41	37.53 3.45 -0.56	46.15 3.70 -6.16	46.02 3.50 -6.83	41.19 2.68 -6.63	43.27 2.50 -10.68	38.63 2.64 -8.19	33.69 2.40 -7.02	30.84 2.07 -7.67
CORTLAND_115KV_TB3 80093	22.72 0.34 0.00	20.84 0.21 0.00	18.74 0.19 0.00	18.06 0.18 0.00	17.58 0.21 0.00	18.64 0.22 0.00	21.23 0.19 -0.06	21.22 0.21 -0.03	22.93 0.23 0.00	21.55 0.23 0.00	22.16 0.33 0.00	24.09 0.47 0.00	24.98 0.49 0.00	27.74 0.49 -0.25	28.47 0.42 -0.33	29.21 0.43 -0.21	34.09 0.47 -0.10	37.70 0.51 -0.91	36.88 0.57 -0.62	33.21 0.67 -0.67	31.52 0.60 -0.82	28.97 0.44 -0.72	24.82 0.41 -0.14	21.51 0.27 -0.13
COXSACKIE___GT 23611	23.78 1.39 0.00	21.78 1.15 0.00	19.54 0.98 0.00	18.81 0.93 0.00	18.30 0.92 0.00	19.45 1.03 0.00	22.61 1.22 -0.42	22.40 1.22 -0.21	24.11 1.41 0.00	22.38 1.07 0.00	22.86 1.03 0.00	24.57 0.95 0.00	25.61 1.15 0.04	28.36 1.46 0.10	28.98 1.41 0.15	29.96 1.57 0.18	35.26 2.04 0.30	38.48 2.39 0.20	38.01 2.32 0.00	34.01 2.14 0.00	32.23 2.14 0.00	29.75 1.95 0.00	25.90 1.63 0.00	23.25 1.24 -0.90
CPV_VALLEY___CC1 323721	23.30 0.92 0.00	21.39 0.76 0.00	19.22 0.67 0.00	18.55 0.66 0.00	18.00 0.62 0.00	19.07 0.64 0.00	22.11 0.84 -0.29	22.13 1.01 -0.14	23.84 1.13 0.00	22.41 1.09 0.00	22.88 1.05 0.00	24.75 1.13 0.00	25.69 1.15 -0.05	28.41 1.27 -0.14	29.11 1.19 -0.20	30.28 1.48 -0.23	35.68 1.77 -0.39	38.51 1.96 -0.27	37.51 1.82 0.00	33.18 1.31 0.00	31.33 1.23 0.00	28.97 1.17 0.00	25.39 1.12 0.00	22.76 1.03 -0.62

CPV_VALLEY___CC2 323722	23.30 0.92 0.00	21.39 0.76 0.00	19.22 0.67 0.00	18.55 0.66 0.00	18.00 0.62 0.00	19.07 0.64 0.00	22.11 0.84 -0.29	22.13 1.01 -0.14	23.84 1.13 0.00	22.41 1.09 0.00	22.88 1.05 0.00	24.75 1.13 0.00	25.69 1.15 -0.05	28.41 1.27 -0.14	29.11 1.19 -0.20	30.28 1.48 -0.23	35.68 1.77 -0.39	38.51 1.96 -0.27	37.51 1.82 0.00	33.18 1.31 0.00	31.33 1.23 0.00	28.97 1.17 0.00	25.39 1.12 0.00	22.76 1.03 -0.62
CRESCENT___HYD 24018	23.44 1.05 0.00	21.54 0.91 0.00	19.41 0.85 0.00	18.69 0.81 0.00	18.16 0.78 0.00	19.27 0.85 0.00	22.44 1.01 -0.45	22.27 1.07 -0.23	23.86 1.16 0.00	22.32 1.00 0.00	22.79 0.96 0.00	24.61 0.99 0.00	25.42 1.03 0.10	27.87 1.16 0.30	28.31 1.03 0.44	29.28 1.23 0.51	34.16 1.51 0.86	37.38 1.67 0.58	37.30 1.61 0.00	33.24 1.37 0.00	31.45 1.36 0.00	29.03 1.22 0.00	25.51 1.24 0.00	23.18 1.10 -0.98
CRICKET___VALLEY_CC1 323756	23.55 1.16 0.00	21.64 1.01 0.00	19.46 0.91 0.00	18.76 0.88 0.00	18.21 0.83 0.00	19.29 0.87 0.00	22.46 1.11 -0.37	22.40 1.24 -0.18	24.07 1.36 0.00	22.58 1.26 0.00	22.99 1.16 0.00	24.80 1.18 0.00	24.62 1.15 1.03	25.35 1.30 2.95	24.54 1.19 4.37	25.00 1.51 5.08	26.84 1.84 8.52	32.52 1.99 5.76	37.51 1.82 0.00	33.21 1.34 0.00	31.42 1.32 0.00	29.06 1.25 0.00	25.51 1.24 0.00	23.13 1.22 -0.80
CRICKET___VALLEY_CC2 323757	23.55 1.16 0.00	21.64 1.01 0.00	19.46 0.91 0.00	18.76 0.88 0.00	18.21 0.83 0.00	19.29 0.87 0.00	22.46 1.11 -0.37	22.40 1.24 -0.18	24.07 1.36 0.00	22.58 1.26 0.00	22.99 1.16 0.00	24.80 1.18 0.00	24.62 1.15 1.03	25.35 1.30 2.95	24.54 1.19 4.37	25.00 1.51 5.08	26.84 1.84 8.52	32.52 1.99 5.76	37.51 1.82 0.00	33.21 1.34 0.00	31.42 1.32 0.00	29.06 1.25 0.00	25.51 1.24 0.00	23.13 1.22 -0.80
CRICKET___VALLEY_CC3 323758	23.55 1.16 0.00	21.64 1.01 0.00	19.46 0.91 0.00	18.76 0.88 0.00	18.21 0.83 0.00	19.29 0.87 0.00	22.46 1.11 -0.37	22.40 1.24 -0.18	24.07 1.36 0.00	22.58 1.26 0.00	22.99 1.16 0.00	24.80 1.18 0.00	24.62 1.15 1.03	25.35 1.30 2.95	24.54 1.19 4.37	25.00 1.51 5.08	26.84 1.84 8.52	32.52 1.99 5.76	37.51 1.82 0.00	33.21 1.34 0.00	31.42 1.32 0.00	29.06 1.25 0.00	25.51 1.24 0.00	23.13 1.22 -0.80
CRUCIBLE_METL_DRP 24180	22.41 0.02 0.00	20.57 -0.06 0.00	18.48 -0.07 0.00	17.83 -0.05 0.00	17.34 -0.03 0.00	18.39 -0.04 0.00	20.93 -0.08 -0.03	20.85 -0.15 -0.02	22.57 -0.14 0.00	21.21 -0.11 0.00	21.83 0.00 0.00	23.74 0.12 0.00	24.59 0.10 0.00	27.50 0.05 -0.44	28.28 -0.03 -0.59	28.88 -0.06 -0.38	33.60 -0.10 -0.19	37.75 -0.15 -1.61	36.68 -0.11 -1.10	33.13 0.06 -1.19	31.59 0.03 -1.46	29.03 -0.06 -1.28	24.52 0.00 -0.25	21.11 -0.06 -0.07
DAHOWA___HYDRO 323763	23.82 1.43 0.00	21.87 1.24 0.00	19.67 1.11 0.00	18.94 1.05 0.00	18.42 1.04 0.00	19.55 1.12 0.00	22.80 1.36 -0.46	22.66 1.45 -0.23	24.27 1.57 0.00	22.66 1.34 0.00	23.17 1.33 0.00	25.04 1.42 0.00	25.85 1.44 0.09	28.35 1.59 0.25	28.60 1.25 0.37	29.53 1.40 0.43	34.53 1.74 0.72	37.76 1.96 0.49	37.69 2.00 0.00	33.69 1.82 0.00	31.99 1.90 0.00	29.50 1.70 0.00	26.09 1.82 0.00	23.62 1.52 -0.99
DANC___LFGE 323619	22.48 0.09 0.00	20.67 0.04 0.00	18.56 0.00 0.00	17.87 -0.02 0.00	17.39 0.02 0.00	18.46 0.04 0.00	21.02 0.02 -0.02	21.01 0.02 -0.01	22.66 -0.05 0.00	21.23 -0.08 0.00	21.72 -0.11 0.00	23.62 0.00 0.00	24.49 0.00 0.00	27.42 -0.08 -0.49	28.38 0.00 -0.65	28.72 -0.26 -0.42	33.42 -0.30 -0.21	37.82 -0.25 -1.78	36.80 -0.11 -1.21	33.42 0.22 -1.32	31.98 0.27 -1.62	29.42 0.20 -1.42	24.67 0.12 -0.28	21.17 0.02 -0.05
DANSKAMMER___1 23586	23.82 1.43 0.00	21.81 1.18 0.00	19.59 1.04 0.00	18.90 1.02 0.00	18.33 0.96 0.00	19.43 1.01 0.00	22.63 1.30 -0.35	22.58 1.43 -0.17	24.36 1.66 0.00	22.85 1.54 0.00	23.34 1.51 0.00	25.20 1.58 0.00	26.16 1.62 -0.05	28.96 1.81 -0.15	29.69 1.75 -0.22	30.87 2.06 -0.25	36.48 2.55 -0.42	39.37 2.79 -0.29	38.33 2.64 0.00	33.88 2.01 0.00	31.99 1.90 0.00	29.64 1.83 0.00	25.92 1.65 0.00	23.33 1.48 -0.75
DANSKAMMER___2 23589	23.82 1.43 0.00	21.81 1.18 0.00	19.59 1.04 0.00	18.90 1.02 0.00	18.33 0.96 0.00	19.43 1.01 0.00	22.63 1.30 -0.35	22.58 1.43 -0.17	24.36 1.66 0.00	22.85 1.54 0.00	23.34 1.51 0.00	25.20 1.58 0.00	26.16 1.62 -0.05	28.96 1.81 -0.15	29.69 1.75 -0.22	30.87 2.06 -0.25	36.48 2.55 -0.42	39.37 2.79 -0.29	38.33 2.64 0.00	33.88 2.01 0.00	31.99 1.90 0.00	29.64 1.83 0.00	25.92 1.65 0.00	23.33 1.48 -0.75
DANSKAMMER___3 23590	23.82 1.43 0.00	21.81 1.18 0.00	19.59 1.04 0.00	18.90 1.02 0.00	18.33 0.96 0.00	19.43 1.01 0.00	22.63 1.30 -0.35	22.58 1.43 -0.17	24.36 1.66 0.00	22.85 1.54 0.00	23.34 1.51 0.00	25.20 1.58 0.00	26.16 1.62 -0.05	28.96 1.81 -0.15	29.69 1.75 -0.22	30.87 2.06 -0.25	36.48 2.55 -0.42	39.37 2.79 -0.29	38.33 2.64 0.00	33.88 2.01 0.00	31.99 1.90 0.00	29.64 1.83 0.00	25.92 1.65 0.00	23.33 1.48 -0.75
DANSKAMMER___4 23591	23.82 1.43 0.00	21.81 1.18 0.00	19.59 1.04 0.00	18.90 1.02 0.00	18.33 0.96 0.00	19.43 1.01 0.00	22.63 1.30 -0.35	22.58 1.43 -0.17	24.36 1.66 0.00	22.85 1.54 0.00	23.34 1.51 0.00	25.20 1.58 0.00	26.16 1.62 -0.05	28.96 1.81 -0.15	29.69 1.75 -0.22	30.87 2.06 -0.25	36.48 2.55 -0.42	39.37 2.79 -0.29	38.33 2.64 0.00	33.88 2.01 0.00	31.99 1.90 0.00	29.64 1.83 0.00	25.92 1.65 0.00	23.33 1.48 -0.75
DANSKAMMER___DIESEL 23592	23.82 1.43 0.00	21.81 1.18 0.00	19.61 1.06 0.00	18.90 1.02 0.00	18.33 0.96 0.00	19.45 1.03 0.00	22.63 1.30 -0.35	22.58 1.43 -0.17	24.36 1.66 0.00	22.85 1.53 0.00	23.34 1.51 0.00	25.20 1.58 0.00	26.16 1.62 -0.05	28.96 1.81 -0.15	29.91 1.97 -0.22	30.90 2.09 -0.25	36.48 2.55 -0.42	39.37 2.79 -0.28	38.33 2.64 0.00	33.85 1.98 0.00	31.99 1.90 0.00	29.81 2.00 0.00	25.92 1.65 0.00	23.33 1.48 -0.75
DARBY___SOLAR 323810	23.75 1.37 0.00	21.83 1.20 0.00	19.63 1.08 0.00	18.90 1.02 0.00	18.37 0.99 0.00	19.49 1.07 0.00	22.74 1.30 -0.46	22.59 1.38 -0.23	24.23 1.52 0.00	22.62 1.30 0.00	23.12 1.29 0.00	24.99 1.37 0.00	25.80 1.40 0.09	28.31 1.57 0.26	28.59 1.25 0.38	29.52 1.40 0.44	34.51 1.74 0.74	37.74 1.96 0.50	37.65 1.96 0.00	33.63 1.75 0.00	31.90 1.81 0.00	29.42 1.61 0.00	25.97 1.70 0.00	23.55 1.46 -0.99
DASHVILLE___HYD 23610	23.60 1.21 0.00	21.58 0.95 0.00	19.43 0.87 0.00	18.76 0.88 0.00	18.19 0.82 0.00	19.27 0.85 0.00	22.22 0.88 -0.36	22.36 1.20 -0.18	24.02 1.32 0.00	22.58 1.26 0.00	23.03 1.20 0.00	24.90 1.28 0.00	26.08 1.57 -0.02	28.77 1.70 -0.06	29.67 1.86 -0.09	30.73 2.06 -0.11	36.18 2.48 -0.19	39.14 2.72 -0.13	37.90 2.21 0.00	33.44 1.56 0.00	31.57 1.47 0.00	29.45 1.64 0.00	25.65 1.38 0.00	22.94 1.06 -0.78

DEERFIELD_69_KV_DEERFIELD LD 355887	33.11 3.31 -7.41	23.97 3.03 -0.31	22.87 2.86 -1.46	20.42 2.54 0.00	19.79 2.42 0.00	20.95 2.52 0.00	24.55 3.21 -0.36	26.84 3.52 -2.34	27.71 3.81 -1.19	23.98 2.66 0.00	26.58 2.93 -1.82	27.90 3.14 -1.14	27.61 3.04 -0.08	30.97 3.48 -0.49	32.47 3.80 -0.95	34.40 4.43 -1.41	39.28 5.19 -0.57	48.08 5.62 -6.16	47.91 5.39 -6.83	42.92 4.40 -6.65	45.03 4.24 -10.69	40.30 4.25 -8.24	36.83 3.83 -8.72	31.98 3.21 -7.67
DELAWARE___LFGE 323621	23.19 0.81 0.00	21.29 0.66 0.00	19.15 0.59 0.00	18.46 0.57 0.00	17.93 0.56 0.00	19.01 0.59 0.00	21.82 0.71 -0.13	21.86 0.82 -0.06	23.61 0.91 0.00	22.17 0.85 0.00	22.69 0.85 0.00	24.59 0.97 0.00	25.47 0.98 0.00	28.17 1.08 -0.08	28.94 1.11 -0.11	29.78 1.14 -0.07	34.92 1.37 -0.03	38.04 1.45 -0.30	37.36 1.46 -0.21	33.37 1.27 -0.22	31.57 1.20 -0.27	29.16 1.11 -0.24	25.26 0.95 -0.05	22.16 0.78 -0.27
DERFIELD_115KV_TB7 355931	22.48 0.09 0.00	20.67 0.04 0.00	18.59 0.04 0.00	17.94 0.05 0.00	17.43 0.05 0.00	18.48 0.06 0.00	21.04 0.06 0.00	21.04 0.06 0.00	22.77 0.07 0.00	21.38 0.06 0.00	21.90 0.07 0.00	23.72 0.09 0.00	24.59 0.10 0.00	27.11 0.11 0.00	27.81 0.08 0.00	28.65 0.09 0.00	33.61 0.10 0.00	36.40 0.11 0.00	35.80 0.11 0.00	31.97 0.10 0.00	30.18 0.09 0.00	27.92 0.11 0.00	24.34 0.07 0.00	21.17 0.06 0.00
DOGLEVILLE___HYD 23807	22.45 0.07 0.00	20.69 0.06 0.00	18.70 0.15 0.00	18.01 0.13 0.00	17.51 0.14 0.00	18.57 0.15 0.00	21.04 0.06 0.00	21.02 0.04 0.00	22.75 0.05 0.00	21.36 0.04 0.00	21.86 0.02 0.00	23.83 0.21 0.00	24.71 0.22 0.00	27.09 0.08 0.00	27.81 0.08 0.00	28.59 0.03 0.00	33.58 0.07 0.00	36.40 0.11 0.00	35.84 0.14 0.00	32.04 0.16 0.00	30.24 0.15 0.00	27.94 0.14 0.00	24.39 0.12 0.00	21.15 0.04 0.00
DUNKIRK___115KV_TB_200 55889	23.13 0.74 0.00	20.96 0.33 0.00	18.83 0.28 0.00	18.19 0.30 0.00	17.74 0.36 0.00	18.81 0.39 0.00	20.99 -0.04 -0.05	21.07 0.06 -0.03	22.82 0.11 0.00	21.70 0.38 0.00	22.86 1.03 0.00	24.87 1.25 0.00	25.79 1.30 0.00	28.41 1.40 0.00	28.55 0.83 0.00	29.36 0.80 0.00	34.08 0.57 0.00	36.80 0.51 0.00	36.08 0.39 0.00	33.12 1.24 0.00	30.82 0.72 0.00	28.14 0.33 0.00	25.10 0.83 0.00	21.50 0.27 -0.12
DUNKIRK___1 23563	23.13 0.74 0.00	20.96 0.33 0.00	18.83 0.28 0.00	18.19 0.30 0.00	17.74 0.36 0.00	18.81 0.39 0.00	20.99 -0.04 -0.05	21.07 0.06 -0.03	22.82 0.11 0.00	21.70 0.38 0.00	22.86 1.03 0.00	24.87 1.25 0.00	25.79 1.30 0.00	28.41 1.40 0.00	28.55 0.83 0.00	29.36 0.80 0.00	34.08 0.57 0.00	36.80 0.51 0.00	36.08 0.39 0.00	33.12 1.24 0.00	30.82 0.72 0.00	28.14 0.33 0.00	25.10 0.83 0.00	21.50 0.27 -0.12
DUNKIRK___2 23564	23.13 0.74 0.00	20.96 0.33 0.00	18.83 0.28 0.00	18.19 0.30 0.00	17.74 0.36 0.00	18.81 0.39 0.00	20.99 -0.04 -0.05	21.07 0.06 -0.03	22.82 0.11 0.00	21.70 0.38 0.00	22.86 1.03 0.00	24.87 1.25 0.00	25.79 1.30 0.00	28.41 1.40 0.00	28.55 0.83 0.00	29.36 0.80 0.00	34.08 0.57 0.00	36.80 0.51 0.00	36.08 0.39 0.00	33.12 1.24 0.00	30.82 0.72 0.00	28.14 0.33 0.00	25.10 0.83 0.00	21.50 0.27 -0.12
DUNKIRK___3 23565	22.95 0.56 0.00	20.82 0.19 0.00	18.70 0.15 0.00	18.06 0.18 0.00	17.60 0.23 0.00	18.66 0.24 0.00	20.83 -0.21 -0.05	20.90 -0.10 -0.03	22.62 -0.09 0.00	21.51 0.19 0.00	22.64 0.81 0.00	24.64 1.02 0.00	25.54 1.05 0.00	28.14 1.13 0.00	28.28 0.55 0.00	29.11 0.54 0.00	33.78 0.27 0.00	36.47 0.18 0.00	35.80 0.11 0.00	32.83 0.96 0.00	30.54 0.45 0.00	27.89 0.08 0.00	24.90 0.63 0.00	21.33 0.11 -0.12
DUNKIRK___4 23566	22.95 0.56 0.00	20.82 0.19 0.00	18.70 0.15 0.00	18.06 0.18 0.00	17.60 0.23 0.00	18.66 0.24 0.00	20.83 -0.21 -0.05	20.90 -0.10 -0.03	22.62 -0.09 0.00	21.51 0.19 0.00	22.64 0.81 0.00	24.64 1.02 0.00	25.54 1.05 0.00	28.14 1.13 0.00	28.28 0.55 0.00	29.11 0.54 0.00	33.78 0.27 0.00	36.47 0.18 0.00	35.80 0.11 0.00	32.83 0.96 0.00	30.54 0.45 0.00	27.89 0.08 0.00	24.90 0.63 0.00	21.33 0.11 -0.12
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.82 1.43 0.00	21.83 1.20 0.00	19.65 1.09 0.00	18.92 1.04 0.00	18.35 0.97 0.00	19.45 1.03 0.00	22.65 1.32 -0.35	22.73 1.57 -0.17	24.52 1.82 0.00	23.05 1.73 0.00	23.51 1.68 0.00	25.44 1.82 0.00	26.42 1.86 -0.07	29.25 2.05 -0.19	30.20 2.19 -0.29	31.27 2.37 -0.34	36.86 2.78 -0.56	39.68 3.01 -0.38	38.48 2.78 0.00	33.88 2.01 0.00	31.99 1.90 0.00	29.89 2.09 0.00	26.04 1.77 0.00	23.44 1.58 -0.75
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	23.64 1.25 0.00	21.64 1.01 0.00	19.48 0.93 0.00	18.76 0.88 0.00	18.21 0.83 0.00	19.31 0.88 0.00	22.42 1.11 -0.33	22.41 1.26 -0.17	24.14 1.43 0.00	22.68 1.36 0.00	23.17 1.33 0.00	25.04 1.42 0.00	25.99 1.44 -0.05	28.77 1.62 -0.14	29.68 1.75 -0.21	30.73 1.91 -0.25	36.21 2.28 -0.42	39.07 2.50 -0.28	38.01 2.32 0.00	33.63 1.75 0.00	31.75 1.66 0.00	29.56 1.75 0.00	25.73 1.46 0.00	23.14 1.31 -0.72
E179THST_138_KV_TB4_REV_LBMP_J 345001	24.05 1.66 -0.01	22.00 1.36 -0.01	19.81 1.24 -0.01	19.09 1.20 -0.01	18.47 1.09 0.00	19.44 1.01 0.00	22.56 1.24 -0.35	22.81 1.66 -0.17	24.52 1.82 0.00	23.11 1.79 0.00	23.54 1.70 0.00	25.51 1.89 0.00	26.42 1.86 -0.07	29.39 2.19 -0.19	30.39 2.38 -0.29	31.45 2.54 -0.34	36.82 2.75 -0.56	39.83 3.16 -0.38	38.58 2.89 0.00	33.66 1.78 0.00	31.87 1.78 0.00	30.11 2.31 0.00	26.34 2.06 -0.01	23.66 1.79 -0.76
E179THST_13_KV_LOAD 356214	24.16 1.77 -0.01	22.08 1.44 -0.01	19.90 1.34 -0.01	19.18 1.29 -0.01	18.54 1.16 0.00	19.53 1.11 0.00	22.67 1.34 -0.35	22.92 1.76 -0.17	24.64 1.93 0.00	23.22 1.90 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.57 2.01 -0.07	29.52 2.32 -0.19	30.56 2.55 -0.29	31.62 2.71 -0.34	37.02 2.95 -0.56	40.08 3.41 -0.38	38.80 3.11 0.00	33.82 1.94 0.00	32.02 1.93 0.00	30.28 2.47 0.00	26.46 2.18 -0.01	23.76 1.90 -0.76
EAST HAMPTON___GT 23717	33.46 3.67 -7.41	24.32 3.38 -0.31	22.91 2.89 -1.46	20.70 2.81 -0.01	20.06 2.67 -0.01	21.17 2.75 0.00	24.91 3.57 -0.36	27.20 3.88 -2.34	28.09 4.20 -1.19	24.34 3.03 0.00	26.99 3.34 -1.82	28.38 3.61 -1.14	28.08 3.50 -0.08	31.51 4.02 -0.49	32.80 4.13 -0.95	34.89 4.91 -1.41	39.96 5.86 -0.58	48.84 6.39 -6.16	48.66 6.14 -6.83	43.59 5.07 -6.65	45.66 4.87 -10.69	40.69 4.64 -8.24	37.24 4.25 -8.72	32.34 3.57 -7.67
EAST RIVER___6 23660	23.84 1.45 0.00	21.81 1.18 0.00	19.63 1.08 0.00	18.96 1.07 0.00	18.37 0.99 0.00	19.40 0.98 0.00	22.61 1.28 -0.35	22.77 1.62 -0.17	24.54 1.84 0.00	23.13 1.81 0.00	23.56 1.72 0.00	25.44 1.82 0.00	26.42 1.86 -0.07	29.31 2.11 -0.19	29.95 1.94 -0.29	31.33 2.43 -0.34	36.92 2.85 -0.56	39.79 3.12 -0.38	38.55 2.86 0.00	33.82 1.94 0.00	31.99 1.90 0.00	29.70 1.89 0.00	26.17 1.89 0.00	23.52 1.67 -0.75

EAST_RIVER___7 23524	23.84 1.45 0.00	21.81 1.18 0.00	19.63 1.08 0.00	18.96 1.07 0.00	18.37 0.99 0.00	19.40 0.98 0.00	22.61 1.28 -0.35	22.77 1.62 -0.17	24.54 1.84 0.00	23.13 1.81 0.00	23.56 1.72 0.00	25.44 1.82 0.00	26.42 1.86 -0.07	29.31 2.11 -0.19	29.95 1.94 -0.29	31.33 2.43 -0.34	36.92 2.85 -0.56	39.79 3.12 -0.38	38.55 2.86 0.00	33.82 1.94 0.00	31.99 1.90 0.00	29.70 1.89 0.00	26.17 1.89 0.00	23.52 1.67 -0.75
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.77 1.39 0.00	21.79 1.16 0.00	19.61 1.06 0.00	18.90 1.02 0.00	18.31 0.94 0.00	19.42 0.99 0.00	22.60 1.28 -0.34	22.66 1.51 -0.17	24.43 1.73 0.00	22.98 1.66 0.00	23.45 1.62 0.00	25.35 1.72 0.00	26.35 1.79 -0.07	29.14 1.94 -0.19	30.12 2.11 -0.29	31.15 2.26 -0.33	36.75 2.68 -0.56	39.57 2.90 -0.38	38.37 2.68 0.00	33.82 1.94 0.00	31.93 1.84 0.00	29.81 2.00 0.00	25.99 1.72 0.00	23.37 1.52 -0.75
EAST_HAMPTON___DIESEL 23722	33.46 3.67 -7.41	24.32 3.38 -0.31	22.91 2.89 -1.46	20.72 2.82 -0.01	20.08 2.69 -0.01	21.17 2.75 0.00	24.91 3.57 -0.36	27.22 3.90 -2.34	28.11 4.22 -1.19	24.34 3.03 0.00	26.99 3.34 -1.82	28.38 3.61 -1.14	28.08 3.50 -0.08	31.51 4.02 -0.49	32.80 4.13 -0.95	34.89 4.91 -1.41	40.00 5.90 -0.58	48.84 6.39 -6.16	48.66 6.14 -6.83	43.59 5.07 -6.65	45.66 4.87 -10.69	40.72 4.67 -8.24	37.24 4.25 -8.72	32.34 3.57 -7.67
EAST_PULASKI___ESR 323781	22.25 -0.13 0.00	20.44 -0.19 0.00	18.37 -0.19 0.00	17.71 -0.18 0.00	17.24 -0.14 0.00	18.27 -0.15 0.00	20.82 -0.19 -0.02	20.74 -0.25 -0.01	22.43 -0.27 0.00	21.04 -0.28 0.00	21.59 -0.24 0.00	23.48 -0.14 0.00	24.32 -0.17 0.00	27.46 -0.24 -0.70	28.35 -0.30 -0.93	28.68 -0.49 -0.60	33.17 -0.64 -0.29	38.18 -0.65 -2.54	36.85 -0.57 -1.73	33.43 -0.32 -1.88	32.19 -0.21 -2.31	29.64 -0.19 -2.03	24.50 -0.17 -0.40	20.97 -0.19 -0.05
EAST_RIVER___1 323558	23.86 1.48 0.00	21.85 1.22 0.00	19.65 1.09 0.00	18.96 1.07 0.00	18.37 0.99 0.00	19.43 1.01 0.00	22.67 1.34 -0.35	22.79 1.64 -0.17	24.59 1.88 0.00	23.13 1.81 0.00	23.58 1.75 0.00	25.53 1.91 0.00	26.52 1.96 -0.07	29.33 2.13 -0.19	29.98 1.97 -0.29	31.33 2.43 -0.34	36.92 2.85 -0.56	39.79 3.12 -0.38	38.55 2.86 0.00	33.85 1.98 0.00	31.99 1.90 0.00	29.70 1.89 0.00	26.11 1.84 0.00	23.50 1.65 -0.75
EAST_RIVER___2 323559	23.84 1.45 0.00	21.81 1.18 0.00	19.63 1.08 0.00	18.96 1.07 0.00	18.37 0.99 0.00	19.40 0.98 0.00	22.61 1.28 -0.35	22.77 1.62 -0.17	24.54 1.84 0.00	23.13 1.81 0.00	23.56 1.72 0.00	25.44 1.82 0.00	26.42 1.86 -0.07	29.31 2.11 -0.19	29.95 1.94 -0.29	31.33 2.43 -0.34	36.92 2.85 -0.56	39.79 3.12 -0.38	38.55 2.86 0.00	33.82 1.94 0.00	31.99 1.90 0.00	29.70 1.89 0.00	26.17 1.89 0.00	23.52 1.67 -0.75
EAST___DELAWARE_HYD 23607	23.42 1.03 0.00	21.41 0.78 0.00	19.19 0.63 0.00	18.49 0.61 0.00	17.95 0.57 0.00	19.03 0.61 0.00	22.16 0.88 -0.30	22.14 1.01 -0.15	23.84 1.13 0.00	22.41 1.09 0.00	22.86 1.03 0.00	24.61 0.99 0.00	25.55 1.03 -0.03	28.36 1.27 -0.09	29.08 1.22 -0.14	30.26 1.54 -0.16	35.69 1.91 -0.26	38.64 2.18 -0.18	37.73 2.03 0.00	33.40 1.53 0.00	31.54 1.44 0.00	29.19 1.39 0.00	25.48 1.21 0.00	22.85 1.10 -0.65
EIGHT_POINT___WT_PWR 323820	23.15 0.76 0.00	21.04 0.41 0.00	18.96 0.41 0.00	18.28 0.39 0.00	17.81 0.43 0.00	18.94 0.52 0.00	21.21 0.17 -0.07	21.27 0.25 -0.03	22.98 0.27 0.00	21.75 0.43 0.00	22.71 0.87 0.00	24.78 1.16 0.00	25.71 1.22 0.00	28.39 1.30 -0.09	29.45 1.61 -0.12	29.72 1.09 -0.07	34.49 0.94 -0.04	37.59 0.98 -0.32	36.91 1.00 -0.22	33.64 1.53 -0.24	31.59 1.20 -0.29	29.50 1.44 -0.25	25.32 1.00 -0.05	21.65 0.40 -0.14
ELBRIDGE_115KV_TB2 80188	22.36 -0.02 0.00	20.51 -0.12 0.00	18.44 -0.11 0.00	17.78 -0.11 0.00	17.29 -0.09 0.00	18.33 -0.09 0.00	20.89 -0.13 -0.04	20.81 -0.19 -0.02	22.52 -0.18 0.00	21.17 -0.15 0.00	21.79 -0.04 0.00	23.64 0.02 0.00	24.52 0.02 0.00	27.48 0.00 -0.47	28.27 -0.08 -0.63	28.88 -0.09 -0.40	33.54 -0.17 -0.20	37.79 -0.22 -1.72	36.68 -0.18 -1.17	33.18 0.03 -1.27	31.62 -0.03 -1.56	29.06 -0.11 -1.37	24.49 -0.05 -0.27	21.08 -0.11 -0.08
ELEC_TRO_TEK 24086	31.63 1.84 -7.41	22.51 1.57 -0.31	21.43 1.43 -1.45	19.26 1.38 0.00	18.66 1.29 0.00	19.77 1.34 0.00	23.02 1.68 -0.36	25.26 1.95 -2.33	26.05 2.16 -1.19	23.28 1.96 0.00	25.64 1.99 -1.82	26.87 2.10 -1.14	26.75 2.18 -0.08	29.84 2.35 -0.49	31.17 2.49 -0.95	32.72 2.74 -1.41	37.33 3.25 -0.56	45.90 3.45 -6.16	45.73 3.21 -6.83	40.96 2.45 -6.63	43.09 2.32 -10.68	38.44 2.45 -8.19	33.50 2.21 -7.02	30.70 1.92 -7.67
ELLENBURG_WT_PWR 323604	22.56 0.18 0.00	20.92 0.29 0.00	18.72 0.17 0.00	18.06 0.18 0.00	17.51 0.14 0.00	18.61 0.18 0.00	21.25 0.27 0.00	21.34 0.36 0.00	23.02 0.32 0.00	21.58 0.26 0.00	22.01 0.17 0.00	23.60 -0.02 0.00	24.56 0.07 0.00	27.17 0.16 0.00	27.97 0.25 0.00	28.82 0.26 0.00	33.85 0.34 0.00	36.76 0.47 0.00	36.23 0.54 0.00	32.42 0.54 0.00	30.57 0.48 0.00	28.05 0.25 0.00	24.27 0.00 0.00	21.15 0.04 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.63 0.25 0.00	20.53 -0.10 0.00	18.46 -0.09 0.00	17.83 -0.05 0.00	17.39 0.02 0.00	18.42 0.00 0.00	20.61 -0.42 -0.05	20.54 -0.46 -0.03	22.23 -0.48 0.00	21.13 -0.19 0.00	22.27 0.44 0.00	24.24 0.61 0.00	25.10 0.61 0.00	27.68 0.68 0.00	27.72 0.00 0.00	28.54 -0.03 0.00	33.08 -0.44 0.00	35.71 -0.58 0.00	35.05 -0.64 0.00	32.23 0.35 0.00	30.00 -0.09 0.00	27.36 -0.44 0.00	24.54 0.27 0.00	21.09 -0.13 -0.11
EMPIRE_CC_1 323656	23.08 0.69 0.00	21.27 0.64 0.00	19.22 0.67 0.00	18.51 0.63 0.00	17.98 0.61 0.00	19.05 0.63 0.00	22.10 0.69 -0.42	21.93 0.73 -0.21	23.52 0.82 0.00	21.98 0.66 0.00	22.40 0.57 0.00	24.19 0.57 0.00	24.99 0.64 0.14	27.34 0.73 0.39	27.75 0.61 0.58	28.72 0.83 0.67	33.43 1.04 1.12	36.62 1.09 0.76	36.73 1.04 0.00	32.67 0.80 0.00	30.93 0.84 0.00	28.56 0.75 0.00	25.07 0.80 0.00	22.79 0.76 -0.92
EMPIRE_CC_2 323658	23.08 0.69 0.00	21.27 0.64 0.00	19.22 0.67 0.00	18.51 0.63 0.00	17.98 0.61 0.00	19.05 0.63 0.00	22.10 0.69 -0.42	21.93 0.73 -0.21	23.52 0.82 0.00	21.98 0.66 0.00	22.40 0.57 0.00	24.19 0.57 0.00	24.99 0.64 0.14	27.34 0.73 0.39	27.75 0.61 0.58	28.72 0.83 0.67	33.43 1.04 1.12	36.62 1.09 0.76	36.73 1.04 0.00	32.67 0.80 0.00	30.93 0.84 0.00	28.56 0.75 0.00	25.07 0.80 0.00	22.79 0.76 -0.92
ENORWICH_115KV_TB1 80156	23.91 1.52 0.00	21.93 1.30 0.00	19.67 1.11 0.00	18.99 1.11 0.00	18.52 1.15 0.00	19.66 1.23 0.00	22.36 1.28 -0.10	22.39 1.36 -0.05	24.05 1.34 0.00	22.49 1.17 0.00	23.03 1.20 0.00	25.13 1.51 0.00	26.01 1.52 0.00	28.83 1.65 -0.18	29.57 1.61 -0.24	30.32 1.60 -0.15	35.60 2.01 -0.08	39.30 2.36 -0.66	38.71 2.57 -0.45	35.10 2.74 -0.48	33.40 2.71 -0.60	30.47 2.14 -0.52	26.07 1.70 -0.10	22.58 1.27 -0.21

ERIE_ST__34_KV_TB1-2 80199	22.79 0.40 0.00	20.65 0.02 0.00	18.56 0.00 0.00	17.94 0.05 0.00	17.50 0.12 0.00	18.55 0.13 0.00	20.45 -0.59 -0.05	20.71 -0.29 -0.03	22.46 -0.25 0.00	21.36 0.04 0.00	22.47 0.63 0.00	24.52 0.90 0.00	25.42 0.93 0.00	28.03 1.03 0.00	28.19 0.47 0.00	29.05 0.49 0.00	33.78 0.27 0.00	36.51 0.22 0.00	35.80 0.11 0.00	32.86 0.99 0.00	30.54 0.45 0.00	27.83 0.03 0.00	24.85 0.58 0.00	21.03 -0.19 -0.12
ERIE_WT_PWR 323693	22.77 0.38 0.00	20.65 0.02 0.00	18.61 0.06 0.00	17.94 0.05 0.00	17.50 0.12 0.00	18.57 0.15 0.00	20.66 -0.38 -0.05	20.69 -0.31 -0.03	22.39 -0.32 0.00	21.30 -0.02 0.00	22.40 0.57 0.00	24.40 0.78 0.00	25.30 0.81 0.00	27.87 0.86 0.00	29.00 1.28 0.00	29.02 0.46 0.00	33.58 0.07 0.00	36.25 -0.04 0.00	35.51 -0.18 0.00	32.58 0.70 0.00	30.36 0.27 0.00	28.67 0.86 0.00	24.80 0.53 0.00	21.16 -0.06 -0.12
ESPRGFLD_115KV_TB1 80157	23.71 1.32 0.00	21.79 1.16 0.00	19.58 1.02 0.00	18.80 0.91 0.00	18.30 0.92 0.00	19.44 1.01 0.00	22.14 1.26 0.10	22.34 1.41 0.05	24.21 1.50 0.00	22.68 1.36 0.00	23.19 1.35 0.00	25.16 1.54 0.00	26.02 1.57 0.04	28.63 1.73 0.10	29.37 1.80 0.15	30.22 1.83 0.17	35.33 2.11 0.29	38.49 2.40 0.20	38.15 2.46 0.00	34.20 2.33 0.00	32.32 2.23 0.00	29.81 2.00 0.00	25.92 1.65 0.00	22.20 1.31 0.21
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.90 0.51 0.00	20.98 0.35 0.00	18.85 0.30 0.00	18.19 0.30 0.00	17.69 0.31 0.00	18.77 0.35 0.00	21.37 0.31 -0.07	21.35 0.34 -0.04	23.05 0.34 0.00	21.64 0.32 0.00	22.27 0.44 0.00	24.21 0.59 0.00	25.10 0.61 0.00	27.90 0.65 -0.25	28.61 0.55 -0.33	29.35 0.57 -0.21	34.29 0.67 -0.10	37.92 0.73 -0.91	37.16 0.86 -0.62	33.53 0.99 -0.67	31.82 0.90 -0.82	29.22 0.70 -0.72	25.04 0.63 -0.14	21.68 0.42 -0.15
ETNA____115KV_TB2 80207	22.90 0.51 0.00	20.98 0.35 0.00	18.85 0.30 0.00	18.19 0.30 0.00	17.69 0.31 0.00	18.77 0.35 0.00	21.37 0.31 -0.07	21.35 0.34 -0.04	23.05 0.34 0.00	21.64 0.32 0.00	22.27 0.44 0.00	24.21 0.59 0.00	25.10 0.61 0.00	27.90 0.65 -0.25	28.61 0.55 -0.33	29.35 0.57 -0.21	34.29 0.67 -0.10	37.92 0.73 -0.91	37.16 0.86 -0.62	33.53 0.99 -0.67	31.82 0.90 -0.82	29.22 0.70 -0.72	25.04 0.63 -0.14	21.68 0.42 -0.15
EUCLID____115KV_TB2 356179	22.16 -0.22 0.00	20.34 -0.29 0.00	18.30 -0.26 0.00	17.65 -0.23 0.00	17.17 -0.21 0.00	18.20 -0.22 0.00	20.71 -0.29 -0.03	20.62 -0.38 -0.01	22.34 -0.36 0.00	21.00 -0.32 0.00	21.62 -0.22 0.00	23.48 -0.14 0.00	24.32 -0.17 0.00	26.97 -0.24 -0.20	27.66 -0.33 -0.27	28.37 -0.37 -0.17	33.13 -0.47 -0.09	36.49 -0.54 -0.74	35.70 -0.50 -0.50	32.10 -0.32 -0.55	30.44 -0.33 -0.67	28.01 -0.39 -0.59	24.12 -0.27 -0.12	20.89 -0.27 -0.06
E_CANADA_CAP_HY 24051	24.00 1.61 0.00	22.05 1.42 0.00	19.76 1.21 0.00	19.03 1.15 0.00	18.52 1.15 0.00	19.68 1.25 0.00	23.13 1.59 -0.56	22.98 1.72 -0.28	24.52 1.82 0.00	22.90 1.58 0.00	23.38 1.55 0.00	25.32 1.70 0.00	26.21 1.76 0.05	28.83 1.97 0.14	29.54 2.02 0.21	30.47 2.14 0.24	35.52 2.41 0.41	38.81 2.79 0.27	38.58 2.89 0.00	34.58 2.71 0.00	32.74 2.65 0.00	30.31 2.50 0.00	26.33 2.06 0.00	23.99 1.67 -1.22
E_CANADA_MHWK_HY 24050	22.45 0.07 0.00	20.69 0.06 0.00	18.70 0.15 0.00	18.01 0.13 0.00	17.51 0.14 0.00	18.57 0.15 0.00	21.04 0.06 0.00	21.02 0.04 0.00	22.75 0.05 0.00	21.36 0.04 0.00	21.86 0.02 0.00	23.83 0.21 0.00	24.71 0.22 0.00	27.09 0.08 0.00	27.81 0.08 0.00	28.59 0.03 0.00	33.58 0.07 0.00	36.40 0.11 0.00	35.84 0.14 0.00	32.04 0.16 0.00	30.24 0.15 0.00	27.94 0.14 0.00	24.39 0.12 0.00	21.15 0.04 0.00
E_FISHKILL____LBMP 23776	23.64 1.25 0.00	21.68 1.05 0.00	19.52 0.96 0.00	18.80 0.91 0.00	18.23 0.85 0.00	19.32 0.90 0.00	22.49 1.15 -0.36	22.50 1.34 -0.18	24.23 1.52 0.00	22.77 1.45 0.00	23.21 1.38 0.00	25.09 1.46 0.00	26.05 1.49 -0.07	28.85 1.65 -0.20	29.79 1.77 -0.30	30.82 1.91 -0.35	36.37 2.28 -0.58	39.15 2.47 -0.39	37.98 2.28 0.00	33.56 1.69 0.00	31.69 1.59 0.00	29.53 1.72 0.00	25.75 1.48 0.00	23.23 1.35 -0.77
FALCON____SEABRD_CC1 323796	22.83 0.45 0.00	21.15 0.52 0.00	18.91 0.35 0.00	18.24 0.36 0.00	17.69 0.31 0.00	18.79 0.37 0.00	21.48 0.50 0.00	21.59 0.61 0.00	23.30 0.59 0.00	21.81 0.49 0.00	22.27 0.44 0.00	23.86 0.24 0.00	24.83 0.34 0.00	27.52 0.51 0.00	28.33 0.61 0.00	29.16 0.60 0.00	34.28 0.77 0.00	37.23 0.94 0.00	36.69 1.00 0.00	32.83 0.96 0.00	31.00 0.90 0.00	28.42 0.61 0.00	24.56 0.29 0.00	21.38 0.27 0.00
FALCON____SEABRD_CC2 323797	22.83 0.45 0.00	21.15 0.52 0.00	18.91 0.35 0.00	18.24 0.36 0.00	17.69 0.31 0.00	18.79 0.37 0.00	21.48 0.50 0.00	21.59 0.61 0.00	23.30 0.59 0.00	21.81 0.49 0.00	22.27 0.44 0.00	23.86 0.24 0.00	24.83 0.34 0.00	27.52 0.51 0.00	28.33 0.61 0.00	29.16 0.60 0.00	34.28 0.77 0.00	37.23 0.94 0.00	36.69 1.00 0.00	32.83 0.96 0.00	31.00 0.90 0.00	28.42 0.61 0.00	24.56 0.29 0.00	21.38 0.27 0.00
FAR ROCKAWAY____4 23548	31.96 2.17 -7.41	22.79 1.86 -0.31	21.69 1.69 -1.45	19.53 1.65 0.00	18.92 1.55 0.00	20.04 1.62 0.00	23.29 1.95 -0.36	25.51 2.20 -2.33	26.34 2.45 -1.19	23.56 2.24 0.00	25.97 2.31 -1.82	27.27 2.50 -1.14	27.17 2.60 -0.08	30.27 2.78 -0.49	31.53 2.86 -0.95	33.09 3.11 -1.41	37.79 3.72 -0.56	46.48 4.03 -6.16	46.31 3.78 -6.83	41.41 2.90 -6.63	43.51 2.74 -10.68	38.83 2.84 -8.19	33.86 2.57 -7.02	30.97 2.20 -7.67
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	23.89 1.50 0.00	21.87 1.24 0.00	19.69 1.13 0.00	18.98 1.09 0.00	18.37 0.99 0.00	19.47 1.05 0.00	22.69 1.36 -0.35	22.81 1.66 -0.17	24.61 1.91 0.00	23.17 1.85 0.00	23.62 1.79 0.00	25.56 1.94 0.00	26.54 1.98 -0.07	29.36 2.16 -0.19	30.34 2.33 -0.29	31.41 2.51 -0.33	36.99 2.92 -0.56	39.83 3.16 -0.38	38.58 2.89 0.00	33.88 2.01 0.00	31.99 1.90 0.00	29.97 2.17 0.00	26.16 1.89 0.00	23.52 1.67 -0.75
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	23.91 1.52 0.00	21.87 1.24 0.00	19.69 1.13 0.00	18.98 1.09 0.00	18.38 1.01 0.00	19.47 1.05 0.00	22.69 1.36 -0.35	22.81 1.66 -0.17	24.61 1.91 0.00	23.17 1.85 0.00	23.62 1.79 0.00	25.56 1.94 0.00	26.54 1.98 -0.07	29.36 2.16 -0.19	30.34 2.33 -0.29	31.41 2.51 -0.33	36.99 2.92 -0.56	39.83 3.16 -0.38	38.58 2.89 0.00	33.88 2.01 0.00	32.02 1.93 0.00	29.97 2.17 0.00	26.16 1.89 0.00	23.52 1.67 -0.75
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	23.89 1.50 0.00	21.85 1.22 0.00	19.67 1.11 0.00	18.98 1.09 0.00	18.37 0.99 0.00	19.45 1.03 0.00	22.67 1.34 -0.35	22.81 1.66 -0.17	24.59 1.88 0.00	23.17 1.85 0.00	23.60 1.77 0.00	25.53 1.91 0.00	26.52 1.96 -0.07	29.36 2.16 -0.19	30.31 2.30 -0.29	31.38 2.49 -0.33	36.96 2.88 -0.56	39.79 3.12 -0.38	38.55 2.86 0.00	33.85 1.98 0.00	31.99 1.90 0.00	29.95 2.14 0.00	26.14 1.87 0.00	23.50 1.65 -0.75

FARRAGUT___LBMP 323566	23.86 1.48 0.00	21.83 1.20 0.00	19.67 1.11 0.00	18.96 1.07 0.00	18.35 0.97 0.00	19.44 1.01 0.00	22.65 1.32 -0.35	22.79 1.64 -0.17	24.57 1.86 0.00	23.13 1.81 0.00	23.58 1.75 0.00	25.51 1.89 0.00	26.49 1.93 -0.07	29.33 2.13 -0.19	30.28 2.27 -0.29	31.36 2.46 -0.33	36.92 2.85 -0.56	39.75 3.08 -0.38	38.51 2.82 0.00	33.85 1.98 0.00	31.96 1.87 0.00	29.92 2.11 0.00	26.14 1.87 0.00	23.48 1.63 -0.75
FENNER___WINDPWR 24204	22.79 0.40 0.00	20.94 0.31 0.00	18.85 0.30 0.00	18.15 0.27 0.00	17.67 0.30 0.00	18.74 0.31 0.00	21.31 0.29 -0.04	21.33 0.33 -0.02	23.07 0.36 0.00	21.66 0.34 0.00	22.20 0.37 0.00	24.14 0.52 0.00	25.03 0.54 0.00	27.71 0.51 -0.19	28.56 0.58 -0.25	29.21 0.49 -0.16	34.20 0.60 -0.08	37.64 0.65 -0.69	36.88 0.71 -0.47	33.21 0.83 -0.51	31.48 0.75 -0.63	29.00 0.64 -0.55	24.86 0.49 -0.11	21.53 0.34 -0.08
FIBERTEK___ENERGY 23856	22.41 0.02 0.00	20.57 -0.06 0.00	18.48 -0.07 0.00	17.83 -0.05 0.00	17.34 -0.03 0.00	18.39 -0.04 0.00	20.93 -0.08 -0.03	20.85 -0.15 -0.02	22.57 -0.14 0.00	21.21 -0.11 0.00	21.83 0.00 0.00	23.74 0.12 0.00	24.59 0.10 0.00	27.50 0.05 -0.44	28.28 -0.03 -0.59	28.88 -0.06 -0.38	33.60 -0.10 -0.19	37.75 -0.15 -1.61	36.68 -0.11 -1.10	33.13 0.06 -1.19	31.59 0.03 -1.46	29.03 -0.06 -1.28	24.52 0.00 -0.25	21.11 -0.06 -0.07
FITZPATRICK____ 23598	21.83 -0.56 0.00	20.05 -0.58 0.00	18.06 -0.50 0.00	17.40 -0.48 0.00	16.92 -0.45 0.00	17.94 -0.48 0.00	20.41 -0.59 -0.02	20.32 -0.67 -0.01	22.00 -0.70 0.00	20.68 -0.64 0.00	21.25 -0.59 0.00	23.03 -0.59 0.00	23.88 -0.61 0.00	23.84 -0.73 2.44	23.82 -0.67 3.24	25.66 -0.83 2.07	31.49 -1.00 1.02	26.33 -1.13 8.83	28.62 -1.07 6.01	24.50 -0.86 6.52	21.26 -0.81 8.02	20.04 -0.72 7.04	22.24 -0.65 1.37	20.54 -0.61 -0.04
FLOWFLD_69_KV_BK1 356044	32.43 2.64 -7.41	23.29 2.35 -0.31	22.17 2.15 -1.47	19.85 1.97 0.00	19.24 1.86 0.00	20.38 1.95 0.00	23.84 2.50 -0.36	26.09 2.77 -2.34	26.93 3.04 -1.19	23.64 2.32 0.00	26.16 2.51 -1.82	27.39 2.62 -1.14	27.17 2.60 -0.08	30.49 3.00 -0.49	31.91 3.24 -0.95	33.69 3.71 -1.41	38.43 4.32 -0.59	46.92 4.46 -6.16	46.77 4.25 -6.83	42.08 3.54 -6.67	44.17 3.37 -10.71	39.52 3.45 -8.27	36.64 3.08 -9.29	31.43 2.66 -7.67
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	23.86 1.48 0.00	21.85 1.22 0.00	19.65 1.09 0.00	18.92 1.04 0.00	18.37 0.99 0.00	19.47 1.05 0.00	22.65 1.32 -0.35	22.62 1.47 -0.17	24.39 1.68 0.00	22.90 1.58 0.00	23.38 1.55 0.00	25.23 1.61 0.00	26.21 1.67 -0.05	29.02 1.86 -0.15	29.94 2.00 -0.22	30.96 2.14 -0.26	36.55 2.61 -0.43	39.44 2.87 -0.29	38.37 2.68 0.00	33.92 2.04 0.00	32.05 1.96 0.00	29.86 2.06 0.00	25.97 1.70 0.00	23.38 1.52 -0.75
FORT ORANGE____ 23900	23.08 0.69 0.00	21.19 0.56 0.00	19.09 0.54 0.00	18.39 0.50 0.00	17.86 0.49 0.00	18.94 0.52 0.00	22.07 0.65 -0.44	21.93 0.73 -0.22	23.52 0.82 0.00	21.98 0.66 0.00	22.42 0.59 0.00	24.23 0.61 0.00	25.11 0.68 0.07	27.59 0.78 0.20	28.12 0.69 0.30	29.11 0.89 0.35	34.07 1.14 0.58	37.17 1.27 0.39	36.94 1.25 0.00	32.86 0.99 0.00	31.08 0.99 0.00	28.69 0.89 0.00	25.12 0.85 0.00	22.80 0.74 -0.96
FORT_DRUM_COGEN 23780	22.74 0.36 0.00	20.96 0.33 0.00	18.78 0.22 0.00	18.10 0.21 0.00	17.64 0.26 0.00	18.70 0.28 0.00	21.29 0.29 -0.02	21.35 0.36 -0.01	22.98 0.27 0.00	21.47 0.15 0.00	21.88 0.04 0.00	23.83 0.21 0.00	24.71 0.22 0.00	27.49 0.14 -0.35	28.33 0.14 -0.47	28.84 -0.03 -0.30	33.69 0.03 -0.15	37.75 0.18 -1.28	36.99 0.43 -0.87	33.55 0.73 -0.95	32.13 0.87 -1.16	29.38 0.56 -1.02	24.88 0.41 -0.20	21.46 0.32 -0.04
FPL_FAR_ROCK_GT1 24212	31.96 2.17 -7.41	22.79 1.86 -0.31	21.66 1.65 -1.45	19.54 1.64 -0.01	18.93 1.55 -0.01	20.01 1.58 0.00	23.29 1.95 -0.36	25.51 2.20 -2.33	26.34 2.45 -1.19	23.56 2.24 0.00	25.97 2.31 -1.82	27.27 2.50 -1.14	27.17 2.59 -0.08	30.27 2.78 -0.49	31.28 2.61 -0.95	33.03 3.06 -1.41	37.80 3.72 -0.57	46.48 4.03 -6.16	46.30 3.78 -6.83	41.41 2.90 -6.63	43.54 2.77 -10.68	38.63 2.64 -8.19	33.81 2.52 -7.02	30.97 2.20 -7.67
FPL_FAR_ROCK_GT2 23815	31.96 2.17 -7.41	22.79 1.86 -0.31	21.66 1.65 -1.45	19.54 1.64 -0.01	18.93 1.55 -0.01	20.01 1.58 0.00	23.29 1.95 -0.36	25.51 2.20 -2.33	26.34 2.45 -1.19	23.56 2.24 0.00	25.97 2.31 -1.82	27.27 2.50 -1.14	27.17 2.59 -0.08	30.27 2.78 -0.49	31.28 2.61 -0.95	33.03 3.06 -1.41	37.80 3.72 -0.57	46.48 4.03 -6.16	46.30 3.78 -6.83	41.41 2.90 -6.63	43.54 2.77 -10.68	38.63 2.64 -8.19	33.81 2.52 -7.02	30.97 2.20 -7.67
FRANKLIN_FALL_HYD 24054	22.45 0.07 0.00	20.79 0.17 0.00	18.65 0.09 0.00	17.97 0.09 0.00	17.43 0.05 0.00	18.53 0.11 0.00	21.15 0.17 0.00	21.27 0.29 0.00	22.96 0.25 0.00	21.47 0.15 0.00	21.83 0.00 0.00	23.41 -0.21 0.00	24.39 -0.10 0.00	26.92 -0.08 0.00	27.75 0.03 0.00	28.56 0.00 0.00	33.58 0.07 0.00	36.51 0.22 0.00	35.94 0.25 0.00	32.16 0.29 0.00	30.39 0.30 0.00	27.86 0.06 0.00	24.17 -0.10 0.00	21.09 -0.02 0.00
FREEPORT_EQUS_GT1 23764	31.87 2.08 -7.41	22.75 1.82 -0.31	21.58 1.58 -1.45	19.47 1.57 -0.01	18.88 1.49 -0.01	19.93 1.51 0.00	23.25 1.91 -0.36	25.49 2.18 -2.33	26.32 2.43 -1.19	23.47 2.15 0.00	25.90 2.25 -1.82	27.13 2.36 -1.14	27.02 2.45 -0.08	30.16 2.67 -0.49	31.28 2.61 -0.95	33.00 3.03 -1.41	37.74 3.65 -0.57	46.41 3.96 -6.16	46.23 3.71 -6.83	41.38 2.87 -6.63	43.51 2.74 -10.68	38.60 2.61 -8.19	33.77 2.48 -7.02	30.95 2.17 -7.67
FREEPORT___CT2 23818	31.87 2.08 -7.41	22.75 1.82 -0.31	21.58 1.58 -1.45	19.47 1.57 -0.01	18.88 1.49 -0.01	19.93 1.51 0.00	23.25 1.91 -0.36	25.49 2.18 -2.33	26.32 2.43 -1.19	23.47 2.15 0.00	25.90 2.25 -1.82	27.13 2.36 -1.14	27.02 2.45 -0.08	30.16 2.67 -0.49	31.28 2.61 -0.95	33.00 3.03 -1.41	37.74 3.65 -0.57	46.41 3.96 -6.16	46.23 3.71 -6.83	41.38 2.87 -6.63	43.51 2.74 -10.68	38.60 2.61 -8.19	33.77 2.48 -7.02	30.95 2.17 -7.67
FRESHKLS_33_KV_LOAD 356253	24.02 1.63 0.00	21.91 1.28 0.00	19.72 1.17 0.00	18.99 1.11 0.00	18.33 0.96 0.00	19.31 0.88 0.00	22.50 1.17 -0.35	22.70 1.55 -0.16	24.49 1.79 0.01	23.12 1.81 0.01	23.53 1.70 0.01	25.48 1.87 0.01	26.46 1.91 -0.06	29.30 2.11 -0.19	30.33 2.33 -0.28	31.46 2.57 -0.33	36.98 2.92 -0.55	39.89 3.23 -0.37	38.68 3.00 0.01	33.75 1.88 0.01	31.92 1.84 0.01	29.99 2.20 0.01	26.24 1.97 0.00	23.59 1.73 -0.75
FULTON COGEN____ 23766	22.14 -0.25 0.00	20.32 -0.31 0.00	18.28 -0.28 0.00	17.62 -0.27 0.00	17.13 -0.24 0.00	18.16 -0.26 0.00	20.69 -0.31 -0.03	20.59 -0.40 -0.01	22.30 -0.41 0.00	20.96 -0.36 0.00	21.55 -0.28 0.00	23.41 -0.21 0.00	24.25 -0.24 0.00	27.48 -0.32 -0.80	28.39 -0.39 -1.06	28.79 -0.46 -0.68	33.28 -0.57 -0.33	38.53 -0.65 -2.89	37.05 -0.61 -1.97	33.63 -0.38 -2.13	32.33 -0.39 -2.63	29.69 -0.42 -2.30	24.43 -0.29 -0.45	20.85 -0.32 -0.06

FULTON___LFGE 323630	24.33 1.95 0.00	22.34 1.71 0.00	20.24 1.69 0.00	19.51 1.63 0.00	18.99 1.62 0.00	20.19 1.77 0.00	23.44 1.93 -0.53	23.34 2.10 -0.26	24.89 2.18 0.00	23.13 1.81 0.00	23.58 1.75 0.00	25.89 2.27 0.00	26.81 2.37 0.05	29.11 2.27 0.16	29.82 2.33 0.23	30.69 2.40 0.27	35.97 2.91 0.46	39.46 3.48 0.31	39.33 3.64 0.00	35.32 3.44 0.00	33.46 3.37 0.00	30.84 3.03 0.00	26.79 2.52 0.00	24.25 2.01 -1.14
G.F.CEMENT___DRP 24184	24.00 1.61 0.00	22.01 1.38 0.00	19.82 1.26 0.00	19.05 1.16 0.00	18.52 1.15 0.00	19.68 1.25 0.00	22.99 1.55 -0.46	22.89 1.68 -0.23	24.55 1.84 0.00	22.92 1.60 0.00	23.41 1.57 0.00	25.32 1.70 0.00	26.15 1.74 0.08	28.69 1.92 0.24	29.43 2.05 0.35	30.27 2.11 0.40	35.41 2.58 0.68	38.73 2.90 0.46	38.62 2.93 0.00	34.58 2.71 0.00	32.83 2.74 0.00	30.31 2.50 0.00	26.36 2.09 0.00	23.82 1.71 -1.00
GARDENVILLE___LBMP 24039	22.70 0.31 0.00	20.59 -0.04 0.00	18.52 -0.04 0.00	17.89 0.00 0.00	17.45 0.07 0.00	18.48 0.06 0.00	20.61 -0.42 -0.05	20.61 -0.40 -0.03	22.32 -0.39 0.00	21.19 -0.13 0.00	22.34 0.50 0.00	24.33 0.71 0.00	25.20 0.71 0.00	27.76 0.76 0.00	27.86 0.14 0.00	28.65 0.09 0.00	33.24 -0.27 0.00	35.89 -0.40 0.00	35.26 -0.43 0.00	32.39 0.51 0.00	30.15 0.06 0.00	27.47 -0.33 0.00	24.61 0.34 0.00	21.12 -0.11 -0.12
GARDNVLA_35_KV_LD 355827	22.81 0.43 0.00	20.67 0.04 0.00	18.59 0.04 0.00	17.97 0.09 0.00	17.52 0.14 0.00	18.57 0.15 0.00	20.70 -0.34 -0.05	20.71 -0.29 -0.03	22.43 -0.27 0.00	21.32 0.00 0.00	22.44 0.61 0.00	24.47 0.85 0.00	25.35 0.86 0.00	27.95 0.95 0.00	28.03 0.30 0.00	28.85 0.29 0.00	33.45 -0.07 0.00	36.11 -0.18 0.00	35.44 -0.25 0.00	32.58 0.70 0.00	30.30 0.21 0.00	27.61 -0.19 0.00	24.73 0.46 0.00	21.20 -0.02 -0.12
GELCKHM___115KV_LOAD 80723	22.25 -0.13 0.00	20.42 -0.21 0.00	18.37 -0.19 0.00	17.71 -0.18 0.00	17.22 -0.16 0.00	18.26 -0.17 0.00	20.80 -0.21 -0.03	20.70 -0.29 -0.01	22.43 -0.27 0.00	21.08 -0.23 0.00	21.70 -0.13 0.00	23.55 -0.07 0.00	24.42 -0.07 0.00	27.16 -0.14 -0.29	27.89 -0.22 -0.39	28.58 -0.23 -0.25	33.30 -0.34 -0.12	36.95 -0.40 -1.06	36.06 -0.36 -0.72	32.47 -0.19 -0.78	30.87 -0.18 -0.96	28.37 -0.28 -0.84	24.27 -0.17 -0.16	20.98 -0.19 -0.06
GENERAL___MILLS 23808	22.74 0.36 0.00	20.63 0.00 0.00	18.56 0.00 0.00	17.92 0.04 0.00	17.48 0.10 0.00	18.51 0.09 0.00	20.63 -0.40 -0.05	20.67 -0.34 -0.03	22.37 -0.34 0.00	21.25 -0.06 0.00	22.38 0.55 0.00	24.40 0.78 0.00	25.27 0.78 0.00	27.84 0.84 0.00	27.94 0.22 0.00	28.74 0.17 0.00	33.34 -0.17 0.00	36.00 -0.29 0.00	35.34 -0.36 0.00	32.48 0.61 0.00	30.21 0.12 0.00	27.55 -0.25 0.00	24.68 0.41 0.00	21.16 -0.06 -0.12
GE_PLASTICS___DRP 24183	23.08 0.69 0.00	21.21 0.58 0.00	19.09 0.54 0.00	18.40 0.52 0.00	17.86 0.49 0.00	18.96 0.53 0.00	22.07 0.65 -0.44	21.93 0.73 -0.22	23.52 0.82 0.00	22.02 0.70 0.00	22.47 0.63 0.00	24.28 0.66 0.00	25.14 0.71 0.06	27.65 0.81 0.16	28.37 0.89 0.24	29.23 0.94 0.28	34.21 1.17 0.47	37.24 1.27 0.32	36.91 1.21 0.00	32.83 0.96 0.00	31.03 0.93 0.00	28.81 1.00 0.00	25.12 0.85 0.00	22.80 0.74 -0.96
GILBOA___1 23756	23.17 0.78 0.00	21.27 0.64 0.00	19.15 0.59 0.00	18.46 0.57 0.00	17.93 0.56 0.00	18.99 0.57 0.00	22.03 0.71 -0.34	21.95 0.80 -0.17	23.62 0.91 0.00	22.15 0.83 0.00	22.64 0.81 0.00	24.50 0.87 0.00	25.37 0.88 0.00	27.97 0.97 0.00	28.64 0.91 0.00	29.68 1.11 0.00	34.82 1.31 0.00	37.63 1.34 0.00	37.05 1.36 0.00	32.96 1.08 0.00	31.12 1.02 0.00	28.78 0.97 0.00	25.19 0.92 0.00	22.66 0.82 -0.74
GILBOA___2 23757	23.17 0.78 0.00	21.27 0.64 0.00	19.15 0.59 0.00	18.46 0.57 0.00	17.93 0.56 0.00	18.99 0.57 0.00	22.03 0.71 -0.34	21.95 0.80 -0.17	23.62 0.91 0.00	22.15 0.83 0.00	22.64 0.81 0.00	24.50 0.87 0.00	25.37 0.88 0.00	27.97 0.97 0.00	28.64 0.91 0.00	29.68 1.11 0.00	34.82 1.31 0.00	37.63 1.34 0.00	37.05 1.36 0.00	32.96 1.08 0.00	31.12 1.02 0.00	28.78 0.97 0.00	25.19 0.92 0.00	22.66 0.82 -0.74
GILBOA___3 23758	23.17 0.78 0.00	21.27 0.64 0.00	19.15 0.59 0.00	18.46 0.57 0.00	17.93 0.56 0.00	18.99 0.57 0.00	22.03 0.71 -0.34	21.95 0.80 -0.17	23.62 0.91 0.00	22.15 0.83 0.00	22.64 0.81 0.00	24.50 0.87 0.00	25.37 0.88 0.00	27.97 0.97 0.00	28.64 0.91 0.00	29.68 1.11 0.00	34.82 1.31 0.00	37.63 1.34 0.00	37.05 1.36 0.00	32.96 1.08 0.00	31.12 1.02 0.00	28.78 0.97 0.00	25.19 0.92 0.00	22.66 0.82 -0.74
GILBOA___4 23759	23.17 0.78 0.00	21.27 0.64 0.00	19.15 0.59 0.00	18.46 0.57 0.00	17.93 0.56 0.00	18.99 0.57 0.00	22.03 0.71 -0.34	21.95 0.80 -0.17	23.62 0.91 0.00	22.15 0.83 0.00	22.64 0.81 0.00	24.50 0.87 0.00	25.37 0.88 0.00	27.97 0.97 0.00	28.64 0.91 0.00	29.68 1.11 0.00	34.82 1.31 0.00	37.63 1.34 0.00	37.05 1.36 0.00	32.96 1.08 0.00	31.12 1.02 0.00	28.78 0.97 0.00	25.19 0.92 0.00	22.66 0.82 -0.74
GILBOA___ 23599	23.17 0.78 0.00	21.27 0.64 0.00	19.15 0.59 0.00	18.46 0.57 0.00	17.93 0.56 0.00	19.01 0.59 0.00	22.03 0.71 -0.34	21.95 0.80 -0.17	23.61 0.91 0.00	22.15 0.83 0.00	22.64 0.81 0.00	24.49 0.87 0.00	25.37 0.88 0.00	27.98 0.97 0.00	28.78 1.05 0.00	29.71 1.14 0.00	34.85 1.34 0.00	37.67 1.38 0.00	37.08 1.39 0.00	32.96 1.08 0.00	31.12 1.02 0.00	28.89 1.08 0.00	25.19 0.92 0.00	22.66 0.82 -0.74
GINNA___ 23603	21.49 -0.90 0.00	19.60 -1.03 0.00	17.65 -0.91 0.00	17.01 -0.88 0.00	16.54 -0.83 0.00	17.56 -0.87 0.00	20.03 -0.99 -0.04	19.82 -1.17 -0.02	21.50 -1.20 0.00	20.32 -1.00 0.00	21.13 -0.70 0.00	22.96 -0.66 0.00	23.76 -0.73 0.00	26.19 -0.81 0.00	27.14 -0.58 0.00	27.45 -1.11 0.00	32.00 -1.51 0.00	34.62 -1.67 0.00	34.09 -1.61 0.00	30.95 -0.93 0.00	29.10 -0.99 0.00	27.03 -0.78 0.00	23.47 -0.80 0.00	20.34 -0.84 -0.08
GLEN PARK___ 23778	22.86 0.47 0.00	21.06 0.43 0.00	18.91 0.35 0.00	18.19 0.30 0.00	17.72 0.35 0.00	18.79 0.37 0.00	21.40 0.40 -0.02	21.45 0.46 -0.01	23.07 0.36 0.00	21.55 0.23 0.00	21.97 0.13 0.00	23.98 0.35 0.00	24.83 0.34 0.00	27.65 0.27 -0.37	28.55 0.33 -0.49	28.99 0.11 -0.32	33.84 0.17 -0.16	38.03 0.40 -1.35	37.25 0.64 -0.92	33.89 1.02 -0.99	32.40 1.08 -1.22	29.69 0.81 -1.07	25.06 0.58 -0.21	21.57 0.42 -0.04
GLENDALE_27_KV_LOAD 356172	24.07 1.68 0.00	21.99 1.36 0.00	19.82 1.26 0.00	19.08 1.20 0.00	18.45 1.08 0.00	19.51 1.09 0.00	22.73 1.41 -0.35	22.92 1.76 -0.17	24.73 2.02 0.00	23.30 1.98 0.00	23.73 1.90 0.00	25.72 2.10 0.00	26.69 2.13 -0.07	29.55 2.35 -0.19	30.56 2.55 -0.29	31.68 2.77 -0.34	37.19 3.12 -0.56	40.12 3.45 -0.38	38.83 3.14 0.00	33.98 2.10 0.00	32.14 2.05 0.00	30.20 2.39 0.00	26.36 2.09 0.00	23.67 1.82 -0.75

GLENWOOD_IC_1_G5 23712	31.58 1.79 -7.41	22.44 1.51 -0.31	21.38 1.37 -1.45	19.21 1.32 0.00	18.61 1.23 0.00	19.73 1.31 0.00	22.98 1.64 -0.36	25.20 1.89 -2.33	26.03 2.13 -1.19	23.30 1.98 0.00	25.68 2.03 -1.82	26.94 2.17 -1.14	26.83 2.25 -0.08	29.97 2.48 -0.49	31.30 2.63 -0.95	32.60 2.63 -1.41	37.19 3.12 -0.56	45.79 3.34 -6.16	45.63 3.11 -6.83	40.84 2.33 -6.63	42.94 2.17 -10.68	38.33 2.34 -8.19	33.30 2.01 -7.02	30.67 1.90 -7.67
GLENWOOD_IC_2_G1 23688	31.43 1.63 -7.41	22.32 1.38 -0.31	21.23 1.22 -1.45	19.11 1.22 -0.01	18.51 1.13 -0.01	19.58 1.16 0.00	22.85 1.51 -0.36	25.07 1.76 -2.33	25.87 1.97 -1.19	23.15 1.83 0.00	25.51 1.85 -1.82	26.75 1.98 -1.14	26.63 2.06 -0.08	29.73 2.24 -0.49	30.81 2.13 -0.95	32.52 2.54 -1.41	37.10 3.02 -0.57	45.72 3.27 -6.16	45.55 3.03 -6.83	40.77 2.26 -6.63	42.94 2.17 -10.68	38.08 2.09 -8.19	33.25 1.97 -7.02	30.53 1.75 -7.67
GLENWOOD_IC_3_G1 23689	31.43 1.63 -7.41	22.32 1.38 -0.31	21.23 1.22 -1.45	19.11 1.22 -0.01	18.51 1.13 -0.01	19.58 1.16 0.00	22.85 1.51 -0.36	25.07 1.76 -2.33	25.87 1.97 -1.19	23.15 1.83 0.00	25.51 1.85 -1.82	26.75 1.98 -1.14	26.63 2.06 -0.08	29.73 2.24 -0.49	30.81 2.13 -0.95	32.52 2.54 -1.41	37.10 3.02 -0.57	45.72 3.27 -6.16	45.55 3.03 -6.83	40.77 2.26 -6.63	42.94 2.17 -10.68	38.08 2.09 -8.19	33.25 1.97 -7.02	30.53 1.75 -7.67
GLENWOOD___4 23550	31.58 1.79 -7.41	22.44 1.51 -0.31	21.38 1.37 -1.45	19.21 1.32 0.00	18.61 1.23 0.00	19.73 1.31 0.00	22.98 1.64 -0.36	25.20 1.89 -2.33	26.03 2.13 -1.19	23.30 1.98 0.00	25.68 2.03 -1.82	26.94 2.17 -1.14	26.83 2.25 -0.08	29.97 2.48 -0.49	31.30 2.63 -0.95	32.69 2.71 -1.41	37.29 3.22 -0.56	45.90 3.45 -6.16	45.73 3.21 -6.83	40.90 2.39 -6.63	43.03 2.26 -10.68	38.38 2.39 -8.19	33.38 2.09 -7.02	30.67 1.90 -7.67
GLENWOOD___5 23614	31.58 1.79 -7.41	22.44 1.51 -0.31	21.38 1.37 -1.45	19.21 1.32 0.00	18.61 1.23 0.00	19.73 1.31 0.00	22.98 1.64 -0.36	25.20 1.89 -2.33	26.03 2.13 -1.19	23.30 1.98 0.00	25.68 2.03 -1.82	26.94 2.17 -1.14	26.83 2.25 -0.08	29.97 2.48 -0.49	31.30 2.63 -0.95	32.69 2.71 -1.41	37.29 3.22 -0.56	45.90 3.45 -6.16	45.73 3.21 -6.83	40.90 2.39 -6.63	43.03 2.26 -10.68	38.38 2.39 -8.19	33.38 2.09 -7.02	30.67 1.90 -7.67
GLOBAL GREEN_PORT_GT1 23814	33.40 3.61 -7.41	24.24 3.30 -0.31	22.83 2.82 -1.46	20.65 2.75 -0.01	20.01 2.62 -0.01	21.11 2.69 0.00	24.83 3.48 -0.36	27.12 3.80 -2.34	28.03 4.13 -1.19	24.28 2.96 0.00	26.93 3.27 -1.82	28.28 3.52 -1.14	27.98 3.40 -0.08	31.40 3.91 -0.49	32.72 4.05 -0.95	34.80 4.83 -1.41	39.86 5.77 -0.58	48.73 6.28 -6.16	48.56 6.03 -6.83	43.49 4.97 -6.65	45.57 4.79 -10.69	40.61 4.56 -8.24	37.14 4.15 -8.72	32.28 3.50 -7.67
GLOBE___DSASP 323697	21.87 -0.51 0.00	19.85 -0.78 0.00	17.85 -0.71 0.00	17.26 -0.63 0.00	16.82 -0.56 0.00	17.81 -0.61 0.00	20.11 -0.92 -0.05	19.79 -1.22 -0.02	21.39 -1.32 0.00	20.32 -1.00 0.00	21.46 -0.37 0.00	23.34 -0.28 0.00	24.15 -0.34 0.00	26.63 -0.38 0.00	26.59 -1.14 0.00	27.34 -1.23 0.00	31.64 -1.88 0.00	34.15 -2.14 0.00	33.51 -2.18 0.00	30.89 -0.99 0.00	28.77 -1.32 0.00	26.25 -1.56 0.00	23.66 -0.61 0.00	20.52 -0.70 -0.11
GOETHSLN___LBMP 323567	23.75 1.37 0.00	21.72 1.09 0.00	19.56 1.00 0.00	18.87 0.98 0.00	18.26 0.89 0.00	19.36 0.94 0.00	22.56 1.24 -0.35	22.68 1.53 -0.17	24.48 1.77 0.00	23.05 1.73 0.00	23.49 1.66 0.00	25.44 1.82 0.00	26.42 1.86 -0.07	29.20 2.00 -0.19	30.15 2.13 -0.29	31.21 2.31 -0.33	36.72 2.65 -0.56	39.57 2.90 -0.38	38.30 2.61 0.00	33.63 1.75 0.00	31.78 1.69 0.00	29.78 1.97 0.00	26.02 1.75 0.00	23.38 1.52 -0.75
GOLAH___69_KV_TB 1_2 80279	22.70 0.31 0.00	20.69 0.06 0.00	18.59 0.04 0.00	17.94 0.05 0.00	17.48 0.10 0.00	18.55 0.13 0.00	21.06 0.04 -0.04	20.81 -0.19 -0.02	22.50 -0.20 0.00	21.28 -0.04 0.00	22.27 0.44 0.00	24.31 0.69 0.00	25.13 0.64 0.00	27.60 0.59 0.00	27.89 0.17 0.00	28.65 0.09 0.00	33.34 -0.17 0.00	36.03 -0.25 0.00	35.51 -0.18 0.00	32.45 0.57 0.00	30.42 0.33 0.00	27.78 -0.03 0.00	24.71 0.44 0.00	21.51 0.32 -0.09
GOODYEAR_LAKE_HYD 323669	23.39 1.01 0.00	21.50 0.87 0.00	19.32 0.76 0.00	18.58 0.70 0.00	18.07 0.70 0.00	19.18 0.76 0.00	21.96 0.92 -0.06	22.08 1.07 -0.03	23.86 1.16 0.00	22.41 1.09 0.00	22.93 1.09 0.00	24.85 1.23 0.00	25.74 1.25 0.00	28.45 1.38 -0.07	29.23 1.41 -0.09	30.05 1.43 -0.06	35.25 1.71 -0.03	38.39 1.85 -0.25	37.75 1.89 -0.17	33.75 1.69 -0.18	31.94 1.63 -0.23	29.45 1.45 -0.20	25.52 1.21 -0.04	22.21 0.97 -0.13
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	22.77 0.38 0.00	20.86 0.23 0.00	18.76 0.20 0.00	18.08 0.20 0.00	17.60 0.23 0.00	18.66 0.24 0.00	21.23 0.15 -0.10	21.24 0.21 -0.05	22.96 0.25 0.00	21.62 0.30 0.00	22.29 0.46 0.00	24.19 0.57 0.00	25.08 0.59 0.00	27.80 0.62 -0.17	28.48 0.53 -0.23	29.25 0.54 -0.14	34.15 0.57 -0.07	37.49 0.58 -0.62	36.72 0.61 -0.42	33.06 0.73 -0.46	31.23 0.57 -0.56	28.74 0.44 -0.49	24.83 0.46 -0.10	21.62 0.30 -0.22
GOUDEY___7 23579	22.79 0.40 0.00	20.88 0.25 0.00	18.76 0.20 0.00	18.10 0.21 0.00	17.62 0.24 0.00	18.68 0.26 0.00	21.23 0.15 -0.10	21.26 0.23 -0.05	22.98 0.27 0.00	21.64 0.32 0.00	22.31 0.48 0.00	24.21 0.59 0.00	25.10 0.61 0.00	27.85 0.68 -0.17	28.50 0.55 -0.23	29.28 0.57 -0.14	34.19 0.60 -0.07	37.52 0.62 -0.62	36.75 0.64 -0.42	33.10 0.76 -0.46	31.26 0.60 -0.56	28.77 0.47 -0.49	24.85 0.49 -0.10	21.64 0.32 -0.22
GOUDEY___8 23580	22.77 0.38 0.00	20.86 0.23 0.00	18.76 0.20 0.00	18.08 0.20 0.00	17.60 0.23 0.00	18.66 0.24 0.00	21.23 0.15 -0.10	21.24 0.21 -0.05	22.96 0.25 0.00	21.62 0.30 0.00	22.29 0.46 0.00	24.19 0.57 0.00	25.08 0.59 0.00	27.80 0.62 -0.17	28.48 0.53 -0.23	29.25 0.54 -0.14	34.15 0.57 -0.07	37.49 0.58 -0.62	36.72 0.61 -0.42	33.06 0.73 -0.46	31.23 0.57 -0.56	28.74 0.44 -0.49	24.83 0.46 -0.10	21.62 0.30 -0.22
GOWANUS_GT1_1 24077	24.07 1.68 0.00	21.97 1.34 0.00	19.78 1.22 0.00	19.05 1.16 0.00	18.40 1.03 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.26 1.94 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.45 2.44 -0.29	31.59 2.69 -0.34	37.09 3.02 -0.56	40.01 3.34 -0.38	38.80 3.11 0.00	33.92 2.04 0.00	32.05 1.96 0.00	30.14 2.34 0.00	26.33 2.06 0.00	23.65 1.79 -0.75
GOWANUS_GT1_2 24078	24.07 1.68 0.00	21.97 1.34 0.00	19.78 1.22 0.00	19.05 1.16 0.00	18.40 1.03 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.26 1.94 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.45 2.44 -0.29	31.59 2.69 -0.34	37.09 3.02 -0.56	40.01 3.34 -0.38	38.80 3.11 0.00	33.92 2.04 0.00	32.05 1.96 0.00	30.14 2.34 0.00	26.33 2.06 0.00	23.65 1.79 -0.75

GOWANUS_GT1_3 24079	24.07 1.68 0.00	21.97 1.34 0.00	19.78 1.22 0.00	19.05 1.16 0.00	18.40 1.03 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.26 1.94 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.45 2.44 -0.29	31.59 2.69 -0.34	37.09 3.02 -0.56	40.01 3.34 -0.38	38.80 3.11 0.00	33.92 2.04 0.00	32.05 1.96 0.00	30.14 2.34 0.00	26.33 2.06 0.00	23.65 1.79 -0.75
GOWANUS_GT1_4 24080	24.07 1.68 0.00	21.97 1.34 0.00	19.78 1.22 0.00	19.05 1.16 0.00	18.40 1.03 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.26 1.94 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.45 2.44 -0.29	31.59 2.69 -0.34	37.09 3.02 -0.56	40.01 3.34 -0.38	38.80 3.11 0.00	33.92 2.04 0.00	32.05 1.96 0.00	30.14 2.34 0.00	26.33 2.06 0.00	23.65 1.79 -0.75
GOWANUS_GT1_5 24084	24.07 1.68 0.00	21.97 1.34 0.00	19.78 1.22 0.00	19.05 1.16 0.00	18.40 1.03 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.26 1.94 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.45 2.44 -0.29	31.59 2.69 -0.34	37.09 3.02 -0.56	40.01 3.34 -0.38	38.80 3.11 0.00	33.92 2.04 0.00	32.05 1.96 0.00	30.14 2.34 0.00	26.33 2.06 0.00	23.65 1.79 -0.75
GOWANUS_GT1_6 24111	24.07 1.68 0.00	21.97 1.34 0.00	19.78 1.22 0.00	19.05 1.16 0.00	18.40 1.03 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.26 1.94 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.45 2.44 -0.29	31.59 2.69 -0.34	37.09 3.02 -0.56	40.01 3.34 -0.38	38.80 3.11 0.00	33.92 2.04 0.00	32.05 1.96 0.00	30.14 2.34 0.00	26.33 2.06 0.00	23.65 1.79 -0.75
GOWANUS_GT1_7 24112	24.07 1.68 0.00	21.97 1.34 0.00	19.78 1.22 0.00	19.05 1.16 0.00	18.40 1.03 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.26 1.94 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.45 2.44 -0.29	31.59 2.69 -0.34	37.09 3.02 -0.56	40.01 3.34 -0.38	38.80 3.11 0.00	33.92 2.04 0.00	32.05 1.96 0.00	30.14 2.34 0.00	26.33 2.06 0.00	23.65 1.79 -0.75
GOWANUS_GT1_8 24113	24.07 1.68 0.00	21.97 1.34 0.00	19.78 1.22 0.00	19.05 1.16 0.00	18.40 1.03 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.26 1.94 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.45 2.44 -0.29	31.59 2.69 -0.34	37.09 3.02 -0.56	40.01 3.34 -0.38	38.80 3.11 0.00	33.92 2.04 0.00	32.05 1.96 0.00	30.14 2.34 0.00	26.33 2.06 0.00	23.65 1.79 -0.75
GOWANUS_GT2_1 24114	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
GOWANUS_GT2_2 24115	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
GOWANUS_GT2_3 24116	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
GOWANUS_GT2_4 24117	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
GOWANUS_GT2_5 24118	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
GOWANUS_GT2_6 24119	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
GOWANUS_GT2_7 24120	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
GOWANUS_GT2_8 24121	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
GOWANUS_GT3_1 24122	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75

GOWANUS_GT3_2 24123	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
GOWANUS_GT3_3 24124	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
GOWANUS_GT3_4 24125	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
GOWANUS_GT3_5 24126	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
GOWANUS_GT3_6 24127	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
GOWANUS_GT3_7 24128	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
GOWANUS_GT3_8 24129	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
GOWANUS_GT4_1 24130	24.07 1.68 0.00	21.97 1.34 0.00	19.78 1.22 0.00	19.05 1.16 0.00	18.40 1.03 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.26 1.94 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.45 2.44 -0.29	31.59 2.69 -0.34	37.09 3.02 -0.56	40.01 3.34 -0.38	38.80 3.11 0.00	33.92 2.04 0.00	32.05 1.96 0.00	30.14 2.34 0.00	26.33 2.06 0.00	23.65 1.79 -0.75
GOWANUS_GT4_2 24131	24.07 1.68 0.00	21.97 1.34 0.00	19.78 1.22 0.00	19.05 1.16 0.00	18.40 1.03 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.26 1.94 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.45 2.44 -0.29	31.59 2.69 -0.34	37.09 3.02 -0.56	40.01 3.34 -0.38	38.80 3.11 0.00	33.92 2.04 0.00	32.05 1.96 0.00	30.14 2.34 0.00	26.33 2.06 0.00	23.65 1.79 -0.75
GOWANUS_GT4_3 24132	24.07 1.68 0.00	21.97 1.34 0.00	19.78 1.22 0.00	19.05 1.16 0.00	18.40 1.03 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.26 1.94 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.45 2.44 -0.29	31.59 2.69 -0.34	37.09 3.02 -0.56	40.01 3.34 -0.38	38.80 3.11 0.00	33.92 2.04 0.00	32.05 1.96 0.00	30.14 2.34 0.00	26.33 2.06 0.00	23.65 1.79 -0.75
GOWANUS_GT4_4 24133	24.07 1.68 0.00	21.97 1.34 0.00	19.78 1.22 0.00	19.05 1.16 0.00	18.40 1.03 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.26 1.94 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.45 2.44 -0.29	31.59 2.69 -0.34	37.09 3.02 -0.56	40.01 3.34 -0.38	38.80 3.11 0.00	33.92 2.04 0.00	32.05 1.96 0.00	30.14 2.34 0.00	26.33 2.06 0.00	23.65 1.79 -0.75
GOWANUS_GT4_5 24134	24.07 1.68 0.00	21.97 1.34 0.00	19.78 1.22 0.00	19.05 1.16 0.00	18.40 1.03 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.26 1.94 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.45 2.44 -0.29	31.59 2.69 -0.34	37.09 3.02 -0.56	40.01 3.34 -0.38	38.80 3.11 0.00	33.92 2.04 0.00	32.05 1.96 0.00	30.14 2.34 0.00	26.33 2.06 0.00	23.65 1.79 -0.75
GOWANUS_GT4_6 24135	24.07 1.68 0.00	21.97 1.34 0.00	19.78 1.22 0.00	19.05 1.16 0.00	18.40 1.03 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.26 1.94 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.45 2.44 -0.29	31.59 2.69 -0.34	37.09 3.02 -0.56	40.01 3.34 -0.38	38.80 3.11 0.00	33.92 2.04 0.00	32.05 1.96 0.00	30.14 2.34 0.00	26.33 2.06 0.00	23.65 1.79 -0.75
GOWANUS_GT4_7 24136	24.07 1.68 0.00	21.97 1.34 0.00	19.78 1.22 0.00	19.05 1.16 0.00	18.40 1.03 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.26 1.94 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.45 2.44 -0.29	31.59 2.69 -0.34	37.09 3.02 -0.56	40.01 3.34 -0.38	38.80 3.11 0.00	33.92 2.04 0.00	32.05 1.96 0.00	30.14 2.34 0.00	26.33 2.06 0.00	23.65 1.79 -0.75
GOWANUS_GT4_8 24137	24.07 1.68 0.00	21.97 1.34 0.00	19.78 1.22 0.00	19.05 1.16 0.00	18.40 1.03 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.26 1.94 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.45 2.44 -0.29	31.59 2.69 -0.34	37.09 3.02 -0.56	40.01 3.34 -0.38	38.80 3.11 0.00	33.92 2.04 0.00	32.05 1.96 0.00	30.14 2.34 0.00	26.33 2.06 0.00	23.65 1.79 -0.75

GREENBSH_115KV_TB3 55895	22.97 0.58 0.00	21.10 0.47 0.00	19.02 0.46 0.00	18.31 0.43 0.00	17.79 0.42 0.00	18.86 0.44 0.00	21.97 0.55 -0.44	21.83 0.63 -0.22	23.43 0.73 0.00	21.92 0.60 0.00	22.36 0.52 0.00	24.16 0.54 0.00	25.00 0.59 0.07	27.47 0.68 0.21	28.16 0.75 0.31	29.03 0.83 0.37	33.90 1.01 0.61	37.00 1.12 0.41	36.76 1.07 0.00	32.70 0.83 0.00	30.94 0.84 0.00	28.69 0.89 0.00	25.02 0.75 0.00	22.72 0.65 -0.96
GREENDGE_115KV_TB5 80291	22.79 0.40 0.00	20.79 0.17 0.00	18.69 0.13 0.00	18.05 0.16 0.00	17.58 0.21 0.00	18.66 0.24 0.00	21.13 0.08 -0.06	21.12 0.10 -0.03	22.82 0.11 0.00	21.53 0.21 0.00	22.38 0.55 0.00	24.40 0.78 0.00	25.30 0.81 0.00	27.98 0.84 -0.13	28.51 0.61 -0.18	29.28 0.60 -0.11	33.87 0.30 -0.06	37.07 0.29 -0.49	36.38 0.36 -0.33	33.03 0.80 -0.36	31.35 0.81 -0.44	28.67 0.47 -0.39	24.93 0.58 -0.08	21.54 0.30 -0.14
GREENIDGE___3 23582	22.79 0.40 0.00	20.79 0.17 0.00	18.69 0.13 0.00	18.05 0.16 0.00	17.58 0.21 0.00	18.66 0.24 0.00	21.13 0.08 -0.06	21.12 0.10 -0.03	22.82 0.11 0.00	21.53 0.21 0.00	22.38 0.55 0.00	24.40 0.78 0.00	25.30 0.81 0.00	27.98 0.84 -0.13	28.51 0.61 -0.18	29.28 0.60 -0.11	33.87 0.30 -0.06	37.07 0.29 -0.49	36.38 0.36 -0.33	33.03 0.80 -0.36	31.35 0.81 -0.44	28.67 0.47 -0.39	24.93 0.58 -0.08	21.54 0.30 -0.14
GREENIDGE___4 23583	22.79 0.40 0.00	20.79 0.16 0.00	18.72 0.17 0.00	18.05 0.16 0.00	17.59 0.21 0.00	18.68 0.26 0.00	21.13 0.08 -0.06	21.12 0.11 -0.03	22.82 0.11 0.00	21.55 0.23 0.00	22.38 0.55 0.00	24.40 0.78 0.00	25.30 0.81 0.00	27.98 0.84 -0.13	28.98 1.08 -0.18	29.39 0.71 -0.11	33.94 0.37 -0.06	37.14 0.36 -0.49	36.45 0.43 -0.33	33.10 0.86 -0.36	31.41 0.87 -0.44	29.17 0.97 -0.39	24.98 0.63 -0.08	21.54 0.30 -0.14
GREENLWN_69_KV_BK 3 55738	31.65 1.86 -7.41	22.53 1.59 -0.31	21.45 1.45 -1.45	19.28 1.40 0.00	18.70 1.32 0.00	19.80 1.38 0.00	23.06 1.72 -0.36	25.31 1.99 -2.33	26.12 2.23 -1.19	23.24 1.92 0.00	25.66 2.01 -1.82	26.91 2.15 -1.14	26.80 2.23 -0.08	29.97 2.48 -0.49	31.22 2.55 -0.95	32.69 2.71 -1.41	37.28 3.22 -0.55	45.86 3.41 -6.16	45.66 3.14 -6.83	40.92 2.42 -6.62	43.04 2.29 -10.66	38.70 2.72 -8.17	33.41 2.50 -6.64	30.70 1.92 -7.67
GREENWD_138_KV_38B11_REV_LBMP_J 345004	24.07 1.68 0.00	21.97 1.34 0.00	19.78 1.22 0.00	19.05 1.16 0.00	18.40 1.03 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.26 1.94 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.45 2.44 -0.29	31.59 2.69 -0.34	37.09 3.02 -0.56	40.01 3.34 -0.38	38.80 3.11 0.00	33.92 2.04 0.00	32.05 1.96 0.00	30.14 2.34 0.00	26.33 2.06 0.00	23.65 1.79 -0.75
GRISSOM___SOLAR 323813	24.33 1.95 0.00	22.34 1.71 0.00	20.24 1.69 0.00	19.51 1.63 0.00	18.99 1.62 0.00	20.19 1.77 0.00	23.44 1.93 -0.53	23.34 2.10 -0.26	24.89 2.18 0.00	23.13 1.81 0.00	23.58 1.75 0.00	25.89 2.27 0.00	26.81 2.37 0.05	29.11 2.27 0.16	29.82 2.33 0.23	30.69 2.40 0.27	35.97 2.91 0.46	39.46 3.48 0.31	39.33 3.64 0.00	35.32 3.44 0.00	33.46 3.37 0.00	30.84 3.03 0.00	26.79 2.52 0.00	24.25 2.01 -1.14
GROVEVILLE___HYD 323602	23.86 1.48 0.00	21.85 1.22 0.00	19.65 1.09 0.00	18.92 1.04 0.00	18.37 0.99 0.00	19.47 1.05 0.00	22.65 1.32 -0.35	22.62 1.47 -0.17	24.39 1.68 0.00	22.90 1.58 0.00	23.38 1.55 0.00	25.23 1.61 0.00	26.21 1.67 -0.05	29.02 1.86 -0.15	29.94 2.00 -0.22	30.96 2.14 -0.26	36.55 2.61 -0.43	39.44 2.87 -0.29	38.37 2.68 0.00	33.92 2.04 0.00	32.05 1.96 0.00	29.86 2.06 0.00	25.97 1.70 0.00	23.38 1.52 -0.75
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	22.41 0.02 0.00	20.57 -0.06 0.00	18.48 -0.07 0.00	17.83 -0.05 0.00	17.34 -0.03 0.00	18.39 -0.04 0.00	20.93 -0.08 -0.03	20.85 -0.15 -0.02	22.57 -0.14 0.00	21.21 -0.11 0.00	21.83 0.00 0.00	23.74 0.12 0.00	24.59 0.10 0.00	27.50 0.05 -0.44	28.28 -0.03 -0.59	28.88 -0.06 -0.38	33.60 -0.10 -0.19	37.75 -0.15 -1.61	36.68 -0.11 -1.10	33.13 0.06 -1.19	31.59 0.03 -1.46	29.03 -0.06 -1.28	24.52 0.00 -0.25	21.11 -0.06 -0.07
HAMLTNNY_34_KV_TB 80303	22.48 0.09 0.00	20.61 -0.02 0.00	18.54 -0.02 0.00	17.87 -0.02 0.00	17.38 0.00 0.00	18.42 0.00 0.00	20.99 -0.02 -0.04	20.91 -0.08 -0.02	22.66 -0.05 0.00	21.30 -0.02 0.00	21.94 0.11 0.00	23.81 0.19 0.00	24.69 0.20 0.00	27.68 0.22 -0.46	28.44 0.11 -0.61	29.07 0.11 -0.39	33.77 0.07 -0.19	37.98 0.04 -1.66	36.89 0.07 -1.13	33.36 0.26 -1.23	31.81 0.21 -1.51	29.18 0.06 -1.32	24.63 0.10 -0.26	21.20 0.02 -0.08
HAMPSHIRE___PAPER_HYD 323593	22.18 -0.20 0.00	20.53 -0.10 0.00	18.41 -0.15 0.00	17.74 -0.14 0.00	17.26 -0.12 0.00	18.29 -0.13 0.00	20.86 -0.13 -0.01	20.96 -0.02 0.00	22.59 -0.11 0.00	21.06 -0.25 0.00	21.35 -0.48 0.00	23.05 -0.57 0.00	23.93 -0.56 0.00	26.48 -0.67 -0.15	27.28 -0.64 -0.20	27.95 -0.74 -0.13	32.77 -0.80 -0.06	36.10 -0.73 -0.54	35.45 -0.61 -0.37	31.92 -0.35 -0.40	30.34 -0.24 -0.49	27.84 -0.39 -0.43	24.11 -0.24 -0.08	20.98 -0.15 -0.02
HARDSCRABBLE_WT_PWR 323673	22.48 0.09 0.00	20.71 0.08 0.00	18.70 0.15 0.00	18.03 0.14 0.00	17.51 0.14 0.00	18.59 0.17 0.00	21.06 0.08 0.00	21.06 0.08 0.00	22.80 0.09 0.00	21.40 0.09 0.00	21.90 0.07 0.00	23.86 0.24 0.00	24.74 0.24 0.00	27.14 0.14 0.00	27.86 0.14 0.00	28.65 0.09 0.00	33.65 0.13 0.00	36.43 0.15 0.00	35.87 0.18 0.00	32.07 0.19 0.00	30.31 0.21 0.00	27.97 0.17 0.00	24.39 0.12 0.00	21.15 0.04 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	23.64 1.25 0.00	21.66 1.03 0.00	19.48 0.93 0.00	18.80 0.91 0.00	18.24 0.87 0.00	19.34 0.92 0.00	22.43 1.13 -0.32	22.44 1.30 -0.16	24.21 1.50 0.00	22.75 1.43 0.00	23.23 1.40 0.00	25.16 1.54 0.00	26.12 1.57 -0.06	28.87 1.70 -0.16	29.82 1.86 -0.24	30.85 2.00 -0.28	36.40 2.41 -0.47	39.26 2.65 -0.32	38.15 2.46 0.00	33.69 1.82 0.00	31.81 1.72 0.00	29.61 1.81 0.00	25.78 1.50 0.00	23.15 1.35 -0.69
HARSNRAD_115KV_TB1 81005	22.45 0.07 0.00	20.36 -0.27 0.00	18.31 -0.24 0.00	17.72 -0.16 0.00	17.27 -0.10 0.00	18.29 -0.13 0.00	20.50 -0.52 -0.05	20.29 -0.71 -0.02	21.96 -0.75 0.00	20.83 -0.49 0.00	21.99 0.15 0.00	23.95 0.33 0.00	24.78 0.29 0.00	27.30 0.30 0.00	27.31 -0.42 0.00	28.08 -0.49 0.00	32.54 -0.97 0.00	35.16 -1.12 0.00	34.55 -1.14 0.00	31.81 -0.06 0.00	29.64 -0.45 0.00	27.00 -0.81 0.00	24.27 0.00 0.00	20.96 -0.25 -0.10
HARZA MOOSE___RIVER 24016	22.72 0.34 0.00	20.92 0.29 0.00	18.78 0.22 0.00	18.14 0.25 0.00	17.65 0.28 0.00	18.74 0.31 0.00	21.29 0.29 -0.01	21.36 0.38 -0.01	23.05 0.34 0.00	21.57 0.26 0.00	22.01 0.17 0.00	23.95 0.33 0.00	24.83 0.34 0.00	27.40 0.27 -0.12	28.16 0.28 -0.17	28.87 0.20 -0.11	33.90 0.34 -0.05	37.18 0.44 -0.45	36.53 0.54 -0.31	32.85 0.64 -0.33	31.23 0.72 -0.41	28.67 0.50 -0.36	24.73 0.39 -0.07	21.43 0.30 -0.02

HDSNBRDG_115KV_BRDG_TB1 355580	22.27 -0.11 0.00	20.42 -0.21 0.00	18.37 -0.19 0.00	17.72 -0.16 0.00	17.24 -0.14 0.00	18.27 -0.15 0.00	20.80 -0.21 -0.03	20.72 -0.27 -0.02	22.46 -0.25 0.00	21.11 -0.21 0.00	21.75 -0.09 0.00	23.60 -0.02 0.00	24.44 -0.05 0.00	27.13 -0.11 -0.24	27.84 -0.19 -0.32	28.54 -0.23 -0.20	33.31 -0.30 -0.10	36.79 -0.36 -0.86	35.92 -0.36 -0.59	32.35 -0.16 -0.64	30.70 -0.18 -0.78	28.21 -0.28 -0.69	24.26 -0.15 -0.13	21.00 -0.17 -0.07
HELLGATE_13_KV_LD 55870	23.98 1.59 0.00	21.91 1.28 0.00	19.75 1.19 0.00	19.03 1.14 0.00	18.40 1.03 0.00	19.44 1.01 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.59 1.88 0.00	23.17 1.85 0.00	23.60 1.77 0.00	25.56 1.94 0.00	26.52 1.96 -0.07	29.39 2.19 -0.19	30.39 2.38 -0.29	31.48 2.57 -0.34	36.92 2.85 -0.56	39.86 3.19 -0.38	38.58 2.89 0.00	33.76 1.88 0.00	31.93 1.84 0.00	30.06 2.25 0.00	26.24 1.97 0.00	23.59 1.73 -0.75
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	23.98 1.59 0.00	21.91 1.28 0.00	19.75 1.19 0.00	19.03 1.14 0.00	18.40 1.03 0.00	19.44 1.01 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.59 1.88 0.00	23.17 1.85 0.00	23.60 1.77 0.00	25.56 1.94 0.00	26.52 1.96 -0.07	29.39 2.19 -0.19	30.39 2.38 -0.29	31.48 2.57 -0.34	36.92 2.85 -0.56	39.86 3.19 -0.38	38.58 2.89 0.00	33.76 1.88 0.00	31.93 1.84 0.00	30.06 2.25 0.00	26.24 1.97 0.00	23.59 1.73 -0.75
HEMPSTEAD____ 23647	31.65 1.86 -7.41	22.53 1.59 -0.31	21.38 1.37 -1.45	19.27 1.38 -0.01	18.69 1.30 -0.01	19.75 1.33 0.00	23.06 1.72 -0.36	25.28 1.97 -2.33	26.09 2.20 -1.19	23.28 1.96 0.00	25.71 2.05 -1.82	26.91 2.15 -1.14	26.80 2.23 -0.08	29.95 2.46 -0.49	31.03 2.36 -0.95	32.74 2.77 -1.41	37.37 3.29 -0.57	45.97 3.52 -6.16	45.84 3.32 -6.83	41.00 2.49 -6.63	43.15 2.38 -10.68	38.30 2.31 -8.19	33.47 2.19 -7.02	30.72 1.94 -7.67
HEWLETT__69_KV_BK3 55828	31.85 2.06 -7.41	22.71 1.77 -0.31	21.60 1.60 -1.45	19.44 1.56 0.00	18.85 1.48 0.00	19.95 1.53 0.00	23.21 1.87 -0.36	25.41 2.10 -2.33	26.23 2.34 -1.19	23.47 2.15 0.00	25.86 2.21 -1.82	27.13 2.36 -1.14	27.02 2.45 -0.08	30.14 2.65 -0.49	31.42 2.74 -0.95	32.97 3.00 -1.41	37.66 3.59 -0.56	46.30 3.85 -6.16	46.13 3.60 -6.83	41.28 2.77 -6.63	43.36 2.59 -10.68	38.72 2.72 -8.19	33.76 2.48 -7.02	30.91 2.13 -7.67
HICKLING___1 23621	23.19 0.81 0.00	21.15 0.52 0.00	19.00 0.45 0.00	18.28 0.39 0.00	17.81 0.43 0.00	18.90 0.48 0.00	21.33 0.27 -0.08	21.42 0.40 -0.04	23.16 0.45 0.00	21.92 0.60 0.00	22.82 0.98 0.00	24.80 1.18 0.00	25.72 1.22 0.00	28.54 1.40 -0.13	29.03 1.14 -0.17	29.85 1.17 -0.11	34.71 1.14 -0.05	37.92 1.16 -0.48	37.19 1.18 -0.32	33.82 1.59 -0.35	31.79 1.26 -0.43	29.07 0.89 -0.38	25.36 1.02 -0.07	21.85 0.57 -0.17
HICKLING___2 23622	23.19 0.81 0.00	21.15 0.52 0.00	19.00 0.45 0.00	18.28 0.39 0.00	17.81 0.43 0.00	18.90 0.48 0.00	21.33 0.27 -0.08	21.42 0.40 -0.04	23.16 0.45 0.00	21.92 0.60 0.00	22.82 0.98 0.00	24.80 1.18 0.00	25.72 1.22 0.00	28.54 1.40 -0.13	29.03 1.14 -0.17	29.85 1.17 -0.11	34.71 1.14 -0.05	37.92 1.16 -0.48	37.19 1.18 -0.32	33.82 1.59 -0.35	31.79 1.26 -0.43	29.07 0.89 -0.38	25.36 1.02 -0.07	21.85 0.57 -0.17
HIGH FALLS___HY 23754	23.71 1.32 0.00	21.68 1.05 0.00	19.50 0.95 0.00	18.82 0.93 0.00	18.26 0.89 0.00	19.36 0.94 0.00	22.45 1.13 -0.34	22.43 1.28 -0.17	24.14 1.43 0.00	22.68 1.36 0.00	23.17 1.33 0.00	25.06 1.44 0.00	26.01 1.49 -0.03	28.73 1.65 -0.08	29.64 1.80 -0.11	30.70 2.00 -0.14	36.16 2.41 -0.23	39.13 2.69 -0.16	38.19 2.50 0.00	33.69 1.82 0.00	31.81 1.72 0.00	29.64 1.84 0.00	25.78 1.50 0.00	23.20 1.35 -0.74
HILLBURN___GT 23639	23.62 1.23 0.00	21.62 0.99 0.00	19.50 0.95 0.00	18.81 0.93 0.00	18.26 0.89 0.00	19.34 0.92 0.00	22.42 1.11 -0.32	22.49 1.34 -0.16	24.23 1.52 0.00	22.81 1.49 0.00	23.27 1.44 0.00	25.25 1.63 0.00	26.22 1.67 -0.06	28.93 1.75 -0.17	29.64 1.66 -0.25	30.89 2.03 -0.29	36.45 2.45 -0.49	39.27 2.65 -0.33	38.15 2.46 0.00	33.66 1.78 0.00	31.78 1.68 0.00	29.42 1.61 0.00	25.78 1.51 0.00	23.18 1.37 -0.70
HILLSIDE_115KV_TB1 80332	22.57 0.18 0.00	20.61 -0.02 0.00	18.52 -0.04 0.00	17.90 0.02 0.00	17.45 0.07 0.00	18.50 0.07 0.00	20.79 -0.27 -0.08	20.90 -0.13 -0.04	22.59 -0.11 0.00	21.38 0.06 0.00	22.23 0.39 0.00	24.19 0.57 0.00	25.08 0.59 0.00	27.74 0.59 -0.14	28.27 0.36 -0.18	29.02 0.34 -0.12	33.81 0.23 -0.06	36.94 0.15 -0.50	36.18 0.14 -0.34	32.82 0.57 -0.37	30.82 0.27 -0.46	28.26 0.06 -0.40	24.62 0.27 -0.08	21.24 -0.04 -0.18
HISHELDN_WT_PWR 323625	22.70 0.31 0.00	20.61 -0.02 0.00	18.56 0.00 0.00	17.89 0.00 0.00	17.45 0.07 0.00	18.51 0.09 0.00	20.70 -0.34 -0.06	20.67 -0.34 -0.03	22.37 -0.34 0.00	21.26 -0.06 0.00	22.29 0.46 0.00	24.28 0.66 0.00	25.15 0.66 0.00	27.73 0.73 0.00	28.80 1.08 0.00	28.91 0.34 0.00	33.51 0.00 0.00	36.14 -0.14 0.00	35.48 -0.21 0.00	32.45 0.57 0.00	30.33 0.24 0.00	28.56 0.75 0.00	24.71 0.44 0.00	21.17 -0.06 -0.12
HOLTSVILLE_IC_1 23690	32.30 2.51 -7.41	23.17 2.23 -0.31	21.94 1.93 -1.46	19.81 1.91 -0.01	19.21 1.82 -0.01	20.26 1.84 0.00	23.71 2.37 -0.36	25.96 2.64 -2.34	26.80 2.91 -1.19	23.47 2.15 0.00	25.99 2.34 -1.82	27.20 2.43 -1.14	26.98 2.40 -0.08	30.19 2.70 -0.49	31.39 2.72 -0.95	33.29 3.31 -1.41	38.05 3.95 -0.58	46.66 4.21 -6.16	46.52 4.00 -6.83	41.71 3.19 -6.64	43.88 3.10 -10.69	38.99 2.95 -8.24	35.73 2.77 -8.69	31.29 2.51 -7.67
HOLTSVILLE_IC_10 23699	32.48 2.69 -7.41	23.33 2.39 -0.31	22.06 2.04 -1.46	19.90 2.00 -0.01	19.30 1.91 -0.01	20.37 1.95 0.00	23.88 2.54 -0.36	26.13 2.81 -2.34	26.98 3.09 -1.19	23.62 2.30 0.00	26.16 2.51 -1.82	27.36 2.60 -1.14	27.07 2.50 -0.08	30.38 2.89 -0.49	31.58 2.91 -0.95	33.57 3.60 -1.41	38.39 4.29 -0.59	47.06 4.61 -6.16	46.91 4.39 -6.83	42.06 3.54 -6.65	44.19 3.40 -10.70	39.30 3.25 -8.25	36.11 3.03 -8.80	31.46 2.68 -7.67
HOLTSVILLE_IC_2 23691	32.30 2.51 -7.41	23.17 2.23 -0.31	21.94 1.93 -1.46	19.81 1.91 -0.01	19.21 1.82 -0.01	20.26 1.84 0.00	23.71 2.37 -0.36	25.96 2.64 -2.34	26.80 2.91 -1.19	23.47 2.15 0.00	25.99 2.34 -1.82	27.20 2.43 -1.14	26.98 2.40 -0.08	30.19 2.70 -0.49	31.39 2.72 -0.95	33.29 3.31 -1.41	38.05 3.95 -0.58	46.66 4.21 -6.16	46.52 4.00 -6.83	41.71 3.19 -6.64	43.88 3.10 -10.69	38.99 2.95 -8.24	35.73 2.77 -8.69	31.29 2.51 -7.67
HOLTSVILLE_IC_3 23692	32.30 2.51 -7.41	23.17 2.23 -0.31	21.94 1.93 -1.46	19.81 1.91 -0.01	19.21 1.82 -0.01	20.26 1.84 0.00	23.71 2.37 -0.36	25.96 2.64 -2.34	26.80 2.91 -1.19	23.47 2.15 0.00	25.99 2.34 -1.82	27.20 2.43 -1.14	26.98 2.40 -0.08	30.19 2.70 -0.49	31.39 2.72 -0.95	33.29 3.31 -1.41	38.05 3.95 -0.58	46.66 4.21 -6.16	46.52 4.00 -6.83	41.71 3.19 -6.64	43.88 3.10 -10.69	38.99 2.95 -8.24	35.73 2.77 -8.69	31.29 2.51 -7.67

HOLTSVILLE_IC_4 23693	32.30 2.51 -7.41	23.17 2.23 -0.31	21.94 1.93 -1.46	19.81 1.91 -0.01	19.21 1.82 -0.01	20.26 1.84 0.00	23.71 2.37 -0.36	25.96 2.64 -2.34	26.80 2.91 -1.19	23.47 2.15 0.00	25.99 2.34 -1.82	27.20 2.43 -1.14	26.98 2.40 -0.08	30.19 2.70 -0.49	31.39 2.72 -0.95	33.29 3.31 -1.41	38.05 3.95 -0.58	46.66 4.21 -6.16	46.52 4.00 -6.83	41.71 3.19 -6.64	43.88 3.10 -10.69	38.99 2.95 -8.24	35.73 2.77 -8.69	31.29 2.51 -7.67
HOLTSVILLE_IC_5 23694	32.30 2.51 -7.41	23.17 2.23 -0.31	21.94 1.93 -1.46	19.81 1.91 -0.01	19.21 1.82 -0.01	20.26 1.84 0.00	23.71 2.37 -0.36	25.96 2.64 -2.34	26.80 2.91 -1.19	23.47 2.15 0.00	25.99 2.34 -1.82	27.20 2.43 -1.14	26.98 2.40 -0.08	30.19 2.70 -0.49	31.39 2.72 -0.95	33.29 3.31 -1.41	38.05 3.95 -0.58	46.66 4.21 -6.16	46.52 4.00 -6.83	41.71 3.19 -6.64	43.88 3.10 -10.69	38.99 2.95 -8.24	35.73 2.77 -8.69	31.29 2.51 -7.67
HOLTSVILLE_IC_6 23695	32.48 2.69 -7.41	23.33 2.39 -0.31	22.06 2.04 -1.46	19.90 2.00 -0.01	19.30 1.91 -0.01	20.37 1.95 0.00	23.88 2.54 -0.36	26.13 2.81 -2.34	26.98 3.09 -1.19	23.62 2.30 0.00	26.16 2.51 -1.82	27.36 2.60 -1.14	27.07 2.50 -0.08	30.38 2.89 -0.49	31.58 2.91 -0.95	33.57 3.60 -1.41	38.39 4.29 -0.59	47.06 4.61 -6.16	46.91 4.39 -6.83	42.06 3.54 -6.65	44.19 3.40 -10.70	39.30 3.25 -8.25	36.11 3.03 -8.80	31.46 2.68 -7.67
HOLTSVILLE_IC_7 23696	32.48 2.69 -7.41	23.33 2.39 -0.31	22.06 2.04 -1.46	19.90 2.00 -0.01	19.30 1.91 -0.01	20.37 1.95 0.00	23.88 2.54 -0.36	26.13 2.81 -2.34	26.98 3.09 -1.19	23.62 2.30 0.00	26.16 2.51 -1.82	27.36 2.60 -1.14	27.07 2.50 -0.08	30.38 2.89 -0.49	31.58 2.91 -0.95	33.57 3.60 -1.41	38.39 4.29 -0.59	47.06 4.61 -6.16	46.91 4.39 -6.83	42.06 3.54 -6.65	44.19 3.40 -10.70	39.30 3.25 -8.25	36.11 3.03 -8.80	31.46 2.68 -7.67
HOLTSVILLE_IC_8 23697	32.48 2.69 -7.41	23.33 2.39 -0.31	22.06 2.04 -1.46	19.90 2.00 -0.01	19.30 1.91 -0.01	20.37 1.95 0.00	23.88 2.54 -0.36	26.13 2.81 -2.34	26.98 3.09 -1.19	23.62 2.30 0.00	26.16 2.51 -1.82	27.36 2.60 -1.14	27.07 2.50 -0.08	30.38 2.89 -0.49	31.58 2.91 -0.95	33.57 3.60 -1.41	38.39 4.29 -0.59	47.06 4.61 -6.16	46.91 4.39 -6.83	42.06 3.54 -6.65	44.19 3.40 -10.70	39.30 3.25 -8.25	36.11 3.03 -8.80	31.46 2.68 -7.67
HOLTSVILLE_IC_9 23698	32.48 2.69 -7.41	23.33 2.39 -0.31	22.06 2.04 -1.46	19.90 2.00 -0.01	19.30 1.91 -0.01	20.37 1.95 0.00	23.88 2.54 -0.36	26.13 2.81 -2.34	26.98 3.09 -1.19	23.62 2.30 0.00	26.16 2.51 -1.82	27.36 2.60 -1.14	27.07 2.50 -0.08	30.38 2.89 -0.49	31.58 2.91 -0.95	33.57 3.60 -1.41	38.39 4.29 -0.59	47.06 4.61 -6.16	46.91 4.39 -6.83	42.06 3.54 -6.65	44.19 3.40 -10.70	39.30 3.25 -8.25	36.11 3.03 -8.80	31.46 2.68 -7.67
HOMER_HL_115KV_TB2 355744	22.70 0.31 0.00	20.63 0.00 0.00	18.52 -0.04 0.00	17.90 0.02 0.00	17.48 0.10 0.00	18.53 0.11 0.00	20.22 -0.82 -0.06	20.80 -0.21 -0.03	22.48 -0.23 0.00	21.40 0.09 0.00	22.44 0.61 0.00	24.40 0.78 0.00	25.32 0.83 0.00	27.89 0.89 0.00	28.17 0.44 0.00	28.99 0.43 0.00	33.75 0.23 0.00	36.40 0.11 0.00	35.73 0.04 0.00	32.70 0.83 0.00	30.33 0.24 0.00	27.75 -0.06 0.00	24.63 0.36 0.00	20.75 -0.49 -0.13
HOWARD_WT_PWR 323690	23.17 0.78 0.00	21.06 0.43 0.00	18.98 0.43 0.00	18.30 0.41 0.00	17.83 0.45 0.00	18.96 0.53 0.00	21.24 0.19 -0.07	21.29 0.27 -0.03	23.00 0.29 0.00	21.77 0.45 0.00	22.73 0.90 0.00	24.83 1.20 0.00	25.76 1.27 0.00	28.42 1.32 -0.09	29.51 1.66 -0.13	29.76 1.11 -0.08	34.52 0.97 -0.04	37.65 1.01 -0.34	36.96 1.04 -0.23	33.72 1.59 -0.25	31.67 1.26 -0.31	29.55 1.47 -0.27	25.34 1.02 -0.05	21.67 0.42 -0.14
HQ_GEN_CEDARS 23644	21.87 -0.51 0.00	20.30 -0.33 0.00	18.24 -0.32 0.00	17.60 -0.29 0.00	17.06 -0.31 0.00	18.11 -0.31 0.00	20.60 -0.38 0.00	20.67 -0.31 0.00	22.27 -0.43 0.00	20.85 -0.47 0.00	21.22 -0.61 0.00	22.84 -0.78 0.00	23.76 -0.73 0.00	26.17 -0.84 0.00	26.95 -0.78 0.00	27.74 -0.83 0.00	32.57 -0.94 0.00	35.34 -0.94 0.00	34.80 -0.89 0.00	31.11 -0.77 0.00	29.40 -0.69 0.00	27.08 -0.72 0.00	23.64 -0.63 0.00	20.66 -0.44 0.00
HQ_GEN_CEDARS_PROXY 323590	21.87 -0.51 0.00	20.30 -0.33 0.00	18.24 -0.32 0.00	17.60 -0.29 0.00	17.06 -0.31 0.00	18.11 -0.31 0.00	20.60 -0.38 0.00	20.67 -0.31 0.00	22.27 -0.43 0.00	20.85 -0.47 0.00	21.22 -0.61 0.00	22.84 -0.78 0.00	23.76 -0.73 0.00	26.17 -0.84 0.00	26.89 -0.83 0.00	27.71 -0.86 0.00	32.57 -0.94 0.00	35.34 -0.94 0.00	34.80 -0.89 0.00	31.11 -0.77 0.00	29.40 -0.69 0.00	27.03 -0.78 0.00	23.62 -0.65 0.00	20.66 -0.44 0.00
HQ_GEN_IMPORT 323601	22.05 -0.34 0.00	20.42 -0.21 0.00	18.37 -0.19 0.00	17.71 -0.18 0.00	17.20 -0.17 0.00	18.24 -0.18 0.00	20.75 -0.23 0.00	20.75 -0.23 0.00	22.41 -0.30 0.00	21.02 -0.30 0.00	21.48 -0.35 0.00	23.22 -0.40 0.00	24.10 -0.39 0.00	26.54 -0.46 0.00	27.28 -0.44 0.00	28.11 -0.46 0.00	33.01 -0.50 0.00	35.74 -0.54 0.00	35.16 -0.53 0.00	31.40 -0.48 0.00	29.67 -0.42 0.00	27.36 -0.45 0.00	23.88 -0.39 0.00	20.81 -0.30 0.00
HQ_GEN_WHEEL 23651	22.05 -0.34 0.00	20.42 -0.21 0.00	18.37 -0.19 0.00	17.71 -0.18 0.00	17.20 -0.17 0.00	18.24 -0.18 0.00	20.75 -0.23 0.00	20.75 -0.23 0.00	22.41 -0.30 0.00	21.02 -0.30 0.00	21.48 -0.35 0.00	23.22 -0.40 0.00	24.10 -0.39 0.00	26.54 -0.46 0.00	27.28 -0.44 0.00	28.11 -0.46 0.00	33.01 -0.50 0.00	35.74 -0.54 0.00	35.16 -0.53 0.00	31.40 -0.48 0.00	29.67 -0.42 0.00	27.36 -0.45 0.00	23.88 -0.39 0.00	20.81 -0.30 0.00
HUDSON_AVE_GT_3 23810	23.91 1.52 0.00	21.87 1.24 0.00	19.69 1.13 0.00	18.98 1.09 0.00	18.37 0.99 0.00	19.47 1.05 0.00	22.69 1.36 -0.35	22.81 1.66 -0.17	24.61 1.91 0.00	23.19 1.88 0.00	23.62 1.79 0.00	25.56 1.94 0.00	26.54 1.98 -0.07	29.39 2.19 -0.19	30.34 2.33 -0.29	31.41 2.51 -0.33	36.99 2.92 -0.56	39.86 3.19 -0.38	38.58 2.89 0.00	33.92 2.04 0.00	32.02 1.93 0.00	29.97 2.17 0.00	26.19 1.92 0.00	23.52 1.67 -0.75
HUDSON_AVE_GT_4 23540	23.91 1.52 0.00	21.87 1.24 0.00	19.69 1.13 0.00	18.98 1.09 0.00	18.37 0.99 0.00	19.47 1.05 0.00	22.69 1.36 -0.35	22.81 1.66 -0.17	24.61 1.91 0.00	23.19 1.88 0.00	23.62 1.79 0.00	25.56 1.94 0.00	26.54 1.98 -0.07	29.39 2.19 -0.19	30.34 2.33 -0.29	31.41 2.51 -0.33	36.99 2.92 -0.56	39.86 3.19 -0.38	38.58 2.89 0.00	33.92 2.04 0.00	32.02 1.93 0.00	29.97 2.17 0.00	26.19 1.92 0.00	23.52 1.67 -0.75
HUDSON_AVE_GT_5 23657	23.91 1.52 0.00	21.87 1.24 0.00	19.69 1.13 0.00	18.98 1.09 0.00	18.37 0.99 0.00	19.47 1.05 0.00	22.69 1.36 -0.35	22.81 1.66 -0.17	24.61 1.91 0.00	23.19 1.88 0.00	23.62 1.79 0.00	25.56 1.94 0.00	26.54 1.98 -0.07	29.39 2.19 -0.19	30.34 2.33 -0.29	31.41 2.51 -0.33	36.99 2.92 -0.56	39.86 3.19 -0.38	38.58 2.89 0.00	33.92 2.04 0.00	32.02 1.93 0.00	29.97 2.17 0.00	26.19 1.92 0.00	23.52 1.67 -0.75

HUDSON_AVE_10 24168	23.84 1.46 0.00	21.81 1.18 0.00	19.63 1.08 0.00	18.92 1.04 0.00	18.31 0.94 0.00	19.42 0.99 0.00	22.65 1.32 -0.35	22.79 1.64 -0.17	24.59 1.88 0.00	23.15 1.83 0.00	23.56 1.72 0.00	25.49 1.87 0.00	26.47 1.91 -0.07	29.28 2.08 -0.19	30.23 2.22 -0.29	31.33 2.43 -0.33	36.89 2.82 -0.56	39.75 3.08 -0.38	38.48 2.78 0.00	33.79 1.91 0.00	31.93 1.84 0.00	29.89 2.09 0.00	26.14 1.87 0.00	23.48 1.63 -0.75
HUDSON___115KV_TB 4 355613	23.35 0.96 0.00	21.43 0.80 0.00	19.30 0.74 0.00	18.56 0.68 0.00	18.04 0.66 0.00	19.16 0.74 0.00	22.27 0.86 -0.43	22.14 0.94 -0.21	23.75 1.04 0.00	22.17 0.85 0.00	22.62 0.79 0.00	24.42 0.80 0.00	25.37 0.93 0.05	27.96 1.11 0.15	28.72 1.22 0.22	29.56 1.26 0.26	34.65 1.58 0.44	37.81 1.81 0.29	37.48 1.78 0.00	33.40 1.53 0.00	31.63 1.53 0.00	29.31 1.50 0.00	25.48 1.21 0.00	22.99 0.95 -0.93
HUNTER MOUNT___DRP 323613	23.44 1.05 0.00	21.52 0.89 0.00	19.35 0.80 0.00	18.60 0.72 0.00	18.09 0.71 0.00	19.21 0.79 0.00	22.30 0.90 -0.42	22.15 0.97 -0.21	23.82 1.11 0.00	22.17 0.85 0.00	22.62 0.79 0.00	24.38 0.76 0.00	25.43 0.98 0.04	28.09 1.19 0.10	28.87 1.30 0.15	29.70 1.31 0.17	34.90 1.68 0.29	38.05 1.96 0.20	37.55 1.86 0.00	33.53 1.66 0.00	31.78 1.69 0.00	29.45 1.64 0.00	25.58 1.31 0.00	22.96 0.95 -0.90
HUNTINGTON_RES_REC 323705	32.05 2.26 -7.41	22.90 1.96 -0.31	21.66 1.67 -1.44	19.56 1.66 -0.01	18.98 1.60 -0.01	20.04 1.62 0.00	23.48 2.14 -0.36	25.73 2.41 -2.34	26.57 2.68 -1.19	23.47 2.15 0.00	25.97 2.31 -1.82	27.20 2.43 -1.14	27.02 2.45 -0.08	30.30 2.81 -0.49	31.42 2.75 -0.95	33.17 3.20 -1.41	38.03 3.85 -0.66	46.66 4.21 -6.16	46.48 3.96 -6.83	41.69 3.09 -6.73	43.82 2.95 -10.77	39.15 3.00 -8.34	38.26 2.74 -11.25	31.10 2.32 -7.67
HUNTLEY___63 23557	22.50 0.11 0.00	20.40 -0.23 0.00	18.35 -0.20 0.00	17.76 -0.13 0.00	17.31 -0.07 0.00	18.33 -0.09 0.00	20.55 -0.48 -0.05	20.38 -0.63 -0.03	22.07 -0.64 0.00	20.96 -0.36 0.00	22.10 0.26 0.00	24.07 0.45 0.00	24.93 0.44 0.00	27.46 0.46 0.00	27.50 -0.22 0.00	28.28 -0.29 0.00	32.81 -0.70 0.00	35.42 -0.87 0.00	34.76 -0.93 0.00	32.00 0.13 0.00	29.79 -0.30 0.00	27.14 -0.67 0.00	24.39 0.12 0.00	21.03 -0.19 -0.11
HUNTLEY___64 23558	22.50 0.11 0.00	20.40 -0.23 0.00	18.35 -0.20 0.00	17.76 -0.13 0.00	17.31 -0.07 0.00	18.33 -0.09 0.00	20.55 -0.48 -0.05	20.38 -0.63 -0.03	22.07 -0.64 0.00	20.96 -0.36 0.00	22.10 0.26 0.00	24.07 0.45 0.00	24.93 0.44 0.00	27.46 0.46 0.00	27.50 -0.22 0.00	28.28 -0.29 0.00	32.81 -0.70 0.00	35.42 -0.87 0.00	34.76 -0.93 0.00	32.00 0.13 0.00	29.79 -0.30 0.00	27.14 -0.67 0.00	24.39 0.12 0.00	21.03 -0.19 -0.11
HUNTLEY___65 23559	22.50 0.11 0.00	20.40 -0.23 0.00	18.35 -0.20 0.00	17.76 -0.13 0.00	17.31 -0.07 0.00	18.33 -0.09 0.00	20.55 -0.48 -0.05	20.38 -0.63 -0.03	22.07 -0.64 0.00	20.96 -0.36 0.00	22.10 0.26 0.00	24.07 0.45 0.00	24.93 0.44 0.00	27.46 0.46 0.00	27.50 -0.22 0.00	28.28 -0.29 0.00	32.81 -0.70 0.00	35.42 -0.87 0.00	34.76 -0.93 0.00	32.00 0.13 0.00	29.79 -0.30 0.00	27.14 -0.67 0.00	24.39 0.12 0.00	21.03 -0.19 -0.11
HUNTLEY___66 23560	22.50 0.11 0.00	20.40 -0.23 0.00	18.35 -0.20 0.00	17.76 -0.13 0.00	17.31 -0.07 0.00	18.33 -0.09 0.00	20.55 -0.48 -0.05	20.38 -0.63 -0.03	22.07 -0.64 0.00	20.96 -0.36 0.00	22.10 0.26 0.00	24.07 0.45 0.00	24.93 0.44 0.00	27.46 0.46 0.00	27.50 -0.22 0.00	28.28 -0.29 0.00	32.81 -0.70 0.00	35.42 -0.87 0.00	34.76 -0.93 0.00	32.00 0.13 0.00	29.79 -0.30 0.00	27.14 -0.67 0.00	24.39 0.12 0.00	21.03 -0.19 -0.11
HUNTLEY___67 23561	22.45 0.07 0.00	20.38 -0.25 0.00	18.33 -0.22 0.00	17.72 -0.16 0.00	17.27 -0.10 0.00	18.29 -0.13 0.00	20.51 -0.52 -0.05	20.36 -0.65 -0.03	22.03 -0.68 0.00	20.94 -0.38 0.00	22.07 0.24 0.00	24.02 0.40 0.00	24.88 0.39 0.00	27.41 0.41 0.00	27.44 -0.28 0.00	28.22 -0.34 0.00	32.71 -0.80 0.00	35.34 -0.94 0.00	34.69 -1.00 0.00	31.88 0.00 0.00	29.70 -0.39 0.00	27.08 -0.72 0.00	24.34 0.07 0.00	20.99 -0.23 -0.11
HUNTLEY___68 23562	22.45 0.07 0.00	20.38 -0.25 0.00	18.33 -0.22 0.00	17.72 -0.16 0.00	17.27 -0.10 0.00	18.29 -0.13 0.00	20.51 -0.52 -0.05	20.36 -0.65 -0.03	22.03 -0.68 0.00	20.94 -0.38 0.00	22.07 0.24 0.00	24.02 0.40 0.00	24.88 0.39 0.00	27.41 0.41 0.00	27.44 -0.28 0.00	28.22 -0.34 0.00	32.71 -0.80 0.00	35.34 -0.94 0.00	34.69 -1.00 0.00	31.88 0.00 0.00	29.70 -0.39 0.00	27.08 -0.72 0.00	24.34 0.07 0.00	20.99 -0.23 -0.11
HYLAND___LFGE 323620	23.71 1.32 0.00	21.56 0.93 0.00	19.28 0.72 0.00	18.58 0.70 0.00	18.09 0.71 0.00	19.25 0.83 0.00	21.77 0.73 -0.06	21.28 0.27 -0.03	22.68 -0.02 0.00	21.26 -0.06 0.00	22.10 0.26 0.00	24.21 0.59 0.00	25.01 0.52 0.00	27.49 0.49 0.00	28.47 0.75 0.00	28.88 0.31 0.00	33.75 0.24 0.00	36.94 0.65 0.00	36.87 1.18 0.00	34.07 2.20 0.00	32.14 2.05 0.00	30.00 2.20 0.00	26.07 1.80 0.00	22.34 1.12 -0.12
INDECK___CORINTH 23802	23.95 1.57 0.00	21.97 1.34 0.00	19.73 1.17 0.00	18.99 1.11 0.00	18.47 1.10 0.00	19.60 1.18 0.00	22.95 1.51 -0.46	22.85 1.64 -0.23	24.50 1.79 0.00	22.87 1.56 0.00	23.38 1.55 0.00	25.27 1.65 0.00	26.08 1.67 0.08	28.61 1.84 0.23	28.38 1.00 0.34	29.29 1.11 0.39	34.26 1.41 0.66	37.48 1.63 0.44	37.33 1.64 0.00	33.37 1.50 0.00	31.72 1.62 0.00	29.25 1.44 0.00	26.28 2.01 0.00	23.76 1.65 -1.00
INDECK___ILION 23567	22.50 0.11 0.00	20.71 0.08 0.00	18.63 0.07 0.00	17.99 0.11 0.00	17.50 0.12 0.00	18.55 0.13 0.00	21.06 0.08 0.00	21.06 0.08 0.00	22.80 0.09 0.00	21.40 0.09 0.00	21.92 0.09 0.00	23.81 0.19 0.00	24.69 0.20 0.00	27.14 0.14 0.00	27.86 0.14 0.00	28.68 0.11 0.00	33.68 0.17 0.00	36.47 0.18 0.00	35.91 0.21 0.00	32.07 0.19 0.00	30.27 0.18 0.00	27.97 0.17 0.00	24.39 0.12 0.00	21.19 0.08 0.00
INDECK___OLEAN 23982	22.70 0.31 0.00	20.63 0.00 0.00	18.54 -0.02 0.00	17.89 0.00 0.00	17.48 0.10 0.00	18.55 0.13 0.00	20.22 -0.82 -0.06	20.80 -0.21 -0.03	22.48 -0.23 0.00	21.43 0.11 0.00	22.44 0.61 0.00	24.40 0.78 0.00	25.32 0.83 0.00	27.89 0.89 0.00	28.97 1.25 0.00	29.19 0.63 0.00	33.88 0.37 0.00	36.58 0.29 0.00	35.91 0.22 0.00	32.77 0.89 0.00	30.48 0.39 0.00	28.58 0.78 0.00	24.71 0.44 0.00	20.75 -0.48 -0.13
INDECK___OSWEGO 23783	22.01 -0.38 0.00	20.22 -0.41 0.00	18.20 -0.35 0.00	17.53 -0.36 0.00	17.05 -0.33 0.00	18.07 -0.35 0.00	20.59 -0.42 -0.03	20.49 -0.50 -0.01	22.16 -0.55 0.00	20.83 -0.49 0.00	21.40 -0.44 0.00	23.22 -0.40 0.00	24.07 -0.42 0.00	27.57 -0.49 -1.05	28.67 -0.44 -1.40	28.66 -0.80 -0.89	32.95 -1.00 -0.44	39.01 -1.09 -3.81	37.22 -1.07 -2.59	33.86 -0.83 -2.82	32.77 -0.78 -3.46	30.18 -0.67 -3.04	24.43 -0.44 -0.59	20.72 -0.44 -0.05

INDECK___YERKES 23781	22.50 0.11 0.00	20.40 -0.23 0.00	18.41 -0.15 0.00	17.78 -0.11 0.00	17.31 -0.07 0.00	18.39 -0.04 0.00	20.55 -0.48 -0.05	20.38 -0.63 -0.03	22.07 -0.64 0.00	20.98 -0.34 0.00	22.10 0.26 0.00	24.07 0.45 0.00	24.93 0.44 0.00	27.46 0.46 0.00	28.61 0.89 0.00	28.56 0.00 0.00	33.04 -0.47 0.00	35.64 -0.65 0.00	34.91 -0.79 0.00	32.07 0.19 0.00	29.91 -0.18 0.00	28.31 0.50 0.00	24.49 0.22 0.00	21.00 -0.21 -0.11
INDIAN POINT_GT_1 24139	23.71 1.32 0.00	21.72 1.09 0.00	19.56 1.00 0.00	18.85 0.97 0.00	18.26 0.89 0.00	19.36 0.94 0.00	22.52 1.20 -0.34	22.58 1.43 -0.17	24.34 1.63 0.00	22.90 1.58 0.00	23.36 1.53 0.00	25.25 1.63 0.00	26.22 1.67 -0.07	29.03 1.84 -0.19	30.00 2.00 -0.28	31.03 2.14 -0.33	36.61 2.55 -0.55	39.42 2.76 -0.37	38.26 2.57 0.00	33.72 1.85 0.00	31.84 1.75 0.00	29.70 1.89 0.00	25.90 1.63 0.00	23.30 1.46 -0.74
INDIAN POINT_GT_2 23659	23.71 1.32 0.00	21.72 1.09 0.00	19.56 1.00 0.00	18.85 0.97 0.00	18.26 0.89 0.00	19.36 0.94 0.00	22.52 1.20 -0.34	22.58 1.43 -0.17	24.34 1.63 0.00	22.90 1.58 0.00	23.36 1.53 0.00	25.25 1.63 0.00	26.22 1.67 -0.07	29.03 1.84 -0.19	30.00 2.00 -0.28	31.03 2.14 -0.33	36.61 2.55 -0.55	39.42 2.76 -0.37	38.26 2.57 0.00	33.72 1.85 0.00	31.84 1.75 0.00	29.70 1.89 0.00	25.90 1.63 0.00	23.30 1.46 -0.74
INDIAN POINT_GT_3 24019	23.71 1.32 0.00	21.72 1.09 0.00	19.56 1.00 0.00	18.85 0.97 0.00	18.26 0.89 0.00	19.36 0.94 0.00	22.52 1.20 -0.34	22.58 1.43 -0.17	24.34 1.63 0.00	22.90 1.58 0.00	23.36 1.53 0.00	25.25 1.63 0.00	26.22 1.67 -0.07	29.03 1.84 -0.19	30.00 2.00 -0.28	31.03 2.14 -0.33	36.61 2.55 -0.55	39.42 2.76 -0.37	38.26 2.57 0.00	33.72 1.85 0.00	31.84 1.75 0.00	29.70 1.89 0.00	25.90 1.63 0.00	23.30 1.46 -0.74
INDIAN POINT___2 23530	23.68 1.30 0.00	21.70 1.07 0.00	19.50 0.95 0.00	18.81 0.93 0.00	18.24 0.87 0.00	19.32 0.90 0.00	22.49 1.17 -0.34	22.55 1.41 -0.17	24.32 1.61 0.00	22.87 1.56 0.00	23.34 1.51 0.00	25.23 1.61 0.00	26.22 1.67 -0.06	29.00 1.81 -0.18	29.71 1.72 -0.27	30.96 2.08 -0.31	36.55 2.51 -0.53	39.37 2.72 -0.36	38.23 2.53 0.00	33.69 1.82 0.00	31.81 1.71 0.00	29.47 1.67 0.00	25.85 1.58 0.00	23.27 1.44 -0.73
INDIAN POINT___3 23531	23.69 1.30 0.00	21.70 1.07 0.00	19.54 0.98 0.00	18.83 0.95 0.00	18.26 0.89 0.00	19.34 0.92 0.00	22.52 1.20 -0.34	22.56 1.41 -0.17	24.32 1.61 0.00	22.88 1.56 0.00	23.34 1.51 0.00	25.23 1.61 0.00	26.20 1.64 -0.07	29.00 1.81 -0.19	29.97 1.97 -0.28	31.01 2.11 -0.33	36.58 2.51 -0.55	39.38 2.72 -0.37	38.19 2.50 0.00	33.69 1.82 0.00	31.81 1.72 0.00	29.67 1.86 0.00	25.85 1.58 0.00	23.28 1.44 -0.74
INGHAM_C_115KV_TB7 356103	22.45 0.07 0.00	20.69 0.06 0.00	18.59 0.04 0.00	18.01 0.13 0.00	17.52 0.14 0.00	18.57 0.15 0.00	21.04 0.06 0.00	21.02 0.04 0.00	22.75 0.05 0.00	21.36 0.04 0.00	21.86 0.02 0.00	23.83 0.21 0.00	24.71 0.22 0.00	27.08 0.08 0.00	27.81 0.08 0.00	28.59 0.03 0.00	33.58 0.07 0.00	36.40 0.11 0.00	35.83 0.14 0.00	32.00 0.13 0.00	30.24 0.15 0.00	27.94 0.14 0.00	24.37 0.10 0.00	21.15 0.04 0.00
IP CORINTH___1 23988	23.95 1.57 0.00	21.97 1.34 0.00	19.78 1.22 0.00	18.99 1.11 0.00	18.47 1.09 0.00	19.62 1.20 0.00	22.95 1.51 -0.46	22.85 1.64 -0.23	24.50 1.79 0.00	22.88 1.56 0.00	23.38 1.55 0.00	25.27 1.65 0.00	26.08 1.67 0.08	28.61 1.84 0.23	29.38 2.00 0.34	30.20 2.03 0.39	35.37 2.51 0.66	38.67 2.83 0.44	38.51 2.82 0.00	34.46 2.58 0.00	32.74 2.65 0.00	30.22 2.42 0.00	26.29 2.01 0.00	23.75 1.65 -1.00
IP___TICONDEROGA 23804	24.89 2.51 0.00	22.75 2.12 0.00	20.49 1.93 0.00	19.73 1.84 0.00	19.18 1.81 0.00	20.41 1.99 0.00	23.85 2.41 -0.46	23.83 2.62 -0.23	25.57 2.86 0.00	23.81 2.49 0.00	24.34 2.51 0.00	26.46 2.83 0.00	27.32 2.91 0.08	29.77 3.00 0.23	30.59 3.22 0.34	31.36 3.20 0.40	36.80 3.95 0.67	40.33 4.50 0.45	40.26 4.57 0.00	36.21 4.33 0.00	34.55 4.45 0.00	31.75 3.95 0.00	27.57 3.30 0.00	24.74 2.64 -1.00
ISLIP_RES_REC 323679	32.61 2.82 -7.41	23.45 2.52 -0.31	22.15 2.13 -1.46	19.98 2.09 -0.01	19.38 2.00 -0.01	20.45 2.03 0.00	24.01 2.66 -0.36	26.26 2.94 -2.34	27.11 3.22 -1.19	23.77 2.45 0.00	26.32 2.66 -1.82	27.55 2.79 -1.14	27.27 2.69 -0.08	30.59 3.10 -0.49	31.83 3.16 -0.95	33.83 3.85 -1.41	38.69 4.59 -0.59	47.35 4.90 -6.16	47.20 4.67 -6.83	42.32 3.79 -6.65	44.46 3.67 -10.69	39.52 3.48 -8.24	36.12 3.20 -8.64	31.60 2.83 -7.67
JAMAICA__27_KV_LOAD 355505	23.98 1.59 0.00	21.89 1.26 0.00	19.72 1.17 0.00	18.99 1.11 0.00	18.37 0.99 0.00	19.49 1.07 0.00	22.79 1.47 -0.35	22.98 1.83 -0.17	24.84 2.13 0.00	23.37 2.05 0.00	23.71 1.88 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.41 2.21 -0.19	30.39 2.38 -0.29	31.50 2.60 -0.33	37.09 3.02 -0.56	39.97 3.30 -0.38	38.73 3.03 0.00	33.95 2.07 0.00	32.11 2.02 0.00	30.09 2.28 0.00	26.36 2.09 0.00	23.63 1.77 -0.75
JANIS___SOLAR 323808	23.42 1.03 0.00	21.48 0.85 0.00	19.30 0.74 0.00	18.58 0.70 0.00	18.11 0.73 0.00	19.21 0.79 0.00	21.86 0.80 -0.08	21.82 0.80 -0.04	23.45 0.75 0.00	21.94 0.62 0.00	22.49 0.65 0.00	24.45 0.83 0.00	25.35 0.86 0.00	28.13 0.92 -0.21	29.06 1.05 -0.28	29.66 0.91 -0.18	34.77 1.17 -0.09	38.47 1.41 -0.77	37.93 1.71 -0.52	34.42 1.98 -0.57	32.66 1.87 -0.70	30.09 1.67 -0.61	25.60 1.21 -0.12	22.15 0.87 -0.18
JARVIS____ 23743	22.48 0.09 0.00	20.67 0.04 0.00	18.61 0.06 0.00	17.94 0.05 0.00	17.43 0.05 0.00	18.48 0.06 0.00	21.04 0.06 0.00	21.04 0.06 0.00	22.77 0.07 0.00	21.38 0.06 0.00	21.90 0.07 0.00	23.72 0.09 0.00	24.59 0.10 0.00	27.11 0.11 0.00	27.81 0.08 0.00	28.65 0.09 0.00	33.61 0.10 0.00	36.40 0.11 0.00	35.80 0.11 0.00	31.97 0.10 0.00	30.18 0.09 0.00	27.92 0.11 0.00	24.34 0.07 0.00	21.17 0.06 0.00
JENNISON___1 23625	23.57 1.19 0.00	21.62 0.99 0.00	19.39 0.83 0.00	18.73 0.84 0.00	18.23 0.85 0.00	19.34 0.92 0.00	22.05 0.97 -0.11	22.10 1.07 -0.05	23.80 1.09 0.00	22.32 1.00 0.00	22.88 1.05 0.00	24.92 1.30 0.00	25.79 1.30 0.00	28.56 1.40 -0.15	29.31 1.39 -0.20	30.06 1.37 -0.13	35.25 1.68 -0.06	38.76 1.92 -0.54	38.10 2.03 -0.37	34.35 2.07 -0.40	32.57 1.99 -0.49	29.85 1.61 -0.43	25.69 1.33 -0.08	22.35 1.01 -0.23
JENNISON___2 23626	23.57 1.19 0.00	21.62 0.99 0.00	19.39 0.83 0.00	18.73 0.84 0.00	18.23 0.85 0.00	19.34 0.92 0.00	22.05 0.97 -0.11	22.10 1.07 -0.05	23.80 1.09 0.00	22.32 1.00 0.00	22.88 1.05 0.00	24.92 1.30 0.00	25.79 1.30 0.00	28.56 1.40 -0.15	29.31 1.39 -0.20	30.06 1.37 -0.13	35.25 1.68 -0.06	38.76 1.92 -0.54	38.10 2.03 -0.37	34.35 2.07 -0.40	32.57 1.99 -0.49	29.85 1.61 -0.43	25.69 1.33 -0.08	22.35 1.01 -0.23

JERICO_RISE_WT_PWR 323719	22.48 0.09 0.00	20.84 0.21 0.00	18.65 0.09 0.00	18.01 0.13 0.00	17.46 0.09 0.00	18.53 0.11 0.00	21.17 0.19 0.00	21.25 0.27 0.00	22.96 0.25 0.00	21.49 0.17 0.00	21.92 0.09 0.00	23.53 -0.09 0.00	24.47 -0.02 0.00	27.06 0.05 0.00	27.86 0.14 0.00	28.71 0.14 0.00	33.71 0.20 0.00	36.61 0.33 0.00	36.09 0.39 0.00	32.29 0.41 0.00	30.46 0.36 0.00	27.94 0.14 0.00	24.20 -0.07 0.00	21.06 -0.04 0.00
KATONAH__115KV_46KV_TB4 355592	23.82 1.43 0.00	21.85 1.22 0.00	19.67 1.11 0.00	18.94 1.06 0.00	18.35 0.97 0.00	19.45 1.03 0.00	22.61 1.28 -0.35	22.71 1.55 -0.18	24.48 1.77 0.00	23.02 1.71 0.00	23.49 1.66 0.00	25.37 1.75 0.00	26.37 1.81 -0.07	29.20 2.00 -0.19	30.17 2.16 -0.29	31.21 2.31 -0.33	36.85 2.78 -0.56	39.71 3.05 -0.38	38.51 2.82 0.00	34.01 2.14 0.00	32.08 1.99 0.00	29.92 2.11 0.00	26.04 1.77 0.00	23.45 1.58 -0.76
KCE_NY_1 323755	23.78 1.39 0.00	21.85 1.22 0.00	19.63 1.08 0.00	18.90 1.02 0.00	18.38 1.01 0.00	19.49 1.07 0.00	22.76 1.32 -0.46	22.64 1.43 -0.23	24.25 1.54 0.00	22.66 1.34 0.00	23.17 1.33 0.00	25.04 1.42 0.00	25.88 1.47 0.08	28.41 1.65 0.24	28.78 1.41 0.35	29.72 1.57 0.41	34.77 1.94 0.69	37.96 2.14 0.47	37.83 2.14 0.00	33.79 1.91 0.00	32.02 1.93 0.00	29.53 1.72 0.00	25.99 1.72 0.00	23.58 1.48 -1.00
KCE_NY_6_ESR 323823	22.77 0.38 0.00	20.65 0.02 0.00	18.61 0.06 0.00	17.94 0.05 0.00	17.50 0.12 0.00	18.57 0.15 0.00	20.66 -0.38 -0.05	20.69 -0.31 -0.03	22.39 -0.32 0.00	21.30 -0.02 0.00	22.40 0.57 0.00	24.40 0.78 0.00	25.30 0.81 0.00	27.87 0.86 0.00	29.00 1.28 0.00	29.02 0.46 0.00	33.58 0.07 0.00	36.25 -0.04 0.00	35.51 -0.18 0.00	32.58 0.70 0.00	30.36 0.27 0.00	28.67 0.86 0.00	24.80 0.53 0.00	21.16 -0.06 -0.12
KEDC_PORT_JEFF_GT2 24210	32.41 2.62 -7.41	23.27 2.33 -0.31	22.00 1.99 -1.46	19.86 1.97 -0.01	19.26 1.88 -0.01	20.32 1.90 0.00	23.80 2.45 -0.36	26.05 2.73 -2.34	26.89 3.00 -1.19	23.58 2.26 0.00	26.10 2.44 -1.82	27.32 2.55 -1.14	27.10 2.52 -0.08	30.35 2.86 -0.49	31.55 2.88 -0.95	33.49 3.51 -1.41	38.29 4.19 -0.59	46.95 4.50 -6.16	46.80 4.28 -6.83	41.94 3.41 -6.66	44.10 3.31 -10.70	39.23 3.17 -8.26	36.25 2.96 -9.02	31.39 2.62 -7.67
KEDC_PORT_JEFF_GT3 24211	32.41 2.62 -7.41	23.27 2.33 -0.31	22.00 1.99 -1.46	19.86 1.97 -0.01	19.26 1.88 -0.01	20.32 1.90 0.00	23.80 2.45 -0.36	26.05 2.73 -2.34	26.89 3.00 -1.19	23.58 2.26 0.00	26.10 2.44 -1.82	27.32 2.55 -1.14	27.10 2.52 -0.08	30.35 2.86 -0.49	31.55 2.88 -0.95	33.49 3.51 -1.41	38.29 4.19 -0.59	46.95 4.50 -6.16	46.80 4.28 -6.83	41.94 3.41 -6.66	44.10 3.31 -10.70	39.23 3.17 -8.26	36.25 2.96 -9.02	31.39 2.62 -7.67
KEDC_GLWD_GT4 24219	31.58 1.79 -7.41	22.44 1.51 -0.31	21.34 1.34 -1.45	19.22 1.32 -0.01	18.64 1.25 -0.01	19.71 1.29 0.00	22.98 1.64 -0.36	25.20 1.89 -2.33	26.03 2.13 -1.19	23.28 1.96 0.00	25.68 2.03 -1.82	26.94 2.17 -1.14	26.83 2.25 -0.08	29.97 2.48 -0.49	31.06 2.38 -0.95	32.69 2.72 -1.41	37.20 3.12 -0.57	45.83 3.38 -6.16	45.63 3.10 -6.83	40.83 2.33 -6.63	42.97 2.20 -10.68	38.10 2.11 -8.19	33.35 2.06 -7.02	30.67 1.90 -7.67
KEDC_GLWD_GT5 24220	31.58 1.79 -7.41	22.44 1.51 -0.31	21.34 1.34 -1.45	19.22 1.32 -0.01	18.64 1.25 -0.01	19.71 1.29 0.00	22.98 1.64 -0.36	25.20 1.89 -2.33	26.03 2.13 -1.19	23.28 1.96 0.00	25.68 2.03 -1.82	26.94 2.17 -1.14	26.83 2.25 -0.08	29.97 2.48 -0.49	31.06 2.38 -0.95	32.69 2.72 -1.41	37.20 3.12 -0.57	45.83 3.38 -6.16	45.63 3.10 -6.83	40.83 2.33 -6.63	42.97 2.20 -10.68	38.10 2.11 -8.19	33.35 2.06 -7.02	30.67 1.90 -7.67
KENSICO____ 23655	23.77 1.39 0.00	21.79 1.16 0.00	19.61 1.06 0.00	18.90 1.02 0.00	18.31 0.94 0.00	19.42 0.99 0.00	22.60 1.28 -0.34	22.66 1.51 -0.17	24.43 1.73 0.00	22.98 1.66 0.00	23.45 1.62 0.00	25.35 1.72 0.00	26.35 1.79 -0.07	29.14 1.94 -0.19	30.12 2.11 -0.29	31.15 2.26 -0.33	36.75 2.68 -0.56	39.57 2.90 -0.38	38.37 2.68 0.00	33.82 1.94 0.00	31.93 1.84 0.00	29.81 2.00 0.00	25.99 1.72 0.00	23.37 1.52 -0.75
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	23.71 1.32 0.00	21.68 1.05 0.00	19.50 0.95 0.00	18.83 0.95 0.00	18.26 0.89 0.00	19.38 0.96 0.00	22.45 1.15 -0.32	22.42 1.28 -0.16	24.14 1.43 0.00	22.68 1.36 0.00	23.14 1.31 0.00	25.06 1.44 0.00	25.99 1.47 -0.03	28.74 1.65 -0.09	29.63 1.77 -0.14	30.67 1.94 -0.16	36.20 2.41 -0.27	39.16 2.69 -0.18	38.19 2.50 0.00	33.76 1.88 0.00	31.87 1.78 0.00	29.70 1.89 0.00	25.82 1.55 0.00	23.17 1.37 -0.69
KIAC_JFK_GT1 23816	23.86 1.48 0.00	21.81 1.18 0.00	19.65 1.09 0.00	18.90 1.02 0.00	18.28 0.90 0.00	19.40 0.98 0.00	22.69 1.36 -0.35	22.87 1.72 -0.17	24.73 2.02 0.00	23.26 1.94 0.00	23.60 1.77 0.00	25.51 1.89 0.00	26.47 1.91 -0.07	29.17 1.97 -0.19	30.15 2.13 -0.29	31.24 2.34 -0.33	36.79 2.71 -0.56	39.64 2.98 -0.38	38.40 2.71 0.00	33.69 1.82 0.00	31.84 1.75 0.00	29.92 2.11 0.00	26.21 1.94 0.00	23.52 1.67 -0.75
KIAC_JFK_GT2 23817	23.86 1.48 0.00	21.81 1.18 0.00	19.65 1.09 0.00	18.90 1.02 0.00	18.28 0.90 0.00	19.40 0.98 0.00	22.69 1.36 -0.35	22.87 1.72 -0.17	24.73 2.02 0.00	23.26 1.94 0.00	23.60 1.77 0.00	25.51 1.89 0.00	26.47 1.91 -0.07	29.17 1.97 -0.19	30.15 2.13 -0.29	31.24 2.34 -0.33	36.79 2.71 -0.56	39.64 2.98 -0.38	38.40 2.71 0.00	33.69 1.82 0.00	31.84 1.75 0.00	29.92 2.11 0.00	26.21 1.94 0.00	23.52 1.67 -0.75
KIAC_JFK____ 323774	23.86 1.48 0.00	21.81 1.18 0.00	19.59 1.04 0.00	18.90 1.02 0.00	18.28 0.90 0.00	19.38 0.96 0.00	22.69 1.36 -0.35	22.87 1.72 -0.17	24.73 2.02 0.00	23.26 1.94 0.00	23.60 1.77 0.00	25.51 1.89 0.00	26.47 1.91 -0.07	29.17 1.97 -0.19	29.84 1.83 -0.29	31.21 2.31 -0.34	36.76 2.68 -0.56	39.64 2.98 -0.38	38.44 2.75 0.00	33.69 1.82 0.00	31.87 1.78 0.00	29.53 1.72 0.00	26.21 1.94 0.00	23.52 1.67 -0.75
KINTIGH____ 23543	22.27 -0.11 0.00	20.26 -0.37 0.00	18.22 -0.33 0.00	17.60 -0.29 0.00	17.15 -0.23 0.00	18.16 -0.26 0.00	20.63 -0.40 -0.04	20.31 -0.69 -0.02	21.98 -0.73 0.00	20.83 -0.49 0.00	21.90 0.07 0.00	23.81 0.19 0.00	24.61 0.12 0.00	27.14 0.14 0.00	27.22 -0.50 0.00	28.02 -0.54 0.00	32.51 -1.01 0.00	35.13 -1.16 0.00	34.51 -1.18 0.00	31.62 -0.25 0.00	29.55 -0.54 0.00	26.97 -0.83 0.00	24.15 -0.12 0.00	21.03 -0.17 -0.10
KNTFSRNC_46_KV_46KV_LOAD 80397	22.77 0.38 0.00	21.08 0.45 0.00	18.91 0.35 0.00	18.21 0.32 0.00	17.64 0.26 0.00	18.75 0.33 0.00	21.44 0.46 0.00	21.55 0.57 0.00	23.25 0.54 0.00	21.77 0.45 0.00	22.20 0.37 0.00	23.79 0.17 0.00	24.78 0.29 0.00	27.41 0.41 0.00	28.25 0.53 0.00	29.11 0.54 0.00	34.22 0.70 0.00	37.20 0.91 0.00	36.66 0.96 0.00	32.80 0.92 0.00	30.97 0.87 0.00	28.36 0.56 0.00	24.49 0.22 0.00	21.34 0.23 0.00

LACHUTE____HYDRO 323717	24.89 2.51 0.00	22.76 2.13 0.00	20.49 1.93 0.00	19.73 1.84 0.00	19.18 1.81 0.00	20.41 1.99 0.00	23.85 2.41 -0.46	23.83 2.62 -0.23	25.54 2.84 0.00	23.81 2.49 0.00	24.34 2.51 0.00	26.45 2.83 0.00	27.32 2.91 0.08	29.77 3.00 0.23	29.84 2.47 0.34	30.65 2.48 0.40	35.96 3.12 0.67	39.43 3.59 0.45	39.33 3.64 0.00	35.35 3.47 0.00	33.76 3.67 0.00	31.06 3.25 0.00	27.55 3.28 0.00	24.74 2.64 -1.00
LAWRNCAV_115KV_TB1 80681	21.76 -0.63 0.00	20.22 -0.41 0.00	18.13 -0.43 0.00	17.51 -0.38 0.00	16.98 -0.40 0.00	18.02 -0.41 0.00	20.52 -0.46 0.00	20.67 -0.31 0.00	22.27 -0.43 0.00	20.74 -0.58 0.00	20.98 -0.85 0.00	22.51 -1.11 0.00	23.41 -1.08 0.00	25.86 -1.22 -0.07	26.65 -1.16 -0.09	27.39 -1.23 -0.06	32.13 -1.41 -0.03	35.15 -1.38 -0.24	34.54 -1.32 -0.16	30.94 -1.12 -0.18	29.32 -0.99 -0.22	26.94 -1.06 -0.19	23.56 -0.75 -0.04	20.62 -0.49 0.00
LEDERLE____ 23769	23.75 1.37 0.00	21.74 1.11 0.00	19.56 1.00 0.00	18.87 0.98 0.00	18.31 0.94 0.00	19.40 0.98 0.00	22.55 1.24 -0.33	22.59 1.45 -0.16	24.36 1.66 0.00	22.94 1.62 0.00	23.41 1.57 0.00	25.32 1.70 0.00	26.29 1.74 -0.06	29.10 1.92 -0.18	30.06 2.08 -0.26	31.09 2.23 -0.30	36.67 2.65 -0.51	39.50 2.87 -0.34	38.37 2.68 0.00	33.85 1.98 0.00	31.93 1.84 0.00	29.78 1.97 0.00	25.92 1.65 0.00	23.32 1.50 -0.71
LIGHTHSE_115KV_TB6 355974	22.32 -0.07 0.00	20.51 -0.12 0.00	18.43 -0.13 0.00	17.76 -0.13 0.00	17.29 -0.09 0.00	18.33 -0.09 0.00	20.88 -0.13 -0.02	20.82 -0.17 -0.01	22.50 -0.20 0.00	21.11 -0.21 0.00	21.66 -0.17 0.00	23.55 -0.07 0.00	24.39 -0.10 0.00	27.41 -0.16 -0.57	28.26 -0.22 -0.76	28.68 -0.37 -0.48	33.25 -0.50 -0.24	37.84 -0.51 -2.06	36.70 -0.39 -1.40	33.27 -0.13 -1.52	31.91 -0.06 -1.87	29.34 -0.11 -1.64	24.52 -0.07 -0.32	21.05 -0.11 -0.05
LINDEN COGEN____ 23786	23.73 1.34 0.00	21.70 1.07 0.00	19.54 0.98 0.00	18.85 0.97 0.00	18.26 0.89 0.00	19.34 0.92 0.00	22.54 1.22 -0.35	22.66 1.51 -0.17	24.45 1.75 0.00	23.03 1.71 0.00	23.47 1.64 0.00	25.42 1.79 0.00	26.40 1.84 -0.07	29.17 1.97 -0.19	29.79 1.78 -0.29	31.16 2.26 -0.34	36.69 2.62 -0.56	39.53 2.87 -0.38	38.30 2.60 0.00	33.63 1.75 0.00	31.78 1.68 0.00	29.53 1.72 0.00	25.97 1.70 0.00	23.38 1.52 -0.75
LINDHRST_69_KV_BK1 356055	32.23 2.44 -7.41	23.08 2.15 -0.31	21.95 1.95 -1.45	19.73 1.84 0.00	19.11 1.74 0.00	20.25 1.82 0.00	23.61 2.27 -0.36	25.86 2.54 -2.34	26.68 2.79 -1.19	23.69 2.37 0.00	26.16 2.51 -1.82	27.43 2.67 -1.14	27.29 3.02 -0.08	30.51 3.22 -0.49	31.89 3.57 -0.95	33.55 3.75 -1.41	38.26 4.19 -0.56	46.95 4.50 -6.16	46.81 4.28 -6.83	41.92 3.41 -6.63	43.99 3.22 -10.68	39.22 3.23 -8.19	34.27 2.84 -7.16	31.29 2.51 -7.67
LIPA_MISC_IPP 23656	32.41 2.62 -7.41	23.31 2.37 -0.31	22.22 2.21 -1.46	19.91 2.02 0.00	19.29 1.91 0.00	20.41 1.99 0.00	23.86 2.52 -0.36	26.11 2.79 -2.34	26.93 3.04 -1.19	23.39 2.07 0.00	25.90 2.25 -1.82	27.15 2.39 -1.14	26.85 2.28 -0.08	30.05 2.57 -0.49	31.50 2.83 -0.95	33.35 3.37 -1.41	38.01 3.92 -0.57	46.66 4.21 -6.16	46.56 4.03 -6.83	41.74 3.22 -6.65	43.91 3.13 -10.69	39.30 3.25 -8.24	35.95 2.96 -8.71	31.33 2.55 -7.67
LISF____SOLAR 323691	32.43 2.64 -7.41	23.35 2.41 -0.31	22.11 2.10 -1.46	19.95 2.06 -0.01	19.35 1.96 -0.01	20.41 1.99 0.00	23.90 2.56 -0.36	26.15 2.83 -2.34	26.96 3.06 -1.19	23.39 2.07 0.00	25.90 2.25 -1.82	27.17 2.41 -1.14	26.88 2.72 -0.08	30.06 3.02 -0.49	31.28 2.61 -0.95	33.29 3.31 -1.41	38.05 3.95 -0.58	46.73 4.28 -6.16	46.59 4.07 -6.83	41.77 3.25 -6.65	44.01 3.22 -10.69	39.19 3.14 -8.24	35.99 2.98 -8.74	31.35 2.57 -7.67
LITTLE FALLS____HYD 24013	22.45 0.07 0.00	20.69 0.06 0.00	18.59 0.04 0.00	18.01 0.13 0.00	17.52 0.14 0.00	18.57 0.15 0.00	21.04 0.06 0.00	21.02 0.04 0.00	22.75 0.05 0.00	21.36 0.04 0.00	21.86 0.02 0.00	23.83 0.21 0.00	24.71 0.22 0.00	27.08 0.08 0.00	27.81 0.08 0.00	28.59 0.03 0.00	33.58 0.07 0.00	36.40 0.11 0.00	35.83 0.14 0.00	32.00 0.13 0.00	30.24 0.15 0.00	27.94 0.14 0.00	24.37 0.10 0.00	21.15 0.04 0.00
LITTLRIV_115KV_TB1 356100	21.94 -0.45 0.00	20.38 -0.25 0.00	18.26 -0.30 0.00	17.65 -0.23 0.00	17.13 -0.24 0.00	18.18 -0.24 0.00	20.71 -0.27 0.00	20.83 -0.15 0.00	22.43 -0.27 0.00	20.91 -0.41 0.00	21.13 -0.70 0.00	22.72 -0.90 0.00	23.63 -0.86 0.00	26.05 -1.03 -0.07	26.90 -0.91 -0.10	27.60 -1.03 -0.06	32.40 -1.14 -0.03	35.46 -1.09 -0.26	34.83 -1.04 -0.18	31.24 -0.83 -0.19	29.67 -0.66 -0.24	27.21 -0.81 -0.21	23.73 -0.58 -0.04	20.75 -0.36 0.00
LI_NEWBRDGE____DRP 323616	31.63 1.84 -7.41	22.51 1.57 -0.31	21.43 1.43 -1.45	19.26 1.38 0.00	18.68 1.30 0.00	19.79 1.36 0.00	23.04 1.70 -0.36	25.26 1.95 -2.33	26.05 2.16 -1.19	23.22 1.90 0.00	25.60 1.94 -1.82	26.82 2.06 -1.14	26.70 2.13 -0.08	29.81 2.32 -0.49	31.14 2.47 -0.95	32.69 2.71 -1.41	37.26 3.18 -0.56	45.86 3.41 -6.16	45.70 3.18 -6.83	40.90 2.39 -6.63	43.06 2.29 -10.68	38.44 2.45 -8.19	33.47 2.18 -7.02	30.70 1.92 -7.67
LOCKPORT_115KV_TB60_63_64 80432	22.45 0.07 0.00	20.36 -0.27 0.00	18.33 -0.22 0.00	17.72 -0.16 0.00	17.27 -0.10 0.00	18.29 -0.13 0.00	20.48 -0.55 -0.05	20.27 -0.73 -0.02	21.93 -0.77 0.00	20.83 -0.49 0.00	21.99 0.15 0.00	23.95 0.33 0.00	24.76 0.27 0.00	27.30 0.30 0.00	27.31 -0.42 0.00	28.08 -0.49 0.00	32.54 -0.97 0.00	35.16 -1.12 0.00	34.55 -1.14 0.00	31.81 -0.06 0.00	29.67 -0.42 0.00	27.00 -0.81 0.00	24.27 0.00 0.00	20.96 -0.25 -0.10
LOCKPORT____CC1 323769	22.45 0.07 0.00	20.36 -0.27 0.00	18.39 -0.17 0.00	17.65 -0.23 0.00	17.27 -0.10 0.00	18.27 -0.15 0.00	20.50 -0.52 -0.05	20.29 -0.71 -0.02	21.96 -0.75 0.00	20.87 -0.45 0.00	21.99 0.15 0.00	23.95 0.33 0.00	24.79 0.29 0.00	27.30 0.30 0.00	28.42 0.69 0.00	28.37 -0.20 0.00	32.77 -0.74 0.00	35.38 -0.91 0.00	34.69 -1.00 0.00	31.88 0.00 0.00	29.76 -0.33 0.00	28.17 0.36 0.00	24.39 0.12 0.00	20.96 -0.25 -0.10
LOCKPORT____CC2 323770	22.45 0.07 0.00	20.36 -0.27 0.00	18.39 -0.17 0.00	17.65 -0.23 0.00	17.27 -0.10 0.00	18.27 -0.15 0.00	20.50 -0.52 -0.05	20.29 -0.71 -0.02	21.96 -0.75 0.00	20.87 -0.45 0.00	21.99 0.15 0.00	23.95 0.33 0.00	24.79 0.29 0.00	27.30 0.30 0.00	28.42 0.69 0.00	28.37 -0.20 0.00	32.77 -0.74 0.00	35.38 -0.91 0.00	34.69 -1.00 0.00	31.88 0.00 0.00	29.76 -0.33 0.00	28.17 0.36 0.00	24.39 0.12 0.00	20.96 -0.25 -0.10
LOCKPORT____CC3 323771	22.45 0.07 0.00	20.36 -0.27 0.00	18.39 -0.17 0.00	17.65 -0.23 0.00	17.27 -0.10 0.00	18.27 -0.15 0.00	20.50 -0.52 -0.05	20.29 -0.71 -0.02	21.96 -0.75 0.00	20.87 -0.45 0.00	21.99 0.15 0.00	23.95 0.33 0.00	24.79 0.29 0.00	27.30 0.30 0.00	28.42 0.69 0.00	28.37 -0.20 0.00	32.77 -0.74 0.00	35.38 -0.91 0.00	34.69 -1.00 0.00	31.88 0.00 0.00	29.76 -0.33 0.00	28.17 0.36 0.00	24.39 0.12 0.00	20.96 -0.25 -0.10

LONG_LAKE_PHOENIX 24014	22.14 -0.25 0.00	20.32 -0.31 0.00	18.28 -0.28 0.00	17.62 -0.27 0.00	17.13 -0.24 0.00	18.16 -0.26 0.00	20.69 -0.31 -0.03	20.59 -0.40 -0.01	22.30 -0.41 0.00	20.96 -0.36 0.00	21.55 -0.28 0.00	23.41 -0.21 0.00	24.25 -0.24 0.00	27.48 -0.32 -0.80	28.39 -0.39 -1.06	28.79 -0.46 -0.68	33.28 -0.57 -0.33	38.53 -0.65 -2.89	37.05 -0.61 -1.97	33.63 -0.38 -2.13	32.33 -0.39 -2.63	29.69 -0.42 -2.30	24.43 -0.29 -0.45	20.85 -0.32 -0.06
LOVETT___3 23632	23.66 1.28 0.00	21.66 1.03 0.00	19.50 0.95 0.00	18.80 0.91 0.00	18.24 0.87 0.00	19.32 0.90 0.00	22.46 1.15 -0.33	22.51 1.36 -0.17	24.27 1.57 0.00	22.85 1.53 0.00	23.32 1.48 0.00	25.20 1.58 0.00	26.17 1.62 -0.06	28.96 1.78 -0.18	29.93 1.94 -0.26	30.96 2.09 -0.31	36.51 2.48 -0.51	39.32 2.69 -0.35	38.19 2.50 0.00	33.69 1.82 0.00	31.78 1.69 0.00	29.64 1.84 0.00	25.82 1.55 0.00	23.22 1.39 -0.72
LOVETT___4 23642	23.66 1.28 0.00	21.66 1.03 0.00	19.50 0.95 0.00	18.80 0.91 0.00	18.24 0.87 0.00	19.32 0.90 0.00	22.46 1.15 -0.33	22.51 1.36 -0.17	24.27 1.57 0.00	22.85 1.53 0.00	23.32 1.48 0.00	25.20 1.58 0.00	26.17 1.62 -0.06	28.96 1.78 -0.18	29.93 1.94 -0.26	30.96 2.09 -0.31	36.51 2.48 -0.51	39.32 2.69 -0.35	38.19 2.50 0.00	33.69 1.82 0.00	31.78 1.69 0.00	29.64 1.84 0.00	25.82 1.55 0.00	23.22 1.39 -0.72
LOVETT___5 23593	23.66 1.28 0.00	21.66 1.03 0.00	19.50 0.95 0.00	18.80 0.91 0.00	18.24 0.87 0.00	19.32 0.90 0.00	22.46 1.15 -0.33	22.51 1.36 -0.17	24.27 1.57 0.00	22.85 1.53 0.00	23.32 1.48 0.00	25.20 1.58 0.00	26.17 1.62 -0.06	28.96 1.78 -0.18	29.93 1.94 -0.26	30.96 2.09 -0.31	36.51 2.48 -0.51	39.32 2.69 -0.35	38.19 2.50 0.00	33.69 1.82 0.00	31.78 1.69 0.00	29.64 1.84 0.00	25.82 1.55 0.00	23.22 1.39 -0.72
LOWER_RAQUET___HYD 24057	21.74 -0.65 0.00	20.18 -0.45 0.00	18.11 -0.45 0.00	17.47 -0.41 0.00	16.94 -0.43 0.00	18.00 -0.42 0.00	20.50 -0.48 0.00	20.67 -0.31 0.00	22.25 -0.45 0.00	20.72 -0.60 0.00	20.90 -0.94 0.00	22.39 -1.23 0.00	23.32 -1.18 0.00	25.73 -1.35 -0.08	26.49 -1.33 -0.10	27.26 -1.37 -0.06	32.00 -1.54 -0.03	35.01 -1.56 -0.28	34.42 -1.46 -0.19	30.84 -1.24 -0.20	29.23 -1.11 -0.25	26.80 -1.22 -0.22	23.51 -0.80 -0.04	20.60 -0.51 0.00
LOWER___HUDSON 24059	23.44 1.05 0.00	21.54 0.91 0.00	19.41 0.85 0.00	18.69 0.81 0.00	18.16 0.78 0.00	19.27 0.85 0.00	22.44 1.01 -0.45	22.27 1.07 -0.23	23.86 1.16 0.00	22.32 1.00 0.00	22.79 0.96 0.00	24.61 0.99 0.00	25.42 1.03 0.10	27.87 1.16 0.30	28.31 1.03 0.44	29.28 1.23 0.51	34.16 1.51 0.86	37.38 1.67 0.58	37.30 1.61 0.00	33.24 1.37 0.00	31.45 1.36 0.00	29.03 1.22 0.00	25.51 1.24 0.00	23.18 1.10 -0.98
LOWVILLE_115KV_TB2 356335	22.68 0.29 0.00	20.90 0.27 0.00	18.74 0.19 0.00	18.10 0.21 0.00	17.62 0.24 0.00	18.68 0.26 0.00	21.26 0.27 -0.01	21.34 0.36 -0.01	23.00 0.30 0.00	21.49 0.17 0.00	21.90 0.07 0.00	23.79 0.17 0.00	24.66 0.17 0.00	27.28 0.11 -0.17	28.06 0.11 -0.23	28.71 0.00 -0.15	33.68 0.10 -0.07	37.16 0.25 -0.62	36.51 0.39 -0.42	32.87 0.54 -0.46	31.32 0.66 -0.56	28.72 0.42 -0.49	24.71 0.34 -0.10	21.41 0.27 -0.03
LUTHERFT_115KV_GLOB_FND_222 355753	23.77 1.39 0.00	21.83 1.20 0.00	19.65 1.09 0.00	18.90 1.02 0.00	18.37 0.99 0.00	19.49 1.07 0.00	22.76 1.32 -0.46	22.62 1.41 -0.23	24.25 1.54 0.00	22.66 1.34 0.00	23.14 1.31 0.00	25.04 1.42 0.00	25.85 1.44 0.08	28.39 1.62 0.24	29.11 1.75 0.35	29.95 1.80 0.41	35.03 2.21 0.69	38.25 2.43 0.47	38.12 2.43 0.00	34.04 2.17 0.00	32.26 2.17 0.00	29.83 2.03 0.00	25.99 1.72 0.00	23.56 1.46 -1.00
LUTHERNY_35_KV_BK2 355980	23.77 1.39 0.00	21.85 1.22 0.00	19.67 1.11 0.00	18.90 1.02 0.00	18.38 1.01 0.00	19.51 1.09 0.00	22.76 1.32 -0.46	22.64 1.43 -0.23	24.27 1.57 0.00	22.68 1.36 0.00	23.17 1.33 0.00	25.04 1.42 0.00	25.88 1.47 0.08	28.41 1.65 0.24	29.11 1.75 0.35	29.98 1.83 0.41	35.07 2.25 0.69	38.29 2.47 0.47	38.15 2.46 0.00	34.07 2.20 0.00	32.29 2.20 0.00	29.86 2.06 0.00	26.02 1.75 0.00	23.58 1.48 -1.00
LWR___OSWEGATCHIE_HYD 23850	22.19 -0.20 0.00	20.53 -0.10 0.00	18.39 -0.17 0.00	17.74 -0.14 0.00	17.25 -0.12 0.00	18.29 -0.13 0.00	20.86 -0.13 -0.01	20.96 -0.02 0.00	22.59 -0.11 0.00	21.06 -0.26 0.00	21.35 -0.48 0.00	23.05 -0.57 0.00	23.93 -0.56 0.00	26.48 -0.68 -0.15	27.28 -0.64 -0.20	27.95 -0.74 -0.13	32.77 -0.80 -0.06	36.10 -0.73 -0.54	35.45 -0.61 -0.37	31.89 -0.38 -0.40	30.34 -0.24 -0.49	27.84 -0.39 -0.43	24.11 -0.24 -0.08	20.98 -0.15 -0.02
LYONS_FALL_HYD 23570	22.72 0.34 0.00	20.92 0.29 0.00	18.83 0.28 0.00	18.15 0.27 0.00	17.65 0.28 0.00	18.74 0.31 0.00	21.29 0.29 -0.01	21.36 0.38 -0.01	23.05 0.34 0.00	21.58 0.26 0.00	22.03 0.20 0.00	23.95 0.33 0.00	24.83 0.34 0.00	27.40 0.27 -0.12	28.19 0.31 -0.17	28.90 0.23 -0.11	33.90 0.34 -0.05	37.21 0.47 -0.45	36.54 0.54 -0.31	32.91 0.70 -0.33	31.20 0.69 -0.41	28.69 0.53 -0.36	24.75 0.41 -0.07	21.43 0.30 -0.02
MADISON___COUNTY_LFGE 323628	22.90 0.51 0.00	21.04 0.41 0.00	18.89 0.33 0.00	18.26 0.38 0.00	17.78 0.40 0.00	18.85 0.42 0.00	21.40 0.40 -0.02	21.45 0.46 -0.01	23.18 0.48 0.00	21.77 0.45 0.00	22.27 0.44 0.00	24.28 0.66 0.00	25.15 0.66 0.00	27.76 0.62 -0.13	28.53 0.64 -0.17	29.25 0.57 -0.11	34.34 0.77 -0.06	37.64 0.87 -0.48	36.94 0.93 -0.32	33.18 0.96 -0.35	31.49 0.96 -0.43	28.91 0.72 -0.38	24.95 0.61 -0.07	21.59 0.44 -0.04
MALONE___115KV_TB1 356076	22.45 0.07 0.00	20.79 0.17 0.00	18.65 0.09 0.00	17.97 0.09 0.00	17.43 0.05 0.00	18.53 0.11 0.00	21.15 0.17 0.00	21.27 0.29 0.00	22.96 0.25 0.00	21.47 0.15 0.00	21.83 0.00 0.00	23.41 -0.21 0.00	24.39 -0.10 0.00	26.92 -0.08 0.00	27.75 0.03 0.00	28.56 0.00 0.00	33.58 0.07 0.00	36.51 0.22 0.00	35.94 0.25 0.00	32.16 0.29 0.00	30.39 0.30 0.00	27.86 0.06 0.00	24.17 -0.10 0.00	21.09 -0.02 0.00
MAPLEWOD_115KV_TB3 80458	23.33 0.94 0.00	21.41 0.78 0.00	19.30 0.74 0.00	18.58 0.70 0.00	18.05 0.68 0.00	19.16 0.74 0.00	22.31 0.88 -0.45	22.19 0.99 -0.22	23.80 1.09 0.00	22.26 0.94 0.00	22.71 0.87 0.00	24.57 0.94 0.00	25.42 1.00 0.08	27.91 1.13 0.23	28.61 1.22 0.33	29.49 1.31 0.39	34.47 1.61 0.65	37.63 1.78 0.44	37.44 1.75 0.00	33.34 1.47 0.00	31.54 1.44 0.00	29.22 1.42 0.00	25.46 1.19 0.00	23.12 1.03 -0.98
MAPLE_RIDGE_WT_1 323574	22.41 0.02 0.00	20.63 0.00 0.00	18.56 0.00 0.00	17.87 -0.02 0.00	17.36 -0.02 0.00	18.39 -0.04 0.00	20.94 -0.04 0.00	20.96 -0.02 0.00	22.71 0.00 0.00	21.34 0.02 0.00	21.88 0.04 0.00	23.69 0.07 0.00	24.56 0.07 0.00	27.06 0.05 0.00	27.75 0.03 0.00	28.59 0.03 0.00	33.55 0.03 0.00	36.32 0.04 0.00	35.76 0.07 0.00	31.94 0.06 0.00	30.12 0.03 0.00	27.75 -0.06 0.00	24.08 -0.20 0.00	20.75 -0.36 0.00

MAPLE RIDGE_WT_2 323611	22.41 0.02 0.00	20.63 0.00 0.00	18.56 0.00 0.00	17.87 -0.02 0.00	17.36 -0.02 0.00	18.39 -0.04 0.00	20.94 -0.04 0.00	20.96 -0.02 0.00	22.71 0.00 0.00	21.34 0.02 0.00	21.88 0.04 0.00	23.69 0.07 0.00	24.56 0.07 0.00	27.06 0.05 0.00	27.75 0.03 0.00	28.59 0.03 0.00	33.55 0.03 0.00	36.32 0.04 0.00	35.76 0.07 0.00	31.94 0.06 0.00	30.12 0.03 0.00	27.75 -0.06 0.00	24.08 -0.20 0.00	20.75 -0.36 0.00
MARBLE RIVER_WT_PWR 323696	22.56 0.18 0.00	20.90 0.27 0.00	18.70 0.15 0.00	18.05 0.16 0.00	17.51 0.14 0.00	18.59 0.17 0.00	21.23 0.25 0.00	21.31 0.33 0.00	23.02 0.32 0.00	21.55 0.23 0.00	22.01 0.17 0.00	23.60 -0.02 0.00	24.56 0.07 0.00	27.17 0.16 0.00	27.97 0.25 0.00	28.79 0.23 0.00	33.85 0.34 0.00	36.76 0.47 0.00	36.23 0.54 0.00	32.42 0.54 0.00	30.57 0.48 0.00	28.05 0.25 0.00	24.27 0.00 0.00	21.15 0.04 0.00
MARSHVLE_115KV_TB1 80742	24.04 1.66 0.00	22.07 1.44 0.00	19.87 1.32 0.00	19.07 1.18 0.00	18.56 1.18 0.00	19.71 1.29 0.00	23.17 1.64 -0.56	23.02 1.76 -0.28	24.57 1.86 0.00	22.94 1.62 0.00	23.43 1.59 0.00	25.37 1.75 0.00	26.25 1.81 0.05	28.89 2.03 0.14	29.64 2.13 0.21	30.54 2.23 0.25	35.64 2.55 0.41	38.95 2.94 0.28	38.73 3.03 0.00	34.74 2.87 0.00	32.89 2.80 0.00	30.42 2.61 0.00	26.41 2.14 0.00	24.02 1.71 -1.20
MARSH HILL_WT_PWR 323713	23.15 0.76 0.00	21.04 0.41 0.00	18.96 0.41 0.00	18.28 0.39 0.00	17.81 0.43 0.00	18.94 0.52 0.00	21.21 0.17 -0.07	21.27 0.25 -0.03	22.98 0.27 0.00	21.75 0.43 0.00	22.71 0.87 0.00	24.78 1.16 0.00	25.71 1.22 0.00	28.39 1.30 -0.09	29.45 1.61 -0.12	29.72 1.09 -0.07	34.49 0.94 -0.04	37.59 0.98 -0.32	36.91 1.00 -0.22	33.64 1.53 -0.24	31.59 1.20 -0.29	29.50 1.44 -0.25	25.32 1.00 -0.05	21.65 0.40 -0.14
MCINTYRE_115KV_TB2 80467	22.10 -0.29 0.00	20.53 -0.10 0.00	18.39 -0.17 0.00	17.74 -0.14 0.00	17.22 -0.16 0.00	18.27 -0.15 0.00	20.83 -0.15 0.00	20.92 -0.06 0.00	22.50 -0.20 0.00	21.02 -0.30 0.00	21.29 -0.55 0.00	22.89 -0.73 0.00	23.83 -0.66 0.00	26.22 -0.78 0.00	27.06 -0.67 0.00	27.79 -0.77 0.00	32.67 -0.84 0.00	35.53 -0.76 0.00	35.01 -0.68 0.00	31.36 -0.51 0.00	29.73 -0.36 0.00	27.30 -0.50 0.00	23.86 -0.41 0.00	20.83 -0.27 0.00
MECO____69_KV_BK1 80468	24.33 1.95 0.00	22.34 1.71 0.00	20.08 1.52 0.00	19.51 1.63 0.00	18.99 1.62 0.00	20.19 1.77 0.00	23.44 1.93 -0.53	23.34 2.10 -0.26	24.91 2.20 0.00	23.15 1.83 0.00	23.58 1.75 0.00	25.89 2.27 0.00	26.81 2.38 0.05	29.11 2.27 0.16	29.93 2.44 0.23	30.78 2.49 0.27	36.04 2.98 0.46	39.54 3.56 0.31	39.44 3.75 0.00	35.38 3.51 0.00	33.52 3.43 0.00	30.89 3.09 0.00	26.79 2.52 0.00	24.25 2.01 -1.14
MENANDS__115KV_TB5 355628	23.13 0.74 0.00	21.27 0.64 0.00	19.17 0.61 0.00	18.46 0.57 0.00	17.91 0.54 0.00	19.01 0.59 0.00	22.14 0.71 -0.45	22.00 0.80 -0.22	23.61 0.91 0.00	22.09 0.77 0.00	22.53 0.70 0.00	24.33 0.71 0.00	25.17 0.76 0.08	27.64 0.86 0.23	28.35 0.97 0.34	29.19 1.03 0.40	34.12 1.27 0.67	37.21 1.38 0.45	37.01 1.32 0.00	32.96 1.08 0.00	31.18 1.08 0.00	28.92 1.11 0.00	25.22 0.95 0.00	22.90 0.82 -0.97
MG INDUSTRY__DRP 24185	23.19 0.81 0.00	21.31 0.68 0.00	19.20 0.65 0.00	18.49 0.61 0.00	17.97 0.59 0.00	19.05 0.63 0.00	22.17 0.76 -0.43	22.04 0.84 -0.22	23.64 0.93 0.00	22.11 0.79 0.00	22.55 0.72 0.00	24.40 0.78 0.00	25.25 0.81 0.05	27.75 0.89 0.14	28.51 1.00 0.21	29.35 1.03 0.24	34.38 1.27 0.41	37.39 1.38 0.28	37.08 1.39 0.00	33.02 1.15 0.00	31.24 1.14 0.00	28.97 1.17 0.00	25.27 1.00 0.00	22.89 0.84 -0.94
MID__OSWEGATCHIE_HYD 23849	22.19 -0.20 0.00	20.53 -0.10 0.00	18.39 -0.17 0.00	17.74 -0.14 0.00	17.25 -0.12 0.00	18.29 -0.13 0.00	20.86 -0.13 -0.01	20.96 -0.02 0.00	22.59 -0.11 0.00	21.06 -0.26 0.00	21.35 -0.48 0.00	23.05 -0.57 0.00	23.93 -0.56 0.00	26.48 -0.68 -0.15	27.28 -0.64 -0.20	27.95 -0.74 -0.13	32.77 -0.80 -0.06	36.10 -0.73 -0.54	35.45 -0.61 -0.37	31.89 -0.38 -0.40	30.34 -0.24 -0.49	27.84 -0.39 -0.43	24.11 -0.24 -0.08	20.98 -0.15 -0.02
MID__RAQUETTE_HYD 23851	21.74 -0.65 0.00	20.18 -0.45 0.00	18.09 -0.46 0.00	17.47 -0.41 0.00	16.94 -0.43 0.00	18.00 -0.42 0.00	20.50 -0.48 0.00	20.67 -0.31 0.00	22.25 -0.45 0.00	20.72 -0.60 0.00	20.89 -0.94 0.00	22.39 -1.23 0.00	23.32 -1.18 0.00	25.73 -1.35 -0.08	26.55 -1.28 -0.10	27.26 -1.37 -0.06	32.00 -1.54 -0.03	35.00 -1.56 -0.28	34.42 -1.46 -0.19	30.84 -1.24 -0.20	29.23 -1.11 -0.25	26.86 -1.17 -0.22	23.51 -0.80 -0.04	20.60 -0.51 0.00
MILLIKEN__1 23584	22.88 0.49 0.00	20.98 0.35 0.00	18.85 0.30 0.00	18.19 0.30 0.00	17.69 0.31 0.00	18.77 0.35 0.00	21.36 0.31 -0.06	21.33 0.31 -0.03	23.05 0.34 0.00	21.64 0.32 0.00	22.27 0.44 0.00	24.21 0.59 0.00	25.13 0.64 0.00	27.94 0.65 -0.29	28.66 0.55 -0.38	29.38 0.57 -0.25	34.27 0.64 -0.12	38.06 0.73 -1.04	37.22 0.82 -0.71	33.63 0.99 -0.77	31.94 0.90 -0.95	29.30 0.67 -0.83	25.04 0.61 -0.16	21.67 0.42 -0.14
MILLIKEN__2 23585	22.88 0.49 0.00	20.98 0.35 0.00	18.85 0.30 0.00	18.19 0.30 0.00	17.69 0.31 0.00	18.77 0.35 0.00	21.36 0.31 -0.06	21.33 0.31 -0.03	23.05 0.34 0.00	21.64 0.32 0.00	22.27 0.44 0.00	24.21 0.59 0.00	25.13 0.64 0.00	27.94 0.65 -0.29	28.66 0.55 -0.38	29.38 0.57 -0.25	34.27 0.64 -0.12	38.06 0.73 -1.04	37.22 0.82 -0.71	33.63 0.99 -0.77	31.94 0.90 -0.95	29.30 0.67 -0.83	25.04 0.61 -0.16	21.67 0.42 -0.14
MILLIKEN__DIESEL 23629	22.88 0.49 0.00	20.98 0.35 0.00	18.85 0.30 0.00	18.19 0.30 0.00	17.69 0.31 0.00	18.77 0.35 0.00	21.36 0.31 -0.06	21.33 0.31 -0.03	23.05 0.34 0.00	21.64 0.32 0.00	22.27 0.44 0.00	24.21 0.59 0.00	25.13 0.64 0.00	27.94 0.65 -0.29	28.66 0.55 -0.38	29.38 0.57 -0.25	34.27 0.64 -0.12	38.06 0.73 -1.04	37.22 0.82 -0.71	33.63 0.99 -0.77	31.94 0.90 -0.95	29.30 0.67 -0.83	25.04 0.61 -0.16	21.67 0.42 -0.14
MILLSEAT__LFGE 323607	22.79 0.40 0.00	20.67 0.04 0.00	18.65 0.09 0.00	17.90 0.02 0.00	17.50 0.12 0.00	18.51 0.09 0.00	20.86 -0.17 -0.05	20.65 -0.36 -0.02	22.34 -0.36 0.00	21.21 -0.11 0.00	22.34 0.50 0.00	24.33 0.71 0.00	25.15 0.66 0.00	27.70 0.70 0.00	28.86 1.14 0.00	28.82 0.26 0.00	33.41 -0.10 0.00	36.07 -0.22 0.00	35.44 -0.25 0.00	32.61 0.73 0.00	30.51 0.42 0.00	28.67 0.86 0.00	24.83 0.56 0.00	21.33 0.13 -0.10
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	23.73 1.34 0.00	21.74 1.11 0.00	19.58 1.02 0.00	18.87 0.98 0.00	18.28 0.90 0.00	19.38 0.96 0.00	22.56 1.24 -0.34	22.62 1.47 -0.17	24.36 1.66 0.00	22.94 1.62 0.00	23.38 1.55 0.00	25.27 1.65 0.00	26.27 1.71 -0.07	29.06 1.86 -0.19	30.03 2.02 -0.29	31.07 2.17 -0.33	36.65 2.58 -0.56	39.46 2.79 -0.38	38.26 2.57 0.00	33.76 1.88 0.00	31.87 1.78 0.00	29.72 1.92 0.00	25.92 1.65 0.00	23.33 1.48 -0.74

MILLWOOD_13_KV_LOAD 356217	23.77 1.39 0.00	21.79 1.16 0.00	19.61 1.06 0.00	18.90 1.02 0.00	18.31 0.94 0.00	19.42 0.99 0.00	22.58 1.26 -0.34	22.66 1.51 -0.17	24.43 1.73 0.00	22.98 1.66 0.00	23.45 1.62 0.00	25.35 1.72 0.00	26.35 1.79 -0.07	29.14 1.94 -0.19	30.11 2.11 -0.29	31.15 2.26 -0.33	36.75 2.68 -0.56	39.60 2.94 -0.38	38.40 2.71 0.00	33.88 2.01 0.00	31.96 1.87 0.00	29.83 2.03 0.00	25.99 1.72 0.00	23.39 1.54 -0.74
MODEL_CITY_ENERGY 24167	22.25 -0.13 0.00	20.18 -0.45 0.00	18.22 -0.33 0.00	17.46 -0.43 0.00	17.12 -0.26 0.00	18.05 -0.37 0.00	20.27 -0.75 -0.05	20.04 -0.96 -0.02	21.69 -1.02 0.00	20.62 -0.70 0.00	21.72 -0.11 0.00	23.64 0.02 0.00	24.47 -0.02 0.00	26.98 -0.03 0.00	28.08 0.36 0.00	27.99 -0.57 0.00	32.37 -1.14 0.00	34.91 -1.38 0.00	34.23 -1.46 0.00	31.46 -0.42 0.00	29.37 -0.72 0.00	27.83 0.03 0.00	24.10 -0.17 0.00	20.75 -0.46 -0.11
MODERN_LFGE_ 323580	22.25 -0.13 0.00	20.18 -0.45 0.00	18.22 -0.33 0.00	17.46 -0.43 0.00	17.12 -0.26 0.00	18.05 -0.37 0.00	20.27 -0.75 -0.05	20.04 -0.96 -0.02	21.69 -1.02 0.00	20.62 -0.70 0.00	21.72 -0.11 0.00	23.64 0.02 0.00	24.47 -0.02 0.00	26.98 -0.03 0.00	28.08 0.36 0.00	27.99 -0.57 0.00	32.37 -1.14 0.00	34.91 -1.38 0.00	34.23 -1.46 0.00	31.46 -0.42 0.00	29.37 -0.72 0.00	27.83 0.03 0.00	24.10 -0.17 0.00	20.75 -0.46 -0.11
MOHAWK_PAPER___DRP 24187	23.33 0.94 0.00	21.41 0.78 0.00	19.30 0.74 0.00	18.58 0.70 0.00	18.05 0.68 0.00	19.16 0.74 0.00	22.31 0.88 -0.45	22.19 0.99 -0.22	23.80 1.09 0.00	22.26 0.94 0.00	22.71 0.87 0.00	24.57 0.94 0.00	25.42 1.00 0.08	27.91 1.13 0.23	28.61 1.22 0.33	29.49 1.31 0.39	34.47 1.61 0.65	37.63 1.78 0.44	37.44 1.75 0.00	33.34 1.47 0.00	31.54 1.44 0.00	29.22 1.42 0.00	25.46 1.19 0.00	23.12 1.03 -0.98
MOHICAN__35_KV_115KV_LD 80490	24.00 1.61 0.00	22.01 1.38 0.00	19.82 1.26 0.00	19.05 1.16 0.00	18.52 1.15 0.00	19.68 1.25 0.00	22.99 1.55 -0.46	22.89 1.68 -0.23	24.55 1.84 0.00	22.92 1.60 0.00	23.41 1.57 0.00	25.32 1.70 0.00	26.15 1.74 0.08	28.69 1.92 0.24	29.43 2.05 0.35	30.27 2.11 0.40	35.41 2.58 0.68	38.73 2.90 0.46	38.62 2.93 0.00	34.58 2.71 0.00	32.83 2.74 0.00	30.31 2.50 0.00	26.36 2.09 0.00	23.82 1.71 -1.00
MONGAUP___HYD 23641	23.57 1.19 0.00	21.60 0.97 0.00	19.43 0.87 0.00	18.73 0.84 0.00	18.18 0.80 0.00	19.29 0.87 0.00	22.34 1.05 -0.31	22.29 1.15 -0.15	23.98 1.27 0.00	22.51 1.19 0.00	22.99 1.16 0.00	24.85 1.23 0.00	25.79 1.25 -0.05	28.51 1.35 -0.15	29.25 1.30 -0.23	30.40 1.57 -0.26	35.93 1.98 -0.44	38.84 2.25 -0.30	37.87 2.18 0.00	33.60 1.72 0.00	31.72 1.62 0.00	29.36 1.56 0.00	25.68 1.41 0.00	23.04 1.27 -0.67
MONTAUK___DIESEL 23721	33.46 3.67 -7.41	24.32 3.38 -0.31	23.19 3.17 -1.46	20.69 2.81 0.00	20.05 2.68 0.00	21.22 2.80 0.00	24.91 3.57 -0.36	27.20 3.88 -2.34	28.09 4.20 -1.19	24.35 3.03 0.00	26.99 3.34 -1.82	28.38 3.61 -1.14	28.08 3.50 -0.08	31.51 4.02 -0.49	33.00 4.32 -0.95	34.94 4.97 -1.41	39.95 5.86 -0.57	48.84 6.39 -6.16	48.63 6.10 -6.83	43.59 5.07 -6.65	45.60 4.81 -10.69	40.83 4.78 -8.24	37.27 4.27 -8.72	32.34 3.57 -7.67
MOONROAD_115KV_HARTFLD_TB1-2 355988	23.42 1.03 0.00	21.23 0.60 0.00	19.06 0.50 0.00	18.40 0.52 0.00	17.93 0.56 0.00	19.05 0.63 0.00	21.23 0.19 -0.06	21.41 0.40 -0.03	23.16 0.45 0.00	22.07 0.75 0.00	23.25 1.42 0.00	25.27 1.65 0.00	26.23 1.74 0.00	28.84 1.84 0.00	29.00 1.28 0.00	29.82 1.26 0.00	34.62 1.11 0.00	37.38 1.09 0.00	36.66 0.96 0.00	33.63 1.75 0.00	31.27 1.17 0.00	28.58 0.78 0.00	25.46 1.19 0.00	21.69 0.46 -0.12
MORTIMER_115KV_TB3 55949	22.59 0.20 0.00	20.59 -0.04 0.00	18.52 -0.04 0.00	17.83 -0.05 0.00	17.36 -0.02 0.00	18.40 -0.02 0.00	21.00 -0.02 -0.04	20.75 -0.25 -0.02	22.48 -0.23 0.00	21.28 -0.04 0.00	22.23 0.39 0.00	24.14 0.52 0.00	24.96 0.47 0.00	27.57 0.57 0.00	27.86 0.14 0.00	28.62 0.06 0.00	33.38 -0.13 0.00	36.11 -0.18 0.00	35.55 -0.14 0.00	32.39 0.51 0.00	30.39 0.30 0.00	27.69 -0.11 0.00	24.59 0.32 0.00	21.38 0.19 -0.09
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	23.89 1.50 0.00	21.87 1.24 0.00	19.69 1.13 0.00	18.98 1.09 0.00	18.37 0.99 0.00	19.45 1.03 0.00	22.67 1.34 -0.35	22.79 1.64 -0.17	24.57 1.86 0.00	23.13 1.81 0.00	23.58 1.75 0.00	25.51 1.89 0.00	26.49 1.93 -0.07	29.33 2.13 -0.19	30.28 2.27 -0.29	31.36 2.46 -0.33	36.92 2.85 -0.56	39.79 3.12 -0.38	38.55 2.86 0.00	33.88 2.01 0.00	31.99 1.90 0.00	29.95 2.14 0.00	26.14 1.87 0.00	23.50 1.65 -0.75
MUNSVILLE_WIND_PWR 323609	24.02 1.63 0.00	22.05 1.42 0.00	19.83 1.28 0.00	19.08 1.20 0.00	18.61 1.23 0.00	19.77 1.34 0.00	22.46 1.38 -0.10	22.52 1.49 -0.05	24.18 1.48 0.00	22.62 1.30 0.00	23.14 1.31 0.00	25.25 1.63 0.00	26.13 1.64 0.00	28.97 1.78 -0.18	29.90 1.94 -0.24	30.52 1.80 -0.15	35.83 2.25 -0.08	39.56 2.61 -0.66	38.96 2.82 -0.45	35.39 3.03 -0.48	33.64 2.95 -0.60	30.86 2.53 -0.52	26.22 1.84 -0.10	22.68 1.37 -0.21
N SALMON___HYD 24042	22.45 0.07 0.00	20.79 0.16 0.00	18.63 0.07 0.00	17.97 0.09 0.00	17.43 0.05 0.00	18.53 0.11 0.00	21.15 0.17 0.00	21.27 0.29 0.00	22.96 0.25 0.00	21.47 0.15 0.00	21.83 0.00 0.00	23.41 -0.21 0.00	24.39 -0.10 0.00	26.92 -0.08 0.00	27.75 0.03 0.00	28.56 0.00 0.00	33.58 0.07 0.00	36.51 0.22 0.00	35.94 0.25 0.00	32.19 0.32 0.00	30.39 0.30 0.00	27.86 0.06 0.00	24.17 -0.10 0.00	21.09 -0.02 0.00
N.AKRON__115KV_KNAPP 355671	22.79 0.40 0.00	20.67 0.04 0.00	18.59 0.04 0.00	17.97 0.09 0.00	17.52 0.14 0.00	18.57 0.15 0.00	20.84 -0.19 -0.05	20.65 -0.36 -0.02	22.34 -0.36 0.00	21.19 -0.13 0.00	22.34 0.50 0.00	24.35 0.73 0.00	25.18 0.69 0.00	27.71 0.70 0.00	27.81 0.08 0.00	28.54 -0.03 0.00	33.18 -0.34 0.00	35.89 -0.40 0.00	35.30 -0.39 0.00	32.51 0.64 0.00	30.36 0.27 0.00	27.55 -0.25 0.00	24.71 0.44 0.00	21.33 0.13 -0.10
N.BELMOR_69_KV_BK1 55787	31.83 2.04 -7.41	22.69 1.75 -0.31	21.60 1.60 -1.45	19.41 1.52 0.00	18.82 1.44 0.00	19.93 1.51 0.00	23.21 1.87 -0.36	25.45 2.14 -2.33	26.25 2.36 -1.19	23.43 2.11 0.00	25.86 2.21 -1.82	27.08 2.31 -1.14	26.97 2.40 -0.08	30.14 2.65 -0.49	31.44 2.77 -0.95	33.00 3.03 -1.41	37.66 3.59 -0.56	46.30 3.85 -6.16	46.13 3.60 -6.83	41.31 2.80 -6.63	43.42 2.65 -10.68	38.72 2.72 -8.19	33.72 2.43 -7.02	30.89 2.11 -7.67
N.E._GEN_SANDY PD 24062	23.51 1.12 0.00	21.62 0.99 0.00	19.46 0.91 0.00	18.76 0.88 0.00	18.21 0.83 0.00	19.31 0.88 0.00	22.45 1.07 -0.40	22.33 1.15 -0.20	23.95 1.25 0.00	22.43 1.11 0.00	22.88 1.05 0.00	24.68 1.06 0.00	24.99 1.05 0.55	26.60 1.19 1.59	26.45 1.08 2.36	27.20 1.37 2.74	30.60 1.67 4.59	35.00 1.81 3.10	37.41 1.71 0.00	33.18 1.31 0.00	31.39 1.29 0.00	29.00 1.19 0.00	25.46 1.19 0.00	23.13 1.16 -0.87

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	23.69 1.30 0.00	21.68 1.05 0.00	19.52 0.96 0.00	18.82 0.93 0.00	18.26 0.89 0.00	19.34 0.92 0.00	22.48 1.17 -0.33	22.53 1.38 -0.16	24.30 1.59 0.00	22.88 1.56 0.00	23.34 1.51 0.00	25.25 1.63 0.00	26.22 1.67 -0.06	28.99 1.81 -0.18	29.95 1.97 -0.26	31.01 2.14 -0.30	36.57 2.55 -0.51	39.39 2.76 -0.35	38.23 2.53 0.00	33.72 1.85 0.00	31.81 1.72 0.00	29.67 1.86 0.00	25.85 1.58 0.00	23.26 1.44 -0.72
N. QUEENS_27_KV_LOAD 356247	24.05 1.66 -0.01	22.00 1.36 -0.01	19.81 1.24 -0.01	19.13 1.23 -0.01	18.49 1.11 0.00	19.47 1.05 0.00	22.58 1.26 -0.35	22.85 1.70 -0.17	24.55 1.84 0.00	23.17 1.85 0.00	23.58 1.75 0.00	25.56 1.94 0.00	26.49 1.93 -0.07	29.47 2.27 -0.19	30.51 2.49 -0.29	31.51 2.60 -0.34	36.92 2.85 -0.56	39.93 3.27 -0.38	38.65 2.96 0.00	33.66 1.78 0.00	31.90 1.81 0.00	30.20 2.39 0.00	26.39 2.11 -0.01	23.70 1.84 -0.76
N. TROY___115KV_TB1 355778	23.44 1.05 0.00	21.54 0.91 0.00	19.41 0.85 0.00	18.69 0.80 0.00	18.16 0.78 0.00	19.27 0.85 0.00	22.44 1.01 -0.45	22.28 1.07 -0.23	23.89 1.18 0.00	22.32 1.00 0.00	22.79 0.96 0.00	24.61 0.99 0.00	25.42 1.03 0.10	27.87 1.16 0.30	28.53 1.25 0.44	29.39 1.34 0.51	34.29 1.64 0.86	37.48 1.78 0.58	37.44 1.75 0.00	33.34 1.47 0.00	31.57 1.47 0.00	29.28 1.47 0.00	25.53 1.26 0.00	23.18 1.10 -0.98
NARROWS_GT1_1 24228	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
NARROWS_GT1_2 24229	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
NARROWS_GT1_3 24230	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
NARROWS_GT1_4 24231	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
NARROWS_GT1_5 24232	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
NARROWS_GT1_6 24233	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
NARROWS_GT1_7 24234	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
NARROWS_GT1_8 24235	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
NARROWS_GT2_1 24236	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
NARROWS_GT2_2 24237	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
NARROWS_GT2_3 24238	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
NARROWS_GT2_4 24239	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75

NARROWS_GT2_5 24240	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
NARROWS_GT2_6 24241	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
NARROWS_GT2_7 24242	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
NARROWS_GT2_8 24243	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.15 2.13 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	23.44 1.05 0.00	21.52 0.89 0.00	19.35 0.80 0.00	18.60 0.72 0.00	18.09 0.71 0.00	19.21 0.79 0.00	22.30 0.90 -0.42	22.15 0.97 -0.21	23.82 1.11 0.00	22.17 0.85 0.00	22.62 0.79 0.00	24.38 0.76 0.00	25.43 0.98 0.04	28.09 1.19 0.10	28.87 1.30 0.15	29.70 1.31 0.17	34.90 1.68 0.29	38.05 1.96 0.20	37.55 1.86 0.00	33.53 1.66 0.00	31.78 1.69 0.00	29.45 1.64 0.00	25.58 1.31 0.00	22.96 0.95 -0.90
NCHELSEA_115KV_TR2 355582	23.84 1.46 0.00	21.83 1.20 0.00	19.63 1.08 0.00	18.90 1.02 0.00	18.35 0.97 0.00	19.45 1.03 0.00	22.63 1.30 -0.35	22.58 1.43 -0.17	24.36 1.66 0.00	22.88 1.56 0.00	23.34 1.51 0.00	25.20 1.58 0.00	26.18 1.64 -0.05	28.96 1.81 -0.15	29.91 1.97 -0.22	30.93 2.11 -0.25	36.51 2.58 -0.42	39.40 2.83 -0.28	38.33 2.64 0.00	33.88 2.01 0.00	31.99 1.90 0.00	29.81 2.00 0.00	25.95 1.67 0.00	23.36 1.50 -0.75
NEG CAPITAL___MECHNVIL 23645	23.73 1.34 0.00	21.78 1.15 0.00	19.61 1.06 0.00	18.89 1.00 0.00	18.35 0.97 0.00	19.47 1.05 0.00	22.72 1.28 -0.46	22.57 1.36 -0.23	24.20 1.50 0.00	22.62 1.30 0.00	23.12 1.29 0.00	25.01 1.39 0.00	25.82 1.42 0.09	28.34 1.59 0.26	28.75 1.41 0.39	29.69 1.57 0.45	34.70 1.94 0.75	37.96 2.18 0.51	37.83 2.14 0.00	33.79 1.91 0.00	31.99 1.90 0.00	29.50 1.70 0.00	25.94 1.67 0.00	23.53 1.44 -0.99
NEG CENTRAL_HIGH_ACRES 23767	22.16 -0.22 0.00	20.22 -0.41 0.00	18.20 -0.35 0.00	17.54 -0.34 0.00	17.06 -0.31 0.00	18.13 -0.30 0.00	20.64 -0.38 -0.04	20.48 -0.52 -0.02	22.19 -0.52 0.00	20.98 -0.34 0.00	21.81 -0.02 0.00	23.72 0.09 0.00	24.54 0.05 0.00	27.16 0.05 -0.10	28.17 0.31 -0.14	28.48 -0.17 -0.09	33.12 -0.44 -0.04	36.16 -0.51 -0.38	35.45 -0.50 -0.26	32.22 0.06 -0.28	30.37 -0.06 -0.34	28.22 0.11 -0.30	24.26 -0.07 -0.06	20.98 -0.21 -0.08
NEG CENTRAL___DRP 24199	22.63 0.25 0.00	20.69 0.06 0.00	18.59 0.04 0.00	17.94 0.05 0.00	17.46 0.09 0.00	18.53 0.11 0.00	21.06 0.04 -0.04	21.00 0.00 -0.02	22.73 0.02 0.00	21.43 0.11 0.00	22.16 0.33 0.00	24.12 0.50 0.00	25.01 0.51 0.00	27.79 0.51 -0.28	28.45 0.36 -0.37	29.14 0.34 -0.24	33.86 0.23 -0.12	37.51 0.22 -1.00	36.66 0.29 -0.68	33.22 0.61 -0.74	31.52 0.51 -0.91	28.88 0.28 -0.80	24.77 0.34 -0.16	21.37 0.17 -0.09
NEG CENTRAL___INDECK 23768	23.39 1.01 0.00	21.27 0.64 0.00	19.13 0.58 0.00	18.42 0.54 0.00	17.95 0.57 0.00	19.08 0.66 0.00	21.52 0.48 -0.06	21.24 0.23 -0.03	22.82 0.11 0.00	21.51 0.19 0.00	22.42 0.59 0.00	24.59 0.97 0.00	25.42 0.93 0.00	27.89 0.89 0.00	28.94 1.22 0.00	29.25 0.68 0.00	34.08 0.57 0.00	37.05 0.76 0.00	36.73 1.04 0.00	33.76 1.88 0.00	31.72 1.62 0.00	29.59 1.78 0.00	25.65 1.38 0.00	22.05 0.82 -0.12
NEG CENTRAL___SENECA 23627	22.74 0.36 0.00	20.77 0.14 0.00	18.65 0.09 0.00	18.03 0.14 0.00	17.57 0.19 0.00	18.64 0.22 0.00	21.11 0.08 -0.05	21.09 0.08 -0.02	22.82 0.11 0.00	21.51 0.19 0.00	22.34 0.50 0.00	24.35 0.73 0.00	25.27 0.78 0.00	27.90 0.76 -0.14	28.46 0.55 -0.19	29.20 0.51 -0.12	33.91 0.34 -0.06	37.16 0.36 -0.51	36.46 0.43 -0.34	33.08 0.83 -0.37	31.31 0.75 -0.46	28.63 0.42 -0.40	24.88 0.53 -0.08	21.48 0.27 -0.10
NEG CENTRAL___STATE_STREET 24147	22.77 0.38 0.00	20.88 0.25 0.00	18.74 0.19 0.00	17.97 0.09 0.00	17.48 0.10 0.00	18.55 0.13 0.00	21.23 0.21 -0.04	21.19 0.19 -0.02	22.96 0.25 0.00	21.57 0.26 0.00	22.25 0.41 0.00	24.07 0.45 0.00	24.96 0.47 0.00	28.02 0.62 -0.40	28.78 0.53 -0.53	29.44 0.54 -0.34	34.21 0.54 -0.17	38.27 0.54 -1.44	37.31 0.64 -0.98	33.73 0.80 -1.06	32.12 0.72 -1.31	29.45 0.50 -1.15	24.96 0.46 -0.22	21.51 0.32 -0.09
NEG MILLWOOD___DRP 24198	23.89 1.50 0.00	21.89 1.26 0.00	19.69 1.13 0.00	18.98 1.09 0.00	18.38 1.01 0.00	19.49 1.07 0.00	22.65 1.32 -0.35	22.71 1.55 -0.18	24.50 1.79 0.00	23.02 1.71 0.00	23.49 1.66 0.00	25.37 1.75 0.00	26.36 1.81 -0.06	29.17 2.00 -0.17	30.13 2.16 -0.25	31.16 2.31 -0.29	36.81 2.82 -0.48	39.70 3.08 -0.33	38.58 2.89 0.00	34.07 2.20 0.00	32.17 2.08 0.00	29.97 2.17 0.00	26.07 1.80 0.00	23.47 1.60 -0.76
NEG NORTH_FLCN_SEA 23793	22.83 0.45 0.00	21.15 0.52 0.00	18.96 0.41 0.00	18.24 0.36 0.00	17.69 0.31 0.00	18.79 0.37 0.00	21.48 0.50 0.00	21.59 0.61 0.00	23.30 0.59 0.00	21.81 0.49 0.00	22.27 0.44 0.00	23.86 0.24 0.00	24.83 0.34 0.00	27.52 0.51 0.00	28.33 0.61 0.00	29.16 0.60 0.00	34.25 0.74 0.00	37.23 0.94 0.00	36.69 1.00 0.00	32.83 0.96 0.00	30.97 0.87 0.00	28.39 0.58 0.00	24.56 0.29 0.00	21.38 0.27 0.00
NEG NORTH_KES_CHATEGAY 23792	22.54 0.16 0.00	20.88 0.25 0.00	18.74 0.19 0.00	18.05 0.16 0.00	17.50 0.12 0.00	18.59 0.17 0.00	21.23 0.25 0.00	21.30 0.31 0.00	22.98 0.27 0.00	21.51 0.19 0.00	21.94 0.11 0.00	23.55 -0.07 0.00	24.49 0.00 0.00	27.11 0.11 0.00	27.92 0.19 0.00	28.76 0.20 0.00	33.78 0.27 0.00	36.72 0.44 0.00	36.19 0.50 0.00	32.39 0.51 0.00	30.54 0.45 0.00	28.03 0.22 0.00	24.25 -0.02 0.00	21.13 0.02 0.00

NEG NORTH___ALICE_FALLS 23915	22.77 0.38 0.00	21.08 0.45 0.00	18.91 0.35 0.00	18.21 0.32 0.00	17.64 0.26 0.00	18.75 0.33 0.00	21.44 0.46 0.00	21.55 0.57 0.00	23.25 0.54 0.00	21.77 0.45 0.00	22.20 0.37 0.00	23.79 0.17 0.00	24.78 0.29 0.00	27.41 0.41 0.00	28.25 0.53 0.00	29.11 0.54 0.00	34.22 0.70 0.00	37.20 0.91 0.00	36.66 0.96 0.00	32.80 0.92 0.00	30.97 0.87 0.00	28.36 0.56 0.00	24.49 0.22 0.00	21.34 0.23 0.00
NEG NORTH___LWR_SARANAC 23913	22.77 0.38 0.00	21.08 0.45 0.00	18.91 0.35 0.00	18.21 0.32 0.00	17.64 0.26 0.00	18.75 0.33 0.00	21.44 0.46 0.00	21.55 0.57 0.00	23.25 0.54 0.00	21.77 0.45 0.00	22.20 0.37 0.00	23.79 0.17 0.00	24.78 0.29 0.00	27.41 0.41 0.00	28.25 0.53 0.00	29.11 0.54 0.00	34.22 0.70 0.00	37.20 0.91 0.00	36.66 0.96 0.00	32.80 0.92 0.00	30.97 0.87 0.00	28.36 0.56 0.00	24.49 0.22 0.00	21.34 0.23 0.00
NEG NORTH___PLATTSBURG 23628	22.77 0.38 0.00	21.08 0.45 0.00	18.85 0.30 0.00	18.21 0.32 0.00	17.64 0.26 0.00	18.75 0.33 0.00	21.44 0.46 0.00	21.55 0.57 0.00	23.25 0.54 0.00	21.77 0.45 0.00	22.20 0.37 0.00	23.79 0.17 0.00	24.79 0.29 0.00	27.41 0.41 0.00	28.25 0.53 0.00	29.08 0.51 0.00	34.22 0.70 0.00	37.20 0.91 0.00	36.66 0.96 0.00	32.83 0.96 0.00	30.97 0.87 0.00	28.36 0.56 0.00	24.49 0.22 0.00	21.34 0.23 0.00
NEG WEST_LEA_LOCKPORT 23791	22.45 0.07 0.00	20.36 -0.27 0.00	18.31 -0.24 0.00	17.72 -0.16 0.00	17.27 -0.10 0.00	18.29 -0.13 0.00	20.50 -0.52 -0.05	20.29 -0.71 -0.02	21.96 -0.75 0.00	20.83 -0.49 0.00	21.99 0.15 0.00	23.95 0.33 0.00	24.78 0.29 0.00	27.30 0.30 0.00	27.31 -0.42 0.00	28.08 -0.49 0.00	32.54 -0.97 0.00	35.16 -1.12 0.00	34.55 -1.14 0.00	31.81 -0.06 0.00	29.64 -0.45 0.00	27.00 -0.81 0.00	24.27 0.00 0.00	20.96 -0.25 -0.10
NEG WEST___LANCASTR 23811	22.61 0.22 0.00	20.53 -0.10 0.00	18.44 -0.11 0.00	17.83 -0.05 0.00	17.39 0.02 0.00	18.44 0.02 0.00	20.05 -0.99 -0.06	20.59 -0.42 -0.03	22.27 -0.43 0.00	21.19 -0.13 0.00	22.27 0.44 0.00	24.26 0.64 0.00	25.15 0.66 0.00	27.73 0.73 0.00	27.92 0.19 0.00	28.74 0.17 0.00	33.41 -0.10 0.00	36.07 -0.22 0.00	35.41 -0.29 0.00	32.45 0.57 0.00	30.15 0.06 0.00	27.53 -0.28 0.00	24.54 0.27 0.00	20.60 -0.63 -0.12
NEG_PENN_ALLEGHNY 23528	22.79 0.40 0.00	20.88 0.25 0.00	18.76 0.20 0.00	18.08 0.20 0.00	17.60 0.23 0.00	18.66 0.24 0.00	21.23 0.15 -0.10	21.26 0.23 -0.05	22.98 0.27 0.00	21.64 0.32 0.00	22.31 0.48 0.00	24.21 0.59 0.00	25.10 0.61 0.00	27.85 0.68 -0.17	28.72 0.78 -0.23	29.37 0.66 -0.15	34.25 0.67 -0.07	37.60 0.69 -0.62	36.83 0.71 -0.42	33.13 0.80 -0.46	31.32 0.66 -0.56	28.99 0.70 -0.49	24.90 0.53 -0.10	21.65 0.32 -0.22
NEG___GEN_MONROE 24207	22.70 0.31 0.00	20.69 0.06 0.00	18.59 0.04 0.00	17.94 0.05 0.00	17.48 0.10 0.00	18.55 0.13 0.00	21.06 0.04 -0.04	20.81 -0.19 -0.02	22.50 -0.20 0.00	21.28 -0.04 0.00	22.27 0.44 0.00	24.31 0.69 0.00	25.13 0.64 0.00	27.60 0.59 0.00	27.89 0.17 0.00	28.65 0.09 0.00	33.34 -0.17 0.00	36.03 -0.25 0.00	35.51 -0.18 0.00	32.45 0.57 0.00	30.42 0.33 0.00	27.78 -0.03 0.00	24.71 0.44 0.00	21.51 0.32 -0.09
NEPA___ENERGY 23901	22.88 0.49 0.00	20.77 0.14 0.00	18.67 0.11 0.00	18.03 0.14 0.00	17.58 0.21 0.00	18.64 0.22 0.00	20.76 -0.27 -0.06	20.88 -0.13 -0.03	22.59 -0.11 0.00	21.51 0.19 0.00	22.62 0.79 0.00	24.59 0.97 0.00	25.49 1.00 0.00	28.11 1.11 0.00	28.30 0.58 0.00	29.11 0.54 0.00	33.81 0.30 0.00	36.51 0.22 0.00	35.83 0.14 0.00	32.80 0.92 0.00	30.48 0.39 0.00	27.86 0.06 0.00	24.83 0.56 0.00	21.27 0.04 -0.12
NEVERSINK___HYD 23608	23.46 1.07 0.00	21.46 0.83 0.00	19.28 0.72 0.00	18.58 0.70 0.00	18.04 0.66 0.00	19.12 0.70 0.00	22.20 0.92 -0.30	22.18 1.05 -0.15	23.89 1.18 0.00	22.43 1.11 0.00	22.90 1.07 0.00	24.73 1.11 0.00	25.67 1.15 -0.03	28.42 1.32 -0.09	29.13 1.28 -0.14	30.29 1.57 -0.16	35.75 1.98 -0.26	38.68 2.21 -0.18	37.80 2.11 0.00	33.47 1.59 0.00	31.60 1.50 0.00	29.22 1.42 0.00	25.51 1.24 0.00	22.87 1.12 -0.65
NEWKRMKL_115KV_TB1 55635	22.99 0.60 0.00	21.12 0.50 0.00	19.04 0.48 0.00	18.33 0.45 0.00	17.81 0.43 0.00	18.88 0.46 0.00	22.01 0.59 -0.45	21.87 0.67 -0.22	23.48 0.77 0.00	21.96 0.64 0.00	22.40 0.57 0.00	24.24 0.61 0.00	25.08 0.66 0.07	27.52 0.73 0.21	28.24 0.83 0.31	29.09 0.89 0.36	34.01 1.11 0.61	37.07 1.20 0.41	36.87 1.18 0.00	32.80 0.92 0.00	31.03 0.93 0.00	28.78 0.97 0.00	25.07 0.80 0.00	22.77 0.70 -0.97
NEWTON___FALLS_HYD 23847	22.19 -0.20 0.00	20.53 -0.10 0.00	18.39 -0.17 0.00	17.74 -0.14 0.00	17.25 -0.12 0.00	18.29 -0.13 0.00	20.86 -0.13 -0.01	20.96 -0.02 0.00	22.59 -0.11 0.00	21.06 -0.26 0.00	21.35 -0.48 0.00	23.05 -0.57 0.00	23.93 -0.56 0.00	26.48 -0.68 -0.15	27.28 -0.64 -0.20	27.95 -0.74 -0.13	32.77 -0.80 -0.06	36.10 -0.73 -0.54	35.45 -0.61 -0.37	31.89 -0.38 -0.40	30.34 -0.24 -0.49	27.84 -0.39 -0.43	24.11 -0.24 -0.08	20.98 -0.15 -0.02
NGRID_A1_DSASP 323792	21.94 -0.45 0.00	19.91 -0.72 0.00	17.94 -0.61 0.00	17.44 -0.45 0.00	16.87 -0.50 0.00	18.03 -0.39 0.00	20.15 -0.88 -0.05	19.85 -1.15 -0.02	21.46 -1.25 0.00	20.42 -0.89 0.00	21.53 -0.31 0.00	23.41 -0.21 0.00	24.20 -0.29 0.00	26.68 -0.32 0.00	27.78 0.06 0.00	27.68 -0.89 0.00	31.97 -1.54 0.00	34.47 -1.81 0.00	33.76 -1.93 0.00	31.05 -0.83 0.00	29.01 -1.08 0.00	27.53 -0.28 0.00	23.86 -0.41 0.00	20.58 -0.63 -0.11
NGRID_A2_DSASP 323793	21.94 -0.45 0.00	19.91 -0.72 0.00	17.94 -0.61 0.00	17.44 -0.45 0.00	16.87 -0.50 0.00	18.03 -0.39 0.00	20.15 -0.88 -0.05	19.85 -1.15 -0.02	21.46 -1.25 0.00	20.42 -0.89 0.00	21.53 -0.31 0.00	23.41 -0.21 0.00	24.20 -0.29 0.00	26.68 -0.32 0.00	27.78 0.06 0.00	27.68 -0.89 0.00	31.97 -1.54 0.00	34.47 -1.81 0.00	33.76 -1.93 0.00	31.05 -0.83 0.00	29.01 -1.08 0.00	27.53 -0.28 0.00	23.86 -0.41 0.00	20.58 -0.63 -0.11
NGRID_A4_DSASP 323807	21.94 -0.45 0.00	19.91 -0.72 0.00	17.91 -0.65 0.00	17.31 -0.57 0.00	16.87 -0.50 0.00	17.87 -0.55 0.00	20.15 -0.88 -0.05	19.83 -1.17 -0.02	21.46 -1.25 0.00	20.38 -0.94 0.00	21.53 -0.31 0.00	23.41 -0.21 0.00	24.20 -0.29 0.00	26.68 -0.32 0.00	26.64 -1.08 0.00	27.39 -1.17 0.00	31.74 -1.78 0.00	34.26 -2.03 0.00	33.62 -2.07 0.00	30.98 -0.89 0.00	28.86 -1.23 0.00	26.33 -1.47 0.00	23.74 -0.53 0.00	20.58 -0.63 -0.11
NIAGARA_115E_LBMP 323715	22.14 -0.25 0.00	20.07 -0.56 0.00	18.13 -0.43 0.00	17.35 -0.54 0.00	17.05 -0.33 0.00	17.96 -0.46 0.00	20.15 -0.88 -0.05	19.91 -1.09 -0.02	21.52 -1.18 0.00	20.49 -0.83 0.00	21.59 -0.24 0.00	23.50 -0.12 0.00	24.29 -0.20 0.00	26.79 -0.22 0.00	27.89 0.17 0.00	27.79 -0.77 0.00	32.14 -1.38 0.00	34.66 -1.63 0.00	33.94 -1.75 0.00	31.20 -0.67 0.00	29.16 -0.93 0.00	27.64 -0.17 0.00	23.95 -0.32 0.00	20.62 -0.59 -0.11

NIAGARA_115W_LBMP 323714	21.87 -0.51 0.00	19.85 -0.78 0.00	17.91 -0.65 0.00	17.40 -0.48 0.00	16.82 -0.56 0.00	18.00 -0.42 0.00	20.11 -0.92 -0.05	19.79 -1.22 -0.02	21.41 -1.29 0.00	20.36 -0.96 0.00	21.46 -0.37 0.00	23.34 -0.28 0.00	24.15 -0.34 0.00	26.63 -0.38 0.00	27.69 -0.03 0.00	27.62 -0.94 0.00	31.87 -1.64 0.00	34.36 -1.92 0.00	33.66 -2.03 0.00	30.95 -0.93 0.00	28.92 -1.17 0.00	27.44 -0.36 0.00	23.79 -0.49 0.00	20.52 -0.70 -0.11
NIAGARA_230_LBMP 323716	22.18 -0.20 0.00	20.13 -0.50 0.00	18.16 -0.39 0.00	17.53 -0.36 0.00	17.06 -0.31 0.00	18.13 -0.30 0.00	20.36 -0.67 -0.05	20.08 -0.92 -0.02	21.73 -0.98 0.00	20.66 -0.66 0.00	21.77 -0.07 0.00	23.67 0.05 0.00	24.49 0.00 0.00	27.00 0.00 0.00	28.08 0.36 0.00	28.02 -0.54 0.00	32.37 -1.14 0.00	34.91 -1.38 0.00	34.19 -1.50 0.00	31.40 -0.48 0.00	29.34 -0.75 0.00	27.81 0.00 0.00	24.13 -0.14 0.00	20.79 -0.42 -0.11
NIAGARA__115KV_198_GIBSON 55903	21.87 -0.51 0.00	19.85 -0.78 0.00	17.85 -0.71 0.00	17.26 -0.63 0.00	16.82 -0.56 0.00	17.81 -0.61 0.00	20.11 -0.92 -0.05	19.79 -1.22 -0.02	21.39 -1.32 0.00	20.32 -1.00 0.00	21.46 -0.37 0.00	23.34 -0.28 0.00	24.15 -0.34 0.00	26.63 -0.38 0.00	26.59 -1.14 0.00	27.34 -1.23 0.00	31.64 -1.88 0.00	34.15 -2.14 0.00	33.51 -2.18 0.00	30.89 -0.99 0.00	28.77 -1.32 0.00	26.25 -1.56 0.00	23.66 -0.61 0.00	20.52 -0.70 -0.11
NIAGARA____ 23760	21.98 -0.40 0.00	19.93 -0.70 0.00	17.98 -0.58 0.00	17.38 -0.50 0.00	16.91 -0.47 0.00	17.98 -0.44 0.00	20.13 -0.90 -0.05	19.91 -1.09 -0.02	21.55 -1.16 0.00	20.49 -0.83 0.00	21.59 -0.24 0.00	23.50 -0.12 0.00	24.29 -0.20 0.00	26.82 -0.19 0.00	27.89 0.17 0.00	27.82 -0.74 0.00	32.14 -1.38 0.00	34.69 -1.60 0.00	33.98 -1.71 0.00	31.20 -0.67 0.00	29.16 -0.93 0.00	27.64 -0.17 0.00	23.93 -0.34 0.00	20.58 -0.63 -0.11
NINE_MILE_1 23575	21.83 -0.56 0.00	20.05 -0.58 0.00	18.06 -0.50 0.00	17.40 -0.48 0.00	16.92 -0.45 0.00	17.94 -0.48 0.00	20.41 -0.59 -0.02	20.32 -0.67 -0.01	22.00 -0.70 0.00	20.68 -0.64 0.00	21.25 -0.59 0.00	23.03 -0.59 0.00	23.88 -0.61 0.00	23.83 -0.70 2.47	23.78 -0.67 3.28	25.64 -0.83 2.10	31.48 -1.00 1.03	26.23 -1.13 8.94	28.54 -1.07 6.08	24.45 -0.83 6.60	21.16 -0.81 8.12	19.96 -0.72 7.12	22.23 -0.65 1.39	20.54 -0.61 -0.04
NINE_MILE_2 23744	21.83 -0.56 0.00	20.05 -0.58 0.00	18.06 -0.50 0.00	17.40 -0.48 0.00	16.92 -0.45 0.00	17.94 -0.48 0.00	20.44 -0.57 -0.02	20.32 -0.67 -0.01	22.00 -0.70 0.00	20.68 -0.64 0.00	21.25 -0.59 0.00	23.03 -0.59 0.00	23.88 -0.61 0.00	23.79 -0.67 2.51	25.61 -0.83 3.33	31.46 -1.00 2.13	26.13 -1.09 1.05	28.45 -1.07 9.07	24.35 -0.83 6.17	21.04 -0.81 6.70	19.85 -0.72 8.24	22.21 -0.65 7.23	20.54 -0.61 1.41	-0.04
NM_CAPITAL____DRP 24208	23.08 0.69 0.00	21.21 0.58 0.00	19.11 0.56 0.00	18.40 0.52 0.00	17.88 0.50 0.00	18.96 0.53 0.00	22.10 0.67 -0.45	21.96 0.76 -0.22	23.55 0.84 0.00	22.02 0.70 0.00	22.47 0.63 0.00	24.28 0.66 0.00	25.12 0.71 0.08	27.58 0.81 0.23	28.27 0.89 0.34	29.14 0.97 0.40	34.02 1.17 0.67	37.11 1.27 0.45	36.94 1.25 0.00	32.86 0.99 0.00	31.09 0.99 0.00	28.83 1.03 0.00	25.14 0.87 0.00	22.83 0.76 -0.97
NM_CENTRAL____DRP 24181	22.27 -0.11 0.00	20.44 -0.19 0.00	18.39 -0.17 0.00	17.74 -0.14 0.00	17.24 -0.14 0.00	18.29 -0.13 0.00	20.82 -0.19 -0.03	20.74 -0.25 -0.01	22.48 -0.23 0.00	21.15 -0.17 0.00	21.75 -0.09 0.00	23.64 0.02 0.00	24.49 0.00 0.00	27.13 -0.11 -0.24	27.87 -0.17 -0.32	28.57 -0.20 -0.20	33.34 -0.27 -0.10	36.79 -0.36 -0.86	35.96 -0.32 -0.59	32.39 -0.13 -0.64	30.73 -0.15 -0.78	28.24 -0.25 -0.69	24.28 -0.12 -0.13	21.02 -0.15 -0.06
NM_FRONTIER____DRP 24179	21.87 -0.51 0.00	19.85 -0.78 0.00	17.85 -0.71 0.00	17.26 -0.63 0.00	16.82 -0.56 0.00	17.81 -0.61 0.00	20.11 -0.92 -0.05	19.79 -1.22 -0.02	21.39 -1.32 0.00	20.32 -1.00 0.00	21.46 -0.37 0.00	23.34 -0.28 0.00	24.15 -0.34 0.00	26.63 -0.38 0.00	26.59 -1.14 0.00	27.34 -1.23 0.00	31.64 -1.88 0.00	34.15 -2.14 0.00	33.51 -2.18 0.00	30.89 -0.99 0.00	28.77 -1.32 0.00	26.25 -1.56 0.00	23.66 -0.61 0.00	20.52 -0.70 -0.11
NM_ST_REGIS____HYD 24053	21.89 -0.49 0.00	20.32 -0.31 0.00	18.22 -0.33 0.00	17.60 -0.29 0.00	17.06 -0.31 0.00	18.13 -0.29 0.00	20.64 -0.34 0.00	20.81 -0.17 0.00	22.43 -0.27 0.00	20.89 -0.43 0.00	21.13 -0.70 0.00	22.65 -0.97 0.00	23.58 -0.91 0.00	26.05 -1.03 -0.07	26.84 -0.97 -0.09	27.59 -1.03 -0.06	32.40 -1.14 -0.03	35.41 -1.12 -0.25	34.83 -1.04 -0.17	31.20 -0.86 -0.18	29.57 -0.75 -0.23	27.14 -0.86 -0.20	23.68 -0.63 -0.04	20.71 -0.40 0.00
NORTHPORT____1 23551	32.12 2.33 -7.41	23.00 2.06 -0.31	21.80 1.80 -1.45	19.70 1.81 -0.01	19.10 1.72 -0.01	20.15 1.73 0.00	23.56 2.22 -0.36	25.77 2.45 -2.34	26.59 2.70 -1.19	23.52 2.20 0.00	25.99 2.34 -1.82	27.24 2.48 -1.14	27.07 2.50 -0.08	30.24 2.76 -0.49	31.39 2.72 -0.95	33.20 3.23 -1.41	37.84 3.75 -0.57	46.37 3.92 -6.16	46.23 3.71 -6.83	41.51 3.00 -6.64	43.66 2.89 -10.68	38.55 2.56 -8.19	33.76 2.43 -7.06	31.14 2.36 -7.67
NORTHPORT____2 23552	32.12 2.33 -7.41	23.00 2.06 -0.31	21.80 1.80 -1.45	19.70 1.81 -0.01	19.10 1.72 -0.01	20.15 1.73 0.00	23.56 2.22 -0.36	25.77 2.45 -2.34	26.59 2.70 -1.19	23.52 2.20 0.00	25.99 2.34 -1.82	27.24 2.48 -1.14	27.07 2.50 -0.08	30.24 2.76 -0.49	31.39 2.72 -0.95	33.20 3.23 -1.41	37.84 3.75 -0.57	46.37 3.92 -6.16	46.23 3.71 -6.83	41.51 3.00 -6.64	43.66 2.89 -10.68	38.55 2.56 -8.19	33.76 2.43 -7.06	31.14 2.36 -7.67
NORTHPORT____3 23553	31.58 1.79 -7.41	22.46 1.53 -0.31	21.32 1.32 -1.45	19.22 1.32 -0.01	18.64 1.25 -0.01	19.69 1.27 0.00	23.00 1.66 -0.36	25.24 1.93 -2.33	26.05 2.16 -1.19	23.13 1.81 0.00	25.58 1.92 -1.82	26.80 2.03 -1.14	26.65 2.08 -0.08	29.81 2.32 -0.49	30.81 2.13 -0.95	32.37 2.40 -1.40	37.03 2.95 -0.56	45.75 3.30 -6.16	45.58 3.07 -6.82	40.70 2.20 -6.63	42.87 2.11 -10.67	38.46 2.47 -8.18	33.42 2.28 -6.87	30.59 1.82 -7.67
NORTHPORT____4 23650	31.58 1.79 -7.41	22.46 1.53 -0.31	21.32 1.32 -1.45	19.22 1.32 -0.01	18.64 1.25 -0.01	19.69 1.27 0.00	23.00 1.66 -0.36	25.24 1.93 -2.33	26.05 2.16 -1.19	23.13 1.81 0.00	25.58 1.92 -1.82	26.80 2.03 -1.14	26.65 2.08 -0.08	29.81 2.32 -0.49	30.81 2.13 -0.95	32.37 2.40 -1.40	37.03 2.95 -0.56	45.75 3.30 -6.16	45.58 3.07 -6.82	40.70 2.20 -6.63	42.87 2.11 -10.67	38.46 2.47 -8.18	33.42 2.28 -6.87	30.59 1.82 -7.67
NORTHPORT____IC 23718	32.12 2.33 -7.41	23.00 2.06 -0.31	21.80 1.80 -1.45	19.70 1.81 -0.01	19.10 1.72 -0.01	20.15 1.73 0.00	23.56 2.22 -0.36	25.77 2.45 -2.34	26.59 2.70 -1.19	23.52 2.20 0.00	25.99 2.34 -1.82	27.24 2.48 -1.14	27.07 2.50 -0.08	30.24 2.76 -0.49	31.39 2.72 -0.95	33.20 3.23 -1.41	37.84 3.75 -0.57	46.37 3.92 -6.16	46.23 3.71 -6.83	41.51 3.00 -6.64	43.66 2.89 -10.68	38.55 2.56 -8.19	33.76 2.43 -7.06	31.14 2.36 -7.67

NORTH___COUNTRY_ESR 323785	22.48 0.09 0.00	20.84 0.21 0.00	18.65 0.09 0.00	18.01 0.13 0.00	17.46 0.09 0.00	18.53 0.11 0.00	21.17 0.19 0.00	21.25 0.27 0.00	22.96 0.25 0.00	21.49 0.17 0.00	21.92 0.09 0.00	23.53 -0.09 0.00	24.47 -0.02 0.00	27.06 0.05 0.00	27.86 0.14 0.00	28.71 0.14 0.00	33.71 0.20 0.00	36.61 0.33 0.00	36.09 0.39 0.00	32.29 0.41 0.00	30.46 0.36 0.00	27.94 0.14 0.00	24.20 -0.07 0.00	21.06 -0.04 0.00
NPX_GEN_1385_PROXY 323591	31.74 1.95 -7.41	22.81 1.88 -0.31	21.80 1.80 -1.45	19.79 1.89 -0.01	19.24 1.86 -0.01	20.14 1.71 0.00	23.46 2.12 -0.36	25.46 2.14 -2.34	26.21 2.32 -1.19	23.15 1.83 0.00	25.60 1.94 -1.82	27.01 2.25 -1.14	26.83 2.25 -0.08	29.65 2.16 -0.49	30.89 2.22 -0.95	32.69 2.72 -1.41	36.87 2.78 -0.57	45.10 2.65 -6.16	45.02 2.50 -6.83	40.87 2.36 -6.64	42.94 2.17 -10.68	37.97 1.97 -8.19	33.28 1.94 -7.06	30.80 2.03 -7.67
NPX_GEN_CSC 323557	32.48 2.69 -7.41	23.43 2.50 -0.31	22.17 2.15 -1.46	20.00 2.11 -0.01	19.40 2.01 -0.01	20.47 2.04 0.00	24.01 2.66 -0.36	26.26 2.94 -2.34	27.07 3.18 -1.19	23.26 1.94 0.00	25.79 2.14 -1.82	27.05 2.29 -1.14	26.70 2.13 -0.08	29.89 2.40 -0.49	31.11 2.44 -0.95	33.17 3.20 -1.41	37.90 3.82 -0.57	46.59 4.14 -6.16	46.45 3.93 -6.83	41.64 3.13 -6.64	43.94 3.16 -10.69	39.19 3.14 -8.24	36.05 3.06 -8.72	31.31 2.53 -7.67
NSINS_S_GLNS_FALLS 23858	24.02 1.63 0.00	22.03 1.40 0.00	19.84 1.28 0.00	19.07 1.18 0.00	18.54 1.16 0.00	19.69 1.27 0.00	23.01 1.57 -0.46	22.91 1.70 -0.23	24.57 1.86 0.00	22.94 1.62 0.00	23.45 1.62 0.00	25.35 1.72 0.00	26.17 1.76 0.08	28.72 1.94 0.23	29.46 2.08 0.34	30.31 2.14 0.40	35.49 2.65 0.67	38.77 2.94 0.45	38.65 2.96 0.00	34.62 2.74 0.00	32.86 2.77 0.00	30.34 2.53 0.00	26.38 2.11 0.00	23.84 1.73 -1.00
NUCOR_STEEL___DRP 24197	22.66 0.27 0.00	20.77 0.14 0.00	18.67 0.11 0.00	18.01 0.13 0.00	17.52 0.14 0.00	18.57 0.15 0.00	21.15 0.13 -0.04	21.08 0.08 -0.02	22.82 0.11 0.00	21.45 0.13 0.00	22.10 0.26 0.00	24.02 0.40 0.00	24.91 0.42 0.00	27.84 0.41 -0.43	28.63 0.33 -0.57	29.24 0.31 -0.37	34.03 0.34 -0.18	38.17 0.33 -1.56	37.14 0.39 -1.06	33.60 0.57 -1.15	31.99 0.48 -1.41	29.35 0.31 -1.24	24.83 0.32 -0.24	21.40 0.21 -0.09
NUMBER_THREE_WT_PWR 323818	22.66 0.27 0.00	20.88 0.25 0.00	18.78 0.22 0.00	18.08 0.20 0.00	17.60 0.23 0.00	18.68 0.26 0.00	21.24 0.25 -0.01	21.32 0.33 -0.01	22.98 0.27 0.00	21.47 0.15 0.00	21.88 0.04 0.00	23.76 0.14 0.00	24.64 0.15 0.00	27.26 0.08 -0.18	28.09 0.14 -0.23	28.71 0.00 -0.15	33.69 0.10 -0.07	37.14 0.22 -0.64	36.48 0.36 -0.43	32.92 0.57 -0.47	31.30 0.63 -0.58	28.76 0.44 -0.51	24.71 0.34 -0.10	21.39 0.25 -0.03
NYISO_LBMP_REFERENCE 24008	22.39 0.00 0.00	20.63 0.00 0.00	18.56 0.00 0.00	17.89 0.00 0.00	17.38 0.00 0.00	18.42 0.00 0.00	20.98 0.00 0.00	20.98 0.00 0.00	22.71 0.00 0.00	21.32 0.00 0.00	21.83 0.00 0.00	23.62 0.00 0.00	24.49 0.00 0.00	27.00 0.00 0.00	27.72 0.00 0.00	28.56 0.00 0.00	33.51 0.00 0.00	36.29 0.00 0.00	35.69 0.00 0.00	31.88 0.00 0.00	30.09 0.00 0.00	27.81 0.00 0.00	24.27 0.00 0.00	21.11 0.00 0.00
NYPA_BRENTWD___GT 24164	32.37 2.57 -7.41	23.23 2.29 -0.31	21.99 1.99 -1.45	19.86 1.97 -0.01	19.26 1.88 -0.01	20.32 1.90 0.00	23.77 2.43 -0.36	26.00 2.69 -2.34	26.84 2.95 -1.19	23.71 2.39 0.00	26.23 2.58 -1.82	27.48 2.72 -1.14	27.32 2.74 -0.08	30.57 3.08 -0.49	31.75 3.08 -0.95	33.60 3.63 -1.41	38.37 4.29 -0.57	47.02 4.57 -6.16	46.84 4.32 -6.83	42.01 3.51 -6.63	44.14 3.37 -10.68	39.12 3.11 -8.20	34.51 2.86 -7.37	31.39 2.62 -7.67
NYPA_GOWANUS___GT5 24156	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.12 2.11 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
NYPA_GOWANUS___GT6 24157	24.07 1.68 0.00	21.97 1.34 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.24 1.92 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.12 2.11 -0.29	31.56 2.66 -0.34	37.09 3.02 -0.56	40.00 3.34 -0.38	38.80 3.10 0.00	33.92 2.04 0.00	32.08 1.99 0.00	29.86 2.06 0.00	26.31 2.04 0.00	23.65 1.79 -0.75
NYPA_HARLEM_RVR_GT1 24160	24.03 1.63 -0.01	21.98 1.34 -0.01	19.77 1.21 -0.01	19.09 1.20 -0.01	18.47 1.10 0.00	19.43 1.01 0.00	22.54 1.22 -0.35	22.81 1.66 -0.17	24.50 1.79 0.00	23.10 1.79 0.01	23.54 1.70 0.00	25.51 1.89 0.00	26.44 1.89 -0.06	29.39 2.19 -0.19	30.09 2.08 -0.29	31.42 2.51 -0.34	36.78 2.71 -0.55	39.82 3.16 -0.38	38.58 2.89 0.00	33.59 1.72 0.01	31.84 1.74 0.00	29.75 1.95 0.00	26.32 2.04 -0.01	23.66 1.79 -0.76
NYPA_HARLEM_RVR_GT2 24161	24.03 1.63 -0.01	21.98 1.34 -0.01	19.77 1.21 -0.01	19.09 1.20 -0.01	18.47 1.10 0.00	19.43 1.01 0.00	22.54 1.22 -0.35	22.81 1.66 -0.17	24.50 1.79 0.00	23.10 1.79 0.01	23.54 1.70 0.00	25.51 1.89 0.00	26.44 1.89 -0.06	29.39 2.19 -0.19	30.09 2.08 -0.29	31.42 2.51 -0.34	36.78 2.71 -0.55	39.82 3.16 -0.38	38.58 2.89 0.00	33.59 1.72 0.01	31.84 1.74 0.00	29.75 1.95 0.00	26.32 2.04 -0.01	23.66 1.79 -0.76
NYPA_KENT___GT 24152	24.02 1.63 0.00	21.95 1.32 0.00	19.74 1.19 0.00	19.03 1.15 0.00	18.40 1.02 0.00	19.42 0.99 0.00	22.65 1.32 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.22 1.90 0.00	23.64 1.81 0.00	25.63 2.01 0.00	26.59 2.03 -0.07	29.44 2.24 -0.19	30.12 2.11 -0.29	31.53 2.63 -0.34	37.02 2.95 -0.56	39.97 3.30 -0.38	38.72 3.03 0.00	33.88 2.01 0.00	32.05 1.95 0.00	29.81 2.00 0.00	26.26 1.99 0.00	23.61 1.75 -0.75
NYPA_POUCH1___GT 24155	24.04 1.66 0.00	21.93 1.30 0.00	19.73 1.17 0.00	19.01 1.13 0.00	18.37 0.99 0.00	19.34 0.92 0.00	22.56 1.24 -0.35	22.77 1.62 -0.18	24.57 1.86 0.00	23.18 1.85 0.00	23.61 1.77 0.00	25.56 1.94 0.00	26.55 1.98 -0.07	29.39 2.19 -0.20	30.07 2.05 -0.29	31.51 2.60 -0.35	37.03 2.95 -0.57	39.97 3.30 -0.38	38.73 3.03 0.00	33.82 1.94 0.00	31.99 1.90 0.00	29.78 1.97 0.00	26.26 1.99 0.00	23.61 1.75 -0.75
NYPA_VERNON___GT2 24162	23.98 1.59 0.00	21.91 1.28 0.00	19.73 1.17 0.00	19.03 1.15 0.00	18.40 1.02 0.00	19.43 1.01 0.00	22.65 1.32 -0.35	22.85 1.70 -0.17	24.61 1.91 0.00	23.20 1.88 0.00	23.64 1.81 0.00	25.61 1.98 0.00	26.57 2.01 -0.07	29.44 2.24 -0.19	30.12 2.11 -0.29	31.48 2.57 -0.34	36.99 2.91 -0.56	39.90 3.23 -0.38	38.65 2.96 0.00	33.82 1.94 0.00	31.99 1.90 0.00	29.78 1.97 0.00	26.24 1.97 0.00	23.59 1.73 -0.75

NYPA_VERNON____GT3 24163	23.98	21.91	19.73	19.03	18.40	19.43	22.65	22.85	24.61	23.20	23.64	25.61	26.57	29.44	30.12	31.48	36.99	39.90	38.65	33.82	31.99	29.78	26.24	23.59
	1.59	1.28	1.17	1.15	1.02	1.01	1.32	1.70	1.91	1.88	1.81	1.98	2.01	2.24	2.11	2.57	2.91	3.23	2.96	1.94	1.90	1.97	1.97	1.73
	0.00	0.00	0.00	0.00	0.00	0.00	-0.35	-0.17	0.00	0.00	0.00	0.00	-0.07	-0.19	-0.29	-0.34	-0.56	-0.38	0.00	0.00	0.00	0.00	0.00	-0.75
NYPA____ASTORIA_CC1 323568	23.95	21.91	19.71	19.01	18.40	19.42	22.63	22.81	24.59	23.15	23.60	25.56	26.52	29.39	30.06	31.45	36.92	39.82	38.58	33.76	31.93	29.75	26.21	23.57
	1.57	1.28	1.15	1.13	1.02	0.99	1.30	1.66	1.88	1.83	1.77	1.94	1.96	2.19	2.05	2.54	2.85	3.16	2.89	1.88	1.84	1.95	1.94	1.71
	0.00	0.00	0.00	0.00	0.00	0.00	-0.35	-0.17	0.00	0.00	0.00	0.00	-0.07	-0.19	-0.29	-0.34	-0.56	-0.38	0.00	0.00	0.00	0.00	0.00	-0.75
NYPA____ASTORIA_CC2 323569	23.95	21.91	19.71	19.01	18.40	19.42	22.63	22.81	24.59	23.15	23.60	25.56	26.52	29.39	30.06	31.45	36.92	39.82	38.58	33.76	31.93	29.75	26.21	23.57
	1.57	1.28	1.15	1.13	1.02	0.99	1.30	1.66	1.88	1.83	1.77	1.94	1.96	2.19	2.05	2.54	2.85	3.16	2.89	1.88	1.84	1.95	1.94	1.71
	0.00	0.00	0.00	0.00	0.00	0.00	-0.35	-0.17	0.00	0.00	0.00	0.00	-0.07	-0.19	-0.29	-0.34	-0.56	-0.38	0.00	0.00	0.00	0.00	0.00	-0.75
NYPA____HOLTSVILL 23794	32.30	23.17	21.94	19.81	19.21	20.26	23.71	25.96	26.80	23.47	25.99	27.20	26.98	30.19	31.36	33.29	38.01	46.66	46.52	41.71	43.85	38.99	35.73	31.29
	2.51	2.23	1.93	1.91	1.82	1.84	2.37	2.64	2.91	2.15	2.34	2.43	2.40	2.70	2.69	3.31	3.92	4.21	4.00	3.19	3.07	2.95	2.77	2.51
	-7.41	-0.31	-1.46	-0.01	-0.01	0.00	-0.36	-2.34	-1.19	0.00	-1.82	-1.14	-0.08	-0.49	-0.95	-1.41	-0.58	-6.16	-6.83	-6.64	-10.69	-8.24	-8.69	-7.67
NYPA____HELLGATE_GT1 24158	24.03	21.98	19.77	19.09	18.47	19.43	22.54	22.81	24.50	23.10	23.54	25.51	26.44	29.39	30.09	31.42	36.78	39.82	38.58	33.59	31.84	29.75	26.32	23.66
	1.63	1.34	1.21	1.20	1.10	1.01	1.22	1.66	1.79	1.79	1.70	1.89	1.89	2.19	2.08	2.51	2.71	3.16	2.89	1.72	1.74	1.95	2.04	1.79
	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.35	-0.17	0.00	0.01	0.00	0.00	-0.06	-0.19	-0.29	-0.34	-0.55	-0.38	0.00	0.01	0.00	0.00	-0.01	-0.76
NYPA____HELLGATE_GT2 24159	24.03	21.98	19.77	19.09	18.47	19.43	22.54	22.81	24.50	23.10	23.54	25.51	26.44	29.39	30.09	31.42	36.78	39.82	38.58	33.59	31.84	29.75	26.32	23.66
	1.63	1.34	1.21	1.20	1.10	1.01	1.22	1.66	1.79	1.79	1.70	1.89	1.89	2.19	2.08	2.51	2.71	3.16	2.89	1.72	1.74	1.95	2.04	1.79
	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.35	-0.17	0.00	0.01	0.00	0.00	-0.06	-0.19	-0.29	-0.34	-0.55	-0.38	0.00	0.01	0.00	0.00	-0.01	-0.76
NYS_BARGE____HYD 23848	22.45	20.36	18.39	17.65	17.27	18.26	20.48	20.27	21.96	20.87	21.99	23.95	24.76	27.30	28.42	28.37	32.81	35.38	34.69	31.91	29.79	28.17	24.39	20.96
	0.07	-0.27	-0.17	-0.23	-0.10	-0.17	-0.55	-0.73	-0.75	-0.45	0.15	0.33	0.27	0.30	0.69	-0.20	-0.71	-0.91	-1.00	0.03	-0.30	0.36	0.12	-0.25
	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10
OAK ORCHARD____HYD 24046	22.59	20.59	18.52	17.85	17.36	18.44	21.00	20.75	22.48	21.30	22.23	24.14	24.95	27.57	28.58	28.82	33.51	36.25	35.62	32.45	30.48	28.45	24.66	21.38
	0.20	-0.04	-0.04	-0.04	-0.02	0.02	-0.02	-0.25	-0.23	-0.02	0.39	0.52	0.46	0.57	0.86	0.26	0.00	-0.04	-0.07	0.57	0.39	0.64	0.39	0.19
	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09
OAKDALE____35_KV_LOAD 356122	22.74	20.84	18.72	18.06	17.57	18.62	21.19	21.22	22.93	21.60	22.25	24.14	25.03	27.76	28.44	29.22	34.12	37.40	36.64	32.99	31.15	28.68	24.80	21.58
	0.36	0.21	0.17	0.18	0.19	0.20	0.10	0.19	0.23	0.28	0.41	0.52	0.54	0.59	0.50	0.51	0.54	0.51	0.54	0.67	0.51	0.39	0.44	0.25
	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.05	0.00	0.00	0.00	0.00	0.00	-0.17	-0.22	-0.14	-0.07	-0.60	-0.41	-0.45	-0.55	-0.48	-0.09	-0.22
OCC_CHEM____DRP 24175	21.94	19.91	17.91	17.31	16.87	17.87	20.15	19.83	21.46	20.38	21.53	23.41	24.20	26.68	26.64	27.39	31.74	34.26	33.62	30.98	28.86	26.33	23.74	20.58
	-0.45	-0.72	-0.65	-0.57	-0.50	-0.55	-0.88	-1.17	-1.25	-0.94	-0.31	-0.21	-0.29	-0.32	-1.08	-1.17	-1.78	-2.03	-2.07	-0.89	-1.23	-1.47	-0.53	-0.63
	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11
OH_GEN_PROXY 24063	22.18	20.13	18.16	17.53	17.08	18.13	20.36	20.12	21.75	20.70	21.79	23.72	24.52	27.03	28.11	28.08	32.44	34.98	34.30	31.46	29.40	27.83	24.15	20.81
	-0.20	-0.50	-0.39	-0.36	-0.30	-0.30	-0.67	-0.88	-0.95	-0.62	-0.04	0.09	0.02	0.03	0.39	-0.49	-1.07	-1.30	-1.39	-0.42	-0.69	0.03	-0.12	-0.40
	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11
OLIN_CORP_DRP 24177	22.16	20.09	18.09	17.51	17.06	18.05	20.19	19.96	21.57	20.49	21.64	23.55	24.34	26.84	26.83	27.59	31.97	34.51	33.91	31.21	29.10	26.50	23.88	20.67
	-0.22	-0.54	-0.46	-0.38	-0.31	-0.37	-0.84	-1.05	-1.14	-0.83	-0.20	-0.07	-0.15	-0.16	-0.89	-0.97	-1.54	-1.78	-1.78	-0.67	-0.99	-1.31	-0.39	-0.55
	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11
OLIN_CORP_DSASP 323712	21.94	19.91	17.94	17.44	16.87	18.03	20.15	19.85	21.46	20.42	21.53	23.41	24.20	26.68	27.78	27.68	31.97	34.47	33.76	31.05	29.01	27.53	23.86	20.58
	-0.45	-0.72	-0.61	-0.45	-0.50	-0.39	-0.88	-1.15	-1.25	-0.89	-0.31	-0.21	-0.29	-0.32	0.06	-0.89	-1.54	-1.81	-1.93	-0.83	-1.08	-0.28	-0.41	-0.63
	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11
ONEIDA_HERK_LFGE 323681	22.74	20.94	18.87	18.17	17.69	18.75	21.31	21.38	23.09	21.64	22.10	24.05	24.91	27.45	28.24	28.96	33.99	37.21	36.57	32.87	31.13	28.67	24.76	21.45
	0.36	0.31	0.32	0.29	0.31	0.33	0.32	0.40	0.39	0.32	0.26	0.43	0.42	0.35	0.39	0.31	0.43	0.58	0.64	0.73	0.72	0.58	0.44	0.32
	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	-0.10	-0.13	-0.08	-0.04	-0.35	-0.24	-0.26	-0.32	-0.28	-0.05	-0.02
ONEIDA____115KV_TB4 55905	22.90	21.04	18.89	18.26	17.78	18.85	21.40	21.45	23.18	21.77	22.27	24.28	25.15	27.76	28.53	29.25	34.34	37.64	36.94	33.18	31.49	28.91	24.95	21.59
	0.51	0.41	0.33	0.38	0.40	0.42	0.40	0.46	0.48	0.45	0.44	0.66	0.66	0.62	0.64	0.57	0.77	0.87	0.93	0.96	0.96	0.72	0.61	0.44
	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	0.00	0.00	0.00	0.00	0.00	-0.13	-0.17	-0.11	-0.06	-0.48	-0.32	-0.35	-0.43	-0.38	-0.07	-0.04

ONONDAGA_REF_OCCRA 23987	22.36 -0.02 0.00	20.53 -0.10 0.00	18.44 -0.11 0.00	17.80 -0.09 0.00	17.31 -0.07 0.00	18.35 -0.07 0.00	20.89 -0.13 -0.04	20.83 -0.17 -0.02	22.57 -0.14 0.00	21.21 -0.11 0.00	21.83 0.00 0.00	23.72 0.09 0.00	24.59 0.10 0.00	27.32 0.03 -0.29	28.08 -0.03 -0.38	28.75 -0.06 -0.25	33.53 -0.10 -0.12	37.19 -0.15 -1.05	36.30 -0.11 -0.71	32.71 0.06 -0.77	31.05 0.00 -0.95	28.56 -0.08 -0.84	24.43 0.00 -0.16	21.12 -0.06 -0.08
ONONDAGA___COGEN 23986	22.41 0.02 0.00	20.57 -0.06 0.00	18.48 -0.07 0.00	17.83 -0.05 0.00	17.34 -0.03 0.00	18.39 -0.04 0.00	20.93 -0.08 -0.03	20.85 -0.15 -0.02	22.57 -0.14 0.00	21.21 -0.11 0.00	21.83 0.00 0.00	23.74 0.12 0.00	24.59 0.10 0.00	27.50 0.05 -0.44	28.28 -0.03 -0.59	28.88 -0.06 -0.38	33.60 -0.10 -0.19	37.75 -0.15 -1.61	36.68 -0.11 -1.10	33.13 0.06 -1.19	31.59 0.03 -1.46	29.03 -0.06 -1.28	24.52 0.00 -0.25	21.11 -0.06 -0.07
ONTARIO___LFGE 23819	22.74 0.36 0.00	20.78 0.15 0.00	18.70 0.15 0.00	18.03 0.14 0.00	17.57 0.19 0.00	18.66 0.24 0.00	21.11 0.08 -0.05	21.09 0.08 -0.02	22.82 0.11 0.00	21.53 0.21 0.00	22.34 0.50 0.00	24.35 0.73 0.00	25.27 0.78 0.00	27.90 0.76 -0.14	28.90 1.00 -0.19	29.31 0.63 -0.12	34.01 0.43 -0.06	37.23 0.44 -0.51	36.54 0.50 -0.34	33.14 0.89 -0.37	31.37 0.81 -0.46	29.10 0.89 -0.40	24.93 0.58 -0.08	21.48 0.27 -0.10
ORANGEVILLE_WT_PWR 323706	22.72 0.34 0.00	20.65 0.02 0.00	18.59 0.04 0.00	17.92 0.04 0.00	17.48 0.10 0.00	18.55 0.13 0.00	20.75 -0.29 -0.06	20.74 -0.27 -0.03	22.43 -0.27 0.00	21.30 -0.02 0.00	22.34 0.50 0.00	24.33 0.71 0.00	25.20 0.71 0.00	27.76 0.76 0.00	28.83 1.11 0.00	28.99 0.43 0.00	33.61 0.10 0.00	36.29 0.00 0.00	35.62 -0.07 0.00	32.55 0.67 0.00	30.42 0.33 0.00	28.61 0.81 0.00	24.76 0.49 0.00	21.21 -0.02 -0.13
ORANGEVILLE___ESR 323794	22.72 0.34 0.00	20.65 0.02 0.00	18.59 0.04 0.00	17.92 0.04 0.00	17.48 0.10 0.00	18.55 0.13 0.00	20.75 -0.29 -0.06	20.74 -0.27 -0.03	22.43 -0.27 0.00	21.30 -0.02 0.00	22.34 0.50 0.00	24.33 0.71 0.00	25.20 0.71 0.00	27.76 0.76 0.00	28.83 1.11 0.00	28.99 0.43 0.00	33.61 0.10 0.00	36.29 0.00 0.00	35.62 -0.07 0.00	32.55 0.67 0.00	30.42 0.33 0.00	28.61 0.81 0.00	24.76 0.49 0.00	21.21 -0.02 -0.13
OSWEGATCHIE___HYD 24044	22.18 -0.20 0.00	20.53 -0.10 0.00	18.41 -0.15 0.00	17.74 -0.14 0.00	17.26 -0.12 0.00	18.29 -0.13 0.00	20.86 -0.13 -0.01	20.96 -0.02 0.00	22.59 -0.11 0.00	21.06 -0.25 0.00	21.35 -0.48 0.00	23.05 -0.57 0.00	23.93 -0.56 0.00	26.48 -0.67 -0.15	27.28 -0.64 -0.20	27.95 -0.74 -0.13	32.77 -0.80 -0.06	36.10 -0.73 -0.54	35.45 -0.61 -0.37	31.92 -0.35 -0.40	30.34 -0.24 -0.49	27.84 -0.39 -0.43	24.11 -0.24 -0.08	20.98 -0.15 -0.02
OSWEGO___5 23606	22.01 -0.38 0.00	20.22 -0.41 0.00	18.20 -0.35 0.00	17.54 -0.34 0.00	17.05 -0.33 0.00	18.07 -0.35 0.00	20.58 -0.42 -0.02	20.49 -0.50 -0.01	22.19 -0.52 0.00	20.85 -0.47 0.00	21.42 -0.42 0.00	23.24 -0.38 0.00	24.10 -0.39 0.00	28.36 -0.49 -1.84	29.75 -0.42 -2.44	29.56 -0.57 -1.56	33.54 -0.74 -0.77	42.15 -0.80 -6.66	39.44 -0.79 -4.53	36.22 -0.57 -4.92	35.57 -0.57 -6.05	32.64 -0.47 -5.31	24.87 -0.44 -1.04	20.74 -0.42 -0.05
OSWEGO___6 23613	22.01 -0.38 0.00	20.22 -0.41 0.00	18.20 -0.35 0.00	17.54 -0.34 0.00	17.05 -0.33 0.00	18.07 -0.35 0.00	20.58 -0.42 -0.02	20.49 -0.50 -0.01	22.19 -0.52 0.00	20.85 -0.47 0.00	21.42 -0.42 0.00	23.24 -0.38 0.00	24.10 -0.39 0.00	28.36 -0.49 -1.84	29.75 -0.42 -2.44	29.56 -0.57 -1.56	33.54 -0.74 -0.77	42.15 -0.80 -6.66	39.44 -0.79 -4.53	36.22 -0.57 -4.92	35.57 -0.57 -6.05	32.64 -0.47 -5.31	24.87 -0.44 -1.04	20.74 -0.42 -0.05
OUTOKUMPU-AB___DRP 24206	22.50 0.11 0.00	20.40 -0.23 0.00	18.35 -0.20 0.00	17.76 -0.13 0.00	17.31 -0.07 0.00	18.33 -0.09 0.00	20.55 -0.48 -0.05	20.38 -0.63 -0.03	22.07 -0.64 0.00	20.96 -0.36 0.00	22.10 0.26 0.00	24.07 0.45 0.00	24.93 0.44 0.00	27.46 0.46 0.00	27.50 -0.22 0.00	28.28 -0.29 0.00	32.81 -0.70 0.00	35.42 -0.87 0.00	34.76 -0.93 0.00	32.00 0.13 0.00	29.79 -0.30 0.00	27.14 -0.67 0.00	24.39 0.12 0.00	21.03 -0.19 -0.11
OXBOW___ 24026	22.28 -0.11 0.00	20.20 -0.43 0.00	18.22 -0.33 0.00	17.65 -0.23 0.00	17.13 -0.24 0.00	18.26 -0.17 0.00	20.40 -0.63 -0.05	20.17 -0.84 -0.02	21.82 -0.89 0.00	20.76 -0.55 0.00	21.88 0.04 0.00	23.81 0.19 0.00	24.64 0.15 0.00	27.17 0.16 0.00	28.28 0.55 0.00	28.22 -0.34 0.00	32.61 -0.90 0.00	35.16 -1.13 0.00	34.44 -1.25 0.00	31.65 -0.22 0.00	29.55 -0.54 0.00	28.00 0.20 0.00	24.25 -0.02 0.00	20.86 -0.36 -0.11
OXY_CHEM_DSASP 323612	21.94 -0.45 0.00	19.91 -0.72 0.00	17.91 -0.65 0.00	17.31 -0.57 0.00	16.87 -0.50 0.00	17.87 -0.55 0.00	20.15 -0.88 -0.05	19.83 -1.17 -0.02	21.46 -1.25 0.00	20.38 -0.94 0.00	21.53 -0.31 0.00	23.41 -0.21 0.00	24.20 -0.29 0.00	26.68 -0.32 0.00	26.64 -1.08 0.00	27.39 -1.17 0.00	31.74 -1.78 0.00	34.26 -2.03 0.00	33.62 -2.07 0.00	30.98 -0.89 0.00	28.86 -1.23 0.00	26.33 -1.47 0.00	23.74 -0.53 0.00	20.58 -0.63 -0.11
OZONE_PARK_ESR 323760	24.07 1.68 0.00	22.01 1.38 0.00	19.82 1.26 0.00	19.10 1.22 0.00	18.49 1.11 0.00	19.58 1.16 0.00	22.84 1.51 -0.35	22.96 1.80 -0.17	24.77 2.07 0.00	23.34 2.03 0.00	23.78 1.94 0.00	25.75 2.13 0.00	26.74 2.18 -0.07	29.60 2.40 -0.19	30.56 2.55 -0.29	31.67 2.77 -0.33	37.29 3.22 -0.56	40.15 3.48 -0.38	38.90 3.21 0.00	34.17 2.30 0.00	32.26 2.17 0.00	30.22 2.42 0.00	26.38 2.11 0.00	23.67 1.82 -0.75
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	21.94 -0.45 0.00	19.91 -0.72 0.00	17.91 -0.65 0.00	17.31 -0.57 0.00	16.87 -0.50 0.00	17.87 -0.55 0.00	20.15 -0.88 -0.05	19.83 -1.17 -0.02	21.46 -1.25 0.00	20.38 -0.94 0.00	21.53 -0.31 0.00	23.41 -0.21 0.00	24.20 -0.29 0.00	26.68 -0.32 0.00	26.64 -1.08 0.00	27.39 -1.17 0.00	31.74 -1.78 0.00	34.26 -2.03 0.00	33.62 -2.07 0.00	30.98 -0.89 0.00	28.86 -1.23 0.00	26.33 -1.47 0.00	23.74 -0.53 0.00	20.58 -0.63 -0.11
PACKARD___115KV_DUPONT_184 80571	21.94 -0.45 0.00	19.91 -0.72 0.00	17.91 -0.65 0.00	17.31 -0.57 0.00	16.87 -0.50 0.00	17.87 -0.55 0.00	20.15 -0.88 -0.05	19.83 -1.17 -0.02	21.46 -1.25 0.00	20.38 -0.94 0.00	21.53 -0.31 0.00	23.41 -0.21 0.00	24.20 -0.29 0.00	26.68 -0.32 0.00	26.64 -1.08 0.00	27.39 -1.17 0.00	31.74 -1.78 0.00	34.26 -2.03 0.00	33.62 -2.07 0.00	30.98 -0.89 0.00	28.86 -1.23 0.00	26.33 -1.47 0.00	23.74 -0.53 0.00	20.58 -0.63 -0.11
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	24.05 1.66 -0.01	22.00 1.36 -0.01	19.81 1.24 -0.01	19.09 1.20 -0.01	18.47 1.09 0.00	19.44 1.01 0.00	22.56 1.24 -0.35	22.81 1.66 -0.17	24.50 1.79 0.00	23.11 1.79 0.00	23.54 1.70 0.00	25.51 1.89 0.00	26.42 1.86 -0.07	29.39 2.19 -0.19	30.39 2.38 -0.29	31.45 2.54 -0.34	36.79 2.71 -0.56	39.83 3.16 -0.38	38.58 2.89 0.00	33.63 1.75 0.00	31.84 1.75 0.00	30.11 2.31 0.00	26.34 2.06 -0.01	23.66 1.79 -0.76

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	24.28 1.88 -0.01	22.19 1.55 -0.01	19.99 1.43 -0.01	19.36 1.47 -0.01	18.71 1.34 0.00	19.69 1.27 0.00	22.75 1.43 -0.35	23.00 1.85 -0.17	24.70 2.00 0.00	23.28 1.96 0.00	23.71 1.88 0.00	25.84 2.22 0.00	26.74 2.18 -0.07	29.60 2.40 -0.19	30.64 2.63 -0.29	31.68 2.77 -0.34	37.09 3.02 -0.56	40.15 3.48 -0.38	38.90 3.21 0.00	33.92 2.04 0.00	32.11 2.02 0.00	30.36 2.56 0.00	26.56 2.28 -0.01	23.87 2.01 -0.76
PATROON__115KV_TB1 80586	23.06 0.67 0.00	21.19 0.56 0.00	19.09 0.54 0.00	18.39 0.50 0.00	17.86 0.49 0.00	18.94 0.52 0.00	22.08 0.65 -0.45	21.96 0.76 -0.22	23.55 0.84 0.00	22.02 0.70 0.00	22.49 0.66 0.00	24.31 0.69 0.00	25.15 0.73 0.08	27.62 0.84 0.22	28.32 0.91 0.32	29.16 0.97 0.37	34.10 1.21 0.62	37.21 1.34 0.42	36.98 1.28 0.00	32.89 1.02 0.00	31.12 1.02 0.00	28.86 1.06 0.00	25.14 0.87 0.00	22.84 0.76 -0.97
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	22.72 0.34 0.00	20.61 -0.02 0.00	18.54 -0.02 0.00	17.90 0.02 0.00	17.46 0.09 0.00	18.51 0.09 0.00	20.32 -0.71 -0.05	20.67 -0.34 -0.03	22.39 -0.32 0.00	21.28 -0.04 0.00	22.40 0.57 0.00	24.40 0.78 0.00	25.32 0.83 0.00	27.89 0.89 0.00	28.05 0.33 0.00	28.88 0.31 0.00	33.58 0.07 0.00	36.25 -0.04 0.00	35.58 -0.11 0.00	32.64 0.76 0.00	30.33 0.24 0.00	27.67 -0.14 0.00	24.71 0.44 0.00	20.89 -0.34 -0.12
PAWLING_115_KV_BK3_REV_LBMP_H 345028	23.89 1.50 0.00	21.89 1.26 0.00	19.69 1.13 0.00	18.98 1.09 0.00	18.38 1.01 0.00	19.49 1.07 0.00	22.65 1.32 -0.35	22.71 1.55 -0.18	24.50 1.79 0.00	23.02 1.71 0.00	23.49 1.66 0.00	25.37 1.75 0.00	26.36 1.81 -0.06	29.17 2.00 -0.17	30.13 2.16 -0.25	31.16 2.31 -0.29	36.81 2.82 -0.48	39.70 3.08 -0.33	38.58 2.89 0.00	34.07 2.20 0.00	32.17 2.08 0.00	29.97 2.17 0.00	26.07 1.80 0.00	23.47 1.60 -0.76
PEEKSKILL____ 23653	23.71 1.32 0.00	21.72 1.09 0.00	19.54 0.98 0.00	18.83 0.95 0.00	18.26 0.89 0.00	19.34 0.92 0.00	22.52 1.20 -0.34	22.58 1.43 -0.17	24.34 1.64 0.00	22.90 1.58 0.00	23.36 1.53 0.00	25.25 1.63 0.00	26.22 1.67 -0.07	29.03 1.84 -0.19	29.75 1.75 -0.28	31.01 2.11 -0.33	36.61 2.55 -0.55	39.42 2.76 -0.37	38.26 2.57 0.00	33.72 1.85 0.00	31.87 1.78 0.00	29.50 1.70 0.00	25.87 1.60 0.00	23.30 1.46 -0.74
PGE MADISON__WINDPWR 24146	24.02 1.63 0.00	22.05 1.42 0.00	19.83 1.28 0.00	19.08 1.20 0.00	18.61 1.23 0.00	19.77 1.34 0.00	22.46 1.38 -0.10	22.52 1.49 -0.05	24.18 1.48 0.00	22.62 1.30 0.00	23.14 1.31 0.00	25.25 1.63 0.00	26.13 1.64 0.00	28.97 1.78 -0.18	29.90 1.94 -0.24	30.52 1.80 -0.15	35.83 2.25 -0.08	39.56 2.61 -0.66	38.96 2.82 -0.45	35.39 3.03 -0.48	33.64 2.95 -0.60	30.86 2.53 -0.52	26.22 1.84 -0.10	22.68 1.37 -0.21
PIERCEFIELD__HYD 23852	21.74 -0.65 0.00	20.18 -0.45 0.00	18.09 -0.46 0.00	17.47 -0.41 0.00	16.94 -0.43 0.00	18.00 -0.42 0.00	20.50 -0.48 0.00	20.67 -0.31 0.00	22.25 -0.45 0.00	20.72 -0.60 0.00	20.89 -0.94 0.00	22.39 -1.23 0.00	23.32 -1.18 0.00	25.73 -1.35 -0.08	26.55 -1.28 -0.10	27.26 -1.37 -0.06	32.00 -1.54 -0.03	35.00 -1.56 -0.28	34.42 -1.46 -0.19	30.84 -1.24 -0.20	29.23 -1.11 -0.25	26.86 -1.17 -0.22	23.51 -0.80 -0.04	20.60 -0.51 0.00
PINELAWN_CC_1 323563	32.08 2.28 -7.41	22.94 2.00 -0.31	21.73 1.73 -1.45	19.61 1.72 -0.01	19.02 1.63 -0.01	20.08 1.66 0.00	23.48 2.14 -0.36	25.71 2.39 -2.34	26.55 2.66 -1.19	23.54 2.22 0.00	26.01 2.36 -1.82	27.24 2.48 -1.14	27.10 2.52 -0.08	30.32 2.83 -0.49	31.44 2.77 -0.95	33.23 3.26 -1.41	38.00 3.92 -0.57	46.66 4.21 -6.16	46.52 4.00 -6.83	41.66 3.16 -6.63	43.78 3.01 -10.68	38.86 2.86 -8.19	34.07 2.67 -7.13	31.14 2.36 -7.67
PJM_GEN_HTP_PROXY 323702	23.84 1.45 0.00	21.83 1.20 0.00	19.63 1.08 0.00	18.94 1.05 0.00	18.35 0.97 0.00	19.42 0.99 0.00	22.65 1.32 -0.35	22.75 1.59 -0.17	24.54 1.84 0.00	23.09 1.77 0.00	23.56 1.72 0.00	25.49 1.87 0.00	26.47 1.91 -0.07	29.28 2.08 -0.19	29.95 1.94 -0.29	31.30 2.40 -0.34	36.89 2.82 -0.56	39.75 3.08 -0.38	38.51 2.82 0.00	33.85 1.98 0.00	31.96 1.87 0.00	29.67 1.86 0.00	26.07 1.80 0.00	23.46 1.60 -0.75
PJM_GEN_KEystone 24065	22.99 0.60 0.00	20.98 0.35 0.00	18.89 0.33 0.00	18.22 0.34 0.00	17.72 0.35 0.00	18.77 0.35 0.00	21.44 0.25 -0.21	21.50 0.42 -0.10	23.21 0.50 0.00	21.96 0.64 0.00	22.66 0.83 0.00	24.57 0.95 0.00	25.48 0.95 -0.03	28.13 1.03 -0.10	29.01 1.14 -0.15	29.76 1.03 -0.17	34.87 1.07 -0.29	37.61 1.13 -0.20	36.69 1.00 0.00	32.80 0.92 0.00	30.81 0.72 0.00	28.69 0.89 0.00	25.05 0.78 0.00	22.09 0.53 -0.45
PJM_GEN_NEPTUNE_PROXY 323594	31.60 1.81 -7.41	22.50 1.57 -0.31	21.36 1.35 -1.45	19.27 1.38 -0.01	18.67 1.29 -0.01	19.73 1.31 0.00	23.02 1.68 -0.36	25.24 1.93 -2.33	26.05 2.16 -1.19	23.20 1.88 0.00	25.58 1.92 -1.82	26.80 2.03 -1.14	26.68 2.11 -0.08	29.78 2.29 -0.49	30.86 2.19 -0.95	32.60 2.63 -1.41	37.23 3.15 -0.57	45.83 3.38 -6.16	45.70 3.18 -6.83	40.90 2.39 -6.63	43.06 2.29 -10.68	38.22 2.23 -8.19	33.42 2.14 -7.02	30.67 1.90 -7.67
PJM_GEN_VFT_PROXY 323633	23.73 1.34 0.00	21.70 1.07 0.00	19.54 0.98 0.00	18.85 0.97 0.00	18.26 0.89 0.00	19.34 0.92 0.00	22.54 1.22 -0.35	22.66 1.51 -0.17	24.45 1.75 0.00	23.03 1.71 0.00	23.47 1.64 0.00	25.42 1.79 0.00	26.40 1.84 -0.07	29.17 1.97 -0.19	29.79 1.78 -0.29	31.16 2.26 -0.34	36.69 2.62 -0.56	39.53 2.87 -0.38	38.30 2.60 0.00	33.63 1.75 0.00	31.78 1.68 0.00	29.53 1.72 0.00	25.97 1.70 0.00	23.38 1.52 -0.75
PLATSBRG_115KV_PMLD1 355749	22.81 0.43 0.00	21.12 0.50 0.00	18.95 0.39 0.00	18.22 0.34 0.00	17.67 0.30 0.00	18.77 0.35 0.00	21.46 0.48 0.00	21.57 0.59 0.00	23.27 0.57 0.00	21.81 0.49 0.00	22.25 0.41 0.00	23.83 0.21 0.00	24.83 0.34 0.00	27.49 0.49 0.00	28.30 0.58 0.00	29.14 0.57 0.00	34.25 0.74 0.00	37.20 0.91 0.00	36.66 0.96 0.00	32.80 0.92 0.00	30.97 0.87 0.00	28.36 0.56 0.00	24.54 0.27 0.00	21.36 0.25 0.00
PLEASANTVLY__LBMP 24000	23.62 1.23 0.00	21.66 1.03 0.00	19.50 0.95 0.00	18.80 0.91 0.00	18.23 0.85 0.00	19.32 0.90 0.00	22.50 1.15 -0.36	22.48 1.32 -0.18	24.18 1.48 0.00	22.73 1.41 0.00	23.19 1.35 0.00	25.04 1.42 0.00	26.01 1.44 -0.08	28.82 1.59 -0.22	29.77 1.72 -0.33	30.80 1.86 -0.38	36.37 2.21 -0.64	39.12 2.40 -0.44	37.90 2.21 0.00	33.50 1.63 0.00	31.66 1.56 0.00	29.50 1.70 0.00	25.73 1.46 0.00	23.23 1.33 -0.79
PLSNTVLE_13_KV_13.8KVDIST 80602	23.80 1.41 0.00	21.79 1.16 0.00	19.61 1.06 0.00	18.90 1.02 0.00	18.31 0.94 0.00	19.42 0.99 0.00	22.61 1.28 -0.35	22.69 1.53 -0.17	24.45 1.75 0.00	22.98 1.66 0.00	23.45 1.62 0.00	25.35 1.72 0.00	26.35 1.79 -0.07	29.17 1.97 -0.20	30.12 2.11 -0.29	31.19 2.29 -0.34	36.76 2.68 -0.57	39.58 2.90 -0.38	38.37 2.68 0.00	33.85 1.98 0.00	31.96 1.87 0.00	29.81 2.00 0.00	25.99 1.72 0.00	23.40 1.54 -0.76

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	23.80 1.41 0.00	21.79 1.16 0.00	19.61 1.06 0.00	18.90 1.02 0.00	18.31 0.94 0.00	19.42 0.99 0.00	22.61 1.28 -0.35	22.69 1.53 -0.17	24.45 1.75 0.00	22.98 1.66 0.00	23.45 1.62 0.00	25.35 1.72 0.00	26.35 1.79 -0.07	29.17 1.97 -0.20	30.12 2.11 -0.29	31.19 2.29 -0.34	36.76 2.68 -0.57	39.58 2.90 -0.38	38.37 2.68 0.00	33.85 1.98 0.00	31.96 1.87 0.00	29.81 2.00 0.00	25.99 1.72 0.00	23.40 1.54 -0.76
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.77 1.39 0.00	21.79 1.16 0.00	19.59 1.04 0.00	18.87 0.98 0.00	18.31 0.94 0.00	19.42 0.99 0.00	22.60 1.26 -0.36	22.54 1.38 -0.18	24.30 1.59 0.00	22.81 1.49 0.00	23.27 1.44 0.00	25.13 1.51 0.00	25.99 1.52 0.02	28.65 1.70 0.06	29.50 1.86 0.08	30.44 1.97 0.10	35.76 2.41 0.17	38.83 2.65 0.11	38.19 2.50 0.00	33.76 1.88 0.00	31.90 1.81 0.00	29.72 1.92 0.00	25.87 1.60 0.00	23.31 1.44 -0.77
POLETTI____ 23519	23.82 1.43 0.00	21.81 1.18 0.00	19.63 1.08 0.00	18.94 1.06 0.00	18.33 0.96 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.75 1.59 -0.17	24.55 1.84 0.00	23.11 1.79 0.00	23.54 1.70 0.00	25.46 1.84 0.00	26.44 1.89 -0.07	29.25 2.05 -0.19	30.23 2.22 -0.29	31.30 2.40 -0.33	36.86 2.78 -0.56	39.68 3.01 -0.38	38.44 2.75 0.00	33.76 1.88 0.00	31.90 1.81 0.00	29.89 2.09 0.00	26.09 1.82 0.00	23.46 1.60 -0.75
POMONA____ESR 323819	23.68 1.30 0.00	21.68 1.05 0.00	19.52 0.96 0.00	18.81 0.93 0.00	18.26 0.89 0.00	19.34 0.92 0.00	22.48 1.17 -0.33	22.53 1.38 -0.16	24.30 1.59 0.00	22.87 1.56 0.00	23.34 1.51 0.00	25.25 1.63 0.00	26.22 1.67 -0.06	28.99 1.81 -0.18	29.73 1.75 -0.26	30.98 2.11 -0.30	36.57 2.55 -0.51	39.39 2.76 -0.35	38.26 2.57 0.00	33.72 1.85 0.00	31.84 1.74 0.00	29.47 1.67 0.00	25.83 1.55 0.00	23.26 1.44 -0.72
PORT_JEFF_3 23555	32.37 2.57 -7.41	23.23 2.29 -0.31	21.98 1.97 -1.46	19.84 1.95 -0.01	19.24 1.86 -0.01	20.30 1.88 0.00	23.77 2.43 -0.36	26.03 2.71 -2.34	26.87 2.97 -1.19	23.54 2.22 0.00	26.06 2.40 -1.82	27.29 2.53 -1.14	27.05 2.47 -0.08	30.30 2.81 -0.49	31.50 2.83 -0.95	33.43 3.45 -1.41	38.18 4.09 -0.58	46.84 4.39 -6.16	46.70 4.17 -6.83	41.87 3.35 -6.65	44.01 3.22 -10.69	39.14 3.09 -8.25	35.92 2.89 -8.76	31.35 2.57 -7.67
PORT_JEFF_4 23616	32.37 2.57 -7.41	23.23 2.29 -0.31	21.98 1.97 -1.46	19.84 1.95 -0.01	19.24 1.86 -0.01	20.30 1.88 0.00	23.77 2.43 -0.36	26.03 2.71 -2.34	26.87 2.97 -1.19	23.54 2.22 0.00	26.06 2.40 -1.82	27.29 2.53 -1.14	27.05 2.47 -0.08	30.30 2.81 -0.49	31.50 2.83 -0.95	33.43 3.45 -1.41	38.18 4.09 -0.58	46.84 4.39 -6.16	46.70 4.17 -6.83	41.87 3.35 -6.65	44.01 3.22 -10.69	39.14 3.09 -8.25	35.92 2.89 -8.76	31.35 2.57 -7.67
PORT_JEFF_IC 23713	32.41 2.62 -7.41	23.27 2.33 -0.31	22.00 1.99 -1.46	19.86 1.97 -0.01	19.26 1.88 -0.01	20.32 1.90 0.00	23.80 2.45 -0.36	26.05 2.73 -2.34	26.89 3.00 -1.19	23.58 2.26 0.00	26.10 2.44 -1.82	27.32 2.55 -1.14	27.10 2.52 -0.08	30.35 2.86 -0.49	31.55 2.88 -0.95	33.49 3.51 -1.41	38.29 4.19 -0.59	46.95 4.50 -6.16	46.80 4.28 -6.83	41.94 3.41 -6.66	44.10 3.31 -10.70	39.23 3.17 -8.26	36.25 2.96 -9.02	31.39 2.62 -7.67
PPL PILGRIM_ST_GT1 24216	32.37 2.57 -7.41	23.23 2.29 -0.31	21.99 1.99 -1.45	19.86 1.97 -0.01	19.26 1.88 -0.01	20.32 1.90 0.00	23.77 2.43 -0.36	26.00 2.69 -2.34	26.84 2.95 -1.19	23.71 2.39 0.00	26.23 2.58 -1.82	27.48 2.72 -1.14	27.32 2.74 -0.08	30.57 3.08 -0.49	31.75 3.08 -0.95	33.60 3.63 -1.41	38.37 4.29 -0.57	47.02 4.57 -6.16	46.84 4.32 -6.83	42.01 3.51 -6.63	44.14 3.37 -10.68	39.12 3.11 -8.20	34.51 2.86 -7.37	31.39 2.62 -7.67
PPL PILGRIM_ST_GT2 24217	32.37 2.57 -7.41	23.23 2.29 -0.31	21.99 1.99 -1.45	19.86 1.97 -0.01	19.26 1.88 -0.01	20.32 1.90 0.00	23.77 2.43 -0.36	26.00 2.69 -2.34	26.84 2.95 -1.19	23.71 2.39 0.00	26.23 2.58 -1.82	27.48 2.72 -1.14	27.32 2.74 -0.08	30.57 3.08 -0.49	31.75 3.08 -0.95	33.60 3.63 -1.41	38.37 4.29 -0.57	47.02 4.57 -6.16	46.84 4.32 -6.83	42.01 3.51 -6.63	44.14 3.37 -10.68	39.12 3.11 -8.20	34.51 2.86 -7.37	31.39 2.62 -7.67
PPL_SHRM_GT3 24213	32.48 2.69 -7.41	23.43 2.50 -0.31	22.17 2.15 -1.46	20.00 2.11 -0.01	19.40 2.01 -0.01	20.47 2.04 0.00	24.01 2.66 -0.36	26.26 2.94 -2.34	27.07 3.18 -1.19	23.26 1.94 0.00	25.79 2.14 -1.82	27.05 2.29 -1.14	26.73 2.16 -0.08	29.89 2.40 -0.49	31.11 2.44 -0.95	33.17 3.20 -1.41	37.95 3.85 -0.59	46.59 4.14 -6.16	46.48 3.96 -6.83	41.65 3.13 -6.65	43.97 3.19 -10.69	39.22 3.17 -8.25	36.12 3.06 -8.80	31.33 2.55 -7.67
PPL_SHRM_GT4 24214	32.48 2.69 -7.41	23.43 2.50 -0.31	22.17 2.15 -1.46	20.00 2.11 -0.01	19.40 2.01 -0.01	20.47 2.04 0.00	24.01 2.66 -0.36	26.26 2.94 -2.34	27.07 3.18 -1.19	23.26 1.94 0.00	25.79 2.14 -1.82	27.05 2.29 -1.14	26.73 2.16 -0.08	29.89 2.40 -0.49	31.11 2.44 -0.95	33.17 3.20 -1.41	37.95 3.85 -0.59	46.59 4.14 -6.16	46.48 3.96 -6.83	41.65 3.13 -6.65	43.97 3.19 -10.69	39.22 3.17 -8.25	36.12 3.06 -8.80	31.33 2.55 -7.67
PROJECT____ORANGE 1 24174	22.30 -0.09 0.00	20.46 -0.17 0.00	18.41 -0.15 0.00	17.74 -0.14 0.00	17.25 -0.12 0.00	18.29 -0.13 0.00	20.84 -0.17 -0.03	20.76 -0.23 -0.01	22.48 -0.23 0.00	21.15 -0.17 0.00	21.77 -0.07 0.00	23.67 0.05 0.00	24.52 0.02 0.00	27.16 -0.08 -0.24	27.90 -0.14 -0.32	28.60 -0.17 -0.20	33.38 -0.23 -0.10	36.82 -0.33 -0.86	35.99 -0.29 -0.59	32.42 -0.10 -0.64	30.76 -0.12 -0.78	28.27 -0.22 -0.69	24.31 -0.10 -0.13	21.04 -0.13 -0.06
PROJECT____ORANGE 2 24166	22.30 -0.09 0.00	20.46 -0.17 0.00	18.41 -0.15 0.00	17.74 -0.14 0.00	17.25 -0.12 0.00	18.29 -0.13 0.00	20.84 -0.17 -0.03	20.76 -0.23 -0.01	22.48 -0.23 0.00	21.15 -0.17 0.00	21.77 -0.07 0.00	23.67 0.05 0.00	24.52 0.02 0.00	27.16 -0.08 -0.24	27.90 -0.14 -0.32	28.60 -0.17 -0.20	33.38 -0.23 -0.10	36.82 -0.33 -0.86	35.99 -0.29 -0.59	32.42 -0.10 -0.64	30.76 -0.12 -0.78	28.27 -0.22 -0.69	24.31 -0.10 -0.13	21.04 -0.13 -0.06
PUCKETT____SOLAR 323809	23.06 0.67 0.00	21.12 0.49 0.00	19.00 0.44 0.00	18.30 0.41 0.00	17.81 0.43 0.00	18.90 0.48 0.00	21.50 0.42 -0.10	21.52 0.48 -0.05	23.16 0.45 0.00	21.75 0.43 0.00	22.34 0.50 0.00	24.23 0.61 0.00	25.13 0.64 0.00	27.84 0.68 -0.17	28.72 0.78 -0.22	29.39 0.68 -0.14	34.38 0.80 -0.07	37.83 0.94 -0.60	37.17 1.07 -0.41	33.56 1.24 -0.44	31.75 1.11 -0.54	29.34 1.06 -0.48	25.16 0.80 -0.09	21.88 0.55 -0.23
PYRITES____HYD 24023	22.03 -0.36 0.00	20.46 -0.17 0.00	18.33 -0.22 0.00	17.72 -0.16 0.00	17.20 -0.17 0.00	18.27 -0.15 0.00	20.79 -0.19 0.00	20.92 -0.06 0.00	22.52 -0.18 0.00	21.00 -0.32 0.00	21.22 -0.61 0.00	22.87 -0.76 0.00	23.78 -0.71 0.00	26.18 -0.89 -0.07	27.04 -0.78 -0.09	27.74 -0.89 -0.06	32.57 -0.97 -0.03	35.64 -0.91 -0.25	35.01 -0.86 -0.17	31.43 -0.64 -0.19	29.81 -0.51 -0.23	27.37 -0.64 -0.20	23.82 -0.49 -0.04	20.81 -0.30 0.00

QUAKERRD_115KV_BK1 80622	21.96 -0.43 0.00	20.05 -0.58 0.00	18.04 -0.52 0.00	17.40 -0.48 0.00	16.92 -0.45 0.00	17.94 -0.48 0.00	20.47 -0.55 -0.04	20.26 -0.73 -0.02	21.96 -0.75 0.00	20.74 -0.58 0.00	21.59 -0.24 0.00	23.46 -0.17 0.00	24.27 -0.22 0.00	26.76 -0.24 0.00	27.14 -0.58 0.00	27.91 -0.66 0.00	32.57 -0.94 0.00	35.24 -1.05 0.00	34.69 -1.00 0.00	31.49 -0.38 0.00	29.58 -0.51 0.00	27.00 -0.81 0.00	23.91 -0.36 0.00	20.79 -0.40 -0.08
QUENSBRY_115KV_TB8 356137	24.07 1.68 0.00	22.07 1.44 0.00	19.87 1.32 0.00	19.08 1.20 0.00	18.56 1.18 0.00	19.71 1.29 0.00	23.06 1.62 -0.46	22.97 1.76 -0.23	24.66 1.95 0.00	23.02 1.71 0.00	23.51 1.68 0.00	25.42 1.80 0.00	26.22 1.81 0.08	28.80 2.03 0.23	29.57 2.19 0.34	30.40 2.23 0.40	35.60 2.75 0.66	38.92 3.08 0.45	38.76 3.07 0.00	34.71 2.84 0.00	32.98 2.89 0.00	30.45 2.64 0.00	26.46 2.18 0.00	23.88 1.77 -1.00
RAMAPO___LBMP 323565	23.62 1.23 0.00	21.64 1.01 0.00	19.46 0.91 0.00	18.76 0.88 0.00	18.19 0.82 0.00	19.29 0.87 0.00	22.42 1.11 -0.33	22.47 1.32 -0.16	24.21 1.50 0.00	22.79 1.47 0.00	23.25 1.42 0.00	25.13 1.51 0.00	26.12 1.57 -0.06	28.88 1.70 -0.18	29.84 1.86 -0.26	30.89 2.03 -0.30	36.40 2.38 -0.51	39.21 2.58 -0.34	38.08 2.39 0.00	33.60 1.72 0.00	31.69 1.59 0.00	29.56 1.75 0.00	25.75 1.48 0.00	23.17 1.35 -0.71
RANKINE____ 23646	22.74 0.36 0.00	20.63 0.00 0.00	18.56 0.00 0.00	17.92 0.04 0.00	17.48 0.10 0.00	18.51 0.09 0.00	20.63 -0.40 -0.05	20.67 -0.34 -0.03	22.37 -0.34 0.00	21.25 -0.06 0.00	22.38 0.55 0.00	24.40 0.78 0.00	25.27 0.78 0.00	27.84 0.84 0.00	27.94 0.22 0.00	28.74 0.17 0.00	33.34 -0.17 0.00	36.00 -0.29 0.00	35.34 -0.36 0.00	32.48 0.61 0.00	30.21 0.12 0.00	27.55 -0.25 0.00	24.68 0.41 0.00	21.16 -0.06 -0.12
RAVENSWOOD_GT2_1 24244	23.89 1.50 0.00	21.85 1.22 0.00	19.67 1.11 0.00	18.96 1.07 0.00	18.37 0.99 0.00	19.44 1.01 0.00	22.67 1.34 -0.35	22.79 1.64 -0.17	24.57 1.86 0.00	23.13 1.81 0.00	23.58 1.75 0.00	25.51 1.89 0.00	26.49 1.93 -0.07	29.33 2.13 -0.19	30.28 2.27 -0.29	31.36 2.46 -0.33	36.92 2.85 -0.56	39.75 3.08 -0.38	38.51 2.82 0.00	33.85 1.98 0.00	31.96 1.87 0.00	29.95 2.14 0.00	26.14 1.87 0.00	23.50 1.65 -0.75
RAVENSWOOD_GT2_2 24245	23.89 1.50 0.00	21.85 1.22 0.00	19.67 1.11 0.00	18.96 1.07 0.00	18.37 0.99 0.00	19.44 1.01 0.00	22.67 1.34 -0.35	22.79 1.64 -0.17	24.57 1.86 0.00	23.13 1.81 0.00	23.58 1.75 0.00	25.51 1.89 0.00	26.49 1.93 -0.07	29.33 2.13 -0.19	30.28 2.27 -0.29	31.36 2.46 -0.33	36.92 2.85 -0.56	39.75 3.08 -0.38	38.51 2.82 0.00	33.85 1.98 0.00	31.96 1.87 0.00	29.95 2.14 0.00	26.14 1.87 0.00	23.50 1.65 -0.75
RAVENSWOOD_GT2_3 24246	23.89 1.50 0.00	21.85 1.22 0.00	19.69 1.13 0.00	18.98 1.09 0.00	18.37 0.99 0.00	19.45 1.03 0.00	22.67 1.34 -0.35	22.79 1.64 -0.17	24.59 1.88 0.00	23.15 1.83 0.00	23.58 1.75 0.00	25.53 1.91 0.00	26.52 1.96 -0.07	29.33 2.13 -0.19	30.31 2.30 -0.29	31.38 2.49 -0.33	36.92 2.85 -0.56	39.79 3.12 -0.38	38.55 2.86 0.00	33.85 1.98 0.00	31.99 1.90 0.00	29.95 2.14 0.00	26.14 1.87 0.00	23.50 1.65 -0.75
RAVENSWOOD_GT2_4 24247	23.89 1.50 0.00	21.85 1.22 0.00	19.69 1.13 0.00	18.98 1.09 0.00	18.37 0.99 0.00	19.45 1.03 0.00	22.67 1.34 -0.35	22.79 1.64 -0.17	24.59 1.88 0.00	23.15 1.83 0.00	23.58 1.75 0.00	25.53 1.91 0.00	26.52 1.96 -0.07	29.33 2.13 -0.19	30.31 2.30 -0.29	31.38 2.49 -0.33	36.92 2.85 -0.56	39.79 3.12 -0.38	38.55 2.86 0.00	33.85 1.98 0.00	31.99 1.90 0.00	29.95 2.14 0.00	26.14 1.87 0.00	23.50 1.65 -0.75
RAVENSWOOD_GT3_1 24248	23.89 1.50 0.00	21.85 1.22 0.00	19.67 1.11 0.00	18.96 1.07 0.00	18.37 0.99 0.00	19.45 1.03 0.00	22.67 1.34 -0.35	22.79 1.64 -0.17	24.57 1.86 0.00	23.13 1.81 0.00	23.58 1.75 0.00	25.51 1.89 0.00	26.49 1.93 -0.07	29.33 2.13 -0.19	30.28 2.27 -0.29	31.36 2.46 -0.33	36.92 2.85 -0.56	39.79 3.12 -0.38	38.55 2.86 0.00	33.85 1.98 0.00	31.96 1.87 0.00	29.95 2.14 0.00	26.14 1.87 0.00	23.50 1.65 -0.75
RAVENSWOOD_GT3_2 24249	23.89 1.50 0.00	21.85 1.22 0.00	19.67 1.11 0.00	18.96 1.07 0.00	18.37 0.99 0.00	19.45 1.03 0.00	22.67 1.34 -0.35	22.79 1.64 -0.17	24.57 1.86 0.00	23.13 1.81 0.00	23.58 1.75 0.00	25.51 1.89 0.00	26.49 1.93 -0.07	29.33 2.13 -0.19	30.28 2.27 -0.29	31.36 2.46 -0.33	36.92 2.85 -0.56	39.79 3.12 -0.38	38.55 2.86 0.00	33.85 1.98 0.00	31.96 1.87 0.00	29.95 2.14 0.00	26.14 1.87 0.00	23.50 1.65 -0.75
RAVENSWOOD_GT3_3 24250	23.91 1.52 0.00	21.87 1.24 0.00	19.71 1.15 0.00	18.99 1.11 0.00	18.38 1.01 0.00	19.47 1.05 0.00	22.69 1.36 -0.35	22.81 1.66 -0.17	24.61 1.91 0.00	23.17 1.85 0.00	23.62 1.79 0.00	25.56 1.94 0.00	26.54 1.98 -0.07	29.36 2.16 -0.19	30.34 2.33 -0.29	31.41 2.51 -0.33	36.99 2.92 -0.56	39.83 3.16 -0.38	38.58 2.89 0.00	33.92 2.04 0.00	32.02 1.93 0.00	29.97 2.17 0.00	26.16 1.89 0.00	23.52 1.67 -0.75
RAVENSWOOD_GT3_4 24251	23.91 1.52 0.00	21.87 1.24 0.00	19.71 1.15 0.00	18.99 1.11 0.00	18.38 1.01 0.00	19.47 1.05 0.00	22.69 1.36 -0.35	22.81 1.66 -0.17	24.61 1.91 0.00	23.17 1.85 0.00	23.62 1.79 0.00	25.56 1.94 0.00	26.54 1.98 -0.07	29.36 2.16 -0.19	30.34 2.33 -0.29	31.41 2.51 -0.33	36.99 2.92 -0.56	39.83 3.16 -0.38	38.58 2.89 0.00	33.92 2.04 0.00	32.02 1.93 0.00	29.97 2.17 0.00	26.16 1.89 0.00	23.52 1.67 -0.75
RAVENSWOOD_GT_1 23729	23.98 1.59 0.00	21.91 1.28 0.00	19.73 1.17 0.00	19.03 1.15 0.00	18.40 1.02 0.00	19.43 1.01 0.00	22.65 1.32 -0.35	22.85 1.70 -0.17	24.61 1.91 0.00	23.20 1.88 0.00	23.64 1.81 0.00	25.61 1.98 0.00	26.57 2.01 -0.07	29.44 2.24 -0.19	30.12 2.11 -0.29	31.48 2.57 -0.34	36.99 2.91 -0.56	39.90 3.23 -0.38	38.65 2.96 0.00	33.82 1.94 0.00	31.99 1.90 0.00	29.78 1.97 0.00	26.24 1.97 0.00	23.59 1.73 -0.75
RAVENSWOOD_GT_10 24258	23.89 1.50 0.00	21.85 1.22 0.00	19.67 1.11 0.00	18.96 1.07 0.00	18.37 0.99 0.00	19.45 1.03 0.00	22.67 1.34 -0.35	22.79 1.64 -0.17	24.57 1.86 0.00	23.13 1.81 0.00	23.58 1.75 0.00	25.51 1.89 0.00	26.49 1.93 -0.07	29.31 2.11 -0.19	30.28 2.27 -0.29	31.35 2.46 -0.33	36.92 2.85 -0.56	39.75 3.08 -0.38	38.51 2.82 0.00	33.85 1.98 0.00	31.96 1.87 0.00	29.95 2.14 0.00	26.14 1.87 0.00	23.50 1.65 -0.75
RAVENSWOOD_GT_11 24259	23.89 1.50 0.00	21.85 1.22 0.00	19.65 1.09 0.00	18.96 1.07 0.00	18.37 0.99 0.00	19.43 1.01 0.00	22.67 1.34 -0.35	22.79 1.64 -0.17	24.57 1.86 0.00	23.13 1.81 0.00	23.58 1.75 0.00	25.51 1.89 0.00	26.49 1.93 -0.07	29.31 2.11 -0.19	29.98 1.97 -0.29	31.32 2.43 -0.33	36.92 2.85 -0.56	39.75 3.08 -0.38	38.55 2.86 0.00	33.85 1.98 0.00	31.99 1.90 0.00	29.70 1.89 0.00	26.11 1.84 0.00	23.50 1.65 -0.75

RAVENSWOOD_GT_4 24252	23.86 1.48 0.00	21.85 1.22 0.00	19.67 1.11 0.00	18.96 1.07 0.00	18.37 0.99 0.00	19.45 1.03 0.00	22.67 1.34 -0.35	22.77 1.62 -0.17	24.57 1.86 0.00	23.13 1.81 0.00	23.58 1.75 0.00	25.51 1.89 0.00	26.49 1.93 -0.07	29.31 2.11 -0.19	30.26 2.25 -0.29	31.32 2.43 -0.33	36.92 2.85 -0.56	39.75 3.08 -0.38	38.51 2.82 0.00	33.85 1.98 0.00	31.99 1.90 0.00	29.92 2.11 0.00	26.12 1.84 0.00	23.48 1.63 -0.75
RAVENSWOOD_GT_5 24254	23.86 1.48 0.00	21.85 1.22 0.00	19.67 1.11 0.00	18.96 1.07 0.00	18.37 0.99 0.00	19.45 1.03 0.00	22.67 1.34 -0.35	22.77 1.62 -0.17	24.57 1.86 0.00	23.13 1.81 0.00	23.58 1.75 0.00	25.51 1.89 0.00	26.49 1.93 -0.07	29.31 2.11 -0.19	30.26 2.25 -0.29	31.32 2.43 -0.33	36.92 2.85 -0.56	39.75 3.08 -0.38	38.51 2.82 0.00	33.85 1.98 0.00	31.99 1.90 0.00	29.92 2.11 0.00	26.12 1.84 0.00	23.48 1.63 -0.75
RAVENSWOOD_GT_6 24253	23.86 1.48 0.00	21.85 1.22 0.00	19.67 1.11 0.00	18.96 1.07 0.00	18.37 0.99 0.00	19.45 1.03 0.00	22.67 1.34 -0.35	22.77 1.62 -0.17	24.57 1.86 0.00	23.13 1.81 0.00	23.58 1.75 0.00	25.51 1.89 0.00	26.49 1.93 -0.07	29.31 2.11 -0.19	30.26 2.25 -0.29	31.32 2.43 -0.33	36.92 2.85 -0.56	39.75 3.08 -0.38	38.51 2.82 0.00	33.85 1.98 0.00	31.99 1.90 0.00	29.92 2.11 0.00	26.12 1.84 0.00	23.48 1.63 -0.75
RAVENSWOOD_GT_7 24255	23.86 1.48 0.00	21.85 1.22 0.00	19.67 1.11 0.00	18.96 1.07 0.00	18.37 0.99 0.00	19.45 1.03 0.00	22.67 1.34 -0.35	22.77 1.62 -0.17	24.57 1.86 0.00	23.13 1.81 0.00	23.58 1.75 0.00	25.51 1.89 0.00	26.49 1.93 -0.07	29.31 2.11 -0.19	30.26 2.25 -0.29	31.32 2.43 -0.33	36.92 2.85 -0.56	39.75 3.08 -0.38	38.51 2.82 0.00	33.85 1.98 0.00	31.99 1.90 0.00	29.92 2.11 0.00	26.12 1.84 0.00	23.48 1.63 -0.75
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	23.89 1.50 0.00	21.85 1.22 0.00	19.67 1.11 0.00	18.96 1.07 0.00	18.37 0.99 0.00	19.45 1.03 0.00	22.67 1.34 -0.35	22.79 1.64 -0.17	24.57 1.86 0.00	23.13 1.81 0.00	23.58 1.75 0.00	25.51 1.89 0.00	26.49 1.93 -0.07	29.31 2.11 -0.19	30.28 2.27 -0.29	31.35 2.46 -0.33	36.92 2.85 -0.56	39.75 3.08 -0.38	38.51 2.82 0.00	33.85 1.98 0.00	31.96 1.87 0.00	29.95 2.14 0.00	26.14 1.87 0.00	23.50 1.65 -0.75
RAVENSWOOD_GT_9 24257	23.89 1.50 0.00	21.85 1.22 0.00	19.67 1.11 0.00	18.96 1.07 0.00	18.37 0.99 0.00	19.45 1.03 0.00	22.67 1.34 -0.35	22.79 1.64 -0.17	24.57 1.86 0.00	23.13 1.81 0.00	23.58 1.75 0.00	25.51 1.89 0.00	26.49 1.93 -0.07	29.31 2.11 -0.19	30.28 2.27 -0.29	31.35 2.46 -0.33	36.92 2.85 -0.56	39.75 3.08 -0.38	38.51 2.82 0.00	33.85 1.98 0.00	31.96 1.87 0.00	29.95 2.14 0.00	26.14 1.87 0.00	23.50 1.65 -0.75
RAVENSWOOD___1 23533	23.95 1.57 0.00	21.91 1.28 0.00	19.71 1.15 0.00	19.01 1.13 0.00	18.40 1.02 0.00	19.43 1.01 0.00	22.65 1.32 -0.35	22.83 1.68 -0.17	24.61 1.91 0.00	23.17 1.85 0.00	23.62 1.79 0.00	25.58 1.96 0.00	26.54 1.98 -0.07	29.41 2.21 -0.19	30.09 2.08 -0.29	31.45 2.54 -0.34	36.96 2.88 -0.56	39.86 3.19 -0.38	38.62 2.93 0.00	33.82 1.94 0.00	31.99 1.90 0.00	29.75 1.95 0.00	26.21 1.94 0.00	23.57 1.71 -0.75
RAVENSWOOD___2 23534	23.95 1.57 0.00	21.89 1.26 0.00	19.71 1.15 0.00	19.01 1.13 0.00	18.38 1.01 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.81 1.66 -0.17	24.59 1.88 0.00	23.17 1.85 0.00	23.60 1.77 0.00	25.58 1.96 0.00	26.54 1.98 -0.07	29.39 2.19 -0.19	30.06 2.05 -0.29	31.45 2.54 -0.34	36.96 2.88 -0.56	39.86 3.19 -0.38	38.62 2.93 0.00	33.79 1.91 0.00	31.96 1.87 0.00	29.75 1.95 0.00	26.21 1.94 0.00	23.57 1.71 -0.75
RAVENSWOOD___3 23535	23.89 1.50 0.00	21.85 1.22 0.00	19.65 1.09 0.00	18.96 1.07 0.00	18.37 0.99 0.00	19.43 1.01 0.00	22.67 1.34 -0.35	22.79 1.64 -0.17	24.57 1.86 0.00	23.13 1.81 0.00	23.58 1.75 0.00	25.51 1.89 0.00	26.49 1.93 -0.07	29.33 2.13 -0.19	30.01 2.00 -0.29	31.33 2.43 -0.34	36.92 2.85 -0.56	39.79 3.12 -0.38	38.55 2.86 0.00	33.85 1.98 0.00	31.99 1.90 0.00	29.70 1.89 0.00	26.11 1.84 0.00	23.50 1.65 -0.75
RAVENSWOOD___4 23820	23.95 1.57 0.00	21.89 1.26 0.00	19.71 1.15 0.00	18.99 1.11 0.00	18.38 1.01 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.81 1.66 -0.17	24.59 1.88 0.00	23.17 1.85 0.00	23.60 1.77 0.00	25.56 1.94 0.00	26.54 1.98 -0.07	29.39 2.19 -0.19	30.06 2.05 -0.29	31.45 2.54 -0.34	36.92 2.85 -0.56	39.86 3.19 -0.38	38.62 2.93 0.00	33.79 1.91 0.00	31.96 1.87 0.00	29.75 1.95 0.00	26.19 1.92 0.00	23.55 1.69 -0.75
RCPL_TRUST___DRP 24196	23.86 1.48 0.00	21.85 1.22 0.00	19.67 1.11 0.00	18.98 1.09 0.00	18.37 0.99 0.00	19.47 1.05 0.00	22.69 1.36 -0.35	22.79 1.64 -0.17	24.59 1.88 0.00	23.15 1.83 0.00	23.60 1.77 0.00	25.53 1.91 0.00	26.54 1.98 -0.07	29.36 2.16 -0.19	30.31 2.30 -0.29	31.38 2.49 -0.33	36.99 2.92 -0.56	39.83 3.16 -0.38	38.58 2.89 0.00	33.92 2.04 0.00	31.99 1.90 0.00	29.95 2.14 0.00	26.14 1.87 0.00	23.50 1.65 -0.75
RED___ROCHESTER 323720	22.74 0.36 0.00	20.71 0.08 0.00	18.63 0.07 0.00	17.94 0.05 0.00	17.45 0.07 0.00	18.53 0.11 0.00	21.13 0.11 -0.04	20.90 -0.10 -0.02	22.66 -0.05 0.00	21.45 0.13 0.00	22.40 0.57 0.00	24.33 0.71 0.00	25.15 0.66 0.00	27.79 0.78 0.00	28.83 1.11 0.00	29.05 0.49 0.00	33.81 0.30 0.00	36.58 0.29 0.00	35.94 0.25 0.00	32.77 0.89 0.00	30.75 0.66 0.00	28.67 0.86 0.00	24.85 0.58 0.00	21.53 0.34 -0.09
REGAN___SOLAR 323812	24.33 1.95 0.00	22.34 1.71 0.00	20.24 1.69 0.00	19.51 1.63 0.00	18.99 1.62 0.00	20.19 1.77 0.00	23.44 1.93 -0.53	23.34 2.10 -0.26	24.89 2.18 0.00	23.13 1.81 0.00	23.58 1.75 0.00	25.89 2.27 0.00	26.81 2.37 0.05	29.11 2.27 0.16	29.82 2.33 0.23	30.69 2.40 0.27	35.97 2.91 0.46	39.46 3.48 0.31	39.33 3.64 0.00	35.32 3.44 0.00	33.46 3.37 0.00	30.84 3.03 0.00	26.79 2.52 0.00	24.25 2.01 -1.14
RENSSELAER___COGEN 23796	22.97 0.58 0.00	21.10 0.47 0.00	19.02 0.46 0.00	18.31 0.43 0.00	17.79 0.42 0.00	18.86 0.44 0.00	21.97 0.54 -0.44	21.83 0.63 -0.22	23.43 0.73 0.00	21.91 0.60 0.00	22.36 0.52 0.00	24.16 0.54 0.00	25.00 0.59 0.07	27.47 0.68 0.21	27.99 0.58 0.31	28.97 0.77 0.37	33.87 0.97 0.61	36.96 1.09 0.41	36.73 1.04 0.00	32.67 0.80 0.00	30.91 0.81 0.00	28.53 0.72 0.00	25.00 0.73 0.00	22.72 0.66 -0.96
REPUBLIC_115KV_BARTNBRK 55605	25.05 2.66 0.00	22.88 2.25 0.00	20.60 2.04 0.00	19.87 1.99 0.00	19.32 1.95 0.00	20.56 2.14 0.00	24.00 2.56 -0.46	23.98 2.77 -0.23	25.73 3.02 0.00	23.96 2.64 0.00	24.50 2.66 0.00	26.72 3.09 0.00	27.59 3.18 0.08	29.98 3.21 0.23	30.84 3.47 0.34	31.59 3.43 0.40	37.06 4.22 0.67	40.63 4.79 0.45	40.58 4.89 0.00	36.53 4.65 0.00	34.85 4.75 0.00	32.00 4.20 0.00	27.77 3.49 0.00	24.89 2.79 -1.00

REVERE_CPPR_DRP 24186	23.01 0.63 0.00	21.17 0.54 0.00	19.00 0.45 0.00	18.39 0.50 0.00	17.90 0.52 0.00	18.97 0.55 0.00	21.54 0.55 -0.02	21.64 0.65 -0.01	23.36 0.66 0.00	21.92 0.60 0.00	22.38 0.55 0.00	24.40 0.78 0.00	25.27 0.78 0.00	27.91 0.78 -0.12	28.69 0.80 -0.16	29.38 0.71 -0.10	34.54 0.97 -0.05	37.86 1.12 -0.44	37.21 1.21 -0.30	33.44 1.24 -0.33	31.76 1.26 -0.40	29.10 0.95 -0.35	25.12 0.78 -0.07	21.71 0.57 -0.04
REYNOLDS_115KV_TB3 80639	23.15 0.76 0.00	21.29 0.66 0.00	19.20 0.65 0.00	18.48 0.59 0.00	17.95 0.57 0.00	19.03 0.61 0.00	22.16 0.73 -0.44	22.02 0.82 -0.22	23.61 0.91 0.00	22.09 0.77 0.00	22.53 0.70 0.00	24.33 0.71 0.00	25.14 0.73 0.09	27.62 0.86 0.25	28.29 0.94 0.37	29.16 1.03 0.43	34.03 1.24 0.72	37.14 1.34 0.49	36.98 1.28 0.00	32.89 1.02 0.00	31.15 1.05 0.00	28.92 1.11 0.00	25.19 0.92 0.00	22.91 0.84 -0.96
RIVERBAY____ 323610	24.28 1.88 -0.01	22.19 1.55 -0.01	19.99 1.43 -0.01	19.36 1.47 -0.01	18.71 1.34 0.00	19.69 1.27 0.00	22.75 1.43 -0.35	23.00 1.85 -0.17	24.70 2.00 0.00	23.28 1.96 0.00	23.71 1.88 0.00	25.84 2.22 0.00	26.74 2.18 -0.07	29.60 2.40 -0.19	30.64 2.63 -0.29	31.68 2.77 -0.34	37.09 3.02 -0.56	40.15 3.48 -0.38	38.90 3.21 0.00	33.92 2.04 0.00	32.11 2.02 0.00	30.36 2.56 0.00	26.56 2.28 -0.01	23.87 2.01 -0.76
RIVERSDE_115KV_TB3 55908	23.08 0.69 0.00	21.21 0.58 0.00	19.11 0.56 0.00	18.40 0.52 0.00	17.88 0.50 0.00	18.96 0.53 0.00	22.10 0.67 -0.45	21.96 0.76 -0.22	23.55 0.84 0.00	22.02 0.70 0.00	22.47 0.63 0.00	24.28 0.66 0.00	25.12 0.71 0.08	27.58 0.81 0.23	28.27 0.89 0.34	29.14 0.97 0.40	34.02 1.17 0.67	37.11 1.27 0.45	36.94 1.25 0.00	32.86 0.99 0.00	31.09 0.99 0.00	28.83 1.03 0.00	25.14 0.87 0.00	22.83 0.76 -0.97
ROARING__BROOK_WT_PWR 323790	22.41 0.02 0.00	20.63 0.00 0.00	18.56 0.00 0.00	17.87 -0.02 0.00	17.36 -0.02 0.00	18.39 -0.04 0.00	20.94 -0.04 0.00	20.96 -0.02 0.00	22.71 0.00 0.00	21.34 0.02 0.00	21.88 0.04 0.00	23.69 0.07 0.00	24.56 0.07 0.00	27.06 0.05 0.00	27.75 0.03 0.00	28.59 0.03 0.00	33.55 0.03 0.00	36.32 0.04 0.00	35.76 0.07 0.00	31.94 0.06 0.00	30.12 0.03 0.00	27.75 -0.06 0.00	24.08 -0.20 0.00	20.75 -0.36 0.00
ROCHESRG_115KV_T4 355643	22.48 0.09 0.00	20.49 -0.14 0.00	18.43 -0.13 0.00	17.76 -0.13 0.00	17.29 -0.09 0.00	18.33 -0.09 0.00	20.89 -0.13 -0.04	20.64 -0.36 -0.02	22.37 -0.34 0.00	21.15 -0.17 0.00	22.10 0.26 0.00	24.00 0.38 0.00	24.81 0.32 0.00	27.38 0.38 0.00	27.69 -0.03 0.00	28.45 -0.11 0.00	33.18 -0.34 0.00	35.89 -0.40 0.00	35.30 -0.39 0.00	32.16 0.29 0.00	30.18 0.09 0.00	27.53 -0.28 0.00	24.44 0.17 0.00	21.25 0.06 -0.08
ROCHESTER_9_IC 23652	22.63 0.25 0.00	20.61 -0.02 0.00	18.54 -0.02 0.00	17.87 -0.02 0.00	17.38 0.00 0.00	18.44 0.02 0.00	21.02 0.00 -0.04	20.79 -0.21 -0.02	22.52 -0.18 0.00	21.30 -0.02 0.00	22.27 0.44 0.00	24.19 0.57 0.00	25.01 0.51 0.00	27.60 0.59 0.00	27.92 0.19 0.00	28.68 0.11 0.00	33.45 -0.07 0.00	36.18 -0.11 0.00	35.62 -0.07 0.00	32.45 0.57 0.00	30.45 0.36 0.00	27.75 -0.06 0.00	24.63 0.36 0.00	21.40 0.21 -0.09
ROCKVIEW_13_KV_LD 356306	23.89 1.50 0.00	21.87 1.24 0.00	19.69 1.13 0.00	18.96 1.07 0.00	18.37 0.99 0.00	19.49 1.07 0.00	22.69 1.36 -0.35	22.79 1.64 -0.17	24.59 1.88 0.00	23.13 1.81 0.00	23.58 1.75 0.00	25.51 1.89 0.00	26.49 1.93 -0.07	29.33 2.13 -0.19	30.31 2.30 -0.29	31.36 2.46 -0.34	36.99 2.92 -0.56	39.83 3.16 -0.38	38.62 2.93 0.00	34.01 2.14 0.00	32.11 2.02 0.00	29.97 2.17 0.00	26.14 1.87 0.00	23.50 1.65 -0.75
ROME_____115KV_TB2 80656	23.01 0.63 0.00	21.17 0.54 0.00	19.00 0.45 0.00	18.39 0.50 0.00	17.90 0.52 0.00	18.97 0.55 0.00	21.54 0.55 -0.02	21.64 0.65 -0.01	23.36 0.66 0.00	21.92 0.60 0.00	22.38 0.55 0.00	24.40 0.78 0.00	25.27 0.78 0.00	27.91 0.78 -0.12	28.69 0.80 -0.16	29.38 0.71 -0.10	34.54 0.97 -0.05	37.86 1.12 -0.44	37.21 1.21 -0.30	33.44 1.24 -0.33	31.76 1.26 -0.40	29.10 0.95 -0.35	25.12 0.78 -0.07	21.71 0.57 -0.04
ROSETON____1 23587	23.57 1.19 0.00	21.62 0.99 0.00	19.45 0.89 0.00	18.76 0.88 0.00	18.19 0.82 0.00	19.27 0.85 0.00	22.44 1.11 -0.35	22.43 1.28 -0.17	24.16 1.45 0.00	22.68 1.37 0.00	23.17 1.33 0.00	25.01 1.39 0.00	25.97 1.42 -0.06	28.75 1.57 -0.18	29.48 1.50 -0.26	30.67 1.80 -0.30	36.20 2.18 -0.51	38.99 2.36 -0.34	37.91 2.21 0.00	33.50 1.62 0.00	31.63 1.53 0.00	29.28 1.47 0.00	25.68 1.41 0.00	23.14 1.29 -0.75
ROSETON____2 23588	23.57 1.19 0.00	21.62 0.99 0.00	19.45 0.89 0.00	18.76 0.88 0.00	18.19 0.82 0.00	19.27 0.85 0.00	22.44 1.11 -0.35	22.43 1.28 -0.17	24.16 1.45 0.00	22.68 1.37 0.00	23.17 1.33 0.00	25.01 1.39 0.00	25.97 1.42 -0.06	28.75 1.57 -0.18	29.48 1.50 -0.26	30.67 1.80 -0.30	36.20 2.18 -0.51	38.99 2.36 -0.34	37.91 2.21 0.00	33.50 1.62 0.00	31.63 1.53 0.00	29.28 1.47 0.00	25.68 1.41 0.00	23.14 1.29 -0.75
ROTTTRDAM_115KV_TB3 80664	23.35 0.96 0.00	21.45 0.83 0.00	19.32 0.76 0.00	18.62 0.73 0.00	18.09 0.71 0.00	19.20 0.77 0.00	22.37 0.92 -0.47	22.22 1.01 -0.23	23.82 1.11 0.00	22.30 0.98 0.00	22.79 0.96 0.00	24.66 1.04 0.00	25.50 1.08 0.06	27.98 1.16 0.19	28.72 1.28 0.28	29.59 1.34 0.32	34.58 1.61 0.54	37.70 1.78 0.36	37.44 1.75 0.00	33.37 1.50 0.00	31.54 1.44 0.00	29.22 1.42 0.00	25.48 1.21 0.00	23.15 1.03 -1.01
RUSSELL____1 23602	22.74 0.36 0.00	20.71 0.08 0.00	18.63 0.07 0.00	17.94 0.05 0.00	17.46 0.09 0.00	18.51 0.09 0.00	21.12 0.10 -0.04	20.90 -0.10 -0.02	22.64 -0.07 0.00	21.43 0.11 0.00	22.40 0.57 0.00	24.33 0.71 0.00	25.15 0.66 0.00	27.79 0.78 0.00	28.11 0.39 0.00	28.88 0.31 0.00	33.68 0.17 0.00	36.43 0.15 0.00	35.87 0.18 0.00	32.70 0.83 0.00	30.70 0.60 0.00	27.92 0.11 0.00	24.78 0.51 0.00	21.53 0.34 -0.09
RUSSELL____2 23532	22.74 0.36 0.00	20.71 0.08 0.00	18.63 0.07 0.00	17.94 0.05 0.00	17.46 0.09 0.00	18.51 0.09 0.00	21.12 0.10 -0.04	20.90 -0.10 -0.02	22.64 -0.07 0.00	21.43 0.11 0.00	22.40 0.57 0.00	24.33 0.71 0.00	25.15 0.66 0.00	27.79 0.78 0.00	28.11 0.39 0.00	28.88 0.31 0.00	33.68 0.17 0.00	36.43 0.15 0.00	35.87 0.18 0.00	32.70 0.83 0.00	30.70 0.60 0.00	27.92 0.11 0.00	24.78 0.51 0.00	21.53 0.34 -0.09
RUSSELL____3 23549	22.74 0.36 0.00	20.71 0.08 0.00	18.63 0.07 0.00	17.94 0.05 0.00	17.46 0.09 0.00	18.51 0.09 0.00	21.12 0.10 -0.04	20.90 -0.10 -0.02	22.64 -0.07 0.00	21.43 0.11 0.00	22.40 0.57 0.00	24.33 0.71 0.00	25.15 0.66 0.00	27.79 0.78 0.00	28.11 0.39 0.00	28.88 0.31 0.00	33.68 0.17 0.00	36.43 0.15 0.00	35.87 0.18 0.00	32.70 0.83 0.00	30.70 0.60 0.00	27.92 0.11 0.00	24.78 0.51 0.00	21.53 0.34 -0.09

RUSSELL___4 23556	22.74 0.36 0.00	20.71 0.08 0.00	18.63 0.07 0.00	17.94 0.05 0.00	17.46 0.09 0.00	18.51 0.09 0.00	21.12 0.10 -0.04	20.90 -0.10 -0.02	22.64 -0.07 0.00	21.43 0.11 0.00	22.40 0.57 0.00	24.33 0.71 0.00	25.15 0.66 0.00	27.79 0.78 0.00	28.11 0.39 0.00	28.88 0.31 0.00	33.68 0.17 0.00	36.43 0.15 0.00	35.87 0.18 0.00	32.70 0.83 0.00	30.70 0.60 0.00	27.92 0.11 0.00	24.78 0.51 0.00	21.53 0.34 -0.09
RUSSELL___STATION 23914	22.74 0.36 0.00	20.71 0.08 0.00	18.63 0.07 0.00	17.94 0.05 0.00	17.46 0.09 0.00	18.51 0.09 0.00	21.12 0.10 -0.04	20.90 -0.10 -0.02	22.64 -0.07 0.00	21.43 0.11 0.00	22.40 0.57 0.00	24.33 0.71 0.00	25.15 0.66 0.00	27.79 0.78 0.00	28.11 0.39 0.00	28.88 0.31 0.00	33.68 0.17 0.00	36.43 0.15 0.00	35.87 0.18 0.00	32.70 0.83 0.00	30.70 0.60 0.00	27.92 0.11 0.00	24.78 0.51 0.00	21.53 0.34 -0.09
S SALMON___HYD 24043	22.32 -0.07 0.00	20.51 -0.12 0.00	18.44 -0.11 0.00	17.76 -0.12 0.00	17.29 -0.09 0.00	18.33 -0.09 0.00	20.88 -0.13 -0.02	20.82 -0.17 -0.01	22.50 -0.20 0.00	21.11 -0.21 0.00	21.66 -0.18 0.00	23.55 -0.07 0.00	24.39 -0.10 0.00	27.41 -0.16 -0.57	28.37 -0.11 -0.76	28.71 -0.34 -0.48	33.28 -0.47 -0.24	37.88 -0.47 -2.06	36.70 -0.39 -1.40	33.30 -0.10 -1.52	31.91 -0.06 -1.87	29.42 -0.03 -1.64	24.54 -0.05 -0.32	21.05 -0.11 -0.05
S.PERRY___115KV_TB1 80734	23.39 1.01 0.00	21.27 0.64 0.00	19.13 0.58 0.00	18.44 0.55 0.00	17.95 0.57 0.00	19.07 0.64 0.00	21.52 0.48 -0.06	21.24 0.23 -0.03	22.82 0.11 0.00	21.49 0.17 0.00	22.42 0.59 0.00	24.59 0.97 0.00	25.42 0.93 0.00	27.89 0.89 0.00	28.19 0.47 0.00	29.08 0.51 0.00	33.95 0.44 0.00	36.91 0.62 0.00	36.58 0.89 0.00	33.66 1.78 0.00	31.63 1.53 0.00	28.78 0.97 0.00	25.56 1.29 0.00	22.05 0.82 -0.12
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.52 0.13 0.00	20.42 -0.21 0.00	18.37 -0.19 0.00	17.76 -0.13 0.00	17.32 -0.05 0.00	18.35 -0.07 0.00	20.57 -0.46 -0.05	20.42 -0.59 -0.03	22.09 -0.61 0.00	21.00 -0.32 0.00	22.14 0.31 0.00	24.09 0.47 0.00	24.96 0.47 0.00	27.52 0.51 0.00	27.53 -0.19 0.00	28.34 -0.23 0.00	32.84 -0.67 0.00	35.49 -0.80 0.00	34.84 -0.86 0.00	32.00 0.13 0.00	29.82 -0.27 0.00	27.19 -0.61 0.00	24.42 0.15 0.00	21.05 -0.17 -0.11
SAWYER___23_KV_LOAD 55526	22.52 0.13 0.00	20.42 -0.21 0.00	18.37 -0.19 0.00	17.76 -0.13 0.00	17.32 -0.05 0.00	18.35 -0.07 0.00	20.57 -0.46 -0.05	20.42 -0.59 -0.03	22.09 -0.61 0.00	21.00 -0.32 0.00	22.14 0.31 0.00	24.09 0.47 0.00	24.96 0.47 0.00	27.52 0.51 0.00	27.53 -0.19 0.00	28.34 -0.23 0.00	32.84 -0.67 0.00	35.49 -0.80 0.00	34.84 -0.86 0.00	32.00 0.13 0.00	29.82 -0.27 0.00	27.19 -0.61 0.00	24.42 0.15 0.00	21.05 -0.17 -0.11
SELKIRK___I 23801	23.19 0.80 0.00	21.31 0.68 0.00	19.20 0.65 0.00	18.49 0.61 0.00	17.97 0.59 0.00	19.05 0.63 0.00	22.17 0.75 -0.43	22.04 0.84 -0.22	23.64 0.93 0.00	22.11 0.79 0.00	22.55 0.72 0.00	24.40 0.78 0.00	25.25 0.81 0.05	27.75 0.89 0.14	28.34 0.83 0.21	29.32 1.00 0.24	34.34 1.24 0.41	37.35 1.34 0.28	37.05 1.36 0.00	32.99 1.12 0.00	31.21 1.11 0.00	28.83 1.03 0.00	25.24 0.97 0.00	22.90 0.85 -0.94
SELKIRK___II 23799	23.08 0.69 0.00	21.21 0.58 0.00	19.09 0.54 0.00	18.40 0.52 0.00	17.86 0.49 0.00	18.94 0.52 0.00	22.07 0.65 -0.44	21.93 0.73 -0.22	23.52 0.82 0.00	22.02 0.70 0.00	22.47 0.63 0.00	24.28 0.66 0.00	25.14 0.71 0.06	27.65 0.81 0.16	28.20 0.72 0.24	29.20 0.91 0.28	34.18 1.14 0.47	37.20 1.23 0.32	36.91 1.21 0.00	32.80 0.92 0.00	31.03 0.93 0.00	28.67 0.86 0.00	25.10 0.83 0.00	22.80 0.74 -0.96
SENECA OSWGO___HYD 24041	22.14 -0.25 0.00	20.32 -0.31 0.00	18.30 -0.26 0.00	17.62 -0.27 0.00	17.13 -0.24 0.00	18.18 -0.24 0.00	20.69 -0.31 -0.03	20.59 -0.40 -0.01	22.30 -0.41 0.00	20.96 -0.36 0.00	21.55 -0.28 0.00	23.41 -0.21 0.00	24.25 -0.24 0.00	27.48 -0.32 -0.80	28.53 -0.25 -1.06	28.81 -0.43 -0.68	33.28 -0.57 -0.33	38.56 -0.62 -2.89	37.09 -0.57 -1.97	33.63 -0.38 -2.13	32.33 -0.39 -2.63	29.80 -0.31 -2.30	24.43 -0.29 -0.45	20.85 -0.32 -0.06
SENECA___115KV_TB3 355854	22.79 0.40 0.00	20.67 0.04 0.00	18.57 0.02 0.00	17.96 0.07 0.00	17.50 0.12 0.00	18.55 0.13 0.00	20.68 -0.36 -0.05	20.69 -0.31 -0.03	22.41 -0.30 0.00	21.28 -0.04 0.00	22.42 0.59 0.00	24.42 0.80 0.00	25.32 0.83 0.00	27.89 0.89 0.00	28.00 0.28 0.00	28.79 0.23 0.00	33.41 -0.10 0.00	36.07 -0.22 0.00	35.41 -0.29 0.00	32.54 0.67 0.00	30.27 0.18 0.00	27.61 -0.19 0.00	24.71 0.44 0.00	21.18 -0.04 -0.12
SENECA___ENERGY 23797	22.48 0.09 0.00	20.57 -0.06 0.00	18.50 -0.06 0.00	17.81 -0.07 0.00	17.34 -0.03 0.00	18.42 0.00 0.00	20.94 -0.08 -0.04	20.90 -0.10 -0.02	22.62 -0.09 0.00	21.30 -0.02 0.00	22.03 0.20 0.00	23.98 0.35 0.00	24.83 0.34 0.00	27.66 0.33 -0.33	28.66 0.50 -0.44	29.07 0.23 -0.28	33.75 0.10 -0.14	37.56 0.07 -1.20	36.65 0.14 -0.81	33.21 0.45 -0.88	31.54 0.36 -1.09	29.20 0.44 -0.95	24.70 0.24 -0.19	21.26 0.06 -0.09
SHOEMAKER___GT 23640	23.44 1.05 0.00	21.50 0.87 0.00	19.30 0.74 0.00	18.60 0.72 0.00	18.05 0.68 0.00	19.14 0.72 0.00	22.25 0.97 -0.31	22.20 1.07 -0.15	23.93 1.23 0.00	22.47 1.15 0.00	22.95 1.11 0.00	24.78 1.16 0.00	25.72 1.18 -0.05	28.51 1.35 -0.15	29.22 1.28 -0.23	30.37 1.54 -0.26	35.83 1.88 -0.44	38.65 2.07 -0.30	37.65 1.96 0.00	33.37 1.50 0.00	31.51 1.41 0.00	29.17 1.36 0.00	25.51 1.24 0.00	22.89 1.12 -0.67
SHOEMAKR_138KV_BK 111 55601	23.44 1.05 0.00	21.50 0.87 0.00	19.33 0.78 0.00	18.62 0.73 0.00	18.05 0.68 0.00	19.14 0.72 0.00	22.23 0.94 -0.30	22.20 1.07 -0.15	23.93 1.23 0.00	22.49 1.17 0.00	22.95 1.11 0.00	24.80 1.18 0.00	25.74 1.20 -0.05	28.50 1.35 -0.15	29.41 1.47 -0.22	30.42 1.60 -0.26	35.86 1.91 -0.44	38.65 2.07 -0.29	37.66 1.96 0.00	33.34 1.47 0.00	31.48 1.38 0.00	29.28 1.47 0.00	25.51 1.24 0.00	22.88 1.12 -0.66
SHOREHAM_IC_1 23715	32.48 2.69 -7.41	23.43 2.50 -0.31	22.17 2.15 -1.46	20.00 2.11 -0.01	19.40 2.01 -0.01	20.47 2.04 0.00	24.01 2.66 -0.36	26.26 2.94 -2.34	27.07 3.18 -1.19	23.26 1.94 0.00	25.79 2.14 -1.82	27.05 2.29 -1.14	26.73 2.16 -0.08	29.89 2.40 -0.49	31.11 2.44 -0.95	33.17 3.20 -1.41	37.95 3.85 -0.59	46.59 4.14 -6.16	46.48 3.96 -6.83	41.65 3.13 -6.65	43.97 3.19 -10.69	39.22 3.17 -8.25	36.12 3.06 -8.80	31.33 2.55 -7.67
SHOREHAM_IC_2 23716	32.48 2.69 -7.41	23.43 2.50 -0.31	22.17 2.15 -1.46	20.00 2.11 -0.01	19.40 2.01 -0.01	20.47 2.04 0.00	24.01 2.66 -0.36	26.26 2.94 -2.34	27.07 3.18 -1.19	23.26 1.94 0.00	25.79 2.14 -1.82	27.05 2.29 -1.14	26.73 2.16 -0.08	29.89 2.40 -0.49	31.11 2.44 -0.95	33.17 3.20 -1.41	37.95 3.85 -0.59	46.59 4.14 -6.16	46.48 3.96 -6.83	41.65 3.13 -6.65	43.97 3.19 -10.69	39.22 3.17 -8.25	36.12 3.06 -8.80	31.33 2.55 -7.67

SISSONVILLE____ 23735	21.74 -0.65 0.00	20.18 -0.45 0.00	18.09 -0.46 0.00	17.47 -0.41 0.00	16.94 -0.43 0.00	18.00 -0.42 0.00	20.50 -0.48 0.00	20.67 -0.31 0.00	22.25 -0.45 0.00	20.72 -0.60 0.00	20.89 -0.94 0.00	22.39 -1.23 0.00	23.32 -1.18 0.00	25.73 -1.35 -0.08	26.55 -1.28 -0.10	27.26 -1.37 -0.06	32.00 -1.54 -0.03	35.00 -1.56 -0.28	34.42 -1.46 -0.19	30.84 -1.24 -0.20	29.23 -1.11 -0.25	26.86 -1.17 -0.22	23.51 -0.80 -0.04	20.60 -0.51 0.00
SITHE_IND_GS1 24169	21.85 -0.54 0.00	20.05 -0.58 0.00	18.07 -0.48 0.00	17.42 -0.47 0.00	16.94 -0.43 0.00	17.94 -0.48 0.00	20.44 -0.57 -0.02	20.32 -0.67 -0.01	21.98 -0.73 0.00	20.66 -0.66 0.00	21.22 -0.61 0.00	23.03 -0.59 0.00	23.85 -0.64 0.00	23.97 -0.73 2.31	23.97 -0.69 3.06	25.78 -0.83 1.96	31.51 -1.04 0.96	26.82 -1.13 8.34	28.91 -1.11 5.68	24.85 -0.86 6.16	21.67 -0.84 7.58	20.43 -0.72 6.65	22.32 -0.65 1.30	20.54 -0.61 -0.04
SITHE_IND_GS2 24170	21.85 -0.54 0.00	20.05 -0.58 0.00	18.07 -0.48 0.00	17.42 -0.47 0.00	16.94 -0.43 0.00	17.94 -0.48 0.00	20.44 -0.57 -0.02	20.32 -0.67 -0.01	21.98 -0.73 0.00	20.66 -0.66 0.00	21.22 -0.61 0.00	23.03 -0.59 0.00	23.85 -0.64 0.00	23.97 -0.73 2.31	23.97 -0.69 3.06	25.78 -0.83 1.96	31.51 -1.04 0.96	26.82 -1.13 8.34	28.91 -1.11 5.68	24.85 -0.86 6.16	21.67 -0.84 7.58	20.43 -0.72 6.65	22.32 -0.65 1.30	20.54 -0.61 -0.04
SITHE_IND_GS3 24171	21.85 -0.54 0.00	20.05 -0.58 0.00	18.07 -0.48 0.00	17.42 -0.47 0.00	16.94 -0.43 0.00	17.94 -0.48 0.00	20.44 -0.57 -0.02	20.32 -0.67 -0.01	21.98 -0.73 0.00	20.66 -0.66 0.00	21.22 -0.61 0.00	23.03 -0.59 0.00	23.85 -0.64 0.00	23.97 -0.73 2.31	23.97 -0.69 3.06	25.78 -0.83 1.96	31.51 -1.04 0.96	26.82 -1.13 8.34	28.91 -1.11 5.68	24.85 -0.86 6.16	21.67 -0.84 7.58	20.43 -0.72 6.65	22.32 -0.65 1.30	20.54 -0.61 -0.04
SITHE_IND_GS4 24172	21.85 -0.54 0.00	20.05 -0.58 0.00	18.07 -0.48 0.00	17.42 -0.47 0.00	16.94 -0.43 0.00	17.94 -0.48 0.00	20.44 -0.57 -0.02	20.32 -0.67 -0.01	21.98 -0.73 0.00	20.66 -0.66 0.00	21.22 -0.61 0.00	23.03 -0.59 0.00	23.85 -0.64 0.00	23.97 -0.73 2.31	23.97 -0.69 3.06	25.78 -0.83 1.96	31.51 -1.04 0.96	26.82 -1.13 8.34	28.91 -1.11 5.68	24.85 -0.86 6.16	21.67 -0.84 7.58	20.43 -0.72 6.65	22.32 -0.65 1.30	20.54 -0.61 -0.04
SITHE____BATAVIA 24024	22.97 0.58 0.00	20.84 0.21 0.00	18.80 0.24 0.00	18.06 0.18 0.00	17.64 0.26 0.00	18.68 0.26 0.00	21.07 0.04 -0.05	20.88 -0.13 -0.02	22.59 -0.11 0.00	21.43 0.11 0.00	22.53 0.70 0.00	24.57 0.95 0.00	25.37 0.88 0.00	27.95 0.94 0.00	29.08 1.36 0.00	29.08 0.51 0.00	33.75 0.24 0.00	36.47 0.18 0.00	35.91 0.22 0.00	32.99 1.12 0.00	30.91 0.81 0.00	28.95 1.14 0.00	25.05 0.78 0.00	21.54 0.34 -0.10
SITHE____INDEPEND 23800	21.85 -0.54 0.00	20.05 -0.58 0.00	18.05 -0.50 0.00	17.42 -0.47 0.00	16.94 -0.43 0.00	17.94 -0.48 0.00	20.43 -0.57 -0.02	20.32 -0.67 -0.01	21.98 -0.73 0.00	20.66 -0.66 0.00	21.22 -0.61 0.00	23.03 -0.59 0.00	23.85 -0.64 0.00	23.97 -0.73 2.31	23.86 -0.80 3.06	25.75 -0.86 1.96	31.51 -1.04 0.96	26.78 -1.16 8.34	28.91 -1.11 5.68	24.85 -0.86 6.16	21.67 -0.84 7.58	20.32 -0.83 6.65	22.29 -0.68 1.30	20.54 -0.61 -0.04
SITHE____MASSENA 23902	21.96 -0.43 0.00	20.36 -0.27 0.00	18.31 -0.24 0.00	17.65 -0.23 0.00	17.13 -0.24 0.00	18.16 -0.26 0.00	20.67 -0.31 0.00	20.71 -0.27 0.00	22.34 -0.36 0.00	20.91 -0.41 0.00	21.31 -0.52 0.00	22.96 -0.66 0.00	23.85 -0.64 0.00	26.30 -0.70 0.00	27.03 -0.69 0.00	27.85 -0.71 0.00	32.71 -0.80 0.00	35.49 -0.80 0.00	34.94 -0.75 0.00	31.24 -0.64 0.00	29.52 -0.57 0.00	27.17 -0.64 0.00	23.71 -0.56 0.00	20.73 -0.38 0.00
SITHE____OGDNSBRG 24021	22.07 -0.31 0.00	20.51 -0.12 0.00	18.39 -0.17 0.00	17.74 -0.14 0.00	17.22 -0.16 0.00	18.27 -0.15 0.00	20.81 -0.17 0.00	20.90 -0.08 0.00	22.50 -0.20 0.00	21.02 -0.30 0.00	21.31 -0.52 0.00	22.91 -0.71 0.00	23.83 -0.66 0.00	26.25 -0.76 0.00	27.06 -0.67 0.00	27.82 -0.74 0.00	32.71 -0.80 0.00	35.53 -0.76 0.00	35.01 -0.68 0.00	31.36 -0.51 0.00	29.70 -0.39 0.00	27.30 -0.50 0.00	23.83 -0.44 0.00	20.83 -0.27 0.00
SITHE____STERLING 23777	22.90 0.52 0.00	21.04 0.41 0.00	18.96 0.41 0.00	18.26 0.38 0.00	17.78 0.40 0.00	18.85 0.42 0.00	21.40 0.40 -0.02	21.47 0.48 -0.01	23.18 0.48 0.00	21.77 0.45 0.00	22.29 0.46 0.00	24.26 0.64 0.00	25.15 0.66 0.00	27.76 0.62 -0.13	28.59 0.69 -0.17	29.30 0.63 -0.11	34.34 0.77 -0.06	37.63 0.87 -0.48	36.94 0.93 -0.32	33.25 1.02 -0.35	31.49 0.96 -0.43	28.99 0.81 -0.38	24.95 0.61 -0.07	21.59 0.44 -0.04
SLEIGHT__34_KV_TB1 80719	22.90 0.51 0.00	20.96 0.33 0.00	18.82 0.26 0.00	18.17 0.29 0.00	17.67 0.30 0.00	18.77 0.35 0.00	21.38 0.36 -0.04	21.31 0.31 -0.02	23.12 0.41 0.00	21.75 0.43 0.00	22.49 0.66 0.00	24.54 0.92 0.00	25.42 0.93 0.00	28.22 0.95 -0.27	28.91 0.83 -0.35	29.59 0.80 -0.23	34.50 0.87 -0.11	38.12 0.87 -0.97	37.31 0.96 -0.66	33.77 1.18 -0.71	32.02 1.05 -0.88	29.27 0.70 -0.77	25.10 0.68 -0.15	21.68 0.49 -0.08
SOUTH CAIRO____GT 23612	23.64 1.25 0.00	21.66 1.03 0.00	19.45 0.89 0.00	18.71 0.82 0.00	18.21 0.83 0.00	19.34 0.92 0.00	22.49 1.09 -0.42	22.30 1.11 -0.21	23.98 1.27 0.00	22.30 0.98 0.00	22.75 0.92 0.00	24.50 0.87 0.00	25.53 1.08 0.04	28.22 1.32 0.10	28.85 1.28 0.15	29.82 1.43 0.18	35.06 1.84 0.30	38.30 2.21 0.20	37.80 2.11 0.00	33.82 1.94 0.00	32.05 1.95 0.00	29.56 1.75 0.00	25.75 1.48 0.00	23.13 1.12 -0.90
SOUTH HAMPTN____IC 23720	32.90 3.11 -7.41	23.79 2.85 -0.31	22.46 2.45 -1.46	20.29 2.40 -0.01	19.66 2.28 -0.01	20.74 2.32 0.00	24.34 3.00 -0.36	26.63 3.31 -2.34	27.48 3.59 -1.19	23.77 2.45 0.00	26.36 2.71 -1.82	27.67 2.90 -1.14	27.37 2.79 -0.08	30.67 3.18 -0.49	31.94 3.27 -0.95	33.97 4.00 -1.41	38.89 4.79 -0.58	47.64 5.19 -6.16	47.48 4.96 -6.83	42.54 4.02 -6.65	44.72 3.94 -10.69	39.89 3.84 -8.24	36.56 3.57 -8.72	31.77 3.00 -7.67
SOUTHDOW_115KV_TB1 355954	23.57 1.19 0.00	21.37 0.74 0.00	19.19 0.63 0.00	18.55 0.66 0.00	18.09 0.71 0.00	19.21 0.79 0.00	21.37 0.34 -0.06	21.64 0.63 -0.03	23.43 0.73 0.00	22.30 0.98 0.00	23.47 1.64 0.00	25.49 1.87 0.00	26.47 1.98 0.00	29.11 2.11 0.00	29.27 1.55 0.00	30.11 1.54 0.00	34.95 1.44 0.00	37.74 1.45 0.00	36.98 1.28 0.00	33.92 2.04 0.00	31.54 1.44 0.00	28.89 1.08 0.00	25.70 1.43 0.00	21.86 0.63 -0.12
SOUTHOLD_69_KV_BK 2 55809	33.40 3.60 -7.41	24.24 3.30 -0.31	23.09 3.08 -1.46	20.64 2.75 0.00	19.98 2.61 0.00	21.15 2.73 0.00	24.82 3.48 -0.36	27.12 3.80 -2.34	28.00 4.11 -1.19	24.28 2.96 0.00	26.93 3.28 -1.82	28.28 3.52 -1.14	27.98 3.40 -0.08	31.40 3.92 -0.49	32.94 4.27 -0.95	34.89 4.91 -1.41	39.85 5.76 -0.57	48.73 6.28 -6.16	48.52 6.00 -6.83	43.46 4.94 -6.65	45.51 4.72 -10.69	40.75 4.70 -8.24	37.19 4.20 -8.72	32.28 3.50 -7.67

SOUTHOLD___IC 23719	33.40 3.61 -7.41	24.24 3.30 -0.31	22.83 2.82 -1.46	20.65 2.75 -0.01	20.01 2.62 -0.01	21.11 2.69 0.00	24.83 3.48 -0.36	27.12 3.80 -2.34	28.03 4.13 -1.19	24.28 2.96 0.00	26.93 3.27 -1.82	28.28 3.52 -1.14	27.98 3.40 -0.08	31.40 3.91 -0.49	32.72 4.05 -0.95	34.80 4.83 -1.41	39.86 5.77 -0.58	48.73 6.28 -6.16	48.56 6.03 -6.83	43.49 4.97 -6.65	45.57 4.79 -10.69	40.61 4.56 -8.24	37.14 4.15 -8.72	32.28 3.50 -7.67
SPIERFLS_115KV_TB 1 80737	23.95 1.57 0.00	21.97 1.34 0.00	19.78 1.22 0.00	18.99 1.11 0.00	18.47 1.09 0.00	19.62 1.20 0.00	22.95 1.51 -0.46	22.85 1.64 -0.23	24.50 1.79 0.00	22.88 1.56 0.00	23.38 1.55 0.00	25.27 1.65 0.00	26.08 1.67 0.08	28.61 1.84 0.23	29.38 2.00 0.34	30.20 2.03 0.39	35.37 2.51 0.66	38.67 2.83 0.44	38.51 2.82 0.00	34.46 2.58 0.00	32.74 2.65 0.00	30.22 2.42 0.00	26.29 2.01 0.00	23.75 1.65 -1.00
ST LAWRENCE___ 23600	21.83 -0.56 0.00	20.26 -0.37 0.00	18.20 -0.35 0.00	17.54 -0.34 0.00	17.03 -0.35 0.00	18.07 -0.35 0.00	20.56 -0.42 0.00	20.58 -0.40 0.00	22.21 -0.50 0.00	20.81 -0.51 0.00	21.25 -0.59 0.00	22.91 -0.71 0.00	23.81 -0.69 0.00	26.25 -0.76 0.00	26.95 -0.78 0.00	27.79 -0.77 0.00	32.64 -0.87 0.00	35.38 -0.91 0.00	34.80 -0.89 0.00	31.08 -0.80 0.00	29.37 -0.72 0.00	27.06 -0.75 0.00	23.62 -0.65 0.00	20.60 -0.51 0.00
STATE_CA_115KV_115_LB 55624	23.06 0.67 0.00	21.19 0.56 0.00	19.09 0.54 0.00	18.39 0.50 0.00	17.86 0.49 0.00	18.94 0.52 0.00	22.08 0.65 -0.45	21.96 0.76 -0.22	23.55 0.84 0.00	22.02 0.70 0.00	22.49 0.66 0.00	24.31 0.69 0.00	25.15 0.73 0.08	27.62 0.84 0.22	28.32 0.91 0.32	29.19 1.00 0.37	34.09 1.21 0.62	37.21 1.34 0.42	36.98 1.28 0.00	32.89 1.02 0.00	31.12 1.02 0.00	28.86 1.06 0.00	25.14 0.87 0.00	22.84 0.76 -0.97
STATE_ST_34_KV_LOAD 55959	22.77 0.38 0.00	20.88 0.25 0.00	18.74 0.19 0.00	17.97 0.09 0.00	17.48 0.10 0.00	18.55 0.13 0.00	21.23 0.21 -0.04	21.19 0.19 -0.02	22.96 0.25 0.00	21.57 0.26 0.00	22.25 0.41 0.00	24.07 0.45 0.00	24.96 0.47 0.00	28.02 0.62 -0.40	28.78 0.53 -0.53	29.44 0.54 -0.34	34.21 0.54 -0.17	38.27 0.54 -1.44	37.31 0.64 -0.98	33.73 0.80 -1.06	32.12 0.72 -1.31	29.45 0.50 -1.15	24.96 0.46 -0.22	21.51 0.32 -0.09
STATION 5_MISC_HYD 23604	22.63 0.25 0.00	20.61 -0.02 0.00	18.54 -0.02 0.00	17.87 -0.02 0.00	17.38 0.00 0.00	18.46 0.04 0.00	21.02 0.00 -0.04	20.79 -0.21 -0.02	22.52 -0.18 0.00	21.32 0.00 0.00	22.25 0.41 0.00	24.19 0.57 0.00	25.01 0.52 0.00	27.60 0.59 0.00	28.64 0.91 0.00	28.85 0.29 0.00	33.58 0.07 0.00	36.32 0.04 0.00	35.69 0.00 0.00	32.51 0.64 0.00	30.55 0.45 0.00	28.47 0.67 0.00	24.71 0.44 0.00	21.40 0.21 -0.09
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	22.63 0.25 0.00	20.65 0.02 0.00	18.57 0.02 0.00	17.92 0.04 0.00	17.45 0.07 0.00	18.50 0.07 0.00	21.08 0.06 -0.04	20.94 -0.06 -0.02	22.68 0.11 0.00	21.43 0.11 0.00	22.27 0.44 0.00	24.26 0.64 0.00	25.13 0.64 0.00	27.73 0.65 -0.08	28.22 0.39 -0.11	28.95 0.31 -0.07	33.75 0.20 -0.03	36.77 0.18 -0.30	36.14 0.25 -0.20	32.83 0.73 -0.22	30.94 0.57 -0.27	28.21 0.17 -0.24	24.73 0.41 -0.05	21.42 0.23 -0.09
STA_56_34_KV_BUS2_REV_LBMP_B 345033	22.48 0.09 0.00	20.49 -0.14 0.00	18.41 -0.15 0.00	17.74 -0.14 0.00	17.27 -0.10 0.00	18.31 -0.11 0.00	20.89 -0.13 -0.04	20.69 -0.31 -0.02	22.41 -0.30 0.00	21.19 -0.13 0.00	22.14 0.31 0.00	24.05 0.43 0.00	24.88 0.39 0.00	27.46 0.46 0.00	27.81 0.08 0.00	28.56 0.00 0.00	33.31 -0.20 0.00	36.07 -0.22 0.00	35.48 -0.21 0.00	32.29 0.41 0.00	30.30 0.21 0.00	27.61 -0.19 0.00	24.49 0.22 0.00	21.28 0.08 -0.08
STA_56___34_KV_BUS2 355983	22.48 0.09 0.00	20.49 -0.14 0.00	18.41 -0.15 0.00	17.74 -0.14 0.00	17.27 -0.10 0.00	18.31 -0.11 0.00	20.89 -0.13 -0.04	20.69 -0.31 -0.02	22.41 -0.30 0.00	21.19 -0.13 0.00	22.14 0.31 0.00	24.05 0.43 0.00	24.88 0.39 0.00	27.46 0.46 0.00	27.81 0.08 0.00	28.56 0.00 0.00	33.31 -0.20 0.00	36.07 -0.22 0.00	35.48 -0.21 0.00	32.29 0.41 0.00	30.30 0.21 0.00	27.61 -0.19 0.00	24.49 0.22 0.00	21.28 0.08 -0.08
STA_67___115KV_BK2 355882	22.57 0.18 0.00	20.57 -0.06 0.00	18.50 -0.06 0.00	17.83 -0.05 0.00	17.34 -0.03 0.00	18.39 -0.04 0.00	20.98 -0.04 -0.04	20.73 -0.27 -0.02	22.46 -0.25 0.00	21.23 -0.09 0.00	22.20 0.37 0.00	24.12 0.50 0.00	24.93 0.44 0.00	27.52 0.51 0.00	27.83 0.11 0.00	28.59 0.03 0.00	33.34 -0.17 0.00	36.07 -0.22 0.00	35.48 -0.21 0.00	32.32 0.45 0.00	30.33 0.24 0.00	27.67 -0.14 0.00	24.56 0.29 0.00	21.36 0.17 -0.09
STA_7___115KV_9TRANS 80674	22.74 0.36 0.00	20.71 0.08 0.00	18.63 0.07 0.00	17.94 0.05 0.00	17.46 0.09 0.00	18.51 0.09 0.00	21.12 0.10 -0.04	20.90 -0.10 -0.02	22.64 -0.07 0.00	21.43 0.11 0.00	22.40 0.57 0.00	24.33 0.71 0.00	25.15 0.66 0.00	27.79 0.78 0.00	28.11 0.39 0.00	28.88 0.31 0.00	33.68 0.17 0.00	36.43 0.15 0.00	35.87 0.18 0.00	32.70 0.83 0.00	30.70 0.60 0.00	27.92 0.11 0.00	24.78 0.51 0.00	21.53 0.34 -0.09
STA_82___115KV_TB1 80780	22.59 0.20 0.00	20.59 -0.04 0.00	18.50 -0.06 0.00	17.83 -0.05 0.00	17.36 -0.02 0.00	18.40 -0.02 0.00	20.98 -0.04 -0.04	20.75 -0.25 -0.02	22.48 -0.23 0.00	21.25 -0.06 0.00	22.20 0.37 0.00	24.12 0.50 0.00	24.96 0.47 0.00	27.54 0.54 0.00	27.86 0.14 0.00	28.62 0.06 0.00	33.38 -0.13 0.00	36.11 -0.18 0.00	35.51 -0.18 0.00	32.35 0.48 0.00	30.36 0.27 0.00	27.69 -0.11 0.00	24.59 0.32 0.00	21.36 0.17 -0.09
STEEL___WIND 323596	22.77 0.38 0.00	20.65 0.02 0.00	18.61 0.06 0.00	17.94 0.05 0.00	17.50 0.12 0.00	18.57 0.15 0.00	20.66 -0.38 -0.05	20.69 -0.31 -0.03	22.39 -0.32 0.00	21.30 -0.02 0.00	22.40 0.57 0.00	24.40 0.78 0.00	25.30 0.81 0.00	27.87 0.86 0.00	29.00 1.28 0.00	29.02 0.46 0.00	33.58 0.07 0.00	36.25 -0.04 0.00	35.51 -0.18 0.00	32.58 0.70 0.00	30.36 0.27 0.00	28.67 0.86 0.00	24.80 0.53 0.00	21.16 -0.06 -0.12
STEPHTWN_115KV_BK_2 55603	23.19 0.81 0.00	21.29 0.66 0.00	19.19 0.63 0.00	18.46 0.57 0.00	17.93 0.56 0.00	19.05 0.63 0.00	22.20 0.78 -0.44	22.08 0.88 -0.22	23.71 1.00 0.00	22.15 0.83 0.00	22.62 0.79 0.00	24.47 0.85 0.00	25.30 0.88 0.07	27.74 0.95 0.21	28.46 1.05 0.31	29.31 1.11 0.37	34.27 1.37 0.61	37.43 1.56 0.41	37.23 1.53 0.00	33.12 1.24 0.00	31.33 1.23 0.00	29.03 1.22 0.00	25.31 1.04 0.00	22.93 0.87 -0.96
STEUBEN_REC_LFGE 323667	23.24 0.85 0.00	21.12 0.50 0.00	18.98 0.43 0.00	18.35 0.47 0.00	17.88 0.50 0.00	18.99 0.57 0.00	21.28 0.23 -0.07	21.33 0.31 -0.03	23.05 0.34 0.00	21.81 0.49 0.00	22.79 0.96 0.00	24.92 1.30 0.00	25.89 1.40 0.00	28.55 1.43 -0.12	28.93 1.05 -0.15	29.72 1.06 -0.10	34.53 0.97 -0.05	37.72 1.02 -0.42	37.01 1.04 -0.29	33.84 1.66 -0.31	31.77 1.29 -0.38	28.97 0.83 -0.33	25.36 1.02 -0.07	21.72 0.46 -0.15

STONY___BROOK 24151	32.43 2.64 -7.41	23.27 2.33 -0.31	22.01 1.99 -1.46	19.86 1.97 -0.01	19.26 1.88 -0.01	20.32 1.90 0.00	23.82 2.47 -0.36	26.07 2.75 -2.34	26.91 3.02 -1.19	23.62 2.30 0.00	26.14 2.49 -1.82	27.36 2.60 -1.14	27.15 2.57 -0.08	30.46 2.97 -0.49	31.67 2.99 -0.95	33.57 3.60 -1.41	38.40 4.29 -0.60	47.06 4.61 -6.16	46.91 4.39 -6.83	42.04 3.51 -6.66	44.17 3.37 -10.71	39.32 3.25 -8.26	36.48 3.01 -9.20	31.43 2.66 -7.67
STURGEON_POOL_HYD 23609	23.66 1.28 0.00	21.64 1.01 0.00	19.48 0.93 0.00	18.82 0.93 0.00	18.24 0.87 0.00	19.32 0.90 0.00	22.39 1.05 -0.36	22.44 1.28 -0.18	24.11 1.41 0.00	22.68 1.36 0.00	23.14 1.31 0.00	25.04 1.42 0.00	26.08 1.57 -0.02	28.80 1.73 -0.07	29.68 1.86 -0.10	30.74 2.06 -0.12	36.20 2.48 -0.21	39.15 2.72 -0.14	38.01 2.32 0.00	33.53 1.66 0.00	31.66 1.56 0.00	29.56 1.75 0.00	25.73 1.46 0.00	23.10 1.22 -0.77
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	23.51 1.12 0.00	21.56 0.93 0.00	19.39 0.83 0.00	18.71 0.82 0.00	18.14 0.76 0.00	19.23 0.81 0.00	22.30 1.01 -0.32	22.31 1.17 -0.16	24.05 1.34 0.00	22.62 1.30 0.00	23.08 1.24 0.00	24.99 1.37 0.00	25.94 1.40 -0.06	28.68 1.51 -0.16	29.60 1.64 -0.24	30.61 1.77 -0.28	36.12 2.14 -0.46	38.92 2.32 -0.31	37.87 2.18 0.00	33.47 1.59 0.00	31.57 1.47 0.00	29.42 1.61 0.00	25.61 1.33 0.00	23.02 1.22 -0.69
SWANROAD_115KV_TB1 355699	22.19 -0.20 0.00	20.11 -0.52 0.00	18.11 -0.45 0.00	17.53 -0.36 0.00	17.08 -0.30 0.00	18.09 -0.33 0.00	20.21 -0.82 -0.05	19.96 -1.05 -0.02	21.59 -1.11 0.00	20.51 -0.81 0.00	21.66 -0.17 0.00	23.57 -0.05 0.00	24.37 -0.12 0.00	26.87 -0.14 0.00	26.83 -0.89 0.00	27.62 -0.94 0.00	32.00 -1.51 0.00	34.55 -1.74 0.00	33.94 -1.75 0.00	31.24 -0.64 0.00	29.13 -0.96 0.00	26.53 -1.28 0.00	23.91 -0.36 0.00	20.66 -0.55 -0.11
SYNERGY___BIOGAS 323694	22.97 0.58 0.00	20.84 0.21 0.00	18.80 0.24 0.00	18.06 0.18 0.00	17.64 0.26 0.00	18.68 0.26 0.00	21.07 0.04 -0.05	20.88 -0.13 -0.02	22.59 -0.11 0.00	21.43 0.11 0.00	22.53 0.70 0.00	24.57 0.95 0.00	25.37 0.88 0.00	27.95 0.94 0.00	29.08 1.36 0.00	29.08 0.51 0.00	33.75 0.24 0.00	36.47 0.18 0.00	35.91 0.22 0.00	32.99 1.12 0.00	30.91 0.81 0.00	28.95 1.14 0.00	25.05 0.78 0.00	21.54 0.34 -0.10
SYRACUSE___ENERGY_ST1 323597	22.41 0.02 0.00	20.57 -0.06 0.00	18.48 -0.07 0.00	17.83 -0.05 0.00	17.34 -0.03 0.00	18.39 -0.04 0.00	20.93 -0.08 -0.03	20.85 -0.15 -0.02	22.57 -0.14 0.00	21.21 -0.11 0.00	21.83 0.00 0.00	23.74 0.12 0.00	24.59 0.10 0.00	27.50 0.05 -0.44	28.28 -0.03 -0.59	28.88 -0.06 -0.38	33.60 -0.10 -0.19	37.75 -0.15 -1.61	36.68 -0.11 -1.10	33.13 0.06 -1.19	31.59 0.03 -1.46	29.03 -0.06 -1.28	24.52 0.00 -0.25	21.11 -0.06 -0.07
SYRACUSE___ENERGY_ST2 323598	22.41 0.02 0.00	20.57 -0.06 0.00	18.48 -0.07 0.00	17.83 -0.05 0.00	17.34 -0.03 0.00	18.39 -0.04 0.00	20.93 -0.08 -0.03	20.85 -0.15 -0.02	22.57 -0.14 0.00	21.21 -0.11 0.00	21.83 0.00 0.00	23.74 0.12 0.00	24.59 0.10 0.00	27.50 0.05 -0.44	28.28 -0.03 -0.59	28.88 -0.06 -0.38	33.60 -0.10 -0.19	37.75 -0.15 -1.61	36.68 -0.11 -1.10	33.13 0.06 -1.19	31.59 0.03 -1.46	29.03 -0.06 -1.28	24.52 0.00 -0.25	21.11 -0.06 -0.07
SYRACUSE___POWER 24017	22.36 -0.02 0.00	20.51 -0.12 0.00	18.44 -0.11 0.00	17.78 -0.11 0.00	17.29 -0.09 0.00	18.33 -0.09 0.00	20.89 -0.13 -0.03	20.83 -0.17 -0.02	22.55 -0.16 0.00	21.19 -0.13 0.00	21.81 -0.02 0.00	23.72 0.09 0.00	24.56 0.07 0.00	27.30 0.00 -0.29	28.05 -0.06 -0.39	28.73 -0.09 -0.25	33.50 -0.13 -0.12	37.16 -0.18 -1.05	36.27 -0.14 -0.72	32.69 0.03 -0.78	31.02 -0.03 -0.96	28.53 -0.11 -0.84	24.41 -0.02 -0.16	21.10 -0.08 -0.07
TALLMAN___138KV_BK151 55660	23.66 1.28 0.00	21.68 1.05 0.00	19.50 0.95 0.00	18.82 0.93 0.00	18.24 0.87 0.00	19.34 0.92 0.00	22.46 1.15 -0.33	22.53 1.38 -0.16	24.30 1.59 0.00	22.88 1.56 0.00	23.34 1.51 0.00	25.23 1.61 0.00	26.19 1.64 -0.06	28.99 1.81 -0.17	29.95 1.97 -0.26	31.01 2.14 -0.30	36.53 2.51 -0.50	39.39 2.76 -0.34	38.23 2.53 0.00	33.72 1.85 0.00	31.78 1.69 0.00	29.67 1.86 0.00	25.82 1.55 0.00	23.23 1.41 -0.71
TEALLAVE_115KV_TB7 355573	22.27 -0.11 0.00	20.44 -0.19 0.00	18.39 -0.17 0.00	17.74 -0.14 0.00	17.24 -0.14 0.00	18.29 -0.13 0.00	20.82 -0.19 -0.03	20.74 -0.25 -0.01	22.48 -0.23 0.00	21.15 -0.17 0.00	21.75 -0.09 0.00	23.64 0.02 0.00	24.49 0.00 0.00	27.13 -0.11 -0.24	27.87 -0.17 -0.32	28.57 -0.20 -0.20	33.34 -0.27 -0.10	36.79 -0.36 -0.86	35.96 -0.32 -0.59	32.39 -0.13 -0.64	30.73 -0.15 -0.78	28.24 -0.25 -0.69	24.28 -0.12 -0.13	21.02 -0.15 -0.06
TELGRAPH_34_KV_EAST 80808	22.66 0.27 0.00	20.55 -0.08 0.00	18.48 -0.07 0.00	17.89 0.00 0.00	17.41 0.03 0.00	18.46 0.04 0.00	20.71 -0.31 -0.05	20.52 -0.48 -0.02	22.21 -0.50 0.00	21.06 -0.26 0.00	22.20 0.37 0.00	24.19 0.57 0.00	25.03 0.54 0.00	27.54 0.54 0.00	27.61 -0.11 0.00	28.39 -0.17 0.00	32.94 -0.57 0.00	35.64 -0.65 0.00	35.05 -0.64 0.00	32.23 0.35 0.00	30.09 0.00 0.00	27.36 -0.44 0.00	24.54 0.27 0.00	21.19 -0.02 -0.10
TEMPLE___115KV_TB 2 55572	22.30 -0.09 0.00	20.46 -0.17 0.00	18.41 -0.15 0.00	17.74 -0.14 0.00	17.25 -0.12 0.00	18.29 -0.13 0.00	20.84 -0.17 -0.03	20.76 -0.23 -0.01	22.48 -0.23 0.00	21.15 -0.17 0.00	21.77 -0.07 0.00	23.67 0.05 0.00	24.52 0.02 0.00	27.16 -0.08 -0.24	27.90 -0.14 -0.32	28.60 -0.17 -0.20	33.38 -0.23 -0.10	36.82 -0.33 -0.86	35.99 -0.29 -0.59	32.42 -0.10 -0.64	30.76 -0.12 -0.78	28.27 -0.22 -0.69	24.31 -0.10 -0.13	21.04 -0.13 -0.06
TIANA___69_KV_BK 1 55817	32.77 2.98 -7.41	23.66 2.72 -0.31	22.59 2.58 -1.46	20.19 2.31 0.00	19.57 2.19 0.00	20.71 2.28 0.00	24.26 2.92 -0.36	26.53 3.21 -2.34	27.34 3.45 -1.19	23.66 2.35 0.00	26.23 2.58 -1.82	27.50 2.74 -1.14	27.22 2.64 -0.08	30.49 3.00 -0.49	31.97 3.30 -0.95	33.86 3.88 -1.41	38.64 4.56 -0.57	47.39 4.94 -6.16	47.23 4.71 -6.83	42.31 3.79 -6.65	44.48 3.70 -10.69	39.83 3.78 -8.24	36.44 3.45 -8.72	31.65 2.87 -7.67
TILDEN___115KV_TB1 80814	22.36 -0.02 0.00	20.51 -0.12 0.00	18.44 -0.11 0.00	17.78 -0.11 0.00	17.29 -0.09 0.00	18.33 -0.09 0.00	20.89 -0.13 -0.03	20.83 -0.17 -0.02	22.55 -0.16 0.00	21.19 -0.13 0.00	21.81 -0.02 0.00	23.72 0.09 0.00	24.56 0.07 0.00	27.30 0.00 -0.29	28.05 -0.06 -0.39	28.73 -0.09 -0.25	33.50 -0.13 -0.12	37.16 -0.18 -1.05	36.27 -0.14 -0.72	32.69 0.03 -0.78	31.02 -0.03 -0.96	28.53 -0.11 -0.84	24.41 -0.02 -0.16	21.10 -0.08 -0.07
TRIGEN___CC 323695	31.63 1.84 -7.41	22.51 1.57 -0.31	21.43 1.43 -1.45	19.26 1.38 0.00	18.66 1.29 0.00	19.77 1.34 0.00	23.02 1.68 -0.36	25.26 1.95 -2.33	26.05 2.16 -1.19	23.28 1.96 0.00	25.64 1.99 -1.82	26.87 2.10 -1.14	26.75 2.18 -0.08	29.84 2.35 -0.49	31.17 2.49 -0.95	32.72 2.74 -1.41	37.33 3.25 -0.56	45.90 3.45 -6.16	45.73 3.21 -6.83	40.96 2.45 -6.63	43.09 2.32 -10.68	38.44 2.45 -8.19	33.50 2.21 -7.02	30.70 1.92 -7.67

TRINITY__115KV__4 BK 55933	22.99 0.60 0.00	21.15 0.52 0.00	19.06 0.50 0.00	18.35 0.47 0.00	17.83 0.45 0.00	18.90 0.48 0.00	22.01 0.59 -0.44	21.87 0.67 -0.22	23.48 0.77 0.00	21.96 0.64 0.00	22.40 0.57 0.00	24.21 0.59 0.00	25.05 0.64 0.07	27.52 0.73 0.21	28.21 0.80 0.32	29.08 0.89 0.37	33.97 1.07 0.62	37.03 1.16 0.42	36.83 1.14 0.00	32.77 0.89 0.00	31.00 0.90 0.00	28.75 0.95 0.00	25.07 0.80 0.00	22.77 0.70 -0.96
UNION__PROCESSING_DRP 323587	22.59 0.20 0.00	20.59 -0.04 0.00	18.52 -0.04 0.00	17.83 -0.05 0.00	17.36 -0.02 0.00	18.40 -0.02 0.00	21.00 -0.02 -0.04	20.75 -0.25 -0.02	22.48 -0.23 0.00	21.28 -0.04 0.00	22.23 0.39 0.00	24.14 0.52 0.00	24.96 0.47 0.00	27.57 0.57 0.00	27.86 0.14 0.00	28.62 0.06 0.00	33.38 -0.13 0.00	36.11 -0.18 0.00	35.55 -0.14 0.00	32.39 0.51 0.00	30.39 0.30 0.00	27.69 -0.11 0.00	24.59 0.32 0.00	21.38 0.19 -0.09
UPPER HUDSON__HYD 24058	23.95 1.57 0.00	21.97 1.34 0.00	19.73 1.17 0.00	18.99 1.11 0.00	18.47 1.10 0.00	19.60 1.18 0.00	22.95 1.51 -0.46	22.85 1.64 -0.23	24.50 1.79 0.00	22.87 1.56 0.00	23.38 1.55 0.00	25.27 1.65 0.00	26.08 1.67 0.08	28.61 1.84 0.23	28.55 1.16 0.34	29.46 1.29 0.39	34.43 1.58 0.66	37.66 1.81 0.44	37.51 1.82 0.00	33.56 1.69 0.00	31.90 1.81 0.00	29.39 1.58 0.00	26.28 2.01 0.00	23.76 1.65 -1.00
UPPER RAQUET__HYD 24056	21.74 -0.65 0.00	20.18 -0.45 0.00	18.11 -0.45 0.00	17.47 -0.41 0.00	16.94 -0.43 0.00	18.00 -0.42 0.00	20.50 -0.48 0.00	20.67 -0.31 0.00	22.25 -0.45 0.00	20.72 -0.60 0.00	20.90 -0.94 0.00	22.39 -1.23 0.00	23.32 -1.18 0.00	25.73 -1.35 -0.08	26.49 -1.33 -0.10	27.26 -1.37 -0.06	32.00 -1.54 -0.03	35.01 -1.56 -0.28	34.42 -1.46 -0.19	30.84 -1.24 -0.20	29.23 -1.11 -0.25	26.80 -1.22 -0.22	23.51 -0.80 -0.04	20.60 -0.51 0.00
VALLEY44_115KV_TB2 355964	22.68 0.29 0.00	20.59 -0.04 0.00	18.50 -0.06 0.00	17.87 -0.02 0.00	17.46 0.09 0.00	18.51 0.09 0.00	20.24 -0.80 -0.06	20.74 -0.27 -0.03	22.41 -0.30 0.00	21.34 0.02 0.00	22.40 0.57 0.00	24.38 0.76 0.00	25.27 0.78 0.00	27.84 0.84 0.00	28.11 0.39 0.00	28.91 0.34 0.00	33.65 0.13 0.00	36.29 0.00 0.00	35.62 -0.07 0.00	32.61 0.73 0.00	30.27 0.18 0.00	27.67 -0.14 0.00	24.59 0.32 0.00	20.77 -0.46 -0.13
VALLEY__115KV_TB 1-4 80826	22.50 0.11 0.00	20.73 0.10 0.00	18.63 0.07 0.00	18.03 0.14 0.00	17.53 0.16 0.00	18.61 0.18 0.00	21.09 0.10 0.00	21.09 0.10 0.00	22.84 0.14 0.00	21.45 0.13 0.00	21.94 0.11 0.00	23.90 0.28 0.00	24.78 0.29 0.00	27.17 0.16 0.00	27.89 0.17 0.00	28.71 0.14 0.00	33.71 0.20 0.00	36.51 0.22 0.00	35.94 0.25 0.00	32.10 0.22 0.00	30.33 0.24 0.00	28.00 0.19 0.00	24.42 0.15 0.00	21.19 0.08 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.60 1.21 0.00	21.66 1.03 0.00	19.46 0.91 0.00	18.69 0.80 0.00	18.19 0.82 0.00	19.29 0.87 0.00	22.22 1.11 -0.13	22.30 1.26 -0.06	24.07 1.36 0.00	22.60 1.28 0.00	23.08 1.24 0.00	24.97 1.35 0.00	25.84 1.35 0.00	28.63 1.54 -0.08	29.41 1.58 -0.11	30.23 1.60 -0.07	35.46 1.91 -0.03	38.66 2.07 -0.30	37.97 2.07 -0.21	33.95 1.85 -0.22	32.17 1.81 -0.27	29.63 1.58 -0.24	25.65 1.33 -0.05	22.50 1.12 -0.27
VISCHER__FERRY HYD 24020	23.44 1.05 0.00	21.54 0.91 0.00	19.41 0.85 0.00	18.69 0.81 0.00	18.16 0.78 0.00	19.27 0.85 0.00	22.44 1.01 -0.45	22.27 1.07 -0.23	23.86 1.16 0.00	22.32 1.00 0.00	22.79 0.96 0.00	24.61 0.99 0.00	25.42 1.03 0.10	27.87 1.16 0.30	28.31 1.03 0.44	29.28 1.23 0.51	34.16 1.51 0.86	37.38 1.67 0.58	37.30 1.61 0.00	33.24 1.37 0.00	31.45 1.36 0.00	29.03 1.22 0.00	25.51 1.24 0.00	23.18 1.10 -0.98
V_A_10_SYNC_DSASP 323832	22.27 -0.11 0.00	20.26 -0.37 0.00	18.22 -0.33 0.00	17.60 -0.29 0.00	17.15 -0.23 0.00	18.16 -0.26 0.00	20.63 -0.40 -0.04	20.31 -0.69 -0.02	21.98 -0.73 0.00	20.83 -0.49 0.00	21.90 0.07 0.00	23.81 0.19 0.00	24.61 0.12 0.00	27.14 0.14 0.00	27.22 -0.50 0.00	28.02 -0.54 0.00	32.51 -1.01 0.00	35.13 -1.16 0.00	34.51 -1.18 0.00	31.62 -0.25 0.00	29.55 -0.54 0.00	26.97 -0.83 0.00	24.15 -0.12 0.00	21.03 -0.17 -0.10
V_CMM_10_SYNC_DSASP 323787	21.92 -0.47 0.00	20.32 -0.31 0.00	18.28 -0.28 0.00	17.62 -0.27 0.00	17.10 -0.28 0.00	18.15 -0.28 0.00	20.64 -0.34 0.00	20.67 -0.31 0.00	22.30 -0.41 0.00	20.89 -0.43 0.00	21.33 -0.50 0.00	22.98 -0.64 0.00	23.90 -0.59 0.00	26.33 -0.67 0.00	27.06 -0.67 0.00	27.88 -0.69 0.00	32.74 -0.77 0.00	35.52 -0.76 0.00	34.94 -0.75 0.00	31.24 -0.64 0.00	29.49 -0.60 0.00	27.17 -0.64 0.00	23.69 -0.58 0.00	20.68 -0.42 0.00
V_CMP_10_SYNC_DSASP 323788	22.81 0.42 0.00	21.12 0.49 0.00	18.89 0.33 0.00	18.22 0.34 0.00	17.67 0.30 0.00	18.77 0.35 0.00	21.46 0.48 0.00	21.57 0.59 0.00	23.27 0.57 0.00	21.81 0.49 0.00	22.25 0.41 0.00	23.83 0.21 0.00	24.83 0.34 0.00	27.49 0.49 0.00	28.30 0.58 0.00	29.14 0.57 0.00	34.25 0.74 0.00	37.20 0.91 0.00	36.66 0.96 0.00	32.80 0.92 0.00	30.97 0.87 0.00	28.39 0.58 0.00	24.54 0.27 0.00	21.36 0.25 0.00
V_E_10_SYNC_DSASP 323830	24.02 1.63 0.00	22.05 1.42 0.00	19.83 1.28 0.00	19.08 1.20 0.00	18.61 1.23 0.00	19.77 1.34 0.00	22.46 1.38 -0.10	22.52 1.49 -0.05	24.18 1.48 0.00	22.62 1.30 0.00	23.14 1.31 0.00	25.25 1.63 0.00	26.13 1.64 0.00	28.97 1.78 -0.18	29.90 1.94 -0.24	30.52 1.80 -0.15	35.83 2.25 -0.08	39.56 2.61 -0.66	38.96 2.82 -0.45	35.39 3.03 -0.48	33.64 2.95 -0.60	30.86 2.53 -0.52	26.22 1.84 -0.10	22.68 1.37 -0.21
V_F_30_NSUNC__DSASP 323816	23.78 1.39 0.00	21.83 1.20 0.00	19.63 1.08 0.00	18.90 1.02 0.00	18.37 0.99 0.00	19.49 1.07 0.00	22.76 1.32 -0.46	22.62 1.41 -0.23	24.25 1.54 0.00	22.66 1.34 0.00	23.14 1.31 0.00	25.04 1.42 0.00	25.85 1.44 0.08	28.38 1.62 0.24	28.75 1.39 0.35	29.69 1.54 0.41	34.73 1.91 0.69	37.96 2.14 0.47	37.80 2.11 0.00	33.76 1.88 0.00	31.99 1.90 0.00	29.50 1.70 0.00	25.99 1.72 0.00	23.56 1.46 -1.00
V_F_30_SYNC_DSASP 323786	23.06 0.67 0.00	21.19 0.56 0.00	19.09 0.54 0.00	18.39 0.50 0.00	17.86 0.49 0.00	18.94 0.52 0.00	22.08 0.65 -0.45	21.96 0.76 -0.22	23.55 0.84 0.00	22.02 0.70 0.00	22.49 0.66 0.00	24.31 0.69 0.00	25.15 0.73 0.08	27.62 0.84 0.22	28.32 0.91 0.32	29.16 0.97 0.37	34.10 1.21 0.62	37.21 1.34 0.42	36.98 1.28 0.00	32.89 1.02 0.00	31.12 1.02 0.00	28.86 1.06 0.00	25.14 0.87 0.00	22.84 0.76 -0.97
V_XM_10_SYNC_DSASP 323789	22.81 0.42 0.00	21.12 0.49 0.00	18.89 0.33 0.00	18.22 0.34 0.00	17.67 0.30 0.00	18.77 0.35 0.00	21.46 0.48 0.00	21.57 0.59 0.00	23.27 0.57 0.00	21.81 0.49 0.00	22.25 0.41 0.00	23.83 0.21 0.00	24.83 0.34 0.00	27.49 0.49 0.00	28.30 0.58 0.00	29.14 0.57 0.00	34.25 0.74 0.00	37.20 0.91 0.00	36.66 0.96 0.00	32.80 0.92 0.00	30.97 0.87 0.00	28.39 0.58 0.00	24.54 0.27 0.00	21.36 0.25 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	23.75 1.37 0.00	21.74 1.11 0.00	19.56 1.00 0.00	18.85 0.97 0.00	18.30 0.92 0.00	19.38 0.96 0.00	22.55 1.24 -0.33	22.57 1.43 -0.16	24.36 1.66 0.00	22.92 1.60 0.00	23.38 1.55 0.00	25.30 1.68 0.00	26.27 1.71 -0.06	29.07 1.89 -0.18	30.04 2.05 -0.26	31.07 2.20 -0.30	36.64 2.61 -0.51	39.50 2.87 -0.35	38.33 2.64 0.00	33.82 1.94 0.00	31.90 1.81 0.00	29.75 1.95 0.00	25.90 1.63 0.00	23.30 1.48 -0.72
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	23.89 1.50 0.00	21.85 1.22 0.00	19.67 1.11 0.00	18.98 1.09 0.00	18.37 0.99 0.00	19.47 1.05 0.00	22.69 1.36 -0.35	22.79 1.64 -0.17	24.59 1.88 0.00	23.15 1.83 0.00	23.60 1.77 0.00	25.53 1.91 0.00	26.54 1.98 -0.07	29.36 2.16 -0.19	30.31 2.30 -0.29	31.38 2.49 -0.33	36.99 2.92 -0.56	39.83 3.16 -0.38	38.58 2.89 0.00	33.92 2.04 0.00	31.99 1.90 0.00	29.95 2.14 0.00	26.14 1.87 0.00	23.50 1.65 -0.75
W50THST__13_KV_LOAD 356117	23.98 1.59 0.00	21.95 1.32 0.00	19.76 1.21 0.00	19.05 1.16 0.00	18.45 1.08 0.00	19.56 1.14 0.00	22.79 1.47 -0.35	22.94 1.78 -0.17	24.75 2.04 0.00	23.30 1.98 0.00	23.75 1.92 0.00	25.72 2.10 0.00	26.71 2.16 -0.07	29.55 2.35 -0.19	30.53 2.52 -0.29	31.61 2.71 -0.33	37.22 3.15 -0.56	40.12 3.45 -0.38	38.80 3.11 0.00	34.07 2.20 0.00	32.17 2.08 0.00	30.09 2.28 0.00	26.26 1.99 0.00	23.59 1.73 -0.75
WADING RIVER_IC_1 23522	32.48 2.69 -7.41	23.45 2.52 -0.31	22.17 2.15 -1.46	20.00 2.11 -0.01	19.40 2.01 -0.01	20.47 2.04 0.00	24.03 2.69 -0.36	26.28 2.96 -2.34	27.09 3.20 -1.19	23.26 1.94 0.00	25.79 2.14 -1.82	27.05 2.29 -1.14	26.68 2.11 -0.08	29.87 2.38 -0.49	31.08 2.41 -0.95	33.17 3.20 -1.41	37.91 3.82 -0.58	46.59 4.14 -6.16	46.45 3.93 -6.83	41.65 3.13 -6.65	43.97 3.19 -10.69	39.22 3.17 -8.24	36.07 3.08 -8.72	31.31 2.53 -7.67
WADING RIVER_IC_2 23547	32.48 2.69 -7.41	23.45 2.52 -0.31	22.17 2.15 -1.46	20.00 2.11 -0.01	19.40 2.01 -0.01	20.47 2.04 0.00	24.03 2.69 -0.36	26.28 2.96 -2.34	27.09 3.20 -1.19	23.26 1.94 0.00	25.79 2.14 -1.82	27.05 2.29 -1.14	26.68 2.11 -0.08	29.87 2.38 -0.49	31.08 2.41 -0.95	33.17 3.20 -1.41	37.91 3.82 -0.58	46.59 4.14 -6.16	46.45 3.93 -6.83	41.65 3.13 -6.65	43.97 3.19 -10.69	39.22 3.17 -8.24	36.07 3.08 -8.72	31.31 2.53 -7.67
WADING RIVER_IC_3 23601	32.48 2.69 -7.41	23.45 2.52 -0.31	22.17 2.15 -1.46	20.00 2.11 -0.01	19.40 2.01 -0.01	20.47 2.04 0.00	24.03 2.69 -0.36	26.28 2.96 -2.34	27.09 3.20 -1.19	23.26 1.94 0.00	25.79 2.14 -1.82	27.05 2.29 -1.14	26.68 2.11 -0.08	29.87 2.38 -0.49	31.08 2.41 -0.95	33.17 3.20 -1.41	37.91 3.82 -0.58	46.59 4.14 -6.16	46.45 3.93 -6.83	41.65 3.13 -6.65	43.97 3.19 -10.69	39.22 3.17 -8.24	36.07 3.08 -8.72	31.31 2.53 -7.67
WALDENNY_I2_KV_BK2 80841	22.77 0.38 0.00	20.65 0.02 0.00	18.56 0.00 0.00	17.94 0.05 0.00	17.50 0.12 0.00	18.53 0.11 0.00	20.68 -0.36 -0.05	20.67 -0.34 -0.03	22.39 -0.32 0.00	21.25 -0.06 0.00	22.40 0.57 0.00	24.42 0.80 0.00	25.30 0.81 0.00	27.89 0.89 0.00	27.94 0.22 0.00	28.76 0.20 0.00	33.38 -0.13 0.00	36.03 -0.25 0.00	35.37 -0.32 0.00	32.48 0.61 0.00	30.24 0.15 0.00	27.55 -0.25 0.00	24.68 0.41 0.00	21.18 -0.04 -0.11
WALDEN___HYDRO 24148	23.73 1.34 0.00	21.70 1.07 0.00	19.50 0.95 0.00	18.81 0.93 0.00	18.26 0.89 0.00	19.34 0.92 0.00	22.49 1.17 -0.33	22.45 1.30 -0.17	24.18 1.48 0.00	22.70 1.38 0.00	23.19 1.35 0.00	25.06 1.44 0.00	26.01 1.47 -0.05	28.80 1.65 -0.14	29.51 1.58 -0.21	30.75 1.94 -0.25	36.31 2.38 -0.41	39.22 2.65 -0.28	38.19 2.50 0.00	33.82 1.94 0.00	31.93 1.84 0.00	29.56 1.75 0.00	25.83 1.55 0.00	23.22 1.39 -0.72
WARRENSBURG____ 23737	23.95 1.57 0.00	21.97 1.34 0.00	19.73 1.17 0.00	18.99 1.11 0.00	18.47 1.10 0.00	19.60 1.18 0.00	22.95 1.51 -0.46	22.85 1.64 -0.23	24.50 1.79 0.00	22.87 1.56 0.00	23.38 1.55 0.00	25.27 1.65 0.00	26.08 1.67 0.08	28.61 1.84 0.23	28.55 1.16 0.34	29.46 1.29 0.39	34.43 1.58 0.66	37.66 1.81 0.44	37.51 1.82 0.00	33.56 1.69 0.00	31.90 1.81 0.00	29.39 1.58 0.00	26.28 2.01 0.00	23.76 1.65 -1.00
WATERSIDE___6 8 9 23538	23.95 1.57 0.00	21.89 1.26 0.00	19.72 1.17 0.00	18.99 1.11 0.00	18.38 1.01 0.00	19.44 1.01 0.00	22.63 1.30 -0.35	22.81 1.66 -0.17	24.59 1.88 0.00	23.17 1.85 0.00	23.60 1.77 0.00	25.56 1.94 0.00	26.54 1.98 -0.07	29.39 2.19 -0.19	30.37 2.36 -0.29	31.48 2.57 -0.34	36.96 2.88 -0.56	39.86 3.19 -0.38	38.58 2.89 0.00	33.79 1.91 0.00	31.96 1.87 0.00	30.03 2.22 0.00	26.21 1.94 0.00	23.54 1.69 -0.75
WATKINRD_115KV_LN8_ILLION 55919	22.50 0.11 0.00	20.71 0.08 0.00	18.63 0.07 0.00	17.99 0.11 0.00	17.50 0.12 0.00	18.55 0.13 0.00	21.06 0.08 0.00	21.06 0.08 0.00	22.80 0.09 0.00	21.40 0.09 0.00	21.92 0.09 0.00	23.81 0.19 0.00	24.69 0.20 0.00	27.14 0.14 0.00	27.86 0.14 0.00	28.68 0.11 0.00	33.68 0.17 0.00	36.47 0.18 0.00	35.91 0.21 0.00	32.07 0.19 0.00	30.27 0.18 0.00	27.97 0.17 0.00	24.39 0.12 0.00	21.19 0.08 0.00
WATSON___69_KV_BK 1 55734	32.57 2.78 -7.41	23.39 2.45 -0.31	22.26 2.25 -1.45	20.00 2.11 0.00	19.37 2.00 0.00	20.50 2.08 0.00	23.92 2.58 -0.36	26.17 2.85 -2.34	27.05 3.16 -1.19	23.83 2.52 0.00	26.38 2.73 -1.82	27.67 2.91 -1.14	27.49 2.91 -0.08	30.76 3.27 -0.49	32.19 3.52 -0.95	33.95 3.97 -1.41	38.71 4.62 -0.57	47.46 5.01 -6.16	47.31 4.78 -6.83	42.40 3.89 -6.64	44.45 3.67 -10.68	39.64 3.61 -8.22	35.32 3.18 -7.87	31.60 2.83 -7.67
WDELAWARE___HYD 323627	23.42 1.03 0.00	21.43 0.80 0.00	19.20 0.65 0.00	18.51 0.63 0.00	17.97 0.59 0.00	19.05 0.63 0.00	22.18 0.90 -0.30	22.14 1.01 -0.15	23.86 1.16 0.00	22.41 1.09 0.00	22.86 1.03 0.00	24.64 1.02 0.00	25.57 1.05 -0.03	28.39 1.30 -0.09	29.08 1.22 -0.14	30.26 1.54 -0.16	35.72 1.94 -0.26	38.64 2.18 -0.18	37.76 2.07 0.00	33.40 1.53 0.00	31.54 1.44 0.00	29.19 1.39 0.00	25.48 1.21 0.00	22.85 1.10 -0.65
WEST BABYLON___IC 23714	32.34 2.55 -7.41	23.19 2.25 -0.31	22.07 2.06 -1.45	19.83 1.95 0.00	19.22 1.84 0.00	20.36 1.93 0.00	23.71 2.37 -0.36	25.98 2.66 -2.34	26.82 2.93 -1.19	23.75 2.43 0.00	26.25 2.60 -1.82	27.55 2.79 -1.14	27.39 2.82 -0.08	30.62 3.13 -0.49	32.03 3.35 -0.95	33.69 3.71 -1.41	38.43 4.36 -0.56	47.17 4.72 -6.16	47.02 4.50 -6.83	42.11 3.60 -6.63	44.17 3.40 -10.68	39.39 3.39 -8.19	34.48 2.99 -7.22	31.39 2.62 -7.67
WEST CANADA___HYD 24049	22.48 0.09 0.00	20.67 0.04 0.00	18.61 0.06 0.00	17.94 0.05 0.00	17.43 0.05 0.00	18.48 0.06 0.00	21.04 0.06 0.00	21.04 0.06 0.00	22.77 0.07 0.00	21.38 0.06 0.00	21.90 0.07 0.00	23.72 0.09 0.00	24.59 0.10 0.00	27.11 0.11 0.00	27.81 0.08 0.00	28.65 0.09 0.00	33.61 0.10 0.00	36.40 0.11 0.00	35.80 0.11 0.00	31.97 0.10 0.00	30.18 0.09 0.00	27.92 0.11 0.00	24.34 0.07 0.00	21.17 0.06 0.00

WESTERN_NY_WIND 24143	22.95 0.56 0.00	20.82 0.19 0.00	18.78 0.22 0.00	18.03 0.14 0.00	17.62 0.24 0.00	18.66 0.24 0.00	21.03 0.00 -0.05	20.83 -0.17 -0.02	22.55 -0.16 0.00	21.38 0.06 0.00	22.51 0.68 0.00	24.54 0.92 0.00	25.35 0.86 0.00	27.89 0.89 0.00	29.05 1.33 0.00	29.02 0.46 0.00	33.71 0.20 0.00	36.43 0.15 0.00	35.84 0.14 0.00	32.93 1.05 0.00	30.85 0.75 0.00	28.92 1.11 0.00	25.02 0.75 0.00	21.50 0.30 -0.10
WESTOVER___LESR 323668	22.79 0.40 0.00	20.88 0.25 0.00	18.76 0.20 0.00	18.10 0.21 0.00	17.62 0.24 0.00	18.68 0.26 0.00	21.23 0.15 -0.10	21.26 0.23 -0.05	22.98 0.27 0.00	21.64 0.32 0.00	22.31 0.48 0.00	24.21 0.59 0.00	25.10 0.61 0.00	27.85 0.68 -0.17	28.50 0.55 -0.23	29.28 0.57 -0.14	34.19 0.60 -0.07	37.52 0.62 -0.62	36.75 0.64 -0.42	33.10 0.76 -0.46	31.26 0.60 -0.56	28.77 0.47 -0.49	24.85 0.49 -0.10	21.64 0.32 -0.22
WETHRSFD_WT_PWR 323626	22.74 0.36 0.00	20.65 0.02 0.00	18.61 0.06 0.00	17.94 0.05 0.00	17.48 0.10 0.00	18.55 0.13 0.00	20.77 -0.27 -0.06	20.76 -0.25 -0.03	22.46 -0.25 0.00	21.32 0.00 0.00	22.34 0.50 0.00	24.33 0.71 0.00	25.20 0.71 0.00	27.79 0.78 0.00	28.86 1.14 0.00	28.99 0.43 0.00	33.65 0.13 0.00	36.32 0.04 0.00	35.66 -0.04 0.00	32.58 0.70 0.00	30.46 0.36 0.00	28.61 0.81 0.00	24.78 0.51 0.00	21.24 0.00 -0.13
WHAVSTOR_138KV_BK127 55557	23.66 1.28 0.00	21.66 1.03 0.00	19.50 0.95 0.00	18.80 0.91 0.00	18.23 0.85 0.00	19.32 0.90 0.00	22.46 1.15 -0.33	22.51 1.36 -0.17	24.27 1.57 0.00	22.85 1.53 0.00	23.32 1.48 0.00	25.20 1.58 0.00	26.17 1.62 -0.06	28.96 1.78 -0.18	29.93 1.94 -0.26	30.95 2.09 -0.31	36.50 2.48 -0.51	39.32 2.69 -0.35	38.19 2.50 0.00	33.66 1.78 0.00	31.75 1.66 0.00	29.64 1.84 0.00	25.82 1.55 0.00	23.22 1.39 -0.72
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	23.66 1.28 0.00	21.66 1.03 0.00	19.50 0.95 0.00	18.80 0.91 0.00	18.23 0.85 0.00	19.32 0.90 0.00	22.46 1.15 -0.33	22.51 1.36 -0.17	24.27 1.57 0.00	22.85 1.53 0.00	23.32 1.48 0.00	25.20 1.58 0.00	26.17 1.62 -0.06	28.96 1.78 -0.18	29.93 1.94 -0.26	30.95 2.09 -0.31	36.50 2.48 -0.51	39.32 2.69 -0.35	38.19 2.50 0.00	33.66 1.78 0.00	31.75 1.66 0.00	29.64 1.84 0.00	25.82 1.55 0.00	23.22 1.39 -0.72
WHITEHAL_115KV_TB1 80871	24.40 2.01 0.00	22.34 1.71 0.00	20.11 1.56 0.00	19.32 1.43 0.00	18.78 1.41 0.00	19.95 1.53 0.00	23.37 1.93 -0.46	23.33 2.12 -0.23	25.02 2.32 0.00	23.34 2.03 0.00	23.84 2.01 0.00	25.77 2.15 0.00	26.59 2.18 0.08	29.20 2.43 0.23	29.98 2.61 0.34	30.79 2.63 0.40	36.13 3.28 0.67	39.57 3.74 0.45	39.44 3.75 0.00	35.41 3.54 0.00	33.67 3.58 0.00	31.00 3.20 0.00	26.94 2.67 0.00	24.26 2.15 -1.00
WHITEPLN_13_KV_LOAD 356215	23.89 1.50 0.00	21.87 1.24 0.00	19.69 1.13 0.00	19.03 1.14 0.00	18.44 1.06 0.00	19.55 1.12 0.00	22.71 1.38 -0.34	22.81 1.66 -0.17	24.59 1.88 0.00	23.13 1.81 0.00	23.60 1.77 0.00	25.68 2.06 0.00	26.66 2.11 -0.07	29.36 2.16 -0.19	30.31 2.30 -0.29	31.38 2.49 -0.33	37.02 2.95 -0.56	39.82 3.16 -0.38	38.65 2.96 0.00	34.04 2.17 0.00	32.14 2.05 0.00	29.97 2.17 0.00	26.14 1.87 0.00	23.50 1.65 -0.75
WM_FLOYD_69_KV_BK2 356380	32.48 2.69 -7.41	23.39 2.45 -0.31	22.30 2.28 -1.46	19.98 2.09 0.00	19.36 1.98 0.00	20.49 2.06 0.00	23.94 2.60 -0.36	26.19 2.87 -2.34	27.03 3.13 -1.19	23.45 2.13 0.00	25.99 2.34 -1.82	27.24 2.48 -1.14	26.95 2.38 -0.08	30.16 2.67 -0.49	31.61 2.94 -0.95	33.46 3.48 -1.41	38.18 4.09 -0.58	46.84 4.39 -6.16	46.73 4.21 -6.83	41.90 3.38 -6.65	44.06 3.28 -10.69	39.44 3.39 -8.25	36.08 3.06 -8.75	31.41 2.64 -7.67
WOODARD___115KV_TB2 355635	22.25 -0.13 0.00	20.42 -0.21 0.00	18.35 -0.20 0.00	17.71 -0.18 0.00	17.22 -0.16 0.00	18.26 -0.17 0.00	20.78 -0.23 -0.03	20.70 -0.29 -0.01	22.41 -0.30 0.00	21.08 -0.23 0.00	21.70 -0.13 0.00	23.57 -0.05 0.00	24.42 -0.07 0.00	27.14 -0.16 -0.30	27.90 -0.22 -0.40	28.56 -0.26 -0.25	33.30 -0.34 -0.12	36.97 -0.40 -1.08	36.03 -0.39 -0.73	32.48 -0.19 -0.80	30.86 -0.21 -0.98	28.39 -0.28 -0.86	24.27 -0.17 -0.17	20.98 -0.19 -0.06
YORK___WARBASSE 23770	24.07 1.68 0.00	21.97 1.34 0.00	19.78 1.22 0.00	19.05 1.16 0.00	18.40 1.03 0.00	19.42 0.99 0.00	22.63 1.30 -0.35	22.83 1.68 -0.17	24.64 1.93 0.00	23.26 1.94 0.00	23.67 1.83 0.00	25.65 2.03 0.00	26.62 2.06 -0.07	29.44 2.24 -0.19	30.45 2.44 -0.29	31.59 2.69 -0.34	37.09 3.02 -0.56	40.01 3.34 -0.38	38.80 3.11 0.00	33.92 2.04 0.00	32.05 1.96 0.00	30.14 2.34 0.00	26.33 2.06 0.00	23.65 1.79 -0.75