

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses															--- Marginal Cost of Congestion										05/30/2023	
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			
		EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT			
59TH STREET_GT_1		20.08	18.53	17.74	17.08	17.88	19.50	21.72	22.70	23.12	22.76	22.99	23.67	23.72	24.88	27.57	29.88	32.50	41.35	42.10	40.40	35.96	30.97	23.82	22.42			
24138		0.61	0.46	0.39	0.31	0.39	0.51	0.84	1.13	1.41	1.33	1.34	1.31	1.24	1.42	1.65	1.68	1.73	2.63	2.56	2.26	2.02	1.84	1.35	1.15			
		-7.91	-9.61	-10.10	-10.91	-9.62	-8.02	-4.34	-2.05	0.00	0.00	-0.02	-0.07	-0.01	-0.16	-0.55	-0.69	-0.86	-1.66	-1.40	-1.10	-0.86	-0.42	0.00	0.00			
74TH STREET_GT_1		20.04	18.53	17.74	17.08	17.87	19.49	21.69	22.68	23.12	22.72	22.99	23.65	23.81	24.85	27.52	29.93	32.44	41.38	42.02	40.37	35.89	30.94	23.78	22.40			
24260		0.58	0.47	0.38	0.30	0.38	0.49	0.81	1.11	1.41	1.29	1.34	1.29	1.33	1.40	1.60	1.73	1.67	2.67	2.48	2.22	1.95	1.81	1.30	1.13			
		-7.91	-9.61	-10.10	-10.91	-9.62	-8.02	-4.34	-2.05	0.00	0.00	-0.02	-0.07	-0.01	-0.16	-0.55	-0.69	-0.86	-1.66	-1.40	-1.10	-0.86	-0.42	0.00	0.00			
74TH STREET_GT_2		20.04	18.53	17.74	17.08	17.87	19.49	21.69	22.68	23.12	22.72	22.99	23.65	23.81	24.85	27.52	29.93	32.44	41.38	42.02	40.37	35.89	30.94	23.78	22.40			
24261		0.58	0.47	0.38	0.30	0.38	0.49	0.81	1.11	1.41	1.29	1.34	1.29	1.33	1.40	1.60	1.73	1.67	2.67	2.48	2.22	1.95	1.81	1.30	1.13			
		-7.91	-9.61	-10.10	-10.91	-9.62	-8.02	-4.34	-2.05	0.00	0.00	-0.02	-0.07	-0.01	-0.16	-0.55	-0.69	-0.86	-1.66	-1.40	-1.10	-0.86	-0.42	0.00	0.00			
ADK HUDSON___FALLS		22.67	21.61	20.97	20.57	21.01	22.21	23.30	23.49	23.12	22.65	22.82	23.44	23.81	24.62	26.52	28.92	31.44	38.78	40.32	39.30	35.18	30.73	24.18	22.67			
24011		0.69	0.49	0.41	0.33	0.46	0.67	1.04	1.25	1.41	1.22	1.21	1.20	1.35	1.44	1.60	1.98	2.24	3.08	3.32	3.15	2.81	2.35	1.71	1.40			
		-10.42	-12.66	-13.30	-14.37	-12.68	-10.57	-5.72	-2.72	0.00	0.00	0.02	0.05	0.01	0.13	0.45	0.57	0.70	1.35	1.14	0.89	0.70	0.34	0.00	0.00			
ADK RESOURCE___RCVRY		22.75	21.67	21.03	20.62	21.06	22.30	23.42	23.65	23.30	22.82	22.90	23.60	23.94	24.83	26.75	29.17	31.81	39.20	40.78	39.75	35.58	31.05	24.36	22.82			
23798		0.76	0.54	0.46	0.37	0.50	0.75	1.16	1.41	1.58	1.39	1.30	1.36	1.48	1.65	1.83	2.23	2.60	3.48	3.78	3.59	3.21	2.67	1.89	1.55			
		-10.43	-12.67	-13.31	-14.38	-12.69	-10.58	-5.73	-2.73	0.00	0.00	0.02	0.05	0.01	0.13	0.45	0.56	0.70	1.34	1.14	0.89	0.70	0.34	0.00	0.00			
ADK S GLENS___FALLS		22.67	21.61	20.97	20.57	21.01	22.21	23.30	23.49	23.12	22.65	22.82	23.44	23.81	24.62	26.52	28.92	31.44	38.78	40.32	39.30	35.18	30.73	24.18	22.67			
24028		0.69	0.49	0.41	0.33	0.46	0.67	1.04	1.25	1.41	1.22	1.21	1.20	1.35	1.44	1.60	1.98	2.24	3.08	3.32	3.15	2.81	2.35	1.71	1.40			
		-10.42	-12.66	-13.30	-14.37	-12.68	-10.57	-5.72	-2.72	0.00	0.00	0.02	0.05	0.01	0.13	0.45	0.57	0.70	1.35	1.14	0.89	0.70	0.34	0.00	0.00			
ADK_NYS___DAM		21.97	20.90	20.30	19.89	20.35	21.55	22.63	22.77	22.45	22.01	22.15	22.74	23.03	23.68	25.08	27.06	29.34	35.62	37.19	36.52	32.79	29.07	23.28	22.01			
23527		0.39	0.27	0.25	0.21	0.29	0.42	0.59	0.64	0.74	0.58	0.56	0.56	0.58	0.63	0.61	0.69	0.84	1.26	1.33	1.26	1.13	1.03	0.81	0.74			
		-10.02	-12.17	-12.79	-13.82	-12.19	-10.16	-5.50	-2.61	0.00	0.00	0.04	0.11	0.02	0.25	0.90	1.13	1.40	2.70	2.28	1.79	1.41	0.68	0.00	0.00			
AIR_PRODUCTS___DRP		21.65	20.71	20.13	19.78	20.16	21.23	22.09	22.14	21.78	21.37	21.59	22.20	22.48	23.19	24.96	27.11	29.37	36.24	37.47	36.55	32.68	28.63	22.58	21.29			
24190		0.01	0.01	0.01	0.01	0.02	0.03	0.02	0.00	0.07	-0.06	-0.02	-0.04	0.02	0.00	-0.03	0.08	0.06	0.33	0.31	0.26	0.20	0.20	0.11	0.02			
		-10.08	-12.25	-12.87	-13.91	-12.27	-10.23	-5.54	-2.63	0.00	0.00	0.02	0.05	0.01	0.11	0.38	0.48	0.59	1.15	0.97	0.76	0.60	0.29	0.00	0.00			
AKWESSNE_115KV_BK		10.28	7.59	6.64	5.40	7.04	9.74	14.43	17.08	19.06	18.71	19.14	19.75	19.62	20.32	22.27	24.06	26.43	33.39	34.86	32.97	29.34	25.38	19.93	18.67			
355683		-1.44	-1.07	-0.83	-0.70	-1.04	-1.40	-2.20	-2.48	-2.65	-2.72	-2.49	-2.54	-2.85	-2.98	-3.10	-3.44	-3.47	-3.67	-3.28	-4.08	-3.74	-3.33	-2.54	-2.59			
		-0.17	-0.21	-0.22	-0.23	-0.21	-0.17	-0.09	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY___1		21.65	20.71	20.13	19.78	20.16	21.23	22.09	22.14	21.78	21.37	21.59	22.20	22.48	23.19	24.96	27.11	29.37	36.24	37.47	36.55	32.68	28.63	22.58	21.29			
23571		0.01	0.01	0.01	0.01	0.02	0.03	0.02	0.00	0.07	-0.06	-0.02	-0.04	0.02	0.00	-0.03	0.08	0.06	0.33	0.31	0.26	0.20	0.20	0.11	0.02			
		-10.08	-12.25	-12.87	-13.91	-12.27	-10.23	-5.54	-2.63	0.00	0.00	0.02	0.05	0.01	0.11	0.38	0.48	0.59	1.15	0.97	0.76	0.60	0.29	0.00	0.00			
ALBANY___2		21.65	20.71	20.13	19.78	20.16	21.23	22.09	22.14	21.78	21.37	21.59	22.20	22.48	23.19	24.96	27.11	29.37	36.24	37.47	36.55	32.68	28.63	22.58	21.29			
23572		0.01	0.01	0.01	0.01	0.02	0.03	0.02	0.00	0.07	-0.06	-0.02	-0.04	0.02	0.00	-0.03	0.08	0.06	0.33	0.31	0.26	0.20	0.20	0.11	0.02			
		-10.08	-12.25	-12.87	-13.91	-12.27	-10.23	-5.54	-2.63	0.00	0.00	0.02	0.05	0.01	0.11	0.38	0.48	0.59	1.15	0.97	0.76	0.60	0.29	0.00	0.00			
ALBANY___3		21.65	20.71	20.13	19.78	20.16	21.23	22.09	22.14	21.78	21.37	21.59	22.20	22.48	23.19	24.96	27.11	29.37	36.24	37.47	36.55	32.68	28.63	22.58	21.29			
23573		0.01	0.01	0.01	0.01	0.02	0.03	0.02	0.00	0.07	-0.06	-0.02	-0.04	0.02	0.00	-0.03	0.08	0.06	0.33	0.31	0.26	0.20	0.20	0.11	0.02			
		-10.08	-12.25	-12.87	-13.91	-12.27	-10.23	-5.54	-2.63	0.00	0.00	0.02	0.05	0.01	0.11	0.38	0.48	0.59	1.15	0.97	0.76	0.60	0.29	0.00	0.00			

ALBANY___4 23574	21.65 0.01 -10.08	20.71 0.01 -12.25	20.13 0.01 -12.87	19.78 0.01 -13.91	20.16 0.02 -12.27	21.23 0.03 -10.23	22.09 0.02 -5.54	22.14 0.00 -2.63	21.78 0.07 0.00	21.37 -0.06 0.00	21.59 -0.02 0.02	22.20 -0.04 0.05	22.48 0.02 0.01	23.19 0.00 0.11	24.96 -0.03 0.38	27.11 0.08 0.48	29.37 0.06 0.59	36.24 0.33 1.15	37.47 0.31 0.97	36.55 0.26 0.76	32.68 0.20 0.60	28.63 0.20 0.29	22.58 0.11 0.00	21.29 0.02 0.00
ALBANY___LFGE 323615	21.86 0.13 -10.18	20.90 0.08 -12.36	20.32 0.07 -12.99	19.96 0.06 -14.03	20.35 0.09 -12.38	21.43 0.13 -10.32	22.29 0.17 -5.59	22.37 0.20 -2.66	21.97 0.26 0.00	21.58 0.15 0.00	21.78 0.17 0.02	22.42 0.18 0.05	22.64 0.18 0.01	23.44 0.26 0.12	25.24 0.28 0.41	27.32 0.33 0.52	29.68 0.42 0.64	36.56 0.74 1.23	37.86 0.76 1.04	36.93 0.70 0.82	33.06 0.63 0.64	28.92 0.52 0.31	22.83 0.36 0.00	21.53 0.26 0.00
ALCOA_PA_115KV_PL-6C 55860	10.32 -1.41 -0.18	7.63 -1.05 -0.22	6.67 -0.81 -0.23	5.43 -0.68 -0.25	7.07 -1.02 -0.22	9.78 -1.37 -0.18	14.50 -2.13 -0.10	17.16 -2.40 -0.05	19.13 -2.58 0.00	18.75 -2.68 0.00	19.18 -2.44 0.00	19.79 -2.50 0.00	19.64 -2.83 0.00	20.34 -2.96 0.00	22.30 -3.07 0.00	24.09 -3.41 0.01	26.46 -3.44 0.00	33.46 -3.59 0.00	34.90 -3.24 0.00	33.01 -4.04 0.00	29.40 -3.67 0.00	25.47 -3.24 0.00	20.02 -2.45 0.00	18.76 -2.51 0.00
ALCOA_RYNLDS___DRP 24188	10.32 -1.41 -0.18	7.63 -1.05 -0.22	6.67 -0.81 -0.23	5.43 -0.68 -0.25	7.07 -1.02 -0.22	9.78 -1.37 -0.18	14.50 -2.13 -0.10	17.16 -2.40 -0.05	19.13 -2.58 0.00	18.75 -2.68 0.00	19.18 -2.44 0.00	19.79 -2.50 0.00	19.64 -2.83 0.00	20.34 -2.96 0.00	22.30 -3.07 0.00	24.09 -3.41 0.01	26.46 -3.44 0.00	33.46 -3.59 0.00	34.90 -3.24 0.00	33.01 -4.04 0.00	29.40 -3.67 0.00	25.47 -3.24 0.00	20.02 -2.45 0.00	18.76 -2.51 0.00
ALCOA___DSASP 323711	10.32 -1.41 -0.18	7.63 -1.05 -0.22	6.67 -0.81 -0.23	5.43 -0.68 -0.25	7.07 -1.02 -0.22	9.78 -1.37 -0.18	14.50 -2.13 -0.10	17.16 -2.40 -0.05	19.13 -2.58 0.00	18.75 -2.68 0.00	19.18 -2.44 0.00	19.79 -2.50 0.00	19.64 -2.83 0.00	20.32 -2.98 0.00	22.30 -3.07 0.00	24.06 -3.44 0.01	26.46 -3.44 0.00	33.42 -3.63 0.00	34.90 -3.24 0.00	33.01 -4.04 0.00	29.40 -3.67 0.00	25.47 -3.24 0.00	20.02 -2.45 0.00	18.76 -2.51 0.00
ALLEGHENY___COGEN 23514	13.65 0.67 -1.42	10.67 0.48 -1.73	9.47 0.40 -1.81	8.14 0.32 -1.96	10.03 0.43 -1.73	13.03 0.61 -1.44	18.13 0.81 -0.78	20.75 0.86 -0.38	22.41 0.69 0.00	22.16 0.73 0.00	22.40 0.78 0.00	23.20 0.91 0.00	23.42 0.94 0.00	24.30 1.00 0.00	26.36 0.99 0.00	28.77 1.27 0.00	30.38 0.48 0.00	37.39 0.33 0.00	38.90 0.76 0.00	38.34 1.30 0.00	34.30 1.22 0.00	29.72 1.00 0.00	24.04 1.57 0.00	22.69 1.43 0.00
ALTAMONT_115KV_TB 2 55880	21.86 0.21 -10.09	20.87 0.15 -12.26	20.27 0.13 -12.88	19.89 0.11 -13.92	20.29 0.14 -12.28	21.42 0.21 -10.24	22.38 0.30 -5.54	22.38 0.25 -2.62	22.04 0.33 0.00	21.67 0.24 0.00	21.87 0.26 0.01	22.50 0.25 0.03	22.76 0.29 0.01	23.50 0.28 0.08	25.38 0.28 0.27	27.55 0.39 0.34	29.87 0.39 0.42	37.03 0.82 0.84	38.27 0.84 0.71	37.27 0.78 0.55	33.33 0.69 0.44	29.13 0.63 0.21	22.94 0.47 0.00	21.65 0.38 0.00
ALTONA_WT_PWR 323606	10.43 -1.29 -0.17	7.71 -0.96 -0.21	6.73 -0.74 -0.22	5.47 -0.63 -0.23	7.12 -0.95 -0.21	9.87 -1.27 -0.17	14.66 -1.97 -0.09	17.43 -2.13 -0.04	19.56 -2.15 0.00	19.20 -2.23 0.00	19.61 -2.01 0.00	20.24 -2.05 0.00	20.16 -2.31 0.00	20.85 -2.45 0.00	22.86 -2.51 0.00	24.66 -2.83 0.01	27.15 -2.75 0.00	34.31 -2.74 0.00	35.92 -2.21 0.00	33.97 -3.07 0.00	30.23 -2.84 0.00	26.10 -2.61 0.00	20.43 -2.04 0.00	19.10 -2.17 0.00
AMERICAN_REF_FUEL 24010	12.83 -0.02 -1.30	10.03 0.00 -1.57	8.95 0.04 -1.65	7.69 0.04 -1.79	9.47 0.02 -1.58	12.23 -0.05 -1.31	16.99 -0.27 -0.71	19.33 -0.53 -0.35	21.11 -0.61 0.00	21.15 -0.28 0.00	21.47 -0.15 0.00	22.16 -0.13 0.00	22.47 0.00 0.00	23.35 0.05 0.00	25.19 -0.18 0.00	27.37 -0.14 0.00	29.54 -0.36 0.00	35.53 -1.52 0.00	36.54 -1.60 0.00	35.94 -1.11 0.00	32.21 -0.86 0.00	28.00 -0.72 0.00	22.34 -0.13 0.00	21.33 0.06 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	13.28 0.27 -1.46	10.41 0.19 -1.77	9.26 0.15 -1.86	7.98 0.11 -2.01	9.78 0.13 -1.77	12.59 0.14 -1.48	17.62 0.28 -0.80	20.22 0.31 -0.40	22.36 0.65 0.00	22.72 1.29 0.00	23.20 1.58 0.00	24.05 1.76 0.00	24.36 1.89 0.00	25.40 2.10 0.00	27.37 2.00 0.00	29.76 2.26 0.00	32.20 2.30 0.00	38.91 1.85 0.00	40.04 1.91 0.00	39.12 2.07 0.00	34.89 1.82 0.00	30.12 1.41 0.00	23.87 1.39 0.00	22.42 1.15 0.00
ARTHUR_KILL_GT_1 23520	20.11 0.65 -7.91	18.59 0.52 -9.61	17.78 0.43 -10.10	17.11 0.34 -10.91	17.90 0.41 -9.62	19.48 0.48 -8.02	21.66 0.78 -4.34	22.64 1.07 -2.05	23.04 1.32 0.00	22.63 1.20 0.00	22.88 1.23 -0.02	23.56 1.20 -0.07	23.61 1.12 -0.01	24.81 1.35 -0.16	27.52 1.60 -0.55	29.57 1.37 -0.69	32.07 1.31 -0.85	41.11 2.41 -1.65	41.78 2.25 -1.40	40.10 1.96 -1.09	35.65 1.72 -0.86	30.95 1.81 -0.42	23.93 1.46 0.00	22.57 1.30 0.00
ARTHUR_KILL_2 23512	20.09 0.62 -7.91	18.57 0.51 -9.61	17.77 0.41 -10.10	17.10 0.33 -10.91	17.89 0.39 -9.62	19.46 0.46 -8.02	21.63 0.74 -4.34	22.60 1.03 -2.05	22.97 1.26 0.00	22.59 1.16 0.00	22.83 1.19 -0.02	23.52 1.16 -0.07	23.54 1.06 -0.01	24.74 1.28 -0.16	27.47 1.55 -0.55	29.52 1.32 -0.69	32.01 1.26 -0.85	41.00 2.30 -1.65	41.63 2.10 -1.40	39.99 1.85 -1.09	35.55 1.62 -0.86	30.86 1.72 -0.42	23.89 1.42 0.00	22.50 1.23 0.00
ARTHUR_KILL_3 23513	19.96 0.50 -7.91	18.47 0.41 -9.61	17.69 0.34 -10.10	17.03 0.26 -10.91	17.80 0.31 -9.62	19.39 0.39 -8.02	21.53 0.64 -4.34	22.47 0.90 -2.05	22.84 1.13 0.00	22.48 1.05 0.00	22.73 1.08 -0.02	23.40 1.05 -0.07	23.43 0.94 -0.01	24.57 1.12 -0.16	27.24 1.32 -0.55	29.49 1.29 -0.69	32.08 1.31 -0.86	40.79 2.07 -1.66	41.49 1.94 -1.40	39.89 1.74 -1.10	35.49 1.55 -0.86	30.59 1.46 -0.42	23.60 1.12 0.00	22.23 0.96 0.00
ARTHUR_KILL_COGEN 323718	20.11 0.65 -7.91	18.59 0.52 -9.61	17.78 0.43 -10.10	17.11 0.34 -10.91	17.90 0.41 -9.62	19.48 0.48 -8.02	21.66 0.78 -4.34	22.64 1.07 -2.05	23.04 1.32 0.00	22.63 1.20 0.00	22.88 1.23 -0.02	23.56 1.20 -0.07	23.61 1.12 -0.01	24.81 1.35 -0.16	27.52 1.60 -0.55	29.57 1.37 -0.69	32.07 1.31 -0.85	41.11 2.41 -1.65	41.78 2.25 -1.40	40.10 1.96 -1.09	35.65 1.72 -0.86	30.95 1.81 -0.42	23.93 1.46 0.00	22.57 1.30 0.00
ASHOKAN____ 23654	20.26 -0.16 -8.87	19.12 -0.11 -10.77	18.43 -0.15 -11.32	17.98 -0.11 -12.23	18.46 -0.20 -10.79	19.77 -0.20 -8.99	21.31 -0.10 -4.87	21.76 -0.06 -2.30	22.17 0.46 0.00	21.71 0.28 0.00	22.40 0.78 0.00	23.14 0.85 0.00	22.74 0.27 0.00	24.14 0.84 0.00	26.31 0.94 0.00	28.61 1.10 0.00	31.07 1.16 0.00	38.91 1.85 0.00	39.97 1.83 0.00	38.67 1.63 0.00	34.69 1.62 0.00	30.12 1.41 0.00	23.37 0.90 0.00	21.80 0.53 0.00

ASTORIA_EAST_ENERGY_CC1 323581	19.94 0.47 -7.91	18.51 0.45 -9.61	17.72 0.36 -10.10	17.04 0.26 -10.91	17.80 0.31 -9.62	19.39 0.39 -8.02	21.45 0.58 -4.33	22.44 0.88 -2.05	22.83 1.13 0.01	22.45 1.03 0.01	22.70 1.06 -0.01	23.35 1.00 -0.06	23.40 0.92 -0.01	24.54 1.10 -0.15	27.18 1.27 -0.54	29.43 1.24 -0.69	31.98 1.23 -0.85	40.78 2.07 -1.65	41.40 1.87 -1.40	39.81 1.67 -1.09	35.42 1.49 -0.86	30.53 1.41 -0.41	23.51 1.03 0.00	22.18 0.91 0.00
ASTORIA_EAST_ENERGY_CC2 323582	19.94 0.47 -7.91	18.51 0.45 -9.61	17.72 0.36 -10.10	17.04 0.26 -10.91	17.80 0.31 -9.62	19.39 0.39 -8.02	21.45 0.58 -4.33	22.44 0.88 -2.05	22.83 1.13 0.01	22.45 1.03 0.01	22.70 1.06 -0.01	23.35 1.00 -0.06	23.40 0.92 -0.01	24.54 1.10 -0.15	27.18 1.27 -0.54	29.43 1.24 -0.69	31.98 1.23 -0.85	40.78 2.07 -1.65	41.40 1.87 -1.40	39.81 1.67 -1.09	35.42 1.49 -0.86	30.53 1.41 -0.41	23.51 1.03 0.00	22.18 0.91 0.00
ASTORIA_GT2_1 24094	19.95 0.49 -7.91	18.51 0.45 -9.61	17.72 0.37 -10.10	17.04 0.27 -10.91	17.81 0.31 -9.62	19.40 0.41 -8.02	21.48 0.60 -4.34	22.45 0.88 -2.05	22.89 1.17 0.00	22.48 1.05 0.00	22.75 1.10 -0.02	23.38 1.03 -0.07	23.54 1.06 -0.01	24.57 1.12 -0.16	27.22 1.29 -0.55	29.58 1.38 -0.69	32.02 1.26 -0.86	40.86 2.15 -1.66	41.49 1.95 -1.40	39.81 1.67 -1.10	35.39 1.46 -0.86	30.54 1.41 -0.42	23.51 1.03 0.00	22.20 0.94 0.00
ASTORIA_GT2_2 24095	19.95 0.49 -7.91	18.51 0.45 -9.61	17.72 0.37 -10.10	17.04 0.27 -10.91	17.81 0.31 -9.62	19.40 0.41 -8.02	21.48 0.60 -4.34	22.45 0.88 -2.05	22.89 1.17 0.00	22.48 1.05 0.00	22.75 1.10 -0.02	23.38 1.03 -0.07	23.54 1.06 -0.01	24.57 1.12 -0.16	27.22 1.29 -0.55	29.58 1.38 -0.69	32.02 1.26 -0.86	40.86 2.15 -1.66	41.49 1.95 -1.40	39.81 1.67 -1.10	35.39 1.46 -0.86	30.54 1.41 -0.42	23.51 1.03 0.00	22.20 0.94 0.00
ASTORIA_GT2_3 24096	19.95 0.49 -7.91	18.51 0.45 -9.61	17.72 0.37 -10.10	17.04 0.27 -10.91	17.81 0.31 -9.62	19.40 0.41 -8.02	21.48 0.60 -4.34	22.45 0.88 -2.05	22.89 1.17 0.00	22.48 1.05 0.00	22.75 1.10 -0.02	23.38 1.03 -0.07	23.54 1.06 -0.01	24.57 1.12 -0.16	27.22 1.29 -0.55	29.58 1.38 -0.69	32.02 1.26 -0.86	40.86 2.15 -1.66	41.49 1.95 -1.40	39.81 1.67 -1.10	35.39 1.46 -0.86	30.54 1.41 -0.42	23.51 1.03 0.00	22.20 0.94 0.00
ASTORIA_GT2_4 24097	19.95 0.49 -7.91	18.51 0.45 -9.61	17.72 0.37 -10.10	17.04 0.27 -10.91	17.81 0.31 -9.62	19.40 0.41 -8.02	21.48 0.60 -4.34	22.45 0.88 -2.05	22.89 1.17 0.00	22.48 1.05 0.00	22.75 1.10 -0.02	23.38 1.03 -0.07	23.54 1.06 -0.01	24.57 1.12 -0.16	27.22 1.29 -0.55	29.58 1.38 -0.69	32.02 1.26 -0.86	40.86 2.15 -1.66	41.49 1.95 -1.40	39.81 1.67 -1.10	35.39 1.46 -0.86	30.54 1.41 -0.42	23.51 1.03 0.00	22.20 0.94 0.00
ASTORIA_GT3_1 24098	19.95 0.49 -7.91	18.51 0.45 -9.61	17.72 0.37 -10.10	17.04 0.27 -10.91	17.81 0.31 -9.62	19.40 0.41 -8.02	21.48 0.60 -4.34	22.45 0.88 -2.05	22.89 1.17 0.00	22.48 1.05 0.00	22.75 1.10 -0.02	23.38 1.03 -0.07	23.54 1.06 -0.01	24.57 1.12 -0.16	27.22 1.29 -0.55	29.58 1.38 -0.69	32.02 1.26 -0.86	40.86 2.15 -1.66	41.49 1.95 -1.40	39.81 1.67 -1.10	35.39 1.46 -0.86	30.54 1.41 -0.42	23.51 1.03 0.00	22.20 0.94 0.00
ASTORIA_GT3_2 24099	19.95 0.49 -7.91	18.51 0.45 -9.61	17.72 0.37 -10																					

ASTORIA_GT_10 24110	19.98 0.52 -7.91	18.51 0.44 -9.61	17.72 0.36 -10.10	17.05 0.28 -10.91	17.83 0.34 -9.62	19.42 0.43 -8.02	21.58 0.69 -4.34	22.56 1.00 -2.05	22.99 1.28 0.00	22.59 1.16 0.00	22.86 1.21 -0.02	23.52 1.16 -0.07	23.68 1.19 -0.01	24.71 1.26 -0.16	27.37 1.45 -0.55	29.74 1.54 -0.69	32.23 1.47 -0.86	41.12 2.41 -1.66	41.75 2.21 -1.40	40.11 1.96 -1.10	35.66 1.72 -0.86	30.74 1.61 -0.42	23.62 1.15 0.00	22.27 1.00 0.00
ASTORIA_GT_11 24225	19.98 0.52 -7.91	18.51 0.44 -9.61	17.72 0.36 -10.10	17.05 0.28 -10.91	17.83 0.34 -9.62	19.42 0.43 -8.02	21.58 0.69 -4.34	22.56 1.00 -2.05	22.99 1.28 0.00	22.59 1.16 0.00	22.86 1.21 -0.02	23.52 1.16 -0.07	23.68 1.19 -0.01	24.71 1.26 -0.16	27.37 1.45 -0.55	29.74 1.54 -0.69	32.23 1.47 -0.86	41.12 2.41 -1.66	41.75 2.21 -1.40	40.11 1.96 -1.10	35.66 1.72 -0.86	30.74 1.61 -0.42	23.62 1.15 0.00	22.27 1.00 0.00
ASTORIA_GT_12 24226	19.99 0.52 -7.91	18.51 0.44 -9.61	17.72 0.36 -10.10	17.05 0.28 -10.91	17.83 0.34 -9.62	19.42 0.43 -8.02	21.58 0.69 -4.34	22.56 0.99 -2.05	22.97 1.26 0.00	22.59 1.16 0.00	22.81 1.17 -0.02	23.49 1.14 -0.07	23.54 1.06 -0.01	24.69 1.23 -0.16	27.37 1.45 -0.55	29.63 1.43 -0.69	32.20 1.44 -0.86	41.09 2.37 -1.66	41.71 2.17 -1.40	40.11 1.96 -1.10	35.69 1.75 -0.86	30.74 1.61 -0.42	23.64 1.17 0.00	22.27 1.00 0.00
ASTORIA_GT_13 24227	19.99 0.52 -7.91	18.51 0.44 -9.61	17.72 0.36 -10.10	17.05 0.28 -10.91	17.83 0.34 -9.62	19.42 0.43 -8.02	21.58 0.69 -4.34	22.56 0.99 -2.05	22.97 1.26 0.00	22.59 1.16 0.00	22.81 1.17 -0.02	23.49 1.14 -0.07	23.54 1.06 -0.01	24.69 1.23 -0.16	27.37 1.45 -0.55	29.63 1.43 -0.69	32.20 1.44 -0.86	41.09 2.37 -1.66	41.71 2.17 -1.40	40.11 1.96 -1.10	35.69 1.75 -0.86	30.74 1.61 -0.42	23.64 1.17 0.00	22.27 1.00 0.00
ASTORIA_GT_5 24106	19.96 0.50 -7.91	18.53 0.46 -9.61	17.73 0.38 -10.10	17.05 0.28 -10.91	17.82 0.32 -9.62	19.41 0.42 -8.02	21.50 0.63 -4.33	22.48 0.92 -2.05	22.90 1.19 0.01	22.49 1.07 0.01	22.74 1.10 -0.01	23.40 1.05 -0.06	23.44 0.97 -0.01	24.59 1.14 -0.15	27.26 1.34 -0.54	29.51 1.32 -0.69	32.04 1.28 -0.85	40.89 2.19 -1.65	41.52 1.98 -1.40	39.91 1.78 -1.09	35.49 1.55 -0.86	30.59 1.46 -0.41	23.55 1.08 0.00	22.23 0.96 0.00
ASTORIA_GT_7 24107	19.96 0.50 -7.91	18.53 0.46 -9.61	17.73 0.38 -10.10	17.05 0.28 -10.91	17.82 0.32 -9.62	19.41 0.42 -8.02	21.50 0.63 -4.33	22.48 0.92 -2.05	22.90 1.19 0.01	22.49 1.07 0.01	22.74 1.10 -0.01	23.40 1.05 -0.06	23.44 0.97 -0.01	24.59 1.14 -0.15	27.26 1.34 -0.54	29.51 1.32 -0.69	32.04 1.28 -0.85	40.89 2.19 -1.65	41.52 1.98 -1.40	39.91 1.78 -1.09	35.49 1.55 -0.86	30.59 1.46 -0.41	23.55 1.08 0.00	22.23 0.96 0.00
ASTORIA_GT_8 24108	19.96 0.50 -7.91	18.53 0.47 -9.61	17.73 0.38 -10.10	17.05 0.28 -10.91	17.82 0.32 -9.62	19.41 0.42 -8.02	21.51 0.63 -4.34	22.49 0.92 -2.05	22.93 1.22 0.00	22.52 1.09 0.00	22.79 1.15 -0.02	23.43 1.07 -0.07	23.59 1.10 -0.01	24.62 1.16 -0.16	27.24 1.32 -0.55	29.63 1.43 -0.69	32.08 1.32 -0.86	40.94 2.22 -1.66	41.56 2.02 -1.40	39.89 1.74 -1.10	35.46 1.52 -0.86	30.59 1.46 -0.42	23.53 1.06 0.00	22.23 0.96 0.00
ASTORIA___2 24149	19.95 0.49 -7.91	18.51 0.45 -9.61	17.72 0.37 -10.10	17.04 0.27 -10.91	17.81 0.32 -9.62	19.40 0.41 -8.02	21.47 0.59 -4.33	22.44 0.88 -2.05	22.86 1.15 0.01	22.45 1.03 0.01	22.70 1.06 -0.01	23.35 1.00 -0.06	23.42 0.94 -0.01	24.54 1.10 -0.15	27.21 1.29 -0.54	29.46 1.27 -0.69	31.98 1.23 -0.85	40.78 2.07 -1.65	41.44 1.91 -1.40	39.84 1.71 -1.09	35.42 1.49 -0.86	30.53 1.41 -0.41	23.53 1.06 0.00	22.20 0.93 0.00
ASTORIA___3 23516	19.99 0.52 -7.91	18.51 0.44 -9.61	17.72 0.36 -10.10	17.05 0.28 -10.91	17.83 0.34 -9.62	19.42 0.43 -8.02	21.58 0.69 -4.34	22.56 0.99 -2.05	22.97 1.26 0.00	22.59 1.16 0.00	22.81 1.17 -0.02	23.49 1.14 -0.07	23.54 1.06 -0.01	24.69 1.23 -0.16	27.37 1.45 -0.55	29.63 1.43 -0.69	32.20 1.44 -0.86	41.09 2.37 -1.66	41.71 2.17 -1.40	40.11 1.96 -1.10	35.69 1.75 -0.86	30.74 1.61 -0.42	23.64 1.17 0.00	22.27 1.00 0.00
ASTORIA___4 23517	19.98 0.52 -7.91	18.51 0.44 -9.61	17.72 0.36 -10.10	17.05 0.28 -10.91	17.83 0.34 -9.62	19.42 0.43 -8.02	21.58 0.69 -4.34	22.56 1.00 -2.05	22.99 1.28 0.00	22.59 1.16 0.00	22.86 1.21 -0.02	23.52 1.16 -0.07	23.68 1.19 -0.01	24.71 1.26 -0.16	27.37 1.45 -0.55	29.74 1.54 -0.69	32.23 1.47 -0.86	41.12 2.41 -1.66	41.75 2.21 -1.40	40.11 1.96 -1.10	35.66 1.72 -0.86	30.74 1.61 -0.42	23.62 1.15 0.00	22.27 1.00 0.00
ASTORIA___5 23518	19.99 0.52 -7.91	18.51 0.44 -9.61	17.72 0.36 -10.10	17.05 0.28 -10.91	17.83 0.34 -9.62	19.42 0.43 -8.02	21.58 0.69 -4.34	22.56 0.99 -2.05	22.97 1.26 0.00	22.59 1.16 0.00	22.81 1.17 -0.02	23.49 1.14 -0.07	23.54 1.06 -0.01	24.69 1.23 -0.16	27.37 1.45 -0.55	29.63 1.43 -0.69	32.20 1.44 -0.86	41.09 2.37 -1.66	41.71 2.17 -1.40	40.11 1.96 -1.10	35.69 1.75 -0.86	30.74 1.61 -0.42	23.64 1.17 0.00	22.27 1.00 0.00
AST_ENERGY_2_CC3 323677	19.97 0.51 -7.91	18.48 0.41 -9.61	17.70 0.35 -10.10	17.04 0.27 -10.91	17.82 0.33 -9.62	19.41 0.42 -8.02	21.56 0.68 -4.34	22.49 0.94 -2.04	22.89 1.19 0.02	22.51 1.09 0.02	22.75 1.12 -0.01	23.43 1.09 -0.05	23.46 0.99 0.00	24.60 1.16 -0.14	27.28 1.37 -0.54	29.56 1.37 -0.68	32.15 1.41 -0.84	40.92 2.22 -1.64	41.58 2.06 -1.39	39.98 1.85 -1.08	35.58 1.65 -0.85	30.63 1.52 -0.40	23.62 1.15 0.00	22.23 0.96 0.00
AST_ENERGY_2_CC4 323678	19.97 0.51 -7.91	18.48 0.41 -9.61	17.70 0.35 -10.10	17.04 0.27 -10.91	17.82 0.33 -9.62	19.41 0.42 -8.02	21.56 0.68 -4.34	22.49 0.94 -2.04	22.89 1.19 0.02	22.51 1.09 0.02	22.75 1.12 -0.01	23.43 1.09 -0.05	23.46 0.99 0.00	24.60 1.16 -0.14	27.28 1.37 -0.54	29.56 1.37 -0.68	32.15 1.41 -0.84	40.92 2.22 -1.64	41.58 2.06 -1.39	39.98 1.85 -1.08	35.58 1.65 -0.85	30.63 1.52 -0.40	23.62 1.15 0.00	22.23 0.96 0.00
ATHENS_STG_1 23668	21.03 0.25 -9.22	19.86 0.19 -11.20	19.20 0.17 -11.77	18.72 0.13 -12.72	19.27 0.17 -11.22	20.57 0.24 -9.35	21.97 0.36 -5.06	22.35 0.43 -2.40	22.26 0.54 0.00	21.90 0.47 0.00	22.10 0.48 0.00	22.76 0.47 0.00	22.92 0.45 0.00	23.77 0.47 0.00	25.85 0.48 0.00	28.03 0.52 0.00	30.47 0.57 0.00	37.87 0.81 0.00	38.94 0.80 0.00	37.83 0.78 0.00	33.77 0.70 0.00	29.37 0.66 0.00	22.97 0.49 0.00	21.67 0.40 0.00
ATHENS_STG_2 23670	21.03 0.25 -9.22	19.86 0.19 -11.20	19.20 0.17 -11.77	18.72 0.13 -12.72	19.27 0.17 -11.22	20.57 0.24 -9.35	21.97 0.36 -5.06	22.35 0.43 -2.40	22.26 0.54 0.00	21.90 0.47 0.00	22.10 0.48 0.00	22.76 0.47 0.00	22.92 0.45 0.00	23.77 0.47 0.00	25.85 0.48 0.00	28.03 0.52 0.00	30.47 0.57 0.00	37.87 0.81 0.00	38.94 0.80 0.00	37.83 0.78 0.00	33.77 0.70 0.00	29.37 0.66 0.00	22.97 0.49 0.00	21.67 0.40 0.00

ATHENS_STG_3 23677	21.03 0.25 -9.22	19.86 0.19 -11.20	19.20 0.17 -11.77	18.72 0.13 -12.72	19.27 0.17 -11.22	20.57 0.24 -9.35	21.97 0.36 -5.06	22.35 0.43 -2.40	22.26 0.54 0.00	21.90 0.47 0.00	22.10 0.48 0.00	22.76 0.47 0.00	22.92 0.45 0.00	23.77 0.47 0.00	25.85 0.48 0.00	28.03 0.52 0.00	30.47 0.57 0.00	37.87 0.81 0.00	38.94 0.80 0.00	37.83 0.78 0.00	33.77 0.70 0.00	29.37 0.66 0.00	22.97 0.49 0.00	21.67 0.40 0.00
AUBURN___LFGE 323710	12.76 0.15 -1.06	9.85 0.11 -1.28	8.69 0.09 -1.35	7.38 0.06 -1.46	9.26 0.10 -1.28	12.21 0.16 -1.07	17.42 0.30 -0.58	20.19 0.39 -0.28	22.19 0.48 0.00	21.99 0.56 0.00	22.19 0.56 0.00	22.82 0.53 0.00	23.12 0.65 0.00	24.00 0.70 0.00	26.13 0.76 0.00	28.30 0.80 0.00	30.80 0.90 0.00	37.94 0.89 0.00	39.13 0.99 0.00	38.05 1.00 0.00	34.00 0.93 0.00	29.40 0.69 0.00	22.83 0.36 0.00	21.63 0.36 0.00
BABYLON_RES_REC 323704	20.29 0.82 -7.91	18.55 0.48 -9.61	17.76 0.41 -10.10	17.10 0.33 -10.91	18.02 0.52 -9.62	19.69 0.69 -8.02	21.69 0.81 -4.34	22.66 1.09 -2.06	23.08 1.37 0.00	22.69 1.26 0.00	22.83 1.19 -0.02	23.52 1.16 -0.07	23.59 1.10 -0.01	24.67 1.21 -0.16	27.57 1.65 -0.55	29.74 1.54 -0.69	32.53 1.76 -0.86	40.94 2.22 -1.66	41.37 1.83 -1.40	40.37 2.22 -1.10	36.09 2.15 -0.86	31.37 2.24 -0.42	24.29 1.82 0.00	22.84 1.57 0.00
BABYLON__69_KV_BK2 356345	20.32 0.86 -7.91	18.62 0.55 -9.61	17.82 0.46 -10.10	17.15 0.38 -10.91	18.09 0.60 -9.62	19.80 0.80 -8.02	21.81 0.93 -4.34	22.80 1.23 -2.06	23.23 1.52 0.00	22.85 1.41 0.00	23.20 1.56 -0.02	23.74 1.38 -0.07	24.28 1.80 -0.01	25.11 1.65 -0.16	28.08 2.16 -0.55	30.40 2.20 -0.70	32.95 2.18 -0.86	42.09 3.37 -1.66	42.55 3.01 -1.40	41.03 2.89 -1.10	36.62 2.68 -0.86	31.57 2.44 -0.42	24.34 1.87 0.00	23.06 1.79 0.00
BARON_WINDS___WT_PWR 323822	13.64 0.28 -1.81	10.85 0.19 -2.20	9.73 0.16 -2.31	8.49 0.13 -2.50	10.24 0.17 -2.20	13.02 0.21 -1.84	17.81 0.28 -0.99	20.25 0.25 -0.49	22.08 0.37 0.00	22.10 0.67 0.00	22.42 0.80 0.00	23.20 0.91 0.00	23.44 0.97 0.00	24.40 1.10 0.00	26.43 1.07 0.00	28.71 1.21 0.00	31.10 1.20 0.00	37.83 0.78 0.00	38.98 0.84 0.00	38.05 1.00 0.00	34.03 0.96 0.00	29.46 0.75 0.00	23.28 0.81 0.00	22.06 0.79 0.00
BARRETT_IC_1 23704	20.20 0.73 -7.91	18.52 0.45 -9.61	17.73 0.38 -10.10	17.08 0.30 -10.91	17.95 0.46 -9.62	19.61 0.61 -8.02	21.66 0.78 -4.34	22.60 1.03 -2.06	22.91 1.19 0.00	22.52 1.09 0.00	22.79 1.15 -0.02	23.47 1.11 -0.07	23.61 1.12 -0.01	24.76 1.30 -0.16	27.65 1.73 -0.55	29.77 1.57 -0.69	32.44 1.67 -0.86	40.86 2.15 -1.66	41.41 1.87 -1.40	40.14 2.00 -1.10	35.89 1.95 -0.86	31.05 1.92 -0.42	24.14 1.66 0.00	22.69 1.43 0.00
BARRETT_IC_10 23701	20.20 0.73 -7.91	18.52 0.45 -9.61	17.73 0.38 -10.10	17.08 0.30 -10.91	17.95 0.46 -9.62	19.61 0.61 -8.02	21.66 0.78 -4.34	22.60 1.03 -2.06	22.91 1.19 0.00	22.52 1.09 0.00	22.79 1.15 -0.02	23.47 1.11 -0.07	23.61 1.12 -0.01	24.76 1.30 -0.16	27.65 1.73 -0.55	29.77 1.57 -0.69	32.44 1.67 -0.86	40.86 2.15 -1.66	41.41 1.87 -1.40	40.14 2.00 -1.10	35.89 1.95 -0.86	31.05 1.92 -0.42	24.14 1.66 0.00	22.69 1.43 0.00
BARRETT_IC_11 23702	20.20 0.73 -7.91	18.52 0.45 -9.61	17.73 0.38 -10.10	17.08 0.30 -10.91	17.95 0.46 -9.62	19.61 0.61 -8.02	21.66 0.78 -4.34	22.60 1.03 -2.06	22.91 1.19 0.00	22.52 1.09 0.00	22.79 1.15 -0.02	23.47 1.11 -0.07	23.61 1.12 -0.01	24.76 1.30 -0.16	27.65 1.73 -0.55	29.77 1.57 -0.69	32.44 1.67 -0.86	40.86 2.15 -1.66	41.41 1.87 -1.40	40.14 2.00 -1.10	35.89 1.95 -0.86	31.05 1.92 -0.42	24.14 1.66 0.00	22.69 1.43 0.00
BARRETT_IC_12 23703	20.20 0.73 -7.91	18.52 0.45 -9.61	17.73 0.38 -10.10	17.08 0.30 -10.91	17.95 0.46 -9.62	19.61 0.61 -8.02	21.66 0.78 -4.34	22.60 1.03 -2.06	22.91 1.19 0.00	22.52 1.09 0.00	22.79 1.15 -0.02	23.47 1.11 -0.07	23.61 1.12 -0.01	24.76 1.30 -0.16	27.65 1.73 -0.55	29.77 1.57 -0.69	32.44 1.67 -0.86	40.86 2.15 -1.66	41.41 1.87 -1.40	40.14 2.00 -1.10	35.89 1.95 -0.86	31.05 1.92 -0.42	24.14 1.66 0.00	22.69 1.43 0.00
BARRETT_IC_2 23705	20.20 0.73 -7.91	18.52 0.45 -9.61	17.73 0.38 -10.10	17.08 0.30 -10.91	17.95 0.46 -9.62	19.61 0.61 -8.02	21.66 0.78 -4.34	22.60 1.03 -2.06	22.91 1.19 0.00	22.52 1.09 0.00	22.79 1.15 -0.02	23.47 1.11 -0.07	23.61 1.12 -0.01	24.76 1.30 -0.16	27.65 1.73 -0.55	29.77 1.57 -0.69	32.44 1.67 -0.86	40.86 2.15 -1.66	41.41 1.87 -1.40	40.14 2.00 -1.10	35.89 1.95 -0.86	31.05 1.92 -0.42	24.14 1.66 0.00	22.69 1.43 0.00
BARRETT_IC_3 23706	20.20 0.73 -7.91	18.52 0.45 -9.61	17.73 0.38 -10.10	17.08 0.30 -10.91	17.95 0.46 -9.62	19.61 0.61 -8.02	21.66 0.78 -4.34	22.60 1.03 -2.06	22.91 1.19 0.00	22.52 1.09 0.00	22.79 1.15 -0.02	23.47 1.11 -0.07	23.61 1.12 -0.01	24.76 1.30 -0.16	27.65 1.73 -0.55	29.77 1.57 -0.69	32.44 1.67 -0.86	40.86 2.15 -1.66	41.41 1.87 -1.40	40.14 2.00 -1.10	35.89 1.95 -0.86	31.05 1.92 -0.42	24.14 1.66 0.00	22.69 1.43 0.00
BARRETT_IC_4 23707	20.20 0.73 -7.91	18.52 0.45 -9.61	17.73 0.38 -10.10	17.08 0.30 -10.91	17.95 0.46 -9.62	19.61 0.61 -8.02	21.66 0.78 -4.34	22.60 1.03 -2.06	22.91 1.19 0.00	22.52 1.09 0.00	22.79 1.15 -0.02	23.47 1.11 -0.07	23.61 1.12 -0.01	24.76 1.30 -0.16	27.65 1.73 -0.55	29.77 1.57 -0.69	32.44 1.67 -0.86	40.86 2.15 -1.66	41.41 1.87 -1.40	40.14 2.00 -1.10	35.89 1.95 -0.86	31.05 1.92 -0.42	24.14 1.66 0.00	22.69 1.43 0.00
BARRETT_IC_5 23708	20.20 0.73 -7.91	18.52 0.45 -9.61	17.73 0.38 -10.10	17.08 0.30 -10.91	17.95 0.46 -9.62	19.61 0.61 -8.02	21.66 0.78 -4.34	22.60 1.03 -2.06	22.91 1.19 0.00	22.52 1.09 0.00	22.79 1.15 -0.02	23.47 1.11 -0.07	23.61 1.12 -0.01	24.76 1.30 -0.16	27.65 1.73 -0.55	29.77 1.57 -0.69	32.44 1.67 -0.86	40.86 2.15 -1.66	41.41 1.87 -1.40	40.14 2.00 -1.10	35.89 1.95 -0.86	31.05 1.92 -0.42	24.14 1.66 0.00	22.69 1.43 0.00
BARRETT_IC_6 23709	20.20 0.73 -7.91	18.52 0.45 -9.61	17.73 0.38 -10.10	17.08 0.30 -10.91	17.95 0.46 -9.62	19.61 0.61 -8.02	21.66 0.78 -4.34	22.60 1.03 -2.06	22.91 1.19 0.00	22.52 1.09 0.00	22.79 1.15 -0.02	23.47 1.11 -0.07	23.61 1.12 -0.01	24.76 1.30 -0.16	27.65 1.73 -0.55	29.77 1.57 -0.69	32.44 1.67 -0.86	40.86 2.15 -1.66	41.41 1.87 -1.40	40.14 2.00 -1.10	35.89 1.95 -0.86	31.05 1.92 -0.42	24.14 1.66 0.00	22.69 1.43 0.00
BARRETT_IC_7 23710	20.14 0.67 -7.91	18.52 0.45 -9.61	17.73 0.38 -10.10	17.08 0.30 -10.91	17.95 0.46 -9.62	19.61 0.61 -8.02	21.66 0.78 -4.34	22.60 1.03 -2.06	22.93 1.22 0.00	22.52 1.09 0.00	22.90 1.25 -0.02	23.54 1.18 -0.07	23.92 1.44 -0.01	24.83 1.37 -0.16	27.72 1.80 -0.55	29.99 1.79 -0.70	32.38 1.61 -0.86	41.23 2.52 -1.66	41.75 2.21 -1.40	40.15 2.00 -1.10	35.86 1.92 -0.86	31.00 1.87 -0.42	24.02 1.55 0.00	22.69 1.43 0.00

BARRETT_IC_8 23711	20.20 0.73 -7.91	18.52 0.45 -9.61	17.73 0.38 -10.10	17.08 0.30 -10.91	17.95 0.46 -9.62	19.61 0.61 -8.02	21.66 0.78 -4.34	22.60 1.03 -2.06	22.91 1.19 0.00	22.52 1.09 0.00	22.79 1.15 -0.02	23.47 1.11 -0.07	23.61 1.12 -0.01	24.76 1.30 -0.16	27.65 1.73 -0.55	29.77 1.57 -0.69	32.44 1.67 -0.86	40.86 2.15 -1.66	41.41 1.87 -1.40	40.14 2.00 -1.10	35.89 1.95 -0.86	31.05 1.92 -0.42	24.14 1.66 0.00	22.69 1.43 0.00
BARRETT_IC_9 23700	20.20 0.73 -7.91	18.52 0.45 -9.61	17.73 0.38 -10.10	17.08 0.30 -10.91	17.95 0.46 -9.62	19.61 0.61 -8.02	21.66 0.78 -4.34	22.60 1.03 -2.06	22.91 1.19 0.00	22.52 1.09 0.00	22.79 1.15 -0.02	23.47 1.11 -0.07	23.61 1.12 -0.01	24.76 1.30 -0.16	27.65 1.73 -0.55	29.77 1.57 -0.69	32.44 1.67 -0.86	40.86 2.15 -1.66	41.41 1.87 -1.40	40.14 2.00 -1.10	35.89 1.95 -0.86	31.05 1.92 -0.42	24.14 1.66 0.00	22.69 1.43 0.00
BARRETT___1 23545	20.20 0.73 -7.91	18.52 0.45 -9.61	17.73 0.38 -10.10	17.08 0.30 -10.91	17.95 0.46 -9.62	19.61 0.61 -8.02	21.66 0.78 -4.34	22.60 1.03 -2.06	22.91 1.19 0.00	22.52 1.09 0.00	22.79 1.15 -0.02	23.47 1.11 -0.07	23.61 1.12 -0.01	24.76 1.30 -0.16	27.65 1.73 -0.55	29.77 1.57 -0.69	32.44 1.67 -0.86	40.86 2.15 -1.66	41.41 1.87 -1.40	40.14 2.00 -1.10	35.89 1.95 -0.86	31.05 1.92 -0.42	24.14 1.66 0.00	22.69 1.43 0.00
BARRETT___2 23546	20.20 0.73 -7.91	18.52 0.45 -9.61	17.73 0.38 -10.10	17.08 0.30 -10.91	17.95 0.46 -9.62	19.61 0.61 -8.02	21.66 0.78 -4.34	22.60 1.03 -2.06	22.91 1.19 0.00	22.52 1.09 0.00	22.79 1.15 -0.02	23.47 1.11 -0.07	23.61 1.12 -0.01	24.76 1.30 -0.16	27.65 1.73 -0.55	29.77 1.57 -0.69	32.44 1.67 -0.86	40.86 2.15 -1.66	41.41 1.87 -1.40	40.14 2.00 -1.10	35.89 1.95 -0.86	31.05 1.92 -0.42	24.14 1.66 0.00	22.69 1.43 0.00
BATAVIA___115KV_TB1 55881	13.11 0.30 -1.26	10.21 0.23 -1.53	9.09 0.22 -1.60	7.78 0.19 -1.73	9.63 0.23 -1.53	12.49 0.24 -1.27	17.43 0.20 -0.69	19.95 0.10 -0.34	21.69 -0.02 0.00	21.73 0.30 0.00	21.97 0.35 0.00	22.80 0.51 0.00	23.03 0.56 0.00	23.98 0.68 0.00	25.90 0.53 0.00	27.84 0.33 0.00	30.47 0.57 0.00	36.50 -0.56 0.00	37.76 -0.38 0.00	37.34 0.30 0.00	33.54 0.46 0.00	29.00 0.29 0.00	23.15 0.67 0.00	22.01 0.74 0.00
BAYONEEC___CTG1 323682	19.99 0.52 -7.91	18.49 0.42 -9.61	17.71 0.36 -10.10	17.05 0.28 -10.91	17.82 0.33 -9.62	19.42 0.43 -8.02	21.59 0.71 -4.34	22.54 0.98 -2.05	22.95 1.24 0.00	22.57 1.14 0.00	22.81 1.17 -0.02	23.49 1.14 -0.07	23.54 1.06 -0.01	24.67 1.21 -0.16	27.34 1.42 -0.55	29.63 1.43 -0.69	32.23 1.46 -0.86	40.97 2.26 -1.66	41.68 2.13 -1.40	40.07 1.93 -1.10	35.66 1.72 -0.86	30.71 1.58 -0.42	23.66 1.19 0.00	22.27 1.00 0.00
BAYONEEC___CTG10 323750	19.99 0.52 -7.91	18.49 0.42 -9.61	17.71 0.36 -10.10	17.05 0.28 -10.91	17.82 0.33 -9.62	19.42 0.43 -8.02	21.59 0.71 -4.34	22.54 0.98 -2.05	22.95 1.24 0.00	22.57 1.14 0.00	22.81 1.17 -0.02	23.49 1.14 -0.07	23.54 1.06 -0.01	24.67 1.21 -0.16	27.34 1.42 -0.55	29.63 1.43 -0.69	32.23 1.46 -0.86	40.97 2.26 -1.66	41.68 2.13 -1.40	40.07 1.93 -1.10	35.66 1.72 -0.86	30.71 1.58 -0.42	23.66 1.19 0.00	22.27 1.00 0.00
BAYONEEC___CTG2 323683	19.99 0.52 -7.91	18.49 0.42 -9.61	17.71 0.36 -10.10	17.																				

BEACON___LESR 323632	21.80 0.17 -10.07	20.82 0.13 -12.23	20.22 0.11 -12.85	19.84 0.09 -13.89	20.25 0.13 -12.25	21.38 0.20 -10.21	22.33 0.26 -5.53	22.43 0.29 -2.62	22.10 0.39 0.00	21.69 0.26 0.00	21.91 0.30 0.02	22.53 0.29 0.05	22.75 0.29 0.01	23.56 0.37 0.11	25.40 0.43 0.40	27.55 0.55 0.50	29.94 0.66 0.62	36.93 1.08 1.20	38.27 1.14 1.01	37.29 1.04 0.79	33.34 0.89 0.62	29.16 0.75 0.30	23.01 0.54 0.00	21.65 0.38 0.00
BEAVER RIVER___HYD 24048	11.60 -0.31 -0.36	8.66 -0.24 -0.44	7.52 -0.20 -0.46	6.21 -0.15 -0.50	8.15 -0.17 -0.44	11.13 -0.21 -0.37	16.44 -0.30 -0.20	19.05 -0.57 -0.10	20.93 -0.78 0.00	20.59 -0.84 0.00	20.78 -0.84 0.00	21.40 -0.89 0.00	21.39 -1.08 0.00	22.16 -1.14 0.00	24.25 -1.12 0.00	26.38 -1.13 -0.01	28.92 -0.99 0.00	36.13 -0.92 0.00	37.79 -0.34 0.00	36.53 -0.52 0.00	32.68 -0.40 0.00	28.22 -0.49 0.00	22.16 -0.31 0.00	20.82 -0.45 0.00
BEEBEE_GT_13 23619	12.82 0.25 -1.01	9.88 0.19 -1.23	8.72 0.17 -1.29	7.40 0.13 -1.40	9.27 0.17 -1.23	12.20 0.20 -1.03	17.29 0.20 -0.56	20.02 0.23 -0.27	21.82 0.11 0.00	21.73 0.30 0.00	21.95 0.32 0.00	22.71 0.42 0.00	22.94 0.47 0.00	23.88 0.58 0.00	25.88 0.51 0.00	27.86 0.36 0.00	30.41 0.51 0.00	36.91 -0.15 0.00	38.10 -0.04 0.00	37.42 0.37 0.00	33.47 0.40 0.00	29.00 0.29 0.00	22.88 0.40 0.00	21.74 0.47 0.00
BENSHRST_27_KV_BENSHRST_1 355998	20.08 0.61 -7.91	18.56 0.50 -9.61	17.77 0.41 -10.10	17.09 0.32 -10.91	17.89 0.39 -9.62	19.48 0.48 -8.02	21.69 0.81 -4.34	22.70 1.13 -2.05	23.17 1.45 0.00	22.76 1.33 0.00	23.03 1.38 -0.02	23.72 1.36 -0.07	23.86 1.37 -0.01	24.95 1.49 -0.16	27.65 1.73 -0.55	30.02 1.82 -0.69	32.47 1.70 -0.86	41.57 2.85 -1.66	42.21 2.67 -1.40	40.52 2.37 -1.10	36.02 2.08 -0.86	31.12 1.98 -0.42	23.89 1.42 0.00	22.50 1.23 0.00
BETHLEHEM___GRP 23843	21.65 0.01 -10.08	20.71 0.01 -12.25	20.13 0.01 -12.87	19.78 0.01 -13.91	20.16 0.02 -12.27	21.23 0.03 -10.23	22.09 0.02 -5.54	22.14 0.00 -2.63	21.78 0.07 0.00	21.37 -0.06 0.00	21.59 -0.02 0.02	22.20 -0.04 0.05	22.48 0.02 0.01	23.19 0.00 0.11	24.96 -0.03 0.38	27.11 0.08 0.48	29.37 0.06 0.59	36.24 0.33 1.15	37.47 0.31 0.97	36.55 0.26 0.76	32.68 0.20 0.60	28.63 0.20 0.29	22.58 0.11 0.00	21.29 0.02 0.00
BETHLEHEM___GS1 323560	21.65 0.01 -10.08	20.71 0.01 -12.25	20.13 0.01 -12.87	19.78 0.01 -13.91	20.16 0.02 -12.27	21.23 0.03 -10.23	22.09 0.02 -5.54	22.14 0.00 -2.63	21.76 0.04 0.00	21.37 -0.06 0.00	21.56 -0.04 0.02	22.18 -0.07 0.05	22.42 -0.04 0.01	23.19 0.00 0.11	24.99 0.00 0.38	27.05 0.03 0.48	29.37 0.06 0.59	36.21 0.30 1.14	37.47 0.30 0.97	36.55 0.26 0.76	32.71 0.23 0.60	28.63 0.20 0.29	22.59 0.11 0.00	21.29 0.02 0.00
BETHLEHEM___GS2 323561	21.65 0.01 -10.08	20.71 0.01 -12.25	20.13 0.01 -12.87	19.78 0.01 -13.91	20.16 0.02 -12.27	21.23 0.03 -10.23	22.09 0.02 -5.54	22.14 0.00 -2.63	21.76 0.04 0.00	21.37 -0.06 0.00	21.56 -0.04 0.02	22.18 -0.07 0.05	22.42 -0.04 0.01	23.19 0.00 0.11	24.99 0.00 0.38	27.05 0.03 0.48	29.37 0.06 0.59	36.21 0.30 1.14	37.47 0.30 0.97	36.55 0.26 0.76	32.71 0.23 0.60	28.63 0.20 0.29	22.59 0.11 0.00	21.29 0.02 0.00
BETHLEHEM___GS3 323562	21.65 0.01 -10.08	20.71 0.01 -12.25	20.13 0.01 -12.87	19.78 0.01 -13.91	20.16 0.02 -12.27	21.23 0.03 -10.23	22.09 0.02 -5.54	22.14 0.00 -2.63	21.76 0.04 0.00	21.37 -0.06 0.00	21.56 -0.04 0.02	22.18 -0.07 0.05	22.42 -0.04 0.01	23.19 0.00 0.11	24.99 0.00 0.38	27.05 0.03 0.48	29.37 0.06 0.59	36.21 0.30 1.14	37.47 0.30 0.97	36.55 0.26 0.76	32.71 0.23 0.60	28.63 0.20 0.29	22.59 0.11 0.00	21.29 0.02 0.00
BETHLEHEM___STEEL 23779	13.16 0.22 -1.39	10.31 0.17 -1.69	9.20 0.17 -1.77	7.92 0.15 -1.91	9.73 0.17 -1.69	12.56 0.18 -1.41	17.46 0.15 -0.77	19.93 0.04 -0.37	21.84 0.13 0.00	21.99 0.56 0.00	22.25 0.63 0.00	23.09 0.80 0.00	23.37 0.90 0.00	24.35 1.05 0.00	26.28 0.91 0.00	28.25 0.74 0.00	30.89 0.99 0.00	36.94 -0.11 0.00	38.18 0.04 0.00	37.57 0.52 0.00	33.70 0.63 0.00	29.11 0.40 0.00	23.21 0.74 0.00	22.06 0.79 0.00
BETHLHEM_115KV_TB1 79974	21.69 0.06 -10.08	20.73 0.03 -12.24	20.15 0.03 -12.86	19.79 0.03 -13.90	20.18 0.05 -12.26	21.26 0.07 -10.22	22.14 0.07 -5.53	22.20 0.06 -2.63	21.84 0.13 0.00	21.45 0.02 0.00	21.67 0.06 0.01	22.27 0.02 0.04	22.55 0.09 0.01	23.27 0.07 0.10	25.06 0.05 0.36	27.19 0.14 0.46	29.49 0.15 0.57	36.40 0.44 1.10	37.63 0.42 0.93	36.65 0.33 0.73	32.80 0.30 0.57	28.72 0.29 0.28	22.65 0.18 0.00	21.38 0.11 0.00
BETHPAGE_CC_5 323564	20.26 0.80 -7.91	18.55 0.48 -9.61	17.76 0.41 -10.10	17.10 0.33 -10.91	18.00 0.50 -9.62	19.67 0.67 -8.02	21.71 0.83 -4.34	22.68 1.11 -2.06	23.06 1.35 0.00	22.67 1.24 0.00	22.86 1.21 -0.02	23.56 1.20 -0.07	23.77 1.28 -0.01	24.88 1.42 -0.16	27.77 1.85 -0.55	29.91 1.71 -0.69	32.65 1.88 -0.86	41.16 2.45 -1.66	41.75 2.21 -1.40	40.52 2.37 -1.10	36.19 2.25 -0.86	31.22 2.09 -0.42	24.27 1.80 0.00	22.82 1.55 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	13.16 0.20 -1.41	10.31 0.14 -1.71	9.20 0.15 -1.79	7.93 0.13 -1.94	9.73 0.15 -1.71	12.55 0.15 -1.43	17.43 0.12 -0.78	19.89 0.00 -0.38	21.84 0.13 0.00	21.99 0.56 0.00	22.25 0.63 0.00	23.11 0.82 0.00	23.37 0.90 0.00	24.35 1.05 0.00	26.28 0.91 0.00	28.28 0.77 0.00	30.92 1.02 0.00	37.02 -0.04 0.00	38.25 0.11 0.00	37.64 0.59 0.00	33.70 0.63 0.00	29.14 0.43 0.00	23.21 0.74 0.00	22.06 0.79 0.00
BINGHAMTON___COGEN 23790	14.38 0.22 -2.61	11.79 0.16 -3.17	10.72 0.14 -3.33	9.57 0.11 -3.59	11.19 0.15 -3.17	13.83 0.21 -2.64	18.29 0.31 -1.43	20.55 0.33 -0.70	22.10 0.39 0.00	21.95 0.51 0.00	22.12 0.50 0.00	22.89 0.60 0.00	23.08 0.61 0.00	23.98 0.68 0.00	26.08 0.71 0.00	28.25 0.74 0.00	30.74 0.84 0.00	37.76 0.70 0.00	38.90 0.76 0.00	37.90 0.85 0.00	33.87 0.79 0.00	29.34 0.63 0.00	23.01 0.54 0.00	21.80 0.53 0.00
BIXINCNT_115KV_LOAD 355685	13.21 0.17 -1.49	10.38 0.12 -1.80	9.28 0.12 -1.90	7.98 0.07 -2.05	9.75 0.07 -1.81	12.56 0.08 -1.51	17.39 0.03 -0.82	19.92 0.00 -0.40	22.00 0.28 0.00	22.25 0.81 0.00	22.53 0.91 0.00	23.49 1.20 0.00	23.71 1.24 0.00	24.72 1.42 0.00	26.69 1.32 0.00	28.74 1.24 0.00	31.43 1.52 0.00	37.68 0.63 0.00	38.90 0.76 0.00	38.19 1.15 0.00	34.13 1.06 0.00	29.46 0.75 0.00	23.48 1.01 0.00	22.23 0.96 0.00
BLACK RIVER___HYD 24047	11.94 -0.08 -0.47	8.96 -0.07 -0.57	7.79 -0.07 -0.60	6.47 -0.04 -0.64	8.46 0.02 -0.57	11.49 0.04 -0.47	16.86 0.07 -0.26	19.46 -0.18 -0.13	21.34 -0.37 0.00	21.05 -0.39 0.00	21.21 -0.41 0.00	21.87 -0.42 0.00	21.91 -0.56 0.00	22.69 -0.61 0.00	24.86 -0.51 0.00	27.10 -0.41 0.00	29.72 -0.18 0.00	37.02 -0.04 0.00	38.60 0.46 0.00	37.49 0.45 0.00	33.54 0.46 0.00	28.92 0.20 0.00	22.61 0.14 0.00	21.25 -0.02 0.00

BLACKRVR_115KV_TB2 79977	11.94 -0.08 -0.47	8.96 -0.07 -0.57	7.79 -0.07 -0.60	6.47 -0.04 -0.64	8.46 0.02 -0.57	11.49 0.04 -0.47	16.86 0.07 -0.26	19.46 -0.18 -0.13	21.34 -0.37 0.00	21.05 -0.39 0.00	21.13 -0.50 0.00	21.87 -0.42 0.00	21.89 -0.58 0.00	22.69 -0.61 0.00	24.86 -0.51 0.00	27.07 -0.44 -0.01	29.72 -0.18 0.00	37.02 -0.04 0.00	38.60 0.46 0.00	37.49 0.44 0.00	33.54 0.46 0.00	28.91 0.20 0.00	22.61 0.13 0.00	21.25 -0.02 0.00
BLISS_WT_PWR 323608	13.20 0.16 -1.49	10.37 0.11 -1.80	9.26 0.11 -1.90	7.96 0.05 -2.05	9.73 0.05 -1.81	12.51 0.03 -1.51	17.34 -0.02 -0.82	19.88 -0.04 -0.40	22.04 0.33 0.00	22.27 0.83 0.00	22.73 1.10 0.00	23.54 1.25 0.00	23.77 1.30 0.00	24.77 1.47 0.00	26.74 1.37 0.00	29.07 1.57 0.00	31.49 1.58 0.00	37.98 0.93 0.00	39.09 0.95 0.00	38.23 1.19 0.00	34.07 0.99 0.00	29.49 0.78 0.00	23.46 0.99 0.00	22.18 0.91 0.00
BLUE_CIRC_CHEM_DRP 24182	21.64 0.20 -9.89	20.62 0.14 -12.01	20.01 0.12 -12.63	19.61 0.10 -13.64	20.05 0.14 -12.03	21.21 0.21 -10.03	22.23 0.26 -5.43	22.36 0.27 -2.57	22.06 0.35 0.00	21.67 0.24 0.00	21.87 0.26 0.01	22.48 0.22 0.03	22.76 0.29 0.01	23.51 0.28 0.07	25.39 0.28 0.26	27.57 0.39 0.32	29.95 0.45 0.40	37.06 0.78 0.77	38.28 0.80 0.66	37.27 0.74 0.51	33.37 0.69 0.40	29.12 0.60 0.19	22.92 0.45 0.00	21.63 0.36 0.00
BOC_GAS_DRP 24189	21.77 0.16 -10.05	20.79 0.12 -12.21	20.19 0.10 -12.83	19.81 0.08 -13.86	20.21 0.11 -12.23	21.32 0.15 -10.19	22.27 0.22 -5.52	22.36 0.23 -2.62	22.04 0.33 0.00	21.67 0.24 0.00	21.87 0.26 0.01	22.50 0.25 0.03	22.76 0.29 0.01	23.50 0.28 0.08	25.38 0.28 0.27	27.53 0.36 0.34	29.84 0.36 0.42	36.87 0.63 0.81	38.06 0.61 0.69	37.06 0.56 0.54	33.15 0.50 0.42	28.97 0.46 0.20	22.81 0.34 0.00	21.55 0.28 0.00
BOONVILLE_115KV_TB1 79983	11.89 0.03 -0.31	8.84 0.01 -0.37	7.65 0.01 -0.39	6.30 0.01 -0.42	8.31 0.06 -0.37	11.37 0.09 -0.31	16.87 0.17 -0.17	19.66 0.06 -0.08	21.65 -0.07 0.00	21.39 -0.04 0.00	21.54 -0.09 0.00	22.33 0.04 0.00	22.38 -0.09 0.00	23.21 -0.09 0.00	25.34 -0.03 0.00	27.54 0.03 0.00	30.08 0.18 0.00	37.39 0.33 0.00	38.75 0.61 0.00	37.57 0.52 0.00	33.54 0.46 0.00	28.97 0.26 0.00	22.72 0.25 0.00	21.42 0.15 0.00
BORALEX_4TH_BRANCH 23824	21.97 0.39 -10.02	20.90 0.27 -12.17	20.30 0.25 -12.79	19.89 0.21 -13.82	20.35 0.29 -12.19	21.55 0.42 -10.16	22.63 0.59 -5.50	22.77 0.64 -2.61	22.45 0.74 0.00	22.01 0.58 0.00	22.15 0.56 0.04	22.74 0.56 0.11	23.03 0.58 0.02	23.68 0.63 0.25	25.08 0.61 0.90	27.06 0.69 1.13	29.34 0.84 1.40	35.62 1.26 2.70	37.19 1.33 2.28	36.52 1.26 1.79	32.79 1.13 1.41	29.07 1.03 0.68	23.28 0.81 0.00	22.01 0.74 0.00
BOWLINE___1 23526	19.68 0.46 -7.67	18.12 0.36 -9.31	17.34 0.30 -9.78	16.67 0.23 -10.57	17.49 0.29 -9.32	19.13 0.38 -7.77	21.39 0.64 -4.21	22.34 0.84 -1.99	22.76 1.04 0.00	22.42 0.99 0.00	22.66 1.02 -0.02	23.33 0.98 -0.06	23.41 0.92 -0.01	24.52 1.07 -0.15	27.13 1.24 -0.52	29.45 1.29 -0.66	32.06 1.35 -0.81	40.62 2.00 -1.57	41.29 1.83 -1.33	39.75 1.67 -1.04	35.41 1.52 -0.82	30.51 1.41 -0.39	23.53 1.06 0.00	22.12 0.85 0.00
BOWLINE___2 23595	19.68 0.46 -7.67	18.13 0.36 -9.31	17.34 0.30 -9.78	16.67 0.23 -10.57	17.49 0.29 -9.33	19.13 0.38 -7.77	21.39 0.64 -4.21	22.34 0.84 -1.99	22.76 1.04 0.00	22.42 0.99 0.00	22.66 1.02 -0.02	23.33 0.98 -0.06	23.41 0.92 -0.01	24.52 1.07 -0.15	27.13 1.24 -0.52	29.45 1.29 -0.66	32.06 1.35 -0.81	40.62 2.00 -1.57	41.29 1.83 -1.33	39.75 1.67 -1.04	35.41 1.52 -0.82	30.51 1.41 -0.39	23.53 1.06 0.00	22.12 0.85 0.00
BRADY___115KV_TB2 356060	10.40 -1.35 -0.19	7.69 -1.01 -0.23	6.72 -0.78 -0.25	5.48 -0.65 -0.27	7.15 -0.95 -0.24	9.89 -1.28 -0.20	14.64 -2.00 -0.11	17.21 -2.36 -0.05	19.15 -2.56 0.00	18.75 -2.68 0.00	19.11 -2.51 0.00	19.70 -2.59 0.00	19.57 -2.90 0.00	20.22 -3.08 0.00	22.20 -3.17 0.00	24.00 -3.49 0.01	26.40 -3.50 0.00	33.39 -3.67 0.00	35.12 -3.01 0.00	33.23 -3.82 0.00	29.67 -3.41 0.00	25.67 -3.04 0.00	20.18 -2.29 0.00	18.89 -2.38 0.00
BRANSCOMB___SOLAR 323811	22.43 0.52 -10.36	21.41 0.37 -12.58	20.79 0.32 -13.22	20.40 0.26 -14.28	20.82 0.35 -12.60	21.99 0.52 -10.50	23.00 0.78 -5.68	23.10 0.88 -2.71	22.69 0.98 0.00	22.27 0.83 0.00	22.40 0.80 0.02	23.03 0.80 0.06	23.33 0.88 0.01	24.14 0.98 0.14	25.94 1.07 0.49	28.18 1.29 0.62	30.63 1.49 0.77	37.65 2.07 1.48	39.13 2.25 1.25	38.21 2.15 0.98	34.29 1.98 0.77	30.06 1.72 0.37	23.73 1.26 0.00	22.31 1.04 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	20.25 0.79 -7.91	18.56 0.49 -9.61	17.78 0.43 -10.10	17.11 0.34 -10.91	18.06 0.56 -9.62	19.73 0.74 -8.02	21.71 0.83 -4.34	22.66 1.09 -2.06	23.10 1.39 0.00	22.72 1.29 0.00	23.09 1.45 -0.02	23.61 1.25 -0.07	24.19 1.71 -0.01	24.99 1.54 -0.16	27.95 2.03 -0.55	30.24 2.04 -0.70	32.77 2.00 -0.86	41.83 3.11 -1.66	42.33 2.78 -1.40	40.78 2.63 -1.10	36.39 2.45 -0.86	31.34 2.21 -0.42	24.16 1.69 0.00	22.91 1.64 0.00
BRISTLHL_115KV_TB1 79998	12.17 -0.06 -0.68	9.24 -0.04 -0.82	8.08 -0.04 -0.86	6.76 -0.04 -0.93	8.66 -0.03 -0.82	11.63 -0.03 -0.69	16.86 -0.05 -0.37	19.64 -0.06 -0.18	21.58 -0.13 0.00	21.35 -0.09 0.00	21.49 -0.13 0.00	22.25 -0.04 0.00	22.36 -0.11 0.00	23.21 -0.09 0.00	25.24 -0.13 0.00	27.34 -0.17 0.00	29.75 -0.15 0.00	36.61 -0.44 0.00	37.76 -0.38 0.00	36.75 -0.30 0.00	32.81 -0.26 0.00	28.45 -0.26 0.00	22.29 -0.18 0.00	21.18 -0.09 0.00
BROOKHAVEN___DRP 24191	20.19 0.73 -7.91	18.48 0.41 -9.61	17.74 0.38 -10.10	17.09 0.31 -10.91	18.07 0.57 -9.62	19.73 0.74 -8.02	21.49 0.61 -4.34	22.41 0.84 -2.06	22.80 1.09 0.00	22.40 0.96 0.00	22.77 1.12 -0.02	23.29 0.94 -0.07	23.97 1.48 -0.01	24.64 1.19 -0.16	27.60 1.67 -0.55	29.91 1.71 -0.70	32.41 1.64 -0.86	41.38 2.67 -1.66	41.79 2.25 -1.40	40.26 2.11 -1.10	35.89 1.95 -0.86	30.94 1.81 -0.42	23.82 1.35 0.00	22.74 1.47 0.00
BROOKLYN_NAVY_YARD 23515	19.95 0.49 -7.91	18.46 0.40 -9.61	17.68 0.33 -10.10	17.02 0.25 -10.90	17.79 0.31 -9.61	19.38 0.39 -8.01	21.56 0.68 -4.34	22.53 0.96 -2.05	22.93 1.22 0.00	22.54 1.11 0.00	22.75 1.10 -0.02	23.43 1.07 -0.07	23.47 0.99 -0.01	24.62 1.16 -0.16	27.29 1.37 -0.55	29.55 1.35 -0.69	32.14 1.38 -0.86	40.94 2.22 -1.66	41.60 2.06 -1.40	40.00 1.85 -1.10	35.59 1.65 -0.86	30.65 1.52 -0.42	23.62 1.15 0.00	22.20 0.93 0.00
BROOKLYN___ARMY_DRP 323595	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.08 1.37 0.00	22.67 1.24 0.00	22.94 1.30 -0.02	23.61 1.25 -0.07	23.77 1.28 -0.01	24.83 1.37 -0.16	27.52 1.60 -0.55	29.88 1.68 -0.69	32.32 1.55 -0.86	41.38 2.67 -1.66	41.98 2.44 -1.40	40.29 2.15 -1.10	35.82 1.89 -0.86	30.98 1.84 -0.42	23.78 1.30 0.00	22.42 1.15 0.00

BROOKVLE_69_KV_TB1 55790	20.16 0.69 -7.91	18.56 0.49 -9.61	17.76 0.41 -10.10	17.10 0.33 -10.91	17.96 0.46 -9.62	19.62 0.63 -8.02	21.74 0.86 -4.34	22.70 1.13 -2.06	23.10 1.39 0.00	22.74 1.31 0.00	23.09 1.45 -0.02	23.72 1.36 -0.07	24.06 1.57 -0.01	25.04 1.58 -0.16	27.88 1.95 -0.55	30.24 2.04 -0.70	32.77 2.00 -0.86	41.57 2.85 -1.66	42.14 2.59 -1.40	40.55 2.41 -1.10	36.29 2.35 -0.86	31.25 2.12 -0.42	24.07 1.60 0.00	22.69 1.43 0.00
BROOME_2_LFGE 323671	14.38 0.22 -2.61	11.78 0.16 -3.17	10.72 0.14 -3.33	9.57 0.11 -3.59	11.19 0.15 -3.17	13.83 0.21 -2.64	18.28 0.31 -1.43	20.55 0.33 -0.70	22.10 0.39 0.00	21.94 0.51 0.00	22.16 0.54 0.00	22.89 0.60 0.00	23.08 0.61 0.00	23.98 0.68 0.00	26.08 0.71 0.00	28.30 0.80 0.00	30.74 0.84 0.00	37.83 0.78 0.00	38.94 0.80 0.00	37.90 0.85 0.00	33.87 0.79 0.00	29.37 0.66 0.00	23.03 0.56 0.00	21.80 0.53 0.00
BROOME__LFGE 323600	14.38 0.22 -2.61	11.78 0.16 -3.17	10.72 0.14 -3.33	9.57 0.11 -3.59	11.19 0.15 -3.17	13.83 0.21 -2.64	18.28 0.31 -1.43	20.55 0.33 -0.70	22.10 0.39 0.00	21.94 0.51 0.00	22.16 0.54 0.00	22.89 0.60 0.00	23.08 0.61 0.00	23.98 0.68 0.00	26.08 0.71 0.00	28.30 0.80 0.00	30.74 0.84 0.00	37.83 0.78 0.00	38.94 0.80 0.00	37.90 0.85 0.00	33.87 0.79 0.00	29.37 0.66 0.00	23.03 0.56 0.00	21.80 0.53 0.00
BROWNFLS_115KV_TB_3_5 80003	11.05 -0.80 -0.29	8.22 -0.59 -0.36	7.16 -0.47 -0.38	5.88 -0.39 -0.41	7.70 -0.53 -0.36	10.57 -0.70 -0.30	15.63 -1.08 -0.16	18.13 -1.46 -0.08	20.00 -1.72 0.00	19.57 -1.86 0.00	19.68 -1.95 0.00	20.33 -1.96 0.00	20.22 -2.25 0.00	20.90 -2.40 0.00	22.91 -2.46 0.00	24.88 -2.64 -0.01	27.30 -2.60 0.00	34.31 -2.74 0.00	36.19 -1.95 0.00	34.68 -2.37 0.00	31.06 -2.02 0.00	26.96 -1.75 0.00	21.24 -1.24 0.00	19.91 -1.36 0.00
BROWNSV1_27_KV_LOAD 356125	20.07 0.60 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.31 -10.91	17.87 0.38 -9.62	19.49 0.49 -8.02	21.71 0.83 -4.34	22.70 1.13 -2.05	23.15 1.43 0.00	22.74 1.31 0.00	23.01 1.36 -0.02	23.67 1.32 -0.07	23.83 1.35 -0.01	24.88 1.42 -0.16	27.55 1.62 -0.55	29.96 1.76 -0.69	32.47 1.70 -0.86	41.42 2.71 -1.66	42.10 2.56 -1.40	40.44 2.30 -1.10	35.96 2.02 -0.86	31.00 1.87 -0.42	23.82 1.35 0.00	22.42 1.15 0.00
BURROWS__LYONSDAL 23803	11.84 -0.03 -0.32	8.81 -0.03 -0.38	7.63 -0.03 -0.40	6.28 -0.02 -0.44	8.28 0.02 -0.39	11.33 0.03 -0.32	16.80 0.08 -0.17	19.54 -0.06 -0.09	21.50 -0.22 0.00	21.24 -0.19 0.00	21.36 -0.26 0.00	22.16 -0.13 0.00	22.18 -0.29 0.00	23.00 -0.30 0.00	25.12 -0.25 0.00	27.32 -0.19 0.00	29.87 -0.03 0.00	37.17 0.11 0.00	38.60 0.46 0.00	37.38 0.33 0.00	33.41 0.33 0.00	28.83 0.11 0.00	22.63 0.16 0.00	21.29 0.02 0.00
CAITHNESS_CC_1 323624	20.32 0.86 -7.91	18.48 0.41 -9.61	17.73 0.38 -10.10	17.08 0.30 -10.91	18.05 0.55 -9.62	19.71 0.71 -8.02	21.49 0.61 -4.34	22.43 0.86 -2.06	22.82 1.11 0.00	22.42 0.99 0.00	22.55 0.91 -0.02	23.25 0.89 -0.07	23.56 1.08 -0.01	24.60 1.14 -0.16	27.55 1.63 -0.55	29.68 1.48 -0.69	32.50 1.73 -0.86	40.79 2.07 -1.66	41.30 1.76 -1.40	40.26 2.11 -1.10	35.92 1.98 -0.86	31.05 1.92 -0.42	24.07 1.60 0.00	22.72 1.45 0.00
CALPINE BETH_PAGE_GT4 24209	20.21 0.74 -7.91	18.56 0.49 -9.61	17.77 0.41 -10.10	17.10 0.33 -10.91	18.00 0.50 -9.62	19.67 0.67 -8.02	21.73 0.84 -4.34	22.70 1.13 -2.06	23.08 1.37 0.00	22.70 1.26 0.00	23.07 1.43 -0.02	23.65 1.29 -0.07	24.10 1.62 -0.01	24.95 1.49 -0.16	27.85 1.93 -0.55	30.15 1.95 -0.70	32.53 1.76 -0.86	41.49 2.78 -1.66	41.98 2.44 -1.40	40.44 2.30 -1.10	36.09 2.15 -0.86	31.11 1.98 -0.42	24.16 1.69 0.00	22.82 1.55 0.00
CALPINE_BETH_PAGE_GT_4 323586	20.26 0.80 -7.91	18.56 0.49 -9.61	17.77 0.41 -10.10	17.10 0.33 -10.91	18.00 0.50 -9.62	19.67 0.67 -8.02	21.73 0.84 -4.34	22.70 1.13 -2.06	23.06 1.35 0.00	22.69 1.26 0.00	22.88 1.23 -0.02	23.58 1.23 -0.07	23.79 1.30 -0.01	24.85 1.40 -0.16	27.75 1.83 -0.55	29.85 1.65 -0.69	32.59 1.82 -0.86	41.09 2.37 -1.66	41.68 2.13 -1.40	40.44 2.30 -1.10	36.12 2.18 -0.86	31.14 2.01 -0.42	24.27 1.80 0.00	22.82 1.55 0.00
CALPINE_BP_GT1 23823	20.26 0.80 -7.91	18.56 0.49 -9.61	17.77 0.41 -10.10	17.10 0.33 -10.91	18.00 0.50 -9.62	19.67 0.67 -8.02	21.73 0.84 -4.34	22.70 1.13 -2.06	23.06 1.35 0.00	22.69 1.26 0.00	22.88 1.23 -0.02	23.58 1.23 -0.07	23.79 1.30 -0.01	24.85 1.40 -0.16	27.75 1.83 -0.55	29.85 1.65 -0.69	32.59 1.82 -0.86	41.09 2.37 -1.66	41.68 2.13 -1.40	40.44 2.30 -1.10	36.12 2.18 -0.86	31.14 2.01 -0.42	24.27 1.80 0.00	22.82 1.55 0.00
CALSPAN__DRP 24200	13.16 0.22 -1.39	10.31 0.17 -1.69	9.20 0.17 -1.77	7.92 0.15 -1.91	9.73 0.17 -1.69	12.56 0.18 -1.41	17.46 0.15 -0.77	19.93 0.04 -0.37	21.84 0.13 0.00	21.99 0.56 0.00	22.25 0.63 0.00	23.09 0.80 0.00	23.37 0.90 0.00	24.35 1.05 0.00	26.28 0.91 0.00	28.25 0.74 0.00	30.89 0.99 0.00	36.94 -0.11 0.00	38.18 0.04 0.00	37.57 0.52 0.00	33.70 0.63 0.00	29.11 0.40 0.00	23.21 0.74 0.00	22.06 0.79 0.00
CALVERTON__SOLAR 323806	20.39 0.92 -7.91	18.49 0.42 -9.61	17.75 0.40 -10.10	17.10 0.32 -10.91	18.09 0.60 -9.62	19.77 0.77 -8.02	21.49 0.61 -4.34	22.41 0.84 -2.06	22.80 1.09 0.00	22.40 0.97 0.00	22.53 0.89 -0.02	23.23 0.87 -0.07	23.56 1.08 -0.01	24.60 1.14 -0.16	27.55 1.63 -0.55	29.68 1.48 -0.69	32.53 1.76 -0.86	40.83 2.11 -1.66	41.34 1.79 -1.40	40.29 2.15 -1.10	35.99 2.05 -0.86	31.05 1.92 -0.42	24.09 1.62 0.00	22.78 1.51 0.00
CANDIGU_WT_PWR 323617	13.64 0.28 -1.81	10.85 0.19 -2.20	9.73 0.16 -2.31	8.49 0.13 -2.50	10.24 0.17 -2.20	13.02 0.21 -1.84	17.81 0.28 -0.99	20.25 0.25 -0.49	22.08 0.37 0.00	22.10 0.67 0.00	22.42 0.80 0.00	23.20 0.91 0.00	23.44 0.97 0.00	24.40 1.10 0.00	26.43 1.07 0.00	28.71 1.21 0.00	31.10 1.20 0.00	37.83 0.78 0.00	38.98 0.84 0.00	38.05 1.00 0.00	34.03 0.96 0.00	29.46 0.75 0.00	23.28 0.81 0.00	22.06 0.79 0.00
CARR STREET_E_SYR 24060	12.32 0.00 -0.77	9.39 0.00 -0.93	8.23 -0.01 -0.98	6.92 -0.01 -1.06	8.81 0.00 -0.93	11.76 0.01 -0.78	16.98 0.02 -0.42	19.74 0.02 -0.20	21.73 0.02 0.00	21.52 0.09 0.00	21.73 0.11 0.00	22.42 0.13 0.00	22.58 0.11 0.00	23.42 0.12 0.00	25.47 0.10 0.00	27.56 0.06 0.00	29.87 -0.03 0.00	36.76 -0.30 0.00	37.83 -0.31 0.00	36.83 -0.22 0.00	32.88 -0.20 0.00	28.60 -0.11 0.00	22.38 -0.09 0.00	21.27 0.00 0.00
CARTHAGE__PAPER 23857	11.74 -0.24 -0.43	8.79 -0.19 -0.52	7.64 -0.16 -0.54	6.33 -0.12 -0.59	8.28 -0.11 -0.52	11.29 -0.12 -0.43	16.61 -0.17 -0.23	19.20 -0.43 -0.11	21.06 -0.65 0.00	20.74 -0.69 0.00	20.91 -0.71 0.00	21.51 -0.78 0.00	21.55 -0.92 0.00	22.32 -0.98 0.00	24.43 -0.94 0.00	26.60 -0.91 -0.01	29.18 -0.72 0.00	36.50 -0.55 0.00	38.10 -0.04 0.00	36.94 -0.11 0.00	33.04 -0.03 0.00	28.51 -0.20 0.00	22.32 -0.16 0.00	20.97 -0.30 0.00

CASSADAGA_WT_PWR 323784	13.33 0.31 -1.47	10.45 0.21 -1.78	9.28 0.15 -1.87	8.00 0.12 -2.02	9.80 0.14 -1.78	12.64 0.18 -1.49	17.71 0.36 -0.80	20.33 0.41 -0.40	22.49 0.78 0.00	22.87 1.44 0.00	23.40 1.77 0.00	24.25 1.96 0.00	24.52 2.04 0.00	25.56 2.26 0.00	27.55 2.18 0.00	29.95 2.45 0.00	32.41 2.51 0.00	39.20 2.15 0.00	40.39 2.25 0.00	39.42 2.37 0.00	35.16 2.08 0.00	30.32 1.61 0.00	24.07 1.60 0.00	22.59 1.32 0.00
CE_DUNWOOD___DRP 24194	19.95 0.50 -7.89	18.44 0.39 -9.59	17.65 0.32 -10.08	17.01 0.26 -10.89	17.80 0.32 -9.60	19.41 0.43 -8.00	21.57 0.69 -4.33	22.48 0.92 -2.05	22.86 1.15 0.00	22.50 1.07 0.00	22.77 1.12 -0.02	23.43 1.07 -0.07	23.61 1.12 -0.01	24.62 1.16 -0.15	27.26 1.34 -0.55	29.68 1.49 -0.69	32.19 1.44 -0.86	40.93 2.22 -1.65	41.60 2.06 -1.40	39.99 1.85 -1.09	35.59 1.65 -0.86	30.65 1.52 -0.42	23.57 1.10 0.00	22.20 0.94 0.00
CE_MILLWOOD___DRP 24193	19.89 0.47 -7.86	18.38 0.37 -9.55	17.61 0.31 -10.04	16.95 0.25 -10.85	17.75 0.31 -9.57	19.35 0.41 -7.97	21.52 0.66 -4.32	22.44 0.88 -2.04	22.82 1.11 0.00	22.46 1.03 0.00	22.73 1.08 -0.02	23.38 1.03 -0.07	23.56 1.08 -0.01	24.57 1.12 -0.15	27.21 1.29 -0.55	29.62 1.43 -0.69	32.13 1.38 -0.85	40.85 2.15 -1.64	41.51 1.98 -1.39	39.91 1.78 -1.09	35.52 1.59 -0.86	30.62 1.49 -0.41	23.55 1.08 0.00	22.16 0.89 0.00
CE_NYC2_DRP 24202	20.00 0.53 -7.91	18.51 0.44 -9.61	17.72 0.36 -10.10	17.06 0.29 -10.91	17.84 0.35 -9.62	19.43 0.44 -8.02	21.59 0.71 -4.34	22.56 1.00 -2.05	23.02 1.30 0.00	22.61 1.18 0.00	22.88 1.23 -0.02	23.54 1.18 -0.07	23.70 1.21 -0.01	24.74 1.28 -0.16	27.39 1.47 -0.55	29.77 1.57 -0.69	32.26 1.50 -0.86	41.16 2.45 -1.66	41.79 2.25 -1.40	40.11 1.96 -1.10	35.69 1.75 -0.86	30.77 1.64 -0.42	23.64 1.17 0.00	22.29 1.02 0.00
CE_NYC_DRP 24195	20.00 0.53 -7.91	18.49 0.42 -9.61	17.71 0.36 -10.10	17.05 0.28 -10.91	17.83 0.34 -9.62	19.42 0.43 -8.02	21.59 0.71 -4.34	22.56 1.00 -2.05	22.97 1.26 0.00	22.59 1.16 0.00	22.86 1.21 -0.02	23.52 1.16 -0.07	23.68 1.19 -0.01	24.71 1.26 -0.16	27.37 1.45 -0.55	29.77 1.57 -0.70	32.26 1.50 -0.86	41.12 2.41 -1.66	41.75 2.21 -1.40	40.11 1.96 -1.10	35.69 1.75 -0.86	30.77 1.64 -0.42	23.66 1.19 0.00	22.29 1.02 0.00
CHAFFEE___LFGE 323603	13.19 0.20 -1.44	10.35 0.14 -1.74	9.23 0.15 -1.83	7.97 0.12 -1.98	9.76 0.14 -1.75	12.57 0.14 -1.46	17.46 0.13 -0.79	19.92 0.02 -0.39	21.93 0.22 0.00	22.07 0.64 0.00	22.49 0.87 0.00	23.25 0.96 0.00	23.51 1.03 0.00	24.49 1.19 0.00	26.43 1.07 0.00	28.74 1.24 0.00	31.10 1.20 0.00	37.54 0.48 0.00	38.63 0.49 0.00	37.86 0.81 0.00	33.77 0.70 0.00	29.26 0.54 0.00	23.30 0.83 0.00	22.12 0.85 0.00
CHATEAUG_35_KV_LOAD 355732	10.36 -1.36 -0.17	7.66 -1.01 -0.21	6.70 -0.78 -0.22	5.45 -0.66 -0.24	7.09 -0.99 -0.21	9.81 -1.34 -0.18	14.57 -2.07 -0.10	17.28 -2.28 -0.05	19.37 -2.35 0.00	18.99 -2.44 0.00	19.44 -2.18 0.00	20.02 -2.27 0.00	19.93 -2.54 0.00	20.64 -2.66 0.00	22.63 -2.74 0.00	24.44 -3.05 0.01	26.91 -2.99 0.00	34.02 -3.04 0.00	35.66 -2.48 0.00	33.68 -3.37 0.00	29.97 -3.11 0.00	25.87 -2.84 0.00	20.27 -2.20 0.00	18.97 -2.30 0.00
CHATEAUG_WT_PWR 323614	10.37 -1.35 -0.17	7.67 -1.00 -0.20	6.70 -0.77 -0.22	5.44 -0.66 -0.23	7.09 -0.98 -0.21	9.82 -1.33 -0.17	14.58 -2.05 -0.09	17.33 -2.23 -0.04	19.43 -2.28 0.00	19.07 -2.36 0.00	19.48 -2.14 0.00	20.11 -2.18 0.00	20.02 -2.45 0.00	20.71 -2.59 0.00	22.71 -2.66 0.00	24.47 -3.03 0.01	26.97 -2.93 0.00	34.05 -3.00 0.00	35.66 -2.48 0.00	33.71 -3.33 0.00	30.00 -3.07 0.00	25.93 -2.78 0.00	20.29 -2.18 0.00	18.99 -2.28 0.00
CHAT_HIGH_FALL_HYD 323578	10.36 -1.36 -0.17	7.66 -1.01 -0.21	6.70 -0.78 -0.22	5.45 -0.66 -0.24	7.09 -0.99 -0.21	9.81 -1.34 -0.18	14.57 -2.07 -0.10	17.28 -2.28 -0.05	19.35 -2.37 0.00	18.99 -2.44 0.00	19.40 -2.23 0.00	20.02 -2.27 0.00	19.93 -2.54 0.00	20.64 -2.66 0.00	22.63 -2.74 0.00	24.42 -3.08 0.01	26.91 -2.99 0.00	34.02 -3.04 0.00	35.62 -2.52 0.00	33.68 -3.37 0.00	29.96 -3.11 0.00	25.87 -2.84 0.00	20.27 -2.20 0.00	18.97 -2.30 0.00
CHAUTAUQUA___LFGE 323629	13.33 0.34 -1.44	10.45 0.25 -1.74	9.31 0.22 -1.83	8.02 0.18 -1.98	9.83 0.21 -1.75	12.68 0.25 -1.46	17.76 0.43 -0.79	20.36 0.45 -0.39	22.45 0.74 0.00	22.72 1.29 0.00	23.14 1.51 0.00	23.96 1.67 0.00	24.25 1.77 0.00	25.28 1.98 0.00	27.27 1.90 0.00	29.65 2.15 0.00	32.08 2.18 0.00	38.76 1.71 0.00	39.93 1.79 0.00	39.01 1.96 0.00	34.83 1.75 0.00	30.12 1.41 0.00	23.89 1.42 0.00	22.52 1.25 0.00
CHERRYST_13_KV_LD 356241	20.02 0.55 -7.91	18.51 0.44 -9.61	17.72 0.37 -10.10	17.06 0.29 -10.91	17.85 0.35 -9.62	19.46 0.46 -8.02	21.64 0.76 -4.34	22.62 1.05 -2.05	23.06 1.35 0.00	22.65 1.22 0.00	22.92 1.28 -0.02	23.58 1.23 -0.07	23.74 1.26 -0.01	24.78 1.33 -0.16	27.47 1.55 -0.55	29.85 1.65 -0.70	32.35 1.58 -0.86	41.27 2.56 -1.66	41.91 2.36 -1.40	40.22 2.07 -1.10	35.79 1.85 -0.86	30.85 1.72 -0.42	23.71 1.24 0.00	22.33 1.06 0.00
CHESTROR_138KV_BK263 355645	19.29 0.40 -7.33	17.67 0.31 -8.90	16.86 0.25 -9.35	16.17 0.21 -10.11	17.03 0.24 -8.91	18.75 0.34 -7.43	21.12 0.56 -4.02	22.16 0.74 -1.90	22.67 0.96 0.00	22.33 0.90 0.00	22.57 0.93 -0.02	23.22 0.87 -0.06	23.43 0.94 -0.01	24.41 0.98 -0.13	26.97 1.12 -0.48	29.35 1.24 -0.60	31.85 1.20 -0.75	40.35 1.85 -1.44	41.04 1.68 -1.22	39.48 1.48 -0.95	35.18 1.36 -0.75	30.34 1.26 -0.36	23.42 0.94 0.00	22.01 0.74 0.00
CH_MIDHUDSON___DRP 24192	20.02 0.44 -8.03	18.55 0.34 -9.75	17.78 0.28 -10.25	17.16 0.22 -11.07	17.91 0.27 -9.77	19.49 0.37 -8.14	21.58 0.63 -4.41	22.42 0.82 -2.09	22.76 1.04 0.00	22.35 0.92 0.00	22.64 0.99 -0.02	23.28 0.94 -0.05	23.47 0.99 -0.01	24.45 1.03 -0.12	26.97 1.17 -0.43	29.37 1.32 -0.54	31.83 1.26 -0.67	40.36 2.00 -1.30	41.07 1.83 -1.10	39.50 1.59 -0.86	35.21 1.46 -0.68	30.39 1.35 -0.33	23.51 1.03 0.00	22.08 0.81 0.00
CH_MISC_IPPS 23765	19.91 0.47 -7.88	18.40 0.37 -9.57	17.61 0.29 -10.06	16.97 0.23 -10.87	17.74 0.28 -9.59	19.36 0.39 -7.99	21.56 0.69 -4.33	22.48 0.92 -2.05	22.86 1.15 0.00	22.48 1.05 0.00	22.74 1.10 -0.02	23.42 1.07 -0.06	23.50 1.01 -0.01	24.57 1.14 -0.13	27.15 1.32 -0.46	29.49 1.40 -0.58	32.03 1.41 -0.72	40.59 2.15 -1.39	41.29 1.98 -1.17	39.74 1.78 -0.92	35.48 1.69 -0.72	30.58 1.52 -0.35	23.66 1.19 0.00	22.16 0.89 0.00
CH_RES_BVR_FALLS 23983	10.71 -0.84 0.00	7.82 -0.64 0.00	6.74 -0.52 0.00	5.44 -0.43 0.00	7.26 -0.61 0.00	10.14 -0.83 0.00	15.27 -1.27 0.00	18.11 -1.41 0.00	20.24 -1.48 0.00	19.95 -1.48 0.00	20.28 -1.34 0.00	20.95 -1.34 0.00	21.01 -1.46 0.00	21.76 -1.54 0.00	23.77 -1.60 0.00	25.74 -1.76 0.00	28.14 -1.76 0.00	35.17 -1.89 0.00	36.42 -1.72 0.00	34.94 -2.11 0.00	31.16 -1.92 0.00	26.96 -1.75 0.00	21.08 -1.39 0.00	19.82 -1.45 0.00

CH_RES_NIAGARA 23895	12.86 0.02 -1.28	10.06 0.04 -1.56	8.98 0.09 -1.63	7.71 0.08 -1.77	9.51 0.08 -1.56	12.26 -0.01 -1.30	16.91 -0.33 -0.70	19.25 -0.61 -0.34	21.00 -0.72 0.00	21.05 -0.39 0.00	21.36 -0.26 0.00	22.05 -0.24 0.00	22.36 -0.11 0.00	23.23 -0.07 0.00	25.07 -0.30 0.00	27.20 -0.30 0.00	29.36 -0.54 0.00	35.28 -1.78 0.00	36.27 -1.87 0.00	35.68 -1.37 0.00	32.01 -1.06 0.00	27.85 -0.86 0.00	22.20 -0.27 0.00	21.23 -0.04 0.00
CH_RES_SYRACUSE 23985	12.45 0.05 -0.85	9.53 0.03 -1.04	8.37 0.02 -1.09	7.06 0.02 -1.18	8.95 0.04 -1.04	11.90 0.07 -0.86	17.11 0.10 -0.47	19.86 0.12 -0.23	21.80 0.09 0.00	21.58 0.15 0.00	21.80 0.17 0.00	22.51 0.22 0.00	22.67 0.20 0.00	23.49 0.19 0.00	25.55 0.18 0.00	27.72 0.22 0.00	30.11 0.21 0.00	37.13 0.07 0.00	38.21 0.08 0.00	37.16 0.11 0.00	33.17 0.10 0.00	28.77 0.06 0.00	22.52 0.05 0.00	21.38 0.11 0.00
CLINTON_WT_PWR 323605	10.37 -1.35 -0.17	7.67 -1.00 -0.20	6.70 -0.77 -0.22	5.44 -0.66 -0.23	7.09 -0.98 -0.21	9.82 -1.33 -0.17	14.58 -2.05 -0.09	17.33 -2.23 -0.04	19.43 -2.28 0.00	19.07 -2.36 0.00	19.48 -2.14 0.00	20.11 -2.18 0.00	20.02 -2.45 0.00	20.71 -2.59 0.00	22.71 -2.66 0.00	24.47 -3.03 0.01	26.97 -2.93 0.00	34.05 -3.00 0.00	35.66 -2.48 0.00	33.71 -3.33 0.00	30.00 -3.07 0.00	25.93 -2.78 0.00	20.29 -2.18 0.00	18.99 -2.28 0.00
CLINTON___LFGE 323618	10.51 -1.21 -0.17	7.77 -0.90 -0.21	6.78 -0.69 -0.22	5.51 -0.59 -0.23	7.18 -0.90 -0.21	9.95 -1.20 -0.17	14.81 -1.82 -0.09	17.59 -1.97 -0.04	19.72 -2.00 0.00	19.35 -2.08 0.00	19.81 -1.82 0.00	20.44 -1.85 0.00	20.31 -2.16 0.00	21.02 -2.28 0.00	23.04 -2.33 0.00	24.83 -2.67 0.01	27.39 -2.51 0.00	34.68 -2.37 0.00	36.35 -1.79 0.00	34.31 -2.74 0.00	30.49 -2.58 0.00	26.30 -2.41 0.00	20.61 -1.86 0.00	19.27 -2.00 0.00
COBBLENY_34_KV_TB1 80064	13.19 0.20 -1.44	10.35 0.14 -1.74	9.23 0.15 -1.83	7.97 0.12 -1.98	9.76 0.14 -1.75	12.57 0.14 -1.46	17.47 0.13 -0.79	19.92 0.02 -0.39	21.89 0.17 0.00	22.05 0.62 0.00	22.34 0.71 0.00	23.23 0.94 0.00	23.48 1.01 0.00	24.46 1.16 0.00	26.41 1.04 0.00	28.44 0.94 0.00	31.10 1.20 0.00	37.24 0.19 0.00	38.48 0.34 0.00	37.86 0.82 0.00	33.87 0.79 0.00	29.23 0.52 0.00	23.30 0.83 0.00	22.12 0.85 0.00
COFFEEN___115KV_TB3 355620	12.03 0.00 -0.47	9.02 -0.02 -0.58	7.84 -0.02 -0.61	6.51 -0.01 -0.65	8.53 0.08 -0.58	11.58 0.12 -0.48	17.00 0.20 -0.26	19.58 -0.06 -0.13	21.43 -0.28 0.00	21.13 -0.30 0.00	21.21 -0.41 0.00	21.98 -0.31 0.00	22.00 -0.47 0.00	22.81 -0.49 0.00	25.01 -0.36 0.00	27.23 -0.28 0.00	29.93 0.03 0.00	37.31 0.26 0.00	38.90 0.76 0.00	37.86 0.82 0.00	33.87 0.79 0.00	29.14 0.43 0.00	22.76 0.29 0.00	21.40 0.13 0.00
COLDSPRG_115KV_BK1 355956	13.46 0.39 -1.51	10.58 0.28 -1.84	9.42 0.23 -1.93	8.14 0.19 -2.09	9.95 0.24 -1.84	12.83 0.32 -1.53	17.89 0.51 -0.84	20.49 0.57 -0.41	22.63 0.91 0.00	22.93 1.50 0.00	23.29 1.66 0.00	24.21 1.92 0.00	24.47 2.00 0.00	25.51 2.21 0.00	27.55 2.18 0.00	29.68 2.17 0.00	32.44 2.54 0.00	39.02 1.96 0.00	40.27 2.14 0.00	39.45 2.41 0.00	35.26 2.18 0.00	30.38 1.67 0.00	24.14 1.66 0.00	22.76 1.49 0.00
COLONIE_LFGE___ 323577	22.10 0.34 -10.21	21.10 0.24 -12.41	20.50 0.21 -13.04	20.12 0.17 -14.09	20.53 0.24 -12.43	21.66 0.33 -10.36	22.63 0.48 -5.61	22.73 0.55 -2.67	22.34 0.63 0.00	21.94 0.51 0.00	22.10 0.50 0.02	22.73 0.51 0.07	23.00 0.54 0.01	23.75 0.60 0.16	25.44 0.63 0.56	27.54 0.74 0.71	29.89 0.87 0.88	36.62 1.26 1.69	38.04 1.33 1.43	37.19 1.26 1.12	33.32 1.13 0.88	29.29 1.00 0.43	23.21 0.74 0.00	21.91 0.64 0.00
COOPERNY_115KV_TB1 80082	17.87 0.32 -6.00	15.99 0.25 -7.28	15.11 0.20 -7.65	14.30 0.16 -8.27	15.37 0.20 -7.29	17.33 0.27 -6.08	20.28 0.45 -3.29	21.64 0.62 -1.50	22.49 0.78 0.00	22.16 0.73 0.00	22.37 0.74 -0.01	23.06 0.74 -0.04	23.24 0.76 -0.01	24.18 0.79 -0.09	26.59 0.91 -0.30	28.90 1.02 -0.38	31.36 0.99 -0.47	39.49 1.52 -0.91	40.32 1.41 -0.77	38.91 1.26 -0.60	34.71 1.16 -0.47	30.00 1.06 -0.23	23.26 0.79 0.00	21.91 0.64 0.00
COPENHAGEN_WT_PWR 323753	11.96 -0.08 -0.49	8.97 -0.08 -0.59	7.81 -0.07 -0.62	6.49 -0.04 -0.67	8.47 0.01 -0.59	11.50 0.03 -0.49	16.86 0.05 -0.27	19.49 -0.16 -0.13	21.36 -0.35 0.00	21.07 -0.36 0.00	21.23 -0.39 0.00	21.89 -0.40 0.00	21.96 -0.52 0.00	22.74 -0.56 0.00	24.89 -0.48 0.00	27.12 -0.39 0.00	29.69 -0.21 0.00	36.98 -0.07 0.00	38.48 0.34 0.00	37.42 0.37 0.00	33.44 0.36 0.00	28.86 0.14 0.00	22.56 0.09 0.00	21.23 -0.04 0.00
CORNELL___ 23752	13.69 0.31 -1.82	10.90 0.23 -2.21	9.77 0.19 -2.32	8.52 0.15 -2.51	10.31 0.23 -2.21	13.16 0.34 -1.85	18.08 0.55 -1.00	20.59 0.59 -0.49	22.26 0.54 0.00	22.03 0.60 0.00	22.21 0.58 0.00	23.00 0.71 0.00	23.17 0.70 0.00	24.05 0.75 0.00	26.18 0.81 0.00	28.39 0.88 0.00	30.98 1.08 0.00	38.24 1.19 0.00	39.51 1.37 0.00	38.45 1.41 0.00	34.36 1.29 0.00	29.72 1.00 0.00	23.24 0.76 0.00	21.97 0.70 0.00
CORONA_AAV_69_KV_TB1 355595	20.18 0.72 -7.91	18.55 0.48 -9.61	17.76 0.41 -10.10	17.10 0.32 -10.91	17.98 0.48 -9.62	19.63 0.64 -8.02	21.71 0.83 -4.34	22.68 1.11 -2.06	23.02 1.30 0.00	22.63 1.20 0.00	22.99 1.34 -0.02	23.67 1.32 -0.07	23.99 1.51 -0.01	24.95 1.49 -0.16	27.83 1.90 -0.55	30.15 1.95 -0.70	32.65 1.88 -0.86	41.60 2.89 -1.66	42.14 2.59 -1.40	40.55 2.41 -1.10	36.22 2.28 -0.86	31.23 2.10 -0.42	24.11 1.64 0.00	22.76 1.49 0.00
CORTLAND_115KV_TB3 80093	13.23 0.20 -1.48	10.40 0.14 -1.80	9.27 0.12 -1.89	8.01 0.10 -2.05	9.83 0.15 -1.81	12.70 0.22 -1.50	17.70 0.35 -0.81	20.28 0.37 -0.40	22.06 0.35 0.00	21.84 0.41 0.00	22.01 0.39 0.00	22.80 0.51 0.00	22.94 0.47 0.00	23.81 0.51 0.00	25.95 0.58 0.00	28.11 0.61 0.00	30.62 0.72 0.00	37.76 0.70 0.00	38.98 0.84 0.00	37.94 0.89 0.00	33.87 0.79 0.00	29.32 0.60 0.00	22.94 0.47 0.00	21.74 0.47 0.00
COXSACKIE___GT 23611	21.18 0.20 -9.43	20.05 0.13 -11.46	19.37 0.07 -12.04	18.94 0.07 -13.01	19.41 0.06 -11.47	20.71 0.18 -9.56	22.15 0.43 -5.18	22.47 0.51 -2.45	22.45 0.74 0.00	21.92 0.49 0.00	22.14 0.52 0.01	22.76 0.49 0.02	22.96 0.49 0.00	23.94 0.68 0.04	25.92 0.69 0.14	28.21 0.88 0.17	30.67 0.99 0.21	38.27 1.63 0.41	39.55 1.76 0.35	38.40 1.63 0.27	34.48 1.62 0.21	29.99 1.38 0.10	23.42 0.94 0.00	21.82 0.55 0.00
CPV_VALLEY___CC1 323721	18.77 0.36 -6.85	17.06 0.28 -8.32	16.23 0.23 -8.75	15.50 0.18 -9.45	16.43 0.22 -8.34	18.22 0.30 -6.95	20.80 0.50 -3.76	21.93 0.64 -1.78	22.54 0.82 0.00	22.20 0.77 0.00	22.42 0.78 -0.02	23.10 0.76 -0.05	23.20 0.72 -0.01	24.23 0.82 -0.12	26.76 0.96 -0.42	29.03 0.99 -0.53	31.61 1.05 -0.66	39.89 1.56 -1.28	40.63 1.41 -1.08	39.19 1.30 -0.84	34.93 1.19 -0.66	30.12 1.09 -0.32	23.30 0.83 0.00	21.93 0.66 0.00

CPV_VALLEY___CC2 323722	18.77 0.36 -6.85	17.06 0.28 -8.32	16.23 0.23 -8.75	15.50 0.18 -9.45	16.43 0.22 -8.34	18.22 0.30 -6.95	20.80 0.50 -3.76	21.93 0.64 -1.78	22.54 0.82 0.00	22.20 0.77 0.00	22.42 0.78 -0.02	23.10 0.76 -0.05	23.20 0.72 -0.01	24.23 0.82 -0.12	26.76 0.96 -0.42	29.03 0.99 -0.53	31.61 1.05 -0.66	39.89 1.56 -1.28	40.63 1.41 -1.08	39.19 1.30 -0.84	34.93 1.19 -0.66	30.12 1.09 -0.32	23.30 0.83 0.00	21.93 0.66 0.00
CRESCENT___HYD 24018	22.10 0.34 -10.21	21.10 0.24 -12.41	20.50 0.21 -13.04	20.12 0.17 -14.09	20.53 0.24 -12.43	21.66 0.33 -10.36	22.63 0.48 -5.61	22.73 0.55 -2.67	22.34 0.63 0.00	21.94 0.51 0.00	22.10 0.50 0.02	22.73 0.51 0.07	23.00 0.54 0.01	23.75 0.60 0.16	25.44 0.63 0.56	27.54 0.74 0.71	29.89 0.87 0.88	36.62 1.26 1.69	38.04 1.33 1.43	37.19 1.26 1.12	33.32 1.13 0.88	29.29 1.00 0.43	23.21 0.74 0.00	21.91 0.64 0.00
CRICKET___VALLEY_CC1 323756	20.27 0.35 -8.37	18.89 0.26 -10.16	18.16 0.23 -10.68	17.59 0.18 -11.54	18.29 0.24 -10.18	19.77 0.31 -8.49	21.58 0.45 -4.59	22.24 0.55 -2.18	22.41 0.69 0.00	22.03 0.60 0.00	22.00 0.60 0.23	22.19 0.58 0.68	22.89 0.56 0.14	22.38 0.65 1.58	20.55 0.79 5.61	21.25 0.80 7.05	21.97 0.81 8.74	21.54 1.33 16.85	25.10 1.22 14.26	26.97 1.08 11.15	25.29 0.99 8.78	25.40 0.92 4.23	23.17 0.70 0.00	21.86 0.59 0.00
CRICKET___VALLEY_CC2 323757	20.27 0.35 -8.37	18.89 0.26 -10.16	18.16 0.23 -10.68	17.59 0.18 -11.54	18.29 0.24 -10.18	19.77 0.31 -8.49	21.58 0.45 -4.59	22.24 0.55 -2.18	22.41 0.69 0.00	22.03 0.60 0.00	22.00 0.60 0.23	22.19 0.58 0.68	22.89 0.56 0.14	22.38 0.65 1.58	20.55 0.79 5.61	21.25 0.80 7.05	21.97 0.81 8.74	21.54 1.33 16.85	25.10 1.22 14.26	26.97 1.08 11.15	25.29 0.99 8.78	25.40 0.92 4.23	23.17 0.70 0.00	21.86 0.59 0.00
CRICKET___VALLEY_CC3 323758	20.27 0.35 -8.37	18.89 0.26 -10.16	18.16 0.23 -10.68	17.59 0.18 -11.54	18.29 0.24 -10.18	19.77 0.31 -8.49	21.58 0.45 -4.59	22.24 0.55 -2.18	22.41 0.69 0.00	22.03 0.60 0.00	22.00 0.60 0.23	22.19 0.58 0.68	22.89 0.56 0.14	22.38 0.65 1.58	20.55 0.79 5.61	21.25 0.80 7.05	21.97 0.81 8.74	21.54 1.33 16.85	25.10 1.22 14.26	26.97 1.08 11.15	25.29 0.99 8.78	25.40 0.92 4.23	23.17 0.70 0.00	21.86 0.59 0.00
CRUCIBLE_METL_DRP 24180	12.45 0.05 -0.85	9.53 0.03 -1.04	8.37 0.02 -1.09	7.06 0.02 -1.18	8.95 0.04 -1.04	11.90 0.07 -0.86	17.11 0.10 -0.47	19.86 0.12 -0.23	21.80 0.09 0.00	21.58 0.15 0.00	21.75 0.13 0.00	22.51 0.22 0.00	22.63 0.16 0.00	23.49 0.19 0.00	25.55 0.18 0.00	27.67 0.17 0.00	30.11 0.21 0.00	37.09 0.04 0.00	38.21 0.08 0.00	37.16 0.11 0.00	33.21 0.13 0.00	28.77 0.06 0.00	22.52 0.04 0.00	21.38 0.11 0.00
DAHOWA___HYDRO 323763	22.51 0.58 -10.38	21.48 0.41 -12.61	20.86 0.36 -13.25	20.47 0.29 -14.32	20.89 0.39 -12.63	22.07 0.57 -10.53	23.10 0.86 -5.70	23.22 0.99 -2.71	22.82 1.11 0.00	22.40 0.97 0.00	22.51 0.91 0.02	23.17 0.94 0.06	23.45 0.99 0.01	24.28 1.12 0.13	26.11 1.22 0.48	28.39 1.48 0.60	30.89 1.73 0.74	38.03 2.41 1.43	39.55 2.63 1.21	38.58 2.48 0.95	34.61 2.28 0.75	30.31 1.95 0.36	23.89 1.42 0.00	22.44 1.17 0.00
DANC___LFGE 323619	12.02 -0.09 -0.56	9.06 -0.08 -0.68	7.90 -0.07 -0.71	6.59 -0.05 -0.77	8.53 -0.02 -0.68	11.53 -0.01 -0.57	16.83 -0.02 -0.31	19.51 -0.16 -0.15	21.43 -0.28 0.00	21.15 -0.28 0.00	21.32 -0.30 0.00	21.98 -0.31 0.00	22.09 -0.38 0.00	22.88 -0.42 0.00	24.99 -0.38 0.00	27.18 -0.33 0.00	29.66 -0.24 0.00	36.76 -0.30 0.00	38.10 -0.04 0.00	37.05 0.00 0.00	33.11 0.03 0.00	28.66 -0.06 0.00	22.41 -0.07 0.00	21.16 -0.11 0.00
DANSKAMMER___1 23586	19.91 0.47 -7.88	18.40 0.37 -9.57	17.61 0.29 -10.06	16.97 0.23 -10.87	17.74 0.28 -9.59	19.36 0.39 -7.99	21.56 0.69 -4.33	22.48 0.92 -2.05	22.86 1.15 0.00	22.48 1.05 0.00	22.74 1.10 -0.02	23.42 1.07 -0.06	23.50 1.01 -0.01	24.57 1.14 -0.13	27.15 1.32 -0.46	29.49 1.40 -0.58	32.03 1.41 -0.72	40.59 2.15 -1.39	41.29 1.98 -1.17	39.74 1.78 -0.92	35.48 1.69 -0.72	30.58 1.52 -0.35	23.66 1.19 0.00	22.16 0.89 0.00
DANSKAMMER___2 23589	19.91 0.47 -7.88	18.40 0.37 -9.57	17.61 0.29 -10.06	16.97 0.23 -10.87	17.74 0.28 -9.59	19.36 0.39 -7.99	21.56 0.69 -4.33	22.48 0.92 -2.05	22.86 1.15 0.00	22.48 1.05 0.00	22.74 1.10 -0.02	23.42 1.07 -0.06	23.50 1.01 -0.01	24.57 1.14 -0.13	27.15 1.32 -0.46	29.49 1.40 -0.58	32.03 1.41 -0.72	40.59 2.15 -1.39	41.29 1.98 -1.17	39.74 1.78 -0.92	35.48 1.69 -0.72	30.58 1.52 -0.35	23.66 1.19 0.00	22.16 0.89 0.00
DANSKAMMER___3 23590	19.91 0.47 -7.88	18.40 0.37 -9.57	17.61 0.29 -10.06	16.97 0.23 -10.87	17.74 0.28 -9.59	19.36 0.39 -7.99	21.56 0.69 -4.33	22.48 0.92 -2.05	22.86 1.15 0.00	22.48 1.05 0.00	22.74 1.10 -0.02	23.42 1.07 -0.06	23.50 1.01 -0.01	24.57 1.14 -0.13	27.15 1.32 -0.46	29.49 1.40 -0.58	32.03 1.41 -0.72	40.59 2.15 -1.39	41.29 1.98 -1.17	39.74 1.78 -0.92	35.48 1.69 -0.72	30.58 1.52 -0.35	23.66 1.19 0.00	22.16 0.89 0.00
DANSKAMMER___4 23591	19.91 0.47 -7.88	18.40 0.37 -9.57	17.61 0.29 -10.06	16.97 0.23 -10.87	17.74 0.28 -9.59	19.36 0.39 -7.99	21.56 0.69 -4.33	22.48 0.92 -2.05	22.86 1.15 0.00	22.48 1.05 0.00	22.74 1.10 -0.02	23.42 1.07 -0.06	23.50 1.01 -0.01	24.57 1.14 -0.13	27.15 1.32 -0.46	29.49 1.40 -0.58	32.03 1.41 -0.72	40.59 2.15 -1.39	41.29 1.98 -1.17	39.74 1.78 -0.92	35.48 1.69 -0.72	30.58 1.52 -0.35	23.66 1.19 0.00	22.16 0.89 0.00
DANSKAMMER___DIESEL 23592	19.91 0.47 -7.88	18.40 0.37 -9.57	17.61 0.29 -10.06	16.97 0.23 -10.87	17.74 0.28 -9.59	19.36 0.40 -7.99	21.56 0.69 -4.33	22.48 0.92 -2.05	22.86 1.15 0.00	22.48 1.05 0.00	22.77 1.12 -0.02	23.42 1.07 -0.06	23.61 1.12 -0.01	24.59 1.16 -0.13	27.15 1.32 -0.46	29.57 1.49 -0.58	32.03 1.41 -0.72	40.67 2.22 -1.39	41.33 2.02 -1.17	39.74 1.78 -0.92	35.45 1.65 -0.72	30.58 1.52 -0.35	23.64 1.17 0.00	22.16 0.89 0.00
DARBY___SOLAR 323810	22.44 0.53 -10.36	21.42 0.38 -12.58	20.80 0.33 -13.22	20.41 0.26 -14.28	20.83 0.35 -12.60	22.00 0.53 -10.50	23.02 0.79 -5.69	23.14 0.92 -2.71	22.76 1.04 0.00	22.33 0.90 0.00	22.45 0.84 0.02	23.10 0.87 0.06	23.40 0.94 0.01	24.21 1.05 0.14	26.02 1.14 0.49	28.26 1.37 0.62	30.72 1.58 0.77	37.76 2.19 1.48	39.25 2.37 1.25	38.33 2.26 0.98	34.35 2.05 0.77	30.09 1.75 0.37	23.75 1.28 0.00	22.33 1.06 0.00
DASHVILLE___HYD 23610	19.96 0.32 -8.08	18.54 0.26 -9.82	17.77 0.20 -10.32	17.17 0.16 -11.15	17.86 0.16 -9.83	19.39 0.22 -8.20	21.44 0.46 -4.44	22.31 0.70 -2.09	22.78 1.06 0.00	22.42 0.99 0.00	22.82 1.19 -0.01	23.53 1.20 -0.04	23.51 1.03 -0.01	24.64 1.26 -0.08	27.12 1.45 -0.30	29.48 1.60 -0.38	31.86 1.50 -0.47	40.33 2.37 -0.90	41.00 2.10 -0.76	39.49 1.85 -0.60	35.23 1.69 -0.47	30.49 1.55 -0.23	23.62 1.15 0.00	22.14 0.87 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	20.41 0.95 -7.91	18.62 0.55 -9.61	17.86 0.51 -10.10	17.18 0.41 -10.91	18.23 0.73 -9.62	19.95 0.95 -8.02	21.73 0.84 -4.34	22.68 1.11 -2.06	23.19 1.48 0.00	22.78 1.35 0.00	23.16 1.51 -0.02	23.58 1.23 -0.07	24.42 1.93 -0.01	25.09 1.63 -0.16	28.13 2.21 -0.55	30.48 2.28 -0.70	33.07 2.30 -0.86	42.16 3.45 -1.66	42.55 3.01 -1.40	41.00 2.85 -1.10	36.59 2.65 -0.86	31.51 2.38 -0.42	24.20 1.73 0.00	23.12 1.85 0.00
DELAWARE___LFGE 323621	15.20 0.32 -3.32	12.73 0.24 -4.04	11.69 0.20 -4.24	10.61 0.16 -4.58	12.14 0.23 -4.04	14.66 0.32 -3.37	18.86 0.50 -1.82	20.90 0.47 -0.92	22.26 0.54 0.00	22.01 0.58 0.00	22.21 0.58 0.00	22.91 0.62 0.00	23.12 0.65 0.00	23.98 0.68 0.00	26.13 0.76 0.00	28.33 0.83 0.00	30.80 0.90 0.00	38.09 1.04 0.00	39.21 1.07 0.00	38.12 1.07 0.00	34.03 0.96 0.00	29.55 0.83 0.00	23.10 0.63 0.00	21.82 0.55 0.00
DERFIELD_115KV_TB7 355931	11.50 -0.06 0.00	8.42 -0.04 0.00	7.22 -0.04 0.00	5.83 -0.03 0.00	7.84 -0.03 0.00	10.93 -0.04 0.00	16.47 -0.07 0.00	19.42 -0.10 0.00	21.60 -0.11 0.00	21.32 -0.11 0.00	21.52 -0.11 0.00	22.18 -0.11 0.00	22.36 -0.11 0.00	23.18 -0.12 0.00	25.24 -0.13 0.00	27.40 -0.11 0.00	29.78 -0.12 0.00	36.98 -0.07 0.00	38.06 -0.08 0.00	36.94 -0.11 0.00	32.98 -0.10 0.00	28.60 -0.11 0.00	22.40 -0.07 0.00	21.18 -0.09 0.00
DOGLEVILLE___HYD 23807	11.32 -0.23 0.00	8.30 -0.16 0.00	7.13 -0.13 0.00	5.77 -0.09 0.00	7.76 -0.11 0.00	10.84 -0.13 0.00	16.36 -0.18 0.00	19.28 -0.23 0.00	21.36 -0.35 0.00	21.13 -0.30 0.00	21.49 -0.13 0.00	22.18 -0.11 0.00	22.22 -0.25 0.00	23.04 -0.26 0.00	25.14 -0.23 0.00	27.26 -0.25 0.00	29.63 -0.27 0.00	36.80 -0.26 0.00	37.87 -0.27 0.00	36.71 -0.33 0.00	32.68 -0.40 0.00	28.37 -0.34 0.00	22.34 -0.13 0.00	21.12 -0.15 0.00
DUNKIRK___115KV_TB_200 55889	13.33 0.35 -1.43	10.45 0.25 -1.74	9.31 0.22 -1.83	8.02 0.18 -1.98	9.84 0.22 -1.74	12.69 0.26 -1.45	17.79 0.45 -0.80	20.36 0.45 -0.39	22.39 0.67 0.00	22.67 1.24 0.00	22.99 1.36 0.00	23.89 1.60 0.00	24.18 1.71 0.00	25.21 1.91 0.00	27.22 1.85 0.00	29.29 1.79 0.00	32.02 2.12 0.00	38.43 1.37 0.00	39.66 1.53 0.00	38.94 1.89 0.00	34.83 1.75 0.00	30.06 1.35 0.00	23.87 1.39 0.00	22.52 1.25 0.00
DUNKIRK___1 23563	13.33 0.35 -1.43	10.45 0.25 -1.74	9.31 0.22 -1.83	8.02 0.18 -1.98	9.84 0.22 -1.74	12.69 0.26 -1.45	17.79 0.45 -0.80	20.36 0.45 -0.39	22.39 0.67 0.00	22.67 1.24 0.00	22.99 1.36 0.00	23.89 1.60 0.00	24.18 1.71 0.00	25.21 1.91 0.00	27.22 1.85 0.00	29.29 1.79 0.00	32.02 2.12 0.00	38.43 1.37 0.00	39.66 1.53 0.00	38.94 1.89 0.00	34.83 1.75 0.00	30.06 1.35 0.00	23.87 1.39 0.00	22.52 1.25 0.00
DUNKIRK___2 23564	13.33 0.35 -1.43	10.45 0.25 -1.74	9.31 0.22 -1.83	8.02 0.18 -1.98	9.84 0.22 -1.74	12.69 0.26 -1.45	17.79 0.45 -0.80	20.36 0.45 -0.39	22.39 0.67 0.00	22.67 1.24 0.00	22.99 1.36 0.00	23.89 1.60 0.00	24.18 1.71 0.00	25.21 1.91 0.00	27.22 1.85 0.00	29.29 1.79 0.00	32.02 2.12 0.00	38.43 1.37 0.00	39.66 1.53 0.00	38.94 1.89 0.00	34.83 1.75 0.00	30.06 1.35 0.00	23.87 1.39 0.00	22.52 1.25 0.00
DUNKIRK___3 23565	13.27 0.29 -1.43	10.40 0.21 -1.73	9.27 0.20 -1.82	8.00 0.16 -1.97	9.80 0.20 -1.74	12.64 0.22 -1.45	17.69 0.35 -0.80	20.22 0.31 -0.39	22.23 0.52 0.00	22.46 1.03 0.00	22.75 1.12 0.00	23.63 1.34 0.00	23.93 1.46 0.00	24.93 1.63 0.00	26.92 1.55 0.00	28.99 1.49 0.00	31.67 1.76 0.00	38.02 0.96 0.00	39.24 1.11 0.00	38.53 1.48 0.00	34.50 1.42 0.00	29.78 1.06 0.00	23.64 1.17 0.00	22.37 1.11 0.00
DUNKIRK___4 23566	13.27 0.29 -1.43	10.40 0.21 -1.73	9.27 0.20 -1.82	8.00 0.16 -1.97	9.80 0.20 -1.74	12.64 0.22 -1.45	17.69 0.35 -0.80	20.22 0.31 -0.39	22.23 0.52 0.00	22.46 1.03 0.00	22.75 1.12 0.00	23.63 1.34 0.00	23.93 1.46 0.00	24.93 1.63 0.00	26.92 1.55 0.00	28.99 1.49 0.00	31.67 1.76 0.00	38.02 0.96 0.00	39.24 1.11 0.00	38.53 1.48 0.00	34.50 1.42 0.00	29.78 1.06 0.00	23.64 1.17 0.00	22.37 1.11 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.97 0.51 -7.91	18.46 0.40 -9.61	17.68 0.33 -10.10	17.04 0.26 -10.91	17.82 0.33 -9.62	19.43 0.44 -8.02	21.59 0.71 -4.34	22.53 0.96 -2.05	22.91 1.19 0.00	22.52 1.09 0.00	22.81 1.17 -0.02	23.47 1.11 -0.07	23.65 1.17 -0.01	24.67 1.21 -0.16	27.32 1.40 -0.55	29.74 1.54 -0.69	32.23 1.47 -0.86	41.01 2.30 -1.66	41.68 2.14 -1.40	40.07 1.93 -1.10	35.66 1.72 -0.86	30.71 1.58 -0.42	23.62 1.15 0.00	22.25 0.98 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.64 0.44 -7.65	18.08 0.34 -9.29	17.28 0.27 -9.76	16.62 0.22 -10.54	17.43 0.26 -9.30	19.09 0.36 -7.75	21.36 0.63 -4.20	22.34 0.84 -1.98	22.78 1.06 0.00	22.40 0.96 0.00	22.66 1.02 -0.02	23.33 0.98 -0.06	23.52 1.03 -0.01	24.50 1.07 -0.13	27.07 1.24 -0.46	29.46 1.38 -0.58	31.93 1.32 -0.71	40.51 2.08 -1.38	41.17 1.87 -1.17	39.63 1.67 -0.91	35.31 1.52 -0.72	30.47 1.41 -0.35	23.55 1.08 0.00	22.10 0.83 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	19.98 0.52 -7.91	18.52 0.46 -9.61	17.73 0.38 -10.10	17.05 0.28 -10.91	17.82 0.33 -9.62	19.41 0.42 -8.02	21.51 0.63 -4.34	22.49 0.92 -2.05	22.91 1.19 0.00	22.50 1.07 0.00	22.77 1.12 -0.02	23.43 1.07 -0.07	23.59 1.10 -0.01	24.62 1.16 -0.16	27.27 1.34 -0.55	29.66 1.46 -0.69	32.11 1.35 -0.86	41.01 2.30 -1.66	41.64 2.10 -1.40	39.96 1.82 -1.10	35.53 1.59 -0.86	30.62 1.49 -0.42	23.55 1.08 0.00	22.25 0.98 0.00
E179THST_13_KV_LOAD 356214	20.03 0.57 -7.91	18.56 0.49 -9.61	17.75 0.40 -10.10	17.08 0.30 -10.91	17.86 0.36 -9.62	19.45 0.45 -8.02	21.58 0.69 -4.34	22.56 1.00 -2.05	22.99 1.28 0.00	22.59 1.16 0.00	22.86 1.21 -0.02	23.52 1.16 -0.07	23.68 1.19 -0.01	24.71 1.26 -0.16	27.39 1.47 -0.55	29.77 1.57 -0.69	32.26 1.50 -0.86	41.20 2.48 -1.66	41.83 2.29 -1.40	40.14 2.00 -1.10	35.69 1.75 -0.86	30.77 1.64 -0.42	23.64 1.17 0.00	22.33 1.06 0.00
EAST HAMPTON___GT 23717	20.72 1.25 -7.91	18.72 0.65 -9.61	17.95 0.60 -10.10	17.26 0.48 -10.91	18.32 0.83 -9.62	20.07 1.08 -8.02	21.92 1.04 -4.34	22.92 1.35 -2.06	23.47 1.76 0.00	23.08 1.65 0.00	23.07 1.43 -0.02	23.78 1.43 -0.07	24.28 1.80 -0.01	25.37 1.91 -0.16	28.38 2.46 -0.55	30.65 2.45 -0.69	33.54 2.78 -0.86	42.01 3.30 -1.66	42.48 2.94 -1.40	41.52 3.37 -1.10	37.08 3.14 -0.86	32.00 2.87 -0.42	24.70 2.23 0.00	23.35 2.09 0.00
EAST RIVER___6 23660	19.95 0.49 -7.91	18.45 0.39 -9.61	17.69 0.33 -10.10	17.04 0.26 -10.91	17.80 0.31 -9.62	19.37 0.37 -8.02	21.53 0.64 -4.34	22.51 0.94 -2.05	22.93 1.22 0.00	22.55 1.11 0.00	22.77 1.12 -0.02	23.43 1.07 -0.07	23.50 1.01 -0.01	24.64 1.19 -0.16	27.32 1.39 -0.55	29.60 1.40 -0.70	32.20 1.44 -0.86	41.01 2.30 -1.66	41.72 2.17 -1.40	40.11 1.96 -1.10	35.66 1.72 -0.87	30.74 1.61 -0.42	23.62 1.15 0.00	22.20 0.93 0.00

EAST RIVER___7 23524	19.95 0.49 -7.91	18.45 0.39 -9.61	17.69 0.33 -10.10	17.04 0.26 -10.91	17.80 0.31 -9.62	19.37 0.37 -8.02	21.53 0.64 -4.34	22.51 0.94 -2.05	22.93 1.22 0.00	22.55 1.11 0.00	22.77 1.12 -0.02	23.43 1.07 -0.07	23.50 1.01 -0.01	24.64 1.19 -0.16	27.32 1.39 -0.55	29.60 1.40 -0.70	32.20 1.44 -0.86	41.01 2.30 -1.66	41.72 2.17 -1.40	40.11 1.96 -1.10	35.66 1.72 -0.87	30.74 1.61 -0.42	23.62 1.15 0.00	22.20 0.93 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.95 0.50 -7.89	18.44 0.39 -9.59	17.65 0.32 -10.08	17.01 0.26 -10.89	17.80 0.32 -9.60	19.41 0.43 -8.00	21.57 0.69 -4.33	22.48 0.92 -2.05	22.86 1.15 0.00	22.50 1.07 0.00	22.77 1.12 -0.02	23.43 1.07 -0.07	23.61 1.12 -0.01	24.62 1.16 -0.15	27.26 1.34 -0.55	29.68 1.49 -0.69	32.19 1.44 -0.86	40.93 2.22 -1.65	41.60 2.06 -1.40	39.99 1.85 -1.09	35.59 1.65 -0.86	30.65 1.52 -0.42	23.57 1.10 0.00	22.20 0.94 0.00
EAST_HAMPTON___DIESEL 23722	20.72 1.25 -7.91	18.72 0.65 -9.61	17.95 0.60 -10.10	17.26 0.48 -10.91	18.32 0.83 -9.62	20.07 1.08 -8.02	21.92 1.04 -4.34	22.92 1.35 -2.06	23.47 1.76 0.00	23.08 1.65 0.00	23.07 1.43 -0.02	23.78 1.43 -0.07	24.31 1.82 -0.01	25.37 1.91 -0.16	28.38 2.46 -0.55	30.65 2.45 -0.69	33.54 2.78 -0.86	42.01 3.30 -1.66	42.48 2.94 -1.40	41.52 3.37 -1.10	37.08 3.14 -0.86	32.00 2.87 -0.42	24.70 2.23 0.00	23.38 2.11 0.00
EAST_PULASKI___ESR 323781	12.10 -0.08 -0.62	9.15 -0.07 -0.76	8.00 -0.06 -0.80	6.68 -0.05 -0.86	8.59 -0.04 -0.76	11.56 -0.04 -0.63	16.83 -0.05 -0.34	19.55 -0.14 -0.17	21.47 -0.24 0.00	21.22 -0.21 0.00	21.36 -0.26 0.00	22.09 -0.20 0.00	22.18 -0.29 0.00	23.00 -0.30 0.00	25.06 -0.30 0.00	27.18 -0.33 0.00	29.60 -0.30 0.00	36.54 -0.52 0.00	37.76 -0.38 0.00	36.75 -0.30 0.00	32.84 -0.23 0.00	28.48 -0.23 0.00	22.29 -0.18 0.00	21.14 -0.13 0.00
EAST_RIVER___1 323558	20.00 0.53 -7.91	18.49 0.42 -9.61	17.71 0.36 -10.10	17.05 0.28 -10.91	17.83 0.34 -9.62	19.42 0.43 -8.02	21.59 0.71 -4.34	22.56 0.99 -2.05	22.97 1.26 0.00	22.59 1.16 0.00	22.81 1.17 -0.02	23.49 1.14 -0.07	23.54 1.06 -0.01	24.69 1.23 -0.16	27.37 1.45 -0.55	29.66 1.46 -0.70	32.26 1.49 -0.86	41.05 2.34 -1.66	41.72 2.17 -1.40	40.14 2.00 -1.10	35.72 1.78 -0.87	30.77 1.64 -0.42	23.69 1.21 0.00	22.29 1.02 0.00
EAST_RIVER___2 323559	19.95 0.49 -7.91	18.45 0.39 -9.61	17.69 0.33 -10.10	17.04 0.26 -10.91	17.80 0.31 -9.62	19.37 0.37 -8.02	21.53 0.64 -4.34	22.51 0.94 -2.05	22.93 1.22 0.00	22.55 1.11 0.00	22.77 1.12 -0.02	23.43 1.07 -0.07	23.50 1.01 -0.01	24.64 1.19 -0.16	27.32 1.39 -0.55	29.60 1.40 -0.70	32.20 1.44 -0.86	41.01 2.30 -1.66	41.72 2.17 -1.40	40.11 1.96 -1.10	35.66 1.72 -0.87	30.74 1.61 -0.42	23.62 1.15 0.00	22.20 0.93 0.00
EAST___DELAWARE_HYD 23607	18.75 0.10 -7.09	17.18 0.10 -8.62	16.35 0.04 -9.05	15.69 0.04 -9.78	16.51 0.01 -8.63	18.20 0.03 -7.19	20.65 0.21 -3.89	22.84 1.46 -1.86	23.10 1.39 0.00	22.72 1.29 0.00	23.41 1.77 -0.01	24.07 1.74 -0.04	23.72 1.24 -0.01	24.82 1.42 -0.09	27.36 1.65 -0.34	29.72 1.79 -0.42	32.22 1.79 -0.53	40.77 2.70 -1.01	41.51 2.52 -0.86	39.94 2.22 -0.67	35.72 2.12 -0.53	30.83 1.87 -0.25	24.43 1.95 0.00	22.59 1.32 0.00
EIGHT_POINT___WT_PWR 323820	13.67 0.43 -1.69	10.81 0.30 -2.05	9.66 0.25 -2.16	8.39 0.20 -2.33	10.20 0.27 -2.06	13.07 0.38 -1.71	18.05 0.58 -0.93	20.58 0.61 -0.46	22.41 0.69 0.00	22.44 1.01 0.00	22.83 1.21 0.00	23.63 1.34 0.00	23.82 1.35 0.00	24.79 1.49 0.00	26.87 1.50 0.00	29.18 1.68 0.00	31.58 1.67 0.00	38.43 1.37 0.00	39.66 1.53 0.00	38.72 1.67 0.00	34.60 1.52 0.00	29.89 1.18 0.00	23.64 1.17 0.00	22.37 1.11 0.00
ELBRIDGE_115KV_TB2 80188	12.48 0.02 -0.90	9.57 0.02 -1.09	8.41 0.01 -1.15	7.11 0.00 -1.24	8.98 0.02 -1.10	11.92 0.03 -0.91	17.10 0.07 -0.49	19.83 0.08 -0.24	21.73 0.02 0.00	21.52 0.09 0.00	21.69 0.06 0.00	22.40 0.11 0.00	22.56 0.09 0.00	23.42 0.12 0.00	25.47 0.10 0.00	27.59 0.08 0.00	30.02 0.12 0.00	36.98 0.00 0.00	38.14 0.00 0.00	37.12 0.07 0.00	33.14 0.07 0.00	28.71 0.00 0.00	22.47 0.00 0.00	21.33 0.06 0.00
ELEC_TRO_TEK 24086	20.11 0.65 -7.91	18.51 0.44 -9.61	17.72 0.37 -10.10	17.07 0.29 -10.91	17.94 0.44 -9.62	19.58 0.58 -8.02	21.63 0.74 -4.34	22.58 1.01 -2.06	22.97 1.26 0.00	22.59 1.16 0.00	22.94 1.30 -0.02	23.54 1.18 -0.07	23.95 1.46 -0.01	24.88 1.42 -0.16	27.72 1.80 -0.55	30.04 1.84 -0.70	32.50 1.73 -0.86	41.38 2.67 -1.66	41.94 2.40 -1.40	40.37 2.22 -1.10	36.02 2.08 -0.86	31.05 1.92 -0.42	23.96 1.48 0.00	22.63 1.36 0.00
ELLENBURG_WT_PWR 323604	10.37 -1.35 -0.17	7.67 -1.00 -0.20	6.70 -0.77 -0.22	5.44 -0.66 -0.23	7.09 -0.98 -0.21	9.82 -1.33 -0.17	14.58 -2.05 -0.09	17.33 -2.23 -0.04	19.43 -2.28 0.00	19.07 -2.36 0.00	19.48 -2.14 0.00	20.11 -2.18 0.00	20.02 -2.45 0.00	20.71 -2.59 0.00	22.71 -2.66 0.00	24.47 -3.03 0.01	26.97 -2.93 0.00	34.05 -3.00 0.00	35.66 -2.48 0.00	33.71 -3.33 0.00	30.00 -3.07 0.00	25.93 -2.78 0.00	20.29 -2.18 0.00	18.99 -2.28 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	13.12 0.21 -1.36	10.26 0.15 -1.65	9.15 0.16 -1.73	7.87 0.14 -1.87	9.68 0.16 -1.65	12.50 0.15 -1.37	17.43 0.13 -0.76	19.88 0.00 -0.37	21.76 0.04 0.00	21.90 0.47 0.00	22.14 0.52 0.00	22.98 0.69 0.00	23.26 0.79 0.00	24.23 0.93 0.00	26.16 0.79 0.00	28.11 0.61 0.00	30.74 0.84 0.00	36.76 -0.30 0.00	37.95 -0.19 0.00	37.38 0.33 0.00	33.54 0.46 0.00	29.00 0.29 0.00	23.10 0.63 0.00	21.97 0.70 0.00
EMPIRE_CC_1 323656	21.41 0.17 -9.68	20.35 0.13 -11.76	19.73 0.12 -12.36	19.31 0.09 -13.36	19.79 0.13 -11.78	20.97 0.18 -9.82	22.09 0.23 -5.32	22.21 0.18 -2.52	21.95 0.24 0.00	21.54 0.11 0.00	21.75 0.15 0.03	22.36 0.16 0.09	22.59 0.14 0.02	23.26 0.16 0.20	24.81 0.15 0.71	26.77 0.17 0.90	29.00 0.21 1.11	35.39 0.48 2.14	36.82 0.49 1.81	36.07 0.45 1.42	32.36 0.40 1.12	28.55 0.37 0.54	22.81 0.34 0.00	21.59 0.32 0.00
EMPIRE_CC_2 323658	21.41 0.17 -9.68	20.35 0.13 -11.76	19.73 0.12 -12.36	19.31 0.09 -13.36	19.79 0.13 -11.78	20.97 0.18 -9.82	22.09 0.23 -5.32	22.21 0.18 -2.52	21.95 0.24 0.00	21.54 0.11 0.00	21.75 0.15 0.03	22.36 0.16 0.09	22.59 0.14 0.02	23.26 0.16 0.20	24.81 0.15 0.71	26.77 0.17 0.90	29.00 0.21 1.11	35.39 0.48 2.14	36.82 0.49 1.81	36.07 0.45 1.42	32.36 0.40 1.12	28.55 0.37 0.54	22.81 0.34 0.00	21.59 0.32 0.00
ENORWICH_115KV_TB1 80156	14.72 0.70 -2.46	11.95 0.50 -2.99	10.80 0.40 -3.14	9.61 0.35 -3.39	11.46 0.60 -2.99	14.31 0.85 -2.49	19.23 1.34 -1.35	21.60 1.37 -0.72	22.99 1.28 0.00	22.85 1.41 0.00	22.99 1.36 0.00	23.93 1.63 -0.01	24.09 1.62 0.00	25.05 1.72 -0.02	27.43 1.98 -0.08	29.97 2.37 -0.10	32.87 2.84 -0.13	40.82 3.52 -0.25	42.39 4.04 -0.21	41.28 4.08 -0.16	36.84 3.64 -0.13	31.47 2.70 -0.06	24.52 2.04 0.00	23.01 1.74 0.00

ERIE_ST__34_KV_TB1-2 80199	13.09 0.13 -1.41	10.26 0.09 -1.71	9.15 0.09 -1.79	7.89 0.09 -1.94	9.67 0.09 -1.71	12.49 0.09 -1.43	17.37 0.05 -0.78	19.83 -0.06 -0.38	21.89 0.17 0.00	22.05 0.62 0.00	22.34 0.71 0.00	23.20 0.91 0.00	23.46 0.99 0.00	24.44 1.14 0.00	26.41 1.04 0.00	28.44 0.94 0.00	31.13 1.23 0.00	37.28 0.22 0.00	38.52 0.38 0.00	37.82 0.78 0.00	33.84 0.76 0.00	29.23 0.52 0.00	23.26 0.79 0.00	22.10 0.83 0.00
ERIE_WT_PWR 323693	13.17 0.23 -1.39	10.31 0.17 -1.69	9.20 0.17 -1.77	7.93 0.15 -1.91	9.73 0.17 -1.69	12.57 0.19 -1.41	17.47 0.17 -0.76	19.95 0.06 -0.37	21.91 0.19 0.00	22.01 0.58 0.00	22.40 0.78 0.00	23.14 0.85 0.00	23.42 0.94 0.00	24.37 1.07 0.00	26.31 0.94 0.00	28.58 1.07 0.00	30.92 1.02 0.00	37.28 0.22 0.00	38.37 0.23 0.00	37.60 0.56 0.00	33.64 0.56 0.00	29.14 0.43 0.00	23.24 0.76 0.00	22.08 0.81 0.00
ESPRGFLD_115KV_TB1 80157	10.74 0.64 1.44	7.17 0.47 1.75	5.80 0.38 1.84	4.19 0.32 1.99	6.56 0.44 1.76	10.16 0.65 1.47	16.79 1.04 0.79	20.27 1.11 0.35	22.95 1.24 0.00	22.63 1.20 0.00	22.83 1.21 0.01	23.56 1.29 0.02	23.79 1.33 0.00	24.64 1.40 0.05	26.75 1.57 0.19	28.97 1.71 0.24	31.55 1.94 0.30	39.01 2.52 0.56	40.41 2.75 0.48	39.38 2.70 0.37	35.19 2.41 0.29	30.64 2.07 0.14	23.98 1.51 0.00	22.52 1.25 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	13.66 0.29 -1.81	10.87 0.21 -2.20	9.74 0.17 -2.31	8.50 0.14 -2.50	10.29 0.21 -2.21	13.13 0.32 -1.84	18.05 0.51 -1.00	20.55 0.55 -0.49	22.21 0.50 0.00	21.99 0.56 0.00	22.16 0.54 0.00	22.94 0.65 0.00	23.10 0.63 0.00	23.98 0.68 0.00	26.13 0.76 0.00	28.33 0.83 0.00	30.92 1.02 0.00	38.13 1.07 0.00	39.40 1.26 0.00	38.38 1.33 0.00	34.30 1.22 0.00	29.63 0.92 0.00	23.17 0.70 0.00	21.93 0.66 0.00
ETNA____115KV_TB2 80207	13.66 0.29 -1.81	10.87 0.21 -2.20	9.74 0.17 -2.31	8.50 0.14 -2.50	10.29 0.21 -2.21	13.13 0.32 -1.84	18.05 0.51 -1.00	20.55 0.55 -0.49	22.21 0.50 0.00	21.99 0.56 0.00	22.16 0.54 0.00	22.94 0.65 0.00	23.10 0.63 0.00	23.98 0.68 0.00	26.13 0.76 0.00	28.33 0.83 0.00	30.92 1.02 0.00	38.13 1.07 0.00	39.40 1.26 0.00	38.38 1.33 0.00	34.30 1.22 0.00	29.63 0.92 0.00	23.17 0.70 0.00	21.93 0.66 0.00
EUCLID____115KV_TB2 356179	12.22 -0.06 -0.72	9.29 -0.04 -0.87	8.14 -0.04 -0.92	6.83 -0.03 -0.99	8.72 -0.03 -0.88	11.66 -0.04 -0.73	16.87 -0.07 -0.39	19.63 -0.08 -0.19	21.65 -0.07 0.00	21.41 -0.02 0.00	21.58 -0.04 0.00	22.31 0.02 0.00	22.45 -0.02 0.00	23.30 0.00 0.00	25.37 0.00 0.00	27.45 -0.06 0.00	29.84 -0.06 0.00	36.61 -0.44 0.00	37.72 -0.42 0.00	36.71 -0.33 0.00	32.78 -0.30 0.00	28.43 -0.29 0.00	22.27 -0.20 0.00	21.16 -0.11 0.00
E_CANADA_CAP_HY 24051	24.89 0.77 -12.57	24.27 0.55 -15.26	23.76 0.46 -16.04	23.57 0.38 -17.33	23.68 0.53 -15.29	24.49 0.78 -12.74	24.68 1.24 -6.90	24.22 1.41 -3.30	23.23 1.52 0.00	22.80 1.37 0.00	23.00 1.39 0.01	23.71 1.45 0.03	23.92 1.46 0.01	24.83 1.61 0.08	26.90 1.80 0.27	29.09 1.92 0.34	31.72 2.24 0.42	39.31 3.07 0.82	40.92 3.47 0.69	39.88 3.37 0.54	35.66 3.01 0.43	31.12 2.61 0.21	24.36 1.89 0.00	22.84 1.57 0.00
E_CANADA_MHWK_HY 24050	11.32 -0.23 0.00	8.30 -0.16 0.00	7.13 -0.13 0.00	5.77 -0.09 0.00	7.76 -0.11 0.00	10.84 -0.13 0.00	16.36 -0.18 0.00	19.28 -0.23 0.00	21.36 -0.35 0.00	21.13 -0.30 0.00	21.49 -0.13 0.00	22.18 -0.11 0.00	22.22 -0.25 0.00	23.04 -0.26 0.00	25.14 -0.23 0.00	27.26 -0.25 0.00	29.63 -0.27 0.00	36.80 -0.26 0.00	37.87 -0.27 0.00	36.71 -0.33 0.00	32.68 -0.40 0.00	28.37 -0.34 0.00	22.34 -0.13 0.00	21.12 -0.15 0.00
E_FISHKILL____LBMP 23776	20.05 0.43 -8.06	18.59 0.34 -9.79	17.82 0.28 -10.29	17.21 0.22 -11.12	17.96 0.28 -9.81	19.52 0.37 -8.18	21.56 0.60 -4.43	22.39 0.78 -2.10	22.69 0.98 0.00	22.33 0.90 0.00	22.58 0.93 -0.02	23.25 0.89 -0.07	23.43 0.94 -0.01	24.44 0.98 -0.16	27.06 1.12 -0.57	29.46 1.24 -0.72	31.99 1.20 -0.89	40.66 1.89 -1.71	41.34 1.75 -1.45	39.74 1.56 -1.13	35.36 1.39 -0.89	30.43 1.29 -0.43	23.42 0.94 0.00	22.06 0.79 0.00
FALCON____SEABRD_CC1 323796	10.50 -1.23 -0.17	7.76 -0.90 -0.21	6.78 -0.70 -0.22	5.50 -0.60 -0.23	7.17 -0.90 -0.21	9.94 -1.21 -0.17	14.76 -1.87 -0.09	17.55 -2.01 -0.04	19.69 -2.02 0.00	19.33 -2.10 0.00	19.76 -1.86 0.00	20.37 -1.92 0.00	20.29 -2.18 0.00	20.99 -2.31 0.00	23.01 -2.36 0.00	24.83 -2.67 0.01	27.36 -2.54 0.00	34.57 -2.48 0.00	36.19 -1.94 0.00	34.19 -2.85 0.00	30.43 -2.65 0.00	26.27 -2.44 0.00	20.56 -1.91 0.00	19.25 -2.02 0.00
FALCON____SEABRD_CC2 323797	10.50 -1.23 -0.17	7.76 -0.90 -0.21	6.78 -0.70 -0.22	5.50 -0.60 -0.23	7.17 -0.90 -0.21	9.94 -1.21 -0.17	14.76 -1.87 -0.09	17.55 -2.01 -0.04	19.69 -2.02 0.00	19.33 -2.10 0.00	19.76 -1.86 0.00	20.37 -1.92 0.00	20.29 -2.18 0.00	20.99 -2.31 0.00	23.01 -2.36 0.00	24.83 -2.67 0.01	27.36 -2.54 0.00	34.57 -2.48 0.00	36.19 -1.94 0.00	34.19 -2.85 0.00	30.43 -2.65 0.00	26.27 -2.44 0.00	20.56 -1.91 0.00	19.25 -2.02 0.00
FAR ROCKAWAY____4 23548	20.26 0.80 -7.91	18.61 0.54 -9.61	17.80 0.45 -10.10	17.14 0.36 -10.91	18.03 0.54 -9.62	19.71 0.71 -8.02	21.83 0.94 -4.34	22.82 1.25 -2.06	23.15 1.43 0.00	22.76 1.33 0.00	23.14 1.49 -0.02	23.81 1.45 -0.07	24.15 1.66 -0.01	25.11 1.65 -0.55	28.03 2.11 -0.70	30.37 2.17 -0.86	32.89 2.12 -1.66	41.94 3.22 -1.66	42.52 2.97 -1.40	40.89 2.74 -1.10	36.52 2.58 -0.86	31.48 2.35 -0.42	24.32 1.84 0.00	22.95 1.68 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	20.01 0.54 -7.91	18.50 0.43 -9.61	17.72 0.36 -10.10	17.05 0.28 -10.91	17.84 0.35 -9.62	19.44 0.45 -8.02	21.61 0.73 -4.34	22.58 1.01 -2.05	22.99 1.28 0.00	22.61 1.18 0.00	22.88 1.23 -0.02	23.54 1.18 -0.07	23.70 1.21 -0.01	24.74 1.28 -0.16	27.39 1.47 -0.55	29.80 1.60 -0.69	32.29 1.52 -0.86	41.16 2.45 -1.66	41.79 2.25 -1.40	40.14 2.00 -1.10	35.72 1.79 -0.86	30.79 1.67 -0.42	23.69 1.21 0.00	22.31 1.04 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	20.01 0.54 -7.91	18.50 0.43 -9.61	17.72 0.36 -10.10	17.05 0.28 -10.91	17.84 0.35 -9.62	19.44 0.45 -8.02	21.61 0.73 -4.34	22.58 1.01 -2.05	22.99 1.28 0.00	22.61 1.18 0.00	22.88 1.23 -0.02	23.54 1.18 -0.07	23.70 1.21 -0.01	24.74 1.28 -0.16	27.39 1.47 -0.55	29.80 1.60 -0.69	32.29 1.52 -0.86	41.16 2.45 -1.66	41.83 2.29 -1.40	40.18 2.04 -1.10	35.72 1.79 -0.86	30.79 1.67 -0.42	23.69 1.21 0.00	22.31 1.04 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	20.00 0.53 -7.91	18.50 0.43 -9.61	17.71 0.36 -10.10	17.05 0.28 -10.91	17.83 0.34 -9.62	19.43 0.44 -8.02	21.61 0.73 -4.34	22.56 1.00 -2.05	22.99 1.28 0.00	22.61 1.18 0.00	22.86 1.21 -0.02	23.52 1.16 -0.07	23.70 1.21 -0.01	24.74 1.28 -0.16	27.39 1.47 -0.55	29.77 1.57 -0.69	32.26 1.50 -0.86	41.12 2.41 -1.66	41.79 2.25 -1.40	40.14 2.00 -1.10	35.69 1.75 -0.86	30.77 1.64 -0.42	23.66 1.19 0.00	22.29 1.02 0.00

FARRAGUT___LBMP 323566	20.00 0.53 -7.91	18.49 0.42 -9.61	17.71 0.36 -10.10	17.05 0.28 -10.91	17.83 0.34 -9.62	19.43 0.44 -8.02	21.59 0.71 -4.34	22.56 1.00 -2.05	22.97 1.26 0.00	22.59 1.16 0.00	22.84 1.19 -0.02	23.52 1.16 -0.07	23.68 1.19 -0.01	24.71 1.26 -0.16	27.37 1.45 -0.55	29.77 1.57 -0.69	32.26 1.50 -0.86	41.12 2.41 -1.66	41.75 2.21 -1.40	40.11 1.96 -1.10	35.69 1.75 -0.86	30.77 1.64 -0.42	23.64 1.17 0.00	22.29 1.02 0.00
FENNER___WINDPWR 24204	12.73 0.17 -1.00	9.80 0.13 -1.22	8.64 0.10 -1.28	7.33 0.09 -1.38	9.24 0.15 -1.22	12.21 0.22 -1.01	17.44 0.35 -0.55	20.13 0.35 -0.27	21.99 0.28 0.00	21.77 0.34 0.00	22.06 0.43 0.00	22.76 0.47 0.00	22.90 0.43 0.00	23.72 0.42 0.00	25.88 0.51 0.00	28.11 0.60 0.00	30.59 0.69 0.00	37.87 0.81 0.00	39.09 0.95 0.00	37.97 0.93 0.00	33.90 0.83 0.00	29.29 0.57 0.00	22.95 0.47 0.00	21.67 0.40 0.00
FIBERTEK___ENERGY 23856	12.45 0.05 -0.85	9.53 0.03 -1.04	8.37 0.02 -1.09	7.06 0.02 -1.18	8.95 0.04 -1.04	11.90 0.07 -0.86	17.11 0.10 -0.47	19.86 0.12 -0.23	21.80 0.09 0.00	21.58 0.15 0.00	21.75 0.13 0.00	22.51 0.22 0.00	22.63 0.16 0.00	23.49 0.19 0.00	25.55 0.18 0.00	27.67 0.17 0.00	30.11 0.21 0.00	37.09 0.04 0.00	38.21 0.08 0.00	37.16 0.11 0.00	33.21 0.13 0.00	28.77 0.06 0.00	22.52 0.04 0.00	21.38 0.11 0.00
FITZPATRICK____ 23598	11.84 -0.23 -0.52	8.92 -0.17 -0.63	7.77 -0.15 -0.66	6.46 -0.12 -0.71	8.35 -0.15 -0.63	11.29 -0.21 -0.52	16.49 -0.33 -0.28	19.26 -0.39 -0.14	21.19 -0.52 0.00	20.96 -0.47 0.00	21.13 -0.50 0.00	21.80 -0.49 0.00	21.96 -0.52 0.00	22.74 -0.56 0.00	24.74 -0.63 0.00	26.82 -0.69 0.00	29.12 -0.78 0.00	35.98 -1.08 0.00	37.07 -1.07 0.00	36.05 -1.00 0.00	32.18 -0.89 0.00	27.94 -0.77 0.00	21.89 -0.58 0.00	20.82 -0.45 0.00
FLOWRFLD_69_KV_BK1 356044	20.28 0.81 -7.91	18.56 0.49 -9.61	17.79 0.44 -10.10	17.13 0.35 -10.91	18.09 0.59 -9.62	19.78 0.78 -8.02	21.68 0.79 -4.34	22.64 1.07 -2.06	23.12 1.41 0.00	22.74 1.31 0.00	23.12 1.47 -0.02	23.58 1.23 -0.07	24.28 1.80 -0.01	25.04 1.58 -0.16	28.03 2.11 -0.55	30.32 2.12 -0.70	32.89 2.12 -0.86	41.98 3.26 -1.66	42.44 2.90 -1.40	40.89 2.74 -1.10	36.45 2.51 -0.86	31.40 2.27 -0.42	24.14 1.66 0.00	22.95 1.68 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	19.95 0.49 -7.91	18.45 0.38 -9.61	17.65 0.30 -10.10	17.01 0.24 -10.91	17.78 0.28 -9.62	19.40 0.41 -8.02	21.61 0.73 -4.34	22.51 0.94 -2.05	22.89 1.17 0.00	22.50 1.07 0.00	22.79 1.15 -0.02	23.44 1.09 -0.06	23.63 1.15 -0.01	24.62 1.19 -0.13	27.18 1.34 -0.47	29.61 1.51 -0.59	32.07 1.44 -0.73	40.72 2.26 -1.41	41.39 2.06 -1.19	39.83 1.85 -0.93	35.49 1.69 -0.73	30.62 1.55 -0.35	23.69 1.21 0.00	22.18 0.91 0.00
FORT ORANGE____ 23900	21.67 0.10 -10.01	20.69 0.08 -12.16	20.09 0.06 -12.78	19.72 0.05 -13.81	20.13 0.08 -12.18	21.24 0.11 -10.15	22.20 0.17 -5.50	22.28 0.16 -2.61	21.95 0.24 0.00	21.54 0.11 0.00	21.74 0.13 0.02	22.38 0.13 0.04	22.58 0.11 0.01	23.38 0.19 0.10	25.20 0.20 0.37	27.31 0.28 0.47	29.68 0.36 0.58	36.61 0.67 1.12	37.92 0.72 0.95	36.97 0.67 0.74	33.09 0.60 0.58	28.95 0.52 0.28	22.83 0.36 0.00	21.50 0.23 0.00
FORT_DRUM_COGEN 23780	11.92 -0.09 -0.46	8.93 -0.08 -0.56	7.77 -0.07 -0.59	6.45 -0.05 -0.63	8.43 0.00 -0.56	11.46 0.02 -0.47	16.84 0.05 -0.25	19.44 -0.20 -0.12	21.30 -0.41 0.00	21.00 -0.43 0.00	21.08 -0.54 0.00	21.82 -0.47 0.00	21.84 -0.63 0.00	22.65 -0.65 0.00	24.81 -0.56 0.00	27.02 -0.50 -0.01	29.66 -0.24 0.00	36.94 -0.11 0.00	38.52 0.38 0.00	37.45 0.41 0.00	33.47 0.40 0.00	28.86 0.14 0.00	22.56 0.09 0.00	21.23 -0.04 0.00
FPL_FAR_ROCK_GT1 24212	20.32 0.86 -7.91	18.61 0.54 -9.61	17.80 0.45 -10.10	17.14 0.36 -10.91	18.03 0.54 -9.62	19.71 0.71 -8.02	21.82 0.94 -4.34	22.82 1.25 -2.06	23.12 1.41 0.00	22.76 1.33 0.00	23.05 1.40 -0.02	23.76 1.41 -0.07	23.88 1.39 -0.01	25.04 1.59 -0.16	27.98 2.05 -0.55	30.18 1.98 -0.69	32.92 2.15 -0.86	41.61 2.89 -1.66	42.25 2.71 -1.40	40.93 2.78 -1.10	36.52 2.58 -0.86	31.51 2.38 -0.42	24.41 1.93 0.00	22.95 1.68 0.00
FPL_FAR_ROCK_GT2 23815	20.32 0.86 -7.91	18.61 0.54 -9.61	17.80 0.45 -10.10	17.14 0.36 -10.91	18.03 0.54 -9.62	19.71 0.71 -8.02	21.82 0.94 -4.34	22.82 1.25 -2.06	23.12 1.41 0.00	22.76 1.33 0.00	23.05 1.40 -0.02	23.76 1.41 -0.07	23.88 1.39 -0.01	25.04 1.59 -0.16	27.98 2.05 -0.55	30.18 1.98 -0.69	32.92 2.15 -0.86	41.61 2.89 -1.66	42.25 2.71 -1.40	40.93 2.78 -1.10	36.52 2.58 -0.86	31.51 2.38 -0.42	24.41 1.93 0.00	22.95 1.68 0.00
FRANKLIN_FALL_HYD 24054	10.45 -1.29 -0.19	7.73 -0.96 -0.23	6.75 -0.74 -0.24	5.49 -0.63 -0.26	7.15 -0.94 -0.23	9.90 -1.26 -0.19	14.72 -1.92 -0.10	17.40 -2.17 -0.05	19.46 -2.26 0.00	19.05 -2.38 0.00	19.46 -2.16 0.00	20.06 -2.23 0.00	19.89 -2.58 0.00	20.57 -2.73 0.00	22.58 -2.79 0.00	24.36 -3.14 0.01	26.82 -3.08 0.00	33.94 -3.11 0.00	35.77 -2.36 0.00	33.75 -3.30 0.00	30.06 -3.01 0.00	26.01 -2.70 0.00	20.40 -2.07 0.00	19.10 -2.17 0.00
FREEPORT_EQUS_GT1 23764	20.26 0.80 -7.91	18.56 0.49 -9.61	17.76 0.41 -10.10	17.10 0.33 -10.91	17.99 0.50 -9.62	19.66 0.66 -8.02	21.73 0.84 -4.34	22.70 1.13 -2.06	22.99 1.28 0.00	22.61 1.18 0.00	22.75 1.10 -0.02	23.43 1.07 -0.07	23.72 1.24 -0.01	24.85 1.40 -0.16	27.75 1.83 -0.55	30.02 1.81 -0.69	32.77 2.00 -0.86	41.31 2.59 -1.66	41.91 2.37 -1.40	40.67 2.52 -1.10	36.32 2.38 -0.86	31.34 2.21 -0.42	24.27 1.80 0.00	22.82 1.55 0.00
FREEPORT___CT2 23818	20.26 0.80 -7.91	18.56 0.49 -9.61	17.76 0.41 -10.10	17.10 0.33 -10.91	17.99 0.50 -9.62	19.66 0.66 -8.02	21.73 0.84 -4.34	22.70 1.13 -2.06	22.99 1.28 0.00	22.61 1.18 0.00	22.75 1.10 -0.02	23.43 1.07 -0.07	23.72 1.24 -0.01	24.85 1.40 -0.16	27.75 1.83 -0.55	30.02 1.81 -0.69	32.77 2.00 -0.86	41.31 2.59 -1.66	41.91 2.37 -1.40	40.67 2.52 -1.10	36.32 2.38 -0.86	31.34 2.21 -0.42	24.27 1.80 0.00	22.82 1.55 0.00
FRESHKLS_33_KV_LOAD 356253	20.11 0.65 -7.91	18.59 0.52 -9.61	17.78 0.43 -10.10	17.11 0.34 -10.91	17.90 0.41 -9.62	19.48 0.48 -8.02	21.66 0.78 -4.34	22.64 1.07 -2.05	23.06 1.35 0.00	22.63 1.20 0.00	22.92 1.28 -0.02	23.58 1.23 -0.07	23.74 1.26 -0.01	24.83 1.37 -0.16	27.55 1.62 -0.55	29.74 1.54 -0.69	32.11 1.35 -0.86	41.16 2.45 -1.66	41.83 2.29 -1.40	40.07 1.93 -1.10	35.63 1.69 -0.86	30.95 1.81 -0.42	23.91 1.44 0.00	22.57 1.30 0.00
FULTON COGEN____ 23766	12.17 -0.06 -0.68	9.24 -0.04 -0.82	8.08 -0.04 -0.86	6.76 -0.04 -0.93	8.66 -0.03 -0.82	11.63 -0.03 -0.69	16.86 -0.05 -0.37	19.64 -0.06 -0.18	21.58 -0.13 0.00	21.35 -0.09 0.00	21.49 -0.13 0.00	22.25 -0.04 0.00	22.36 -0.11 0.00	23.21 -0.09 0.00	25.24 -0.13 0.00	27.34 -0.17 0.00	29.75 -0.15 0.00	36.61 -0.44 0.00	37.76 -0.38 0.00	36.75 -0.30 0.00	32.81 -0.26 0.00	28.45 -0.26 0.00	22.29 -0.18 0.00	21.18 -0.09 0.00

FULTON___LFGE 323630	24.46 1.09 -11.82	23.59 0.78 -14.36	23.00 0.65 -15.09	22.69 0.53 -16.30	22.98 0.72 -14.38	24.05 1.09 -11.99	24.75 1.72 -6.49	24.58 1.97 -3.10	23.45 1.74 0.00	22.89 1.46 0.00	23.40 1.79 0.01	24.17 1.92 0.04	24.08 1.62 0.01	25.03 1.82 0.09	27.12 2.05 0.31	29.54 2.42 0.39	32.30 2.87 0.48	40.43 4.30 0.92	42.20 4.84 0.78	41.07 4.63 0.61	36.70 4.10 0.48	31.73 3.24 0.23	25.33 2.85 0.00	23.61 2.34 0.00
G.F.CEMENT___DRP 24184	22.67 0.69 -10.42	21.61 0.49 -12.66	20.97 0.41 -13.30	20.57 0.33 -14.37	21.01 0.46 -12.68	22.21 0.67 -10.57	23.30 1.04 -5.72	23.49 1.25 -2.72	23.12 1.41 0.00	22.65 1.22 0.00	22.82 1.21 0.02	23.44 1.20 0.05	23.81 1.35 0.01	24.62 1.44 0.13	26.52 1.60 0.45	28.92 1.98 0.57	31.44 2.24 0.70	38.78 3.08 1.35	40.32 3.32 1.14	39.30 3.15 0.89	35.18 2.81 0.70	30.73 2.35 0.34	24.18 1.71 0.00	22.67 1.40 0.00
GARDENVILLE___LBMP 24039	13.15 0.21 -1.38	10.29 0.15 -1.68	9.18 0.16 -1.76	7.91 0.14 -1.91	9.71 0.16 -1.68	12.53 0.15 -1.40	17.44 0.13 -0.77	19.91 0.02 -0.37	21.80 0.09 0.00	21.92 0.49 0.00	22.19 0.56 0.00	23.05 0.76 0.00	23.30 0.83 0.00	24.28 0.98 0.00	26.21 0.84 0.00	28.19 0.69 0.00	30.83 0.93 0.00	36.87 -0.19 0.00	38.10 -0.04 0.00	37.49 0.44 0.00	33.60 0.53 0.00	29.06 0.34 0.00	23.15 0.67 0.00	22.01 0.74 0.00
GARDNVLA_35_KV_LD 355827	13.20 0.25 -1.39	10.33 0.19 -1.69	9.22 0.19 -1.78	7.94 0.16 -1.92	9.75 0.19 -1.69	12.58 0.20 -1.41	17.51 0.20 -0.77	19.99 0.10 -0.37	21.91 0.20 0.00	22.05 0.62 0.00	22.32 0.69 0.00	23.18 0.89 0.00	23.44 0.97 0.00	24.42 1.12 0.00	26.36 0.99 0.00	28.36 0.85 0.00	31.01 1.11 0.00	37.09 0.04 0.00	38.29 0.15 0.00	37.71 0.67 0.00	33.80 0.73 0.00	29.20 0.49 0.00	23.28 0.81 0.00	22.12 0.85 0.00
GELCKHM___115KV_LOAD 80723	12.30 -0.02 -0.77	9.38 -0.02 -0.93	8.22 -0.02 -0.98	6.91 -0.02 -1.06	8.80 -0.01 -0.93	11.74 -0.01 -0.78	16.94 -0.02 -0.42	19.70 -0.02 -0.21	21.69 -0.02 0.00	21.47 0.04 0.00	21.64 0.02 0.00	22.38 0.09 0.00	22.52 0.04 0.00	23.37 0.07 0.00	25.45 0.08 0.00	27.53 0.03 0.00	29.96 0.06 0.00	36.80 -0.26 0.00	37.91 -0.23 0.00	36.90 -0.15 0.00	32.94 -0.13 0.00	28.54 -0.17 0.00	22.36 -0.11 0.00	21.25 -0.02 0.00
GENERAL___MILLS 23808	13.16 0.22 -1.39	10.31 0.17 -1.69	9.20 0.17 -1.77	7.92 0.15 -1.91	9.73 0.17 -1.69	12.56 0.18 -1.41	17.46 0.15 -0.77	19.93 0.04 -0.37	21.84 0.13 0.00	21.99 0.56 0.00	22.25 0.63 0.00	23.09 0.80 0.00	23.37 0.90 0.00	24.35 1.05 0.00	26.28 0.91 0.00	28.25 0.74 0.00	30.89 0.99 0.00	36.94 -0.11 0.00	38.18 0.04 0.00	37.57 0.52 0.00	33.70 0.63 0.00	29.11 0.40 0.00	23.21 0.74 0.00	22.06 0.79 0.00
GE_PLASTICS___DRP 24183	21.72 0.14 -10.03	20.74 0.10 -12.18	20.15 0.09 -12.80	19.77 0.07 -13.83	20.17 0.09 -12.20	21.28 0.13 -10.17	22.23 0.18 -5.51	22.32 0.20 -2.61	22.00 0.28 0.00	21.60 0.17 0.00	21.83 0.22 0.01	22.45 0.20 0.04	22.71 0.25 0.01	23.45 0.23 0.09	25.29 0.23 0.31	27.45 0.33 0.39	29.75 0.33 0.48	36.75 0.63 0.93	37.96 0.61 0.79	36.98 0.56 0.62	33.08 0.50 0.49	28.94 0.46 0.23	22.81 0.34 0.00	21.52 0.26 0.00
GILBOA___1 23756	19.79 0.23 -8.00	18.34 0.17 -9.72	17.61 0.15 -10.21	17.01 0.12 -11.03	17.76 0.16 -9.73	19.29 0.21 -8.11	21.26 0.33 -4.39	21.97 0.37 -2.09	22.17 0.46 0.00	21.84 0.41 0.00	22.06 0.43 0.00	22.71 0.42 0.00	22.90 0.43 0.00	23.74 0.44 0.00	25.85 0.48 0.00	28.03 0.52 0.00	30.47 0.57 0.00	37.72 0.67 0.00	38.79 0.65 0.00	37.75 0.70 0.00	33.70 0.63 0.00	29.34 0.63 0.00	22.95 0.47 0.00	21.67 0.40 0.00
GILBOA___2 23757	19.79 0.23 -8.00	18.34 0.17 -9.72	17.61 0.15 -10.21	17.01 0.12 -11.03	17.76 0.16 -9.73	19.29 0.21 -8.11	21.26 0.33 -4.39	21.97 0.37 -2.09	22.17 0.46 0.00	21.84 0.41 0.00	22.06 0.43 0.00	22.71 0.42 0.00	22.90 0.43 0.00	23.74 0.44 0.00	25.85 0.48 0.00	28.03 0.52 0.00	30.47 0.57 0.00	37.72 0.67 0.00	38.79 0.65 0.00	37.75 0.70 0.00	33.70 0.63 0.00	29.34 0.63 0.00	22.95 0.47 0.00	21.67 0.40 0.00
GILBOA___3 23758	19.79 0.23 -8.00	18.34 0.17 -9.72	17.61 0.15 -10.21	17.01 0.12 -11.03	17.76 0.16 -9.73	19.29 0.21 -8.11	21.26 0.33 -4.39	21.97 0.37 -2.09	22.17 0.46 0.00	21.84 0.41 0.00	22.06 0.43 0.00	22.71 0.42 0.00	22.90 0.43 0.00	23.74 0.44 0.00	25.85 0.48 0.00	28.03 0.52 0.00	30.47 0.57 0.00	37.72 0.67 0.00	38.79 0.65 0.00	37.75 0.70 0.00	33.70 0.63 0.00	29.34 0.63 0.00	22.95 0.47 0.00	21.67 0.40 0.00
GILBOA___4 23759	19.79 0.23 -8.00	18.34 0.17 -9.72	17.61 0.15 -10.21	17.01 0.12 -11.03	17.76 0.16 -9.73	19.29 0.21 -8.11	21.26 0.33 -4.39	21.97 0.37 -2.09	22.17 0.46 0.00	21.84 0.41 0.00	22.06 0.43 0.00	22.71 0.42 0.00	22.90 0.43 0.00	23.74 0.44 0.00	25.85 0.48 0.00	28.03 0.52 0.00	30.47 0.57 0.00	37.72 0.67 0.00	38.79 0.65 0.00	37.75 0.70 0.00	33.70 0.63 0.00	29.34 0.63 0.00	22.95 0.47 0.00	21.67 0.40 0.00
GILBOA___ 23599	19.79 0.23 -8.00	18.34 0.17 -9.72	17.61 0.15 -10.21	17.01 0.12 -11.03	17.76 0.16 -9.73	19.30 0.21 -8.11	21.26 0.33 -4.39	21.97 0.37 -2.09	22.19 0.48 0.00	21.84 0.41 0.00	22.06 0.43 0.00	22.71 0.42 0.00	22.94 0.47 0.00	23.74 0.44 0.00	25.85 0.48 0.00	28.06 0.55 0.00	30.47 0.57 0.00	37.76 0.70 0.00	38.79 0.65 0.00	37.75 0.70 0.00	33.70 0.63 0.00	29.34 0.63 0.00	22.94 0.47 0.00	21.67 0.40 0.00
GINNA___ 23603	12.21 -0.32 -0.98	9.41 -0.24 -1.19	8.31 -0.20 -1.25	7.06 -0.16 -1.35	8.85 -0.22 -1.19	11.65 -0.32 -1.00	16.55 -0.53 -0.54	18.98 -0.80 -0.26	20.69 -1.02 0.00	20.55 -0.88 0.00	20.80 -0.82 0.00	21.47 -0.82 0.00	21.66 -0.81 0.00	22.51 -0.79 0.00	24.41 -0.96 0.00	26.49 -1.02 0.00	28.70 -1.20 0.00	35.20 -1.85 0.00	36.19 -1.94 0.00	35.42 -1.63 0.00	31.62 -1.45 0.00	27.39 -1.32 0.00	21.55 -0.92 0.00	20.44 -0.83 0.00
GLEN PARK___ 23778	12.00 -0.02 -0.47	9.00 -0.03 -0.57	7.82 -0.04 -0.60	6.50 -0.02 -0.65	8.50 0.06 -0.57	11.55 0.10 -0.48	16.96 0.17 -0.26	19.54 -0.10 -0.13	21.41 -0.30 0.00	21.11 -0.32 0.00	21.28 -0.35 0.00	21.96 -0.33 0.00	21.98 -0.49 0.00	22.79 -0.51 0.00	24.96 -0.41 0.00	27.24 -0.28 0.00	29.87 -0.03 0.00	37.24 0.19 0.00	38.83 0.69 0.00	37.75 0.70 0.00	33.77 0.70 0.00	29.06 0.35 0.00	22.72 0.25 0.00	21.35 0.09 0.00
GLENDALE_27_KV_LOAD 356172	20.03 0.57 -7.91	18.53 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.47 0.47 -8.02	21.66 0.78 -4.34	22.66 1.09 -2.05	23.10 1.39 0.00	22.70 1.26 0.00	22.96 1.32 -0.02	23.63 1.27 -0.07	23.79 1.30 -0.01	24.85 1.40 -0.16	27.52 1.60 -0.55	29.91 1.71 -0.69	32.41 1.64 -0.86	41.38 2.67 -1.66	41.98 2.44 -1.40	40.33 2.19 -1.10	35.86 1.92 -0.86	30.94 1.81 -0.42	23.75 1.28 0.00	22.37 1.11 0.00

GLENWOOD_IC_1_G5 23712	20.11 0.65 -7.91	18.53 0.47 -9.61	17.74 0.38 -10.10	17.09 0.31 -10.91	17.93 0.43 -9.62	19.57 0.57 -8.02	21.69 0.81 -4.34	22.64 1.07 -2.06	23.04 1.32 0.00	22.67 1.24 0.00	23.01 1.36 -0.02	23.65 1.29 -0.07	23.97 1.48 -0.01	24.95 1.49 -0.16	27.75 1.83 -0.55	30.13 1.93 -0.70	32.62 1.85 -0.86	41.27 2.56 -1.66	41.83 2.29 -1.40	40.22 2.07 -1.10	36.12 2.18 -0.86	31.11 1.98 -0.42	23.96 1.48 0.00	22.59 1.32 0.00
GLENWOOD_IC_2_G1 23688	20.08 0.61 -7.91	18.50 0.43 -9.61	17.71 0.36 -10.10	17.06 0.29 -10.91	17.88 0.39 -9.62	19.51 0.52 -8.02	21.63 0.74 -4.34	22.56 0.99 -2.06	22.95 1.24 0.00	22.57 1.14 0.00	22.83 1.19 -0.02	23.52 1.16 -0.07	23.63 1.15 -0.01	24.76 1.30 -0.16	27.52 1.60 -0.55	29.79 1.59 -0.69	32.44 1.67 -0.86	41.05 2.34 -1.66	41.72 2.17 -1.40	40.26 2.11 -1.10	35.92 1.98 -0.86	30.94 1.81 -0.42	23.87 1.39 0.00	22.44 1.17 0.00
GLENWOOD_IC_3_G1 23689	20.08 0.61 -7.91	18.50 0.43 -9.61	17.71 0.36 -10.10	17.06 0.29 -10.91	17.88 0.39 -9.62	19.51 0.52 -8.02	21.63 0.74 -4.34	22.56 0.99 -2.06	22.95 1.24 0.00	22.57 1.14 0.00	22.83 1.19 -0.02	23.52 1.16 -0.07	23.63 1.15 -0.01	24.76 1.30 -0.16	27.52 1.60 -0.55	29.79 1.59 -0.69	32.44 1.67 -0.86	41.05 2.34 -1.66	41.72 2.17 -1.40	40.26 2.11 -1.10	35.92 1.98 -0.86	30.94 1.81 -0.42	23.87 1.39 0.00	22.44 1.17 0.00
GLENWOOD___4 23550	20.11 0.65 -7.91	18.53 0.47 -9.61	17.74 0.38 -10.10	17.09 0.31 -10.91	17.93 0.43 -9.62	19.57 0.57 -8.02	21.69 0.81 -4.34	22.64 1.07 -2.06	23.04 1.32 0.00	22.67 1.24 0.00	23.01 1.36 -0.02	23.65 1.29 -0.07	23.97 1.48 -0.01	24.95 1.49 -0.16	27.75 1.83 -0.55	30.13 1.93 -0.70	32.62 1.85 -0.86	41.38 2.67 -1.66	41.94 2.40 -1.40	40.33 2.19 -1.10	36.12 2.18 -0.86	31.11 1.98 -0.42	23.96 1.48 0.00	22.59 1.32 0.00
GLENWOOD___5 23614	20.11 0.65 -7.91	18.53 0.47 -9.61	17.74 0.38 -10.10	17.09 0.31 -10.91	17.93 0.43 -9.62	19.57 0.57 -8.02	21.69 0.81 -4.34	22.64 1.07 -2.06	23.04 1.32 0.00	22.67 1.24 0.00	23.01 1.36 -0.02	23.65 1.29 -0.07	23.97 1.48 -0.01	24.95 1.49 -0.16	27.75 1.83 -0.55	30.13 1.93 -0.70	32.62 1.85 -0.86	41.38 2.67 -1.66	41.94 2.40 -1.40	40.33 2.19 -1.10	36.12 2.18 -0.86	31.11 1.98 -0.42	23.96 1.48 0.00	22.59 1.32 0.00
GLOBAL GREEN_PORT_GT1 23814	20.70 1.24 -7.91	18.71 0.64 -9.61	17.94 0.59 -10.10	17.25 0.47 -10.91	18.31 0.81 -9.62	20.06 1.06 -8.02	21.91 1.03 -4.34	22.90 1.33 -2.06	23.43 1.71 0.00	23.04 1.61 0.00	23.05 1.40 -0.02	23.76 1.41 -0.07	24.26 1.77 -0.01	25.32 1.86 -0.16	28.36 2.44 -0.55	30.59 2.39 -0.69	33.48 2.72 -0.86	41.98 3.26 -1.66	42.48 2.94 -1.40	41.48 3.34 -1.10	37.02 3.08 -0.86	31.97 2.84 -0.42	24.68 2.20 0.00	23.33 2.06 0.00
GLOBE___DSASP 323697	12.83 0.00 -1.28	10.04 0.03 -1.55	8.96 0.07 -1.63	7.70 0.08 -1.76	9.49 0.06 -1.56	12.24 -0.03 -1.30	16.88 -0.36 -0.70	19.19 -0.66 -0.34	20.89 -0.83 0.00	20.96 -0.47 0.00	21.17 -0.45 0.00	21.96 -0.33 0.00	22.25 -0.22 0.00	23.14 -0.16 0.00	24.99 -0.38 0.00	26.82 -0.69 0.00	29.27 -0.63 0.00	34.83 -2.22 0.00	36.00 -2.14 0.00	35.56 -1.48 0.00	32.02 -1.06 0.00	27.77 -0.95 0.00	22.14 -0.34 0.00	21.16 -0.11 0.00
GOETHSLN___LBMP 323567	19.97 0.51 -7.91	18.47 0.41 -9.61	17.69 0.34 -10.10	17.03 0.26 -10.91	17.80 0.31 -9.62	19.39 0.40 -8.02	21.51 0.63 -4.34	22.47 0.90 -2.05	22.86 1.15 0.00	22.48 1.05 0.00	22.73 1.08 -0.02	23.40 1.05 -0.07	23.56 1.08 -0.01	24.60 1.14 -0.16	27.24 1.32 -0.55	29.60 1.40 -0.69	32.08 1.32 -0.86	40.90 2.19 -1.66	41.52 1.98 -1.40	39.89 1.74 -1.10	35.49 1.55 -0.86	30.59 1.46 -0.42	23.57 1.10 0.00	22.23 0.96 0.00
GOLAH___69_KV_TB 1_2 80279	12.93 0.36 -1.02	9.93 0.24 -1.24	8.76 0.20 -1.30	7.43 0.16 -1.40	9.32 0.21 -1.24	12.28 0.27 -1.03	17.38 0.28 -0.56	20.16 0.37 -0.27	21.89 0.17 0.00	21.77 0.34 0.00	21.97 0.35 0.00	22.78 0.49 0.00	22.92 0.45 0.00	23.84 0.54 0.00	25.83 0.46 0.00	27.78 0.28 0.00	30.35 0.45 0.00	36.80 -0.26 0.00	38.06 -0.08 0.00	37.49 0.44 0.00	33.60 0.53 0.00	29.14 0.43 0.00	23.06 0.58 0.00	21.91 0.64 0.00
GOODYEAR_LAKE_HYD 323669	13.94 0.45 -1.94	11.14 0.33 -2.35	10.00 0.27 -2.47	8.76 0.22 -2.67	10.55 0.32 -2.36	13.39 0.45 -1.97	18.33 0.73 -1.06	20.78 0.72 -0.55	22.54 0.83 0.00	22.29 0.86 0.00	22.49 0.86 0.00	23.23 0.94 0.00	23.44 0.97 0.00	24.30 1.00 0.00	26.51 1.14 0.00	28.74 1.24 0.00	31.28 1.38 0.00	38.72 1.67 0.00	39.89 1.75 0.00	38.79 1.74 0.00	34.63 1.55 0.00	30.03 1.32 0.00	23.44 0.97 0.00	22.10 0.83 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	14.38 0.23 -2.59	11.78 0.18 -3.15	10.71 0.15 -3.30	9.56 0.12 -3.57	11.18 0.16 -3.15	13.82 0.22 -2.63	18.29 0.33 -1.42	20.54 0.33 -0.70	22.10 0.39 0.00	21.95 0.51 0.00	22.14 0.52 0.00	22.91 0.62 0.00	23.10 0.63 0.00	23.98 0.68 0.00	26.08 0.71 0.00	28.25 0.74 0.00	30.77 0.87 0.00	37.76 0.70 0.00	38.90 0.76 0.00	37.90 0.85 0.00	33.90 0.83 0.00	29.37 0.66 0.00	23.06 0.58 0.00	21.82 0.55 0.00
GOUDEY___7 23579	14.39 0.24 -2.59	11.78 0.18 -3.15	10.71 0.15 -3.30	9.56 0.13 -3.57	11.19 0.17 -3.15	13.83 0.23 -2.63	18.31 0.35 -1.42	20.56 0.35 -0.70	22.13 0.41 0.00	21.97 0.54 0.00	22.16 0.54 0.00	22.94 0.65 0.00	23.12 0.65 0.00	24.02 0.72 0.00	26.13 0.76 0.00	28.28 0.77 0.00	30.80 0.90 0.00	37.80 0.74 0.00	38.98 0.84 0.00	37.94 0.89 0.00	33.93 0.86 0.00	29.40 0.69 0.00	23.08 0.61 0.00	21.84 0.57 0.00
GOUDEY___8 23580	14.38 0.23 -2.59	11.78 0.18 -3.15	10.71 0.15 -3.30	9.56 0.12 -3.57	11.18 0.16 -3.15	13.82 0.22 -2.63	18.29 0.33 -1.42	20.54 0.33 -0.70	22.10 0.39 0.00	21.95 0.51 0.00	22.14 0.52 0.00	22.91 0.62 0.00	23.10 0.63 0.00	23.98 0.68 0.00	26.08 0.71 0.00	28.25 0.74 0.00	30.77 0.87 0.00	37.76 0.70 0.00	38.90 0.76 0.00	37.90 0.85 0.00	33.90 0.83 0.00	29.37 0.66 0.00	23.06 0.58 0.00	21.82 0.55 0.00
GOWANUS_GT1_1 24077	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.08 1.37 0.00	22.67 1.24 0.00	22.94 1.30 -0.02	23.61 1.25 -0.07	23.77 1.28 -0.01	24.83 1.37 -0.16	27.52 1.60 -0.55	29.88 1.68 -0.69	32.32 1.55 -0.86	41.38 2.67 -1.66	41.98 2.44 -1.40	40.29 2.15 -1.10	35.82 1.89 -0.86	30.98 1.84 -0.42	23.78 1.30 0.00	22.42 1.15 0.00
GOWANUS_GT1_2 24078	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.08 1.37 0.00	22.67 1.24 0.00	22.94 1.30 -0.02	23.61 1.25 -0.07	23.77 1.28 -0.01	24.83 1.37 -0.16	27.52 1.60 -0.55	29.88 1.68 -0.69	32.32 1.55 -0.86	41.38 2.67 -1.66	41.98 2.44 -1.40	40.29 2.15 -1.10	35.82 1.89 -0.86	30.98 1.84 -0.42	23.78 1.30 0.00	22.42 1.15 0.00

GOWANUS_GT1_3 24079	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.08 1.37 0.00	22.67 1.24 0.00	22.94 1.30 -0.02	23.61 1.25 -0.07	23.77 1.28 -0.01	24.83 1.37 -0.16	27.52 1.60 -0.55	29.88 1.68 -0.69	32.32 1.55 -0.86	41.38 2.67 -1.66	41.98 2.44 -1.40	40.29 2.15 -1.10	35.82 1.89 -0.86	30.98 1.84 -0.42	23.78 1.30 0.00	22.42 1.15 0.00
GOWANUS_GT1_4 24080	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.08 1.37 0.00	22.67 1.24 0.00	22.94 1.30 -0.02	23.61 1.25 -0.07	23.77 1.28 -0.01	24.83 1.37 -0.16	27.52 1.60 -0.55	29.88 1.68 -0.69	32.32 1.55 -0.86	41.38 2.67 -1.66	41.98 2.44 -1.40	40.29 2.15 -1.10	35.82 1.89 -0.86	30.98 1.84 -0.42	23.78 1.30 0.00	22.42 1.15 0.00
GOWANUS_GT1_5 24084	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.08 1.37 0.00	22.67 1.24 0.00	22.94 1.30 -0.02	23.61 1.25 -0.07	23.77 1.28 -0.01	24.83 1.37 -0.16	27.52 1.60 -0.55	29.88 1.68 -0.69	32.32 1.55 -0.86	41.38 2.67 -1.66	41.98 2.44 -1.40	40.29 2.15 -1.10	35.82 1.89 -0.86	30.98 1.84 -0.42	23.78 1.30 0.00	22.42 1.15 0.00
GOWANUS_GT1_6 24111	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.08 1.37 0.00	22.67 1.24 0.00	22.94 1.30 -0.02	23.61 1.25 -0.07	23.77 1.28 -0.01	24.83 1.37 -0.16	27.52 1.60 -0.55	29.88 1.68 -0.69	32.32 1.55 -0.86	41.38 2.67 -1.66	41.98 2.44 -1.40	40.29 2.15 -1.10	35.82 1.89 -0.86	30.98 1.84 -0.42	23.78 1.30 0.00	22.42 1.15 0.00
GOWANUS_GT1_7 24112	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.08 1.37 0.00	22.67 1.24 0.00	22.94 1.30 -0.02	23.61 1.25 -0.07	23.77 1.28 -0.01	24.83 1.37 -0.16	27.52 1.60 -0.55	29.88 1.68 -0.69	32.32 1.55 -0.86	41.38 2.67 -1.66	41.98 2.44 -1.40	40.29 2.15 -1.10	35.82 1.89 -0.86	30.98 1.84 -0.42	23.78 1.30 0.00	22.42 1.15 0.00
GOWANUS_GT1_8 24113	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.08 1.37 0.00	22.67 1.24 0.00	22.94 1.30 -0.02	23.61 1.25 -0.07	23.77 1.28 -0.01	24.83 1.37 -0.16	27.52 1.60 -0.55	29.88 1.68 -0.69	32.32 1.55 -0.86	41.38 2.67 -1.66	41.98 2.44 -1.40	40.29 2.15 -1.10	35.82 1.89 -0.86	30.98 1.84 -0.42	23.78 1.30 0.00	22.42 1.15 0.00
GOWANUS_GT2_1 24114	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.06 1.35 0.00	22.67 1.24 0.00	22.92 1.28 -0.02	23.60 1.25 -0.07	23.63 1.15 -0.01	24.81 1.35 -0.16	27.52 1.60 -0.55	29.74 1.54 -0.69	32.32 1.55 -0.86	41.31 2.59 -1.66	41.95 2.40 -1.40	40.33 2.19 -1.10	35.86 1.92 -0.86	30.98 1.84 -0.42	23.80 1.33 0.00	22.42 1.15 0.00
GOWANUS_GT2_2 24115	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -																					

GOWANUS_GT3_2 24123	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.06 1.35 0.00	22.67 1.24 0.00	22.92 1.28 -0.02	23.60 1.25 -0.07	23.63 1.15 -0.01	24.81 1.35 -0.16	27.52 1.60 -0.55	29.74 1.54 -0.69	32.32 1.55 -0.86	41.31 2.59 -1.66	41.95 2.40 -1.40	40.33 2.19 -1.10	35.86 1.92 -0.86	30.98 1.84 -0.42	23.80 1.33 0.00	22.42 1.15 0.00
GOWANUS_GT3_3 24124	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.06 1.35 0.00	22.67 1.24 0.00	22.92 1.28 -0.02	23.60 1.25 -0.07	23.63 1.15 -0.01	24.81 1.35 -0.16	27.52 1.60 -0.55	29.74 1.54 -0.69	32.32 1.55 -0.86	41.31 2.59 -1.66	41.95 2.40 -1.40	40.33 2.19 -1.10	35.86 1.92 -0.86	30.98 1.84 -0.42	23.80 1.33 0.00	22.42 1.15 0.00
GOWANUS_GT3_4 24125	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.06 1.35 0.00	22.67 1.24 0.00	22.92 1.28 -0.02	23.60 1.25 -0.07	23.63 1.15 -0.01	24.81 1.35 -0.16	27.52 1.60 -0.55	29.74 1.54 -0.69	32.32 1.55 -0.86	41.31 2.59 -1.66	41.95 2.40 -1.40	40.33 2.19 -1.10	35.86 1.92 -0.86	30.98 1.84 -0.42	23.80 1.33 0.00	22.42 1.15 0.00
GOWANUS_GT3_5 24126	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.06 1.35 0.00	22.67 1.24 0.00	22.92 1.28 -0.02	23.60 1.25 -0.07	23.63 1.15 -0.01	24.81 1.35 -0.16	27.52 1.60 -0.55	29.74 1.54 -0.69	32.32 1.55 -0.86	41.31 2.59 -1.66	41.95 2.40 -1.40	40.33 2.19 -1.10	35.86 1.92 -0.86	30.98 1.84 -0.42	23.80 1.33 0.00	22.42 1.15 0.00
GOWANUS_GT3_6 24127	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.06 1.35 0.00	22.67 1.24 0.00	22.92 1.28 -0.02	23.60 1.25 -0.07	23.63 1.15 -0.01	24.81 1.35 -0.16	27.52 1.60 -0.55	29.74 1.54 -0.69	32.32 1.55 -0.86	41.31 2.59 -1.66	41.95 2.40 -1.40	40.33 2.19 -1.10	35.86 1.92 -0.86	30.98 1.84 -0.42	23.80 1.33 0.00	22.42 1.15 0.00
GOWANUS_GT3_7 24128	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.06 1.35 0.00	22.67 1.24 0.00	22.92 1.28 -0.02	23.60 1.25 -0.07	23.63 1.15 -0.01	24.81 1.35 -0.16	27.52 1.60 -0.55	29.74 1.54 -0.69	32.32 1.55 -0.86	41.31 2.59 -1.66	41.95 2.40 -1.40	40.33 2.19 -1.10	35.86 1.92 -0.86	30.98 1.84 -0.42	23.80 1.33 0.00	22.42 1.15 0.00
GOWANUS_GT3_8 24129	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.06 1.35 0.00	22.67 1.24 0.00	22.92 1.28 -0.02	23.60 1.25 -0.07	23.63 1.15 -0.01	24.81 1.35 -0.16	27.52 1.60 -0.55	29.74 1.54 -0.69	32.32 1.55 -0.86	41.31 2.59 -1.66	41.95 2.40 -1.40	40.33 2.19 -1.10	35.86 1.92 -0.86	30.98 1.84 -0.42	23.80 1.33 0.00	22.42 1.15 0.00
GOWANUS_GT4_1 24130	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -																					

GREENBSH_115KV_TB3 55895	21.70 0.07 -10.07	20.74 0.05 -12.23	20.15 0.04 -12.85	19.79 0.04 -13.89	20.19 0.06 -12.25	21.27 0.09 -10.21	22.17 0.10 -5.53	22.22 0.08 -2.62	21.89 0.17 0.00	21.47 0.04 0.00	21.69 0.09 0.02	22.31 0.07 0.05	22.57 0.11 0.01	23.30 0.12 0.11	25.07 0.10 0.40	27.20 0.19 0.50	29.49 0.21 0.62	36.37 0.52 1.20	37.62 0.50 1.02	36.70 0.44 0.80	32.81 0.36 0.63	28.76 0.34 0.30	22.72 0.25 0.00	21.42 0.15 0.00
GREENDGE_115KV_TB5 80291	13.45 0.29 -1.61	10.62 0.21 -1.95	9.49 0.18 -2.05	8.23 0.15 -2.22	10.03 0.20 -1.96	12.91 0.31 -1.63	17.89 0.46 -0.88	20.47 0.53 -0.43	22.19 0.48 0.00	22.07 0.64 0.00	22.29 0.67 0.00	23.16 0.87 0.00	23.30 0.83 0.00	24.26 0.96 0.00	26.36 0.99 0.00	28.50 0.99 0.00	31.13 1.23 0.00	37.83 0.78 0.00	39.09 0.95 0.00	38.16 1.11 0.00	34.10 1.03 0.00	29.57 0.86 0.00	23.24 0.76 0.00	21.99 0.72 0.00
GREENIDGE___3 23582	13.45 0.29 -1.61	10.62 0.21 -1.95	9.49 0.18 -2.05	8.23 0.15 -2.22	10.03 0.20 -1.96	12.91 0.31 -1.63	17.89 0.46 -0.88	20.47 0.53 -0.43	22.19 0.48 0.00	22.07 0.64 0.00	22.29 0.67 0.00	23.16 0.87 0.00	23.30 0.83 0.00	24.26 0.96 0.00	26.36 0.99 0.00	28.50 0.99 0.00	31.13 1.23 0.00	37.83 0.78 0.00	39.09 0.95 0.00	38.16 1.11 0.00	34.10 1.03 0.00	29.57 0.86 0.00	23.24 0.76 0.00	21.99 0.72 0.00
GREENIDGE___4 23583	13.45 0.29 -1.61	10.62 0.21 -1.95	9.49 0.18 -2.05	8.23 0.15 -2.22	10.03 0.20 -1.96	12.91 0.31 -1.63	17.88 0.46 -0.88	20.47 0.53 -0.43	22.21 0.50 0.00	22.10 0.67 0.00	22.40 0.78 0.00	23.18 0.89 0.00	23.33 0.85 0.00	24.28 0.98 0.00	26.36 0.99 0.00	28.63 1.13 0.00	31.10 1.20 0.00	37.94 0.89 0.00	39.13 0.99 0.00	38.16 1.11 0.00	34.03 0.96 0.00	29.57 0.86 0.00	23.24 0.76 0.00	21.99 0.72 0.00
GREENLWN_69_KV_BK 3 55738	20.24 0.77 -7.91	18.58 0.51 -9.61	17.79 0.44 -10.10	17.12 0.35 -10.91	18.02 0.53 -9.62	19.71 0.71 -8.02	21.76 0.88 -4.34	22.74 1.17 -2.06	23.15 1.43 0.00	22.78 1.35 0.00	23.14 1.49 -0.02	23.74 1.38 -0.07	24.19 1.71 -0.01	25.09 1.63 -0.16	28.03 2.11 -0.55	30.18 1.98 -0.70	32.65 1.88 -0.86	41.64 2.93 -1.66	42.14 2.59 -1.40	40.55 2.41 -1.10	36.19 2.25 -0.86	31.20 2.07 -0.42	24.20 1.73 0.00	22.89 1.62 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.08 1.37 0.00	22.67 1.24 0.00	22.94 1.30 -0.02	23.61 1.25 -0.07	23.77 1.28 -0.01	24.83 1.37 -0.16	27.52 1.60 -0.55	29.88 1.68 -0.69	32.32 1.55 -0.86	41.38 2.67 -1.66	41.98 2.44 -1.40	40.29 2.15 -1.10	35.82 1.89 -0.86	30.98 1.84 -0.42	23.78 1.30 0.00	22.42 1.15 0.00
GRISSOM___SOLAR 323813	24.46 1.09 -11.82	23.59 0.78 -14.36	23.00 0.65 -15.09	22.69 0.53 -16.30	22.98 0.72 -14.38	24.05 1.09 -11.99	24.75 1.72 -6.49	24.58 1.97 -3.10	23.45 1.74 0.00	22.89 1.46 0.00	23.40 1.79 0.01	24.17 1.92 0.04	24.08 1.62 0.01	25.03 1.82 0.09	27.12 2.05 0.31	29.54 2.42 0.39	32.30 2.87 0.48	40.43 4.30 0.92	42.20 4.84 0.78	41.07 4.63 0.61	36.70 4.10 0.48	31.73 3.24 0.23	25.33 2.85 0.00	23.61 2.34 0.00
GROVEVILLE___HYD 323602	19.95 0.49 -7.91	18.45 0.38 -9.61	17.65 0.30 -10.10	17.01 0.24 -10.91	17.78 0.28 -9.62	19.40 0.41 -8.02	21.61 0.73 -4.34	22.51 0.94 -2.05	22.89 1.17 0.00	22.50 1.07 0.00	22.79 1.15 -0.02	23.44 1.09 -0.06	23.63 1.15 -0.01	24.62 1.19 -0.13	27.18 1.34 -0.47	29.61 1.51 -0.59	32.07 1.44 -0.73	40.72 2.26 -1.41	41.39 2.06 -1.19	39.83 1.85 -0.93	35.49 1.69 -0.73	30.62 1.55 -0.35	23.69 1.21 0.00	22.18 0.91 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	12.45 0.05 -0.85	9.53 0.03 -1.04	8.37 0.02 -1.09	7.06 0.02 -1.18	8.95 0.04 -1.04	11.90 0.07 -0.86	17.11 0.10 -0.47	19.86 0.12 -0.23	21.80 0.09 0.00	21.58 0.15 0.00	21.75 0.13 0.00	22.51 0.22 0.00	22.63 0.16 0.00	23.49 0.19 0.00	25.55 0.18 0.00	27.67 0.17 0.00	30.11 0.21 0.00	37.09 0.04 0.00	38.21 0.08 0.00	37.16 0.11 0.00	33.21 0.13 0.00	28.77 0.06 0.00	22.52 0.04 0.00	21.38 0.11 0.00
HAMLTNNY_34_KV_TB 80303	12.53 0.07 -0.90	9.61 0.05 -1.10	8.46 0.04 -1.15	7.14 0.03 -1.25	9.03 0.06 -1.10	11.98 0.09 -0.92	17.18 0.15 -0.50	19.95 0.20 -0.24	21.89 0.17 0.00	21.67 0.24 0.00	21.84 0.22 0.00	22.56 0.27 0.00	22.72 0.25 0.00	23.58 0.28 0.00	25.67 0.30 0.00	27.78 0.28 0.00	30.26 0.36 0.00	37.28 0.22 0.00	38.40 0.27 0.00	37.38 0.33 0.00	33.37 0.30 0.00	28.91 0.20 0.00	22.61 0.13 0.00	21.46 0.19 0.00
HAMPSHIRE___PAPER_HYD 323593	11.05 -0.80 -0.29	8.22 -0.59 -0.36	7.16 -0.47 -0.38	5.88 -0.39 -0.41	7.70 -0.53 -0.36	10.57 -0.70 -0.30	15.63 -1.07 -0.16	18.13 -1.46 -0.08	19.98 -1.74 0.00	19.57 -1.86 0.00	19.76 -1.86 0.00	20.33 -1.96 0.00	20.22 -2.25 0.00	20.90 -2.40 0.00	22.88 -2.49 0.00	24.85 -2.67 -0.01	27.30 -2.60 0.00	34.31 -2.74 0.00	36.19 -1.94 0.00	34.67 -2.37 0.00	31.06 -2.02 0.00	26.96 -1.75 0.00	21.24 -1.24 0.00	19.91 -1.36 0.00
HARDSCRABBLE_WT_PWR 323673	11.30 -0.25 0.00	8.28 -0.18 0.00	7.11 -0.15 0.00	5.76 -0.11 0.00	7.75 -0.12 0.00	10.83 -0.14 0.00	16.34 -0.20 0.00	19.28 -0.23 0.00	21.41 -0.30 0.00	21.17 -0.26 0.00	21.54 -0.09 0.00	22.22 -0.07 0.00	22.29 -0.18 0.00	23.11 -0.19 0.00	25.19 -0.18 0.00	27.34 -0.16 0.00	29.72 -0.18 0.00	36.87 -0.18 0.00	37.95 -0.19 0.00	36.75 -0.30 0.00	32.71 -0.36 0.00	28.40 -0.32 0.00	22.34 -0.13 0.00	21.14 -0.13 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.43 0.46 -7.41	17.83 0.36 -9.00	17.00 0.28 -9.46	16.32 0.23 -10.22	17.17 0.28 -9.02	18.88 0.38 -7.52	21.27 0.66 -4.07	22.32 0.88 -1.92	22.80 1.09 0.00	22.44 1.01 0.00	22.70 1.06 -0.02	23.42 1.07 -0.06	23.56 1.08 -0.01	24.56 1.12 -0.14	27.15 1.29 -0.49	29.55 1.43 -0.62	32.04 1.38 -0.76	40.64 2.11 -1.47	41.29 1.91 -1.25	39.69 1.67 -0.98	35.40 1.55 -0.77	30.52 1.44 -0.37	23.60 1.12 0.00	22.14 0.87 0.00
HARSNRAD_115KV_TB1 81005	12.96 0.14 -1.27	10.11 0.11 -1.54	9.00 0.13 -1.62	7.73 0.12 -1.75	9.54 0.13 -1.54	12.36 0.10 -1.28	17.20 -0.03 -0.70	19.62 -0.23 -0.34	21.39 -0.33 0.00	21.47 0.04 0.00	21.71 0.09 0.00	22.54 0.25 0.00	22.81 0.34 0.00	23.74 0.44 0.00	25.62 0.25 0.00	27.51 0.00 0.00	30.08 0.18 0.00	35.87 -1.19 0.00	37.07 -1.07 0.00	36.64 -0.41 0.00	32.91 -0.17 0.00	28.48 -0.23 0.00	22.74 0.27 0.00	21.67 0.40 0.00
HARZA MOOSE___RIVER 24016	11.84 -0.03 -0.32	8.81 -0.03 -0.38	7.63 -0.03 -0.40	6.28 -0.02 -0.44	8.28 0.02 -0.39	11.33 0.03 -0.32	16.80 0.08 -0.17	19.54 -0.06 -0.09	21.50 -0.22 0.00	21.24 -0.19 0.00	21.36 -0.26 0.00	22.16 -0.13 0.00	22.18 -0.29 0.00	23.00 -0.30 0.00	25.12 -0.25 0.00	27.32 -0.19 0.00	29.87 -0.03 0.00	37.17 0.11 0.00	38.60 0.46 0.00	37.38 0.33 0.00	33.41 0.33 0.00	28.83 0.11 0.00	22.63 0.16 0.00	21.29 0.02 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	12.33 0.00 -0.78	9.39 -0.01 -0.94	8.24 -0.01 -0.99	6.93 -0.01 -1.07	8.81 0.00 -0.94	11.77 0.01 -0.79	16.98 0.02 -0.43	19.74 0.02 -0.21	21.71 0.00 0.00	21.50 0.06 0.00	21.67 0.04 0.00	22.40 0.11 0.00	22.54 0.07 0.00	23.39 0.09 0.00	25.47 0.10 0.00	27.56 0.06 0.00	29.93 0.03 0.00	36.80 -0.26 0.00	37.91 -0.23 0.00	36.90 -0.15 0.00	32.94 -0.13 0.00	28.60 -0.11 0.00	22.38 -0.09 0.00	21.27 0.00 0.00
HELLGATE_13_KV_LD 55870	20.00 0.53 -7.91	18.51 0.45 -9.61	17.72 0.37 -10.10	17.06 0.29 -10.91	17.83 0.34 -9.62	19.42 0.43 -8.02	21.58 0.69 -4.34	22.56 1.00 -2.05	22.99 1.28 0.00	22.59 1.16 0.00	22.86 1.21 -0.02	23.52 1.16 -0.07	23.68 1.19 -0.01	24.71 1.26 -0.16	27.37 1.45 -0.55	29.74 1.54 -0.69	32.23 1.47 -0.86	41.16 2.45 -1.66	41.75 2.21 -1.40	40.11 1.96 -1.10	35.66 1.72 -0.86	30.74 1.61 -0.42	23.62 1.15 0.00	22.29 1.02 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	20.00 0.53 -7.91	18.51 0.45 -9.61	17.72 0.37 -10.10	17.06 0.29 -10.91	17.83 0.34 -9.62	19.42 0.43 -8.02	21.58 0.69 -4.34	22.56 1.00 -2.05	22.99 1.28 0.00	22.59 1.16 0.00	22.86 1.21 -0.02	23.52 1.16 -0.07	23.68 1.19 -0.01	24.71 1.26 -0.16	27.37 1.45 -0.55	29.74 1.54 -0.69	32.23 1.47 -0.86	41.16 2.45 -1.66	41.75 2.21 -1.40	40.11 1.96 -1.10	35.66 1.72 -0.86	30.74 1.61 -0.42	23.62 1.15 0.00	22.29 1.02 0.00
HEMPSTEAD____ 23647	20.15 0.68 -7.91	18.50 0.43 -9.61	17.72 0.36 -10.10	17.06 0.29 -10.91	17.93 0.43 -9.62	19.57 0.57 -8.02	21.63 0.74 -4.34	22.56 0.99 -2.06	22.95 1.24 0.00	22.57 1.14 0.00	22.75 1.10 -0.02	23.45 1.09 -0.07	23.65 1.17 -0.01	24.78 1.33 -0.16	27.65 1.73 -0.55	29.82 1.62 -0.69	32.56 1.79 -0.86	41.05 2.34 -1.66	41.64 2.10 -1.40	40.33 2.19 -1.10	36.06 2.12 -0.86	31.08 1.95 -0.42	24.04 1.57 0.00	22.61 1.34 0.00
HEWLETT__69_KV_BK3 55828	20.22 0.75 -7.91	18.58 0.51 -9.61	17.78 0.43 -10.10	17.11 0.34 -10.91	18.00 0.50 -9.62	19.68 0.68 -8.02	21.76 0.88 -4.34	22.74 1.17 -2.06	23.06 1.35 0.00	22.67 1.24 0.00	23.05 1.41 -0.02	23.74 1.38 -0.07	24.06 1.57 -0.01	25.02 1.56 -0.16	27.93 2.00 -0.55	30.26 2.06 -0.70	32.74 1.97 -0.86	41.75 3.04 -1.66	42.29 2.75 -1.40	40.70 2.56 -1.10	36.35 2.41 -0.86	31.34 2.21 -0.42	24.20 1.73 0.00	22.84 1.57 0.00
HICKLING___1 23621	13.99 0.39 -2.05	11.23 0.29 -2.48	10.11 0.24 -2.61	8.88 0.20 -2.82	10.62 0.26 -2.49	13.41 0.36 -2.07	18.19 0.53 -1.12	20.63 0.57 -0.55	22.43 0.72 0.00	22.42 0.99 0.00	22.64 1.02 0.00	23.47 1.18 0.00	23.71 1.24 0.00	24.67 1.37 0.00	26.82 1.45 0.00	28.96 1.46 0.00	31.58 1.67 0.00	38.43 1.37 0.00	39.66 1.53 0.00	38.71 1.67 0.00	34.63 1.55 0.00	29.95 1.23 0.00	23.51 1.03 0.00	22.27 1.00 0.00
HICKLING___2 23622	13.99 0.39 -2.05	11.23 0.29 -2.48	10.11 0.24 -2.61	8.88 0.20 -2.82	10.62 0.26 -2.49	13.41 0.36 -2.07	18.19 0.53 -1.12	20.63 0.57 -0.55	22.43 0.72 0.00	22.42 0.99 0.00	22.64 1.02 0.00	23.47 1.18 0.00	23.71 1.24 0.00	24.67 1.37 0.00	26.82 1.45 0.00	28.96 1.46 0.00	31.58 1.67 0.00	38.43 1.37 0.00	39.66 1.53 0.00	38.71 1.67 0.00	34.63 1.55 0.00	29.95 1.23 0.00	23.51 1.03 0.00	22.27 1.00 0.00
HIGH FALLS___HY 23754	19.80 0.45 -7.79	18.29 0.36 -9.47	17.47 0.27 -9.95	16.83 0.22 -10.75	17.60 0.24 -9.48	19.22 0.34 -7.90	21.50 0.68 -4.28	22.62 1.09 -2.01	22.97 1.26 0.00	22.59 1.16 0.00	22.87 1.23 -0.01	23.60 1.27 -0.04	23.69 1.21 -0.01	24.67 1.28 -0.09	27.19 1.50 -0.33	29.56 1.65 -0.41	31.99 1.58 -0.51	40.51 2.48 -0.98	41.18 2.21 -0.83	39.66 1.96 -0.65	35.40 1.82 -0.51	30.62 1.67 -0.25	23.87 1.39 0.00	22.31 1.04 0.00
HILLBURN___GT 23639	19.56 0.49 -7.52	17.97 0.38 -9.14	17.16 0.30 -9.60	16.48 0.25 -10.37	17.32 0.30 -9.15	19.01 0.41 -7.63	21.35 0.68 -4.13	22.36 0.90 -1.95	22.78 1.06 0.00	22.44 1.01 0.00	22.72 1.08 -0.02	23.42 1.07 -0.06	23.43 0.94 -0.01	24.54 1.10 -0.14	27.14 1.27 -0.50	29.46 1.32 -0.63	32.03 1.35 -0.79	40.57 2.00 -1.51	41.29 1.87 -1.28	39.75 1.71 -1.00	35.39 1.52 -0.79	30.50 1.41 -0.38	23.60 1.12 0.00	22.16 0.89 0.00
HILLSIDE_115KV_TB1 80332	13.89 0.22 -2.12	11.20 0.17 -2.57	10.10 0.15 -2.70	8.90 0.12 -2.92	10.60 0.15 -2.57	13.32 0.20 -2.15	17.98 0.28 -1.16	20.34 0.25 -0.57	22.04 0.33 0.00	22.03 0.60 0.00	22.21 0.58 0.00	23.03 0.74 0.00	23.24 0.76 0.00	24.16 0.86 0.00	26.26 0.89 0.00	28.36 0.85 0.00	30.92 1.02 0.00	37.68 0.63 0.00	38.82 0.69 0.00	37.90 0.85 0.00	33.90 0.83 0.00	29.37 0.66 0.00	23.12 0.65 0.00	21.91 0.64 0.00
HISHELDN_WT_PWR 323625	13.24 0.21 -1.48	10.41 0.15 -1.80	9.30 0.15 -1.89	8.03 0.13 -2.04	9.82 0.15 -1.80	12.63 0.15 -1.50	17.48 0.13 -0.81	19.95 0.04 -0.40	21.84 0.13 0.00	21.90 0.47 0.00	22.27 0.65 0.00	23.02 0.73 0.00	23.28 0.81 0.00	24.23 0.93 0.00	26.18 0.81 0.00	28.47 0.96 0.00	30.77 0.87 0.00	37.17 0.11 0.00	38.25 0.11 0.00	37.49 0.45 0.00	33.54 0.46 0.00	29.09 0.37 0.00	23.12 0.65 0.00	21.95 0.68 0.00
HOLTSVILLE_IC_1 23690	20.32 0.86 -7.91	18.52 0.45 -9.61	17.75 0.40 -10.10	17.09 0.32 -10.91	18.04 0.54 -9.62	19.71 0.71 -8.02	21.58 0.69 -4.34	22.53 0.96 -2.06	22.93 1.22 0.00	22.54 1.11 0.00	22.68 1.04 -0.02	23.38 1.03 -0.07	23.65 1.17 -0.01	24.74 1.28 -0.16	27.65 1.73 -0.55	29.79 1.59 -0.69	32.62 1.85 -0.86	40.94 2.22 -1.66	41.49 1.94 -1.40	40.44 2.30 -1.10	36.09 2.15 -0.86	31.17 2.04 -0.42	24.18 1.71 0.00	22.78 1.51 0.00
HOLTSVILLE_IC_10 23699	20.38 0.91 -7.91	18.54 0.47 -9.61	17.78 0.42 -10.10	17.11 0.34 -10.91	18.08 0.58 -9.62	19.77 0.77 -8.02	21.64 0.76 -4.34	22.58 1.01 -2.06	23.06 1.35 0.00	22.67 1.24 0.00	22.75 1.10 -0.02	23.45 1.09 -0.07	23.79 1.30 -0.01	24.88 1.42 -0.16	27.83 1.90 -0.55	30.02 1.81 -0.69	32.86 2.09 -0.86	41.24 2.52 -1.66	41.75 2.21 -1.40	40.74 2.59 -1.10	36.35 2.41 -0.86	31.37 2.24 -0.42	24.29 1.82 0.00	22.88 1.62 0.00
HOLTSVILLE_IC_2 23691	20.32 0.86 -7.91	18.52 0.45 -9.61	17.75 0.40 -10.10	17.09 0.32 -10.91	18.04 0.54 -9.62	19.71 0.71 -8.02	21.58 0.69 -4.34	22.53 0.96 -2.06	22.93 1.22 0.00	22.54 1.11 0.00	22.68 1.04 -0.02	23.38 1.03 -0.07	23.65 1.17 -0.01	24.74 1.28 -0.16	27.65 1.73 -0.55	29.79 1.59 -0.69	32.62 1.85 -0.86	40.94 2.22 -1.66	41.49 1.94 -1.40	40.44 2.30 -1.10	36.09 2.15 -0.86	31.17 2.04 -0.42	24.18 1.71 0.00	22.78 1.51 0.00
HOLTSVILLE_IC_3 23692	20.32 0.86 -7.91	18.52 0.45 -9.61	17.75 0.40 -10.10	17.09 0.32 -10.91	18.04 0.54 -9.62	19.71 0.71 -8.02	21.58 0.69 -4.34	22.53 0.96 -2.06	22.93 1.22 0.00	22.54 1.11 0.00	22.68 1.04 -0.02	23.38 1.03 -0.07	23.65 1.17 -0.01	24.74 1.28 -0.16	27.65 1.73 -0.55	29.79 1.59 -0.69	32.62 1.85 -0.86	40.94 2.22 -1.66	41.49 1.94 -1.40	40.44 2.30 -1.10	36.09 2.15 -0.86	31.17 2.04 -0.42	24.18 1.71 0.00	22.78 1.51 0.00

HOLTSVILLE_IC_4 23693	20.32 0.86 -7.91	18.52 0.45 -9.61	17.75 0.40 -10.10	17.09 0.32 -10.91	18.04 0.54 -9.62	19.71 0.71 -8.02	21.58 0.69 -4.34	22.53 0.96 -2.06	22.93 1.22 0.00	22.54 1.11 0.00	22.68 1.04 -0.02	23.38 1.03 -0.07	23.65 1.17 -0.01	24.74 1.28 -0.16	27.65 1.73 -0.55	29.79 1.59 -0.69	32.62 1.85 -0.86	40.94 2.22 -1.66	41.49 1.94 -1.40	40.44 2.30 -1.10	36.09 2.15 -0.86	31.17 2.04 -0.42	24.18 1.71 0.00	22.78 1.51 0.00
HOLTSVILLE_IC_5 23694	20.32 0.86 -7.91	18.52 0.45 -9.61	17.75 0.40 -10.10	17.09 0.32 -10.91	18.04 0.54 -9.62	19.71 0.71 -8.02	21.58 0.69 -4.34	22.53 0.96 -2.06	22.93 1.22 0.00	22.54 1.11 0.00	22.68 1.04 -0.02	23.38 1.03 -0.07	23.65 1.17 -0.01	24.74 1.28 -0.16	27.65 1.73 -0.55	29.79 1.59 -0.69	32.62 1.85 -0.86	40.94 2.22 -1.66	41.49 1.94 -1.40	40.44 2.30 -1.10	36.09 2.15 -0.86	31.17 2.04 -0.42	24.18 1.71 0.00	22.78 1.51 0.00
HOLTSVILLE_IC_6 23695	20.38 0.91 -7.91	18.54 0.47 -9.61	17.78 0.42 -10.10	17.11 0.34 -10.91	18.08 0.58 -9.62	19.77 0.77 -8.02	21.64 0.76 -4.34	22.58 1.01 -2.06	23.06 1.35 0.00	22.67 1.24 0.00	22.75 1.10 -0.02	23.45 1.09 -0.07	23.79 1.30 -0.01	24.88 1.42 -0.16	27.83 1.90 -0.55	30.02 1.81 -0.69	32.86 2.09 -0.86	41.24 2.52 -1.66	41.75 2.21 -1.40	40.74 2.59 -1.10	36.35 2.41 -0.86	31.37 2.24 -0.42	24.29 1.82 0.00	22.88 1.62 0.00
HOLTSVILLE_IC_7 23696	20.38 0.91 -7.91	18.54 0.47 -9.61	17.78 0.42 -10.10	17.11 0.34 -10.91	18.08 0.58 -9.62	19.77 0.77 -8.02	21.64 0.76 -4.34	22.58 1.01 -2.06	23.06 1.35 0.00	22.67 1.24 0.00	22.75 1.10 -0.02	23.45 1.09 -0.07	23.79 1.30 -0.01	24.88 1.42 -0.16	27.83 1.90 -0.55	30.02 1.81 -0.69	32.86 2.09 -0.86	41.24 2.52 -1.66	41.75 2.21 -1.40	40.74 2.59 -1.10	36.35 2.41 -0.86	31.37 2.24 -0.42	24.29 1.82 0.00	22.88 1.62 0.00
HOLTSVILLE_IC_8 23697	20.38 0.91 -7.91	18.54 0.47 -9.61	17.78 0.42 -10.10	17.11 0.34 -10.91	18.08 0.58 -9.62	19.77 0.77 -8.02	21.64 0.76 -4.34	22.58 1.01 -2.06	23.06 1.35 0.00	22.67 1.24 0.00	22.75 1.10 -0.02	23.45 1.09 -0.07	23.79 1.30 -0.01	24.88 1.42 -0.16	27.83 1.90 -0.55	30.02 1.81 -0.69	32.86 2.09 -0.86	41.24 2.52 -1.66	41.75 2.21 -1.40	40.74 2.59 -1.10	36.35 2.41 -0.86	31.37 2.24 -0.42	24.29 1.82 0.00	22.88 1.62 0.00
HOLTSVILLE_IC_9 23698	20.38 0.91 -7.91	18.54 0.47 -9.61	17.78 0.42 -10.10	17.11 0.34 -10.91	18.08 0.58 -9.62	19.77 0.77 -8.02	21.64 0.76 -4.34	22.58 1.01 -2.06	23.06 1.35 0.00	22.67 1.24 0.00	22.75 1.10 -0.02	23.45 1.09 -0.07	23.79 1.30 -0.01	24.88 1.42 -0.16	27.83 1.90 -0.55	30.02 1.81 -0.69	32.86 2.09 -0.86	41.24 2.52 -1.66	41.75 2.21 -1.40	40.74 2.59 -1.10	36.35 2.41 -0.86	31.37 2.24 -0.42	24.29 1.82 0.00	22.88 1.62 0.00
HOMER_HL_115KV_TB2 355744	13.21 0.10 -1.55	10.43 0.08 -1.89	9.32 0.08 -1.98	8.08 0.07 -2.14	9.83 0.06 -1.89	12.62 0.07 -1.58	17.45 0.05 -0.86	19.88 -0.06 -0.42	22.04 0.33 0.00	22.27 0.84 0.00	22.49 0.86 0.00	23.36 1.07 0.00	23.62 1.15 0.00	24.63 1.33 0.00	26.61 1.24 0.00	28.72 1.21 0.00	31.37 1.47 0.00	37.72 0.67 0.00	38.94 0.80 0.00	38.12 1.07 0.00	34.13 1.06 0.00	29.52 0.80 0.00	23.42 0.94 0.00	22.20 0.94 0.00
HOWARD_WT_PWR 323690	13.70 0.43 -1.71	10.84 0.30 -2.08	9.69 0.25 -2.19	8.42 0.19 -2.36	10.22 0.27 -2.08	13.10 0.38 -1.74	18.07 0.59 -0.94	20.60 0.62 -0.46	22.45 0.74 0.00	22.46 1.03 0.00	22.86 1.23 0.00	23.67 1.38 0.00	23.84 1.37 0.00	24.84 1.54 0.00	26.89 1.52 0.00	29.24 1.73 0.00	31.64 1.73 0.00	38.50 1.44 0.00	39.70 1.56 0.00	38.75 1.71 0.00	34.63 1.55 0.00	29.92 1.21 0.00	23.66 1.19 0.00	22.40 1.13 0.00
HQ_GEN_CEDARS 23644	10.31 -1.43 -0.18	7.62 -1.07 -0.22	6.66 -0.83 -0.24	5.42 -0.70 -0.25	7.06 -1.03 -0.22	9.77 -1.39 -0.19	14.47 -2.17 -0.10	17.12 -2.44 -0.05	19.11 -2.61 0.00	18.71 -2.72 0.00	19.11 -2.51 0.00	19.73 -2.56 0.00	19.57 -2.90 0.00	20.25 -3.05 0.00	22.22 -3.15 0.00	24.00 -3.49 0.01	26.37 -3.53 0.00	33.35 -3.71 0.00	34.74 -3.39 0.00	32.86 -4.19 0.00	29.30 -3.77 0.00	25.38 -3.33 0.00	19.96 -2.52 0.00	18.72 -2.55 0.00
HQ_GEN_CEDARS_PROXY 323590	10.31 -1.43 -0.18	7.62 -1.07 -0.22	6.66 -0.83 -0.24	5.42 -0.70 -0.25	7.07 -1.03 -0.22	9.77 -1.39 -0.19	14.47 -2.17 -0.10	16.30 -3.28 -0.06	18.11 -3.60 0.00	17.66 -3.77 0.00	17.82 -3.81 0.00	18.30 -3.99 0.00	18.16 -4.31 0.00	18.69 -4.61 0.00	20.55 -4.82 0.00	22.18 -5.31 0.01	24.61 -5.44 -0.15	30.87 -6.04 0.15	34.74 -3.39 0.00	32.86 -4.19 0.00	29.30 -3.77 0.00	25.38 -3.33 0.00	19.96 -2.52 0.00	18.72 -2.55 0.00
HQ_GEN_IMPORT 323601	11.55 0.00 0.00	8.46 0.00 0.00	7.26 0.00 0.00	5.86 0.00 0.00	7.87 0.00 0.00	10.97 0.00 0.00	16.54 0.00 0.00	19.51 0.00 0.00	21.71 0.00 0.00	21.43 0.00 0.00	21.62 0.00 0.00	22.29 0.00 0.00	22.47 0.00 0.00	23.30 0.00 0.00	25.37 0.00 0.00	27.51 0.00 0.00	30.05 0.00 -0.15	36.91 0.00 0.15	38.14 0.00 0.00	37.05 0.00 0.00	33.07 0.00 0.00	28.71 0.00 0.00	22.47 0.00 0.00	21.27 0.00 0.00
HQ_GEN_WHEEL 23651	11.55 0.00 0.00	8.46 0.00 0.00	7.26 0.00 0.00	5.86 0.00 0.00	7.87 0.00 0.00	10.97 0.00 0.00	16.54 0.00 0.00	19.51 0.00 0.00	21.71 0.00 0.00	21.43 0.00 0.00	21.62 0.00 0.00	22.29 0.00 0.00	22.47 0.00 0.00	23.30 0.00 0.00	25.37 0.00 0.00	27.51 0.00 0.00	30.05 0.00 -0.15	36.91 0.00 0.15	38.14 0.00 0.00	37.05 0.00 0.00	33.07 0.00 0.00	28.71 0.00 0.00	22.47 0.00 0.00	21.27 0.00 0.00
HUDSON_AVE_GT_3 23810	20.01 0.54 -7.91	18.50 0.43 -9.61	17.71 0.36 -10.10	17.05 0.28 -10.91	17.83 0.34 -9.62	19.43 0.44 -8.02	21.61 0.73 -4.34	22.58 1.01 -2.05	22.99 1.28 0.00	22.61 1.18 0.00	22.86 1.21 -0.02	23.54 1.18 -0.07	23.70 1.21 -0.01	24.74 1.28 -0.16	27.39 1.47 -0.55	29.80 1.60 -0.69	32.29 1.52 -0.86	41.16 2.45 -1.66	41.79 2.25 -1.40	40.14 2.00 -1.10	35.72 1.79 -0.86	30.79 1.67 -0.42	23.69 1.21 0.00	22.29 1.02 0.00
HUDSON_AVE_GT_4 23540	20.01 0.54 -7.91	18.50 0.43 -9.61	17.71 0.36 -10.10	17.05 0.28 -10.91	17.83 0.34 -9.62	19.43 0.44 -8.02	21.61 0.73 -4.34	22.58 1.01 -2.05	22.99 1.28 0.00	22.61 1.18 0.00	22.86 1.21 -0.02	23.54 1.18 -0.07	23.70 1.21 -0.01	24.74 1.28 -0.16	27.39 1.47 -0.55	29.80 1.60 -0.69	32.29 1.52 -0.86	41.16 2.45 -1.66	41.79 2.25 -1.40	40.14 2.00 -1.10	35.72 1.79 -0.86	30.79 1.67 -0.42	23.69 1.21 0.00	22.29 1.02 0.00
HUDSON_AVE_GT_5 23657	20.01 0.54 -7.91	18.50 0.43 -9.61	17.71 0.36 -10.10	17.05 0.28 -10.91	17.83 0.34 -9.62	19.43 0.44 -8.02	21.61 0.73 -4.34	22.58 1.01 -2.05	22.99 1.28 0.00	22.61 1.18 0.00	22.86 1.21 -0.02	23.54 1.18 -0.07	23.70 1.21 -0.01	24.74 1.28 -0.16	27.39 1.47 -0.55	29.80 1.60 -0.69	32.29 1.52 -0.86	41.16 2.45 -1.66	41.79 2.25 -1.40	40.14 2.00 -1.10	35.72 1.79 -0.86	30.79 1.67 -0.42	23.69 1.21 0.00	22.29 1.02 0.00

HUDSON_AVE_10 24168	19.95 0.49 -7.91	18.46 0.40 -9.61	17.68 0.33 -10.10	17.02 0.25 -10.90	17.79 0.31 -9.61	19.38 0.40 -8.01	21.56 0.68 -4.34	22.53 0.96 -2.05	22.95 1.24 0.00	22.57 1.14 0.00	22.79 1.15 -0.02	23.45 1.09 -0.07	23.61 1.12 -0.01	24.64 1.19 -0.16	27.29 1.37 -0.55	29.69 1.49 -0.69	32.14 1.38 -0.86	41.01 2.30 -1.66	41.64 2.10 -1.40	40.00 1.85 -1.10	35.59 1.65 -0.86	30.68 1.55 -0.42	23.60 1.12 0.00	22.20 0.94 0.00
HUDSON___115KV_TB 4 355613	21.50 0.17 -9.77	20.44 0.12 -11.86	19.81 0.09 -12.47	19.40 0.07 -13.47	19.86 0.10 -11.88	21.04 0.16 -9.90	22.20 0.30 -5.36	22.37 0.31 -2.54	22.17 0.46 0.00	21.71 0.28 0.00	21.98 0.37 0.01	22.59 0.33 0.03	22.80 0.34 0.01	23.65 0.42 0.07	25.54 0.43 0.26	27.78 0.61 0.33	30.19 0.69 0.40	37.46 1.19 0.78	38.73 1.26 0.66	37.71 1.19 0.52	33.76 1.09 0.41	29.46 0.95 0.20	23.12 0.65 0.00	21.69 0.43 0.00
HUNTER MOUNT___DRP 323613	21.10 0.12 -9.43	19.99 0.08 -11.46	19.34 0.04 -12.04	18.91 0.04 -13.01	19.39 0.05 -11.47	20.66 0.12 -9.56	21.97 0.25 -5.18	22.24 0.27 -2.45	22.19 0.48 0.00	21.69 0.26 0.00	22.03 0.41 0.01	22.61 0.33 0.02	22.78 0.31 0.00	23.73 0.47 0.04	25.69 0.46 0.14	27.97 0.63 0.17	30.41 0.72 0.21	37.90 1.26 0.42	39.12 1.33 0.35	38.03 1.26 0.28	34.08 1.22 0.22	29.64 1.03 0.10	23.17 0.70 0.00	21.67 0.40 0.00
HUNTINGTON_RES_REC 323705	20.33 0.87 -7.91	18.56 0.49 -9.61	17.78 0.42 -10.10	17.11 0.34 -10.91	18.04 0.54 -9.62	19.72 0.72 -8.02	21.69 0.81 -4.34	22.66 1.09 -2.06	23.12 1.41 0.00	22.76 1.33 0.00	22.86 1.21 -0.02	23.56 1.20 -0.07	23.88 1.39 -0.01	24.99 1.54 -0.16	27.95 2.03 -0.55	30.04 1.84 -0.69	32.86 2.09 -0.86	41.27 2.55 -1.66	41.83 2.29 -1.40	40.78 2.63 -1.10	36.39 2.45 -0.86	31.40 2.27 -0.42	24.34 1.86 0.00	22.91 1.64 0.00
HUNTLEY___63 23557	13.09 0.23 -1.31	10.22 0.18 -1.59	9.12 0.20 -1.67	7.83 0.16 -1.80	9.66 0.20 -1.59	12.49 0.19 -1.33	17.32 0.07 -0.72	19.77 -0.10 -0.35	21.56 -0.15 0.00	21.69 0.26 0.00	21.95 0.32 0.00	22.78 0.49 0.00	23.06 0.58 0.00	24.00 0.70 0.00	25.90 0.53 0.00	27.84 0.33 0.00	30.44 0.54 0.00	36.31 -0.74 0.00	37.53 -0.61 0.00	37.01 -0.04 0.00	33.24 0.17 0.00	28.74 0.03 0.00	22.97 0.49 0.00	21.89 0.62 0.00
HUNTLEY___64 23558	13.09 0.23 -1.31	10.22 0.18 -1.59	9.12 0.20 -1.67	7.83 0.16 -1.80	9.66 0.20 -1.59	12.49 0.19 -1.33	17.32 0.07 -0.72	19.77 -0.10 -0.35	21.56 -0.15 0.00	21.69 0.26 0.00	21.95 0.32 0.00	22.78 0.49 0.00	23.06 0.58 0.00	24.00 0.70 0.00	25.90 0.53 0.00	27.84 0.33 0.00	30.44 0.54 0.00	36.31 -0.74 0.00	37.53 -0.61 0.00	37.01 -0.04 0.00	33.24 0.17 0.00	28.74 0.03 0.00	22.97 0.49 0.00	21.89 0.62 0.00
HUNTLEY___65 23559	13.09 0.23 -1.31	10.22 0.18 -1.59	9.12 0.20 -1.67	7.83 0.16 -1.80	9.66 0.20 -1.59	12.49 0.19 -1.33	17.32 0.07 -0.72	19.77 -0.10 -0.35	21.56 -0.15 0.00	21.69 0.26 0.00	21.95 0.32 0.00	22.78 0.49 0.00	23.06 0.58 0.00	24.00 0.70 0.00	25.90 0.53 0.00	27.84 0.33 0.00	30.44 0.54 0.00	36.31 -0.74 0.00	37.53 -0.61 0.00	37.01 -0.04 0.00	33.24 0.17 0.00	28.74 0.03 0.00	22.97 0.49 0.00	21.89 0.62 0.00
HUNTLEY___66 23560	13.09 0.23 -1.31	10.22 0.18 -1.59	9.12 0.20 -1.67	7.83 0.16 -1.80	9.66 0.20 -1.59	12.49 0.19 -1.33	17.32 0.07 -0.72	19.77 -0.10 -0.35	21.56 -0.15 0.00	21.69 0.26 0.00	21.95 0.32 0.00	22.78 0.49 0.00	23.06 0.58 0.00	24.00 0.70 0.00	25.90 0.53 0.00	27.84 0.33 0.00	30.44 0.54 0.00	36.31 -0.74 0.00	37.53 -0.61 0.00	37.01 -0.04 0.00	33.24 0.17 0.00	28.74 0.03 0.00	22.97 0.49 0.00	21.89 0.62 0.00
HUNTLEY___67 23561	13.05 0.16 -1.33	10.20 0.13 -1.62	9.09 0.14 -1.70	7.82 0.12 -1.83	9.62 0.13 -1.62	12.43 0.11 -1.35	17.35 0.07 -0.74	19.78 -0.10 -0.36	21.63 -0.09 0.00	21.73 0.30 0.00	21.99 0.37 0.00	22.82 0.53 0.00	23.08 0.61 0.00	24.05 0.75 0.00	25.95 0.58 0.00	27.89 0.39 0.00	30.50 0.60 0.00	36.42 -0.63 0.00	37.60 -0.53 0.00	37.08 0.04 0.00	33.27 0.20 0.00	28.80 0.09 0.00	22.94 0.47 0.00	21.86 0.60 0.00
HUNTLEY___68 23562	13.05 0.16 -1.33	10.20 0.13 -1.62	9.09 0.14 -1.70	7.82 0.12 -1.83	9.62 0.13 -1.62	12.43 0.11 -1.35	17.35 0.07 -0.74	19.78 -0.10 -0.36	21.63 -0.09 0.00	21.73 0.30 0.00	21.99 0.37 0.00	22.82 0.53 0.00	23.08 0.61 0.00	24.05 0.75 0.00	25.95 0.58 0.00	27.89 0.39 0.00	30.50 0.60 0.00	36.42 -0.63 0.00	37.60 -0.53 0.00	37.08 0.04 0.00	33.27 0.20 0.00	28.80 0.09 0.00	22.94 0.47 0.00	21.86 0.60 0.00
HYLAND___LFGE 323620	13.68 0.70 -1.42	10.69 0.51 -1.73	9.49 0.42 -1.81	8.16 0.33 -1.96	10.06 0.46 -1.73	13.06 0.65 -1.44	18.18 0.86 -0.78	20.77 0.88 -0.38	22.41 0.69 0.00	22.12 0.69 0.00	22.32 0.69 0.00	23.14 0.85 0.00	23.35 0.88 0.00	24.21 0.91 0.00	26.28 0.91 0.00	28.71 1.21 0.00	30.32 0.42 0.00	37.43 0.37 0.00	39.02 0.88 0.00	38.49 1.44 0.00	34.46 1.39 0.00	29.86 1.15 0.00	24.14 1.66 0.00	22.76 1.49 0.00
INDECK___CORINTH 23802	22.67 0.67 -10.44	21.62 0.47 -12.68	20.99 0.41 -13.33	20.59 0.33 -14.40	21.02 0.44 -12.70	22.22 0.66 -10.59	23.28 1.01 -5.73	23.48 1.23 -2.73	23.10 1.39 0.00	22.65 1.22 0.00	22.73 1.12 0.02	23.42 1.18 0.05	23.74 1.28 0.01	24.60 1.42 0.12	26.50 1.57 0.44	28.91 1.95 0.55	31.46 2.24 0.68	38.78 3.04 1.32	40.30 3.28 1.11	39.29 3.11 0.87	35.17 2.78 0.69	30.71 2.32 0.33	24.14 1.66 0.00	22.63 1.36 0.00
INDECK___ILION 23567	11.45 -0.10 0.00	8.38 -0.08 0.00	7.20 -0.06 0.00	5.82 -0.04 0.00	7.82 -0.05 0.00	10.92 -0.05 0.00	16.46 -0.08 0.00	19.40 -0.12 0.00	21.54 -0.17 0.00	21.28 -0.15 0.00	21.49 -0.13 0.00	22.22 -0.07 0.00	22.34 -0.13 0.00	23.16 -0.14 0.00	25.24 -0.13 0.00	27.40 -0.11 0.00	29.81 -0.09 0.00	36.98 -0.07 0.00	38.10 -0.04 0.00	36.97 -0.07 0.00	32.94 -0.13 0.00	28.57 -0.14 0.00	22.43 -0.04 0.00	21.21 -0.06 0.00
INDECK___OLEAN 23982	13.21 0.10 -1.55	10.43 0.08 -1.89	9.32 0.08 -1.98	8.08 0.07 -2.14	9.83 0.06 -1.89	12.62 0.07 -1.58	17.44 0.05 -0.85	19.88 -0.06 -0.42	22.08 0.37 0.00	22.27 0.83 0.00	22.60 0.97 0.00	23.38 1.09 0.00	23.62 1.15 0.00	24.63 1.33 0.00	26.64 1.27 0.00	28.93 1.43 0.00	31.37 1.46 0.00	37.91 0.85 0.00	39.05 0.91 0.00	38.12 1.08 0.00	34.07 0.99 0.00	29.55 0.83 0.00	23.42 0.94 0.00	22.20 0.93 0.00
INDECK___OSWEGO 23783	12.06 -0.15 -0.66	9.14 -0.11 -0.80	8.00 -0.09 -0.84	6.69 -0.08 -0.90	8.57 -0.09 -0.80	11.52 -0.12 -0.66	16.72 -0.18 -0.36	19.46 -0.23 -0.18	21.36 -0.35 0.00	21.11 -0.32 0.00	21.28 -0.35 0.00	21.96 -0.33 0.00	22.11 -0.36 0.00	22.90 -0.40 0.00	24.89 -0.48 0.00	27.01 -0.49 0.00	29.36 -0.54 0.00	36.27 -0.78 0.00	37.38 -0.76 0.00	36.38 -0.67 0.00	32.48 -0.59 0.00	28.20 -0.52 0.00	22.09 -0.38 0.00	20.99 -0.28 0.00

INDECK___YERKES 23781	13.11 0.24 -1.31	10.23 0.19 -1.59	9.13 0.20 -1.67	7.84 0.17 -1.80	9.67 0.20 -1.59	12.50 0.20 -1.33	17.34 0.08 -0.72	19.79 -0.08 -0.35	21.65 -0.06 0.00	21.71 0.28 0.00	22.12 0.50 0.00	22.82 0.53 0.00	23.12 0.65 0.00	24.05 0.75 0.00	25.93 0.56 0.00	28.19 0.69 0.00	30.47 0.57 0.00	36.68 -0.37 0.00	37.76 -0.38 0.00	37.05 0.00 0.00	33.21 0.13 0.00	28.80 0.09 0.00	23.01 0.54 0.00	21.91 0.64 0.00
INDIAN POINT_GT_1 24139	19.86 0.47 -7.83	18.34 0.37 -9.51	17.55 0.30 -9.99	16.91 0.25 -10.80	17.70 0.31 -9.52	19.32 0.41 -7.94	21.50 0.66 -4.30	22.41 0.86 -2.03	22.80 1.09 0.00	22.44 1.01 0.00	22.70 1.06 -0.02	23.36 1.00 -0.07	23.54 1.06 -0.01	24.55 1.10 -0.15	27.18 1.27 -0.54	29.59 1.40 -0.68	32.12 1.38 -0.85	40.83 2.15 -1.63	41.50 1.98 -1.38	39.87 1.74 -1.08	35.48 1.55 -0.85	30.59 1.46 -0.41	23.53 1.06 0.00	22.14 0.87 0.00
INDIAN POINT_GT_2 23659	19.86 0.47 -7.83	18.34 0.37 -9.51	17.55 0.30 -9.99	16.91 0.25 -10.80	17.70 0.31 -9.52	19.32 0.41 -7.94	21.50 0.66 -4.30	22.41 0.86 -2.03	22.80 1.09 0.00	22.44 1.01 0.00	22.70 1.06 -0.02	23.36 1.00 -0.07	23.54 1.06 -0.01	24.55 1.10 -0.15	27.18 1.27 -0.54	29.59 1.40 -0.68	32.12 1.38 -0.85	40.83 2.15 -1.63	41.50 1.98 -1.38	39.87 1.74 -1.08	35.48 1.55 -0.85	30.59 1.46 -0.41	23.53 1.06 0.00	22.14 0.87 0.00
INDIAN POINT_GT_3 24019	19.86 0.47 -7.83	18.34 0.37 -9.51	17.55 0.30 -9.99	16.91 0.25 -10.80	17.70 0.31 -9.52	19.32 0.41 -7.94	21.50 0.66 -4.30	22.41 0.86 -2.03	22.80 1.09 0.00	22.44 1.01 0.00	22.70 1.06 -0.02	23.36 1.00 -0.07	23.54 1.06 -0.01	24.55 1.10 -0.15	27.18 1.27 -0.54	29.59 1.40 -0.68	32.12 1.38 -0.85	40.83 2.15 -1.63	41.50 1.98 -1.38	39.87 1.74 -1.08	35.48 1.55 -0.85	30.59 1.46 -0.41	23.53 1.06 0.00	22.14 0.87 0.00
INDIAN POINT___2 23530	19.75 0.47 -7.72	18.20 0.36 -9.37	17.41 0.30 -9.85	16.75 0.24 -10.64	17.56 0.30 -9.39	19.19 0.39 -7.83	21.42 0.64 -4.24	22.38 0.86 -2.00	22.80 1.09 0.00	22.44 1.01 0.00	22.68 1.04 -0.02	23.36 1.00 -0.06	23.43 0.94 -0.01	24.54 1.10 -0.15	27.17 1.27 -0.53	29.49 1.32 -0.66	32.10 1.38 -0.82	40.68 2.11 -1.59	41.39 1.95 -1.34	39.84 1.74 -1.05	35.46 1.55 -0.83	30.55 1.44 -0.40	23.55 1.08 0.00	22.14 0.87 0.00
INDIAN POINT___3 23531	19.86 0.47 -7.83	18.34 0.36 -9.51	17.56 0.30 -10.00	16.91 0.24 -10.80	17.70 0.30 -9.53	19.31 0.40 -7.94	21.48 0.65 -4.30	22.41 0.86 -2.03	22.80 1.09 0.00	22.44 1.01 0.00	22.68 1.04 -0.02	23.36 1.00 -0.07	23.54 1.06 -0.01	24.55 1.10 -0.15	27.18 1.27 -0.54	29.59 1.40 -0.68	32.09 1.35 -0.85	40.80 2.11 -1.63	41.46 1.95 -1.38	39.83 1.70 -1.08	35.48 1.55 -0.85	30.56 1.44 -0.41	23.53 1.06 0.00	22.14 0.87 0.00
INGHAM_C_115KV_TB7 356103	11.32 -0.23 0.00	8.30 -0.16 0.00	7.13 -0.13 0.00	5.77 -0.09 0.00	7.76 -0.11 0.00	10.84 -0.13 0.00	16.36 -0.18 0.00	19.28 -0.23 0.00	21.37 -0.35 0.00	21.13 -0.30 0.00	21.34 -0.28 0.00	22.18 -0.11 0.00	22.22 -0.25 0.00	23.04 -0.26 0.00	25.14 -0.23 0.00	27.26 -0.25 0.00	29.63 -0.27 0.00	36.80 -0.26 0.00	37.91 -0.23 0.00	36.71 -0.33 0.00	32.68 -0.40 0.00	28.37 -0.34 0.00	22.34 -0.13 0.00	21.12 -0.15 0.00
IP CORINTH___1 23988	22.67 0.67 -10.44	21.62 0.47 -12.68	20.99 0.41 -13.33	20.59 0.33 -14.40	21.02 0.44 -12.70	22.22 0.66 -10.59	23.28 1.01 -5.73	23.47 1.23 -2.73	23.10 1.39 0.00	22.65 1.22 0.00	22.79 1.19 0.02	23.42 1.18 0.05	23.79 1.33 0.01	24.62 1.44 0.12	26.50 1.57 0.44	28.93 1.98 0.55	31.46 2.24 0.68	38.79 3.04 1.30	40.31 3.28 1.10	39.29 3.11 0.86	35.17 2.78 0.68	30.71 2.33 0.33	24.14 1.66 0.00	22.63 1.36 0.00
IP___TICONDEROGA 23804	23.15 1.17 -10.43	21.96 0.83 -12.67	21.27 0.70 -13.31	20.81 0.56 -14.38	21.32 0.76 -12.69	22.69 1.14 -10.58	24.03 1.77 -5.73	24.41 2.17 -2.73	24.04 2.32 0.00	23.49 2.06 0.00	23.64 2.03 0.02	24.38 2.14 0.05	24.77 2.31 0.01	25.67 2.49 0.13	27.66 2.74 0.45	30.30 3.36 0.56	33.03 3.83 0.70	40.87 5.15 1.33	42.54 5.53 1.13	41.57 5.41 0.88	37.14 4.76 0.69	32.34 3.96 0.33	25.35 2.88 0.00	23.67 2.40 0.00
ISLIP_RES_REC 323679	20.43 0.96 -7.91	18.58 0.51 -9.61	17.80 0.45 -10.10	17.13 0.36 -10.91	18.11 0.61 -9.62	19.80 0.80 -8.02	21.69 0.81 -4.34	22.66 1.09 -2.06	23.17 1.45 0.00	22.78 1.35 0.00	22.83 1.19 -0.02	23.54 1.18 -0.07	23.90 1.42 -0.01	24.99 1.54 -0.16	27.98 2.05 -0.55	30.15 1.95 -0.69	33.03 2.27 -0.86	41.46 2.74 -1.66	41.99 2.44 -1.40	40.96 2.81 -1.10	36.55 2.61 -0.86	31.54 2.41 -0.42	24.38 1.91 0.00	22.99 1.72 0.00
JAMAICA__27_KV_LOAD 355505	19.89 0.43 -7.91	18.41 0.35 -9.61	17.64 0.29 -10.10	17.00 0.24 -10.90	17.78 0.29 -9.61	19.36 0.37 -8.01	21.58 0.69 -4.34	22.62 1.05 -2.05	23.08 1.37 0.00	22.67 1.24 0.00	22.81 1.17 -0.02	23.45 1.09 -0.07	23.61 1.12 -0.01	24.67 1.21 -0.16	27.29 1.37 -0.55	29.71 1.51 -0.69	32.08 1.32 -0.86	41.05 2.33 -1.66	41.68 2.14 -1.40	40.03 1.89 -1.10	35.63 1.69 -0.86	30.68 1.55 -0.42	23.66 1.19 0.00	22.18 0.91 0.00
JANIS___SOLAR 323808	14.22 0.50 -2.17	11.45 0.36 -2.63	10.32 0.29 -2.77	9.10 0.25 -2.99	10.91 0.40 -2.64	13.77 0.59 -2.20	18.66 0.93 -1.19	21.05 0.92 -0.62	22.52 0.80 0.00	22.24 0.81 0.00	22.42 0.80 0.00	23.18 0.89 0.00	23.42 0.94 0.00	24.28 0.98 0.00	26.48 1.11 0.00	28.88 1.37 0.00	31.58 1.67 0.00	39.20 2.15 0.00	40.73 2.59 0.00	39.72 2.67 0.00	35.52 2.45 0.00	30.55 1.84 0.00	23.84 1.37 0.00	22.48 1.21 0.00
JARVIS____ 23743	11.50 -0.06 0.00	8.42 -0.04 0.00	7.22 -0.04 0.00	5.83 -0.03 0.00	7.84 -0.03 0.00	10.93 -0.04 0.00	16.47 -0.07 0.00	19.42 -0.10 0.00	21.61 -0.11 0.00	21.32 -0.11 0.00	21.52 -0.11 0.00	22.18 -0.11 0.00	22.36 -0.11 0.00	23.18 -0.12 0.00	25.24 -0.13 0.00	27.40 -0.11 0.00	29.78 -0.12 0.00	36.94 -0.11 0.00	38.06 -0.08 0.00	36.94 -0.11 0.00	32.98 -0.10 0.00	28.63 -0.09 0.00	22.41 -0.07 0.00	21.18 -0.08 0.00
JENNISON___1 23625	14.87 0.57 -2.75	12.20 0.41 -3.34	11.09 0.33 -3.51	9.94 0.28 -3.79	11.67 0.46 -3.34	14.40 0.64 -2.79	19.06 1.01 -1.51	21.47 1.13 -0.83	22.84 1.13 0.00	22.70 1.26 0.00	22.86 1.23 0.00	23.73 1.43 -0.01	23.89 1.42 0.00	24.84 1.51 -0.03	27.17 1.70 -0.10	29.61 1.98 -0.13	32.39 2.33 -0.16	40.21 2.85 -0.30	41.56 3.17 -0.26	40.40 3.15 -0.20	36.04 2.81 -0.16	30.94 2.15 -0.08	24.11 1.64 0.00	22.67 1.40 0.00
JENNISON___2 23626	14.87 0.57 -2.75	12.20 0.41 -3.34	11.09 0.33 -3.51	9.94 0.28 -3.79	11.67 0.46 -3.34	14.40 0.64 -2.79	19.06 1.01 -1.51	21.47 1.13 -0.83	22.84 1.13 0.00	22.70 1.26 0.00	22.86 1.23 0.00	23.73 1.43 -0.01	23.89 1.42 0.00	24.84 1.51 -0.03	27.17 1.70 -0.10	29.61 1.98 -0.13	32.39 2.33 -0.16	40.21 2.85 -0.30	41.56 3.17 -0.26	40.40 3.15 -0.20	36.04 2.81 -0.16	30.94 2.15 -0.08	24.11 1.64 0.00	22.67 1.40 0.00

JERICO_RISE_WT_PWR 323719	10.33 -1.40 -0.17	7.64 -1.03 -0.21	6.68 -0.80 -0.22	5.43 -0.67 -0.24	7.07 -1.02 -0.21	9.78 -1.37 -0.18	14.52 -2.12 -0.10	17.24 -2.32 -0.05	19.30 -2.41 0.00	18.97 -2.46 0.00	19.37 -2.25 0.00	19.99 -2.30 0.00	19.89 -2.58 0.00	20.60 -2.70 0.00	22.58 -2.79 0.00	24.33 -3.16 0.01	26.82 -3.08 0.00	33.87 -3.19 0.00	35.47 -2.67 0.00	33.56 -3.48 0.00	29.87 -3.21 0.00	25.78 -2.93 0.00	20.18 -2.29 0.00	18.89 -2.38 0.00
KATONAH__115KV_46KV_TB4 355592	20.06 0.50 -8.01	18.58 0.39 -9.73	17.80 0.32 -10.22	17.17 0.26 -11.05	17.95 0.34 -9.74	19.55 0.45 -8.12	21.66 0.73 -4.40	22.49 0.90 -2.08	22.86 1.15 0.00	22.48 1.05 0.00	22.77 1.12 -0.02	23.43 1.07 -0.07	23.63 1.15 -0.01	24.62 1.16 -0.15	27.26 1.34 -0.55	29.71 1.51 -0.69	32.25 1.50 -0.86	41.00 2.30 -1.65	41.71 2.17 -1.40	40.10 1.96 -1.09	35.66 1.72 -0.86	30.71 1.58 -0.42	23.60 1.12 0.00	22.20 0.94 0.00
KCE_NY_1 323755	22.51 0.54 -10.41	21.49 0.39 -12.64	20.88 0.33 -13.29	20.49 0.27 -14.36	20.90 0.36 -12.66	22.06 0.53 -10.56	23.05 0.79 -5.71	23.17 0.94 -2.72	22.80 1.09 0.00	22.37 0.94 0.00	22.51 0.91 0.02	23.17 0.94 0.06	23.45 0.99 0.01	24.27 1.10 0.13	26.10 1.19 0.46	28.36 1.43 0.58	30.83 1.64 0.71	37.94 2.26 1.38	39.42 2.44 1.17	38.43 2.30 0.91	34.41 2.05 0.72	30.12 1.75 0.35	23.75 1.28 0.00	22.33 1.06 0.00
KCE_NY_6_ESR 323823	13.17 0.23 -1.39	10.31 0.17 -1.69	9.20 0.17 -1.77	7.93 0.15 -1.91	9.73 0.17 -1.69	12.57 0.19 -1.41	17.47 0.17 -0.76	19.95 0.06 -0.37	21.91 0.19 0.00	22.01 0.58 0.00	22.40 0.78 0.00	23.14 0.85 0.00	23.42 0.94 0.00	24.37 1.07 0.00	26.31 0.94 0.00	28.58 1.07 0.00	30.92 1.02 0.00	37.28 0.22 0.00	38.37 0.23 0.00	37.60 0.56 0.00	33.64 0.56 0.00	29.14 0.43 0.00	23.24 0.76 0.00	22.08 0.81 0.00
KEDC_PORT_JEFF_GT2 24210	20.38 0.91 -7.91	18.54 0.47 -9.61	17.78 0.42 -10.10	17.11 0.34 -10.91	18.08 0.58 -9.62	19.75 0.76 -8.02	21.63 0.74 -4.34	22.58 1.01 -2.06	23.04 1.32 0.00	22.65 1.22 0.00	22.75 1.10 -0.02	23.45 1.09 -0.07	23.77 1.28 -0.01	24.85 1.40 -0.16	27.80 1.88 -0.55	29.96 1.76 -0.69	32.80 2.03 -0.86	40.94 2.22 -1.66	41.49 1.94 -1.40	40.70 2.55 -1.10	36.32 2.38 -0.86	31.34 2.21 -0.42	24.27 1.80 0.00	22.88 1.62 0.00
KEDC_PORT_JEFF_GT3 24211	20.38 0.91 -7.91	18.54 0.47 -9.61	17.78 0.42 -10.10	17.11 0.34 -10.91	18.08 0.58 -9.62	19.75 0.76 -8.02	21.63 0.74 -4.34	22.58 1.01 -2.06	23.04 1.32 0.00	22.65 1.22 0.00	22.75 1.10 -0.02	23.45 1.09 -0.07	23.77 1.28 -0.01	24.85 1.40 -0.16	27.80 1.88 -0.55	29.96 1.76 -0.69	32.80 2.03 -0.86	40.94 2.22 -1.66	41.49 1.94 -1.40	40.70 2.55 -1.10	36.32 2.38 -0.86	31.34 2.21 -0.42	24.27 1.80 0.00	22.88 1.62 0.00
KEDC_GLWD_GT4 24219	20.15 0.68 -7.91	18.53 0.46 -9.61	17.74 0.38 -10.10	17.08 0.31 -10.91	17.93 0.43 -9.62	19.57 0.57 -8.02	21.69 0.81 -4.34	22.64 1.07 -2.06	23.04 1.32 0.00	22.65 1.22 0.00	22.92 1.28 -0.02	23.60 1.25 -0.07	23.74 1.26 -0.01	24.90 1.45 -0.16	27.70 1.78 -0.55	29.96 1.76 -0.69	32.65 1.88 -0.86	41.01 2.30 -1.66	41.64 2.10 -1.40	40.26 2.11 -1.10	36.12 2.18 -0.86	31.14 2.01 -0.42	24.02 1.55 0.00	22.59 1.32 0.00
KEDC_GLWD_GT5 24220	20.15 0.68 -7.91	18.53 0.46 -9.61	17.74 0.38 -10.10	17.08 0.31 -10.91	17.93 0.43 -9.62	19.57 0.57 -8.02	21.69 0.81 -4.34	22.64 1.07 -2.06	23.04 1.32 0.00	22.65 1.22 0.00	22.92 1.28 -0.02	23.60 1.25 -0.07	23.74 1.26 -0.01	24.90 1.45 -0.16	27.70 1.78 -0.55	29.96 1.76 -0.69	32.65 1.88 -0.86	41.01 2.30 -1.66	41.64 2.10 -1.40	40.26 2.11 -1.10	36.12 2.18 -0.86	31.14 2.01 -0.42	24.02 1.55 0.00	22.59 1.32 0.00
KENSICO____ 23655	19.95 0.50 -7.89	18.44 0.39 -9.59	17.65 0.32 -10.08	17.01 0.26 -10.89	17.80 0.32 -9.60	19.41 0.43 -8.00	21.57 0.69 -4.33	22.48 0.92 -2.05	22.86 1.15 0.00	22.50 1.07 0.00	22.77 1.12 -0.02	23.43 1.07 -0.07	23.61 1.12 -0.01	24.62 1.16 -0.15	27.26 1.34 -0.55	29.68 1.49 -0.69	32.19 1.44 -0.86	40.93 2.22 -1.65	41.60 2.06 -1.40	39.99 1.85 -1.09	35.59 1.65 -0.86	30.65 1.52 -0.42	23.57 1.10 0.00	22.20 0.94 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.37 0.42 -7.40	17.78 0.33 -8.99	16.95 0.25 -9.45	16.27 0.20 -10.21	17.10 0.22 -9.00	18.80 0.32 -7.51	21.23 0.63 -4.06	22.48 1.07 -1.90	22.95 1.24 0.00	22.57 1.14 0.00	22.83 1.19 -0.01	23.56 1.23 -0.04	23.67 1.19 -0.01	24.65 1.26 -0.10	27.18 1.47 -0.34	29.56 1.62 -0.43	32.02 1.58 -0.53	40.53 2.45 -1.03	41.26 2.25 -0.87	39.73 2.00 -0.68	35.46 1.85 -0.53	30.64 1.67 -0.26	23.87 1.39 0.00	22.29 1.02 0.00
KIAC_JFK_GT1 23816	19.83 0.37 -7.91	18.37 0.30 -9.61	17.61 0.25 -10.10	16.97 0.21 -10.90	17.74 0.25 -9.61	19.29 0.31 -8.01	21.49 0.61 -4.34	22.53 0.96 -2.05	22.97 1.26 0.00	22.57 1.14 0.00	22.71 1.06 -0.02	23.32 0.96 -0.07	23.52 1.03 -0.01	24.55 1.10 -0.16	27.17 1.24 -0.55	29.55 1.35 -0.69	31.84 1.08 -0.86	40.71 2.00 -1.66	41.33 1.79 -1.40	39.70 1.56 -1.10	35.33 1.39 -0.86	30.42 1.29 -0.42	23.53 1.06 0.00	22.08 0.81 0.00
KIAC_JFK_GT2 23817	19.83 0.37 -7.91	18.37 0.30 -9.61	17.61 0.25 -10.10	16.97 0.21 -10.90	17.74 0.25 -9.61	19.29 0.31 -8.01	21.49 0.61 -4.34	22.53 0.96 -2.05	22.97 1.26 0.00	22.57 1.14 0.00	22.71 1.06 -0.02	23.32 0.96 -0.07	23.52 1.03 -0.01	24.55 1.10 -0.16	27.17 1.24 -0.55	29.55 1.35 -0.69	31.84 1.08 -0.86	40.71 2.00 -1.66	41.33 1.79 -1.40	39.70 1.56 -1.10	35.33 1.39 -0.86	30.42 1.29 -0.42	23.53 1.06 0.00	22.08 0.81 0.00
KIAC_JFK____ 323774	19.83 0.37 -7.91	18.37 0.30 -9.61	17.61 0.25 -10.10	16.97 0.21 -10.90	17.74 0.25 -9.61	19.29 0.31 -8.01	21.49 0.61 -4.34	22.53 0.96 -2.05	22.97 1.26 0.00	22.57 1.14 0.00	22.64 1.00 -0.02	23.31 0.96 -0.07	23.39 0.90 -0.01	24.53 1.07 -0.16	27.16 1.24 -0.55	29.27 1.07 -0.69	31.84 1.07 -0.86	40.64 1.93 -1.66	41.30 1.76 -1.40	39.70 1.56 -1.10	35.33 1.39 -0.86	30.42 1.29 -0.42	23.55 1.08 0.00	22.08 0.81 0.00
KINTIGH____ 23543	12.87 0.17 -1.14	9.98 0.13 -1.39	8.86 0.15 -1.46	7.57 0.12 -1.58	9.40 0.13 -1.39	12.26 0.12 -1.16	17.18 0.02 -0.63	19.68 -0.14 -0.30	21.41 -0.30 0.00	21.43 0.00 0.00	21.64 0.02 0.00	22.42 0.13 0.00	22.67 0.20 0.00	23.58 0.28 0.00	25.52 0.15 0.00	27.42 -0.08 0.00	29.93 0.03 0.00	35.91 -1.15 0.00	37.07 -1.07 0.00	36.53 -0.52 0.00	32.81 -0.26 0.00	28.43 -0.29 0.00	22.58 0.11 0.00	21.52 0.26 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	10.51 -1.21 -0.17	7.77 -0.90 -0.21	6.78 -0.69 -0.22	5.51 -0.59 -0.23	7.18 -0.90 -0.21	9.95 -1.20 -0.17	14.81 -1.82 -0.09	17.59 -1.97 -0.04	19.72 -2.00 0.00	19.35 -2.08 0.00	19.85 -1.77 0.00	20.44 -1.85 0.00	20.31 -2.16 0.00	21.02 -2.28 0.00	23.04 -2.33 0.00	24.86 -2.64 0.01	27.39 -2.51 0.00	34.68 -2.37 0.00	36.35 -1.79 0.00	34.30 -2.74 0.00	30.49 -2.58 0.00	26.30 -2.41 0.00	20.61 -1.87 0.00	19.27 -2.00 0.00

LACHUTE___HYDRO 323717	23.15 1.17 -10.43	21.96 0.83 -12.67	21.27 0.70 -13.31	20.81 0.56 -14.38	21.32 0.76 -12.69	22.69 1.14 -10.58	24.03 1.77 -5.73	24.41 2.17 -2.73	24.04 2.32 0.00	23.49 2.06 0.00	23.59 1.99 0.02	24.38 2.14 0.05	24.73 2.27 0.01	25.67 2.49 0.13	27.66 2.74 0.45	30.27 3.33 0.56	33.03 3.83 0.70	40.83 5.12 1.34	42.61 5.61 1.14	41.57 5.41 0.89	37.17 4.79 0.70	32.34 3.96 0.34	25.35 2.88 0.00	23.67 2.40 0.00
LAWRNCV_115KV_TB1 80681	10.38 -1.39 -0.21	7.69 -1.03 -0.26	6.72 -0.81 -0.27	5.48 -0.67 -0.30	7.15 -0.98 -0.26	9.86 -1.33 -0.22	14.61 -2.05 -0.12	17.04 -2.54 -0.06	18.96 -2.76 0.00	18.49 -2.94 0.00	18.70 -2.92 0.00	19.24 -3.05 0.00	19.08 -3.39 0.00	19.67 -3.63 0.00	21.59 -3.78 0.00	23.37 -4.13 0.01	25.69 -4.22 0.00	32.53 -4.52 0.00	34.51 -3.62 0.00	32.67 -4.37 0.00	29.27 -3.80 0.00	25.50 -3.22 0.00	20.09 -2.38 0.00	18.82 -2.45 0.00
LEDERLE___ 23769	19.66 0.51 -7.60	18.08 0.39 -9.23	17.28 0.32 -9.70	16.60 0.26 -10.48	17.43 0.31 -9.25	19.11 0.43 -7.71	21.42 0.71 -4.17	22.42 0.94 -1.97	22.89 1.17 0.00	22.52 1.09 0.00	22.79 1.15 -0.02	23.49 1.14 -0.06	23.65 1.17 -0.01	24.66 1.21 -0.14	27.28 1.40 -0.51	29.69 1.54 -0.65	32.20 1.50 -0.80	40.89 2.30 -1.54	41.54 2.10 -1.31	39.92 1.85 -1.02	35.56 1.69 -0.80	30.65 1.55 -0.39	23.64 1.17 0.00	22.20 0.94 0.00
LIGHTHSE_115KV_TB6 355974	12.10 -0.07 -0.61	9.14 -0.06 -0.74	7.99 -0.05 -0.78	6.67 -0.04 -0.85	8.59 -0.02 -0.75	11.57 -0.02 -0.62	16.86 -0.02 -0.34	19.56 -0.12 -0.16	21.50 -0.22 0.00	21.26 -0.17 0.00	21.39 -0.24 0.00	22.11 -0.18 0.00	22.20 -0.27 0.00	23.02 -0.28 0.00	25.12 -0.25 0.00	27.23 -0.28 0.00	29.69 -0.21 0.00	36.61 -0.44 0.00	37.87 -0.27 0.00	36.86 -0.19 0.00	32.91 -0.17 0.00	28.57 -0.14 0.00	22.36 -0.11 0.00	21.16 -0.11 0.00
LINDEN COGEN___ 23786	19.95 0.49 -7.91	18.47 0.41 -9.61	17.69 0.34 -10.10	17.03 0.26 -10.91	17.79 0.30 -9.62	19.39 0.39 -8.02	21.51 0.63 -4.34	22.47 0.90 -2.05	22.84 1.13 0.00	22.46 1.03 0.00	22.71 1.06 -0.02	23.40 1.05 -0.07	23.43 0.94 -0.01	24.55 1.10 -0.16	27.22 1.29 -0.55	29.47 1.27 -0.69	32.05 1.28 -0.86	40.79 2.07 -1.66	41.45 1.91 -1.40	39.89 1.74 -1.10	35.49 1.55 -0.86	30.56 1.44 -0.42	23.60 1.12 0.00	22.20 0.93 0.00
LINDHRST_69_KV_BK1 356055	20.26 0.80 -7.91	18.58 0.52 -9.61	17.79 0.44 -10.10	17.13 0.35 -10.91	18.05 0.55 -9.62	19.74 0.75 -8.02	21.76 0.88 -4.34	22.74 1.17 -2.06	23.17 1.45 0.00	22.78 1.35 0.00	23.16 1.51 -0.02	23.69 1.34 -0.07	24.19 1.71 -0.01	25.06 1.61 -0.16	28.00 2.08 -0.55	30.32 2.12 -0.70	32.86 2.09 -0.86	41.90 3.19 -1.66	42.40 2.86 -1.40	40.85 2.70 -1.10	36.49 2.55 -0.86	31.46 2.33 -0.42	24.25 1.78 0.00	22.95 1.68 0.00
LIPA_MISC_IPP 23656	20.19 0.73 -7.91	18.48 0.41 -9.61	17.74 0.38 -10.10	17.09 0.31 -10.91	18.07 0.57 -9.62	19.73 0.74 -8.02	21.49 0.61 -4.34	22.41 0.84 -2.06	22.80 1.09 0.00	22.40 0.96 0.00	22.77 1.12 -0.02	23.29 0.94 -0.07	23.97 1.48 -0.01	24.64 1.19 -0.16	27.60 1.67 -0.55	29.91 1.71 -0.70	32.41 1.64 -0.86	41.38 2.67 -1.66	41.79 2.25 -1.40	40.26 2.11 -1.10	35.89 1.95 -0.86	30.94 1.81 -0.42	23.82 1.35 0.00	22.74 1.47 0.00
LISF___SOLAR 323691	20.37 0.90 -7.91	18.49 0.42 -9.61	17.75 0.39 -10.10	17.09 0.32 -10.91	18.08 0.58 -9.62	19.75 0.76 -8.02	21.51 0.63 -4.34	22.43 0.86 -2.06	22.78 1.06 0.00	22.37 0.94 0.00	22.53 0.89 -0.02	23.25 0.89 -0.07	23.54 1.06 -0.01	24.57 1.12 -0.16	27.52 1.60 -0.55	29.68 1.48 -0.69	32.50 1.73 -0.86	40.83 2.11 -1.66	41.34 1.79 -1.40	40.26 2.11 -1.10	35.96 2.02 -0.86	31.05 1.92 -0.42	24.09 1.62 0.00	22.76 1.49 0.00
LITTLE FALLS___HYD 24013	11.32 -0.23 0.00	8.30 -0.16 0.00	7.13 -0.13 0.00	5.77 -0.09 0.00	7.76 -0.11 0.00	10.84 -0.13 0.00	16.36 -0.18 0.00	19.28 -0.23 0.00	21.37 -0.35 0.00	21.13 -0.30 0.00	21.34 -0.28 0.00	22.18 -0.11 0.00	22.22 -0.25 0.00	23.04 -0.26 0.00	25.14 -0.23 0.00	27.26 -0.25 0.00	29.63 -0.27 0.00	36.80 -0.26 0.00	37.91 -0.23 0.00	36.71 -0.33 0.00	32.68 -0.40 0.00	28.37 -0.34 0.00	22.34 -0.13 0.00	21.12 -0.15 0.00
LITTLRIV_115KV_TB1 356100	10.44 -1.33 -0.22	7.73 -0.99 -0.27	6.77 -0.77 -0.28	5.53 -0.64 -0.30	7.22 -0.92 -0.27	9.96 -1.24 -0.22	14.76 -1.90 -0.12	17.16 -2.42 -0.06	19.04 -2.67 0.00	18.60 -2.83 0.00	18.79 -2.83 0.00	19.37 -2.92 0.00	19.19 -3.28 0.00	19.78 -3.52 0.00	21.72 -3.65 0.00	23.50 -3.99 0.01	25.89 -4.01 0.00	32.79 -4.26 0.00	34.90 -3.24 0.00	33.01 -4.04 0.00	29.60 -3.47 0.00	25.73 -2.99 0.00	20.27 -2.20 0.00	18.95 -2.32 0.00
LI_NEWBRDGE___DRP 323616	20.09 0.62 -7.91	18.48 0.41 -9.61	17.70 0.35 -10.10	17.05 0.28 -10.91	17.93 0.43 -9.62	19.57 0.57 -8.02	21.58 0.69 -4.34	22.51 0.94 -2.06	22.89 1.17 0.00	22.50 1.07 0.00	22.86 1.21 -0.02	23.45 1.09 -0.07	23.88 1.39 -0.01	24.78 1.33 -0.16	27.65 1.73 -0.55	29.93 1.73 -0.70	32.38 1.61 -0.86	41.27 2.56 -1.66	41.79 2.25 -1.40	40.22 2.07 -1.10	35.89 1.95 -0.86	30.94 1.81 -0.42	23.91 1.44 0.00	22.61 1.34 0.00
LOCKPORT_115KV_TB60_63_64 80432	12.95 0.14 -1.26	10.09 0.10 -1.53	8.99 0.12 -1.61	7.71 0.11 -1.74	9.52 0.12 -1.53	12.34 0.09 -1.28	17.18 -0.05 -0.69	19.62 -0.23 -0.34	21.37 -0.35 0.00	21.45 0.02 0.00	21.69 0.06 0.00	22.51 0.22 0.00	22.79 0.31 0.00	23.72 0.42 0.00	25.60 0.23 0.00	27.51 0.00 0.00	30.08 0.18 0.00	35.87 -1.19 0.00	37.07 -1.07 0.00	36.64 -0.41 0.00	32.88 -0.20 0.00	28.45 -0.26 0.00	22.72 0.25 0.00	21.67 0.40 0.00
LOCKPORT___CC1 323769	12.96 0.14 -1.27	10.11 0.11 -1.54	9.01 0.13 -1.62	7.73 0.12 -1.75	9.54 0.13 -1.54	12.36 0.10 -1.28	17.20 -0.03 -0.70	19.62 -0.23 -0.34	21.43 -0.28 0.00	21.50 0.06 0.00	21.86 0.24 0.00	22.56 0.27 0.00	22.85 0.38 0.00	23.74 0.44 0.00	25.62 0.25 0.00	27.84 0.33 0.00	30.08 0.18 0.00	36.20 -0.85 0.00	37.22 -0.92 0.00	36.64 -0.41 0.00	32.81 -0.27 0.00	28.48 -0.23 0.00	22.74 0.27 0.00	21.67 0.40 0.00
LOCKPORT___CC2 323770	12.96 0.14 -1.27	10.11 0.11 -1.54	9.01 0.13 -1.62	7.73 0.12 -1.75	9.54 0.13 -1.54	12.36 0.10 -1.28	17.20 -0.03 -0.70	19.62 -0.23 -0.34	21.43 -0.28 0.00	21.50 0.06 0.00	21.86 0.24 0.00	22.56 0.27 0.00	22.85 0.38 0.00	23.74 0.44 0.00	25.62 0.25 0.00	27.84 0.33 0.00	30.08 0.18 0.00	36.20 -0.85 0.00	37.22 -0.92 0.00	36.64 -0.41 0.00	32.81 -0.27 0.00	28.48 -0.23 0.00	22.74 0.27 0.00	21.67 0.40 0.00
LOCKPORT___CC3 323771	12.96 0.14 -1.27	10.11 0.11 -1.54	9.01 0.13 -1.62	7.73 0.12 -1.75	9.54 0.13 -1.54	12.36 0.10 -1.28	17.20 -0.03 -0.70	19.62 -0.23 -0.34	21.43 -0.28 0.00	21.50 0.06 0.00	21.86 0.24 0.00	22.56 0.27 0.00	22.85 0.38 0.00	23.74 0.44 0.00	25.62 0.25 0.00	27.84 0.33 0.00	30.08 0.18 0.00	36.20 -0.85 0.00	37.22 -0.92 0.00	36.64 -0.41 0.00	32.81 -0.27 0.00	28.48 -0.23 0.00	22.74 0.27 0.00	21.67 0.40 0.00

LONG_LAKE_PHOENIX 24014	12.17 -0.06 -0.68	9.24 -0.04 -0.82	8.08 -0.04 -0.86	6.76 -0.04 -0.93	8.66 -0.03 -0.82	11.63 -0.03 -0.69	16.86 -0.05 -0.37	19.64 -0.06 -0.18	21.58 -0.13 0.00	21.35 -0.09 0.00	21.49 -0.13 0.00	22.25 -0.04 0.00	22.36 -0.11 0.00	23.21 -0.09 0.00	25.24 -0.13 0.00	27.34 -0.17 0.00	29.75 -0.15 0.00	36.61 -0.44 0.00	37.76 -0.38 0.00	36.75 -0.30 0.00	32.81 -0.26 0.00	28.45 -0.26 0.00	22.29 -0.18 0.00	21.18 -0.09 0.00
LOVETT___3 23632	19.65 0.46 -7.64	18.10 0.36 -9.27	17.30 0.30 -9.74	16.63 0.24 -10.53	17.45 0.29 -9.29	19.11 0.40 -7.74	21.38 0.65 -4.19	22.36 0.86 -1.98	22.78 1.06 0.00	22.44 1.01 0.00	22.68 1.04 -0.02	23.36 1.00 -0.06	23.54 1.06 -0.01	24.54 1.10 -0.15	27.16 1.27 -0.52	29.56 1.40 -0.65	32.05 1.35 -0.81	40.72 2.11 -1.56	41.36 1.91 -1.32	39.78 1.70 -1.03	35.41 1.52 -0.81	30.54 1.44 -0.39	23.53 1.06 0.00	22.14 0.87 0.00
LOVETT___4 23642	19.65 0.46 -7.64	18.10 0.36 -9.27	17.30 0.30 -9.74	16.63 0.24 -10.53	17.45 0.29 -9.29	19.11 0.40 -7.74	21.38 0.65 -4.19	22.36 0.86 -1.98	22.78 1.06 0.00	22.44 1.01 0.00	22.68 1.04 -0.02	23.36 1.00 -0.06	23.54 1.06 -0.01	24.54 1.10 -0.15	27.16 1.27 -0.52	29.56 1.40 -0.65	32.05 1.35 -0.81	40.72 2.11 -1.56	41.36 1.91 -1.32	39.78 1.70 -1.03	35.41 1.52 -0.81	30.54 1.44 -0.39	23.53 1.06 0.00	22.14 0.87 0.00
LOVETT___5 23593	19.65 0.46 -7.64	18.10 0.36 -9.27	17.30 0.30 -9.74	16.63 0.24 -10.53	17.45 0.29 -9.29	19.11 0.40 -7.74	21.38 0.65 -4.19	22.36 0.86 -1.98	22.78 1.06 0.00	22.44 1.01 0.00	22.68 1.04 -0.02	23.36 1.00 -0.06	23.54 1.06 -0.01	24.54 1.10 -0.15	27.16 1.27 -0.52	29.56 1.40 -0.65	32.05 1.35 -0.81	40.72 2.11 -1.56	41.36 1.91 -1.32	39.78 1.70 -1.03	35.41 1.52 -0.81	30.54 1.44 -0.39	23.53 1.06 0.00	22.14 0.87 0.00
LOWER_RAQUET___HYD 24057	10.40 -1.38 -0.22	7.71 -1.02 -0.27	6.74 -0.81 -0.29	5.50 -0.67 -0.31	7.18 -0.97 -0.27	9.89 -1.31 -0.23	14.66 -2.00 -0.12	17.02 -2.56 -0.06	18.89 -2.82 0.00	18.43 -3.00 0.00	18.55 -3.07 0.00	19.06 -3.23 0.00	18.92 -3.55 0.00	19.46 -3.84 0.00	21.39 -3.98 0.00	23.09 -4.40 0.01	25.48 -4.43 0.00	32.24 -4.82 0.00	34.40 -3.74 0.00	32.60 -4.45 0.00	29.27 -3.80 0.00	25.52 -3.19 0.00	20.13 -2.34 0.00	18.84 -2.43 0.00
LOWER___HUDSON 24059	22.10 0.34 -10.21	21.10 0.24 -12.41	20.50 0.21 -13.04	20.12 0.17 -14.09	20.53 0.24 -12.43	21.66 0.33 -10.36	22.63 0.48 -5.61	22.73 0.55 -2.67	22.34 0.63 0.00	21.94 0.51 0.00	22.10 0.50 0.02	22.73 0.51 0.07	23.00 0.54 0.01	23.75 0.60 0.16	25.44 0.63 0.56	27.54 0.74 0.71	29.89 0.87 0.88	36.62 1.26 1.69	38.04 1.33 1.43	37.19 1.26 1.12	33.32 1.13 0.88	29.29 1.00 0.43	23.21 0.74 0.00	21.91 0.64 0.00
LOWVILLE_115KV_TB2 356335	11.74 -0.15 -0.34	8.75 -0.12 -0.41	7.59 -0.10 -0.43	6.26 -0.08 -0.47	8.23 -0.06 -0.41	11.26 -0.05 -0.34	16.66 -0.07 -0.19	19.33 -0.27 -0.09	21.24 -0.48 0.00	20.94 -0.49 0.00	21.04 -0.58 0.00	21.80 -0.49 0.00	21.80 -0.67 0.00	22.58 -0.72 0.00	24.71 -0.66 0.00	26.88 -0.63 -0.01	29.45 -0.45 0.00	36.72 -0.33 0.00	38.29 0.15 0.00	37.05 0.00 0.00	33.14 0.07 0.00	28.60 -0.11 0.00	22.45 -0.02 0.00	21.10 -0.17 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	22.51 0.54 -10.41	21.48 0.38 -12.64	20.87 0.33 -13.29	20.49 0.27 -14.36	20.90 0.36 -12.66	22.06 0.53 -10.56	23.05 0.79 -5.72	23.17 0.94 -2.72	22.80 1.09 0.00	22.35 0.92 0.00	22.53 0.93 0.02	23.15 0.91 0.06	23.49 1.03 0.01	24.27 1.10 0.13	26.10 1.19 0.46	28.39 1.46 0.58	30.80 1.61 0.71	37.95 2.26 1.37	39.38 2.40 1.16	38.40 2.26 0.90	34.38 2.02 0.71	30.09 1.72 0.34	23.75 1.28 0.00	22.33 1.06 0.00
LUTHERNY_35_KV_BK2 355980	22.51 0.54 -10.41	21.49 0.39 -12.64	20.88 0.33 -13.29	20.49 0.27 -14.36	20.90 0.36 -12.66	22.06 0.53 -10.56	23.05 0.79 -5.72	23.17 0.94 -2.72	22.80 1.09 0.00	22.37 0.94 0.00	22.56 0.95 0.02	23.17 0.94 0.06	23.49 1.03 0.01	24.29 1.12 0.13	26.10 1.19 0.46	28.39 1.46 0.58	30.83 1.64 0.71	37.99 2.30 1.37	39.42 2.44 1.16	38.44 2.30 0.90	34.41 2.05 0.71	30.12 1.75 0.34	23.75 1.28 0.00	22.33 1.06 0.00
LWR___OSWEGATCHIE_HYD 23850	11.05 -0.80 -0.29	8.22 -0.59 -0.36	7.16 -0.47 -0.38	5.88 -0.39 -0.41	7.70 -0.53 -0.36	10.57 -0.70 -0.30	15.63 -1.08 -0.16	18.13 -1.46 -0.08	20.00 -1.72 0.00	19.57 -1.86 0.00	19.68 -1.95 0.00	20.33 -1.96 0.00	20.22 -2.25 0.00	20.90 -2.40 0.00	22.91 -2.46 0.00	24.88 -2.64 -0.01	27.30 -2.60 0.00	34.31 -2.74 0.00	36.19 -1.95 0.00	34.68 -2.37 0.00	31.06 -2.02 0.00	26.96 -1.75 0.00	21.24 -1.24 0.00	19.91 -1.36 0.00
LYONS_FALL_HYD 23570	11.84 -0.03 -0.32	8.81 -0.03 -0.38	7.63 -0.03 -0.40	6.28 -0.02 -0.44	8.28 0.02 -0.39	11.33 0.03 -0.32	16.80 0.08 -0.17	19.54 -0.06 -0.09	21.50 -0.22 0.00	21.24 -0.19 0.00	21.49 -0.13 0.00	22.16 -0.13 0.00	22.20 -0.27 0.00	23.00 -0.30 0.00	25.12 -0.25 0.00	27.32 -0.19 0.00	29.87 -0.03 0.00	37.17 0.11 0.00	38.60 0.46 0.00	37.38 0.33 0.00	33.41 0.33 0.00	28.83 0.12 0.00	22.63 0.16 0.00	21.29 0.02 0.00
MADISON___COUNTY_LFGE 323628	12.28 0.22 -0.50	9.22 0.15 -0.61	8.02 0.12 -0.64	6.66 0.11 -0.70	8.67 0.19 -0.61	11.75 0.26 -0.51	17.25 0.43 -0.28	20.06 0.41 -0.14	22.02 0.30 0.00	21.82 0.39 0.00	21.99 0.37 0.00	22.82 0.53 0.00	22.92 0.45 0.00	23.77 0.47 0.00	25.95 0.58 0.00	28.17 0.66 0.00	30.74 0.84 0.00	38.06 1.00 0.00	39.32 1.18 0.00	38.16 1.11 0.00	34.07 0.99 0.00	29.40 0.69 0.00	23.03 0.56 0.00	21.74 0.47 0.00
MALONE___115KV_TB1 356076	10.45 -1.29 -0.19	7.73 -0.96 -0.23	6.75 -0.74 -0.24	5.49 -0.63 -0.26	7.15 -0.94 -0.23	9.90 -1.26 -0.19	14.72 -1.92 -0.10	17.40 -2.17 -0.05	19.46 -2.26 0.00	19.05 -2.38 0.00	19.46 -2.16 0.00	20.06 -2.23 0.00	19.89 -2.58 0.00	20.57 -2.73 0.00	22.58 -2.79 0.00	24.36 -3.14 0.01	26.82 -3.08 0.00	33.94 -3.11 0.00	35.77 -2.36 0.00	33.75 -3.30 0.00	30.06 -3.01 0.00	26.01 -2.70 0.00	20.40 -2.07 0.00	19.10 -2.17 0.00
MAPLEWOD_115KV_TB3 80458	22.05 0.31 -10.19	21.05 0.22 -12.37	20.45 0.20 -13.00	20.07 0.16 -14.05	20.47 0.21 -12.39	21.61 0.31 -10.33	22.58 0.45 -5.59	22.70 0.53 -2.66	22.34 0.63 0.00	21.92 0.49 0.00	22.12 0.52 0.02	22.77 0.53 0.05	23.07 0.61 0.01	23.80 0.63 0.13	25.61 0.68 0.45	27.80 0.85 0.56	30.16 0.96 0.70	37.20 1.48 1.34	38.53 1.53 1.13	37.60 1.44 0.89	33.63 1.26 0.70	29.44 1.06 0.34	23.26 0.79 0.00	21.89 0.62 0.00
MAPLE_RIDGE_WT_1 323574	10.77 -0.79 0.00	7.85 -0.61 0.00	6.76 -0.49 0.00	5.46 -0.40 0.00	7.30 -0.57 0.00	10.20 -0.78 0.00	15.37 -1.17 0.00	18.25 -1.27 0.00	20.41 -1.30 0.00	20.17 -1.26 0.00	20.48 -1.15 0.00	21.15 -1.14 0.00	21.24 -1.24 0.00	22.02 -1.28 0.00	24.05 -1.32 0.00	26.04 -1.46 0.00	28.44 -1.46 0.00	35.46 -1.59 0.00	36.69 -1.45 0.00	35.31 -1.74 0.00	31.45 -1.62 0.00	27.19 -1.52 0.00	21.26 -1.21 0.00	19.97 -1.30 0.00

MAPLE RIDGE_WT_2 323611	10.77 -0.79 0.00	7.85 -0.61 0.00	6.76 -0.49 0.00	5.46 -0.40 0.00	7.30 -0.57 0.00	10.20 -0.78 0.00	15.37 -1.17 0.00	18.25 -1.27 0.00	20.41 -1.30 0.00	20.17 -1.26 0.00	20.48 -1.15 0.00	21.15 -1.14 0.00	21.24 -1.24 0.00	22.02 -1.28 0.00	24.05 -1.32 0.00	26.04 -1.46 0.00	28.44 -1.46 0.00	35.46 -1.59 0.00	36.69 -1.45 0.00	35.31 -1.74 0.00	31.45 -1.62 0.00	27.19 -1.52 0.00	21.26 -1.21 0.00	19.97 -1.30 0.00
MARBLE RIVER_WT_PWR 323696	10.37 -1.35 -0.17	7.67 -1.00 -0.20	6.70 -0.78 -0.22	5.44 -0.66 -0.23	7.09 -0.98 -0.21	9.82 -1.33 -0.17	14.58 -2.05 -0.09	17.33 -2.23 -0.04	19.41 -2.30 0.00	19.07 -2.36 0.00	19.48 -2.14 0.00	20.11 -2.18 0.00	20.02 -2.45 0.00	20.71 -2.59 0.00	22.71 -2.66 0.00	24.50 -3.00 0.01	26.97 -2.93 0.00	34.05 -3.00 0.00	35.62 -2.52 0.00	33.71 -3.33 0.00	30.00 -3.07 0.00	25.90 -2.81 0.00	20.29 -2.18 0.00	18.99 -2.28 0.00
MARSHVLE_115KV_TB1 80742	24.78 0.79 -12.44	24.14 0.57 -15.11	23.62 0.48 -15.88	23.41 0.39 -17.16	23.54 0.54 -15.14	24.38 0.79 -12.62	24.64 1.27 -6.83	24.22 1.44 -3.27	23.28 1.56 0.00	22.85 1.41 0.00	23.02 1.41 0.01	23.73 1.47 0.03	23.99 1.53 0.01	24.85 1.63 0.08	26.92 1.83 0.28	29.16 2.01 0.35	31.80 2.33 0.43	39.46 3.22 0.82	41.03 3.58 0.69	40.02 3.52 0.54	35.79 3.14 0.43	31.21 2.70 0.21	24.41 1.93 0.00	22.89 1.62 0.00
MARSH_HILL_WT_PWR 323713	13.67 0.43 -1.69	10.81 0.30 -2.05	9.66 0.25 -2.16	8.39 0.20 -2.33	10.20 0.27 -2.06	13.07 0.38 -1.71	18.05 0.58 -0.93	20.58 0.61 -0.46	22.41 0.69 0.00	22.44 1.01 0.00	22.83 1.21 0.00	23.63 1.34 0.00	23.82 1.35 0.00	24.79 1.49 0.00	26.87 1.50 0.00	29.18 1.68 0.00	31.58 1.67 0.00	38.43 1.37 0.00	39.66 1.53 0.00	38.72 1.67 0.00	34.60 1.52 0.00	29.89 1.18 0.00	23.64 1.17 0.00	22.37 1.11 0.00
MCINTYRE_115KV_TB2 80467	10.44 -1.33 -0.21	7.73 -0.99 -0.26	6.76 -0.77 -0.27	5.52 -0.64 -0.29	7.21 -0.92 -0.26	9.95 -1.24 -0.21	14.74 -1.92 -0.12	17.17 -2.40 -0.06	19.11 -2.61 0.00	18.69 -2.74 0.00	18.99 -2.64 0.00	19.57 -2.72 0.00	19.42 -3.06 0.00	20.04 -3.26 0.00	22.00 -3.37 0.00	23.81 -3.69 0.01	26.22 -3.68 0.00	33.24 -3.82 0.00	35.20 -2.94 0.00	33.30 -3.74 0.00	29.80 -3.27 0.00	25.78 -2.93 0.00	20.25 -2.22 0.00	18.93 -2.34 0.00
MECO____69_KV_BK1 80468	24.46 1.09 -11.82	23.59 0.78 -14.36	23.00 0.65 -15.09	22.69 0.53 -16.30	22.98 0.72 -14.38	24.05 1.09 -11.99	24.75 1.72 -6.49	24.59 1.97 -3.10	23.45 1.74 0.00	22.89 1.46 0.00	23.08 1.47 0.01	24.17 1.92 0.04	24.13 1.66 0.01	25.03 1.82 0.09	27.12 2.05 0.31	29.54 2.42 0.39	32.29 2.87 0.48	40.45 4.30 0.91	42.14 4.77 0.77	41.08 4.63 0.60	36.70 4.10 0.47	31.73 3.24 0.23	25.33 2.85 0.00	23.61 2.34 0.00
MENANDS__115KV_TB5 355628	21.84 0.15 -10.14	20.87 0.10 -12.31	20.29 0.09 -12.94	19.92 0.08 -13.98	20.31 0.11 -12.33	21.41 0.15 -10.28	22.30 0.20 -5.56	22.37 0.21 -2.64	22.02 0.30 0.00	21.62 0.19 0.00	21.84 0.24 0.02	22.44 0.20 0.05	22.73 0.27 0.01	23.46 0.28 0.12	25.21 0.28 0.44	27.37 0.41 0.55	29.64 0.42 0.68	36.52 0.78 1.32	37.82 0.80 1.12	36.88 0.70 0.87	32.98 0.60 0.69	28.93 0.55 0.33	22.85 0.38 0.00	21.55 0.28 0.00
MG INDUSTRY__DRP 24185	21.64 0.20 -9.89	20.62 0.14 -12.01	20.01 0.12 -12.63	19.61 0.10 -13.64	20.05 0.14 -12.03	21.21 0.21 -10.03	22.23 0.26 -5.43	22.36 0.27 -2.57	22.06 0.35 0.00	21.67 0.24 0.00	21.87 0.26 0.01	22.48 0.22 0.03	22.76 0.29 0.01	23.51 0.28 0.07	25.39 0.28 0.26	27.57 0.39 0.32	29.95 0.45 0.40	37.06 0.78 0.77	38.28 0.80 0.66	37.27 0.74 0.51	33.37 0.69 0.40	29.12 0.60 0.19	22.92 0.45 0.00	21.63 0.36 0.00
MID__OSWEGATCHIE_HYD 23849	11.05 -0.80 -0.29	8.22 -0.59 -0.36	7.16 -0.47 -0.38	5.88 -0.39 -0.41	7.70 -0.53 -0.36	10.57 -0.70 -0.30	15.63 -1.08 -0.16	18.13 -1.46 -0.08	20.00 -1.72 0.00	19.57 -1.86 0.00	19.68 -1.95 0.00	20.33 -1.96 0.00	20.22 -2.25 0.00	20.90 -2.40 0.00	22.91 -2.46 0.00	24.88 -2.64 -0.01	27.30 -2.60 0.00	34.31 -2.74 0.00	36.19 -1.95 0.00	34.68 -2.37 0.00	31.06 -2.02 0.00	26.96 -1.75 0.00	21.24 -1.24 0.00	19.91 -1.36 0.00
MID__RAQUETTE_HYD 23851	10.40 -1.37 -0.22	7.71 -1.02 -0.27	6.74 -0.81 -0.29	5.50 -0.67 -0.31	7.18 -0.97 -0.27	9.89 -1.31 -0.23	14.66 -2.00 -0.12	17.02 -2.56 -0.06	18.91 -2.80 0.00	18.43 -3.00 0.00	18.55 -3.07 0.00	19.06 -3.23 0.00	18.92 -3.55 0.00	19.48 -3.82 0.00	21.39 -3.98 0.00	23.15 -4.35 0.01	25.48 -4.43 0.00	32.24 -4.82 0.00	34.44 -3.70 0.00	32.60 -4.45 0.00	29.27 -3.80 0.00	25.53 -3.19 0.00	20.14 -2.34 0.00	18.84 -2.42 0.00
MILLIKEN__1 23584	13.48 0.29 -1.64	10.67 0.22 -1.99	9.53 0.18 -2.09	8.27 0.14 -2.26	10.08 0.21 -2.00	12.97 0.33 -1.66	17.97 0.53 -0.90	20.55 0.59 -0.45	22.23 0.52 0.00	22.01 0.58 0.00	22.19 0.56 0.00	22.98 0.69 0.00	23.12 0.65 0.00	24.00 0.70 0.00	26.16 0.79 0.00	28.33 0.83 0.00	30.92 1.02 0.00	38.17 1.11 0.00	39.43 1.30 0.00	38.38 1.33 0.00	34.30 1.22 0.00	29.66 0.95 0.00	23.17 0.70 0.00	21.95 0.68 0.00
MILLIKEN__2 23585	13.48 0.29 -1.64	10.67 0.22 -1.99	9.53 0.18 -2.09	8.27 0.14 -2.26	10.08 0.21 -2.00	12.97 0.33 -1.66	17.97 0.53 -0.90	20.55 0.59 -0.45	22.23 0.52 0.00	22.01 0.58 0.00	22.19 0.56 0.00	22.98 0.69 0.00	23.12 0.65 0.00	24.00 0.70 0.00	26.16 0.79 0.00	28.33 0.83 0.00	30.92 1.02 0.00	38.17 1.11 0.00	39.43 1.30 0.00	38.38 1.33 0.00	34.30 1.22 0.00	29.66 0.95 0.00	23.17 0.70 0.00	21.95 0.68 0.00
MILLIKEN__DIESEL 23629	13.48 0.29 -1.64	10.67 0.22 -1.99	9.53 0.18 -2.09	8.27 0.14 -2.26	10.08 0.21 -2.00	12.97 0.33 -1.66	17.97 0.53 -0.90	20.55 0.59 -0.45	22.23 0.52 0.00	22.01 0.58 0.00	22.19 0.56 0.00	22.98 0.69 0.00	23.12 0.65 0.00	24.00 0.70 0.00	26.16 0.79 0.00	28.33 0.83 0.00	30.92 1.02 0.00	38.17 1.11 0.00	39.43 1.30 0.00	38.38 1.33 0.00	34.30 1.22 0.00	29.66 0.95 0.00	23.17 0.70 0.00	21.95 0.68 0.00
MILLSEAT__LFGE 323607	13.04 0.23 -1.26	10.17 0.19 -1.53	9.05 0.19 -1.61	7.76 0.16 -1.73	9.59 0.19 -1.53	12.44 0.19 -1.28	17.35 0.12 -0.69	19.83 -0.02 -0.34	21.65 -0.06 0.00	21.65 0.21 0.00	22.03 0.41 0.00	22.71 0.42 0.00	22.99 0.52 0.00	23.93 0.63 0.00	25.83 0.46 0.00	28.05 0.55 0.00	30.35 0.45 0.00	36.61 -0.44 0.00	37.72 -0.42 0.00	37.12 0.07 0.00	33.24 0.17 0.00	28.83 0.12 0.00	23.01 0.54 0.00	21.89 0.62 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.89 0.47 -7.86	18.38 0.37 -9.55	17.61 0.31 -10.04	16.95 0.25 -10.85	17.75 0.31 -9.57	19.35 0.41 -7.97	21.52 0.66 -4.32	22.44 0.88 -2.04	22.82 1.11 0.00	22.46 1.03 0.00	22.73 1.08 -0.02	23.38 1.03 -0.07	23.56 1.08 -0.01	24.57 1.12 -0.15	27.21 1.29 -0.55	29.62 1.43 -0.69	32.13 1.38 -0.85	40.85 2.15 -1.64	41.51 1.98 -1.39	39.91 1.78 -1.09	35.52 1.59 -0.86	30.62 1.49 -0.41	23.55 1.08 0.00	22.16 0.89 0.00

MILLWOOD_13_KV_LOAD 356217	19.92 0.50 -7.86	18.39 0.38 -9.55	17.61 0.32 -10.04	16.97 0.26 -10.85	17.76 0.32 -9.57	19.38 0.43 -7.97	21.55 0.69 -4.32	22.45 0.90 -2.04	22.86 1.15 0.00	22.48 1.05 0.00	22.75 1.10 -0.02	23.40 1.05 -0.07	23.61 1.12 -0.01	24.62 1.16 -0.15	27.26 1.34 -0.55	29.68 1.49 -0.69	32.22 1.47 -0.85	40.96 2.26 -1.64	41.63 2.10 -1.39	40.02 1.89 -1.09	35.58 1.65 -0.86	30.68 1.55 -0.41	23.57 1.10 0.00	22.20 0.94 0.00
MODEL_CITY_ENERGY 24167	12.86 0.02 -1.28	10.04 0.03 -1.55	8.95 0.06 -1.63	7.68 0.06 -1.76	9.47 0.05 -1.55	12.25 -0.02 -1.30	17.03 -0.22 -0.70	19.41 -0.45 -0.34	21.19 -0.52 0.00	21.24 -0.19 0.00	21.58 -0.04 0.00	22.27 -0.02 0.00	22.56 0.09 0.00	23.46 0.16 0.00	25.32 -0.05 0.00	27.48 -0.03 0.00	29.69 -0.21 0.00	35.72 -1.33 0.00	36.73 -1.41 0.00	36.12 -0.92 0.00	32.38 -0.70 0.00	28.14 -0.57 0.00	22.45 -0.02 0.00	21.42 0.15 0.00
MODERN_LFGE_ 323580	12.86 0.02 -1.28	10.04 0.03 -1.55	8.95 0.06 -1.63	7.68 0.06 -1.76	9.47 0.05 -1.55	12.25 -0.02 -1.30	17.03 -0.22 -0.70	19.41 -0.45 -0.34	21.19 -0.52 0.00	21.24 -0.19 0.00	21.58 -0.04 0.00	22.27 -0.02 0.00	22.56 0.09 0.00	23.46 0.16 0.00	25.32 -0.05 0.00	27.48 -0.03 0.00	29.69 -0.21 0.00	35.72 -1.33 0.00	36.73 -1.41 0.00	36.12 -0.92 0.00	32.38 -0.70 0.00	28.14 -0.57 0.00	22.45 -0.02 0.00	21.42 0.15 0.00
MOHAWK_PAPER__DRP 24187	22.05 0.31 -10.19	21.05 0.22 -12.37	20.45 0.20 -13.00	20.07 0.16 -14.05	20.47 0.21 -12.39	21.61 0.31 -10.33	22.58 0.45 -5.59	22.70 0.53 -2.66	22.34 0.63 0.00	21.92 0.49 0.00	22.12 0.52 0.02	22.77 0.53 0.05	23.07 0.61 0.01	23.80 0.63 0.13	25.61 0.68 0.45	27.80 0.85 0.56	30.16 0.96 0.70	37.20 1.48 1.34	38.53 1.53 1.13	37.60 1.44 0.89	33.63 1.26 0.70	29.44 1.06 0.34	23.26 0.79 0.00	21.89 0.62 0.00
MOHICAN__35_KV_115KV_LD 80490	22.67 0.69 -10.42	21.61 0.49 -12.66	20.97 0.41 -13.30	20.57 0.33 -14.37	21.01 0.46 -12.68	22.21 0.67 -10.57	23.30 1.04 -5.72	23.49 1.25 -2.72	23.12 1.41 0.00	22.65 1.22 0.00	22.82 1.21 0.02	23.44 1.20 0.05	23.81 1.35 0.01	24.62 1.44 0.13	26.52 1.60 0.45	28.92 1.98 0.57	31.44 2.24 0.70	38.78 3.08 1.35	40.32 3.32 1.14	39.30 3.15 0.89	35.18 2.81 0.70	30.73 2.35 0.34	24.18 1.71 0.00	22.67 1.40 0.00
MONGAUP__HYD 23641	19.17 0.40 -7.21	17.53 0.31 -8.75	16.70 0.24 -9.20	16.00 0.19 -9.94	16.85 0.21 -8.77	18.60 0.32 -7.31	21.11 0.61 -3.96	22.18 0.80 -1.87	22.67 0.95 0.00	22.29 0.86 0.00	22.51 0.87 -0.02	23.19 0.85 -0.06	23.29 0.81 -0.01	24.34 0.91 -0.13	26.90 1.07 -0.47	29.25 1.16 -0.59	31.85 1.23 -0.73	40.08 1.63 -1.40	40.28 0.95 -1.19	38.79 0.81 -0.93	34.93 1.13 -0.73	30.30 1.23 -0.35	23.57 1.10 0.00	22.03 0.76 0.00
MONTAUK__DIESEL 23721	20.54 1.07 -7.91	18.72 0.65 -9.61	17.95 0.60 -10.10	17.26 0.48 -10.91	18.32 0.83 -9.62	20.07 1.08 -8.02	21.92 1.04 -4.34	22.92 1.35 -2.06	23.49 1.78 0.00	23.08 1.65 0.00	23.46 1.82 -0.02	23.83 1.47 -0.07	24.73 2.25 -0.01	25.44 1.98 -0.16	28.48 2.56 -0.55	30.87 2.67 -0.70	33.45 2.69 -0.86	42.61 3.89 -1.66	43.09 3.55 -1.40	41.52 3.37 -1.10	37.05 3.11 -0.86	31.91 2.79 -0.42	24.45 1.98 0.00	23.35 2.08 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	13.34 0.32 -1.47	10.45 0.21 -1.78	9.28 0.15 -1.87	8.00 0.12 -2.02	9.80 0.14 -1.78	12.64 0.18 -1.49	17.72 0.36 -0.82	20.32 0.41 -0.40	22.45 0.74 0.00	22.87 1.44 0.00	23.27 1.64 0.00	24.21 1.92 0.00	24.49 2.02 0.00	25.56 2.26 0.00	27.55 2.18 0.00	29.68 2.17 0.00	32.41 2.51 0.00	38.98 1.93 0.00	40.24 2.10 0.00	39.42 2.37 0.00	35.22 2.15 0.00	30.32 1.61 0.00	24.05 1.57 0.00	22.59 1.32 0.00
MORTIMER_115KV_TB3 55949	12.82 0.24 -1.02	9.87 0.17 -1.24	8.72 0.16 -1.30	7.40 0.13 -1.40	9.27 0.16 -1.24	12.19 0.19 -1.03	17.28 0.18 -0.56	19.98 0.20 -0.27	21.80 0.09 0.00	21.71 0.28 0.00	21.93 0.30 0.00	22.67 0.38 0.00	22.90 0.43 0.00	23.84 0.54 0.00	25.83 0.46 0.00	27.81 0.30 0.00	30.35 0.45 0.00	36.83 -0.22 0.00	38.02 -0.11 0.00	37.34 0.30 0.00	33.41 0.33 0.00	28.94 0.23 0.00	22.85 0.38 0.00	21.69 0.43 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.00 0.53 -7.91	18.49 0.42 -9.61	17.70 0.35 -10.10	17.05 0.28 -10.91	17.83 0.34 -9.62	19.43 0.44 -8.02	21.61 0.73 -4.34	22.56 1.00 -2.05	22.97 1.26 0.00	22.59 1.16 0.00	22.86 1.21 -0.02	23.52 1.16 -0.07	23.68 1.19 -0.01	24.71 1.26 -0.16	27.37 1.45 -0.55	29.77 1.57 -0.69	32.26 1.50 -0.86	41.12 2.41 -1.66	41.75 2.21 -1.40	40.11 1.96 -1.10	35.69 1.75 -0.86	30.77 1.64 -0.42	23.66 1.19 0.00	22.29 1.02 0.00
MUNSVILLE_WIND_PWR 323609	14.74 0.73 -2.46	11.96 0.52 -2.99	10.80 0.41 -3.14	9.62 0.36 -3.39	11.49 0.63 -2.99	14.36 0.89 -2.49	19.31 1.42 -1.35	21.70 1.46 -0.72	23.10 1.39 0.00	22.97 1.54 0.00	23.23 1.60 0.00	24.06 1.76 -0.01	24.25 1.77 0.00	25.19 1.86 -0.02	27.61 2.16 -0.08	30.25 2.64 -0.10	33.14 3.11 -0.13	41.19 3.89 -0.25	42.77 4.42 -0.21	41.58 4.37 -0.16	37.10 3.90 -0.13	31.65 2.87 -0.06	24.63 2.16 0.00	23.12 1.85 0.00
N SALMON__HYD 24042	10.45 -1.29 -0.19	7.73 -0.96 -0.23	6.75 -0.74 -0.24	5.49 -0.63 -0.26	7.15 -0.94 -0.23	9.90 -1.26 -0.19	14.72 -1.92 -0.10	17.40 -2.17 -0.05	19.43 -2.28 0.00	19.05 -2.38 0.00	19.46 -2.16 0.00	20.06 -2.23 0.00	19.89 -2.58 0.00	20.57 -2.73 0.00	22.58 -2.79 0.00	24.33 -3.16 0.01	26.82 -3.08 0.00	33.94 -3.11 0.00	35.74 -2.40 0.00	33.75 -3.30 0.00	30.06 -3.01 0.00	26.01 -2.70 0.00	20.41 -2.07 0.00	19.10 -2.17 0.00
N.AKRON__115KV_KNAPP 355671	13.05 0.24 -1.26	10.17 0.19 -1.53	9.05 0.19 -1.60	7.76 0.16 -1.73	9.59 0.19 -1.53	12.45 0.20 -1.27	17.36 0.13 -0.69	19.85 0.00 -0.34	21.60 -0.11 0.00	21.67 0.24 0.00	21.90 0.28 0.00	22.74 0.45 0.00	22.97 0.49 0.00	23.91 0.61 0.00	25.83 0.46 0.00	27.75 0.25 0.00	30.35 0.45 0.00	36.31 -0.74 0.00	37.57 -0.57 0.00	37.12 0.07 0.00	33.31 0.23 0.00	28.80 0.09 0.00	23.01 0.54 0.00	21.91 0.64 0.00
N.BELMOR_69_KV_BK1 55787	20.17 0.70 -7.91	18.54 0.47 -9.61	17.75 0.40 -10.10	17.10 0.32 -10.91	17.98 0.48 -9.62	19.64 0.65 -8.02	21.71 0.83 -4.34	22.66 1.09 -2.06	23.02 1.30 0.00	22.63 1.20 0.00	23.01 1.36 -0.02	23.58 1.23 -0.07	24.06 1.57 -0.01	24.97 1.51 -0.16	27.88 1.95 -0.55	30.21 2.01 -0.70	32.68 1.91 -0.86	41.64 2.93 -1.66	42.17 2.63 -1.40	40.59 2.45 -1.10	36.25 2.32 -0.86	31.25 2.12 -0.42	24.11 1.64 0.00	22.78 1.51 0.00
N.E._GEN_SANDY PD 24062	20.98 0.32 -9.10	19.75 0.24 -11.05	19.08 0.21 -11.61	18.58 0.17 -12.55	19.17 0.23 -11.07	20.51 0.31 -9.23	21.96 0.43 -4.99	22.37 0.49 -2.37	22.32 0.61 0.00	21.92 0.49 0.00	22.00 0.50 0.12	22.42 0.49 0.36	22.87 0.47 0.08	23.00 0.54 0.84	23.00 0.61 2.98	24.40 0.63 3.74	26.10 0.69 4.49	29.08 1.11 9.09	31.64 1.07 7.56	32.13 1.00 5.92	29.31 0.89 4.66	27.30 0.83 2.25	23.12 0.65 0.00	21.84 0.57 0.00

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.65 0.47 -7.62	18.09 0.37 -9.26	17.29 0.30 -9.73	16.61 0.24 -10.51	17.43 0.29 -9.27	19.10 0.40 -7.73	21.38 0.66 -4.18	22.37 0.88 -1.98	22.82 1.11 0.00	22.46 1.03 0.00	22.73 1.08 -0.02	23.40 1.05 -0.06	23.56 1.08 -0.01	24.59 1.14 -0.15	27.20 1.32 -0.52	29.58 1.43 -0.65	32.08 1.38 -0.80	40.75 2.15 -1.55	41.43 1.98 -1.31	39.81 1.74 -1.03	35.47 1.59 -0.81	30.57 1.46 -0.39	23.57 1.10 0.00	22.16 0.89 0.00
N. QUEENS_27_KV_LOAD 356247	19.96 0.50 -7.91	18.53 0.47 -9.61	17.73 0.38 -10.10	17.05 0.28 -10.91	17.82 0.32 -9.62	19.41 0.42 -8.02	21.51 0.63 -4.34	22.49 0.92 -2.05	22.93 1.22 0.00	22.52 1.09 0.00	22.79 1.15 -0.02	23.43 1.07 -0.07	23.59 1.10 -0.01	24.62 1.16 -0.16	27.24 1.32 -0.55	29.63 1.43 -0.69	32.08 1.32 -0.86	40.94 2.22 -1.66	41.56 2.02 -1.40	39.89 1.74 -1.10	35.46 1.52 -0.86	30.59 1.46 -0.42	23.53 1.06 0.00	22.23 0.96 0.00
N. TROY___115KV_TB1 355778	22.10 0.34 -10.21	21.10 0.24 -12.41	20.50 0.21 -13.04	20.12 0.17 -14.09	20.53 0.24 -12.43	21.66 0.33 -10.36	22.63 0.48 -5.61	22.73 0.55 -2.67	22.36 0.65 0.00	21.95 0.51 0.00	22.14 0.54 0.02	22.73 0.51 0.07	23.06 0.61 0.01	23.75 0.61 0.16	25.44 0.63 0.56	27.57 0.77 0.71	29.89 0.87 0.88	36.70 1.33 1.69	38.08 1.37 1.43	37.19 1.26 1.12	33.32 1.12 0.88	29.29 1.00 0.42	23.24 0.76 0.00	21.91 0.64 0.00
NARROWS_GT1_1 24228	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.06 1.35 0.00	22.67 1.24 0.00	22.92 1.28 -0.02	23.60 1.25 -0.07	23.63 1.15 -0.01	24.81 1.35 -0.16	27.52 1.60 -0.55	29.74 1.54 -0.69	32.32 1.55 -0.86	41.31 2.59 -1.66	41.95 2.40 -1.40	40.33 2.19 -1.10	35.86 1.92 -0.86	30.98 1.84 -0.42	23.80 1.33 0.00	22.42 1.15 0.00
NARROWS_GT1_2 24229	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.06 1.35 0.00	22.67 1.24 0.00	22.92 1.28 -0.02	23.60 1.25 -0.07	23.63 1.15 -0.01	24.81 1.35 -0.16	27.52 1.60 -0.55	29.74 1.54 -0.69	32.32 1.55 -0.86	41.31 2.59 -1.66	41.95 2.40 -1.40	40.33 2.19 -1.10	35.86 1.92 -0.86	30.98 1.84 -0.42	23.80 1.33 0.00	22.42 1.15 0.00
NARROWS_GT1_3 24230	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.06 1.35 0.00	22.67 1.24 0.00	22.92 1.28 -0.02	23.60 1.25 -0.07	23.63 1.15 -0.01	24.81 1.35 -0.16	27.52 1.60 -0.55	29.74 1.54 -0.69	32.32 1.55 -0.86	41.31 2.59 -1.66	41.95 2.40 -1.40	40.33 2.19 -1.10	35.86 1.92 -0.86	30.98 1.84 -0.42	23.80 1.33 0.00	22.42 1.15 0.00
NARROWS_GT1_4 24231	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.06 1.35 0.00	22.67 1.24 0.00	22.92 1.28 -0.02	23.60 1.25 -0.07	23.63 1.15 -0.01	24.81 1.35 -0.16	27.52 1.60 -0.55	29.74 1.54 -0.69	32.32 1.55 -0.86	41.31 2.59 -1.66	41.95 2.40 -1.40	40.33 2.19 -1.10	35.86 1.92 -0.86	30.98 1.84 -0.42	23.80 1.33 0.00	22.42 1.15 0.00
NARROWS_GT1_5 24232	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.06 1.35 0.00	22.67 1.24 0.00	22.92 1.28 -0.02	23.60 1.25 -0.07	23.63 1.15 -0.01	24.81 1.35 -0.16	27.52 1.60 -0.55	29.74 1.54 -0.69	32.32 1.55 -0.86	41.31 2.59 -1.66	41.95 2.40 -1.40	40.33 2.19 -1.10	35.86 1.92 -0.86	30.98 1.84 -0.42	23.80 1.33 0.00	22.42 1.15 0.00
NARROWS_GT1_6 24233	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.06 1.35 0.00	22.67 1.24 0.00	22.92 1.28 -0.02	23.60 1.25 -0.07	23.63 1.15 -0.01	24.81 1.35 -0.16	27.52 1.60 -0.55	29.74 1.54 -0.69	32.32 1.55 -0.86	41.31 2.59 -1.66	41.95 2.40 -1.40	40.33 2.19 -1.10	35.86 1.92 -0.86	30.98 1.84 -0.42	23.80 1.33 0.00	22.42 1.15 0.00
NARROWS_GT1_7 24234	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.06 1.35 0.00	22.67 1.24 0.00	22.92 1.28 -0.02	23.60 1.25 -0.07	23.63 1.15 -0.01	24.81 1.35 -0.16	27.52 1.60 -0.55	29.74 1.54 -0.69	32.32 1.55 -0.86	41.31 2.59 -1.66	41.95 2.40 -1.40	40.33 2.19 -1.10	35.86 1.92 -0.86	30.98 1.84 -0.42	23.80 1.33 0.00	22.42 1.15 0.00
NARROWS_GT1_8 24235	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.06 1.35 0.00	22.67 1.24 0.00	22.92 1.28 -0.02	23.60 1.25 -0.07	23.63 1.15 -0.01	24.81 1.35 -0.16	27.52 1.60 -0.55	29.74 1.54 -0.69	32.32 1.55 -0.86	41.31 2.59 -1.66	41.95 2.40 -1.40	40.33 2.19 -1.10	35.86 1.92 -0.86	30.98 1.84 -0.42	23.80 1.33 0.00	22.42 1.15 0.00
NARROWS_GT2_1 24236	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.06 1.35 0.00	22.67 1.24 0.00	22.92 1.28 -0.02	23.60 1.25 -0.07	23.63 1.15 -0.01	24.81 1.35 -0.16	27.52 1.60 -0.55	29.74 1.54 -0.69	32.32 1.55 -0.86	41.31 2.59 -1.66	41.95 2.40 -1.40	40.33 2.19 -1.10	35.86 1.92 -0.86	30.98 1.84 -0.42	23.80 1.33 0.00	22.42 1.15 0.00
NARROWS_GT2_2 24237	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.06 1.35 0.00	22.67 1.24 0.00	22.92 1.28 -0.02	23.60 1.25 -0.07	23.63 1.15 -0.01	24.81 1.35 -0.16	27.52 1.60 -0.55	29.74 1.54 -0.69	32.32 1.55 -0.86	41.31 2.59 -1.66	41.95 2.40 -1.40	40.33 2.19 -1.10	35.86 1.92 -0.86	30.98 1.84 -0.42	23.80 1.33 0.00	22.42 1.15 0.00
NARROWS_GT2_3 24238	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.06 1.35 0.00	22.67 1.24 0.00	22.92 1.28 -0.02	23.60 1.25 -0.07	23.63 1.15 -0.01	24.81 1.35 -0.16	27.52 1.60 -0.55	29.74 1.54 -0.69	32.32 1.55 -0.86	41.31 2.59 -1.66	41.95 2.40 -1.40	40.33 2.19 -1.10	35.86 1.92 -0.86	30.98 1.84 -0.42	23.80 1.33 0.00	22.42 1.15 0.00
NARROWS_GT2_4 24239	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.06 1.35 0.00	22.67 1.24 0.00	22.92 1.28 -0.02	23.60 1.25 -0.07	23.63 1.15 -0.01	24.81 1.35 -0.16	27.52 1.60 -0.55	29.74 1.54 -0.69	32.32 1.55 -0.86	41.31 2.59 -1.66	41.95 2.40 -1.40	40.33 2.19 -1.10	35.86 1.92 -0.86	30.98 1.84 -0.42	23.80 1.33 0.00	22.42 1.15 0.00

NARROWS_GT2_5 24240	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.06 1.35 0.00	22.67 1.24 0.00	22.92 1.28 -0.02	23.60 1.25 -0.07	23.63 1.15 -0.01	24.81 1.35 -0.16	27.52 1.60 -0.55	29.74 1.54 -0.69	32.32 1.55 -0.86	41.31 2.59 -1.66	41.95 2.40 -1.40	40.33 2.19 -1.10	35.86 1.92 -0.86	30.98 1.84 -0.42	23.80 1.33 0.00	22.42 1.15 0.00
NARROWS_GT2_6 24241	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.06 1.35 0.00	22.67 1.24 0.00	22.92 1.28 -0.02	23.60 1.25 -0.07	23.63 1.15 -0.01	24.81 1.35 -0.16	27.52 1.60 -0.55	29.74 1.54 -0.69	32.32 1.55 -0.86	41.31 2.59 -1.66	41.95 2.40 -1.40	40.33 2.19 -1.10	35.86 1.92 -0.86	30.98 1.84 -0.42	23.80 1.33 0.00	22.42 1.15 0.00
NARROWS_GT2_7 24242	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.06 1.35 0.00	22.67 1.24 0.00	22.92 1.28 -0.02	23.60 1.25 -0.07	23.63 1.15 -0.01	24.81 1.35 -0.16	27.52 1.60 -0.55	29.74 1.54 -0.69	32.32 1.55 -0.86	41.31 2.59 -1.66	41.95 2.40 -1.40	40.33 2.19 -1.10	35.86 1.92 -0.86	30.98 1.84 -0.42	23.80 1.33 0.00	22.42 1.15 0.00
NARROWS_GT2_8 24243	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.06 1.35 0.00	22.67 1.24 0.00	22.92 1.28 -0.02	23.60 1.25 -0.07	23.63 1.15 -0.01	24.81 1.35 -0.16	27.52 1.60 -0.55	29.74 1.54 -0.69	32.32 1.55 -0.86	41.31 2.59 -1.66	41.95 2.40 -1.40	40.33 2.19 -1.10	35.86 1.92 -0.86	30.98 1.84 -0.42	23.80 1.33 0.00	22.42 1.15 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.10 0.12 -9.43	19.99 0.08 -11.46	19.34 0.04 -12.04	18.91 0.04 -13.01	19.39 0.05 -11.47	20.66 0.12 -9.56	21.97 0.25 -5.18	22.24 0.27 -2.45	22.19 0.48 0.00	21.69 0.26 0.00	22.03 0.41 0.01	22.61 0.33 0.02	22.78 0.31 0.00	23.73 0.47 0.04	25.69 0.46 0.14	27.97 0.63 0.17	30.41 0.72 0.21	37.90 1.26 0.42	39.12 1.33 0.35	38.03 1.26 0.28	34.08 1.22 0.22	29.64 1.03 0.10	23.17 0.70 0.00	21.67 0.40 0.00
NCHELSEA_115KV_TR2 355582	19.92 0.47 -7.90	18.42 0.37 -9.59	17.62 0.29 -10.08	16.99 0.23 -10.89	17.75 0.28 -9.60	19.38 0.40 -8.01	21.58 0.71 -4.33	22.48 0.92 -2.05	22.86 1.15 0.00	22.48 1.05 0.00	22.77 1.12 -0.02	23.42 1.07 -0.06	23.61 1.12 -0.01	24.60 1.16 -0.13	27.15 1.32 -0.46	29.57 1.49 -0.58	32.06 1.44 -0.72	40.67 2.22 -1.39	41.34 2.02 -1.18	39.78 1.82 -0.92	35.45 1.65 -0.72	30.58 1.52 -0.35	23.66 1.19 0.00	22.16 0.89 0.00
NEG CAPITAL___MECHNVIL 23645	22.44 0.53 -10.35	21.40 0.37 -12.57	20.79 0.32 -13.21	20.39 0.26 -14.27	20.82 0.35 -12.59	21.99 0.52 -10.49	23.00 0.78 -5.68	23.14 0.92 -2.70	22.76 1.04 0.00	22.33 0.90 0.00	22.49 0.89 0.02	23.14 0.91 0.06	23.42 0.97 0.01	24.23 1.07 0.14	26.04 1.17 0.50	28.28 1.40 0.62	30.74 1.61 0.77	37.82 2.26 1.49	39.28 2.40 1.26	38.32 2.26 0.99	34.31 2.02 0.78	30.03 1.69 0.38	23.71 1.24 0.00	22.31 1.04 0.00
NEG CENTRAL_HIGH_ACRES 23767	12.56 0.01 -0.99	9.67 0.01 -1.20	8.54 0.01 -1.27	7.24 0.01 -1.37	9.09 0.02 -1.21	11.99 0.01 -1.01	17.05 -0.03 -0.54	19.78 0.00 -0.27	21.58 -0.13 0.00	21.45 0.02 0.00	21.71 0.09 0.00	22.42 0.13 0.00	22.63 0.16 0.00	23.51 0.21 0.00	25.47 0.10 0.00	27.64 0.14 0.00	29.96 0.06 0.00	36.72 -0.33 0.00	37.79 -0.34 0.00	36.94 -0.11 0.00	32.98 -0.10 0.00	28.54 -0.17 0.00	22.47 0.00 0.00	21.31 0.04 0.00
NEG CENTRAL___DRP 24199	12.81 0.17 -1.08	9.90 0.13 -1.31	8.74 0.10 -1.38	7.44 0.08 -1.49	9.31 0.13 -1.31	12.27 0.20 -1.10	17.45 0.31 -0.59	20.17 0.37 -0.29	22.02 0.30 0.00	21.84 0.41 0.00	22.03 0.41 0.00	22.85 0.56 0.00	22.99 0.52 0.00	23.91 0.61 0.00	25.98 0.61 0.00	28.11 0.61 0.00	30.65 0.75 0.00	37.57 0.52 0.00	38.75 0.61 0.00	37.79 0.74 0.00	33.77 0.69 0.00	29.23 0.52 0.00	22.92 0.45 0.00	21.72 0.45 0.00
NEG CENTRAL___INDECK 23768	13.58 0.60 -1.42	10.62 0.43 -1.73	9.44 0.36 -1.82	8.11 0.29 -1.96	9.99 0.39 -1.73	12.97 0.55 -1.44	18.07 0.74 -0.78	20.72 0.82 -0.38	22.41 0.69 0.00	22.24 0.81 0.00	22.57 0.95 0.00	23.36 1.07 0.00	23.53 1.06 0.00	24.44 1.14 0.00	26.51 1.14 0.00	28.85 1.35 0.00	30.50 0.60 0.00	37.35 0.30 0.00	38.71 0.57 0.00	38.01 0.96 0.00	34.00 0.92 0.00	29.43 0.72 0.00	23.87 1.39 0.00	22.55 1.28 0.00
NEG CENTRAL___SENECA 23627	13.02 0.27 -1.20	10.11 0.19 -1.45	8.95 0.17 -1.53	7.65 0.13 -1.65	9.52 0.19 -1.45	12.48 0.30 -1.21	17.64 0.45 -0.66	20.34 0.51 -0.32	22.13 0.41 0.00	22.01 0.58 0.00	22.21 0.58 0.00	23.09 0.80 0.00	23.19 0.72 0.00	24.14 0.84 0.00	26.23 0.86 0.00	28.36 0.85 0.00	30.98 1.08 0.00	37.80 0.74 0.00	39.01 0.88 0.00	38.08 1.04 0.00	34.03 0.96 0.00	29.46 0.75 0.00	23.17 0.70 0.00	21.93 0.66 0.00
NEG CENTRAL___STATE_STREET 24147	12.76 0.15 -1.06	9.85 0.11 -1.28	8.69 0.09 -1.35	7.38 0.06 -1.46	9.26 0.10 -1.28	12.21 0.16 -1.07	17.42 0.30 -0.58	20.19 0.39 -0.28	22.19 0.48 0.00	21.99 0.56 0.00	22.19 0.56 0.00	22.82 0.53 0.00	23.12 0.65 0.00	24.00 0.70 0.00	26.13 0.76 0.00	28.30 0.80 0.00	30.80 0.90 0.00	37.94 0.89 0.00	39.13 0.99 0.00	38.05 1.00 0.00	34.00 0.93 0.00	29.40 0.69 0.00	22.83 0.36 0.00	21.63 0.36 0.00
NEG MILLWOOD___DRP 24198	20.05 0.51 -7.99	18.55 0.39 -9.70	17.77 0.32 -10.19	17.13 0.26 -11.01	17.92 0.33 -9.71	19.52 0.45 -8.10	21.70 0.78 -4.38	22.51 0.92 -2.07	22.91 1.19 0.00	22.50 1.07 0.00	22.79 1.15 -0.02	23.47 1.11 -0.06	23.68 1.19 -0.01	24.65 1.21 -0.14	27.24 1.37 -0.50	29.71 1.57 -0.63	32.24 1.55 -0.78	40.94 2.37 -1.51	41.63 2.21 -1.28	40.05 2.00 -1.00	35.65 1.79 -0.79	30.73 1.64 -0.38	23.66 1.19 0.00	22.23 0.96 0.00
NEG NORTH_FLCLN_SEA 23793	10.50 -1.22 -0.17	7.76 -0.91 -0.21	6.78 -0.70 -0.22	5.50 -0.60 -0.23	7.17 -0.91 -0.21	9.94 -1.21 -0.17	14.76 -1.87 -0.09	17.55 -2.01 -0.04	19.69 -2.02 0.00	19.33 -2.10 0.00	19.81 -1.82 0.00	20.40 -1.89 0.00	20.29 -2.18 0.00	20.99 -2.31 0.00	23.01 -2.36 0.00	24.86 -2.64 0.01	27.36 -2.54 0.00	34.57 -2.48 0.00	36.19 -1.95 0.00	34.19 -2.85 0.00	30.43 -2.65 0.00	26.27 -2.44 0.00	20.56 -1.91 0.00	19.25 -2.02 0.00
NEG NORTH_KES_CHATEGAY 23792	10.36 -1.36 -0.17	7.66 -1.01 -0.21	6.70 -0.78 -0.22	5.45 -0.66 -0.24	7.09 -0.99 -0.21	9.81 -1.34 -0.18	14.57 -2.07 -0.10	17.28 -2.28 -0.05	19.37 -2.35 0.00	18.99 -2.44 0.00	19.44 -2.18 0.00	20.02 -2.27 0.00	19.93 -2.54 0.00	20.64 -2.66 0.00	22.63 -2.74 0.00	24.44 -3.05 0.01	26.91 -2.99 0.00	34.02 -3.04 0.00	35.66 -2.48 0.00	33.68 -3.37 0.00	29.97 -3.11 0.00	25.87 -2.84 0.00	20.27 -2.20 0.00	18.97 -2.30 0.00

NEG NORTH___ALICE_FALLS 23915	10.51 -1.21 -0.17	7.77 -0.90 -0.21	6.78 -0.69 -0.22	5.51 -0.59 -0.23	7.18 -0.90 -0.21	9.95 -1.20 -0.17	14.81 -1.82 -0.09	17.59 -1.97 -0.04	19.72 -2.00 0.00	19.35 -2.08 0.00	19.85 -1.77 0.00	20.44 -1.85 0.00	20.31 -2.16 0.00	21.02 -2.28 0.00	23.04 -2.33 0.00	24.86 -2.64 0.01	27.39 -2.51 0.00	34.68 -2.37 0.00	36.35 -1.79 0.00	34.30 -2.74 0.00	30.49 -2.58 0.00	26.30 -2.41 0.00	20.61 -1.87 0.00	19.27 -2.00 0.00
NEG NORTH___LWR_SARANAC 23913	10.51 -1.21 -0.17	7.77 -0.90 -0.21	6.78 -0.69 -0.22	5.51 -0.59 -0.23	7.18 -0.90 -0.21	9.95 -1.20 -0.17	14.81 -1.82 -0.09	17.59 -1.97 -0.04	19.72 -2.00 0.00	19.35 -2.08 0.00	19.85 -1.77 0.00	20.44 -1.85 0.00	20.31 -2.16 0.00	21.02 -2.28 0.00	23.04 -2.33 0.00	24.86 -2.64 0.01	27.39 -2.51 0.00	34.68 -2.37 0.00	36.35 -1.79 0.00	34.30 -2.74 0.00	30.49 -2.58 0.00	26.30 -2.41 0.00	20.61 -1.87 0.00	19.27 -2.00 0.00
NEG NORTH___PLATTSBURG 23628	10.51 -1.21 -0.17	7.77 -0.90 -0.21	6.78 -0.69 -0.22	5.51 -0.59 -0.23	7.18 -0.90 -0.21	9.95 -1.20 -0.17	14.81 -1.82 -0.09	17.59 -1.97 -0.04	19.72 -2.00 0.00	19.35 -2.08 0.00	19.81 -1.82 0.00	20.44 -1.85 0.00	20.31 -2.16 0.00	21.02 -2.28 0.00	23.04 -2.33 0.00	24.83 -2.67 0.01	27.39 -2.51 0.00	34.68 -2.37 0.00	36.35 -1.79 0.00	34.31 -2.74 0.00	30.49 -2.58 0.00	26.30 -2.41 0.00	20.61 -1.86 0.00	19.27 -2.00 0.00
NEG WEST_LEA_LOCKPORT 23791	12.96 0.14 -1.27	10.11 0.11 -1.54	9.00 0.13 -1.62	7.73 0.12 -1.75	9.54 0.13 -1.54	12.36 0.10 -1.28	17.20 -0.03 -0.70	19.62 -0.23 -0.34	21.39 -0.33 0.00	21.47 0.04 0.00	21.71 0.09 0.00	22.54 0.25 0.00	22.81 0.34 0.00	23.74 0.44 0.00	25.62 0.25 0.00	27.51 0.00 0.00	30.08 0.18 0.00	35.87 -1.19 0.00	37.07 -1.07 0.00	36.64 -0.41 0.00	32.91 -0.17 0.00	28.48 -0.23 0.00	22.74 0.27 0.00	21.67 0.40 0.00
NEG WEST___LANCASTR 23811	12.96 -0.06 -1.47	10.20 -0.04 -1.78	9.11 -0.01 -1.87	7.88 -0.01 -2.02	9.62 -0.04 -1.78	12.37 -0.09 -1.49	17.13 -0.22 -0.81	19.54 -0.37 -0.39	21.69 -0.02 0.00	21.86 0.43 0.00	22.10 0.48 0.00	22.96 0.67 0.00	23.21 0.74 0.00	24.19 0.89 0.00	26.16 0.79 0.00	28.17 0.66 0.00	30.80 0.90 0.00	36.94 -0.11 0.00	38.14 0.00 0.00	37.45 0.41 0.00	33.54 0.46 0.00	29.00 0.29 0.00	23.06 0.58 0.00	21.89 0.62 0.00
NEG_PENN_ALLEGHNY 23528	14.40 0.24 -2.60	11.81 0.19 -3.16	10.73 0.15 -3.32	9.58 0.13 -3.59	11.21 0.17 -3.17	13.86 0.24 -2.64	18.33 0.36 -1.43	20.61 0.39 -0.70	22.17 0.46 0.00	22.01 0.58 0.00	22.25 0.63 0.00	22.98 0.69 0.00	23.15 0.67 0.00	24.05 0.75 0.00	26.16 0.79 0.00	28.41 0.91 0.00	30.86 0.96 0.00	37.94 0.89 0.00	39.09 0.95 0.00	38.05 1.00 0.00	33.97 0.89 0.00	29.46 0.75 0.00	23.10 0.63 0.00	21.86 0.59 0.00
NEG___GEN_MONROE 24207	12.93 0.36 -1.02	9.93 0.24 -1.24	8.76 0.20 -1.30	7.43 0.16 -1.40	9.32 0.21 -1.24	12.28 0.27 -1.03	17.38 0.28 -0.56	20.16 0.37 -0.27	21.89 0.17 0.00	21.77 0.34 0.00	21.97 0.35 0.00	22.78 0.49 0.00	22.92 0.45 0.00	23.84 0.54 0.00	25.83 0.46 0.00	27.78 0.28 0.00	30.35 0.45 0.00	36.80 -0.26 0.00	38.06 -0.08 0.00	37.49 0.44 0.00	33.60 0.53 0.00	29.14 0.43 0.00	23.06 0.58 0.00	21.91 0.64 0.00
NEPA___ENERGY 23901	13.36 0.32 -1.48	10.49 0.24 -1.80	9.36 0.22 -1.89	8.09 0.19 -2.04	9.88 0.21 -1.80	12.72 0.24 -1.50	17.73 0.36 -0.83	20.25 0.33 -0.40	22.26 0.54 0.00	22.48 1.05 0.00	22.73 1.10 0.00	23.58 1.29 0.00	23.86 1.39 0.00	24.86 1.56 0.00	26.89 1.52 0.00	28.96 1.46 0.00	31.64 1.73 0.00	38.02 0.96 0.00	39.21 1.07 0.00	38.42 1.37 0.00	34.43 1.36 0.00	29.78 1.06 0.00	23.62 1.15 0.00	22.35 1.08 0.00
NEVERSINK___HYD 23608	18.83 0.22 -7.06	17.22 0.19 -8.57	16.38 0.12 -9.01	15.69 0.09 -9.73	16.54 0.08 -8.59	18.26 0.13 -7.16	20.78 0.36 -3.87	22.92 1.54 -1.86	23.12 1.41 0.00	22.74 1.31 0.00	23.50 1.86 -0.01	24.18 1.85 -0.04	23.74 1.26 -0.01	24.86 1.47 -0.09	27.38 1.67 -0.34	29.74 1.81 -0.42	32.25 1.82 -0.53	40.85 2.78 -1.01	41.59 2.59 -0.86	39.98 2.26 -0.67	35.75 2.15 -0.53	30.86 1.89 -0.25	24.54 2.07 0.00	22.63 1.36 0.00
NEWKRMKL_115KV_TB1 55635	21.79 0.09 -10.14	20.84 0.06 -12.32	20.26 0.06 -12.95	19.90 0.05 -13.99	20.28 0.07 -12.34	21.36 0.10 -10.29	22.24 0.13 -5.57	22.30 0.14 -2.65	21.93 0.22 0.00	21.52 0.09 0.00	21.74 0.13 0.02	22.35 0.11 0.05	22.64 0.18 0.01	23.37 0.19 0.11	25.15 0.18 0.40	27.30 0.30 0.50	29.61 0.33 0.62	36.52 0.67 1.20	37.77 0.65 1.02	36.81 0.56 0.80	32.94 0.50 0.63	28.84 0.43 0.30	22.76 0.29 0.00	21.46 0.19 0.00
NEWTON___FALLS_HYD 23847	11.05 -0.80 -0.29	8.22 -0.59 -0.36	7.16 -0.47 -0.38	5.88 -0.39 -0.41	7.70 -0.53 -0.36	10.57 -0.70 -0.30	15.63 -1.08 -0.16	18.13 -1.46 -0.08	20.00 -1.72 0.00	19.57 -1.86 0.00	19.68 -1.95 0.00	20.33 -1.96 0.00	20.22 -2.25 0.00	20.90 -2.40 0.00	22.91 -2.46 0.00	24.88 -2.64 -0.01	27.30 -2.60 0.00	34.31 -2.74 0.00	36.19 -1.95 0.00	34.68 -2.37 0.00	31.06 -2.02 0.00	26.96 -1.75 0.00	21.24 -1.24 0.00	19.91 -1.36 0.00
NGRID_A1_DSASP 323792	12.86 0.02 -1.28	10.06 0.04 -1.56	8.98 0.09 -1.63	7.71 0.08 -1.77	9.51 0.08 -1.56	12.26 -0.01 -1.30	16.91 -0.33 -0.70	19.25 -0.61 -0.34	21.00 -0.72 0.00	21.05 -0.39 0.00	21.36 -0.26 0.00	22.05 -0.24 0.00	22.36 -0.11 0.00	23.23 -0.07 0.00	25.07 -0.30 0.00	27.20 -0.30 0.00	29.36 -0.54 0.00	35.28 -1.78 0.00	36.27 -1.87 0.00	35.68 -1.37 0.00	32.01 -1.06 0.00	27.85 -0.86 0.00	22.20 -0.27 0.00	21.23 -0.04 0.00
NGRID_A2_DSASP 323793	12.86 0.02 -1.28	10.06 0.04 -1.56	8.98 0.09 -1.63	7.71 0.08 -1.77	9.51 0.08 -1.56	12.26 -0.01 -1.30	16.91 -0.33 -0.70	19.25 -0.61 -0.34	21.00 -0.72 0.00	21.05 -0.39 0.00	21.36 -0.26 0.00	22.05 -0.24 0.00	22.36 -0.11 0.00	23.23 -0.07 0.00	25.07 -0.30 0.00	27.20 -0.30 0.00	29.36 -0.54 0.00	35.28 -1.78 0.00	36.27 -1.87 0.00	35.68 -1.37 0.00	32.01 -1.06 0.00	27.85 -0.86 0.00	22.20 -0.27 0.00	21.23 -0.04 0.00
NGRID_A4_DSASP 323807	12.86 0.02 -1.28	10.06 0.04 -1.56	8.98 0.09 -1.63	7.71 0.08 -1.77	9.51 0.08 -1.56	12.26 -0.01 -1.30	16.91 -0.33 -0.70	19.25 -0.60 -0.34	20.95 -0.76 0.00	21.02 -0.41 0.00	21.23 -0.39 0.00	22.02 -0.27 0.00	22.31 -0.16 0.00	23.21 -0.09 0.00	25.06 -0.30 0.00	26.87 -0.63 0.00	29.36 -0.54 0.00	34.94 -2.11 0.00	36.12 -2.02 0.00	35.68 -1.37 0.00	32.12 -0.96 0.00	27.85 -0.86 0.00	22.20 -0.27 0.00	21.23 -0.04 0.00
NIAGARA_115E_LBMP 323715	12.80 -0.05 -1.29	10.01 -0.02 -1.56	8.92 0.02 -1.64	7.67 0.03 -1.78	9.45 0.01 -1.57	12.20 -0.08 -1.31	16.95 -0.30 -0.71	19.29 -0.57 -0.34	21.06 -0.65 0.00	21.09 -0.34 0.00	21.43 -0.19 0.00	22.11 -0.18 0.00	22.43 -0.04 0.00	23.30 0.00 0.00	25.14 -0.23 0.00	27.31 -0.19 0.00	29.48 -0.42 0.00	35.46 -1.59 0.00	36.46 -1.68 0.00	35.86 -1.19 0.00	32.15 -0.93 0.00	27.94 -0.77 0.00	22.29 -0.18 0.00	21.29 0.02 0.00

NIAGARA_115W_LBMP 323714	12.83 0.00 -1.28	10.04 0.03 -1.55	8.96 0.07 -1.63	7.70 0.08 -1.76	9.49 0.06 -1.56	12.24 -0.03 -1.30	16.88 -0.36 -0.70	19.19 -0.66 -0.34	20.95 -0.76 0.00	20.98 -0.45 0.00	21.30 -0.32 0.00	21.98 -0.31 0.00	22.29 -0.18 0.00	23.16 -0.14 0.00	24.99 -0.38 0.00	27.12 -0.39 0.00	29.27 -0.63 0.00	35.20 -1.85 0.00	36.15 -1.98 0.00	35.56 -1.48 0.00	31.92 -1.16 0.00	27.77 -0.95 0.00	22.14 -0.34 0.00	21.16 -0.11 0.00
NIAGARA_230_LBMP 323716	12.90 0.08 -1.26	10.06 0.07 -1.53	8.97 0.10 -1.61	7.69 0.09 -1.74	9.49 0.09 -1.53	12.29 0.03 -1.28	17.08 -0.15 -0.69	19.46 -0.39 -0.33	21.26 -0.46 0.00	21.28 -0.15 0.00	21.60 -0.02 0.00	22.29 0.00 0.00	22.58 0.11 0.00	23.46 0.16 0.00	25.34 -0.03 0.00	27.51 0.00 0.00	29.69 -0.21 0.00	35.72 -1.33 0.00	36.69 -1.45 0.00	36.08 -0.96 0.00	32.38 -0.70 0.00	28.17 -0.55 0.00	22.45 -0.02 0.00	21.44 0.17 0.00
NIAGARA__115KV_198_GIBSON 55903	12.83 0.00 -1.28	10.04 0.03 -1.55	8.96 0.07 -1.63	7.70 0.08 -1.76	9.49 0.06 -1.56	12.24 -0.03 -1.30	16.88 -0.36 -0.70	19.19 -0.66 -0.34	20.89 -0.83 0.00	20.96 -0.47 0.00	21.17 -0.45 0.00	21.96 -0.33 0.00	22.25 -0.22 0.00	23.14 -0.16 0.00	24.99 -0.38 0.00	26.82 -0.69 0.00	29.27 -0.63 0.00	34.83 -2.22 0.00	36.00 -2.14 0.00	35.56 -1.48 0.00	32.02 -1.06 0.00	27.77 -0.95 0.00	22.14 -0.34 0.00	21.16 -0.11 0.00
NIAGARA____ 23760	12.82 -0.02 -1.28	10.02 0.00 -1.56	8.94 0.04 -1.64	7.68 0.05 -1.77	9.46 0.02 -1.56	12.21 -0.07 -1.30	16.91 -0.33 -0.70	19.31 -0.55 -0.34	21.08 -0.63 0.00	21.13 -0.30 0.00	21.45 -0.17 0.00	22.14 -0.15 0.00	22.45 -0.02 0.00	23.32 0.02 0.00	25.17 -0.20 0.00	27.34 -0.16 0.00	29.51 -0.39 0.00	35.50 -1.55 0.00	36.50 -1.64 0.00	35.90 -1.15 0.00	32.21 -0.86 0.00	27.97 -0.75 0.00	22.29 -0.18 0.00	21.25 -0.02 0.00
NINE_MILE_1 23575	11.85 -0.23 -0.53	8.93 -0.17 -0.64	7.79 -0.15 -0.68	6.48 -0.12 -0.73	8.37 -0.15 -0.64	11.30 -0.21 -0.54	16.50 -0.33 -0.29	19.27 -0.39 -0.14	21.21 -0.50 0.00	20.96 -0.47 0.00	21.15 -0.48 0.00	21.80 -0.49 0.00	21.98 -0.49 0.00	22.74 -0.56 0.00	24.74 -0.63 0.00	26.82 -0.69 0.00	29.12 -0.78 0.00	35.98 -1.08 0.00	37.07 -1.07 0.00	36.05 -1.00 0.00	32.18 -0.89 0.00	27.94 -0.77 0.00	21.89 -0.58 0.00	20.82 -0.45 0.00
NINE_MILE_2 23744	11.85 -0.23 -0.53	8.93 -0.17 -0.64	7.79 -0.15 -0.67	6.48 -0.12 -0.73	8.37 -0.15 -0.64	11.30 -0.21 -0.54	16.50 -0.33 -0.29	19.27 -0.39 -0.14	21.21 -0.50 0.00	20.96 -0.47 0.00	21.15 -0.48 0.00	21.80 -0.49 0.00	21.98 -0.49 0.00	22.74 -0.56 0.00	24.74 -0.63 0.00	26.82 -0.69 0.00	29.16 -0.75 0.00	35.98 -1.08 0.00	37.07 -1.07 0.00	36.05 -1.00 0.00	32.18 -0.89 0.00	27.94 -0.77 0.00	21.91 -0.56 0.00	20.82 -0.45 0.00
NM_CAPITAL____DRP 24208	21.79 0.13 -10.11	20.82 0.08 -12.28	20.24 0.08 -12.90	19.87 0.06 -13.94	20.27 0.09 -12.30	21.36 0.13 -10.25	22.26 0.17 -5.55	22.33 0.18 -2.64	21.97 0.26 0.00	21.56 0.13 0.00	21.80 0.19 0.02	22.39 0.16 0.05	22.69 0.22 0.01	23.41 0.23 0.12	25.16 0.23 0.44	27.29 0.33 0.55	29.58 0.36 0.68	36.45 0.70 1.31	37.72 0.69 1.11	36.77 0.59 0.87	32.92 0.53 0.68	28.84 0.46 0.33	22.81 0.34 0.00	21.50 0.23 0.00
NM_CENTRAL____DRP 24181	12.30 0.00 -0.75	9.37 0.00 -0.91	8.21 0.00 -0.95	6.89 -0.01 -1.03	8.79 0.01 -0.91	11.75 0.02 -0.76	16.98 0.03 -0.41	19.75 0.04 -0.20	21.76 0.04 0.00	21.52 0.09 0.00	21.71 0.09 0.00	22.45 0.16 0.00	22.58 0.11 0.00	23.42 0.12 0.00	25.52 0.15 0.00	27.59 0.08 0.00	29.99 0.09 0.00	36.83 -0.22 0.00	37.95 -0.19 0.00	36.94 -0.11 0.00	32.98 -0.10 0.00	28.63 -0.09 0.00	22.40 -0.07 0.00	21.29 0.02 0.00
NM_FRONTIER____DRP 24179	12.83 0.00 -1.28	10.04 0.03 -1.55	8.96 0.07 -1.63	7.70 0.08 -1.76	9.49 0.06 -1.56	12.24 -0.03 -1.30	16.88 -0.36 -0.70	19.19 -0.66 -0.34	20.89 -0.83 0.00	20.96 -0.47 0.00	21.17 -0.45 0.00	21.96 -0.33 0.00	22.25 -0.22 0.00	23.14 -0.16 0.00	24.99 -0.38 0.00	26.82 -0.69 0.00	29.27 -0.63 0.00	34.83 -2.22 0.00	36.00 -2.14 0.00	35.56 -1.48 0.00	32.02 -1.06 0.00	27.77 -0.95 0.00	22.14 -0.34 0.00	21.16 -0.11 0.00
NM_ST_REGIS____HYD 24053	10.40 -1.37 -0.22	7.70 -1.02 -0.26	6.73 -0.80 -0.28	5.49 -0.67 -0.30	7.16 -0.98 -0.26	9.89 -1.31 -0.22	14.64 -2.02 -0.12	17.08 -2.50 -0.06	19.02 -2.69 0.00	18.56 -2.87 0.00	18.75 -2.88 0.00	19.28 -3.01 0.00	19.15 -3.33 0.00	19.71 -3.59 0.00	21.64 -3.73 0.00	23.42 -4.07 0.01	25.78 -4.13 0.00	32.65 -4.41 0.00	34.71 -3.43 0.00	32.86 -4.19 0.00	29.44 -3.64 0.00	25.61 -3.10 0.00	20.18 -2.29 0.00	18.87 -2.40 0.00
NORTHPORT____1 23551	20.22 0.75 -7.91	18.48 0.41 -9.61	17.71 0.36 -10.10	17.06 0.29 -10.91	17.97 0.47 -9.62	19.62 0.63 -8.02	21.54 0.66 -4.34	22.49 0.92 -2.06	22.88 1.17 0.00	22.48 1.05 0.00	22.64 1.00 -0.02	23.34 0.98 -0.07	23.59 1.10 -0.01	24.69 1.23 -0.16	27.57 1.65 -0.55	29.68 1.48 -0.69	32.44 1.67 -0.86	40.86 2.15 -1.66	41.41 1.87 -1.40	40.26 2.11 -1.10	35.92 1.98 -0.86	31.02 1.89 -0.42	24.07 1.60 0.00	22.65 1.38 0.00
NORTHPORT____2 23552	20.17 0.70 -7.91	18.45 0.38 -9.61	17.68 0.33 -10.10	17.04 0.26 -10.91	17.94 0.44 -9.62	19.58 0.58 -8.02	21.49 0.61 -4.34	22.41 0.84 -2.06	22.80 1.09 0.00	22.42 0.99 0.00	22.57 0.93 -0.02	23.27 0.91 -0.07	23.50 1.01 -0.01	24.60 1.14 -0.16	27.47 1.55 -0.55	29.54 1.35 -0.69	32.31 1.55 -0.85	40.67 1.96 -1.65	41.21 1.68 -1.40	40.06 1.93 -1.09	35.78 1.85 -0.86	30.87 1.75 -0.41	23.98 1.51 0.00	22.59 1.32 0.00
NORTHPORT____3 23553	20.32 0.86 -7.91	18.59 0.52 -9.61	17.80 0.44 -10.10	17.13 0.35 -10.91	18.04 0.54 -9.62	19.72 0.72 -8.02	21.77 0.89 -4.34	22.76 1.19 -2.06	23.17 1.45 0.00	22.80 1.37 0.00	22.99 1.34 -0.02	23.69 1.34 -0.07	23.90 1.42 -0.01	25.04 1.59 -0.16	27.95 2.03 -0.55	29.93 1.73 -0.69	32.71 1.94 -0.86	41.16 2.45 -1.66	41.72 2.17 -1.40	40.52 2.37 -1.10	36.16 2.22 -0.86	31.22 2.09 -0.42	24.36 1.89 0.00	22.91 1.64 0.00
NORTHPORT____4 23650	20.32 0.86 -7.91	18.59 0.52 -9.61	17.80 0.44 -10.10	17.13 0.35 -10.91	18.04 0.54 -9.62	19.72 0.72 -8.02	21.77 0.89 -4.34	22.76 1.19 -2.06	23.17 1.45 0.00	22.80 1.37 0.00	22.99 1.34 -0.02	23.69 1.34 -0.07	23.90 1.42 -0.01	25.04 1.59 -0.16	27.95 2.03 -0.55	29.93 1.73 -0.69	32.71 1.94 -0.86	41.16 2.45 -1.66	41.72 2.17 -1.40	40.52 2.37 -1.10	36.16 2.22 -0.86	31.22 2.09 -0.42	24.36 1.89 0.00	22.91 1.64 0.00
NORTHPORT____IC 23718	20.22 0.75 -7.91	18.48 0.41 -9.61	17.71 0.36 -10.10	17.06 0.29 -10.91	17.97 0.47 -9.62	19.62 0.63 -8.02	21.54 0.66 -4.34	22.49 0.92 -2.06	22.88 1.17 0.00	22.48 1.05 0.00	22.64 1.00 -0.02	23.34 0.98 -0.07	23.59 1.10 -0.01	24.69 1.23 -0.16	27.57 1.65 -0.55	29.68 1.48 -0.69	32.44 1.67 -0.86	40.86 2.15 -1.66	41.41 1.87 -1.40	40.26 2.11 -1.10	35.92 1.98 -0.86	31.02 1.89 -0.42	24.07 1.60 0.00	22.65 1.38 0.00

NORTH__COUNTRY_ESR 323785	10.33 -1.40 -0.17	7.64 -1.03 -0.21	6.68 -0.80 -0.22	5.43 -0.67 -0.24	7.07 -1.02 -0.21	9.78 -1.37 -0.18	14.52 -2.12 -0.10	17.24 -2.32 -0.05	19.30 -2.41 0.00	18.97 -2.46 0.00	19.37 -2.25 0.00	19.99 -2.30 0.00	19.89 -2.58 0.00	20.60 -2.70 0.00	22.58 -2.79 0.00	24.33 -3.16 0.01	26.82 -3.08 0.00	33.87 -3.19 0.00	35.47 -2.67 0.00	33.56 -3.48 0.00	29.87 -3.21 0.00	25.78 -2.93 0.00	20.18 -2.29 0.00	18.89 -2.38 0.00
NPX_GEN_1385_PROXY 323591	20.17 0.70 -7.91	18.45 0.38 -9.61	17.68 0.33 -10.10	17.04 0.26 -10.91	17.94 0.44 -9.62	19.58 0.58 -8.02	21.49 0.61 -4.34	22.41 0.84 -2.06	22.84 1.13 0.00	22.46 1.03 0.00	22.57 0.93 -0.02	23.27 0.91 -0.07	23.56 1.08 -0.01	24.64 1.19 -0.16	27.55 1.63 -0.55	29.59 1.40 -0.69	32.52 1.61 -1.00	40.60 2.04 -1.51	41.29 1.76 -1.40	40.14 2.00 -1.09	35.85 1.92 -0.86	30.93 1.81 -0.41	23.98 1.51 0.00	22.59 1.32 0.00
NPX_GEN_CSC 323557	20.37 0.90 -7.91	18.44 0.37 -9.61	17.72 0.37 -10.10	17.07 0.30 -10.91	18.09 0.60 -9.62	19.75 0.76 -8.02	21.38 0.50 -4.34	22.27 0.70 -2.06	22.60 0.89 0.00	22.20 0.77 0.00	22.38 0.74 -0.02	23.07 0.71 -0.07	23.43 0.94 -0.01	24.39 0.93 -0.16	27.34 1.42 -0.55	29.49 1.29 -0.69	32.43 1.52 -1.01	40.42 1.85 -1.51	41.07 1.53 -1.40	40.03 1.89 -1.10	35.72 1.78 -0.86	30.85 1.72 -0.42	23.93 1.46 0.00	22.67 1.40 0.00
NSINS_S_GLNS_FALLS 23858	22.69 0.70 -10.43	21.63 0.50 -12.67	21.00 0.43 -13.31	20.59 0.34 -14.38	21.02 0.46 -12.69	22.24 0.69 -10.58	23.32 1.06 -5.73	23.51 1.27 -2.73	23.15 1.43 0.00	22.70 1.26 0.00	22.84 1.23 0.02	23.48 1.25 0.05	23.83 1.37 0.01	24.67 1.49 0.13	26.55 1.62 0.45	28.98 2.04 0.56	31.54 2.33 0.70	38.87 3.15 1.33	40.41 3.39 1.13	39.39 3.22 0.88	35.26 2.88 0.69	30.79 2.41 0.33	24.23 1.75 0.00	22.69 1.43 0.00
NUCOR_STEEL__DRP 24197	12.74 0.17 -1.01	9.82 0.13 -1.23	8.66 0.11 -1.29	7.33 0.07 -1.40	9.22 0.12 -1.23	12.19 0.19 -1.03	17.43 0.33 -0.56	20.18 0.39 -0.27	22.06 0.35 0.00	21.84 0.41 0.00	22.01 0.39 0.00	22.78 0.49 0.00	22.94 0.47 0.00	23.79 0.49 0.00	25.90 0.53 0.00	28.06 0.55 0.00	30.56 0.66 0.00	37.65 0.59 0.00	38.82 0.69 0.00	37.79 0.74 0.00	33.77 0.69 0.00	29.23 0.52 0.00	22.83 0.36 0.00	21.67 0.40 0.00
NUMBER_THREE_WT_PWR 323818	11.72 -0.17 -0.34	8.74 -0.14 -0.42	7.58 -0.12 -0.44	6.25 -0.08 -0.47	8.22 -0.07 -0.42	11.24 -0.08 -0.35	16.63 -0.10 -0.19	19.29 -0.31 -0.09	21.19 -0.52 0.00	20.90 -0.53 0.00	21.10 -0.52 0.00	21.75 -0.54 0.00	21.75 -0.72 0.00	22.53 -0.77 0.00	24.66 -0.71 0.00	26.82 -0.69 -0.01	29.36 -0.54 0.00	36.65 -0.41 0.00	38.21 0.08 0.00	36.97 -0.07 0.00	33.07 0.00 0.00	28.54 -0.17 0.00	22.41 -0.07 0.00	21.06 -0.21 0.00
NYISO_LBMP_REFERENCE 24008	11.55 0.00 0.00	8.46 0.00 0.00	7.26 0.00 0.00	5.86 0.00 0.00	7.87 0.00 0.00	10.97 0.00 0.00	16.54 0.00 0.00	19.51 0.00 0.00	21.71 0.00 0.00	21.43 0.00 0.00	21.62 0.00 0.00	22.29 0.00 0.00	22.47 0.00 0.00	23.30 0.00 0.00	25.37 0.00 0.00	27.51 0.00 0.00	29.90 0.00 0.00	37.05 0.00 0.00	38.14 0.00 0.00	37.05 0.00 0.00	33.07 0.00 0.00	28.71 0.00 0.00	22.47 0.00 0.00	21.27 0.00 0.00
NYPA_BRENTWD__GT 24164	20.34 0.88 -7.91	18.56 0.49 -9.61	17.78 0.43 -10.10	17.11 0.34 -10.91	18.06 0.56 -9.62	19.73 0.74 -8.02	21.71 0.83 -4.34	22.66 1.09 -2.06	23.10 1.39 0.00	22.72 1.29 0.00	22.86 1.21 -0.02	23.56 1.20 -0.07	23.81 1.33 -0.01	24.92 1.47 -0.16	27.88 1.95 -0.55	30.02 1.81 -0.69	32.86 2.09 -0.86	41.35 2.63 -1.66	41.87 2.33 -1.40	40.78 2.63 -1.10	36.39 2.45 -0.86	31.40 2.27 -0.42	24.34 1.86 0.00	22.91 1.64 0.00
NYPA_GOWANUS__GT5 24156	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.06 1.35 0.00	22.67 1.24 0.00	22.92 1.28 -0.02	23.60 1.25 -0.07	23.63 1.15 -0.01	24.81 1.35 -0.16	27.52 1.60 -0.55	29.74 1.54 -0.69	32.32 1.55 -0.86	41.31 2.59 -1.66	41.95 2.40 -1.40	40.33 2.19 -1.10	35.86 1.92 -0.86	30.98 1.84 -0.42	23.80 1.33 0.00	22.42 1.15 0.00
NYPA_GOWANUS__GT6 24157	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.06 1.35 0.00	22.67 1.24 0.00	22.92 1.28 -0.02	23.60 1.25 -0.07	23.63 1.15 -0.01	24.81 1.35 -0.16	27.52 1.60 -0.55	29.74 1.54 -0.69	32.32 1.55 -0.86	41.31 2.59 -1.66	41.95 2.40 -1.40	40.33 2.19 -1.10	35.86 1.92 -0.86	30.98 1.84 -0.42	23.80 1.33 0.00	22.42 1.15 0.00
NYPA_HARLEM_RVR_GT1 24160	19.96 0.50 -7.91	18.52 0.46 -9.61	17.72 0.37 -10.10	17.05 0.28 -10.91	17.81 0.32 -9.62	19.40 0.41 -8.02	21.49 0.61 -4.33	22.46 0.90 -2.05	22.86 1.15 0.01	22.47 1.05 0.01	22.72 1.08 -0.01	23.37 1.03 -0.06	23.42 0.94 -0.01	24.57 1.12 -0.15	27.21 1.29 -0.54	29.48 1.29 -0.69	32.01 1.26 -0.85	40.82 2.11 -1.65	41.48 1.94 -1.40	39.88 1.74 -1.09	35.45 1.52 -0.86	30.56 1.44 -0.41	23.53 1.06 0.00	22.20 0.93 0.00
NYPA_HARLEM_RVR_GT2 24161	19.96 0.50 -7.91	18.52 0.46 -9.61	17.72 0.37 -10.10	17.05 0.28 -10.91	17.81 0.32 -9.62	19.40 0.41 -8.02	21.49 0.61 -4.33	22.46 0.90 -2.05	22.86 1.15 0.01	22.47 1.05 0.01	22.72 1.08 -0.01	23.37 1.03 -0.06	23.42 0.94 -0.01	24.57 1.12 -0.15	27.21 1.29 -0.54	29.48 1.29 -0.69	32.01 1.26 -0.85	40.82 2.11 -1.65	41.48 1.94 -1.40	39.88 1.74 -1.09	35.45 1.52 -0.86	30.56 1.44 -0.41	23.53 1.06 0.00	22.20 0.93 0.00
NYPA_KENT__GT 24152	20.02 0.55 -7.91	18.53 0.46 -9.61	17.73 0.38 -10.10	17.07 0.30 -10.91	17.86 0.36 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.60 1.03 -2.05	23.04 1.32 0.00	22.65 1.22 0.00	22.88 1.23 -0.02	23.56 1.20 -0.07	23.61 1.12 -0.01	24.76 1.30 -0.16	27.47 1.55 -0.55	29.71 1.51 -0.69	32.29 1.52 -0.86	41.24 2.52 -1.66	41.87 2.33 -1.40	40.26 2.11 -1.10	35.82 1.88 -0.86	30.89 1.75 -0.42	23.75 1.28 0.00	22.37 1.11 0.00
NYPA_POUCH1__GT 24155	20.10 0.64 -7.91	18.58 0.52 -9.61	17.77 0.42 -10.10	17.11 0.33 -10.91	17.90 0.40 -9.62	19.47 0.47 -8.02	21.64 0.76 -4.34	22.62 1.05 -2.05	23.02 1.30 0.00	22.61 1.18 0.00	22.88 1.23 -0.02	23.54 1.18 -0.07	23.59 1.10 -0.01	24.78 1.33 -0.16	27.52 1.60 -0.55	29.57 1.37 -0.69	32.07 1.31 -0.85	41.08 2.37 -1.65	41.75 2.21 -1.40	40.06 1.93 -1.09	35.62 1.69 -0.86	30.92 1.78 -0.42	23.91 1.44 0.00	22.55 1.28 0.00
NYPA_VERNON__GT2 24162	20.01 0.54 -7.91	18.51 0.45 -9.61	17.72 0.37 -10.10	17.06 0.29 -10.91	17.84 0.35 -9.62	19.43 0.44 -8.02	21.61 0.73 -4.34	22.58 1.01 -2.05	23.02 1.30 0.00	22.61 1.18 0.00	22.86 1.21 -0.02	23.54 1.18 -0.07	23.59 1.10 -0.01	24.74 1.28 -0.16	27.42 1.50 -0.55	29.68 1.48 -0.69	32.26 1.49 -0.86	41.12 2.41 -1.66	41.79 2.25 -1.40	40.18 2.04 -1.10	35.76 1.82 -0.86	30.80 1.66 -0.42	23.69 1.21 0.00	22.31 1.04 0.00

NYPA_VERNON____GT3 24163	20.01 0.54 -7.91	18.51 0.45 -9.61	17.72 0.37 -10.10	17.06 0.29 -10.91	17.84 0.35 -9.62	19.43 0.44 -8.02	21.61 0.73 -4.34	22.58 1.01 -2.05	23.02 1.30 0.00	22.61 1.18 0.00	22.86 1.21 -0.02	23.54 1.18 -0.07	23.59 1.10 -0.01	24.74 1.28 -0.16	27.42 1.50 -0.55	29.68 1.48 -0.69	32.26 1.49 -0.86	41.12 2.41 -1.66	41.79 2.25 -1.40	40.18 2.04 -1.10	35.76 1.82 -0.86	30.80 1.66 -0.42	23.69 1.21 0.00	22.31 1.04 0.00
NYPA____ASTORIA_CC1 323568	19.99 0.52 -7.91	18.51 0.44 -9.61	17.72 0.36 -10.10	17.05 0.28 -10.91	17.83 0.34 -9.62	19.42 0.43 -8.02	21.58 0.69 -4.34	22.56 0.99 -2.05	22.97 1.26 0.00	22.59 1.16 0.00	22.81 1.17 -0.02	23.49 1.14 -0.07	23.54 1.06 -0.01	24.69 1.23 -0.16	27.37 1.45 -0.55	29.63 1.43 -0.69	32.20 1.44 -0.86	41.09 2.37 -1.66	41.71 2.17 -1.40	40.11 1.96 -1.10	35.69 1.75 -0.86	30.74 1.61 -0.42	23.64 1.17 0.00	22.27 1.00 0.00
NYPA____ASTORIA_CC2 323569	19.99 0.52 -7.91	18.51 0.44 -9.61	17.72 0.36 -10.10	17.05 0.28 -10.91	17.83 0.34 -9.62	19.42 0.43 -8.02	21.58 0.69 -4.34	22.56 0.99 -2.05	22.97 1.26 0.00	22.59 1.16 0.00	22.81 1.17 -0.02	23.49 1.14 -0.07	23.54 1.06 -0.01	24.69 1.23 -0.16	27.37 1.45 -0.55	29.63 1.43 -0.69	32.20 1.44 -0.86	41.09 2.37 -1.66	41.71 2.17 -1.40	40.11 1.96 -1.10	35.69 1.75 -0.86	30.74 1.61 -0.42	23.64 1.17 0.00	22.27 1.00 0.00
NYPA____HOLTSVILL 23794	20.32 0.86 -7.91	18.52 0.45 -9.61	17.75 0.40 -10.10	17.09 0.32 -10.91	18.04 0.54 -9.62	19.71 0.71 -8.02	21.58 0.69 -4.34	22.53 0.96 -2.06	22.93 1.22 0.00	22.54 1.11 0.00	22.68 1.04 -0.02	23.38 1.03 -0.07	23.65 1.17 -0.01	24.71 1.26 -0.16	27.65 1.73 -0.55	29.79 1.59 -0.69	32.62 1.85 -0.86	40.94 2.22 -1.66	41.45 1.91 -1.40	40.41 2.26 -1.10	36.09 2.15 -0.86	31.17 2.04 -0.42	24.18 1.71 0.00	22.78 1.51 0.00
NYPA____HELLGATE_GT1 24158	19.96 0.50 -7.91	18.52 0.46 -9.61	17.72 0.37 -10.10	17.05 0.28 -10.91	17.81 0.32 -9.62	19.40 0.41 -8.02	21.49 0.61 -4.33	22.46 0.90 -2.05	22.86 1.15 0.01	22.47 1.05 0.01	22.72 1.08 -0.01	23.37 1.03 -0.06	23.42 0.94 -0.01	24.57 1.12 -0.15	27.21 1.29 -0.54	29.48 1.29 -0.69	32.01 1.26 -0.85	40.82 2.11 -1.65	41.48 1.94 -1.40	39.88 1.74 -1.09	35.45 1.52 -0.86	30.56 1.44 -0.41	23.53 1.06 0.00	22.20 0.93 0.00
NYPA____HELLGATE_GT2 24159	19.96 0.50 -7.91	18.52 0.46 -9.61	17.72 0.37 -10.10	17.05 0.28 -10.91	17.81 0.32 -9.62	19.40 0.41 -8.02	21.49 0.61 -4.33	22.46 0.90 -2.05	22.86 1.15 0.01	22.47 1.05 0.01	22.72 1.08 -0.01	23.37 1.03 -0.06	23.42 0.94 -0.01	24.57 1.12 -0.15	27.21 1.29 -0.54	29.48 1.29 -0.69	32.01 1.26 -0.85	40.82 2.11 -1.65	41.48 1.94 -1.40	39.88 1.74 -1.09	35.45 1.52 -0.86	30.56 1.44 -0.41	23.53 1.06 0.00	22.20 0.93 0.00
NYS_BARGE____HYD 23848	12.94 0.13 -1.26	10.09 0.10 -1.53	8.99 0.12 -1.61	7.71 0.11 -1.74	9.52 0.12 -1.53	12.34 0.09 -1.28	17.18 -0.05 -0.69	19.62 -0.23 -0.34	21.43 -0.28 0.00	21.47 0.04 0.00	21.84 0.22 0.00	22.54 0.25 0.00	22.83 0.36 0.00	23.74 0.44 0.00	25.62 0.25 0.00	27.84 0.33 0.00	30.05 0.15 0.00	36.20 -0.85 0.00	37.22 -0.92 0.00	36.64 -0.41 0.00	32.81 -0.27 0.00	28.48 -0.23 0.00	22.72 0.25 0.00	21.67 0.40 0.00
OAK ORCHARD____HYD 24046	12.82 0.24 -1.02	9.87 0.17 -1.24	8.72 0.16 -1.30	7.40 0.13 -1.40	9.27 0.16 -1.24	12.19 0.19 -1.03	17.28 0.18 -0.56	19.98 0.20 -0.27	21.82 0.11 0.00	21.71 0.28 0.00	21.97 0.34 0.00	22.67 0.38 0.00	22.94 0.47 0.00	23.84 0.54 0.00	25.85 0.48 0.00	28.03 0.52 0.00	30.35 0.45 0.00	37.02 -0.04 0.00	38.10 -0.04 0.00	37.34 0.29 0.00	33.37 0.30 0.00	28.94 0.23 0.00	22.85 0.38 0.00	21.69 0.43 0.00
OAKDALE____35_KV_LOAD 356122	14.33 0.20 -2.58	11.75 0.15 -3.14	10.68 0.13 -3.30	9.53 0.11 -3.56	11.15 0.14 -3.14	13.78 0.19 -2.62	18.24 0.28 -1.42	20.50 0.29 -0.70	22.06 0.35 0.00	21.90 0.47 0.00	22.08 0.45 0.00	22.85 0.56 0.00	23.03 0.56 0.00	23.93 0.63 0.00	26.03 0.66 0.00	28.17 0.66 0.00	30.68 0.78 0.00	37.68 0.63 0.00	38.82 0.69 0.00	37.79 0.74 0.00	33.80 0.73 0.00	29.29 0.57 0.00	22.97 0.49 0.00	21.76 0.49 0.00
OCC_CHEM____DRP 24175	12.86 0.02 -1.28	10.06 0.04 -1.56	8.98 0.09 -1.63	7.71 0.08 -1.77	9.51 0.08 -1.56	12.26 -0.01 -1.30	16.91 -0.33 -0.70	19.25 -0.60 -0.34	20.95 -0.76 0.00	21.02 -0.41 0.00	21.23 -0.39 0.00	22.02 -0.27 0.00	22.31 -0.16 0.00	23.21 -0.09 0.00	25.06 -0.30 0.00	26.87 -0.63 0.00	29.36 -0.54 0.00	34.94 -2.11 0.00	36.12 -2.02 0.00	35.68 -1.37 0.00	32.12 -0.96 0.00	27.85 -0.86 0.00	22.20 -0.27 0.00	21.23 -0.04 0.00
OH_GEN_PROXY 24063	12.90 0.08 -1.26	10.07 0.08 -1.54	8.97 0.10 -1.61	7.70 0.09 -1.74	9.50 0.09 -1.54	12.30 0.04 -1.28	17.10 -0.13 -0.69	19.50 -0.35 -0.34	21.30 -0.41 0.00	21.32 -0.11 0.00	21.64 0.02 0.00	22.33 0.04 0.00	22.63 0.16 0.00	23.51 0.21 0.00	25.39 0.03 0.00	27.56 0.06 0.00	29.90 -0.15 -0.15	35.65 -1.26 0.15	36.80 -1.34 0.00	36.20 -0.85 0.00	32.48 -0.59 0.00	28.22 -0.49 0.00	22.47 0.00 0.00	21.46 0.19 0.00
OLIN_CORP_DRP 24177	12.84 -0.01 -1.30	10.03 0.00 -1.57	8.95 0.04 -1.65	7.69 0.04 -1.79	9.47 0.02 -1.58	12.23 -0.05 -1.31	16.99 -0.26 -0.71	19.33 -0.53 -0.35	21.04 -0.67 0.00	21.13 -0.30 0.00	21.34 -0.28 0.00	22.13 -0.16 0.00	22.43 -0.04 0.00	23.32 0.02 0.00	25.19 -0.18 0.00	27.04 -0.47 0.00	29.54 -0.36 0.00	35.20 -1.85 0.00	36.38 -1.75 0.00	35.94 -1.11 0.00	32.31 -0.76 0.00	27.99 -0.72 0.00	22.34 -0.13 0.00	21.33 0.06 0.00
OLIN_CORP_DSASP 323712	12.86 0.02 -1.28	10.06 0.04 -1.56	8.98 0.09 -1.63	7.71 0.08 -1.77	9.51 0.08 -1.56	12.26 -0.01 -1.30	16.91 -0.33 -0.70	19.25 -0.61 -0.34	21.00 -0.72 0.00	21.05 -0.39 0.00	21.36 -0.26 0.00	22.05 -0.24 0.00	22.36 -0.11 0.00	23.23 -0.07 0.00	25.07 -0.30 0.00	27.20 -0.30 0.00	29.36 -0.54 0.00	35.28 -1.78 0.00	36.27 -1.87 0.00	35.68 -1.37 0.00	32.01 -1.06 0.00	27.85 -0.86 0.00	22.20 -0.27 0.00	21.23 -0.04 0.00
ONEIDA_HERK_LFGE 323681	11.87 0.02 -0.29	8.82 0.01 -0.36	7.64 0.01 -0.38	6.28 0.01 -0.41	8.29 0.06 -0.36	11.36 0.09 -0.30	16.85 0.15 -0.16	19.65 0.06 -0.08	21.63 -0.09 0.00	21.39 -0.04 0.00	21.64 0.02 0.00	22.33 0.04 0.00	22.40 -0.07 0.00	23.21 -0.09 0.00	25.32 -0.05 0.00	27.53 0.03 0.00	30.05 0.15 0.00	37.39 0.33 0.00	38.71 0.57 0.00	37.53 0.48 0.00	33.50 0.43 0.00	28.94 0.23 0.00	22.72 0.25 0.00	21.40 0.13 0.00
ONEIDA____115KV_TB4 55905	12.28 0.22 -0.50	9.22 0.15 -0.61	8.02 0.12 -0.64	6.66 0.11 -0.70	8.67 0.19 -0.61	11.75 0.26 -0.51	17.25 0.43 -0.28	20.06 0.41 -0.14	22.02 0.30 0.00	21.82 0.39 0.00	21.99 0.37 0.00	22.82 0.53 0.00	22.92 0.45 0.00	23.77 0.47 0.00	25.95 0.58 0.00	28.17 0.66 0.00	30.74 0.84 0.00	38.06 1.00 0.00	39.32 1.18 0.00	38.16 1.11 0.00	34.07 0.99 0.00	29.40 0.69 0.00	23.03 0.56 0.00	21.74 0.47 0.00

ONONDAGA_REF_OCCRA 23987	12.52 0.05 -0.92	9.60 0.03 -1.11	8.45 0.02 -1.17	7.14 0.02 -1.26	9.02 0.03 -1.11	11.96 0.05 -0.93	17.14 0.10 -0.50	19.88 0.12 -0.24	21.82 0.11 0.00	21.58 0.15 0.00	21.75 0.13 0.00	22.51 0.22 0.00	22.63 0.16 0.00	23.49 0.19 0.00	25.60 0.23 0.00	27.70 0.19 0.00	30.11 0.21 0.00	37.09 0.04 0.00	38.21 0.08 0.00	37.16 0.11 0.00	33.17 0.10 0.00	28.77 0.06 0.00	22.52 0.04 0.00	21.38 0.11 0.00
ONONDAGA___COGEN 23986	12.45 0.05 -0.85	9.53 0.03 -1.04	8.37 0.02 -1.09	7.06 0.02 -1.18	8.95 0.04 -1.04	11.90 0.07 -0.86	17.11 0.10 -0.47	19.86 0.12 -0.23	21.80 0.09 0.00	21.58 0.15 0.00	21.75 0.13 0.00	22.51 0.22 0.00	22.63 0.16 0.00	23.49 0.19 0.00	25.55 0.18 0.00	27.67 0.17 0.00	30.11 0.21 0.00	37.09 0.04 0.00	38.21 0.08 0.00	37.16 0.11 0.00	33.21 0.13 0.00	28.77 0.06 0.00	22.52 0.04 0.00	21.38 0.11 0.00
ONTARIO___LFGE 23819	13.02 0.27 -1.20	10.11 0.19 -1.45	8.95 0.17 -1.53	7.65 0.13 -1.65	9.51 0.19 -1.45	12.48 0.30 -1.21	17.64 0.45 -0.66	20.34 0.51 -0.32	22.15 0.43 0.00	22.01 0.58 0.00	22.34 0.71 0.00	23.09 0.80 0.00	23.21 0.74 0.00	24.16 0.86 0.00	26.26 0.89 0.00	28.49 0.99 0.00	30.95 1.05 0.00	37.91 0.85 0.00	39.09 0.95 0.00	38.08 1.04 0.00	34.00 0.92 0.00	29.46 0.75 0.00	23.17 0.70 0.00	21.93 0.66 0.00
ORANGEVILLE_WT_PWR 323706	13.30 0.22 -1.53	10.47 0.16 -1.86	9.36 0.15 -1.95	8.10 0.13 -2.11	9.88 0.15 -1.86	12.69 0.16 -1.55	17.54 0.17 -0.84	20.00 0.08 -0.41	21.89 0.17 0.00	21.94 0.51 0.00	22.32 0.69 0.00	23.07 0.78 0.00	23.33 0.85 0.00	24.28 0.98 0.00	26.26 0.89 0.00	28.52 1.02 0.00	30.83 0.93 0.00	37.32 0.26 0.00	38.41 0.27 0.00	37.60 0.56 0.00	33.64 0.56 0.00	29.14 0.43 0.00	23.15 0.67 0.00	21.97 0.70 0.00
ORANGEVILLE___ESR 323794	13.30 0.22 -1.53	10.47 0.16 -1.86	9.36 0.15 -1.95	8.10 0.13 -2.11	9.88 0.15 -1.86	12.69 0.16 -1.55	17.54 0.17 -0.84	20.00 0.08 -0.41	21.89 0.17 0.00	21.94 0.51 0.00	22.32 0.69 0.00	23.07 0.78 0.00	23.33 0.85 0.00	24.28 0.98 0.00	26.26 0.89 0.00	28.52 1.02 0.00	30.83 0.93 0.00	37.32 0.26 0.00	38.41 0.27 0.00	37.60 0.56 0.00	33.64 0.56 0.00	29.14 0.43 0.00	23.15 0.67 0.00	21.97 0.70 0.00
OSWEGATCHIE___HYD 24044	11.05 -0.80 -0.29	8.22 -0.59 -0.36	7.16 -0.47 -0.38	5.88 -0.39 -0.41	7.70 -0.53 -0.36	10.57 -0.70 -0.30	15.63 -1.07 -0.16	18.13 -1.46 -0.08	19.98 -1.74 0.00	19.57 -1.86 0.00	19.76 -1.86 0.00	20.33 -1.96 0.00	20.22 -2.25 0.00	20.90 -2.40 0.00	22.88 -2.49 0.00	24.85 -2.67 -0.01	27.30 -2.60 0.00	34.31 -2.74 0.00	36.19 -1.94 0.00	34.67 -2.37 0.00	31.06 -2.02 0.00	26.96 -1.75 0.00	21.24 -1.24 0.00	19.91 -1.36 0.00
OSWEGO___5 23606	12.01 -0.15 -0.61	9.09 -0.11 -0.74	7.94 -0.09 -0.77	6.62 -0.08 -0.84	8.52 -0.09 -0.74	11.46 -0.13 -0.62	16.67 -0.20 -0.33	19.42 -0.25 -0.16	21.36 -0.35 0.00	21.13 -0.30 0.00	21.32 -0.30 0.00	21.98 -0.31 0.00	22.16 -0.31 0.00	22.95 -0.35 0.00	24.96 -0.41 0.00	27.06 -0.44 0.00	29.42 -0.48 0.00	36.31 -0.74 0.00	37.41 -0.73 0.00	36.38 -0.67 0.00	32.48 -0.59 0.00	28.20 -0.52 0.00	22.09 -0.38 0.00	20.99 -0.28 0.00
OSWEGO___6 23613	12.01 -0.15 -0.61	9.09 -0.11 -0.74	7.94 -0.09 -0.77	6.62 -0.08 -0.84	8.52 -0.09 -0.74	11.46 -0.13 -0.62	16.67 -0.20 -0.33	19.42 -0.25 -0.16	21.36 -0.35 0.00	21.13 -0.30 0.00	21.32 -0.30 0.00	21.98 -0.31 0.00	22.16 -0.31 0.00	22.95 -0.35 0.00	24.96 -0.41 0.00	27.06 -0.44 0.00	29.42 -0.48 0.00	36.31 -0.74 0.00	37.41 -0.73 0.00	36.38 -0.67 0.00	32.48 -0.59 0.00	28.20 -0.52 0.00	22.09 -0.38 0.00	20.99 -0.28 0.00
OUTOKUMPU-AB___DRP 24206	13.09 0.23 -1.31	10.22 0.18 -1.59	9.12 0.20 -1.67	7.83 0.16 -1.80	9.66 0.20 -1.59	12.49 0.19 -1.33	17.32 0.07 -0.72	19.77 -0.10 -0.35	21.56 -0.15 0.00	21.69 0.26 0.00	21.95 0.32 0.00	22.78 0.49 0.00	23.06 0.58 0.00	24.00 0.70 0.00	25.90 0.53 0.00	27.84 0.33 0.00	30.44 0.54 0.00	36.31 -0.74 0.00	37.53 -0.61 0.00	37.01 -0.04 0.00	33.24 0.17 0.00	28.74 0.03 0.00	22.97 0.49 0.00	21.89 0.62 0.00
OXBOW____ 24026	13.00 0.15 -1.29	10.17 0.13 -1.57	9.07 0.16 -1.65	7.78 0.13 -1.78	9.60 0.16 -1.57	12.40 0.11 -1.31	17.17 -0.08 -0.71	19.57 -0.29 -0.35	21.36 -0.35 0.00	21.43 0.00 0.00	21.80 0.17 0.00	22.49 0.20 0.00	22.79 0.31 0.00	23.70 0.40 0.00	25.55 0.18 0.00	27.78 0.28 0.00	29.99 0.09 0.00	36.09 -0.96 0.00	37.11 -1.03 0.00	36.49 -0.55 0.00	32.68 -0.40 0.00	28.37 -0.34 0.00	22.65 0.18 0.00	21.61 0.34 0.00
OXY_CHEM_DSASP 323612	12.86 0.02 -1.28	10.06 0.04 -1.56	8.98 0.09 -1.63	7.71 0.08 -1.77	9.51 0.08 -1.56	12.26 -0.01 -1.30	16.91 -0.33 -0.70	19.25 -0.60 -0.34	20.95 -0.76 0.00	21.02 -0.41 0.00	21.23 -0.39 0.00	22.02 -0.27 0.00	22.31 -0.16 0.00	23.21 -0.09 0.00	25.06 -0.30 0.00	26.87 -0.63 0.00	29.36 -0.54 0.00	34.94 -2.11 0.00	36.12 -2.02 0.00	35.68 -1.37 0.00	32.12 -0.96 0.00	27.85 -0.86 0.00	22.20 -0.27 0.00	21.23 -0.04 0.00
OZONE_PARK_ESR 323760	20.07 0.60 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.31 -10.91	17.87 0.38 -9.62	19.50 0.50 -8.02	21.71 0.83 -4.34	22.70 1.13 -2.05	23.15 1.43 0.00	22.74 1.31 0.00	23.01 1.36 -0.02	23.67 1.32 -0.07	23.83 1.35 -0.01	24.88 1.42 -0.16	27.57 1.65 -0.55	29.99 1.79 -0.69	32.50 1.73 -0.86	41.46 2.74 -1.66	42.10 2.56 -1.40	40.44 2.30 -1.10	35.99 2.05 -0.86	31.02 1.90 -0.42	23.82 1.35 0.00	22.44 1.17 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	12.86 0.02 -1.28	10.06 0.04 -1.56	8.98 0.09 -1.63	7.71 0.08 -1.77	9.51 0.08 -1.56	12.26 -0.01 -1.30	16.91 -0.33 -0.70	19.25 -0.60 -0.34	20.95 -0.76 0.00	21.02 -0.41 0.00	21.23 -0.39 0.00	22.02 -0.27 0.00	22.31 -0.16 0.00	23.21 -0.09 0.00	25.06 -0.30 0.00	26.87 -0.63 0.00	29.36 -0.54 0.00	34.94 -2.11 0.00	36.12 -2.02 0.00	35.68 -1.37 0.00	32.12 -0.96 0.00	27.85 -0.86 0.00	22.20 -0.27 0.00	21.23 -0.04 0.00
PACKARD__115KV_DUPONT_184 80571	12.86 0.02 -1.28	10.06 0.04 -1.56	8.98 0.09 -1.63	7.71 0.08 -1.77	9.51 0.08 -1.56	12.26 -0.01 -1.30	16.91 -0.33 -0.70	19.25 -0.60 -0.34	20.95 -0.76 0.00	21.02 -0.41 0.00	21.23 -0.39 0.00	22.02 -0.27 0.00	22.31 -0.16 0.00	23.21 -0.09 0.00	25.06 -0.30 0.00	26.87 -0.63 0.00	29.36 -0.54 0.00	34.94 -2.11 0.00	36.12 -2.02 0.00	35.68 -1.37 0.00	32.12 -0.96 0.00	27.85 -0.86 0.00	22.20 -0.27 0.00	21.23 -0.04 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.98 0.52 -7.91	18.52 0.46 -9.61	17.73 0.38 -10.10	17.05 0.28 -10.91	17.82 0.33 -9.62	19.40 0.41 -8.02	21.51 0.63 -4.34	22.47 0.90 -2.05	22.91 1.19 0.00	22.50 1.07 0.00	22.75 1.10 -0.02	23.40 1.05 -0.07	23.56 1.08 -0.01	24.60 1.14 -0.16	27.27 1.34 -0.55	29.63 1.43 -0.69	32.11 1.35 -0.86	41.01 2.30 -1.66	41.60 2.06 -1.40	39.96 1.82 -1.10	35.53 1.59 -0.86	30.62 1.49 -0.42	23.53 1.06 0.00	22.25 0.98 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.01 0.54 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.07 0.30 -10.91	17.85 0.35 -9.62	19.45 0.45 -8.02	21.54 0.66 -4.34	22.51 0.94 -2.05	22.86 1.15 0.00	22.46 1.03 0.00	22.71 1.06 -0.02	23.47 1.11 -0.07	23.59 1.10 -0.01	24.60 1.14 -0.16	27.27 1.34 -0.55	29.63 1.43 -0.69	32.08 1.32 -0.86	41.01 2.30 -1.66	41.64 2.10 -1.40	40.00 1.85 -1.10	35.56 1.62 -0.86	30.68 1.55 -0.42	23.69 1.21 0.00	22.42 1.15 0.00
PATROON__115KV_TB1 80586	21.86 0.13 -10.18	20.90 0.08 -12.36	20.32 0.07 -12.99	19.96 0.06 -14.03	20.35 0.09 -12.38	21.43 0.13 -10.32	22.29 0.17 -5.59	22.37 0.20 -2.66	22.00 0.28 0.00	21.58 0.15 0.00	21.80 0.19 0.02	22.42 0.18 0.05	22.71 0.25 0.01	23.44 0.26 0.12	25.24 0.28 0.41	27.37 0.39 0.52	29.68 0.42 0.64	36.60 0.78 1.23	37.90 0.80 1.04	36.93 0.70 0.82	33.03 0.60 0.64	28.92 0.52 0.31	22.85 0.38 0.00	21.52 0.26 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	13.06 0.08 -1.42	10.24 0.06 -1.73	9.14 0.07 -1.81	7.89 0.06 -1.96	9.66 0.06 -1.73	12.45 0.03 -1.44	17.29 -0.03 -0.79	19.74 -0.16 -0.38	21.80 0.09 0.00	21.97 0.54 0.00	22.23 0.61 0.00	23.09 0.80 0.00	23.35 0.88 0.00	24.35 1.05 0.00	26.31 0.94 0.00	28.30 0.80 0.00	30.98 1.08 0.00	37.13 0.07 0.00	38.33 0.19 0.00	37.68 0.63 0.00	33.70 0.63 0.00	29.14 0.43 0.00	23.19 0.72 0.00	22.03 0.77 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.05 0.51 -7.99	18.55 0.39 -9.70	17.77 0.32 -10.19	17.13 0.26 -11.01	17.92 0.33 -9.71	19.52 0.45 -8.10	21.70 0.78 -4.38	22.51 0.92 -2.07	22.91 1.19 0.00	22.50 1.07 0.00	22.79 1.15 -0.02	23.47 1.11 -0.06	23.68 1.19 -0.01	24.65 1.21 -0.14	27.24 1.37 -0.50	29.71 1.57 -0.63	32.24 1.55 -0.78	40.94 2.37 -1.51	41.63 2.21 -1.28	40.05 2.00 -1.00	35.65 1.79 -0.79	30.73 1.64 -0.38	23.66 1.19 0.00	22.23 0.96 0.00
PEEKSKILL____ 23653	19.86 0.47 -7.83	18.34 0.37 -9.51	17.55 0.30 -9.99	16.91 0.25 -10.80	17.70 0.31 -9.52	19.32 0.41 -7.94	21.50 0.66 -4.30	22.41 0.86 -2.03	22.80 1.09 0.00	22.44 1.01 0.00	22.66 1.02 -0.02	23.36 1.00 -0.07	23.43 0.94 -0.01	24.55 1.10 -0.15	27.18 1.27 -0.54	29.51 1.32 -0.68	32.12 1.38 -0.85	40.72 2.04 -1.63	41.42 1.91 -1.38	39.87 1.74 -1.08	35.51 1.59 -0.85	30.59 1.46 -0.41	23.55 1.08 0.00	22.14 0.87 0.00
PGE MADISON__WINDPWR 24146	14.74 0.73 -2.46	11.96 0.52 -2.99	10.80 0.41 -3.14	9.62 0.36 -3.39	11.49 0.63 -2.99	14.36 0.89 -2.49	19.31 1.42 -1.35	21.70 1.46 -0.72	23.10 1.39 0.00	22.97 1.54 0.00	23.23 1.60 0.00	24.06 1.76 -0.01	24.25 1.77 0.00	25.19 1.86 -0.02	27.61 2.16 -0.08	30.25 2.64 -0.10	33.14 3.11 -0.13	41.19 3.89 -0.25	42.77 4.42 -0.21	41.58 4.37 -0.16	37.10 3.90 -0.13	31.65 2.87 -0.06	24.63 2.16 0.00	23.12 1.85 0.00
PIERCEFIELD__HYD 23852	10.40 -1.37 -0.22	7.71 -1.02 -0.27	6.74 -0.81 -0.29	5.50 -0.67 -0.31	7.18 -0.97 -0.27	9.89 -1.31 -0.23	14.66 -2.00 -0.12	17.02 -2.56 -0.06	18.91 -2.80 0.00	18.43 -3.00 0.00	18.55 -3.07 0.00	19.06 -3.23 0.00	18.92 -3.55 0.00	19.48 -3.82 0.00	21.39 -3.98 0.00	23.15 -4.35 0.01	25.48 -4.43 0.00	32.24 -4.82 0.00	34.44 -3.70 0.00	32.60 -4.45 0.00	29.27 -3.80 0.00	25.53 -3.19 0.00	20.14 -2.34 0.00	18.84 -2.42 0.00
PINELAWN_CC_1 323563	20.29 0.82 -7.91	18.55 0.48 -9.61	17.76 0.41 -10.10	17.10 0.33 -10.91	18.02 0.52 -9.62	19.69 0.69 -8.02	21.69 0.81 -4.34	22.66 1.09 -2.06	23.08 1.37 0.00	22.69 1.26 0.00	22.83 1.19 -0.02	23.52 1.16 -0.07	23.59 1.10 -0.01	24.67 1.21 -0.16	27.57 1.65 -0.55	29.74 1.54 -0.69	32.53 1.76 -0.86	40.94 2.22 -1.66	41.37 1.83 -1.40	40.37 2.22 -1.10	36.09 2.15 -0.86	31.37 2.24 -0.42	24.29 1.82 0.00	22.84 1.57 0.00
PJM_GEN_HTP_PROXY 323702	20.00 0.53 -7.91	18.49 0.42 -9.61	17.70 0.35 -10.10	17.05 0.28 -10.91	17.83 0.34 -9.62	19.43 0.44 -8.02	21.61 0.73 -4.34	22.56 0.99 -2.05	22.97 1.26 0.00	22.59 1.16 0.00	22.81 1.17 -0.02	23.52 1.16 -0.07	23.56 1.08 -0.01	24.69 1.23 -0.16	27.37 1.45 -0.55	29.66 1.46 -0.69	32.40 1.49 -1.01	40.90 2.34 -1.51	41.71 2.17 -1.40	40.14 2.00 -1.10	35.72 1.78 -0.86	30.77 1.64 -0.42	23.69 1.21 0.00	22.29 1.02 0.00
PJM_GEN_KEystone 24065	16.73 0.28 -4.89	14.63 0.23 -5.94	13.70 0.20 -6.25	12.78 0.16 -6.75	14.01 0.18 -5.95	16.16 0.22 -4.96	19.54 0.31 -2.69	21.14 0.35 -1.28	22.23 0.52 0.00	22.07 0.64 0.00	22.33 0.69 -0.01	23.06 0.73 -0.04	23.18 0.70 -0.01	24.22 0.84 -0.08	26.55 0.89 -0.29	28.84 0.96 -0.37	31.43 0.93 -0.60	38.72 0.93 -0.74	39.72 0.84 -0.75	38.48 0.85 -0.58	34.36 0.83 -0.46	29.71 0.78 -0.22	23.19 0.72 0.00	21.91 0.64 0.00
PJM_GEN_NEPTUNE_PROXY 323594	20.15 0.68 -7.91	18.47 0.41 -9.61	17.70 0.34 -10.10	17.05 0.28 -10.91	17.92 0.42 -9.62	19.56 0.56 -8.02	21.56 0.68 -4.34	22.51 0.94 -2.06	22.86 1.15 0.00	22.48 1.05 0.00	22.68 1.04 -0.02	23.38 1.03 -0.07	23.56 1.08 -0.01	24.69 1.23 -0.16	27.55 1.63 -0.55	29.68 1.48 -0.69	32.55 1.64 -1.01	40.72 2.15 -1.51	41.45 1.91 -1.40	40.22 2.07 -1.10	35.89 1.95 -0.86	30.97 1.84 -0.42	24.00 1.53 0.00	22.59 1.32 0.00
PJM_GEN_VFT_PROXY 323633	19.95 0.49 -7.91	18.47 0.41 -9.61	17.69 0.34 -10.10	17.03 0.26 -10.91	17.79 0.30 -9.62	19.39 0.39 -8.02	21.51 0.63 -4.34	22.47 0.90 -2.05	22.46 1.13 0.00	22.46 1.03 0.00	22.71 1.06 -0.02	23.40 1.05 -0.07	23.43 0.94 -0.01	24.55 1.10 -0.16	27.22 1.29 -0.55	29.47 1.27 -0.69	32.19 1.28 -1.01	40.64 2.07 -1.51	41.45 1.91 -1.40	39.89 1.74 -1.10	35.49 1.55 -0.86	30.56 1.44 -0.42	23.60 1.12 0.00	22.20 0.93 0.00
PLATSBRG_115KV_PMLD1 355749	10.49 -1.24 -0.17	7.76 -0.91 -0.21	6.77 -0.70 -0.22	5.50 -0.60 -0.23	7.16 -0.91 -0.21	9.93 -1.22 -0.17	14.76 -1.87 -0.09	17.53 -2.03 -0.04	19.69 -2.02 0.00	19.33 -2.10 0.00	19.81 -1.82 0.00	20.37 -1.92 0.00	20.29 -2.18 0.00	20.99 -2.31 0.00	23.01 -2.36 0.00	24.83 -2.67 0.01	27.33 -2.57 0.00	34.57 -2.48 0.00	36.15 -1.98 0.00	34.19 -2.85 0.00	30.40 -2.68 0.00	26.24 -2.47 0.00	20.54 -1.93 0.00	19.23 -2.04 0.00
PLEASANTVLY__LBMP 24000	20.25 0.42 -8.28	18.84 0.32 -10.06	18.10 0.27 -10.57	17.50 0.22 -11.42	18.22 0.28 -10.08	19.73 0.36 -8.40	21.66 0.58 -4.55	22.41 0.74 -2.15	22.67 0.96 0.00	22.29 0.86 0.00	22.53 0.89 -0.02	23.21 0.85 -0.07	23.39 0.90 -0.02	24.40 0.93 -0.17	27.04 1.07 -0.60	29.45 1.18 -0.76	31.98 1.14 -0.94	40.68 1.82 -1.81	41.35 1.68 -1.53	39.73 1.48 -1.20	35.34 1.32 -0.94	30.40 1.23 -0.46	23.39 0.92 0.00	22.03 0.77 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	20.02 0.50 -7.96	18.51 0.38 -9.67	17.74 0.32 -10.16	17.10 0.25 -10.98	17.88 0.32 -9.69	19.48 0.43 -8.08	21.61 0.69 -4.37	22.50 0.92 -2.07	22.86 1.15 0.00	22.48 1.05 0.00	22.77 1.12 -0.02	23.43 1.07 -0.07	23.61 1.12 -0.01	24.62 1.16 -0.16	27.27 1.34 -0.56	29.69 1.49 -0.70	32.21 1.44 -0.87	40.96 2.22 -1.68	41.65 2.10 -1.42	40.05 1.89 -1.11	35.64 1.69 -0.87	30.68 1.55 -0.42	23.57 1.10 0.00	22.20 0.94 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	20.02 0.50 -7.96	18.51 0.38 -9.67	17.74 0.32 -10.16	17.10 0.25 -10.98	17.88 0.32 -9.69	19.48 0.43 -8.08	21.61 0.69 -4.37	22.50 0.92 -2.07	22.86 1.15 0.00	22.48 1.05 0.00	22.77 1.12 -0.02	23.43 1.07 -0.07	23.61 1.12 -0.01	24.62 1.16 -0.16	27.27 1.34 -0.56	29.69 1.49 -0.70	32.21 1.44 -0.87	40.96 2.22 -1.68	41.65 2.10 -1.42	40.05 1.89 -1.11	35.64 1.69 -0.87	30.68 1.55 -0.42	23.57 1.10 0.00	22.20 0.94 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.07 0.44 -8.08	18.62 0.35 -9.81	17.84 0.28 -10.31	17.23 0.22 -11.14	17.97 0.27 -9.83	19.54 0.37 -8.19	21.62 0.65 -4.44	22.45 0.84 -2.10	22.76 1.04 0.00	22.37 0.94 0.00	22.62 0.99 0.00	23.25 0.96 0.00	23.48 1.01 0.00	24.35 1.05 0.00	26.56 1.19 0.00	28.83 1.32 0.00	31.16 1.26 0.00	39.09 2.04 0.00	39.97 1.83 0.00	38.68 1.63 0.00	34.60 1.52 0.00	30.09 1.38 0.00	23.53 1.06 0.00	22.08 0.81 0.00
POLETTI____ 23519	19.98 0.52 -7.91	18.48 0.41 -9.61	17.70 0.35 -10.10	17.04 0.27 -10.91	17.82 0.33 -9.62	19.41 0.42 -8.02	21.56 0.68 -4.34	22.49 0.94 -2.04	22.89 1.19 0.02	22.51 1.09 0.02	22.78 1.15 -0.01	23.43 1.09 -0.05	23.59 1.12 0.00	24.63 1.19 -0.14	27.28 1.37 -0.54	29.67 1.49 -0.68	32.15 1.41 -0.84	41.00 2.30 -1.64	41.62 2.10 -1.39	39.98 1.85 -1.08	35.58 1.65 -0.85	30.66 1.55 -0.40	23.60 1.12 0.00	22.25 0.98 0.00
PORT_JEFF_3 23555	20.36 0.89 -7.91	18.53 0.46 -9.61	17.77 0.41 -10.10	17.10 0.33 -10.91	18.06 0.57 -9.62	19.74 0.75 -8.02	21.63 0.74 -4.34	22.56 0.99 -2.06	22.99 1.28 0.00	22.61 1.18 0.00	22.73 1.08 -0.02	23.43 1.07 -0.07	23.72 1.24 -0.01	24.81 1.35 -0.16	27.75 1.83 -0.55	29.91 1.71 -0.69	32.74 1.97 -0.86	41.01 2.30 -1.66	41.56 2.02 -1.40	40.59 2.44 -1.10	36.22 2.28 -0.86	31.28 2.15 -0.42	24.25 1.77 0.00	22.84 1.57 0.00
PORT_JEFF_4 23616	20.36 0.89 -7.91	18.53 0.46 -9.61	17.77 0.41 -10.10	17.10 0.33 -10.91	18.06 0.57 -9.62	19.74 0.75 -8.02	21.63 0.74 -4.34	22.56 0.99 -2.06	22.99 1.28 0.00	22.61 1.18 0.00	22.73 1.08 -0.02	23.43 1.07 -0.07	23.72 1.24 -0.01	24.81 1.35 -0.16	27.75 1.83 -0.55	29.91 1.71 -0.69	32.74 1.97 -0.86	41.01 2.30 -1.66	41.56 2.02 -1.40	40.59 2.44 -1.10	36.22 2.28 -0.86	31.28 2.15 -0.42	24.25 1.77 0.00	22.84 1.57 0.00
PORT_JEFF_IC 23713	20.38 0.91 -7.91	18.54 0.47 -9.61	17.78 0.42 -10.10	17.11 0.34 -10.91	18.08 0.58 -9.62	19.75 0.76 -8.02	21.63 0.74 -4.34	22.58 1.01 -2.06	23.04 1.32 0.00	22.65 1.22 0.00	22.75 1.10 -0.02	23.45 1.09 -0.07	23.77 1.28 -0.01	24.85 1.40 -0.16	27.80 1.88 -0.55	29.96 1.76 -0.69	32.80 2.03 -0.86	40.94 2.22 -1.66	41.49 1.94 -1.40	40.70 2.55 -1.10	36.32 2.38 -0.86	31.34 2.21 -0.42	24.27 1.80 0.00	22.88 1.62 0.00
PPL PILGRIM_ST_GT1 24216	20.34 0.88 -7.91	18.56 0.49 -9.61	17.78 0.43 -10.10	17.11 0.34 -10.91	18.06 0.56 -9.62	19.73 0.74 -8.02	21.71 0.83 -4.34	22.66 1.09 -2.06	23.10 1.39 0.00	22.72 1.29 0.00	22.86 1.21 -0.02	23.56 1.20 -0.07	23.81 1.33 -0.01	24.92 1.47 -0.16	27.88 1.95 -0.55	30.02 1.81 -0.69	32.86 2.09 -0.86	41.35 2.63 -1.66	41.87 2.33 -1.40	40.78 2.63 -1.10	36.39 2.45 -0.86	31.40 2.27 -0.42	24.34 1.86 0.00	22.91 1.64 0.00
PPL PILGRIM_ST_GT2 24217	20.34 0.88 -7.91	18.56 0.49 -9.61	17.78 0.43 -10.10	17.11 0.34 -10.91	18.06 0.56 -9.62	19.73 0.74 -8.02	21.71 0.83 -4.34	22.66 1.09 -2.06	23.10 1.39 0.00	22.72 1.29 0.00	22.86 1.21 -0.02	23.56 1.20 -0.07	23.81 1.33 -0.01	24.92 1.47 -0.16	27.88 1.95 -0.55	30.02 1.81 -0.69	32.86 2.09 -0.86	41.35 2.63 -1.66	41.87 2.33 -1.40	40.78 2.63 -1.10	36.39 2.45 -0.86	31.40 2.27 -0.42	24.34 1.86 0.00	22.91 1.64 0.00
PPL_SHRM_GT3 24213	20.38 0.91 -7.91	18.45 0.38 -9.61	17.73 0.38 -10.10	17.08 0.30 -10.91	18.09 0.60 -9.62	19.75 0.76 -8.02	21.40 0.51 -4.34	22.29 0.72 -2.06	22.60 0.89 0.00	22.20 0.77 0.00	22.40 0.76 -0.02	23.09 0.73 -0.07	23.41 0.92 -0.01	24.39 0.93 -0.16	27.34 1.42 -0.55	29.49 1.29 -0.69	32.29 1.52 -0.86	40.60 1.89 -1.66	41.11 1.56 -1.40	40.03 1.89 -1.10	35.72 1.78 -0.86	30.85 1.72 -0.42	23.96 1.48 0.00	22.69 1.43 0.00
PPL_SHRM_GT4 24214	20.38 0.91 -7.91	18.45 0.38 -9.61	17.73 0.38 -10.10	17.08 0.30 -10.91	18.09 0.60 -9.62	19.75 0.76 -8.02	21.40 0.51 -4.34	22.29 0.72 -2.06	22.60 0.89 0.00	22.20 0.77 0.00	22.40 0.76 -0.02	23.09 0.73 -0.07	23.41 0.92 -0.01	24.39 0.93 -0.16	27.34 1.42 -0.55	29.49 1.29 -0.69	32.29 1.52 -0.86	40.60 1.89 -1.66	41.11 1.56 -1.40	40.03 1.89 -1.10	35.72 1.78 -0.86	30.85 1.72 -0.42	23.96 1.48 0.00	22.69 1.43 0.00
PROJECT____ORANGE 1 24174	12.32 0.01 -0.76	9.39 0.01 -0.92	8.22 0.00 -0.97	6.91 0.00 -1.04	8.81 0.02 -0.92	11.77 0.03 -0.77	17.00 0.05 -0.42	19.78 0.06 -0.20	21.76 0.04 0.00	21.54 0.11 0.00	21.71 0.09 0.00	22.47 0.18 0.00	22.58 0.11 0.00	23.44 0.14 0.00	25.52 0.15 0.00	27.62 0.11 0.00	30.02 0.12 0.00	36.87 -0.19 0.00	37.99 -0.15 0.00	36.97 -0.07 0.00	33.01 -0.07 0.00	28.63 -0.09 0.00	22.43 -0.04 0.00	21.31 0.04 0.00
PROJECT____ORANGE 2 24166	12.32 0.01 -0.76	9.39 0.01 -0.92	8.22 0.00 -0.97	6.91 0.00 -1.04	8.81 0.02 -0.92	11.77 0.03 -0.77	17.00 0.05 -0.42	19.78 0.06 -0.20	21.76 0.04 0.00	21.54 0.11 0.00	21.71 0.09 0.00	22.47 0.18 0.00	22.58 0.11 0.00	23.44 0.14 0.00	25.52 0.15 0.00	27.62 0.11 0.00	30.02 0.12 0.00	36.87 -0.19 0.00	37.99 -0.15 0.00	36.97 -0.07 0.00	33.01 -0.07 0.00	28.63 -0.09 0.00	22.43 -0.04 0.00	21.31 0.04 0.00
PUCKETT____SOLAR 323809	14.56 0.36 -2.65	11.94 0.26 -3.22	10.86 0.22 -3.38	9.70 0.18 -3.66	11.37 0.28 -3.23	14.05 0.38 -2.69	18.59 0.59 -1.46	20.88 0.62 -0.74	22.32 0.61 0.00	22.12 0.69 0.00	22.32 0.69 0.00	23.05 0.76 0.00	23.24 0.76 0.00	24.14 0.84 0.00	26.28 0.91 0.00	28.58 1.07 0.00	31.16 1.26 0.00	38.50 1.44 0.00	39.81 1.68 0.00	38.79 1.74 0.00	34.66 1.59 0.00	29.95 1.23 0.00	23.44 0.97 0.00	22.14 0.87 0.00
PYRITES____HYD 24023	10.48 -1.29 -0.22	7.75 -0.97 -0.26	6.78 -0.75 -0.28	5.54 -0.62 -0.30	7.25 -0.89 -0.26	10.00 -1.20 -0.22	14.81 -1.85 -0.12	17.21 -2.36 -0.06	19.11 -2.61 0.00	18.67 -2.76 0.00	18.90 -2.72 0.00	19.50 -2.79 0.00	19.30 -3.17 0.00	19.90 -3.40 0.00	21.87 -3.50 0.00	23.64 -3.85 0.01	26.04 -3.86 0.00	32.98 -4.08 0.00	35.09 -3.05 0.00	33.19 -3.85 0.00	29.73 -3.34 0.00	25.81 -2.90 0.00	20.34 -2.13 0.00	18.99 -2.28 0.00
QUAKERRD_115KV_BK1 80622	12.47 -0.07 -0.98	9.59 -0.06 -1.19	8.47 -0.04 -1.25	7.19 -0.03 -1.36	9.02 -0.05 -1.20	11.88 -0.09 -1.00	16.88 -0.20 -0.54	19.54 -0.23 -0.26	21.30 -0.41 0.00	21.17 -0.26 0.00	21.36 -0.26 0.00	22.11 -0.18 0.00	22.29 -0.18 0.00	23.18 -0.12 0.00	25.17 -0.20 0.00	27.12 -0.39 0.00	29.57 -0.33 0.00	36.05 -1.00 0.00	37.18 -0.95 0.00	36.42 -0.63 0.00	32.58 -0.50 0.00	28.20 -0.52 0.00	22.25 -0.22 0.00	21.12 -0.15 0.00

QUENSBRY_I15KV_TB8 356137	22.72	21.65	21.01	20.61	21.04	22.26	23.36	23.57	23.23	22.78	22.90	23.53	23.92	24.76	26.65	29.12	31.66	39.07	40.57	39.58	35.40	30.91	24.27	22.74
	0.73	0.52	0.44	0.35	0.47	0.70	1.09	1.33	1.52	1.35	1.30	1.29	1.46	1.58	1.73	2.17	2.45	3.33	3.55	3.41	3.01	2.53	1.80	1.47
	-10.44	-12.68	-13.32	-14.39	-12.70	-10.58	-5.73	-2.73	0.00	0.00	0.02	0.05	0.01	0.12	0.44	0.56	0.69	1.32	1.11	0.87	0.69	0.33	0.00	0.00
RAMAPO____LBMP 323565	19.60	18.04	17.24	16.57	17.39	19.06	21.34	22.31	22.76	22.42	22.66	23.33	23.52	24.52	27.13	29.50	32.02	40.63	41.31	39.70	35.36	30.48	23.51	22.12
	0.45	0.36	0.29	0.23	0.28	0.38	0.63	0.82	1.04	0.99	1.02	0.98	1.03	1.07	1.24	1.35	1.32	2.04	1.87	1.63	1.49	1.38	1.03	0.85
	-7.59	-9.22	-9.69	-10.47	-9.24	-7.70	-4.17	-1.97	0.00	0.00	-0.02	-0.06	-0.01	-0.14	-0.51	-0.64	-0.80	-1.54	-1.30	-1.02	-0.80	-0.39	0.00	0.00
RANKINE____ 23646	13.16	10.31	9.20	7.92	9.73	12.56	17.46	19.93	21.84	21.99	22.25	23.09	23.37	24.35	26.28	28.25	30.89	36.94	38.18	37.57	33.70	29.11	23.21	22.06
	0.22	0.17	0.17	0.15	0.17	0.18	0.15	0.04	0.13	0.56	0.63	0.80	0.90	1.05	0.91	0.74	0.99	-0.11	0.04	0.52	0.63	0.40	0.74	0.79
	-1.39	-1.69	-1.77	-1.91	-1.69	-1.41	-0.77	-0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_1 24244	20.00	18.49	17.71	17.05	17.83	19.43	21.59	22.56	22.95	22.57	22.81	23.49	23.54	24.69	27.37	29.66	32.26	41.01	41.71	40.11	35.69	30.74	23.66	22.29
	0.53	0.42	0.36	0.28	0.34	0.44	0.71	0.99	1.24	1.14	1.17	1.14	1.06	1.23	1.45	1.46	1.49	2.30	2.17	1.96	1.75	1.61	1.19	1.02
	-7.91	-9.61	-10.10	-10.91	-9.62	-8.02	-4.34	-2.05	0.00	0.00	-0.02	-0.07	-0.01	-0.16	-0.55	-0.69	-0.86	-1.66	-1.40	-1.10	-0.86	-0.42	0.00	0.00
RAVENSWOOD_GT2_2 24245	20.00	18.49	17.71	17.05	17.83	19.43	21.59	22.56	22.95	22.57	22.81	23.49	23.54	24.69	27.37	29.66	32.26	41.01	41.71	40.11	35.69	30.74	23.66	22.29
	0.53	0.42	0.36	0.28	0.34	0.44	0.71	0.99	1.24	1.14	1.17	1.14	1.06	1.23	1.45	1.46	1.49	2.30	2.17	1.96	1.75	1.61	1.19	1.02
	-7.91	-9.61	-10.10	-10.91	-9.62	-8.02	-4.34	-2.05	0.00	0.00	-0.02	-0.07	-0.01	-0.16	-0.55	-0.69	-0.86	-1.66	-1.40	-1.10	-0.86	-0.42	0.00	0.00
RAVENSWOOD_GT2_3 24246	20.00	18.49	17.71	17.05	17.83	19.43	21.61	22.56	22.97	22.59	22.83	23.52	23.56	24.69	27.37	29.66	32.26	41.05	41.71	40.14	35.72	30.77	23.69	22.29
	0.53	0.42	0.36	0.28	0.34	0.44	0.73	0.99	1.26	1.16	1.19	1.16	1.08	1.23	1.45	1.46	1.49	2.34	2.17	2.00	1.78	1.64	1.21	1.02
	-7.91	-9.61	-10.10	-10.91	-9.62	-8.02	-4.34	-2.05	0.00	0.00	-0.02	-0.07	-0.01	-0.16	-0.55	-0.69	-0.86	-1.66	-1.40	-1.10	-0.86	-0.42	0.00	0.00
RAVENSWOOD_GT2_4 24247	20.00	18.49	17.71	17.05	17.83	19.43	21.61	22.56	22.97	22.59	22.83	23.52	23.56	24.69	27.37	29.66	32.26	41.05	41.71	40.14	35.72	30.77	23.69	22.29
	0.53	0.42	0.36	0.28	0.34	0.44	0.73	0.99	1.26	1.16	1.19	1.16	1.08	1.23	1.45	1.46	1.49	2.34	2.17	2.00	1.78	1.64	1.21	1.02
	-7.91	-9.61	-10.10	-10.91	-9.62	-8.02	-4.34	-2.05	0.00	0.00	-0.02	-0.07	-0.01	-0.16	-0.55	-0.69	-0.86	-1.66	-1.40	-1.10	-0.86	-0.42	0.00	0.00
RAVENSWOOD_GT3_1 24248	20.00	18.49	17.71	17.05	17.83	19.43	21.59	22.56	22.95	22.57	22.81	23.49	23.54	24.69	27.37	29.66	32.26	41.01	41.71	40.11	35.69	30.74	23.66	22.29
	0.53	0.42	0.36	0.28	0.34	0.44	0.71	0.99	1.24	1.14	1.17	1.14	1.06	1.23	1.45	1.46	1.49	2.30	2.17	1.96	1.75	1.61	1.19	1.02
	-7.91	-9.61	-10.10	-10.91	-9.62	-8.02	-4.34	-2.05	0.00	0.00	-0.02	-0.07	-0.01	-0.16	-0.55	-0.69	-0.86	-1.66	-1.40	-1.10	-0.86	-0.42	0.00	0.00
RAVENSWOOD_GT3_2 24249	20.00	18.49	17.71	17.05	17.83	19.43	21.59	22.56	22.95	22.57	22.81	23.49	23.54	24.69	27.37	29.66	32.26	41.01	41.71	40.11	35.69	30.74	23.66	22.29
	0.53	0.42	0.36	0.28	0.34	0.44	0.71	0.99	1.24	1.14	1.17	1.14	1.06	1.23	1.45	1.46	1.49	2.30	2.17	1.96	1.75	1.61	1.19	1.02
	-7.91	-9.61	-10.10	-10.91	-9.62	-8.02	-4.34	-2.05	0.00	0.00	-0.02	-0.07	-0.01	-0.16	-0.55	-0.69	-0.86	-1.66	-1.40	-1.10	-0.86	-0.42	0.00	0.00
RAVENSWOOD_GT3_3 24250	20.01	18.50	17.72	17.05	17.84	19.45	21.63	22.58	22.99	22.61	22.88	23.54	23.70	24.74	27.39	29.80	32.29	41.16	41.83	40.18	35.72	30.79	23.69	22.31
	0.54	0.43	0.36	0.28	0.35	0.45	0.74	1.01	1.28	1.18	1.23	1.18	1.21	1.28	1.47	1.60	1.52	2.45	2.29	2.04	1.79	1.67	1.21	1.04
	-7.91	-9.61	-10.10	-10.91	-9.62	-8.02	-4.34	-2.05	0.00	0.00	-0.02	-0.07	-0.01	-0.16	-0.55	-0.69	-0.86	-1.66	-1.40	-1.10	-0.86	-0.42	0.00	0.00
RAVENSWOOD_GT3_4 24251	20.01	18.50	17.72	17.05	17.84	19.45	21.63	22.58	22.99	22.61	22.86	23.54	23.59	24.71	27.39	29.68	32.29	41.09	41.75	40.18	35.76	30.79	23.71	22.31
	0.54	0.43	0.36	0.28	0.35	0.45	0.74	1.01	1.28	1.18	1.21	1.18	1.10	1.26	1.47	1.48	1.52	2.37	2.21	2.04	1.82	1.66	1.24	1.04
	-7.91	-9.61	-10.10	-10.91	-9.62	-8.02	-4.34	-2.05	0.00	0.00	-0.02	-0.07	-0.01	-0.16	-0.55	-0.69	-0.86	-1.66	-1.40	-1.10	-0.86	-0.42	0.00	0.00
RAVENSWOOD_GT_1 23729	20.01	18.51	17.72	17.06	17.84	19.43	21.61	22.58	23.02	22.61	22.86	23.54	23.59	24.74	27.42	29.68	32.26	41.12	41.79	40.18	35.76	30.80	23.69	22.31
	0.54	0.45	0.37	0.29	0.35	0.44	0.73	1.01	1.30	1.18	1.21	1.18	1.10	1.28	1.50	1.48	1.49	2.41	2.25	2.04	1.82	1.66	1.21	1.04
	-7.91	-9.61	-10.10	-10.91	-9.62	-8.02	-4.34	-2.05	0.00	0.00	-0.02	-0.07	-0.01	-0.16	-0.55	-0.69	-0.86	-1.66	-1.40	-1.10	-0.86	-0.42	0.00	0.00
RAVENSWOOD_GT_10 24258	20.00	18.49	17.71	17.05	17.83	19.43	21.61	22.56	22.97	22.59	22.84	23.52	23.68	24.71	27.37	29.77	32.26	41.12	41.75	40.11	35.69	30.77	23.66	22.29
	0.53	0.42	0.36	0.28	0.34	0.44	0.73	1.00	1.26	1.16	1.19	1.16	1.19	1.26	1.45	1.57	1.50	2.41	2.21	1.96	1.75	1.64	1.19	1.02
	-7.91	-9.61	-10.10	-10.91	-9.62	-8.02	-4.34	-2.05	0.00	0.00	-0.02	-0.07	-0.01	-0.16	-0.55	-0.69	-0.86	-1.66	-1.40	-1.10	-0.86	-0.42	0.00	0.00
RAVENSWOOD_GT_11 24259	20.00	18.49	17.71	17.05	17.83	19.43	21.61	22.56	22.95	22.57	22.81	23.49	23.54	24.69	27.37	29.66	32.26	41.01	41.71	40.11	35.69	30.74	23.69	22.29
	0.53	0.42	0.36	0.28	0.34	0.44	0.73	0.99	1.24	1.14	1.17	1.14	1.06	1.23	1.45	1.46	1.49	2.30	2.17	1.96	1.75	1.61	1.21	1.02
	-7.91	-9.61	-10.10	-10.91	-9.62	-8.02	-4.34	-2.05	0.00	0.00	-0.02	-0.07	-0.01	-0.16	-0.55	-0.69	-0.86	-1.66	-1.40	-1.10	-0.86	-0.42	0.00	0.00
RAVENSWOOD_GT_4 24252	20.00	18.49	17.70	17.05	17.83	19.43	21.61	22.56	22.97	22.59	22.84	23.52	23.68	24.71	27.37	29.77	32.26	41.12	41.75	40.11	35.69	30.77	23.66	22.29
	0.53	0.42	0.35	0.28	0.34	0.44	0.73	1.00	1.26	1.16	1.19	1.16	1.19	1.26	1.45	1.57	1.50	2.41	2.21	1.96	1.75	1.64	1.19	1.02
	-7.91	-9.61	-10.10	-10.91	-9.62	-8.02	-4.34	-2.05	0.00	0.00	-0.02	-0.07	-0.01	-0.16	-0.55	-0.69	-0.86	-1.66	-1.40	-1.10	-0.86	-0.42	0.00	0.00

RAVENSWOOD_GT_5 24254	20.00 0.53 -7.91	18.49 0.42 -9.61	17.70 0.35 -10.10	17.05 0.28 -10.91	17.83 0.34 -9.62	19.43 0.44 -8.02	21.61 0.73 -4.34	22.56 1.00 -2.05	22.97 1.26 0.00	22.59 1.16 0.00	22.84 1.19 -0.02	23.52 1.16 -0.07	23.68 1.19 -0.01	24.71 1.26 -0.16	27.37 1.45 -0.55	29.77 1.57 -0.69	32.26 1.50 -0.86	41.12 2.41 -1.66	41.75 2.21 -1.40	40.11 1.96 -1.10	35.69 1.75 -0.86	30.77 1.64 -0.42	23.66 1.19 0.00	22.29 1.02 0.00
RAVENSWOOD_GT_6 24253	20.00 0.53 -7.91	18.49 0.42 -9.61	17.70 0.35 -10.10	17.05 0.28 -10.91	17.83 0.34 -9.62	19.43 0.44 -8.02	21.61 0.73 -4.34	22.56 1.00 -2.05	22.97 1.26 0.00	22.59 1.16 0.00	22.84 1.19 -0.02	23.52 1.16 -0.07	23.68 1.19 -0.01	24.71 1.26 -0.16	27.37 1.45 -0.55	29.77 1.57 -0.69	32.26 1.50 -0.86	41.12 2.41 -1.66	41.75 2.21 -1.40	40.11 1.96 -1.10	35.69 1.75 -0.86	30.77 1.64 -0.42	23.66 1.19 0.00	22.29 1.02 0.00
RAVENSWOOD_GT_7 24255	20.00 0.53 -7.91	18.49 0.42 -9.61	17.70 0.35 -10.10	17.05 0.28 -10.91	17.83 0.34 -9.62	19.43 0.44 -8.02	21.61 0.73 -4.34	22.56 1.00 -2.05	22.97 1.26 0.00	22.59 1.16 0.00	22.84 1.19 -0.02	23.52 1.16 -0.07	23.68 1.19 -0.01	24.71 1.26 -0.16	27.37 1.45 -0.55	29.77 1.57 -0.69	32.26 1.50 -0.86	41.12 2.41 -1.66	41.75 2.21 -1.40	40.11 1.96 -1.10	35.69 1.75 -0.86	30.77 1.64 -0.42	23.66 1.19 0.00	22.29 1.02 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	20.00 0.53 -7.91	18.49 0.42 -9.61	17.71 0.36 -10.10	17.05 0.28 -10.91	17.83 0.34 -9.62	19.43 0.44 -8.02	21.61 0.73 -4.34	22.56 1.00 -2.05	22.97 1.26 0.00	22.59 1.16 0.00	22.84 1.19 -0.02	23.52 1.16 -0.07	23.68 1.19 -0.01	24.71 1.26 -0.16	27.37 1.45 -0.55	29.77 1.57 -0.69	32.26 1.50 -0.86	41.12 2.41 -1.66	41.75 2.21 -1.40	40.11 1.96 -1.10	35.69 1.75 -0.86	30.77 1.64 -0.42	23.66 1.19 0.00	22.29 1.02 0.00
RAVENSWOOD_GT_9 24257	20.00 0.53 -7.91	18.49 0.42 -9.61	17.71 0.36 -10.10	17.05 0.28 -10.91	17.83 0.34 -9.62	19.43 0.44 -8.02	21.61 0.73 -4.34	22.56 1.00 -2.05	22.95 1.24 0.00	22.57 1.14 0.00	22.81 1.17 -0.02	23.49 1.14 -0.07	23.54 1.06 -0.01	24.69 1.23 -0.16	27.37 1.45 -0.55	29.66 1.46 -0.69	32.26 1.49 -0.86	41.01 2.30 -1.66	41.71 2.17 -1.40	40.11 1.96 -1.10	35.69 1.75 -0.86	30.74 1.61 -0.42	23.69 1.21 0.00	22.29 1.02 0.00
RAVENSWOOD___1 23533	20.00 0.53 -7.91	18.51 0.44 -9.61	17.72 0.36 -10.10	17.06 0.29 -10.91	17.84 0.35 -9.62	19.43 0.44 -8.02	21.59 0.71 -4.34	22.58 1.01 -2.05	22.99 1.28 0.00	22.61 1.18 0.00	22.83 1.19 -0.02	23.52 1.16 -0.07	23.56 1.08 -0.01	24.71 1.26 -0.16	27.39 1.47 -0.55	29.66 1.46 -0.69	32.26 1.49 -0.86	41.12 2.41 -1.66	41.75 2.21 -1.40	40.14 2.00 -1.10	35.72 1.78 -0.86	30.77 1.64 -0.42	23.66 1.19 0.00	22.29 1.02 0.00
RAVENSWOOD___2 23534	19.99 0.52 -7.91	18.51 0.44 -9.61	17.72 0.36 -10.10	17.05 0.28 -10.91	17.83 0.34 -9.62	19.42 0.43 -8.02	21.59 0.71 -4.34	22.56 0.99 -2.05	22.99 1.28 0.00	22.59 1.16 0.00	22.83 1.19 -0.02	23.52 1.16 -0.07	23.56 1.08 -0.01	24.71 1.26 -0.16	27.39 1.47 -0.55	29.66 1.46 -0.69	32.23 1.46 -0.86	41.09 2.37 -1.66	41.75 2.21 -1.40	40.14 2.00 -1.10	35.72 1.78 -0.86	30.77 1.64 -0.42	23.66 1.19 0.00	22.29 1.02 0.00
RAVENSWOOD___3 23535	20.00 0.53 -7.91	18.49 0.42 -9.61	17.71 0.36 -10.10	17.05 0.28 -10.91	17.83 0.34 -9.62	19.43 0.44 -8.02	21.59 0.71 -4.34	22.56 0.99 -2.05	22.95 1.24 0.00	22.59 1.16 0.00	22.81 1.17 -0.02	23.49 1.14 -0.07	23.56 1.08 -0.01	24.69 1.23 -0.16	27.37 1.45 -0.55	29.66 1.46 -0.69	32.26 1.49 -0.86	41.05 2.34 -1.66	41.71 2.17 -1.40	40.14 2.00 -1.10	35.72 1.78 -0.86	30.77 1.64 -0.42	23.69 1.21 0.00	22.29 1.02 0.00
RAVENSWOOD___4 23820	19.99 0.52 -7.91	18.50 0.43 -9.61	17.72 0.36 -10.10	17.05 0.28 -10.91	17.83 0.34 -9.62	19.42 0.43 -8.02	21.58 0.69 -4.34	22.56 0.99 -2.05	22.97 1.26 0.00	22.59 1.16 0.00	22.83 1.19 -0.02	23.52 1.16 -0.07	23.54 1.06 -0.01	24.69 1.23 -0.16	27.37 1.45 -0.55	29.66 1.46 -0.69	32.23 1.46 -0.86	41.09 2.37 -1.66	41.75 2.21 -1.40	40.14 2.00 -1.10	35.69 1.75 -0.86	30.76 1.64 -0.42	23.66 1.19 0.00	22.29 1.02 0.00
RCPL_TRUST___DRP 24196	20.02 0.55 -7.91	18.50 0.43 -9.61	17.71 0.36 -10.10	17.06 0.29 -10.91	17.84 0.35 -9.62	19.46 0.46 -8.02	21.64 0.76 -4.34	22.60 1.03 -2.05	23.02 1.30 0.00	22.63 1.20 0.00	22.90 1.25 -0.02	23.56 1.20 -0.07	23.72 1.24 -0.01	24.76 1.30 -0.16	27.42 1.50 -0.55	29.82 1.62 -0.69	32.32 1.55 -0.86	41.20 2.48 -1.66	41.87 2.33 -1.40	40.18 2.04 -1.10	35.76 1.82 -0.86	30.82 1.69 -0.42	23.69 1.21 0.00	22.31 1.04 0.00
RED___ROCHESTER 323720	12.88 0.31 -1.01	9.91 0.22 -1.23	8.75 0.20 -1.29	7.42 0.16 -1.40	9.30 0.20 -1.23	12.24 0.24 -1.03	17.36 0.26 -0.56	20.12 0.33 -0.27	21.99 0.28 0.00	21.88 0.45 0.00	22.14 0.52 0.00	22.85 0.56 0.00	23.12 0.65 0.00	24.05 0.75 0.00	26.05 0.69 0.00	28.27 0.77 0.00	30.62 0.72 0.00	37.39 0.33 0.00	38.48 0.34 0.00	37.71 0.67 0.00	33.67 0.60 0.00	29.20 0.49 0.00	23.01 0.54 0.00	21.84 0.57 0.00
REGAN___SOLAR 323812	24.46 1.09 -11.82	23.59 0.78 -14.36	23.00 0.65 -15.09	22.69 0.53 -16.30	22.98 0.72 -14.38	24.05 1.09 -11.99	24.75 1.72 -6.49	24.58 1.97 -3.10	23.45 1.74 0.00	22.89 1.46 0.00	23.40 1.79 0.01	24.17 1.92 0.04	24.08 1.62 0.01	25.03 1.82 0.09	27.12 2.05 0.31	29.54 2.42 0.39	32.30 2.87 0.48	40.43 4.30 0.92	42.20 4.84 0.78	41.07 4.63 0.61	36.70 4.10 0.48	31.73 3.24 0.23	25.33 2.85 0.00	23.61 2.34 0.00
RENSSELAER___COGEN 23796	21.70 0.07 -10.07	20.74 0.05 -12.23	20.15 0.04 -12.85	19.79 0.04 -13.89	20.19 0.06 -12.25	21.27 0.09 -10.21	22.17 0.10 -5.53	22.22 0.08 -2.62	21.87 0.15 0.00	21.47 0.04 0.00	21.67 0.07 0.02	22.29 0.04 0.05	22.53 0.07 0.01	23.30 0.12 0.11	25.07 0.10 0.40	27.17 0.17 0.50	29.49 0.21 0.62	36.34 0.48 1.20	37.62 0.49 1.01	36.70 0.45 0.79	32.85 0.40 0.62	28.76 0.35 0.30	22.70 0.22 0.00	21.42 0.15 0.00
REPUBLIC_115KV_BARTNBRK 55605	23.23 1.25 -10.43	22.01 0.88 -12.67	21.32 0.75 -13.31	20.84 0.60 -14.38	21.37 0.81 -12.69	22.76 1.21 -10.58	24.15 1.89 -5.73	24.56 2.32 -2.73	24.17 2.45 0.00	23.62 2.19 0.00	23.75 2.14 0.02	24.53 2.30 0.05	24.91 2.45 0.01	25.81 2.63 0.13	27.81 2.89 0.45	30.46 3.52 0.56	33.24 4.04 0.70	41.13 5.41 1.33	42.85 5.84 1.13	41.87 5.71 0.88	37.44 5.06 0.69	32.57 4.19 0.33	25.53 3.06 0.00	23.84 2.57 0.00
REVERE_CPPR_DRP 24186	12.24 0.24 -0.44	9.16 0.17 -0.53	7.95 0.14 -0.56	6.59 0.12 -0.61	8.63 0.22 -0.53	11.73 0.31 -0.44	17.28 0.50 -0.24	20.08 0.45 -0.12	22.04 0.33 0.00	21.84 0.41 0.00	22.03 0.41 0.00	22.87 0.58 0.00	22.97 0.49 0.00	23.81 0.51 0.00	26.00 0.63 0.00	28.28 0.77 0.00	30.89 0.99 0.00	38.28 1.22 0.00	39.66 1.53 0.00	38.45 1.41 0.00	34.33 1.26 0.00	29.55 0.83 0.00	23.17 0.70 0.00	21.82 0.55 0.00

REYNOLDS_115KV_TB3 80639	21.81 0.17 -10.09	20.83 0.12 -12.25	20.24 0.11 -12.87	19.86 0.09 -13.91	20.27 0.13 -12.27	21.38 0.18 -10.23	22.31 0.23 -5.54	22.38 0.23 -2.63	22.06 0.35 0.00	21.65 0.21 0.00	21.86 0.26 0.02	22.46 0.22 0.06	22.75 0.29 0.01	23.47 0.30 0.13	25.18 0.28 0.47	27.33 0.41 0.59	29.59 0.42 0.73	36.42 0.78 1.41	37.71 0.76 1.19	36.82 0.70 0.93	32.94 0.60 0.73	28.90 0.55 0.35	22.88 0.40 0.00	21.59 0.32 0.00
RIVERBAY____ 323610	20.01 0.54 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.07 0.30 -10.91	17.85 0.35 -9.62	19.45 0.45 -8.02	21.54 0.66 -4.34	22.51 0.94 -2.05	22.86 1.15 0.00	22.46 1.03 0.00	22.71 1.06 -0.02	23.47 1.11 -0.07	23.59 1.10 -0.01	24.60 1.14 -0.16	27.27 1.34 -0.55	29.63 1.43 -0.69	32.08 1.32 -0.86	41.01 2.30 -1.66	41.64 2.10 -1.40	40.00 1.85 -1.10	35.56 1.62 -0.86	30.68 1.55 -0.42	23.69 1.21 0.00	22.42 1.15 0.00
RIVERSDE_115KV_TB3 55908	21.79 0.13 -10.11	20.82 0.08 -12.28	20.24 0.08 -12.90	19.87 0.06 -13.94	20.27 0.09 -12.30	21.36 0.13 -10.25	22.26 0.17 -5.55	22.33 0.18 -2.64	21.97 0.26 0.00	21.56 0.13 0.00	21.80 0.19 0.02	22.39 0.16 0.05	22.69 0.22 0.01	23.41 0.23 0.12	25.16 0.23 0.44	27.29 0.33 0.55	29.58 0.36 0.68	36.45 0.70 1.31	37.72 0.69 1.11	36.77 0.59 0.87	32.92 0.53 0.68	28.84 0.46 0.33	22.81 0.34 0.00	21.50 0.23 0.00
ROARING____BROOK_WT_PWR 323790	10.77 -0.79 0.00	7.85 -0.61 0.00	6.76 -0.49 0.00	5.46 -0.40 0.00	7.30 -0.57 0.00	10.20 -0.78 0.00	15.37 -1.17 0.00	18.25 -1.27 0.00	20.41 -1.30 0.00	20.17 -1.26 0.00	20.48 -1.15 0.00	21.15 -1.14 0.00	21.24 -1.24 0.00	22.02 -1.28 0.00	24.05 -1.32 0.00	26.04 -1.46 0.00	28.44 -1.46 0.00	35.46 -1.59 0.00	36.69 -1.45 0.00	35.31 -1.74 0.00	31.45 -1.62 0.00	27.19 -1.52 0.00	21.26 -1.21 0.00	19.97 -1.30 0.00
ROCHESRG_115KV_T4 355643	12.76 0.20 -1.01	9.82 0.14 -1.22	8.67 0.13 -1.29	7.36 0.11 -1.39	9.22 0.13 -1.23	12.14 0.14 -1.02	17.21 0.12 -0.55	19.88 0.10 -0.27	21.67 -0.04 0.00	21.60 0.17 0.00	21.80 0.17 0.00	22.56 0.27 0.00	22.79 0.31 0.00	23.70 0.40 0.00	25.70 0.33 0.00	27.67 0.17 0.00	30.20 0.30 0.00	36.61 -0.44 0.00	37.79 -0.34 0.00	37.12 0.07 0.00	33.24 0.17 0.00	28.77 0.06 0.00	22.72 0.25 0.00	21.59 0.32 0.00
ROCHESTER_9_IC 23652	12.82 0.25 -1.01	9.88 0.19 -1.23	8.72 0.17 -1.29	7.40 0.13 -1.40	9.27 0.17 -1.23	12.20 0.20 -1.03	17.29 0.20 -0.56	20.02 0.23 -0.27	21.82 0.11 0.00	21.73 0.30 0.00	21.95 0.32 0.00	22.71 0.42 0.00	22.94 0.47 0.00	23.88 0.58 0.00	25.88 0.51 0.00	27.86 0.36 0.00	30.41 0.51 0.00	36.91 -0.15 0.00	38.10 -0.04 0.00	37.42 0.37 0.00	33.47 0.40 0.00	29.00 0.29 0.00	22.88 0.40 0.00	21.74 0.47 0.00
ROCKVIEW_13_KV_LD 356306	19.98 0.52 -7.91	18.47 0.41 -9.61	17.69 0.34 -10.10	17.04 0.27 -10.91	17.84 0.35 -9.62	19.46 0.46 -8.02	21.63 0.74 -4.34	22.56 1.00 -2.05	22.95 1.24 0.00	22.59 1.16 0.00	22.86 1.21 -0.02	23.52 1.16 -0.07	23.70 1.21 -0.01	24.74 1.28 -0.16	27.39 1.47 -0.55	29.80 1.60 -0.69	32.32 1.55 -0.86	41.12 2.41 -1.66	41.79 2.25 -1.40	40.18 2.04 -1.10	35.76 1.82 -0.86	30.79 1.67 -0.42	23.66 1.19 0.00	22.27 1.00 0.00
ROME____115KV_TB2 80656	12.24 0.24 -0.44	9.16 0.17 -0.53	7.95 0.14 -0.56	6.59 0.12 -0.61	8.63 0.22 -0.53	11.73 0.31 -0.44	17.28 0.50 -0.24	20.08 0.45 -0.12	22.04 0.33 0.00	21.84 0.41 0.00	22.03 0.41 0.00	22.87 0.58 0.00	22.97 0.49 0.00	23.81 0.51 0.00	26.00 0.63 0.00	28.28 0.77 0.00	30.89 0.99 0.00	38.28 1.22 0.00	39.66 1.53 0.00	38.45 1.41 0.00	34.33 1.26 0.00	29.55 0.83 0.00	23.17 0.70 0.00	21.82 0.55 0.00
ROSETON____1 23587	19.81 0.43 -7.83	18.30 0.33 -9.51	17.52 0.28 -9.99	16.88 0.22 -10.79	17.67 0.28 -9.52	19.27 0.36 -7.94	21.43 0.59 -4.30	22.33 0.78 -2.03	22.69 0.98 0.00	22.31 0.88 0.00	22.55 0.91 -0.02	23.22 0.87 -0.07	23.32 0.83 -0.01	24.41 0.96 -0.15	27.02 1.11 -0.54	29.34 1.16 -0.68	31.94 1.20 -0.84	40.49 1.82 -1.62	41.18 1.68 -1.37	39.64 1.52 -1.07	35.30 1.39 -0.84	30.41 1.29 -0.41	23.44 0.97 0.00	22.06 0.79 0.00
ROSETON____2 23588	19.81 0.43 -7.83	18.30 0.33 -9.51	17.52 0.28 -9.99	16.88 0.22 -10.79	17.67 0.28 -9.52	19.27 0.36 -7.94	21.43 0.59 -4.30	22.33 0.78 -2.03	22.69 0.98 0.00	22.31 0.88 0.00	22.55 0.91 -0.02	23.22 0.87 -0.07	23.32 0.83 -0.01	24.41 0.96 -0.15	27.02 1.11 -0.54	29.34 1.16 -0.68	31.94 1.20 -0.84	40.49 1.82 -1.62	41.18 1.68 -1.37	39.64 1.52 -1.07	35.30 1.39 -0.84	30.41 1.29 -0.41	23.44 0.97 0.00	22.06 0.79 0.00
ROTTDAM_115KV_TB3 80664	22.46 0.35 -10.56	21.53 0.25 -12.83	20.94 0.21 -13.48	20.60 0.17 -14.56	20.95 0.23 -12.85	22.01 0.33 -10.71	22.83 0.50 -5.80	22.86 0.59 -2.76	22.39 0.67 0.00	22.01 0.58 0.00	22.19 0.58 0.01	22.85 0.60 0.04	23.11 0.65 0.01	23.87 0.68 0.10	25.74 0.74 0.36	27.93 0.88 0.46	30.29 0.96 0.57	37.35 1.37 1.08	38.63 1.41 0.91	37.70 1.37 0.72	33.70 1.19 0.56	29.48 1.03 0.27	23.26 0.79 0.00	21.93 0.66 0.00
RUSSELL____1 23602	12.88 0.31 -1.01	9.91 0.22 -1.23	8.75 0.20 -1.29	7.42 0.16 -1.40	9.30 0.20 -1.23	12.24 0.24 -1.03	17.36 0.26 -0.56	20.12 0.33 -0.27	21.95 0.24 0.00	21.86 0.43 0.00	22.10 0.48 0.00	22.82 0.53 0.00	23.08 0.61 0.00	24.02 0.72 0.00	26.05 0.68 0.00	28.06 0.55 0.00	30.62 0.72 0.00	37.20 0.15 0.00	38.37 0.23 0.00	37.71 0.67 0.00	33.74 0.66 0.00	29.17 0.46 0.00	23.01 0.54 0.00	21.84 0.57 0.00
RUSSELL____2 23532	12.88 0.31 -1.01	9.91 0.22 -1.23	8.75 0.20 -1.29	7.42 0.16 -1.40	9.30 0.20 -1.23	12.24 0.24 -1.03	17.36 0.26 -0.56	20.12 0.33 -0.27	21.95 0.24 0.00	21.86 0.43 0.00	22.10 0.48 0.00	22.82 0.53 0.00	23.08 0.61 0.00	24.02 0.72 0.00	26.05 0.68 0.00	28.06 0.55 0.00	30.62 0.72 0.00	37.20 0.15 0.00	38.37 0.23 0.00	37.71 0.67 0.00	33.74 0.66 0.00	29.17 0.46 0.00	23.01 0.54 0.00	21.84 0.57 0.00
RUSSELL____3 23549	12.88 0.31 -1.01	9.91 0.22 -1.23	8.75 0.20 -1.29	7.42 0.16 -1.40	9.30 0.20 -1.23	12.24 0.24 -1.03	17.36 0.26 -0.56	20.12 0.33 -0.27	21.95 0.24 0.00	21.86 0.43 0.00	22.10 0.48 0.00	22.82 0.53 0.00	23.08 0.61 0.00	24.02 0.72 0.00	26.05 0.68 0.00	28.06 0.55 0.00	30.62 0.72 0.00	37.20 0.15 0.00	38.37 0.23 0.00	37.71 0.67 0.00	33.74 0.66 0.00	29.17 0.46 0.00	23.01 0.54 0.00	21.84 0.57 0.00
RUSSELL____4 23556	12.88 0.31 -1.01	9.91 0.22 -1.23	8.75 0.20 -1.29	7.42 0.16 -1.40	9.30 0.20 -1.23	12.24 0.24 -1.03	17.36 0.26 -0.56	20.12 0.33 -0.27	21.95 0.24 0.00	21.86 0.43 0.00	22.10 0.48 0.00	22.82 0.53 0.00	23.08 0.61 0.00	24.02 0.72 0.00	26.05 0.68 0.00	28.06 0.55 0.00	30.62 0.72 0.00	37.20 0.15 0.00	38.37 0.23 0.00	37.71 0.67 0.00	33.74 0.66 0.00	29.17 0.46 0.00	23.01 0.54 0.00	21.84 0.57 0.00

RUSSELL___STATION 23914	12.88 0.31 -1.01	9.91 0.22 -1.23	8.75 0.20 -1.29	7.42 0.16 -1.40	9.30 0.20 -1.23	12.24 0.24 -1.03	17.36 0.26 -0.56	20.12 0.33 -0.27	21.95 0.24 0.00	21.86 0.43 0.00	22.10 0.48 0.00	22.82 0.53 0.00	23.08 0.61 0.00	24.02 0.72 0.00	26.05 0.68 0.00	28.06 0.55 0.00	30.62 0.72 0.00	37.20 0.15 0.00	38.37 0.23 0.00	37.71 0.67 0.00	33.74 0.66 0.00	29.17 0.46 0.00	23.01 0.54 0.00	21.84 0.57 0.00
S SALMON___HYD 24043	12.10 -0.07 -0.61	9.14 -0.06 -0.74	7.99 -0.05 -0.78	6.67 -0.04 -0.85	8.59 -0.02 -0.75	11.57 -0.02 -0.62	16.86 -0.02 -0.34	19.56 -0.12 -0.16	21.52 -0.20 0.00	21.26 -0.17 0.00	21.45 -0.17 0.00	22.11 -0.18 0.00	22.25 -0.22 0.00	23.04 -0.26 0.00	25.12 -0.25 0.00	27.29 -0.22 0.00	29.69 -0.21 0.00	36.65 -0.41 0.00	37.87 -0.27 0.00	36.86 -0.18 0.00	32.91 -0.16 0.00	28.57 -0.14 0.00	22.36 -0.11 0.00	21.16 -0.11 0.00
S.PERRY___115KV_TB1 80734	13.58 0.60 -1.42	10.62 0.43 -1.73	9.44 0.36 -1.82	8.11 0.29 -1.96	9.99 0.39 -1.73	12.97 0.55 -1.44	18.07 0.74 -0.78	20.72 0.82 -0.38	22.36 0.65 0.00	22.25 0.81 0.00	22.47 0.84 0.00	23.34 1.05 0.00	23.48 1.01 0.00	24.42 1.12 0.00	26.51 1.14 0.00	27.92 0.41 0.00	30.50 0.60 0.00	37.17 0.11 0.00	38.60 0.46 0.00	38.01 0.96 0.00	34.07 0.99 0.00	29.43 0.72 0.00	23.84 1.37 0.00	22.55 1.28 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	13.07 0.18 -1.33	10.22 0.14 -1.61	9.11 0.16 -1.70	7.83 0.13 -1.83	9.64 0.15 -1.62	12.46 0.14 -1.35	17.41 0.13 -0.74	19.86 -0.02 -0.36	21.71 0.00 0.00	21.84 0.41 0.00	22.10 0.48 0.00	22.94 0.65 0.00	23.21 0.74 0.00	24.16 0.86 0.00	26.08 0.71 0.00	28.06 0.55 0.00	30.65 0.75 0.00	36.61 -0.44 0.00	37.83 -0.31 0.00	37.31 0.26 0.00	33.47 0.40 0.00	28.94 0.23 0.00	23.08 0.61 0.00	21.97 0.70 0.00
SAWYER___23_KV_LOAD 55526	13.07 0.18 -1.33	10.22 0.14 -1.61	9.11 0.16 -1.70	7.83 0.13 -1.83	9.64 0.15 -1.62	12.46 0.14 -1.35	17.41 0.13 -0.74	19.86 -0.02 -0.36	21.71 0.00 0.00	21.84 0.41 0.00	22.10 0.48 0.00	22.94 0.65 0.00	23.21 0.74 0.00	24.16 0.86 0.00	26.08 0.71 0.00	28.06 0.55 0.00	30.65 0.75 0.00	36.61 -0.44 0.00	37.83 -0.31 0.00	37.31 0.26 0.00	33.47 0.40 0.00	28.94 0.23 0.00	23.08 0.61 0.00	21.97 0.70 0.00
SELKIRK___I 23801	21.64 0.20 -9.89	20.62 0.14 -12.01	20.01 0.12 -12.63	19.61 0.10 -13.64	20.05 0.14 -12.03	21.21 0.21 -10.03	22.23 0.26 -5.43	22.36 0.27 -2.57	22.06 0.35 0.00	21.67 0.24 0.00	21.85 0.24 0.01	22.48 0.22 0.03	22.71 0.25 0.01	23.51 0.28 0.07	25.39 0.28 0.26	27.54 0.36 0.32	29.95 0.45 0.40	37.03 0.74 0.77	38.29 0.80 0.65	37.28 0.74 0.51	33.37 0.70 0.40	29.12 0.60 0.19	22.92 0.45 0.00	21.63 0.36 0.00
SELKIRK___II 23799	21.72 0.14 -10.03	20.74 0.10 -12.18	20.15 0.09 -12.80	19.77 0.07 -13.83	20.17 0.09 -12.20	21.28 0.13 -10.17	22.23 0.18 -5.51	22.32 0.20 -2.61	21.99 0.28 0.00	21.60 0.17 0.00	21.80 0.19 0.01	22.43 0.18 0.04	22.64 0.18 0.01	23.45 0.23 0.09	25.29 0.23 0.31	27.39 0.28 0.39	29.75 0.33 0.48	36.72 0.59 0.93	37.96 0.61 0.78	36.99 0.56 0.61	33.09 0.50 0.48	28.94 0.46 0.23	22.81 0.34 0.00	21.53 0.26 0.00
SENECA OSWGO___HYD 24041	12.17 -0.06 -0.68	9.24 -0.04 -0.82	8.08 -0.04 -0.86	6.76 -0.03 -0.93	8.66 -0.03 -0.82	11.63 -0.03 -0.69	16.86 -0.05 -0.37	19.64 -0.06 -0.18	21.61 -0.11 0.00	21.35 -0.09 0.00	21.56 -0.06 0.00	22.25 -0.04 0.00	22.40 -0.07 0.00	23.21 -0.09 0.00	25.24 -0.13 0.00	27.37 -0.14 0.00	29.75 -0.15 0.00	36.65 -0.41 0.00	37.76 -0.38 0.00	36.75 -0.30 0.00	32.81 -0.27 0.00	28.45 -0.26 0.00	22.29 -0.18 0.00	21.18 -0.08 0.00
SENECA___115KV_TB3 355854	13.19 0.24 -1.39	10.32 0.18 -1.69	9.21 0.18 -1.77	7.93 0.15 -1.91	9.74 0.18 -1.69	12.58 0.20 -1.41	17.49 0.18 -0.77	19.97 0.08 -0.37	21.89 0.17 0.00	22.03 0.60 0.00	22.29 0.67 0.00	23.14 0.85 0.00	23.42 0.94 0.00	24.39 1.10 0.00	26.33 0.96 0.00	28.30 0.80 0.00	30.95 1.05 0.00	37.02 -0.04 0.00	38.25 0.11 0.00	37.68 0.63 0.00	33.77 0.69 0.00	29.17 0.46 0.00	23.26 0.79 0.00	22.10 0.83 0.00
SENECA___ENERGY 23797	12.73 0.10 -1.07	9.82 0.07 -1.30	8.68 0.06 -1.36	7.38 0.04 -1.47	9.24 0.07 -1.30	12.19 0.13 -1.08	17.33 0.20 -0.59	20.04 0.24 -0.29	21.89 0.17 0.00	21.71 0.28 0.00	21.97 0.34 0.00	22.69 0.40 0.00	22.85 0.38 0.00	23.74 0.44 0.00	25.77 0.40 0.00	28.00 0.50 0.00	30.41 0.51 0.00	37.35 0.30 0.00	38.52 0.38 0.00	37.53 0.48 0.00	33.50 0.43 0.00	29.06 0.35 0.00	22.76 0.29 0.00	21.57 0.30 0.00
SHOEMAKER___GT 23640	19.13 0.37 -7.21	17.50 0.29 -8.75	16.68 0.23 -9.20	15.99 0.18 -9.94	16.86 0.22 -8.77	18.59 0.31 -7.31	21.02 0.53 -3.96	22.07 0.68 -1.87	22.60 0.89 0.00	22.27 0.83 0.00	22.44 0.80 -0.02	23.13 0.78 -0.06	23.27 0.79 -0.01	24.34 0.91 -0.13	26.88 1.04 -0.47	29.19 1.10 -0.59	31.76 1.14 -0.73	40.12 1.67 -1.40	40.85 1.53 -1.19	39.34 1.37 -0.93	35.09 1.29 -0.73	30.27 1.21 -0.35	23.37 0.90 0.00	21.95 0.68 0.00
SHOEMAKR_138KV_BK 111 55601	19.09 0.37 -7.16	17.44 0.29 -8.70	16.63 0.23 -9.14	15.93 0.19 -9.87	16.80 0.22 -8.71	18.54 0.31 -7.26	21.00 0.53 -3.93	22.05 0.68 -1.86	22.60 0.89 0.00	22.27 0.84 0.00	22.51 0.86 -0.02	23.15 0.80 -0.06	23.36 0.88 -0.01	24.34 0.91 -0.13	26.87 1.04 -0.46	29.24 1.16 -0.58	31.73 1.11 -0.72	40.14 1.70 -1.38	40.87 1.56 -1.17	39.33 1.37 -0.92	35.08 1.29 -0.72	30.27 1.21 -0.35	23.35 0.88 0.00	21.97 0.70 0.00
SHOREHAM_IC_1 23715	20.38 0.91 -7.91	18.45 0.38 -9.61	17.73 0.38 -10.10	17.08 0.30 -10.91	18.09 0.60 -9.62	19.75 0.76 -8.02	21.40 0.51 -4.34	22.29 0.72 -2.06	22.60 0.89 0.00	22.20 0.77 0.00	22.40 0.76 -0.02	23.09 0.73 -0.07	23.41 0.92 -0.01	24.39 0.93 -0.16	27.34 1.42 -0.55	29.49 1.29 -0.69	32.29 1.52 -0.86	40.60 1.89 -1.66	41.11 1.56 -1.40	40.03 1.89 -1.10	35.72 1.78 -0.86	30.85 1.72 -0.42	23.96 1.48 0.00	22.69 1.43 0.00
SHOREHAM_IC_2 23716	20.38 0.91 -7.91	18.45 0.38 -9.61	17.73 0.38 -10.10	17.08 0.30 -10.91	18.09 0.60 -9.62	19.75 0.76 -8.02	21.40 0.51 -4.34	22.29 0.72 -2.06	22.60 0.89 0.00	22.20 0.77 0.00	22.40 0.76 -0.02	23.09 0.73 -0.07	23.41 0.92 -0.01	24.39 0.93 -0.16	27.34 1.42 -0.55	29.49 1.29 -0.69	32.29 1.52 -0.86	40.60 1.89 -1.66	41.11 1.56 -1.40	40.03 1.89 -1.10	35.72 1.78 -0.86	30.85 1.72 -0.42	23.96 1.48 0.00	22.69 1.43 0.00
SISSONVILLE___ 23735	10.40 -1.37 -0.22	7.71 -1.02 -0.27	6.74 -0.81 -0.29	5.50 -0.67 -0.31	7.18 -0.97 -0.27	9.89 -1.31 -0.23	14.66 -2.00 -0.12	17.02 -2.56 -0.06	18.91 -2.80 0.00	18.43 -3.00 0.00	18.55 -3.07 0.00	19.06 -3.23 0.00	18.92 -3.55 0.00	19.48 -3.82 0.00	21.39 -3.98 0.00	23.15 -4.35 0.01	25.48 -4.43 0.00	32.24 -4.82 0.00	34.44 -3.70 0.00	32.60 -4.45 0.00	29.27 -3.80 0.00	25.53 -3.19 0.00	20.14 -2.34 0.00	18.84 -2.42 0.00

SITHE_IND_GS1 24169	11.87 -0.22 -0.53	8.95 -0.16 -0.65	7.80 -0.14 -0.68	6.49 -0.11 -0.74	8.38 -0.14 -0.65	11.32 -0.20 -0.54	16.52 -0.31 -0.29	19.29 -0.37 -0.14	21.21 -0.50 0.00	20.98 -0.45 0.00	21.15 -0.48 0.00	21.80 -0.49 0.00	21.98 -0.49 0.00	22.74 -0.56 0.00	24.74 -0.63 0.00	26.82 -0.69 0.00	29.12 -0.78 0.00	35.98 -1.08 0.00	37.03 -1.11 0.00	36.05 -1.00 0.00	32.18 -0.89 0.00	27.94 -0.77 0.00	21.89 -0.58 0.00	20.84 -0.43 0.00
SITHE_IND_GS2 24170	11.87 -0.22 -0.53	8.95 -0.16 -0.65	7.80 -0.14 -0.68	6.49 -0.11 -0.74	8.38 -0.14 -0.65	11.32 -0.20 -0.54	16.52 -0.31 -0.29	19.29 -0.37 -0.14	21.21 -0.50 0.00	20.98 -0.45 0.00	21.15 -0.48 0.00	21.80 -0.49 0.00	21.98 -0.49 0.00	22.74 -0.56 0.00	24.74 -0.63 0.00	26.82 -0.69 0.00	29.12 -0.78 0.00	35.98 -1.08 0.00	37.03 -1.11 0.00	36.05 -1.00 0.00	32.18 -0.89 0.00	27.94 -0.77 0.00	21.89 -0.58 0.00	20.84 -0.43 0.00
SITHE_IND_GS3 24171	11.87 -0.22 -0.53	8.95 -0.16 -0.65	7.80 -0.14 -0.68	6.49 -0.11 -0.74	8.38 -0.14 -0.65	11.32 -0.20 -0.54	16.52 -0.31 -0.29	19.29 -0.37 -0.14	21.21 -0.50 0.00	20.98 -0.45 0.00	21.15 -0.48 0.00	21.80 -0.49 0.00	21.98 -0.49 0.00	22.74 -0.56 0.00	24.74 -0.63 0.00	26.82 -0.69 0.00	29.12 -0.78 0.00	35.98 -1.08 0.00	37.03 -1.11 0.00	36.05 -1.00 0.00	32.18 -0.89 0.00	27.94 -0.77 0.00	21.89 -0.58 0.00	20.84 -0.43 0.00
SITHE_IND_GS4 24172	11.87 -0.22 -0.53	8.95 -0.16 -0.65	7.80 -0.14 -0.68	6.49 -0.11 -0.74	8.38 -0.14 -0.65	11.32 -0.20 -0.54	16.52 -0.31 -0.29	19.29 -0.37 -0.14	21.21 -0.50 0.00	20.98 -0.45 0.00	21.15 -0.48 0.00	21.80 -0.49 0.00	21.98 -0.49 0.00	22.74 -0.56 0.00	24.74 -0.63 0.00	26.82 -0.69 0.00	29.12 -0.78 0.00	35.98 -1.08 0.00	37.03 -1.11 0.00	36.05 -1.00 0.00	32.18 -0.89 0.00	27.94 -0.77 0.00	21.89 -0.58 0.00	20.84 -0.43 0.00
SITHE___BATAVIA 24024	13.23 0.66 -1.02	10.14 0.45 -1.24	8.93 0.38 -1.30	7.57 0.30 -1.40	9.51 0.40 -1.24	12.56 0.55 -1.03	17.83 0.73 -0.56	20.72 0.94 -0.27	22.54 0.82 0.00	22.37 0.94 0.00	22.73 1.10 0.00	23.45 1.16 0.00	23.64 1.17 0.00	24.58 1.28 0.00	26.66 1.29 0.00	28.91 1.40 0.00	31.37 1.46 0.00	38.39 1.33 0.00	39.59 1.45 0.00	38.90 1.85 0.00	34.69 1.62 0.00	30.03 1.32 0.00	23.73 1.26 0.00	22.44 1.17 0.00
SITHE___INDEPEND 23800	11.87 -0.22 -0.53	8.95 -0.16 -0.65	7.80 -0.14 -0.68	6.49 -0.11 -0.74	8.38 -0.14 -0.65	11.32 -0.20 -0.54	16.52 -0.31 -0.29	19.29 -0.37 -0.14	21.21 -0.50 0.00	20.98 -0.45 0.00	21.10 -0.52 0.00	21.80 -0.49 0.00	21.91 -0.56 0.00	22.74 -0.56 0.00	24.74 -0.63 0.00	26.79 -0.72 0.00	29.12 -0.78 0.00	35.94 -1.11 0.00	37.03 -1.11 0.00	36.05 -1.00 0.00	32.18 -0.89 0.00	27.94 -0.78 0.00	21.89 -0.58 0.00	20.84 -0.43 0.00
SITHE___MASSENA 23902	10.32 -1.41 -0.18	7.63 -1.05 -0.22	6.67 -0.81 -0.23	5.43 -0.68 -0.25	7.07 -1.02 -0.22	9.78 -1.37 -0.18	14.50 -2.13 -0.10	17.16 -2.40 -0.05	19.13 -2.58 0.00	18.75 -2.68 0.00	19.18 -2.44 0.00	19.79 -2.50 0.00	19.64 -2.83 0.00	20.32 -2.98 0.00	22.30 -3.07 0.00	24.06 -3.44 0.01	26.46 -3.44 0.00	33.42 -3.63 0.00	34.90 -3.24 0.00	32.97 -4.08 0.00	29.40 -3.67 0.00	25.44 -3.27 0.00	20.02 -2.45 0.00	18.76 -2.51 0.00
SITHE___OGDNSBRG 24021	10.43 -1.33 -0.21	7.71 -1.00 -0.25	6.74 -0.78 -0.26	5.51 -0.64 -0.28	7.19 -0.93 -0.25	9.93 -1.25 -0.21	14.72 -1.94 -0.11	17.19 -2.38 -0.06	19.13 -2.58 0.00	18.71 -2.72 0.00	19.03 -2.59 0.00	19.62 -2.67 0.00	19.46 -3.01 0.00	20.11 -3.19 0.00	22.07 -3.30 0.00	23.86 -3.63 0.01	26.28 -3.62 0.00	33.28 -3.78 0.00	35.20 -2.94 0.00	33.30 -3.74 0.00	29.77 -3.31 0.00	25.76 -2.96 0.00	20.23 -2.25 0.00	18.91 -2.36 0.00
SITHE___STERLING 23777	12.28 0.22 -0.50	9.22 0.15 -0.61	8.02 0.12 -0.64	6.66 0.11 -0.70	8.67 0.19 -0.61	11.75 0.26 -0.51	17.25 0.43 -0.28	20.06 0.41 -0.14	22.02 0.30 0.00	21.82 0.39 0.00	22.12 0.50 0.00	22.82 0.53 0.00	22.94 0.47 0.00	23.77 0.47 0.00	25.95 0.58 0.00	28.19 0.69 0.00	30.74 0.84 0.00	38.06 1.00 0.00	39.32 1.18 0.00	38.16 1.11 0.00	34.07 0.99 0.00	29.40 0.69 0.00	23.03 0.56 0.00	21.74 0.47 0.00
SLEIGHT__34_KV_TB1 80719	12.87 0.31 -1.00	9.90 0.23 -1.22	8.73 0.19 -1.28	7.39 0.15 -1.38	9.31 0.22 -1.22	12.34 0.35 -1.02	17.68 0.60 -0.55	20.54 0.76 -0.27	22.41 0.69 0.00	22.22 0.79 0.00	22.42 0.80 0.00	23.27 0.98 0.00	23.37 0.90 0.00	24.28 0.98 0.00	26.43 1.07 0.00	28.58 1.07 0.00	31.16 1.26 0.00	38.28 1.22 0.00	39.47 1.33 0.00	38.45 1.41 0.00	34.33 1.26 0.00	29.63 0.92 0.00	23.21 0.74 0.00	21.99 0.72 0.00
SOUTH CAIRO___GT 23612	21.15 0.16 -9.43	20.02 0.11 -11.46	19.35 0.06 -12.04	18.92 0.05 -13.01	19.40 0.06 -11.47	20.69 0.15 -9.56	22.08 0.36 -5.18	22.36 0.39 -2.45	22.34 0.63 0.00	21.84 0.41 0.00	22.05 0.43 0.01	22.72 0.45 0.02	22.87 0.40 0.00	23.84 0.58 0.04	25.82 0.58 0.14	28.10 0.77 0.17	30.56 0.87 0.21	38.09 1.44 0.41	39.35 1.56 0.35	38.22 1.44 0.27	34.31 1.45 0.21	29.82 1.21 0.10	23.30 0.83 0.00	21.76 0.49 0.00
SOUTH HAMPTN___IC 23720	20.52 1.05 -7.91	18.58 0.51 -9.61	17.83 0.47 -10.10	17.16 0.38 -10.91	18.19 0.69 -9.62	19.89 0.89 -8.02	21.64 0.76 -4.34	22.58 1.01 -2.06	23.02 1.30 0.00	22.61 1.18 0.00	22.73 1.08 -0.02	23.43 1.07 -0.07	23.81 1.33 -0.01	24.85 1.40 -0.16	27.85 1.93 -0.55	30.04 1.84 -0.69	32.89 2.12 -0.86	41.31 2.59 -1.66	41.75 2.21 -1.40	40.74 2.59 -1.10	36.35 2.41 -0.86	31.40 2.27 -0.42	24.32 1.84 0.00	22.99 1.72 0.00
SOUTHDOW__115KV_TB1 355954	13.51 0.46 -1.50	10.60 0.32 -1.82	9.43 0.26 -1.91	8.14 0.21 -2.06	9.97 0.28 -1.82	12.86 0.37 -1.52	18.00 0.63 -0.83	20.65 0.72 -0.41	22.76 1.04 0.00	23.10 1.67 0.00	23.48 1.86 0.00	24.43 2.14 0.00	24.70 2.22 0.00	25.75 2.45 0.00	27.78 2.41 0.00	29.93 2.42 0.00	32.71 2.81 0.00	39.32 2.26 0.00	40.58 2.44 0.00	39.75 2.70 0.00	35.52 2.45 0.00	30.58 1.87 0.00	24.29 1.82 0.00	22.86 1.60 0.00
SOUTHOLD_69_KV_BK 2 55809	20.53 1.06 -7.91	18.71 0.64 -9.61	17.94 0.59 -10.10	17.25 0.47 -10.91	18.31 0.81 -9.62	20.06 1.06 -8.02	21.91 1.03 -4.34	22.90 1.33 -2.06	23.45 1.74 0.00	23.04 1.61 0.00	23.42 1.77 -0.02	23.83 1.47 -0.07	24.69 2.20 -0.01	25.39 1.93 -0.16	28.46 2.54 -0.55	30.81 2.61 -0.70	33.42 2.66 -0.86	42.57 3.85 -1.66	43.05 3.51 -1.40	41.48 3.33 -1.10	37.02 3.08 -0.86	31.89 2.76 -0.42	24.45 1.98 0.00	23.33 2.06 0.00
SOUTHOLD___IC 23719	20.70 1.24 -7.91	18.71 0.64 -9.61	17.94 0.59 -10.10	17.25 0.47 -10.91	18.31 0.81 -9.62	20.06 1.06 -8.02	21.91 1.03 -4.34	22.90 1.33 -2.06	23.43 1.71 0.00	23.04 1.61 0.00	23.05 1.40 -0.02	23.76 1.41 -0.07	24.26 1.77 -0.01	25.32 1.86 -0.16	28.36 2.44 -0.55	30.59 2.39 -0.69	33.48 2.72 -0.86	41.98 3.26 -1.66	42.48 2.94 -1.40	41.48 3.34 -1.10	37.02 3.08 -0.86	31.97 2.84 -0.42	24.68 2.20 0.00	23.33 2.06 0.00

SPIERFLS_115KV_TB1 80737	22.67 0.67 -10.44	21.62 0.47 -12.68	20.99 0.41 -13.33	20.59 0.33 -14.40	21.02 0.44 -12.70	22.22 0.66 -10.59	23.28 1.01 -5.73	23.47 1.23 -2.73	23.10 1.39 0.00	22.65 1.22 0.00	22.79 1.19 0.02	23.42 1.18 0.05	23.79 1.33 0.01	24.62 1.44 0.12	26.50 1.57 0.44	28.93 1.98 0.55	31.46 2.24 0.68	38.79 3.04 1.30	40.31 3.28 1.10	39.29 3.11 0.86	35.17 2.78 0.68	30.71 2.33 0.33	24.14 1.66 0.00	22.63 1.36 0.00
ST LAWRENCE____ 23600	10.22 -1.50 -0.17	7.55 -1.12 -0.21	6.60 -0.87 -0.22	5.38 -0.72 -0.23	7.00 -1.08 -0.21	9.69 -1.46 -0.17	14.35 -2.28 -0.09	16.98 -2.58 -0.04	18.96 -2.76 0.00	18.60 -2.83 0.00	19.01 -2.62 0.00	19.61 -2.68 0.00	19.50 -2.97 0.00	20.20 -3.10 0.00	22.15 -3.22 0.00	23.89 -3.60 0.01	26.28 -3.62 0.00	33.16 -3.89 0.00	34.63 -3.51 0.00	32.79 -4.26 0.00	29.20 -3.87 0.00	25.24 -3.48 0.00	19.82 -2.65 0.00	18.57 -2.70 0.00
STATE_CA_115KV_115_LB 55624	21.87 0.13 -10.18	20.91 0.08 -12.37	20.33 0.07 -13.00	19.97 0.06 -14.04	20.35 0.09 -12.39	21.43 0.13 -10.33	22.31 0.18 -5.59	22.37 0.20 -2.66	22.00 0.28 0.00	21.58 0.15 0.00	21.80 0.19 0.02	22.42 0.18 0.05	22.71 0.25 0.01	23.44 0.26 0.12	25.24 0.28 0.41	27.37 0.39 0.52	29.68 0.42 0.64	36.60 0.78 1.23	37.89 0.80 1.04	36.93 0.70 0.82	33.03 0.60 0.64	28.92 0.52 0.31	22.85 0.38 0.00	21.52 0.26 0.00
STATE_ST_34_KV_LOAD 55959	12.76 0.15 -1.06	9.85 0.11 -1.28	8.69 0.09 -1.35	7.38 0.06 -1.46	9.26 0.10 -1.28	12.21 0.16 -1.07	17.42 0.30 -0.58	20.19 0.39 -0.28	22.19 0.48 0.00	21.99 0.56 0.00	22.19 0.56 0.00	22.82 0.53 0.00	23.12 0.65 0.00	24.00 0.70 0.00	26.13 0.76 0.00	28.30 0.80 0.00	30.80 0.90 0.00	37.94 0.89 0.00	39.13 0.99 0.00	38.05 1.00 0.00	34.00 0.93 0.00	29.40 0.69 0.00	22.83 0.36 0.00	21.63 0.36 0.00
STATION 5_MISC_HYD 23604	12.82 0.25 -1.01	9.88 0.19 -1.23	8.72 0.17 -1.29	7.40 0.13 -1.40	9.27 0.17 -1.23	12.20 0.20 -1.03	17.29 0.20 -0.56	20.02 0.24 -0.27	21.87 0.15 0.00	21.75 0.32 0.00	22.01 0.39 0.00	22.71 0.42 0.00	22.99 0.52 0.00	23.88 0.58 0.00	25.90 0.53 0.00	28.08 0.58 0.00	30.41 0.51 0.00	37.09 0.04 0.00	38.18 0.04 0.00	37.42 0.37 0.00	33.44 0.36 0.00	29.00 0.29 0.00	22.88 0.40 0.00	21.74 0.47 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	12.80 0.23 -1.01	9.86 0.17 -1.23	8.70 0.15 -1.29	7.38 0.12 -1.40	9.26 0.16 -1.23	12.22 0.22 -1.03	17.39 0.30 -0.56	20.16 0.37 -0.27	21.97 0.26 0.00	21.84 0.41 0.00	22.03 0.41 0.00	22.85 0.56 0.00	22.99 0.52 0.00	23.93 0.63 0.00	26.00 0.63 0.00	28.06 0.55 0.00	30.62 0.72 0.00	37.39 0.33 0.00	38.56 0.42 0.00	37.75 0.70 0.00	33.74 0.66 0.00	29.17 0.46 0.00	22.97 0.49 0.00	21.76 0.49 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	12.73 0.17 -1.01	9.81 0.13 -1.22	8.65 0.11 -1.28	7.34 0.09 -1.39	9.21 0.11 -1.22	12.13 0.13 -1.02	17.19 0.10 -0.55	19.92 0.14 -0.27	21.71 0.00 0.00	21.62 0.19 0.00	21.84 0.22 0.00	22.60 0.31 0.00	22.81 0.34 0.00	23.72 0.42 0.00	25.75 0.38 0.00	27.73 0.22 0.00	30.26 0.36 0.00	36.76 -0.30 0.00	37.95 -0.19 0.00	37.23 0.19 0.00	33.31 0.23 0.00	28.83 0.11 0.00	22.74 0.27 0.00	21.59 0.32 0.00
STA_56____34_KV_BUS2 355983	12.73 0.17 -1.01	9.81 0.13 -1.22	8.65 0.11 -1.28	7.34 0.09 -1.39	9.21 0.11 -1.22	12.13 0.13 -1.02	17.19 0.10 -0.55	19.92 0.14 -0.27	21.71 0.00 0.00	21.62 0.19 0.00	21.84 0.22 0.00	22.60 0.31 0.00	22.81 0.34 0.00	23.72 0.42 0.00	25.75 0.38 0.00	27.73 0.22 0.00	30.26 0.36 0.00	36.76 -0.30 0.00	37.95 -0.19 0.00	37.23 0.19 0.00	33.31 0.23 0.00	28.83 0.11 0.00	22.74 0.27 0.00	21.59 0.32 0.00
STA_67____115KV_BK2 355882	12.80 0.23 -1.01	9.86 0.17 -1.23	8.70 0.15 -1.29	7.38 0.12 -1.40	9.26 0.16 -1.23	12.18 0.18 -1.03	17.26 0.17 -0.56	19.96 0.18 -0.27	21.78 0.07 0.00	21.69 0.26 0.00	21.90 0.28 0.00	22.65 0.36 0.00	22.88 0.40 0.00	23.81 0.51 0.00	25.80 0.43 0.00	27.78 0.28 0.00	30.32 0.42 0.00	36.80 -0.26 0.00	37.99 -0.15 0.00	37.31 0.26 0.00	33.37 0.30 0.00	28.91 0.20 0.00	22.83 0.36 0.00	21.67 0.40 0.00
STA_7____115KV_9TRANS 80674	12.88 0.31 -1.01	9.91 0.22 -1.23	8.75 0.20 -1.29	7.42 0.16 -1.40	9.30 0.20 -1.23	12.24 0.24 -1.03	17.36 0.26 -0.56	20.12 0.33 -0.27	21.95 0.24 0.00	21.86 0.43 0.00	22.10 0.48 0.00	22.82 0.53 0.00	23.08 0.61 0.00	24.02 0.72 0.00	26.05 0.68 0.00	28.06 0.55 0.00	30.62 0.72 0.00	37.20 0.15 0.00	38.37 0.23 0.00	37.71 0.67 0.00	33.74 0.66 0.00	29.17 0.46 0.00	23.01 0.54 0.00	21.84 0.57 0.00
STA_82____115KV_TB1 80780	12.82 0.24 -1.02	9.86 0.17 -1.24	8.71 0.15 -1.30	7.39 0.12 -1.40	9.27 0.16 -1.24	12.19 0.19 -1.03	17.26 0.17 -0.56	19.98 0.20 -0.27	21.78 0.07 0.00	21.69 0.26 0.00	21.90 0.28 0.00	22.65 0.36 0.00	22.88 0.40 0.00	23.81 0.51 0.00	25.83 0.46 0.00	27.81 0.30 0.00	30.35 0.45 0.00	36.80 -0.26 0.00	37.99 -0.15 0.00	37.34 0.30 0.00	33.41 0.33 0.00	28.91 0.20 0.00	22.83 0.36 0.00	21.69 0.43 0.00
STEEL____WIND 323596	13.17 0.23 -1.39	10.31 0.17 -1.69	9.20 0.17 -1.77	7.93 0.15 -1.91	9.73 0.17 -1.69	12.57 0.19 -1.41	17.47 0.17 -0.76	19.95 0.06 -0.37	21.91 0.19 0.00	22.01 0.58 0.00	22.40 0.78 0.00	23.14 0.85 0.00	23.42 0.94 0.00	24.37 1.07 0.00	26.31 0.94 0.00	28.58 1.07 0.00	30.92 1.02 0.00	37.28 0.22 0.00	38.37 0.23 0.00	37.60 0.56 0.00	33.64 0.56 0.00	29.14 0.43 0.00	23.24 0.76 0.00	22.08 0.81 0.00
STEPHTWN_115KV_BK_2 55603	21.80 0.17 -10.07	20.82 0.13 -12.23	20.22 0.11 -12.85	19.85 0.09 -13.89	20.25 0.13 -12.25	21.38 0.20 -10.21	22.33 0.26 -5.53	22.43 0.29 -2.62	22.10 0.39 0.00	21.69 0.26 0.00	21.91 0.30 0.02	22.53 0.29 0.05	22.82 0.36 0.01	23.58 0.40 0.11	25.40 0.43 0.40	27.61 0.61 0.50	29.94 0.66 0.62	36.96 1.11 1.20	38.26 1.14 1.02	37.29 1.04 0.80	33.34 0.89 0.63	29.16 0.75 0.30	23.03 0.56 0.00	21.65 0.38 0.00
STEBEN_REC_LFGE 323667	13.81 0.47 -1.78	10.95 0.33 -2.16	9.81 0.28 -2.27	8.54 0.22 -2.46	10.34 0.30 -2.17	13.23 0.45 -1.81	18.20 0.68 -0.98	20.72 0.72 -0.48	22.52 0.80 0.00	22.55 1.11 0.00	22.81 1.19 0.00	23.78 1.49 0.00	23.93 1.46 0.00	24.95 1.65 0.00	27.02 1.65 0.00	29.07 1.57 0.00	31.82 1.91 0.00	38.54 1.48 0.00	39.85 1.72 0.00	39.01 1.96 0.00	34.89 1.82 0.00	30.06 1.35 0.00	23.78 1.30 0.00	22.50 1.23 0.00
STONY____BROOK 24151	20.39 0.92 -7.91	18.56 0.49 -9.61	17.79 0.44 -10.10	17.12 0.35 -10.91	18.09 0.59 -9.62	19.77 0.77 -8.02	21.68 0.79 -4.34	22.62 1.05 -2.06	23.10 1.39 0.00	22.72 1.29 0.00	22.79 1.15 -0.02	23.52 1.16 -0.07	23.86 1.37 -0.01	24.95 1.49 -0.16	27.90 1.98 -0.55	30.07 1.87 -0.69	32.92 2.15 -0.86	41.16 2.45 -1.66	41.72 2.17 -1.40	40.85 2.70 -1.10	36.45 2.51 -0.86	31.45 2.32 -0.42	24.34 1.86 0.00	22.93 1.66 0.00

STURGEON_POOL_HYD 23609	20.02 0.43 -8.04	18.57 0.35 -9.76	17.78 0.27 -10.26	17.16 0.21 -11.08	17.88 0.24 -9.78	19.45 0.33 -8.15	21.56 0.61 -4.41	22.47 0.88 -2.08	22.89 1.17 0.00	22.52 1.09 0.00	22.87 1.23 -0.01	23.55 1.23 -0.04	23.63 1.15 -0.01	24.67 1.28 -0.09	27.16 1.47 -0.32	29.52 1.62 -0.40	31.89 1.50 -0.49	40.41 2.41 -0.94	41.03 2.10 -0.80	39.52 1.85 -0.63	35.25 1.69 -0.49	30.53 1.58 -0.24	23.69 1.21 0.00	22.20 0.94 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.34 0.42 -7.37	17.73 0.32 -8.95	16.92 0.26 -9.40	16.23 0.21 -10.16	17.09 0.25 -8.96	18.80 0.35 -7.47	21.18 0.60 -4.04	22.21 0.78 -1.91	22.69 0.98 0.00	22.33 0.90 0.00	22.59 0.95 -0.02	23.26 0.91 -0.06	23.43 0.94 -0.01	24.44 1.00 -0.14	27.00 1.14 -0.49	29.38 1.27 -0.61	31.85 1.20 -0.76	40.40 1.89 -1.46	41.09 1.72 -1.23	39.53 1.52 -0.96	35.19 1.36 -0.76	30.37 1.29 -0.37	23.46 0.99 0.00	22.06 0.79 0.00
SWANROAD_115KV_TB1 355699	12.83 -0.01 -1.28	10.02 0.00 -1.56	8.93 0.04 -1.64	7.67 0.04 -1.77	9.46 0.02 -1.56	12.22 -0.05 -1.30	16.98 -0.26 -0.70	19.33 -0.53 -0.34	21.06 -0.65 0.00	21.13 -0.30 0.00	21.36 -0.26 0.00	22.16 -0.13 0.00	22.45 -0.02 0.00	23.35 0.05 0.00	25.22 -0.15 0.00	27.07 -0.44 0.00	29.57 -0.33 0.00	35.24 -1.82 0.00	36.42 -1.72 0.00	36.01 -1.04 0.00	32.35 -0.73 0.00	28.02 -0.69 0.00	22.36 -0.11 0.00	21.35 0.09 0.00
SYNERGY___BIOGAS 323694	13.23 0.66 -1.02	10.14 0.45 -1.24	8.93 0.38 -1.30	7.57 0.30 -1.40	9.51 0.40 -1.24	12.56 0.55 -1.03	17.83 0.73 -0.56	20.72 0.94 -0.27	22.54 0.82 0.00	22.37 0.94 0.00	22.73 1.10 0.00	23.45 1.16 0.00	23.64 1.17 0.00	24.58 1.28 0.00	26.66 1.29 0.00	28.91 1.40 0.00	31.37 1.46 0.00	38.39 1.33 0.00	39.59 1.45 0.00	38.90 1.85 0.00	34.69 1.62 0.00	30.03 1.32 0.00	23.73 1.26 0.00	22.44 1.17 0.00
SYRACUSE___ENERGY_ST1 323597	12.45 0.05 -0.85	9.53 0.03 -1.04	8.37 0.02 -1.09	7.06 0.02 -1.18	8.95 0.04 -1.04	11.90 0.07 -0.86	17.11 0.10 -0.47	19.86 0.12 -0.23	21.80 0.09 0.00	21.58 0.15 0.00	21.75 0.13 0.00	22.51 0.22 0.00	22.63 0.16 0.00	23.49 0.19 0.00	25.55 0.18 0.00	27.67 0.17 0.00	30.11 0.21 0.00	37.09 0.04 0.00	38.21 0.08 0.00	37.16 0.11 0.00	33.21 0.13 0.00	28.77 0.06 0.00	22.52 0.04 0.00	21.38 0.11 0.00
SYRACUSE___ENERGY_ST2 323598	12.45 0.05 -0.85	9.53 0.03 -1.04	8.37 0.02 -1.09	7.06 0.02 -1.18	8.95 0.04 -1.04	11.90 0.07 -0.86	17.11 0.10 -0.47	19.86 0.12 -0.23	21.80 0.09 0.00	21.58 0.15 0.00	21.75 0.13 0.00	22.51 0.22 0.00	22.63 0.16 0.00	23.49 0.19 0.00	25.55 0.18 0.00	27.67 0.17 0.00	30.11 0.21 0.00	37.09 0.04 0.00	38.21 0.08 0.00	37.16 0.11 0.00	33.21 0.13 0.00	28.77 0.06 0.00	22.52 0.04 0.00	21.38 0.11 0.00
SYRACUSE___POWER 24017	12.48 0.03 -0.89	9.56 0.03 -1.08	8.40 0.01 -1.13	7.10 0.01 -1.22	8.98 0.03 -1.08	11.93 0.05 -0.90	17.11 0.08 -0.49	19.85 0.10 -0.24	21.80 0.09 0.00	21.58 0.15 0.00	21.75 0.13 0.00	22.49 0.20 0.00	22.63 0.16 0.00	23.49 0.19 0.00	25.57 0.20 0.00	27.67 0.17 0.00	30.08 0.18 0.00	37.05 0.00 0.00	38.18 0.04 0.00	37.12 0.07 0.00	33.14 0.07 0.00	28.74 0.03 0.00	22.49 0.02 0.00	21.35 0.09 0.00
TALLMAN__138KV_BK151 55660	19.60 0.47 -7.58	18.03 0.37 -9.20	17.23 0.30 -9.67	16.55 0.24 -10.45	17.38 0.29 -9.22	19.05 0.40 -7.68	21.36 0.66 -4.16	22.34 0.86 -1.97	22.80 1.09 0.00	22.46 1.03 0.00	22.70 1.06 -0.02	23.40 1.05 -0.06	23.56 1.08 -0.01	24.56 1.12 -0.14	27.17 1.29 -0.51	29.58 1.43 -0.64	32.07 1.38 -0.80	40.74 2.15 -1.53	41.38 1.95 -1.30	39.77 1.70 -1.01	35.43 1.55 -0.80	30.53 1.44 -0.39	23.55 1.08 0.00	22.14 0.87 0.00
TEALLAVE_115KV_TB7 355573	12.30 0.00 -0.75	9.37 0.00 -0.91	8.21 0.00 -0.95	6.89 -0.01 -1.03	8.79 0.01 -0.91	11.75 0.02 -0.76	16.98 0.03 -0.41	19.75 0.04 -0.20	21.76 0.04 0.00	21.52 0.09 0.00	21.71 0.09 0.00	22.45 0.16 0.00	22.58 0.11 0.00	23.42 0.12 0.00	25.52 0.15 0.00	27.59 0.08 0.00	29.99 0.09 0.00	36.83 -0.22 0.00	37.95 -0.19 0.00	36.94 -0.11 0.00	32.98 -0.10 0.00	28.63 -0.09 0.00	22.40 -0.07 0.00	21.29 0.02 0.00
TELGRAPH_34_KV_EAST 80808	13.01 0.22 -1.23	10.13 0.17 -1.50	9.01 0.17 -1.57	7.71 0.15 -1.70	9.55 0.17 -1.50	12.39 0.16 -1.25	17.32 0.10 -0.68	19.80 -0.04 -0.33	21.56 -0.15 0.00	21.62 0.19 0.00	21.86 0.24 0.00	22.69 0.40 0.00	22.94 0.47 0.00	23.88 0.58 0.00	25.80 0.43 0.00	27.70 0.19 0.00	30.29 0.39 0.00	36.24 -0.82 0.00	37.49 -0.65 0.00	37.01 -0.04 0.00	33.21 0.13 0.00	28.74 0.03 0.00	22.92 0.45 0.00	21.82 0.55 0.00
TEMPLE___115KV_TB 2 55572	12.32 0.01 -0.76	9.39 0.01 -0.92	8.22 0.00 -0.97	6.91 0.00 -1.04	8.81 0.02 -0.92	11.77 0.03 -0.77	17.00 0.05 -0.42	19.78 0.06 -0.20	21.76 0.04 0.00	21.54 0.11 0.00	21.71 0.09 0.00	22.47 0.18 0.00	22.58 0.11 0.00	23.44 0.14 0.00	25.52 0.15 0.00	27.62 0.11 0.00	30.02 0.12 0.00	36.87 -0.19 0.00	37.99 -0.15 0.00	36.97 -0.07 0.00	33.01 -0.07 0.00	28.63 -0.09 0.00	22.43 -0.04 0.00	21.31 0.04 0.00
TIANA____69_KV_BK 1 55817	20.30 0.83 -7.91	18.54 0.47 -9.61	17.80 0.45 -10.10	17.13 0.36 -10.91	18.16 0.66 -9.62	19.84 0.85 -8.02	21.59 0.71 -4.34	22.53 0.96 -2.06	22.97 1.26 0.00	22.57 1.14 0.00	22.94 1.30 -0.02	23.43 1.07 -0.07	24.22 1.73 -0.01	24.88 1.42 -0.16	27.88 1.95 -0.55	30.15 1.95 -0.70	32.71 1.94 -0.86	41.72 3.00 -1.66	42.14 2.59 -1.40	40.59 2.45 -1.10	36.22 2.28 -0.86	31.23 2.10 -0.42	24.00 1.53 0.00	22.91 1.64 0.00
TILDEN___115KV_TB1 80814	12.48 0.03 -0.89	9.56 0.03 -1.08	8.40 0.01 -1.13	7.10 0.01 -1.22	8.98 0.03 -1.08	11.93 0.05 -0.90	17.11 0.08 -0.49	19.85 0.10 -0.24	21.80 0.09 0.00	21.58 0.15 0.00	21.75 0.13 0.00	22.49 0.20 0.00	22.63 0.16 0.00	23.49 0.19 0.00	25.57 0.20 0.00	27.67 0.17 0.00	30.08 0.18 0.00	37.05 0.00 0.00	38.18 0.04 0.00	37.12 0.07 0.00	33.14 0.07 0.00	28.74 0.03 0.00	22.49 0.02 0.00	21.35 0.09 0.00
TRIGEN___CC 323695	20.11 0.65 -7.91	18.51 0.44 -9.61	17.72 0.37 -10.10	17.07 0.29 -10.91	17.94 0.44 -9.62	19.58 0.58 -8.02	21.63 0.74 -4.34	22.58 1.01 -2.06	22.97 1.26 0.00	22.59 1.16 0.00	22.94 1.30 -0.02	23.54 1.18 -0.07	23.95 1.46 -0.01	24.88 1.42 -0.16	27.72 1.80 -0.55	30.04 1.84 -0.70	32.50 1.73 -0.86	41.38 2.67 -1.66	41.94 2.40 -1.40	40.37 2.22 -1.10	36.02 2.08 -0.86	31.05 1.92 -0.42	23.96 1.48 0.00	22.63 1.36 0.00
TRINITY__115KV__ 4 BK 55933	21.74 0.09 -10.10	20.78 0.06 -12.26	20.20 0.06 -12.88	19.83 0.05 -13.92	20.22 0.07 -12.28	21.31 0.10 -10.24	22.20 0.12 -5.54	22.26 0.12 -2.63	21.91 0.20 0.00	21.52 0.09 0.00	21.74 0.13 0.02	22.33 0.09 0.05	22.62 0.16 0.01	23.35 0.16 0.11	25.12 0.15 0.40	27.27 0.28 0.51	29.54 0.27 0.63	36.44 0.59 1.21	37.68 0.57 1.03	36.76 0.52 0.80	32.87 0.43 0.63	28.81 0.40 0.30	22.74 0.27 0.00	21.44 0.17 0.00

UNION___PROCESSING_DRP 323587	12.82 0.24 -1.02	9.87 0.17 -1.24	8.72 0.16 -1.30	7.40 0.13 -1.40	9.27 0.16 -1.24	12.19 0.19 -1.03	17.28 0.18 -0.56	19.98 0.20 -0.27	21.80 0.09 0.00	21.71 0.28 0.00	21.93 0.30 0.00	22.67 0.38 0.00	22.90 0.43 0.00	23.84 0.54 0.00	25.83 0.46 0.00	27.81 0.30 0.00	30.35 0.45 0.00	36.83 -0.22 0.00	38.02 -0.11 0.00	37.34 0.30 0.00	33.41 0.33 0.00	28.94 0.23 0.00	22.85 0.38 0.00	21.69 0.43 0.00
UPPER HUDSON___HYD 24058	22.67 0.67 -10.44	21.62 0.47 -12.68	20.99 0.41 -13.33	20.59 0.33 -14.40	21.02 0.44 -12.70	22.22 0.66 -10.59	23.28 1.01 -5.73	23.48 1.23 -2.73	23.10 1.39 0.00	22.65 1.22 0.00	22.73 1.12 0.02	23.42 1.18 0.05	23.74 1.28 0.01	24.60 1.42 0.12	26.50 1.57 0.44	28.91 1.95 0.55	31.46 2.24 0.68	38.78 3.04 1.32	40.30 3.28 1.11	39.29 3.11 0.87	35.17 2.78 0.69	30.71 2.32 0.33	24.14 1.66 0.00	22.63 1.36 0.00
UPPER RAQUET___HYD 24056	10.40 -1.38 -0.22	7.71 -1.02 -0.27	6.74 -0.81 -0.29	5.50 -0.67 -0.31	7.18 -0.97 -0.27	9.89 -1.31 -0.23	14.66 -2.00 -0.12	17.02 -2.56 -0.06	18.89 -2.82 0.00	18.43 -3.00 0.00	18.55 -3.07 0.00	19.06 -3.23 0.00	18.92 -3.55 0.00	19.46 -3.84 0.00	21.39 -3.98 0.00	23.09 -4.40 0.01	25.48 -4.43 0.00	32.24 -4.82 0.00	34.40 -3.74 0.00	32.60 -4.45 0.00	29.27 -3.80 0.00	25.52 -3.19 0.00	20.13 -2.34 0.00	18.84 -2.43 0.00
VALLEY44_115KV_TB2 355964	13.19 0.09 -1.54	10.40 0.07 -1.87	9.30 0.07 -1.97	8.05 0.06 -2.13	9.79 0.05 -1.87	12.57 0.03 -1.56	17.39 0.00 -0.85	19.82 -0.12 -0.42	21.95 0.24 0.00	22.16 0.73 0.00	22.40 0.78 0.00	23.25 0.96 0.00	23.51 1.03 0.00	24.51 1.21 0.00	26.49 1.12 0.00	28.58 1.07 0.00	31.22 1.32 0.00	37.54 0.48 0.00	38.71 0.57 0.00	37.94 0.89 0.00	33.97 0.89 0.00	29.40 0.69 0.00	23.33 0.85 0.00	22.12 0.85 0.00
VALLEY___115KV_TB 1-4 80826	11.37 -0.18 0.00	8.33 -0.13 0.00	7.16 -0.10 0.00	5.79 -0.08 0.00	7.79 -0.08 0.00	10.89 -0.09 0.00	16.42 -0.12 0.00	19.36 -0.16 0.00	21.47 -0.24 0.00	21.26 -0.17 0.00	21.47 -0.15 0.00	22.29 0.00 0.00	22.36 -0.11 0.00	23.18 -0.12 0.00	25.27 -0.10 0.00	27.42 -0.08 0.00	29.81 -0.09 0.00	36.98 -0.07 0.00	38.10 -0.04 0.00	36.90 -0.15 0.00	32.84 -0.23 0.00	28.51 -0.20 0.00	22.40 -0.07 0.00	21.18 -0.09 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	15.29 0.42 -3.32	12.80 0.30 -4.04	11.74 0.25 -4.24	10.66 0.21 -4.58	12.21 0.30 -4.04	14.75 0.41 -3.37	19.01 0.65 -1.82	21.04 0.60 -0.92	22.52 0.80 0.00	22.29 0.86 0.00	22.49 0.86 0.00	23.09 0.80 0.00	23.42 0.94 0.00	24.28 0.98 0.00	26.46 1.09 0.00	28.74 1.24 0.00	31.25 1.35 0.00	38.65 1.59 0.00	39.82 1.68 0.00	38.68 1.63 0.00	34.56 1.49 0.00	29.95 1.23 0.00	23.30 0.83 0.00	21.97 0.70 0.00
VISCHER___FERRY HYD 24020	22.10 0.34 -10.21	21.10 0.24 -12.41	20.50 0.21 -13.04	20.12 0.17 -14.09	20.53 0.24 -12.43	21.66 0.33 -10.36	22.63 0.48 -5.61	22.73 0.55 -2.67	22.34 0.63 0.00	21.94 0.51 0.00	22.10 0.50 0.02	22.73 0.51 0.07	23.00 0.54 0.01	23.75 0.60 0.16	25.44 0.63 0.56	27.54 0.74 0.71	29.89 0.87 0.88	36.62 1.26 1.69	38.04 1.33 1.43	37.19 1.26 1.12	33.32 1.13 0.88	29.29 1.00 0.43	23.21 0.74 0.00	21.91 0.64 0.00
V_A_10_SYNC_DSASP 323832	12.87 0.17 -1.14	9.98 0.13 -1.39	8.86 0.15 -1.46	7.57 0.12 -1.58	9.40 0.13 -1.39	12.26 0.12 -1.16	17.18 0.02 -0.63	19.68 -0.14 -0.30	21.41 -0.30 0.00	21.43 0.00 0.00	21.64 0.02 0.00	22.42 0.13 0.00	22.67 0.20 0.00	23.58 0.28 0.00	25.52 0.15 0.00	27.42 -0.08 0.00	29.93 0.03 0.00	35.91 -1.15 0.00	37.07 -1.07 0.00	36.53 -0.52 0.00	32.81 -0.26 0.00	28.43 -0.29 0.00	22.58 0.11 0.00	21.52 0.26 0.00
V_CMM_10_SYNC_DSASP 323787	10.27 -1.46 -0.17	7.58 -1.08 -0.21	6.63 -0.84 -0.22	5.39 -0.70 -0.23	7.03 -1.05 -0.21	9.73 -1.42 -0.17	14.42 -2.22 -0.09	17.06 -2.50 -0.04	19.04 -2.67 0.00	18.69 -2.74 0.00	19.12 -2.51 0.00	19.73 -2.56 0.00	19.60 -2.88 0.00	20.29 -3.01 0.00	22.25 -3.12 0.00	24.00 -3.49 0.01	26.40 -3.50 0.00	33.35 -3.71 0.00	34.78 -3.36 0.00	32.93 -4.11 0.00	29.34 -3.74 0.00	25.35 -3.36 0.00	19.91 -2.56 0.00	18.65 -2.62 0.00
V_CMP_10_SYNC_DSASP 323788	10.49 -1.24 -0.17	7.76 -0.90 -0.21	6.77 -0.70 -0.22	5.50 -0.60 -0.23	7.17 -0.90 -0.21	9.93 -1.22 -0.17	14.76 -1.87 -0.09	17.53 -2.03 -0.04	19.67 -2.04 0.00	19.33 -2.10 0.00	19.74 -1.88 0.00	20.37 -1.92 0.00	20.29 -2.18 0.00	20.99 -2.31 0.00	23.01 -2.36 0.00	24.80 -2.69 0.01	27.33 -2.57 0.00	34.53 -2.52 0.00	36.15 -1.98 0.00	34.19 -2.85 0.00	30.40 -2.68 0.00	26.24 -2.47 0.00	20.54 -1.93 0.00	19.23 -2.04 0.00
V_E_10_SYNC_DSASP 323830	14.74 0.73 -2.46	11.96 0.52 -2.99	10.80 0.41 -3.14	9.62 0.36 -3.39	11.49 0.63 -2.99	14.36 0.89 -2.49	19.31 1.42 -1.35	21.70 1.46 -0.72	23.10 1.39 0.00	22.97 1.54 0.00	23.23 1.60 0.00	24.06 1.76 -0.01	24.25 1.77 0.00	25.19 1.86 -0.02	27.61 2.16 -0.08	30.25 2.64 -0.10	33.14 3.11 -0.13	41.19 3.89 -0.25	42.77 4.42 -0.21	41.58 4.37 -0.16	37.10 3.90 -0.13	31.65 2.87 -0.06	24.63 2.16 0.00	23.12 1.85 0.00
V_F_30_NSYNC___DSASP 323816	22.51 0.54 -10.41	21.48 0.38 -12.64	20.87 0.33 -13.29	20.49 0.27 -14.36	20.90 0.36 -12.66	22.06 0.53 -10.56	23.05 0.79 -5.71	23.17 0.94 -2.72	22.78 1.06 0.00	22.35 0.92 0.00	22.49 0.89 0.02	23.15 0.91 0.06	23.45 0.99 0.01	24.27 1.10 0.13	26.10 1.19 0.46	28.33 1.40 0.58	30.83 1.64 0.71	37.90 2.22 1.38	39.38 2.40 1.17	38.39 2.26 0.91	34.37 2.02 0.72	30.09 1.72 0.35	23.73 1.26 0.00	22.33 1.06 0.00
V_F_30_SYNC_DSASP 323786	21.86 0.13 -10.18	20.90 0.08 -12.36	20.32 0.07 -12.99	19.96 0.06 -14.03	20.35 0.09 -12.38	21.43 0.13 -10.32	22.29 0.17 -5.59	22.37 0.20 -2.66	22.00 0.28 0.00	21.58 0.15 0.00	21.80 0.19 0.02	22.42 0.18 0.05	22.71 0.25 0.01	23.44 0.26 0.12	25.24 0.28 0.41	27.37 0.39 0.52	29.68 0.42 0.64	36.60 0.78 1.23	37.90 0.80 1.04	36.93 0.70 0.82	33.03 0.60 0.64	28.92 0.52 0.31	22.85 0.38 0.00	21.52 0.26 0.00
V_XM_10_SYNC_DSASP 323789	10.49 -1.24 -0.17	7.76 -0.90 -0.21	6.77 -0.70 -0.22	5.50 -0.60 -0.23	7.17 -0.90 -0.21	9.93 -1.22 -0.17	14.76 -1.87 -0.09	17.53 -2.03 -0.04	19.67 -2.04 0.00	19.33 -2.10 0.00	19.74 -1.88 0.00	20.37 -1.92 0.00	20.29 -2.18 0.00	20.99 -2.31 0.00	23.01 -2.36 0.00	24.80 -2.69 0.01	27.33 -2.57 0.00	34.53 -2.52 0.00	36.15 -1.98 0.00	34.19 -2.85 0.00	30.40 -2.68 0.00	26.24 -2.47 0.00	20.54 -1.93 0.00	19.23 -2.04 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.67 0.50 -7.62	18.10 0.38 -9.26	17.30 0.31 -9.73	16.63 0.25 -10.51	17.44 0.30 -9.27	19.12 0.42 -7.73	21.42 0.69 -4.18	22.41 0.92 -1.98	22.86 1.15 0.00	22.50 1.07 0.00	22.77 1.12 -0.02	23.44 1.09 -0.06	23.63 1.15 -0.01	24.63 1.19 -0.15	27.26 1.37 -0.52	29.67 1.51 -0.65	32.17 1.47 -0.80	40.87 2.26 -1.55	41.51 2.06 -1.31	39.89 1.82 -1.03	35.54 1.65 -0.81	30.62 1.52 -0.39	23.62 1.15 0.00	22.18 0.91 0.00

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	20.07 0.60 -7.91	18.50 0.43 -9.61	17.71 0.36 -10.10	17.06 0.29 -10.91	17.84 0.35 -9.62	19.46 0.46 -8.02	21.64 0.76 -4.34	22.60 1.03 -2.05	23.02 1.30 0.00	22.63 1.20 0.00	22.90 1.25 -0.02	23.56 1.20 -0.07	23.72 1.24 -0.01	24.76 1.30 -0.16	27.42 1.50 -0.55	29.82 1.62 -0.69	32.32 1.55 -0.86	41.20 2.48 -1.66	42.10 2.56 -1.40	40.18 2.04 -1.10	35.76 1.82 -0.86	30.82 1.69 -0.42	23.69 1.21 0.00	22.31 1.04 0.00
W50THST__13_KV_LOAD 356117	20.08 0.61 -7.91	18.53 0.47 -9.61	17.74 0.39 -10.10	17.08 0.31 -10.91	17.88 0.39 -9.62	19.50 0.50 -8.02	21.72 0.84 -4.34	22.70 1.13 -2.05	23.15 1.43 0.00	22.76 1.33 0.00	23.01 1.36 -0.02	23.69 1.34 -0.07	23.86 1.37 -0.01	24.90 1.44 -0.16	27.57 1.65 -0.55	29.99 1.79 -0.69	32.50 1.73 -0.86	41.42 2.71 -1.66	42.13 2.59 -1.40	40.37 2.22 -1.10	35.92 1.98 -0.86	30.94 1.81 -0.42	23.80 1.33 0.00	22.40 1.13 0.00
WADING RIVER_IC_1 23522	20.37 0.90 -7.91	18.44 0.37 -9.61	17.72 0.37 -10.10	17.07 0.30 -10.91	18.09 0.60 -9.62	19.75 0.76 -8.02	21.38 0.50 -4.34	22.27 0.70 -2.06	22.60 0.89 0.00	22.18 0.75 0.00	22.36 0.71 -0.02	23.07 0.71 -0.07	23.41 0.92 -0.01	24.39 0.93 -0.16	27.32 1.39 -0.55	29.47 1.27 -0.69	32.29 1.52 -0.86	40.57 1.85 -1.66	41.03 1.49 -1.40	40.03 1.89 -1.10	35.72 1.78 -0.86	30.82 1.69 -0.42	23.93 1.46 0.00	22.67 1.40 0.00
WADING RIVER_IC_2 23547	20.37 0.90 -7.91	18.44 0.37 -9.61	17.72 0.37 -10.10	17.07 0.30 -10.91	18.09 0.60 -9.62	19.75 0.76 -8.02	21.38 0.50 -4.34	22.27 0.70 -2.06	22.60 0.89 0.00	22.18 0.75 0.00	22.36 0.71 -0.02	23.07 0.71 -0.07	23.41 0.92 -0.01	24.39 0.93 -0.16	27.32 1.39 -0.55	29.47 1.27 -0.69	32.29 1.52 -0.86	40.57 1.85 -1.66	41.03 1.49 -1.40	40.03 1.89 -1.10	35.72 1.78 -0.86	30.82 1.69 -0.42	23.93 1.46 0.00	22.67 1.40 0.00
WADING RIVER_IC_3 23601	20.37 0.90 -7.91	18.44 0.37 -9.61	17.72 0.37 -10.10	17.07 0.30 -10.91	18.09 0.60 -9.62	19.75 0.76 -8.02	21.38 0.50 -4.34	22.27 0.70 -2.06	22.60 0.89 0.00	22.18 0.75 0.00	22.36 0.71 -0.02	23.07 0.71 -0.07	23.41 0.92 -0.01	24.39 0.93 -0.16	27.32 1.39 -0.55	29.47 1.27 -0.69	32.29 1.52 -0.86	40.57 1.85 -1.66	41.03 1.49 -1.40	40.03 1.89 -1.10	35.72 1.78 -0.86	30.82 1.69 -0.42	23.93 1.46 0.00	22.67 1.40 0.00
WALDENNY_12_KV_BK2 80841	13.16 0.23 -1.38	10.31 0.18 -1.67	9.20 0.18 -1.76	7.91 0.15 -1.90	9.73 0.18 -1.68	12.56 0.19 -1.40	17.47 0.17 -0.76	19.94 0.06 -0.37	21.84 0.13 0.00	21.99 0.56 0.00	22.25 0.63 0.00	23.09 0.80 0.00	23.37 0.90 0.00	24.35 1.05 0.00	26.28 0.91 0.00	28.28 0.77 0.00	30.89 0.99 0.00	36.94 -0.11 0.00	38.18 0.04 0.00	37.57 0.52 0.00	33.67 0.60 0.00	29.11 0.40 0.00	23.21 0.74 0.00	22.06 0.79 0.00
WALDEN__HYDRO 24148	19.66 0.46 -7.65	18.10 0.36 -9.29	17.29 0.28 -9.76	16.63 0.22 -10.54	17.43 0.26 -9.30	19.10 0.37 -7.75	21.41 0.68 -4.20	22.38 0.88 -1.98	22.80 1.09 0.00	22.42 0.99 0.00	22.68 1.04 -0.02	23.35 1.00 -0.06	23.43 0.94 -0.01	24.50 1.07 -0.13	27.10 1.27 -0.46	29.43 1.35 -0.58	31.99 1.38 -0.71	40.54 2.11 -1.38	41.25 1.94 -1.17	39.74 1.78 -0.91	35.48 1.69 -0.72	30.58 1.52 -0.35	23.64 1.17 0.00	22.14 0.87 0.00
WARRENSBURG____ 23737	22.67 0.67 -10.44	21.62 0.47 -12.68	20.99 0.41 -13.33	20.59 0.33 -14.40	21.02 0.44 -12.70	22.22 0.66 -10.59	23.28 1.01 -5.73	23.48 1.23 -2.73	23.10 1.39 0.00	22.65 1.22 0.00	22.73 1.12 0.02	23.42 1.18 0.05	23.74 1.28 0.01	24.60 1.42 0.12	26.50 1.57 0.44	28.91 1.95 0.55	31.46 2.24 0.68	38.78 3.04 1.32	40.30 3.28 1.11	39.29 3.11 0.87	35.17 2.78 0.69	30.71 2.32 0.33	24.14 1.66 0.00	22.63 1.36 0.00
WATERSIDE____6 8 9 23538	19.98 0.52 -7.91	18.50 0.43 -9.61	17.72 0.36 -10.10	17.05 0.28 -10.91	17.83 0.34 -9.62	19.42 0.43 -8.02	21.58 0.69 -4.34	22.56 1.00 -2.05	22.99 1.28 0.00	22.59 1.16 0.00	22.86 1.21 -0.02	23.52 1.16 -0.07	23.68 1.19 -0.01	24.71 1.26 -0.16	27.39 1.47 -0.55	29.77 1.57 -0.69	32.23 1.47 -0.86	41.16 2.45 -1.66	41.79 2.25 -1.40	40.11 1.96 -1.10	35.66 1.72 -0.86	30.77 1.64 -0.42	23.64 1.17 0.00	22.29 1.02 0.00
WATKINRD_115KV_LN8_ILLION 55919	11.45 -0.10 0.00	8.38 -0.08 0.00	7.20 -0.06 0.00	5.82 -0.04 0.00	7.82 -0.05 0.00	10.92 -0.05 0.00	16.46 -0.08 0.00	19.40 -0.12 0.00	21.54 -0.17 0.00	21.28 -0.15 0.00	21.49 -0.13 0.00	22.22 -0.07 0.00	22.34 -0.13 0.00	23.16 -0.14 0.00	25.24 -0.13 0.00	27.40 -0.11 0.00	29.81 -0.09 0.00	36.98 -0.07 0.00	38.10 -0.04 0.00	36.97 -0.07 0.00	32.94 -0.13 0.00	28.57 -0.14 0.00	22.43 -0.04 0.00	21.21 -0.06 0.00
WATSON____69_KV_BK 1 55734	20.33 0.87 -7.91	18.62 0.55 -9.61	17.83 0.47 -10.10	17.16 0.38 -10.91	18.12 0.62 -9.62	19.82 0.82 -8.02	21.81 0.93 -4.34	22.80 1.23 -2.06	23.23 1.52 0.00	22.85 1.41 0.00	23.22 1.58 -0.02	23.74 1.38 -0.07	24.33 1.84 -0.01	25.13 1.68 -0.16	28.13 2.21 -0.55	30.46 2.26 -0.70	33.04 2.27 -0.86	42.16 3.45 -1.66	42.67 3.13 -1.40	41.11 2.96 -1.10	36.68 2.75 -0.86	31.57 2.44 -0.42	24.32 1.84 0.00	23.08 1.81 0.00
WDELAWARE__HYD 323627	18.76 0.12 -7.09	17.18 0.11 -8.61	16.35 0.05 -9.05	15.68 0.05 -9.77	16.51 0.02 -8.62	18.21 0.04 -7.19	20.66 0.23 -3.89	22.86 1.48 -1.86	23.10 1.39 0.00	22.72 1.29 0.00	23.43 1.79 -0.01	24.09 1.76 -0.04	23.72 1.24 -0.01	24.82 1.42 -0.09	27.36 1.65 -0.34	29.72 1.79 -0.42	32.22 1.79 -0.53	40.77 2.70 -1.01	41.55 2.56 -0.86	39.94 2.22 -0.67	35.72 2.12 -0.53	30.83 1.87 -0.25	24.45 1.98 0.00	22.59 1.32 0.00
WEST BABYLON__IC 23714	20.30 0.83 -7.91	18.61 0.54 -9.61	17.81 0.46 -10.10	17.14 0.37 -10.91	18.08 0.58 -9.62	19.78 0.78 -8.02	21.79 0.91 -4.34	22.78 1.21 -2.06	23.21 1.50 0.00	22.82 1.39 0.00	23.20 1.56 -0.02	23.74 1.38 -0.07	24.24 1.75 -0.01	25.09 1.63 -0.16	28.05 2.13 -0.55	30.37 2.17 -0.70	32.92 2.15 -0.86	41.98 3.26 -1.66	42.48 2.94 -1.40	40.96 2.82 -1.10	36.55 2.61 -0.86	31.54 2.41 -0.42	24.32 1.84 0.00	23.01 1.74 0.00
WEST CANADA__HYD 24049	11.50 -0.06 0.00	8.42 -0.04 0.00	7.22 -0.04 0.00	5.83 -0.03 0.00	7.84 -0.03 0.00	10.93 -0.04 0.00	16.47 -0.07 0.00	19.42 -0.10 0.00	21.61 -0.11 0.00	21.32 -0.11 0.00	21.52 -0.11 0.00	22.18 -0.11 0.00	22.36 -0.11 0.00	23.18 -0.12 0.00	25.24 -0.13 0.00	27.40 -0.11 0.00	29.78 -0.12 0.00	36.94 -0.11 0.00	38.06 -0.08 0.00	36.94 -0.11 0.00	32.98 -0.10 0.00	28.63 -0.09 0.00	22.41 -0.07 0.00	21.18 -0.08 0.00
WESTERN_NY_WIND 24143	13.10 0.29 -1.26	10.21 0.23 -1.53	9.09 0.23 -1.60	7.78 0.19 -1.73	9.63 0.23 -1.53	12.49 0.24 -1.27	17.43 0.20 -0.69	19.95 0.10 -0.34	21.76 0.04 0.00	21.75 0.32 0.00	22.14 0.52 0.00	22.82 0.53 0.00	23.08 0.61 0.00	24.00 0.70 0.00	25.93 0.56 0.00	28.16 0.66 0.00	30.47 0.57 0.00	36.83 -0.22 0.00	37.95 -0.19 0.00	37.34 0.29 0.00	33.44 0.36 0.00	29.00 0.29 0.00	23.15 0.67 0.00	22.01 0.74 0.00

WESTOVER___LESR 323668	14.39 0.24 -2.59	11.78 0.18 -3.15	10.71 0.15 -3.30	9.56 0.13 -3.57	11.19 0.17 -3.15	13.83 0.23 -2.63	18.31 0.35 -1.42	20.56 0.35 -0.70	22.13 0.41 0.00	21.97 0.54 0.00	22.16 0.54 0.00	22.94 0.65 0.00	23.12 0.65 0.00	24.02 0.72 0.00	26.13 0.76 0.00	28.28 0.77 0.00	30.80 0.90 0.00	37.80 0.74 0.00	38.98 0.84 0.00	37.94 0.89 0.00	33.93 0.86 0.00	29.40 0.69 0.00	23.08 0.61 0.00	21.84 0.57 0.00
WETHRSFD_WT_PWR 323626	13.31 0.22 -1.54	10.49 0.16 -1.87	9.38 0.15 -1.97	8.12 0.13 -2.12	9.89 0.15 -1.87	12.70 0.16 -1.56	17.55 0.17 -0.85	20.01 0.08 -0.41	21.91 0.19 0.00	21.97 0.54 0.00	22.32 0.69 0.00	23.07 0.78 0.00	23.35 0.88 0.00	24.28 0.98 0.00	26.26 0.89 0.00	28.55 1.04 0.00	30.86 0.96 0.00	37.35 0.30 0.00	38.44 0.30 0.00	37.64 0.59 0.00	33.64 0.56 0.00	29.17 0.46 0.00	23.17 0.70 0.00	21.99 0.72 0.00
WHAVSTOR_138KV_BK127 55557	19.65 0.46 -7.63	18.09 0.36 -9.27	17.30 0.30 -9.74	16.63 0.24 -10.53	17.45 0.29 -9.28	19.11 0.40 -7.74	21.37 0.65 -4.19	22.35 0.86 -1.98	22.78 1.06 0.00	22.44 1.01 0.00	22.68 1.04 -0.02	23.36 1.00 -0.06	23.54 1.06 -0.01	24.54 1.10 -0.15	27.16 1.27 -0.52	29.56 1.40 -0.65	32.05 1.35 -0.81	40.72 2.11 -1.55	41.36 1.91 -1.32	39.78 1.70 -1.03	35.41 1.52 -0.81	30.51 1.41 -0.39	23.53 1.06 0.00	22.14 0.87 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.65 0.46 -7.63	18.09 0.36 -9.27	17.30 0.30 -9.74	16.63 0.24 -10.53	17.45 0.29 -9.28	19.11 0.40 -7.74	21.37 0.65 -4.19	22.35 0.86 -1.98	22.78 1.06 0.00	22.44 1.01 0.00	22.68 1.04 -0.02	23.36 1.00 -0.06	23.54 1.06 -0.01	24.54 1.10 -0.15	27.16 1.27 -0.52	29.56 1.40 -0.65	32.05 1.35 -0.81	40.72 2.11 -1.55	41.36 1.91 -1.32	39.78 1.70 -1.03	35.41 1.52 -0.81	30.51 1.41 -0.39	23.53 1.06 0.00	22.14 0.87 0.00
WHITEHAL_115KV_TB1 80871	22.89 0.90 -10.43	21.77 0.64 -12.67	21.11 0.54 -13.31	20.68 0.43 -14.38	21.15 0.59 -12.69	22.43 0.88 -10.58	23.64 1.37 -5.73	23.90 1.66 -2.73	23.60 1.89 0.00	23.08 1.65 0.00	23.21 1.60 0.02	23.86 1.63 0.05	24.30 1.84 0.01	25.18 2.00 0.13	27.10 2.18 0.45	29.64 2.70 0.56	32.32 3.11 0.70	39.91 4.19 1.33	41.51 4.50 1.13	40.50 4.33 0.88	36.22 3.84 0.69	31.57 3.19 0.33	24.70 2.22 0.00	23.12 1.85 0.00
WHITEPLN_13_KV_LOAD 356215	20.00 0.55 -7.89	18.48 0.43 -9.59	17.70 0.36 -10.08	17.04 0.29 -10.89	17.84 0.37 -9.60	19.47 0.49 -8.00	21.70 0.83 -4.33	22.62 1.05 -2.05	22.97 1.26 0.00	22.59 1.16 0.00	22.88 1.23 -0.02	23.65 1.29 -0.07	23.72 1.24 -0.01	24.74 1.28 -0.15	27.42 1.50 -0.55	29.85 1.65 -0.69	32.34 1.58 -0.86	41.15 2.45 -1.65	41.83 2.29 -1.40	40.22 2.07 -1.09	35.79 1.85 -0.86	30.82 1.69 -0.42	23.73 1.26 0.00	22.31 1.04 0.00
WM_FLOYD_69_KV_BK2 356380	20.24 0.77 -7.91	18.51 0.44 -9.61	17.76 0.41 -10.10	17.10 0.33 -10.91	18.09 0.60 -9.62	19.77 0.77 -8.02	21.54 0.66 -4.34	22.47 0.90 -2.06	22.86 1.15 0.00	22.46 1.03 0.00	22.84 1.19 -0.02	23.34 0.98 -0.07	24.04 1.55 -0.01	24.71 1.26 -0.16	27.70 1.78 -0.55	29.99 1.79 -0.70	32.53 1.76 -0.86	41.53 2.82 -1.66	41.94 2.40 -1.40	40.37 2.22 -1.10	36.02 2.08 -0.86	31.05 1.92 -0.42	23.91 1.44 0.00	22.82 1.55 0.00
WOODARD__115KV_TB2 355635	12.28 -0.02 -0.75	9.36 -0.02 -0.91	8.20 -0.01 -0.96	6.88 -0.02 -1.04	8.78 -0.01 -0.92	11.74 0.00 -0.76	16.95 0.00 -0.41	19.72 0.00 -0.20	21.69 -0.02 0.00	21.47 0.04 0.00	21.64 0.02 0.00	22.40 0.11 0.00	22.52 0.04 0.00	23.37 0.07 0.00	25.45 0.08 0.00	27.53 0.03 0.00	29.93 0.03 0.00	36.76 -0.30 0.00	37.87 -0.27 0.00	36.86 -0.19 0.00	32.91 -0.17 0.00	28.54 -0.17 0.00	22.36 -0.11 0.00	21.23 -0.04 0.00
YORK___WARBASSE 23770	20.04 0.58 -7.91	18.54 0.47 -9.61	17.74 0.39 -10.10	17.08 0.30 -10.91	17.86 0.37 -9.62	19.45 0.45 -8.02	21.63 0.74 -4.34	22.64 1.07 -2.05	23.08 1.37 0.00	22.67 1.24 0.00	22.94 1.30 -0.02	23.61 1.25 -0.07	23.77 1.28 -0.01	24.83 1.37 -0.16	27.52 1.60 -0.55	29.88 1.68 -0.69	32.32 1.55 -0.86	41.38 2.67 -1.66	41.98 2.44 -1.40	40.29 2.15 -1.10	35.82 1.89 -0.86	30.98 1.84 -0.42	23.78 1.30 0.00	22.42 1.15 0.00