

Day Ahead Market Generator LBMP

		--- LBMP \$						--- Marginal Cost of Losses						--- Marginal Cost of Congestion														
Generator Data		09/30/2025																										
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1	24138	34.69	32.02	29.58	28.67	29.37	31.54	43.59	46.18	41.81	34.81	35.53	37.09	41.14	43.49	44.70	46.17	54.55	71.51	73.10	65.56	52.63	42.45	37.67	33.43			
		1.61	1.23	1.11	1.08	1.02	1.10	1.75	1.98	2.25	2.20	2.53	2.62	2.89	3.11	3.41	3.21	3.63	4.10	3.91	3.14	2.52	2.34	2.06	1.65			
		-0.20	-0.03	0.00	0.00	0.00	0.00	-0.13	-0.20	-0.04	-0.65	-0.56	-0.86	-1.23	-1.94	-1.65	-1.81	-3.13	-3.38	-2.87	-2.12	-1.60	-0.52	-0.63	-0.09			
74TH STREET_GT_1	24260	34.75	32.08	29.63	28.72	29.40	31.57	43.49	46.09	41.75	34.81	35.53	37.13	41.14	43.34	44.52	45.94	53.94	71.06	72.50	65.06	52.19	42.42	37.71	33.49			
		1.68	1.29	1.17	1.13	1.05	1.13	1.71	1.94	2.21	2.20	2.53	2.66	2.89	3.04	3.33	3.13	3.49	3.97	3.78	3.08	2.47	2.34	2.10	1.71			
		-0.20	-0.03	0.00	0.00	0.00	0.00	-0.07	-0.16	-0.02	-0.65	-0.56	-0.87	-1.23	-1.86	-1.54	-1.66	-2.66	-3.06	-2.40	-1.68	-1.21	-0.49	-0.63	-0.09			
74TH STREET_GT_2	24261	34.75	32.08	29.63	28.72	29.40	31.57	43.49	46.09	41.75	34.81	35.53	37.13	41.14	43.34	44.52	45.94	53.94	71.06	72.50	65.06	52.19	42.42	37.71	33.49			
		1.68	1.29	1.17	1.13	1.05	1.13	1.71	1.94	2.21	2.20	2.53	2.66	2.89	3.04	3.33	3.13	3.49	3.97	3.78	3.08	2.47	2.34	2.10	1.71			
		-0.20	-0.03	0.00	0.00	0.00	0.00	-0.07	-0.16	-0.02	-0.65	-0.56	-0.87	-1.23	-1.86	-1.54	-1.66	-2.66	-3.06	-2.40	-1.68	-1.21	-0.49	-0.63	-0.09			
ADK HUDSON___FALLS	24011	33.82	31.59	29.29	28.39	29.14	31.33	48.53	45.29	40.55	32.08	32.27	33.19	36.30	37.42	38.90	40.74	47.47	64.37	67.75	61.81	49.86	40.65	35.62	32.63			
		1.09	0.86	0.83	0.80	0.79	0.88	1.42	1.36	1.03	0.54	0.19	0.13	0.07	0.12	0.16	0.53	1.00	2.05	2.59	2.23	1.79	1.35	1.05	0.98			
		0.15	0.03	0.00	0.00	0.00	0.00	-5.40	0.07	0.00	0.42	0.36	0.56	0.80	1.14	0.90	0.95	1.32	1.71	1.15	0.71	0.45	0.29	0.41	0.05			
ADK RESOURCE___RCVRY	23798	33.92	31.68	29.38	28.47	29.23	31.42	48.49	45.51	40.70	32.15	32.31	33.20	36.31	37.44	38.92	40.80	47.59	64.66	68.10	62.13	50.06	40.77	35.77	32.72			
		1.18	0.95	0.91	0.88	0.88	0.97	1.58	1.58	1.18	0.61	0.23	0.13	0.07	0.12	0.16	0.58	1.10	2.30	2.91	2.53	1.99	1.47	1.19	1.08			
		0.14	0.03	0.00	0.00	0.00	0.00	-5.20	0.07	0.00	0.41	0.36	0.55	0.78	1.12	0.89	0.93	1.30	1.68	1.13	0.70	0.44	0.29	0.40	0.05			
ADK S GLENS___FALLS	24028	33.82	31.59	29.29	28.39	29.14	31.33	48.53	45.29	40.55	32.08	32.27	33.19	36.30	37.42	38.90	40.74	47.47	64.37	67.75	61.81	49.86	40.65	35.62	32.63			
		1.09	0.86	0.83	0.80	0.79	0.88	1.42	1.36	1.03	0.54	0.19	0.13	0.07	0.12	0.16	0.53	1.00	2.05	2.59	2.23	1.79	1.35	1.05	0.98			
		0.15	0.03	0.00	0.00	0.00	0.00	-5.40	0.07	0.00	0.42	0.36	0.56	0.80	1.14	0.90	0.95	1.32	1.71	1.15	0.71	0.45	0.29	0.41	0.05			
ADK_NYS___DAM	23527	33.59	31.55	29.32	28.45	29.11	31.24	51.97	45.11	40.70	31.93	32.43	33.18	36.08	36.98	38.88	40.25	46.56	62.54	66.00	60.56	49.06	40.33	35.22	32.71			
		1.05	0.86	0.85	0.86	0.77	0.79	1.54	1.28	1.18	0.96	0.84	0.87	0.93	1.19	1.35	1.32	1.86	2.49	2.38	1.93	1.60	1.42	1.19	1.14			
		0.34	0.06	0.00	0.00	0.00	0.00	-8.72	0.17	0.00	0.98	0.85	1.30	1.86	2.66	2.11	2.21	3.09	3.99	2.70	1.67	1.04	0.69	0.95	0.13			
AIR_PRODUCTS___DRP	24190	32.34	30.27	28.13	27.37	27.98	30.05	34.01	43.38	39.08	31.30	31.79	32.75	35.91	37.09	38.58	39.95	46.30	62.03	64.65	58.89	47.63	38.98	34.41	31.46			
		-0.43	-0.46	-0.34	-0.22	-0.37	-0.40	-0.29	-0.57	-0.43	-0.29	-0.32	-0.37	-0.41	-0.35	-0.28	-0.37	-0.33	-0.51	-0.66	-0.78	-0.49	-0.36	-0.21	-0.19			
		0.11	0.02	0.00	0.00	0.00	0.00	7.41	0.05	0.00	0.37	0.32	0.49	0.70	1.00	0.79	0.83	1.15	1.49	1.01	0.62	0.39	0.26	0.36	0.05			
AKWESSNE_115KV_BK	355683	33.11	31.03	28.75	27.95	28.80	31.02	42.67	44.92	40.35	32.47	32.93	34.18	37.65	38.83	40.08	41.52	48.27	64.93	67.18	61.20	49.19	40.19	35.47	32.11			
		0.23	0.28	0.28	0.36	0.45	0.58	0.96	0.92	0.83	0.51	0.49	0.57	0.63	0.38	0.44	0.37	0.48	0.90	0.86	0.90	0.68	0.59	0.49	0.41			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR	323833	32.65	30.53	28.27	27.45	28.12	30.14	36.70	43.61	39.08	31.30	31.63	32.63	2.24	20.79	38.35	39.89	46.53	62.71	65.42	59.60	48.17	39.35	35.31	32.21			
		-0.16	-0.21	-0.20	-0.14	-0.23	-0.30	-0.08	-0.35	-0.43	-0.48	-0.65	-0.74	-0.85	-0.81	-0.79	-0.74	-0.52	-0.38	-0.26	-0.30	-0.10	-0.08	0.56	0.54			
		0.07	0.01	0.00	0.00	0.00	0.00	4.92	0.03	0.00	0.18	0.16	0.24	33.93	16.85	0.50	0.52	0.73	0.94	0.64	0.39	0.25	0.16	0.22	0.03			
ALBANY_2_SOLAR	323834	32.65	30.53	28.27	27.45	28.12	30.14	36.67	43.61	39.05	31.29	31.60	32.60	2.34	20.84	38.35	39.85	46.49	62.71	65.42	59.60	48.12	39.31	35.31	32.17			
		-0.16	-0.21	-0.20	-0.14	-0.23	-0.30	-0.12	-0.35	-0.47	-0.48	-0.68	-0.77	-0.85	-0.81	-0.79	-0.78	-0.57	-0.38	-0.26	-0.30	-0.15	-0.12	0.56	0.51			
		0.07	0.01	0.00	0.00	0.00	0.00	4.92	0.03	0.00	0.18	0.16	0.24	33.83	16.80	0.50	0.52	0.73	0.94	0.64	0.39	0.25	0.16	0.22	0.03			
ALBANY___1	23571	32.34	30.27	28.13	27.37	27.98	30.05	34.01	43.38	39.08	31.30	31.79	32.75	35.91	37.09	38.58	39.95	46.30	62.03	64.65	58.89	47.63	38.98	34.41	31.46			
		-0.43	-0.46	-0.34	-0.22	-0.37	-0.40	-0.29	-0.57	-0.43	-0.29	-0.32	-0.37	-0.41	-0.35	-0.28	-0.37	-0.33	-0.51	-0.66	-0.78	-0.49	-0.36	-0.21	-0.19			
		0.11	0.02	0.00	0.00	0.00	0.00	7.41	0.05	0.00	0.37	0.32	0.49	0.70	1.00	0.79	0.83	1.15	1.49	1.01	0.62	0.39	0.26	0.36	0.05			

ALBANY___2 23572	32.34 -0.43 0.11	30.27 -0.46 0.02	28.13 -0.34 0.00	27.37 -0.22 0.00	27.98 -0.37 0.00	30.05 -0.40 0.00	34.01 -0.29 7.41	43.38 -0.57 0.05	39.08 -0.43 0.00	31.30 -0.29 0.37	31.79 -0.32 0.32	32.75 -0.37 0.49	35.91 -0.41 0.70	37.09 -0.35 1.00	38.58 -0.28 0.79	39.95 -0.37 0.83	46.30 -0.33 1.15	62.03 -0.51 1.49	64.65 -0.66 1.01	58.89 -0.78 0.62	47.63 -0.49 0.39	38.98 -0.36 0.26	34.41 -0.21 0.36	31.46 -0.19 0.05
ALBANY___3 23573	32.34 -0.43 0.11	30.27 -0.46 0.02	28.13 -0.34 0.00	27.37 -0.22 0.00	27.98 -0.37 0.00	30.05 -0.40 0.00	34.01 -0.29 7.41	43.38 -0.57 0.05	39.08 -0.43 0.00	31.30 -0.29 0.37	31.79 -0.32 0.32	32.75 -0.37 0.49	35.91 -0.41 0.70	37.09 -0.35 1.00	38.58 -0.28 0.79	39.95 -0.37 0.83	46.30 -0.33 1.15	62.03 -0.51 1.49	64.65 -0.66 1.01	58.89 -0.78 0.62	47.63 -0.49 0.39	38.98 -0.36 0.26	34.41 -0.21 0.36	31.46 -0.19 0.05
ALBANY___4 23574	32.34 -0.43 0.11	30.27 -0.46 0.02	28.13 -0.34 0.00	27.37 -0.22 0.00	27.98 -0.37 0.00	30.05 -0.40 0.00	34.01 -0.29 7.41	43.38 -0.57 0.05	39.08 -0.43 0.00	31.30 -0.29 0.37	31.79 -0.32 0.32	32.75 -0.37 0.49	35.91 -0.41 0.70	37.09 -0.35 1.00	38.58 -0.28 0.79	39.95 -0.37 0.83	46.30 -0.33 1.15	62.03 -0.51 1.49	64.65 -0.66 1.01	58.89 -0.78 0.62	47.63 -0.49 0.39	38.98 -0.36 0.26	34.41 -0.21 0.36	31.46 -0.19 0.05
ALBANY___LFGE 323615	32.69 -0.07 0.12	30.58 -0.15 0.02	28.38 -0.09 0.00	27.62 0.03 0.00	28.26 -0.08 0.00	30.32 -0.12 0.00	33.24 0.08 8.56	43.77 -0.18 0.06	39.48 -0.04 0.00	31.50 -0.03 0.42	31.98 -0.10 0.36	32.92 -0.13 0.56	36.08 -0.15 0.80	37.23 -0.08 1.14	38.71 -0.04 0.89	40.17 -0.04 0.94	46.57 0.10 1.31	62.53 0.19 1.70	65.30 0.13 1.15	59.53 -0.06 0.71	48.11 0.05 0.44	39.34 0.04 0.29	34.75 0.18 0.40	31.80 0.16 0.05
ALCOA_PA_115KV_PL-6C 55860	33.27 0.39 0.00	31.22 0.46 0.00	28.89 0.43 0.00	28.12 0.52 0.00	28.94 0.60 0.00	31.24 0.79 0.00	42.96 1.25 0.00	45.23 1.23 0.00	40.58 1.07 0.00	32.63 0.67 0.00	33.09 0.65 0.00	34.35 0.74 0.00	37.84 0.81 0.00	38.98 0.54 0.00	40.20 0.55 0.00	41.65 0.49 0.00	48.46 0.67 0.00	65.12 1.09 0.00	67.44 1.13 0.00	61.50 1.21 0.00	49.43 0.92 0.00	40.39 0.79 0.00	35.68 0.70 0.00	32.30 0.60 0.00
ALCOA_RYNLDS___DRP 24188	33.27 0.39 0.00	31.22 0.46 0.00	28.89 0.43 0.00	28.12 0.52 0.00	28.94 0.60 0.00	31.24 0.79 0.00	42.96 1.25 0.00	45.23 1.23 0.00	40.58 1.07 0.00	32.63 0.67 0.00	33.09 0.65 0.00	34.35 0.74 0.00	37.84 0.81 0.00	38.98 0.54 0.00	40.20 0.55 0.00	41.65 0.49 0.00	48.46 0.67 0.00	65.12 1.09 0.00	67.44 1.13 0.00	61.50 1.21 0.00	49.43 0.92 0.00	40.39 0.79 0.00	35.68 0.70 0.00	32.30 0.60 0.00
ALCOA___DSASP 323711	33.28 0.40 0.00	31.22 0.46 0.00	28.89 0.43 0.00	28.11 0.52 0.00	28.94 0.60 0.00	31.24 0.79 0.00	42.96 1.25 0.00	45.23 1.23 0.00	40.62 1.10 0.00	32.63 0.67 0.00	33.09 0.65 0.00	34.35 0.74 0.00	37.83 0.81 0.00	38.98 0.54 0.00	40.20 0.55 0.00	41.73 0.58 0.00	48.46 0.67 0.00	65.12 1.09 0.00	67.44 1.13 0.00	61.50 1.21 0.00	49.48 0.97 0.00	40.39 0.79 0.00	35.68 0.70 0.00	32.30 0.60 0.00
ALLEGHENY___COGEN 23514	35.74 2.14 -0.72	33.37 2.06 -0.55	30.41 1.59 -0.35	29.27 1.41 -0.27	30.22 1.53 -0.34	32.58 1.61 -0.52	43.53 0.96 -0.87	47.17 1.54 -1.63	40.57 0.59 -0.46	32.18 0.19 -0.03	32.90 0.26 -0.20	34.10 0.10 -0.39	37.77 0.04 -0.71	40.01 0.35 -1.22	39.76 0.12 0.00	42.42 0.37 -0.90	48.08 0.29 0.00	64.67 0.64 0.00	71.58 1.85 -3.41	65.82 2.29 -3.23	52.01 1.31 -2.19	41.38 0.67 -1.12	36.13 0.45 -0.70	32.72 0.38 -0.64
ALTAMONT_115KV_TB 2 55880	32.94 0.13 0.07	30.83 0.09 0.01	28.58 0.11 0.00	27.73 0.14 0.00	28.43 0.09 0.00	30.48 0.03 0.00	38.65 0.25 3.31	44.10 0.13 0.03	39.68 0.16 0.00	31.89 0.16 0.23	32.37 0.13 0.20	33.44 0.13 0.30	37.95 0.15 -0.78	38.61 0.19 0.02	39.43 0.28 0.49	40.93 0.29 0.51	47.50 0.43 0.72	63.55 0.45 0.93	66.09 0.40 0.63	60.09 0.18 0.39	48.56 0.29 0.24	39.71 0.28 0.16	35.07 0.31 0.22	31.95 0.29 0.03
ALTONA_WT_PWR 323606	32.62 -0.26 0.00	31.00 0.24 0.00	29.09 0.63 0.00	28.70 1.10 0.00	29.91 1.56 0.00	32.54 2.10 0.00	45.08 3.38 0.00	47.48 3.48 0.00	42.60 3.08 0.00	34.03 2.08 0.00	34.39 1.95 0.00	35.69 2.08 0.00	39.28 2.26 0.00	40.18 1.73 0.00	41.47 1.82 0.00	42.92 1.77 0.00	50.13 2.34 0.00	67.74 3.71 0.00	69.96 3.65 0.00	63.73 3.44 0.00	50.98 2.47 0.00	41.46 1.86 0.00	36.52 1.54 0.00	33.06 1.36 0.00
AMERICAN_REF_FUEL 24010	34.01 0.46 -0.67	31.70 0.43 -0.51	28.82 0.03 -0.32	27.62 -0.22 -0.25	28.63 -0.03 -0.31	30.72 -0.21 -0.48	39.71 -2.79 -0.80	43.05 -2.46 -1.51	37.57 -2.37 -0.42	30.32 -1.66 -0.03	31.17 -1.46 -0.19	32.49 -1.48 -0.36	35.94 -1.74 -0.66	38.11 -1.46 -1.13	37.70 -1.94 0.00	40.17 -1.81 -0.83	44.92 -2.87 0.00	59.36 -4.67 0.00	64.83 -4.64 -3.15	59.30 -3.98 -2.99	47.38 -3.15 -2.03	38.25 -2.37 -1.03	33.63 -1.99 -0.65	30.90 -1.39 -0.59
ARKWRIGHT___SUMMIT_WT_PWR 323751	35.11 1.55 -0.68	32.69 1.42 -0.52	29.79 1.00 -0.33	28.56 0.72 -0.25	29.66 0.99 -0.32	31.97 1.04 -0.49	41.81 -0.71 -0.81	45.49 -0.04 -1.54	39.47 -0.47 -0.43	31.86 -0.13 -0.03	32.79 0.16 -0.19	34.18 0.20 -0.37	37.80 0.11 -0.67	40.09 0.50 -1.15	39.64 0.00 0.00	42.00 0.00 -0.85	47.12 -0.67 0.00	62.05 -1.99 0.00	67.80 -1.72 -3.21	61.71 -1.63 -3.04	48.92 -1.65 -2.06	39.26 -1.39 -1.05	34.24 -1.40 -0.66	31.28 -1.02 -0.60
ARTHUR KILL_GT_1 23520	34.95 1.87 -0.20	32.20 1.41 -0.03	29.72 1.25 0.00	28.78 1.19 0.00	29.45 1.11 0.00	31.66 1.22 0.00	40.56 1.13 2.28	41.88 1.28 3.40	41.55 2.49 0.46	34.55 1.95 -0.65	35.30 2.30 -0.56	36.90 2.42 -0.87	40.84 2.63 -1.19	40.96 2.88 0.37	41.29 3.21 1.56	41.21 2.88 2.82	39.18 2.92 11.52	49.55 2.63 17.11	46.84 2.32 21.80	39.72 1.75 22.32	39.44 1.65 10.72	41.75 2.45 0.30	37.67 2.06 -0.63	33.59 1.81 -0.09
ARTHUR_KILL_2 23512	34.85 1.77 -0.20	32.11 1.32 -0.03	29.63 1.17 0.00	28.70 1.10 0.00	29.37 1.02 0.00	31.54 1.09 0.00	40.39 0.96 2.28	41.88 1.28 3.40	40.13 1.07 0.46	34.49 1.88 -0.65	35.21 2.21 -0.56	36.79 2.32 -0.87	40.73 2.52 -1.19	40.85 2.77 0.37	41.17 3.09 1.56	40.84 2.51 2.82	38.75 2.48 11.52	49.36 2.43 17.11	46.58 2.06 21.80	39.48 1.51 22.32	39.10 1.31 10.72	41.63 2.34 0.30	37.57 1.96 -0.63	33.56 1.77 -0.09
ARTHUR_KILL_3 23513	34.32 1.25 -0.19	31.67 0.89 -0.03	29.28 0.83 0.01	28.35 0.77 0.01	29.05 0.71 0.01	31.17 0.73 0.01	41.14 1.17 1.73	42.43 1.37 2.93	40.81 1.58 0.29	34.49 1.88 -0.65	35.17 2.17 -0.56	36.73 2.25 -0.87	40.60 2.37 -1.21	41.34 2.50 -0.40	41.96 2.81 0.50	42.26 2.47 1.36	43.72 2.87 6.93	53.23 3.20 14.00	52.01 2.91 17.22	44.62 2.35 18.03	43.49 1.84 6.86	41.38 1.82 0.04	37.31 1.71 -0.62	33.17 1.39 -0.08

ARTHUR_KILL_COGEN 323718	34.95 1.87 -0.20	32.21 1.42 -0.03	29.75 1.28 0.00	28.78 1.19 0.00	29.45 1.10 0.00	31.63 1.19 0.00	40.51 1.08 2.28	42.05 1.45 3.40	40.25 1.18 0.46	34.58 1.98 -0.65	35.30 2.30 -0.56	36.90 2.42 -0.87	40.88 2.67 -1.19	40.96 2.88 0.37	41.29 3.21 1.56	41.01 2.67 2.82	38.89 2.63 11.52	49.61 2.69 17.11	46.84 2.32 21.80	39.72 1.75 22.32	39.30 1.51 10.72	41.75 2.46 0.30	37.67 2.06 -0.63	33.65 1.87 -0.09
ASHOKAN____ 23654	34.65 1.77 0.00	32.29 1.54 0.00	29.09 0.63 0.00	28.25 0.66 0.00	28.92 0.57 0.00	30.96 0.52 0.00	40.34 2.21 3.58	46.29 2.29 0.00	40.11 0.59 0.00	33.42 1.47 0.00	33.90 1.46 0.00	35.02 1.41 0.00	3.66 1.59 34.96	23.23 1.81 17.02	41.58 1.94 0.00	43.25 2.10 0.00	50.65 2.87 0.00	67.94 3.91 0.00	70.63 4.31 0.00	64.16 3.86 0.00	51.57 3.06 0.00	41.89 2.30 0.00	36.94 1.96 0.00	33.34 1.65 0.00
ASTORIA_EAST_ENERGY_CC1 323581	34.89 1.81 -0.21	32.18 1.39 -0.04	29.73 1.25 -0.01	28.78 1.19 -0.01	29.46 1.10 -0.01	31.55 1.09 -0.01	43.31 1.50 -0.10	45.90 1.71 -0.18	41.45 1.90 -0.03	34.78 2.17 -0.65	35.51 2.50 -0.57	37.11 2.62 -0.88	41.11 2.85 -1.24	43.34 3.00 -1.90	44.52 3.29 -1.59	45.71 2.84 -1.72	53.70 3.06 -2.85	70.55 3.33 -3.19	72.15 3.25 -2.59	64.87 2.72 -1.86	51.86 1.99 -1.37	42.44 2.34 -0.51	37.79 2.17 -0.64	33.66 1.87 -0.09
ASTORIA_EAST_ENERGY_CC2 323582	34.89 1.81 -0.21	32.18 1.39 -0.04	29.73 1.25 -0.01	28.78 1.19 -0.01	29.46 1.10 -0.01	31.55 1.09 -0.01	43.31 1.50 -0.10	45.90 1.71 -0.18	41.45 1.90 -0.03	34.78 2.17 -0.65	35.51 2.50 -0.57	37.11 2.62 -0.88	41.11 2.85 -1.24	43.34 3.00 -1.90	44.52 3.29 -1.59	45.71 2.84 -1.72	53.70 3.06 -2.85	70.55 3.33 -3.19	72.15 3.25 -2.59	64.87 2.72 -1.86	51.86 1.99 -1.37	42.44 2.34 -0.51	37.79 2.17 -0.64	33.66 1.87 -0.09
ASTORIA_GT2_1 24094	34.89 1.81 -0.20	32.17 1.38 -0.03	29.72 1.25 0.00	28.78 1.19 0.00	29.45 1.11 0.00	31.57 1.13 0.00	43.34 1.54 -0.09	45.89 1.72 -0.17	41.64 2.09 -0.03	34.74 2.14 -0.65	35.50 2.50 -0.56	37.10 2.62 -0.87	41.10 2.85 -1.23	43.33 3.00 -1.89	44.52 3.29 -1.59	45.83 2.96 -1.72	53.73 3.11 -2.84	70.54 3.33 -3.18	72.15 3.25 -2.59	64.81 2.65 -1.86	51.86 1.99 -1.37	42.39 2.30 -0.50	37.78 2.17 -0.63	33.59 1.81 -0.09
ASTORIA_GT2_2 24095	34.89 1.81 -0.20	32.17 1.38 -0.03	29.72 1.25 0.00	28.78 1.19 0.00	29.45 1.11 0.00	31.57 1.13 0.00	43.34 1.54 -0.09	45.89 1.72 -0.17	41.64 2.09 -0.03	34.74 2.14 -0.65	35.50 2.50 -0.56	37.10 2.62 -0.87	41.10 2.85 -1.23	43.33 3.00 -1.89	44.52 3.29 -1.59	45.83 2.96 -1.72	53.73 3.11 -2.84	70.54 3.33 -3.18	72.15 3.25 -2.59	64.81 2.65 -1.86	51.86 1.99 -1.37	42.39 2.30 -0.50	37.78 2.17 -0.63	33.59 1.81 -0.09
ASTORIA_GT2_3 24096	34.89 1.81 -0.20	32.17 1.38 -0.03	29.72 1.25 0.00	28.78 1.19 0.00	29.45 1.11 0.00	31.57 1.13 0.00	43.34 1.54 -0.09	45.89 1.72 -0.17	41.64 2.09 -0.03	34.74 2.14 -0.65	35.50 2.50 -0.56	37.10 2.62 -0.87	41.10 2.85 -1.23	43.33 3.00 -1.89	44.52 3.29 -1.59	45.83 2.96 -1.72	53.73 3.11 -2.84	70.54 3.33 -3.18	72.15 3.25 -2.59	64.81 2.65 -1.86	51.86 1.99 -1.37	42.39 2.30 -0.50	37.78 2.17 -0.63	33.59 1.81 -0.09
ASTORIA_GT2_4 24097	34.89 1.81 -0.20	32.17 1.38 -0.03	29.72 1.25 0.00	28.78 1.19 0.00	29.45 1.11 0.00	31.57 1.13 0.00	43.34 1.54 -0.09	45.89 1.72 -0.17	41.64 2.09 -0.03	34.74 2.14 -0.65	35.50 2.50 -0.56	37.10 2.62 -0.87	41.10 2.85 -1.23	43.33 3.00 -1.89	44.52 3.29 -1.59	45.83 2.96 -1.72	53.73 3.11 -2.84	70.54 3.33 -3.18	72.15 3.25 -2.59	64.81 2.65 -1.86	51.86 1.99 -1.37	42.39 2.30 -0.50	37.78 2.17 -0.63	33.59 1.81 -0.09
ASTORIA_GT3_1 24098	34.89 1.81 -0.20	32.17 1.38 -0.03	29.72 1.25 0.00	28.78 1.19 0.00	29.45 1.11 0.00	31.57 1.13 0.00	43.34 1.54 -0.09	45.89 1.72 -0.17	41.64 2.09 -0.03	34.74 2.14 -0.65	35.50 2.50 -0.56	37.10 2.62 -0.87	41.10 2.85 -1.23	43.33 3.00 -1.89	44.52 3.29 -1.59	45.83 2.96 -1.72	53.73 3.11 -2.84	70.54 3.33 -3.18	72.15 3.25 -2.59	64.81 2.65 -1.86	51.86 1.99 -1.37	42.39 2.30 -0.50	37.78 2.17 -0.63	33.59 1.81 -0.09
ASTORIA_GT3_2 24099	34.89 1.81 -0.20	32.17 1.38 -0.03	29.72 1.25 0.00	28.78 1.19 0.00	29.45 1.11 0.00	31.57 1.13 0.00	43.34 1.54 -0.09	45.89 1.72 -0.17	41.64 2.09 -0.03	34.74 2.14 -0.65	35.50 2.50 -0.56	37.10 2.62 -0.87	41.10 2.85 -1.23	43.33 3.00 -1.89	44.52 3.29 -1.59	45.83 2.96 -1.72	53.73 3.11 -2.84	70.54 3.33 -3.18	72.15 3.25 -2.59	64.81 2.65 -1.86	51.86 1.99 -1.37	42.39 2.30 -0.50	37.78 2.17 -0.63	33.59 1.81 -0.09
ASTORIA_GT3_3 24100	34.89 1.81 -0.20	32.17 1.38 -0.03	29.72 1.25 0.00	28.78 1.19 0.00	29.45 1.11 0.00	31.57 1.13 0.00	43.34 1.54 -0.09	45.89 1.72 -0.17	41.64 2.09 -0.03	34.74 2.14 -0.65	35.50 2.50 -0.56	37.10 2.62 -0.87	41.10 2.85 -1.23	43.33 3.00 -1.89	44.52 3.29 -1.59	45.83 2.96 -1.72	53.73 3.11 -2.84	70.54 3.33 -3.18	72.15 3.25 -2.59	64.81 2.65 -1.86	51.86 1.99 -1.37	42.39 2.30 -0.50	37.78 2.17 -0.63	33.59 1.81 -0.09
ASTORIA_GT3_4 24101	34.89 1.81 -0.20	32.17 1.38 -0.03	29.72 1.25 0.00	28.78 1.19 0.00	29.45 1.11 0.00	31.57 1.13 0.00	43.34 1.54 -0.09	45.89 1.72 -0.17	41.64 2.09 -0.03	34.74 2.14 -0.65	35.50 2.50 -0.56	37.10 2.62 -0.87	41.10 2.85 -1.23	43.33 3.00 -1.89	44.52 3.29 -1.59	45.83 2.96 -1.72	53.73 3.11 -2.84	70.54 3.33 -3.18	72.15 3.25 -2.59	64.81 2.65 -1.86	51.86 1.99 -1.37	42.39 2.30 -0.50	37.78 2.17 -0.63	33.59 1.81 -0.09
ASTORIA_GT4_1 24102	34.89 1.81 -0.20	32.17 1.38 -0.03	29.72 1.25 0.00	28.78 1.19 0.00	29.45 1.11 0.00	31.57 1.13 0.00	43.34 1.54 -0.09	45.89 1.72 -0.17	41.64 2.09 -0.03	34.74 2.14 -0.65	35.50 2.50 -0.56	37.10 2.62 -0.87	41.10 2.85 -1.23	43.33 3.00 -1.89	44.52 3.29 -1.59	45.83 2.96 -1.72	53.73 3.11 -2.84	70.54 3.33 -3.18	72.15 3.25 -2.59	64.81 2.65 -1.86	51.86 1.99 -1.37	42.39 2.30 -0.50	37.78 2.17 -0.63	33.59 1.81 -0.09
ASTORIA_GT4_2 24103	34.89 1.81 -0.20	32.17 1.38 -0.03	29.72 1.25 0.00	28.78 1.19 0.00	29.45 1.11 0.00	31.57 1.13 0.00	43.34 1.54 -0.09	45.89 1.72 -0.17	41.64 2.09 -0.03	34.74 2.14 -0.65	35.50 2.50 -0.56	37.10 2.62 -0.87	41.10 2.85 -1.23	43.33 3.00 -1.89	44.52 3.29 -1.59	45.83 2.96 -1.72	53.73 3.11 -2.84	70.54 3.33 -3.18	72.15 3.25 -2.59	64.81 2.65 -1.86	51.86 1.99 -1.37	42.39 2.30 -0.50	37.78 2.17 -0.63	33.59 1.81 -0.09
ASTORIA_GT4_3 24104	34.89 1.81 -0.20	32.17 1.38 -0.03	29.72 1.25 0.00	28.78 1.19 0.00	29.45 1.11 0.00	31.57 1.13 0.00	43.34 1.54 -0.09	45.89 1.72 -0.17	41.64 2.09 -0.03	34.74 2.14 -0.65	35.50 2.50 -0.56	37.10 2.62 -0.87	41.10 2.85 -1.23	43.33 3.00 -1.89	44.52 3.29 -1.59	45.83 2.96 -1.72	53.73 3.11 -2.84	70.54 3.33 -3.18	72.15 3.25 -2.59	64.81 2.65 -1.86	51.86 1.99 -1.37	42.39 2.30 -0.50	37.78 2.17 -0.63	33.59 1.81 -0.09

ASTORIA_GT4_4 24105	34.89 1.81 -0.20	32.17 1.38 -0.03	29.72 1.25 0.00	28.78 1.19 0.00	29.45 1.11 0.00	31.57 1.13 0.00	43.34 1.54 -0.09	45.89 1.72 -0.17	41.64 2.09 -0.03	34.74 2.14 -0.65	35.50 2.50 -0.56	37.10 2.62 -0.87	41.10 2.85 -1.23	43.33 3.00 -1.89	44.52 3.29 -1.59	45.83 2.96 -1.72	53.73 3.11 -2.84	70.54 3.33 -3.18	72.15 3.25 -2.59	64.81 2.65 -1.86	51.86 1.99 -1.37	42.39 2.30 -0.50	37.78 2.17 -0.63	33.59 1.81 -0.09
ASTORIA_GT_1 23523	34.95 1.87 -0.20	32.24 1.45 -0.03	29.75 1.28 0.00	28.83 1.24 0.00	29.51 1.16 0.00	31.63 1.19 0.00	43.43 1.63 -0.09	45.98 1.80 -0.17	41.72 2.17 -0.03	34.84 2.24 -0.65	35.59 2.60 -0.56	37.16 2.69 -0.87	41.22 2.96 -1.23	43.45 3.11 -1.89	44.64 3.41 -1.59	45.95 3.09 -1.72	53.83 3.20 -2.84	70.67 3.46 -3.18	72.29 3.38 -2.59	64.99 2.83 -1.86	51.96 2.09 -1.37	42.47 2.38 -0.50	37.85 2.24 -0.63	33.62 1.84 -0.09
ASTORIA_GT_10 24110	34.66 1.58 -0.20	31.99 1.20 -0.03	29.55 1.08 0.00	28.64 1.05 0.00	29.31 0.96 0.00	31.45 1.00 0.00	43.75 1.33 -0.71	46.20 1.50 -0.70	41.66 1.94 -0.20	34.65 2.05 -0.65	35.40 2.40 -0.56	36.96 2.49 -0.87	40.97 2.70 -1.25	44.01 2.81 -2.76	45.54 3.09 -2.81	47.33 2.80 -3.38	58.82 2.92 -8.11	73.86 3.07 -6.75	77.07 2.92 -7.84	69.31 2.23 -6.78	56.08 1.79 -5.78	42.45 2.06 -0.79	37.57 1.96 -0.63	33.40 1.62 -0.09
ASTORIA_GT_11 24225	34.66 1.58 -0.20	31.99 1.20 -0.03	29.55 1.08 0.00	28.64 1.05 0.00	29.31 0.96 0.00	31.45 1.00 0.00	43.75 1.33 -0.71	46.20 1.50 -0.70	41.66 1.94 -0.20	34.65 2.05 -0.65	35.40 2.40 -0.56	36.96 2.49 -0.87	40.97 2.70 -1.25	44.01 2.81 -2.76	45.54 3.09 -2.81	47.33 2.80 -3.38	58.82 2.92 -8.11	73.86 3.07 -6.75	77.07 2.92 -7.84	69.31 2.23 -6.78	56.08 1.79 -5.78	42.45 2.06 -0.79	37.57 1.96 -0.63	33.40 1.62 -0.09
ASTORIA_GT_12 24226	34.66 1.58 -0.20	31.99 1.20 -0.03	29.55 1.08 0.00	28.64 1.05 0.00	29.31 0.96 0.00	31.45 1.00 0.00	43.75 1.33 -0.71	46.20 1.50 -0.70	41.66 1.94 -0.20	34.65 2.05 -0.65	35.40 2.40 -0.56	36.96 2.49 -0.87	40.97 2.70 -1.25	44.01 2.81 -2.76	45.54 3.09 -2.81	47.33 2.80 -3.38	58.82 2.92 -8.11	73.86 3.07 -6.75	77.07 2.92 -7.84	69.31 2.23 -6.78	56.08 1.79 -5.78	42.45 2.06 -0.79	37.57 1.96 -0.63	33.40 1.62 -0.09
ASTORIA_GT_13 24227	34.66 1.58 -0.20	31.99 1.20 -0.03	29.55 1.08 0.00	28.64 1.05 0.00	29.31 0.96 0.00	31.45 1.00 0.00	43.75 1.33 -0.71	46.20 1.50 -0.70	41.66 1.94 -0.20	34.65 2.05 -0.65	35.40 2.40 -0.56	36.96 2.49 -0.87	40.97 2.70 -1.25	44.01 2.81 -2.76	45.54 3.09 -2.81	47.33 2.80 -3.38	58.82 2.92 -8.11	73.86 3.07 -6.75	77.07 2.92 -7.84	69.31 2.23 -6.78	56.08 1.79 -5.78	42.45 2.06 -0.79	37.57 1.96 -0.63	33.40 1.62 -0.09
ASTORIA_GT_5 24106	34.95 1.87 -0.20	32.24 1.45 -0.03	29.75 1.28 0.00	28.83 1.24 0.00	29.51 1.16 0.00	31.63 1.19 0.00	43.43 1.63 -0.09	45.98 1.80 -0.17	41.72 2.17 -0.03	34.84 2.24 -0.65	35.59 2.60 -0.56	37.16 2.69 -0.87	41.22 2.96 -1.23	43.45 3.11 -1.89	44.64 3.41 -1.59	45.95 3.09 -1.72	53.83 3.20 -2.84	70.67 3.46 -3.18	72.29 3.38 -2.59	64.99 2.83 -1.86	51.96 2.09 -1.37	42.47 2.38 -0.50	37.85 2.24 -0.63	33.62 1.84 -0.09
ASTORIA_GT_7 24107	34.95 1.87 -0.20	32.24 1.45 -0.03	29.75 1.28 0.00	28.83 1.24 0.00	29.51 1.16 0.00	31.63 1.19 0.00	43.43 1.63 -0.09	45.98 1.80 -0.17	41.72 2.17 -0.03	34.84 2.24 -0.65	35.59 2.60 -0.56	37.16 2.69 -0.87	41.22 2.96 -1.23	43.45 3.11 -1.89	44.64 3.41 -1.59	45.95 3.09 -1.72	53.83 3.20 -2.84	70.67 3.46 -3.18	72.29 3.38 -2.59	64.99 2.83 -1.86	51.96 2.09 -1.37	42.47 2.38 -0.50	37.85 2.24 -0.63	33.62 1.84 -0.09
ASTORIA_GT_8 24108	34.95 1.87 -0.20	32.24 1.45 -0.03	29.75 1.28 0.00	28.83 1.24 0.00	29.51 1.16 0.00	31.63 1.19 0.00	43.43 1.63 -0.09	45.98 1.80 -0.17	41.72 2.17 -0.03	34.84 2.24 -0.65	35.59 2.60 -0.56	37.16 2.69 -0.87	41.22 2.96 -1.23	43.45 3.11 -1.89	44.64 3.41 -1.59	45.95 3.09 -1.72	53.83 3.20 -2.84	70.67 3.46 -3.18	72.29 3.38 -2.59	64.99 2.83 -1.86	51.96 2.09 -1.37	42.47 2.38 -0.50	37.85 2.24 -0.63	33.62 1.84 -0.09
ASTORIA___2 24149	34.89 1.81 -0.21	32.18 1.39 -0.04	29.73 1.25 -0.01	28.78 1.19 -0.01	29.46 1.10 -0.01	31.55 1.09 -0.01	43.31 1.50 -0.10	45.90 1.71 -0.18	41.45 1.90 -0.03	34.78 2.17 -0.65	35.51 2.50 -0.57	37.11 2.62 -0.88	41.11 2.85 -1.24	43.34 3.00 -1.90	44.52 3.29 -1.59	45.71 2.84 -1.72	53.70 3.06 -2.85	70.55 3.33 -3.19	72.15 3.25 -2.59	64.87 2.72 -1.86	51.86 1.99 -1.37	42.44 2.34 -0.51	37.79 2.17 -0.64	33.66 1.87 -0.09
ASTORIA___3 23516	34.66 1.58 -0.20	31.99 1.20 -0.03	29.55 1.08 0.00	28.64 1.05 0.00	29.31 0.96 0.00	31.42 0.97 0.00	43.71 1.29 -0.71	46.24 1.54 -0.70	41.46 1.74 -0.20	34.68 2.08 -0.65	35.40 2.40 -0.56	36.96 2.49 -0.87	40.97 2.70 -1.25	44.01 2.80 -2.76	45.54 3.09 -2.81	47.21 2.67 -3.38	58.82 2.92 -8.11	73.92 3.14 -6.75	77.00 2.85 -7.84	69.37 2.29 -6.78	56.08 1.80 -5.78	42.48 2.10 -0.79	37.60 1.99 -0.63	33.46 1.68 -0.09
ASTORIA___4 23517	34.66 1.58 -0.20	31.99 1.20 -0.03	29.55 1.08 0.00	28.64 1.05 0.00	29.31 0.96 0.00	31.45 1.00 0.00	43.75 1.33 -0.71	46.20 1.50 -0.70	41.66 1.94 -0.20	34.65 2.05 -0.65	35.40 2.40 -0.56	36.96 2.49 -0.87	40.97 2.70 -1.25	44.01 2.81 -2.76	45.54 3.09 -2.81	47.33 2.80 -3.38	58.82 2.92 -8.11	73.86 3.07 -6.75	77.07 2.92 -7.84	69.31 2.23 -6.78	56.08 1.79 -5.78	42.45 2.06 -0.79	37.57 1.96 -0.63	33.40 1.62 -0.09
ASTORIA___5 23518	34.66 1.58 -0.20	31.99 1.20 -0.03	29.55 1.08 0.00	28.64 1.05 0.00	29.31 0.96 0.00	31.42 0.97 0.00	43.71 1.29 -0.71	46.24 1.54 -0.70	41.46 1.74 -0.20	34.68 2.08 -0.65	35.40 2.40 -0.56	36.96 2.49 -0.87	40.97 2.70 -1.25	44.01 2.80 -2.76	45.54 3.09 -2.81	47.21 2.67 -3.38	58.77 2.87 -8.11	73.92 3.14 -6.75	77.00 2.85 -7.84	69.37 2.29 -6.78	56.08 1.80 -5.78	42.48 2.10 -0.79	37.57 1.96 -0.63	33.46 1.68 -0.09
AST_ENERGY_2_CC3 323677	23.78 1.48 10.58	23.78 1.08 8.05	23.78 0.94 5.62	23.78 0.91 4.72	23.78 0.82 5.39	23.78 0.79 7.46	23.78 1.08 19.01	23.78 1.28 21.50	23.78 1.46 17.20	23.78 1.85 10.03	27.83 2.17 6.78	27.83 2.25 8.03	27.83 2.48 11.67	27.83 2.62 13.23	27.83 2.89 14.70	27.83 2.43 15.75	27.83 2.58 22.54	37.13 2.69 29.59	35.55 2.52 33.29	28.07 2.11 34.34	27.83 1.51 22.18	28.82 1.94 12.71	27.83 1.82 8.97	27.83 1.55 5.42
AST_ENERGY_2_CC4 323678	23.78 1.48 10.58	23.78 1.08 8.05	23.78 0.94 5.62	23.78 0.91 4.72	23.78 0.82 5.39	23.78 0.79 7.46	23.78 1.08 19.01	23.78 1.28 21.50	23.78 1.46 17.20	23.78 1.85 10.03	27.83 2.17 6.78	27.83 2.25 8.03	27.83 2.48 11.67	27.83 2.62 13.23	27.83 2.89 14.70	27.83 2.43 15.75	27.83 2.58 22.54	37.13 2.69 29.59	35.55 2.52 33.29	28.07 2.11 34.34	27.83 1.51 22.18	28.82 1.94 12.71	27.83 1.82 8.97	27.83 1.55 5.42

ATHENS_STG_1 23668	33.45 0.46 -0.11	31.15 0.37 -0.02	28.87 0.40 0.00	27.98 0.39 0.00	28.66 0.31 0.00	30.69 0.24 0.00	42.13 0.42 0.00	44.49 0.44 -0.05	40.07 0.55 0.00	32.99 0.67 -0.37	33.53 0.78 -0.32	34.90 0.81 -0.49	38.61 0.89 -0.70	40.40 0.96 -1.00	41.58 1.15 -0.79	42.97 0.99 -0.83	50.19 1.24 -1.16	66.88 1.35 -1.50	68.39 1.06 -1.01	61.70 0.78 -0.63	49.63 0.73 -0.39	40.60 0.75 -0.26	36.07 0.74 -0.36	32.51 0.76 -0.05
ATHENS_STG_2 23670	33.45 0.46 -0.11	31.15 0.37 -0.02	28.87 0.40 0.00	27.98 0.39 0.00	28.66 0.31 0.00	30.69 0.24 0.00	42.13 0.42 0.00	44.49 0.44 -0.05	40.07 0.55 0.00	32.99 0.67 -0.37	33.53 0.78 -0.32	34.90 0.81 -0.49	38.61 0.89 -0.70	40.40 0.96 -1.00	41.58 1.15 -0.79	42.97 0.99 -0.83	50.19 1.24 -1.16	66.88 1.35 -1.50	68.39 1.06 -1.01	61.70 0.78 -0.63	49.63 0.73 -0.39	40.60 0.75 -0.26	36.07 0.74 -0.36	32.51 0.76 -0.05
ATHENS_STG_3 23677	33.45 0.46 -0.11	31.15 0.37 -0.02	28.87 0.40 0.00	27.98 0.39 0.00	28.66 0.31 0.00	30.69 0.24 0.00	42.13 0.42 0.00	44.49 0.44 -0.05	40.07 0.55 0.00	32.99 0.67 -0.37	33.53 0.78 -0.32	34.90 0.81 -0.49	38.61 0.89 -0.70	40.40 0.96 -1.00	41.58 1.15 -0.79	42.97 0.99 -0.83	50.19 1.24 -1.16	66.88 1.35 -1.50	68.39 1.06 -1.01	61.70 0.78 -0.63	49.63 0.73 -0.39	40.60 0.75 -0.26	36.07 0.74 -0.36	32.51 0.76 -0.05
AUBURN___LFGE 323710	34.55 0.33 -1.34	32.06 0.28 -1.03	29.29 0.17 -0.65	28.20 0.11 -0.50	29.12 0.14 -0.63	31.57 0.15 -0.97	43.27 -0.04 -1.61	47.21 0.18 -3.03	40.33 -0.04 -0.85	31.98 -0.03 -0.06	32.82 0.00 -0.38	34.31 -0.03 -0.73	38.34 0.00 -1.32	40.79 0.08 -2.27	39.68 0.04 0.00	42.90 0.08 -1.67	47.79 0.00 0.00	64.10 0.06 0.00	73.17 0.53 -6.32	66.89 0.60 -5.99	52.91 0.34 -4.07	41.75 0.08 -2.07	36.31 0.03 -1.30	32.92 0.03 -1.19
BABYLON_RES_REC 323704	34.62 1.55 -0.20	31.65 0.86 -0.03	29.15 0.68 0.00	28.28 0.69 0.00	28.92 0.57 0.00	31.24 0.79 0.00	42.79 1.08 0.00	45.28 1.19 -0.09	41.30 1.78 0.00	34.84 2.24 -0.65	35.41 2.40 -0.57	36.90 2.42 -0.87	40.89 2.63 -1.24	42.90 2.69 -1.77	43.98 2.93 -1.40	45.26 2.64 -1.48	52.46 2.63 -2.04	68.40 1.73 -2.63	69.49 1.39 -1.78	62.35 0.96 -1.10	50.26 1.07 -0.69	42.27 2.22 -0.46	37.57 1.96 -0.63	33.52 1.74 -0.09
BALL_HILL_WT_PWR 323825	34.71 1.15 -0.68	32.35 1.08 -0.52	29.48 0.68 -0.33	28.23 0.39 -0.25	29.29 0.62 -0.32	31.54 0.61 -0.49	41.06 -1.46 -0.81	44.60 -0.93 -1.53	38.84 -1.11 -0.43	31.34 -0.64 -0.03	32.24 -0.39 -0.19	33.57 -0.40 -0.37	37.17 -0.52 -0.67	39.43 -0.15 -1.14	39.09 -0.56 0.00	41.50 -0.49 -0.84	46.59 -1.19 0.00	61.66 -2.37 0.00	67.45 -2.06 -3.19	61.56 -1.75 -3.02	48.91 -1.65 -2.05	39.33 -1.31 -1.04	34.41 -1.23 -0.65	31.47 -0.82 -0.60
BARON_WINDS___WT_PWR 323822	34.55 0.92 -0.75	32.16 0.83 -0.58	29.40 0.57 -0.36	28.23 0.36 -0.28	29.21 0.51 -0.35	31.50 0.52 -0.54	41.90 -0.71 -0.90	45.39 -0.31 -1.70	39.28 -0.71 -0.47	31.44 -0.54 -0.03	32.23 -0.42 -0.21	33.58 -0.44 -0.41	37.21 -0.55 -0.74	39.40 -0.31 -1.27	39.01 -0.64 0.00	41.43 -0.66 -0.93	46.64 -1.15 0.00	62.37 -1.67 0.00	68.86 -0.99 -3.54	62.80 -0.84 -3.35	49.91 -0.87 -2.27	39.84 -0.91 -1.16	34.80 -0.91 -0.73	31.70 -0.67 -0.66
BARRETT_IC_1 23704	34.43 1.35 -0.20	31.53 0.74 -0.03	29.07 0.60 0.00	28.20 0.61 0.00	28.83 0.48 0.00	31.09 0.64 0.00	42.42 0.71 0.00	44.89 0.79 -0.09	40.86 1.34 0.00	34.58 1.98 -0.65	35.02 2.01 -0.57	36.56 2.08 -0.87	40.44 2.18 -1.24	42.52 2.31 -1.77	43.54 2.50 -1.40	44.85 2.22 -1.47	52.41 2.58 -2.04	68.52 1.86 -2.63	69.68 1.59 -1.78	62.84 1.44 -1.10	50.36 1.16 -0.69	41.84 1.78 -0.46	37.32 1.71 -0.63	33.37 1.58 -0.09
BARRETT_IC_10 23701	34.43 1.35 -0.20	31.53 0.74 -0.03	29.07 0.60 0.00	28.20 0.61 0.00	28.83 0.48 0.00	31.09 0.64 0.00	42.42 0.71 0.00	44.89 0.79 -0.09	40.86 1.34 0.00	34.58 1.98 -0.65	35.02 2.01 -0.57	36.56 2.08 -0.87	40.44 2.18 -1.24	42.52 2.31 -1.77	43.54 2.50 -1.40	44.85 2.22 -1.47	52.41 2.58 -2.04	68.52 1.86 -2.63	69.68 1.59 -1.78	62.84 1.44 -1.10	50.36 1.16 -0.69	41.84 1.78 -0.46	37.32 1.71 -0.63	33.37 1.58 -0.09
BARRETT_IC_11 23702	34.43 1.35 -0.20	31.53 0.74 -0.03	29.07 0.60 0.00	28.20 0.61 0.00	28.83 0.48 0.00	31.09 0.64 0.00	42.42 0.71 0.00	44.89 0.79 -0.09	40.86 1.34 0.00	34.58 1.98 -0.65	35.02 2.01 -0.57	36.56 2.08 -0.87	40.44 2.18 -1.24	42.52 2.31 -1.77	43.54 2.50 -1.40	44.85 2.22 -1.47	52.41 2.58 -2.04	68.52 1.86 -2.63	69.68 1.59 -1.78	62.84 1.44 -1.10	50.36 1.16 -0.69	41.84 1.78 -0.46	37.32 1.71 -0.63	33.37 1.58 -0.09
BARRETT_IC_12 23703	34.43 1.35 -0.20	31.53 0.74 -0.03	29.07 0.60 0.00	28.20 0.61 0.00	28.83 0.48 0.00	31.09 0.64 0.00	42.42 0.71 0.00	44.89 0.79 -0.09	40.86 1.34 0.00	34.58 1.98 -0.65	35.02 2.01 -0.57	36.56 2.08 -0.87	40.44 2.18 -1.24	42.52 2.31 -1.77	43.54 2.50 -1.40	44.85 2.22 -1.47	52.41 2.58 -2.04	68.52 1.86 -2.63	69.68 1.59 -1.78	62.84 1.44 -1.10	50.36 1.16 -0.69	41.84 1.78 -0.46	37.32 1.71 -0.63	33.37 1.58 -0.09
BARRETT_IC_2 23705	34.43 1.35 -0.20	31.53 0.74 -0.03	29.07 0.60 0.00	28.20 0.61 0.00	28.83 0.48 0.00	31.09 0.64 0.00	42.42 0.71 0.00	44.89 0.79 -0.09	40.86 1.34 0.00	34.58 1.98 -0.65	35.02 2.01 -0.57	36.56 2.08 -0.87	40.44 2.18 -1.24	42.52 2.31 -1.77	43.54 2.50 -1.40	44.85 2.22 -1.47	52.41 2.58 -2.04	68.52 1.86 -2.63	69.68 1.59 -1.78	62.84 1.44 -1.10	50.36 1.16 -0.69	41.84 1.78 -0.46	37.32 1.71 -0.63	33.37 1.58 -0.09
BARRETT_IC_3 23706	34.43 1.35 -0.20	31.53 0.74 -0.03	29.07 0.60 0.00	28.20 0.61 0.00	28.83 0.48 0.00	31.09 0.64 0.00	42.42 0.71 0.00	44.89 0.79 -0.09	40.86 1.34 0.00	34.58 1.98 -0.65	35.02 2.01 -0.57	36.56 2.08 -0.87	40.44 2.18 -1.24	42.52 2.31 -1.77	43.54 2.50 -1.40	44.85 2.22 -1.47	52.41 2.58 -2.04	68.52 1.86 -2.63	69.68 1.59 -1.78	62.84 1.44 -1.10	50.36 1.16 -0.69	41.84 1.78 -0.46	37.32 1.71 -0.63	33.37 1.58 -0.09
BARRETT_IC_4 23707	34.43 1.35 -0.20	31.53 0.74 -0.03	29.07 0.60 0.00	28.20 0.61 0.00	28.83 0.48 0.00	31.09 0.64 0.00	42.42 0.71 0.00	44.89 0.79 -0.09	40.86 1.34 0.00	34.58 1.98 -0.65	35.02 2.01 -0.57	36.56 2.08 -0.87	40.44 2.18 -1.24	42.52 2.31 -1.77	43.54 2.50 -1.40	44.85 2.22 -1.47	52.41 2.58 -2.04	68.52 1.86 -2.63	69.68 1.59 -1.78	62.84 1.44 -1.10	50.36 1.16 -0.69	41.84 1.78 -0.46	37.32 1.71 -0.63	33.37 1.58 -0.09
BARRETT_IC_5 23708	34.43 1.35 -0.20	31.53 0.74 -0.03	29.07 0.60 0.00	28.20 0.61 0.00	28.83 0.48 0.00	31.09 0.64 0.00	42.42 0.71 0.00	44.89 0.79 -0.09	40.86 1.34 0.00	34.58 1.98 -0.65	35.02 2.01 -0.57	36.56 2.08 -0.87	40.44 2.18 -1.24	42.52 2.31 -1.77	43.54 2.50 -1.40	44.85 2.22 -1.47	52.41 2.58 -2.04	68.52 1.86 -2.63	69.68 1.59 -1.78	62.84 1.44 -1.10	50.36 1.16 -0.69	41.84 1.78 -0.46	37.32 1.71 -0.63	33.37 1.58 -0.09

BARRETT_IC_6 23709	34.43 1.35 -0.20	31.53 0.74 -0.03	29.07 0.60 0.00	28.20 0.61 0.00	28.83 0.48 0.00	31.09 0.64 0.00	42.42 0.71 0.00	44.89 0.79 -0.09	40.86 1.34 0.00	34.58 1.98 -0.65	35.02 2.01 -0.57	36.56 2.08 -0.87	40.44 2.18 -1.24	42.52 2.31 -1.77	43.54 2.50 -1.40	44.85 2.22 -1.47	52.41 2.58 -2.04	68.52 1.86 -2.63	69.68 1.59 -1.78	62.84 1.44 -1.10	50.36 1.16 -0.69	41.84 1.78 -0.46	37.32 1.71 -0.63	33.37 1.58 -0.09
BARRETT_IC_7 23710	34.43 1.35 -0.20	31.53 0.74 -0.03	29.06 0.60 0.00	28.20 0.61 0.00	28.83 0.48 0.00	31.15 0.70 0.00	42.58 0.88 0.00	44.89 0.79 -0.09	40.94 1.42 0.00	34.58 1.98 -0.65	35.02 2.01 -0.57	36.56 2.08 -0.87	40.41 2.15 -1.24	42.52 2.31 -1.77	43.54 2.50 -1.40	44.93 2.30 -1.47	52.32 2.48 -2.04	68.46 1.79 -2.63	69.69 1.59 -1.78	62.78 1.39 -1.10	50.41 1.21 -0.69	41.87 1.82 -0.46	37.32 1.71 -0.63	33.40 1.62 -0.09
BARRETT_IC_8 23711	34.43 1.35 -0.20	31.53 0.74 -0.03	29.07 0.60 0.00	28.20 0.61 0.00	28.83 0.48 0.00	31.09 0.64 0.00	42.42 0.71 0.00	44.89 0.79 -0.09	40.86 1.34 0.00	34.58 1.98 -0.65	35.02 2.01 -0.57	36.56 2.08 -0.87	40.44 2.18 -1.24	42.52 2.31 -1.77	43.54 2.50 -1.40	44.85 2.22 -1.47	52.41 2.58 -2.04	68.52 1.86 -2.63	69.68 1.59 -1.78	62.84 1.44 -1.10	50.36 1.16 -0.69	41.84 1.78 -0.46	37.32 1.71 -0.63	33.37 1.58 -0.09
BARRETT_IC_9 23700	34.43 1.35 -0.20	31.53 0.74 -0.03	29.07 0.60 0.00	28.20 0.61 0.00	28.83 0.48 0.00	31.09 0.64 0.00	42.42 0.71 0.00	44.89 0.79 -0.09	40.86 1.34 0.00	34.58 1.98 -0.65	35.02 2.01 -0.57	36.56 2.08 -0.87	40.44 2.18 -1.24	42.52 2.31 -1.77	43.54 2.50 -1.40	44.85 2.22 -1.47	52.41 2.58 -2.04	68.52 1.86 -2.63	69.68 1.59 -1.78	62.84 1.44 -1.10	50.36 1.16 -0.69	41.84 1.78 -0.46	37.32 1.71 -0.63	33.37 1.58 -0.09
BARRETT___1 23545	34.43 1.35 -0.20	31.53 0.74 -0.03	29.07 0.60 0.00	28.20 0.61 0.00	28.83 0.48 0.00	31.09 0.64 0.00	42.42 0.71 0.00	44.89 0.79 -0.09	40.86 1.34 0.00	34.58 1.98 -0.65	35.02 2.01 -0.57	36.56 2.08 -0.87	40.44 2.18 -1.24	42.52 2.31 -1.77	43.54 2.50 -1.40	44.85 2.22 -1.47	52.41 2.58 -2.04	68.52 1.86 -2.63	69.68 1.59 -1.78	62.84 1.44 -1.10	50.36 1.16 -0.69	41.84 1.78 -0.46	37.32 1.71 -0.63	33.37 1.58 -0.09
BARRETT___2 23546	34.43 1.35 -0.20	31.53 0.74 -0.03	29.07 0.60 0.00	28.20 0.61 0.00	28.83 0.48 0.00	31.09 0.64 0.00	42.42 0.71 0.00	44.89 0.79 -0.09	40.86 1.34 0.00	34.58 1.98 -0.65	35.02 2.01 -0.57	36.56 2.08 -0.87	40.44 2.18 -1.24	42.52 2.31 -1.77	43.54 2.50 -1.40	44.85 2.22 -1.47	52.41 2.58 -2.04	68.52 1.86 -2.63	69.68 1.59 -1.78	62.84 1.44 -1.10	50.36 1.16 -0.69	41.84 1.78 -0.46	37.32 1.71 -0.63	33.37 1.58 -0.09
BATAVIA___115KV_TB1 55881	34.86 1.32 -0.67	32.56 1.29 -0.51	29.62 0.83 -0.32	28.45 0.61 -0.25	29.45 0.79 -0.31	31.63 0.70 -0.48	41.42 -1.08 -0.80	45.33 -0.18 -1.51	39.47 -0.47 -0.42	31.66 -0.32 -0.03	32.47 -0.16 -0.19	33.74 -0.24 -0.36	37.42 -0.26 -0.66	39.68 0.12 -1.13	39.05 -0.59 0.00	41.69 -0.29 -0.83	46.69 -1.10 0.00	61.98 -2.05 0.00	67.87 -1.59 -3.14	62.49 -0.78 -2.98	49.41 -1.12 -2.02	39.75 -0.87 -1.03	35.03 -0.59 -0.64	32.29 0.00 -0.59
BAYONEEC___CTG1 323682	34.48 1.41 -0.19	31.83 1.05 -0.03	29.43 0.97 0.01	28.52 0.94 0.01	29.19 0.85 0.01	31.32 0.88 0.01	42.43 1.37 0.65	45.12 1.58 0.46	41.12 1.78 0.18	34.62 2.01 -0.65	35.30 2.30 -0.56	36.86 2.39 -0.87	40.79 2.55 -1.22	42.19 2.73 -1.02	43.02 3.01 -0.37	43.51 2.67 0.31	44.48 3.10 6.41	53.90 3.52 13.65	52.86 3.25 16.70	45.35 2.59 17.54	44.12 2.04 6.42	41.80 2.06 -0.15	37.50 1.89 -0.63	33.34 1.55 -0.09
BAYONEEC___CTG10 323750	34.48 1.41 -0.19	31.83 1.05 -0.03	29.43 0.97 0.01	28.52 0.94 0.01	29.19 0.85 0.01	31.32 0.88 0.01	42.43 1.37 0.65	45.12 1.58 0.46	41.12 1.78 0.18	34.62 2.01 -0.65	35.30 2.30 -0.56	36.86 2.39 -0.87	40.79 2.55 -1.22	42.19 2.73 -1.02	43.02 3.01 -0.37	43.51 2.67 0.31	44.48 3.10 6.41	53.90 3.52 13.65	52.86 3.25 16.70	45.35 2.59 17.54	44.12 2.04 6.42	41.80 2.06 -0.15	37.50 1.89 -0.63	33.34 1.55 -0.09
BAYONEEC___CTG2 323683	34.48 1.41 -0.19	31.83 1.05 -0.03	29.43 0.97 0.01	28.52 0.94 0.01	29.19 0.85 0.01	31.32 0.88 0.01	42.43 1.37 0.65	45.12 1.58 0.46	41.12 1.78 0.18	34.62 2.01 -0.65	35.30 2.30 -0.56	36.86 2.39 -0.87	40.79 2.55 -1.22	42.19 2.73 -1.02	43.02 3.01 -0.37	43.51 2.67 0.31	44.48 3.10 6.41	53.90 3.52 13.65	52.86 3.25 16.70	45.35 2.59 17.54	44.12 2.04 6.42	41.80 2.06 -0.15	37.50 1.89 -0.63	33.34 1.55 -0.09
BAYONEEC___CTG3 323684	34.48 1.41 -0.19	31.83 1.05 -0.03	29.43 0.97 0.01	28.52 0.94 0.01	29.19 0.85 0.01	31.32 0.88 0.01	42.43 1.37 0.65	45.12 1.58 0.46	41.12 1.78 0.18	34.62 2.01 -0.65	35.30 2.30 -0.56	36.86 2.39 -0.87	40.79 2.55 -1.22	42.19 2.73 -1.02	43.02 3.01 -0.37	43.51 2.67 0.31	44.48 3.10 6.41	53.90 3.52 13.65	52.86 3.25 16.70	45.35 2.59 17.54	44.12 2.04 6.42	41.80 2.06 -0.15	37.50 1.89 -0.63	33.34 1.55 -0.09
BAYONEEC___CTG4 323685	34.48 1.41 -0.19	31.83 1.05 -0.03	29.43 0.97 0.01	28.52 0.94 0.01	29.19 0.85 0.01	31.32 0.88 0.01	42.43 1.37 0.65	45.12 1.58 0.46	41.12 1.78 0.18	34.62 2.01 -0.65	35.30 2.30 -0.56	36.86 2.39 -0.87	40.79 2.55 -1.22	42.19 2.73 -1.02	43.02 3.01 -0.37	43.51 2.67 0.31	44.48 3.10 6.41	53.90 3.52 13.65	52.86 3.25 16.70	45.35 2.59 17.54	44.12 2.04 6.42	41.80 2.06 -0.15	37.50 1.89 -0.63	33.34 1.55 -0.09
BAYONEEC___CTG5 323686	34.48 1.41 -0.19	31.83 1.05 -0.03	29.43 0.97 0.01	28.52 0.94 0.01	29.19 0.85 0.01	31.32 0.88 0.01	42.43 1.37 0.65	45.12 1.58 0.46	41.12 1.78 0.18	34.62 2.01 -0.65	35.30 2.30 -0.56	36.86 2.39 -0.87	40.79 2.55 -1.22	42.19 2.73 -1.02	43.02 3.01 -0.37	43.51 2.67 0.31	44.48 3.10 6.41	53.90 3.52 13.65	52.86 3.25 16.70	45.35 2.59 17.54	44.12 2.04 6.42	41.80 2.06 -0.15	37.50 1.89 -0.63	33.34 1.55 -0.09
BAYONEEC___CTG6 323687	34.48 1.41 -0.19	31.83 1.05 -0.03	29.43 0.97 0.01	28.52 0.94 0.01	29.19 0.85 0.01	31.32 0.88 0.01	42.43 1.37 0.65	45.12 1.58 0.46	41.12 1.78 0.18	34.62 2.01 -0.65	35.30 2.30 -0.56	36.86 2.39 -0.87	40.79 2.55 -1.22	42.19 2.73 -1.02	43.02 3.01 -0.37	43.51 2.67 0.31	44.48 3.10 6.41	53.90 3.52 13.65	52.86 3.25 16.70	45.35 2.59 17.54	44.12 2.04 6.42	41.80 2.06 -0.15	37.50 1.89 -0.63	33.34 1.55 -0.09
BAYONEEC___CTG7 323688	34.48 1.41 -0.19	31.83 1.05 -0.03	29.43 0.97 0.01	28.52 0.94 0.01	29.19 0.85 0.01	31.32 0.88 0.01	42.43 1.37 0.65	45.12 1.58 0.46	41.12 1.78 0.18	34.62 2.01 -0.65	35.30 2.30 -0.56	36.86 2.39 -0.87	40.79 2.55 -1.22	42.19 2.73 -1.02	43.02 3.01 -0.37	43.51 2.67 0.31	44.48 3.10 6.41	53.90 3.52 13.65	52.86 3.25 16.70	45.35 2.59 17.54	44.12 2.04 6.42	41.80 2.06 -0.15	37.50 1.89 -0.63	33.34 1.55 -0.09

BAYONEEC___CTG8 323689	34.48 1.41 -0.19	31.83 1.05 -0.03	29.43 0.97 0.01	28.52 0.94 0.01	29.19 0.85 0.01	31.32 0.88 0.01	42.43 1.37 0.65	45.12 1.58 0.46	41.12 1.78 0.18	34.62 2.01 -0.65	35.30 2.30 -0.56	36.86 2.39 -0.87	40.79 2.55 -1.22	42.19 2.73 -1.02	43.02 3.01 -0.37	43.51 2.67 0.31	44.48 3.10 0.64	53.90 3.52 13.65	52.86 3.25 16.70	45.35 2.59 17.54	44.12 2.04 6.42	41.80 2.06 -0.15	37.50 1.89 -0.63	33.34 1.55 -0.09
BAYONEEC___CTG9 323749	34.48 1.41 -0.19	31.83 1.05 -0.03	29.43 0.97 0.01	28.52 0.94 0.01	29.19 0.85 0.01	31.32 0.88 0.01	42.43 1.37 0.65	45.12 1.58 0.46	41.12 1.78 0.18	34.62 2.01 -0.65	35.30 2.30 -0.56	36.86 2.39 -0.87	40.79 2.55 -1.22	42.19 2.73 -1.02	43.02 3.01 -0.37	43.51 2.67 0.31	44.48 3.10 0.64	53.90 3.52 13.65	52.86 3.25 16.70	45.35 2.59 17.54	44.12 2.04 6.42	41.80 2.06 -0.15	37.50 1.89 -0.63	33.34 1.55 -0.09
BEACON___LESR 323632	32.80 0.03 0.12	30.67 -0.06 0.02	28.47 0.00 0.00	27.70 0.11 0.00	28.35 0.00 0.00	30.45 0.00 0.00	33.99 0.29 8.02	44.03 0.09 0.06	39.64 0.12 0.00	31.62 0.06 0.39	32.07 -0.03 0.34	33.02 -0.07 0.52	36.20 -0.07 0.75	37.37 0.00 1.07	38.89 0.08 0.83	40.36 0.08 0.88	46.90 0.34 1.22	62.96 0.51 1.58	65.72 0.47 1.07	59.94 0.30 0.66	48.39 0.29 0.41	39.56 0.24 0.27	34.95 0.35 0.38	31.93 0.28 0.05
BEAVER RIVER___HYD 24048	34.48 0.95 -0.65	32.24 0.98 -0.50	29.52 0.74 -0.32	28.30 0.47 -0.24	29.22 0.57 -0.30	31.74 0.82 -0.47	43.74 1.25 -0.78	47.01 1.54 -1.47	40.84 0.91 -0.41	32.40 0.41 -0.03	32.79 0.16 -0.18	34.23 0.27 -0.35	37.96 0.29 -0.64	39.66 0.12 -1.10	39.41 -0.24 0.00	41.84 -0.12 -0.81	47.69 -0.10 0.00	64.42 0.39 0.00	70.24 0.86 -3.06	64.34 1.14 -2.90	51.50 1.02 -1.97	41.51 0.91 -1.00	36.34 0.74 -0.63	32.81 0.54 -0.58
BEEBEE_GT_13 23619	34.32 0.79 -0.65	32.06 0.80 -0.50	29.24 0.46 -0.32	28.14 0.30 -0.24	29.05 0.40 -0.31	31.25 0.33 -0.47	41.66 -0.83 -0.78	45.04 -0.44 -1.48	39.34 -0.59 -0.41	31.60 -0.38 -0.03	32.37 -0.26 -0.19	33.70 -0.27 -0.36	37.41 -0.26 -0.64	39.51 -0.04 -1.10	39.25 -0.40 0.00	41.80 -0.16 -0.81	47.02 -0.76 0.00	62.62 -1.41 0.00	68.34 -1.06 -3.08	62.79 -0.42 -2.92	49.76 -0.73 -1.98	39.93 -0.67 -1.01	35.12 -0.49 -0.63	32.15 -0.13 -0.58
BENSHRST_27_KV_BENSHRST_1 355998	35.02 1.94 -0.20	32.27 1.48 -0.03	29.78 1.31 0.00	28.83 1.24 0.00	29.54 1.19 0.00	31.69 1.25 0.00	45.27 1.50 -2.06	47.62 1.76 -1.86	42.56 2.45 -0.59	34.84 2.24 -0.65	35.59 2.60 -0.56	37.20 2.72 -0.87	41.30 3.00 -1.28	46.63 3.19 -5.00	49.11 3.53 -5.94	51.37 3.17 -7.05	70.82 3.30 -19.74	81.98 3.33 -14.62	88.87 3.12 -19.44	80.38 2.41 -17.67	66.14 2.09 -15.55	43.61 2.57 -1.44	37.81 2.20 -0.63	33.65 1.87 -0.09
BETHLEHEM___GRP 23843	32.34 -0.43 0.11	30.27 -0.46 0.02	28.13 -0.34 0.00	27.37 -0.22 0.00	27.98 -0.37 0.00	30.05 -0.40 0.00	34.01 -0.29 7.41	43.38 -0.57 0.05	39.08 -0.43 0.00	31.30 -0.29 0.37	31.79 -0.32 0.32	32.75 -0.37 0.49	35.91 -0.41 0.70	37.09 -0.35 1.00	38.58 -0.28 0.79	39.95 -0.37 0.83	46.30 -0.33 1.15	62.03 -0.51 1.49	64.65 -0.66 1.01	58.89 -0.78 0.62	47.63 -0.49 0.39	38.98 -0.36 0.26	34.41 -0.21 0.36	31.46 -0.19 0.05
BETHLEHEM___GS1 323560	32.34 -0.43 0.11	30.28 -0.46 0.02	28.10 -0.37 0.00	27.37 -0.22 0.00	27.98 -0.37 0.00	30.02 -0.43 0.00	34.01 -0.29 7.41	43.37 -0.57 0.05	39.12 -0.40 0.00	31.30 -0.29 0.37	31.79 -0.32 0.32	32.75 -0.37 0.49	35.91 -0.41 0.70	37.09 -0.35 1.00	38.58 -0.28 0.79	39.95 -0.37 0.83	46.30 -0.33 1.15	62.03 -0.51 1.49	64.65 -0.66 1.01	58.95 -0.72 0.62	47.63 -0.49 0.39	38.98 -0.36 0.26	34.49 -0.14 0.36	31.52 -0.13 0.05
BETHLEHEM___GS2 323561	32.34 -0.43 0.11	30.28 -0.46 0.02	28.10 -0.37 0.00	27.37 -0.22 0.00	27.98 -0.37 0.00	30.02 -0.43 0.00	34.01 -0.29 7.41	43.37 -0.57 0.05	39.12 -0.40 0.00	31.30 -0.29 0.37	31.79 -0.32 0.32	32.75 -0.37 0.49	35.91 -0.41 0.70	37.09 -0.35 1.00	38.58 -0.28 0.79	39.95 -0.37 0.83	46.30 -0.33 1.15	62.03 -0.51 1.49	64.65 -0.66 1.01	58.95 -0.72 0.62	47.63 -0.49 0.39	38.98 -0.36 0.26	34.49 -0.14 0.36	31.52 -0.13 0.05
BETHLEHEM___GS3 323562	32.34 -0.43 0.11	30.28 -0.46 0.02	28.10 -0.37 0.00	27.37 -0.22 0.00	27.98 -0.37 0.00	30.02 -0.43 0.00	34.01 -0.29 7.41	43.37 -0.57 0.05	39.12 -0.40 0.00	31.30 -0.29 0.37	31.79 -0.32 0.32	32.75 -0.37 0.49	35.91 -0.41 0.70	37.09 -0.35 1.00	38.58 -0.28 0.79	39.95 -0.37 0.83	46.30 -0.33 1.15	62.03 -0.51 1.49	64.65 -0.66 1.01	58.95 -0.72 0.62	47.63 -0.49 0.39	38.98 -0.36 0.26	34.49 -0.14 0.36	31.52 -0.13 0.05
BETHLEHEM___STEEL 23779	34.64 1.09 -0.68	32.29 1.01 -0.52	29.39 0.60 -0.33	28.17 0.33 -0.25	29.20 0.54 -0.32	31.42 0.49 -0.49	40.89 -1.63 -0.81	44.43 -1.10 -1.53	38.80 -1.15 -0.43	31.28 -0.70 -0.03	32.11 -0.52 -0.19	33.44 -0.54 -0.37	37.02 -0.67 -0.67	39.28 -0.31 -1.14	38.93 -0.71 0.00	41.46 -0.53 -0.84	46.40 -1.39 0.00	61.34 -2.69 0.00	67.18 -2.32 -3.19	61.57 -2.32 -3.02	48.81 -1.75 -2.05	39.29 -1.35 -1.04	34.58 -1.05 -0.65	31.98 -0.32 -0.60
BETHLHEM_115KV_TB1 79974	32.45 -0.33 0.10	30.40 -0.34 0.02	28.21 -0.26 0.00	27.43 -0.17 0.00	28.07 -0.28 0.00	30.14 -0.30 0.00	34.69 -0.17 6.85	43.51 -0.44 0.05	39.20 -0.32 0.00	31.42 -0.19 0.35	31.91 -0.23 0.30	32.91 -0.24 0.46	36.07 -0.30 0.66	37.31 -0.19 0.94	38.74 -0.16 0.74	40.17 -0.21 0.78	46.56 -0.14 1.08	62.31 -0.32 1.40	64.91 -0.46 0.95	59.11 -0.60 0.59	47.80 -0.34 0.37	39.11 -0.24 0.24	34.54 -0.10 0.33	31.56 -0.10 0.05
BETHPAGE_CC_5 323564	34.49 1.41 -0.20	31.53 0.74 -0.03	29.09 0.63 0.00	28.20 0.61 0.00	28.83 0.48 0.00	31.11 0.67 0.00	42.46 0.75 0.00	44.89 0.79 -0.09	40.94 1.42 0.00	34.58 1.98 -0.65	35.15 2.14 -0.57	36.60 2.12 -0.87	40.56 2.30 -1.24	42.60 2.38 -1.77	43.62 2.58 -1.40	44.89 2.26 -1.48	52.46 2.63 -2.04	68.78 2.11 -2.63	69.95 1.85 -1.78	62.72 1.32 -1.10	50.31 1.12 -0.69	41.92 1.86 -0.47	37.32 1.71 -0.63	33.30 1.52 -0.09
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	34.64 1.09 -0.68	32.29 1.01 -0.52	29.39 0.60 -0.33	28.17 0.33 -0.25	29.20 0.54 -0.32	31.45 0.52 -0.49	40.98 -1.54 -0.81	44.61 -0.92 -1.53	38.96 -0.99 -0.43	31.38 -0.61 -0.03	32.24 -0.39 -0.19	33.57 -0.40 -0.37	37.13 -0.56 -0.67	39.43 -0.15 -1.14	39.05 -0.59 0.00	41.58 -0.41 -0.84	46.54 -1.24 0.00	61.47 -2.56 0.00	67.38 -2.12 -3.19	61.69 -1.63 -3.02	48.91 -1.65 -2.05	39.33 -1.31 -1.05	34.62 -1.01 -0.65	31.98 -0.32 -0.60
BINGHAMTON___COGEN 23790	34.20 0.53 -0.79	31.80 0.46 -0.59	29.18 0.34 -0.37	28.09 0.22 -0.28	28.99 0.28 -0.35	31.27 0.27 -0.55	42.53 -0.08 -0.91	45.86 0.13 -1.73	40.04 0.04 -0.48	32.22 0.13 -0.14	32.94 0.19 -0.31	34.36 0.20 -0.55	38.19 0.22 -0.95	40.35 0.35 -1.56	40.18 0.32 -0.23	42.74 0.41 -1.18	48.40 0.29 -0.33	64.72 0.26 -0.43	70.64 0.46 -3.86	64.34 0.48 -3.56	51.20 0.29 -2.41	40.96 0.12 -1.24	35.88 0.07 -0.83	32.54 0.16 -0.68

BIXINCNT_115KV_LOAD 355685	34.71 1.15 -0.68	32.32 1.05 -0.52	29.48 0.68 -0.33	28.26 0.41 -0.25	29.29 0.62 -0.32	31.61 0.67 -0.49	41.40 -1.13 -0.82	45.01 -0.53 -1.54	39.32 -0.63 -0.43	31.70 -0.29 -0.03	32.57 -0.06 -0.19	33.85 -0.13 -0.37	37.47 -0.22 -0.67	39.75 0.15 -1.15	39.32 -0.32 0.00	41.75 -0.25 -0.85	46.74 -1.05 0.00	61.73 -2.31 0.00	67.54 -1.99 -3.21	61.71 -1.63 -3.05	48.83 -1.75 -2.07	39.10 -1.54 -1.05	34.28 -1.36 -0.66	31.57 -0.73 -0.60
BLACK RIVER___HYD 24047	35.25 1.32 -1.05	32.88 1.32 -0.81	30.06 1.08 -0.51	28.67 0.69 -0.39	29.69 0.85 -0.49	32.36 1.16 -0.76	44.64 1.67 -1.26	48.49 2.11 -2.37	41.41 1.23 -0.66	32.60 0.61 -0.04	33.03 0.29 -0.30	34.62 0.44 -0.57	38.57 0.52 -1.03	40.60 0.38 -1.77	39.64 0.00 0.00	42.75 0.29 -1.30	48.12 0.34 0.00	65.19 1.15 0.00	73.19 1.92 -4.95	67.22 2.23 -4.69	53.53 1.84 -3.18	42.72 1.50 -1.62	37.11 1.12 -1.01	33.48 0.86 -0.93
BLACKRVR_115KV_TB2 79977	35.25 1.32 -1.05	32.88 1.32 -0.81	30.06 1.08 -0.51	28.67 0.69 -0.39	29.69 0.85 -0.49	32.36 1.16 -0.76	44.59 1.63 -1.26	48.49 2.11 -2.37	41.41 1.23 -0.66	32.61 0.61 -0.04	33.03 0.29 -0.30	34.62 0.44 -0.57	38.57 0.52 -1.03	40.60 0.38 -1.77	39.64 0.00 0.00	42.74 0.29 -1.30	48.12 0.33 0.00	65.18 1.15 0.00	73.19 1.92 -4.95	67.21 2.23 -4.69	53.53 1.84 -3.18	42.72 1.50 -1.62	37.11 1.12 -1.01	33.51 0.89 -0.93
BLDWN_LI_69_KV_BK4 356085	34.62 1.55 -0.20	31.68 0.89 -0.03	29.21 0.74 0.00	28.31 0.72 0.00	28.97 0.62 0.00	31.30 0.85 0.00	42.88 1.17 0.00	45.19 1.10 -0.09	41.26 1.74 0.00	34.74 2.14 -0.65	35.28 2.27 -0.57	36.80 2.32 -0.87	40.74 2.48 -1.24	42.83 2.61 -1.77	43.90 2.85 -1.41	45.30 2.67 -1.48	52.75 2.92 -2.04	69.29 2.63 -2.64	70.55 2.45 -1.78	63.32 1.93 -1.10	50.85 1.65 -0.69	42.27 2.22 -0.46	37.57 1.96 -0.63	33.56 1.78 -0.09
BLISS_WT_PWR 323608	34.74 1.18 -0.68	32.35 1.08 -0.52	29.48 0.68 -0.33	28.26 0.41 -0.25	29.32 0.65 -0.32	31.61 0.67 -0.49	41.40 -1.12 -0.82	45.06 -0.48 -1.54	39.20 -0.75 -0.43	31.66 -0.32 -0.03	32.57 -0.06 -0.19	33.88 -0.10 -0.37	37.51 -0.18 -0.67	39.75 0.15 -1.15	39.28 -0.36 0.00	41.59 -0.41 -0.85	46.64 -1.15 0.00	61.60 -2.43 0.00	67.35 -2.19 -3.22	61.36 -1.99 -3.05	48.68 -1.89 -2.07	38.95 -1.70 -1.06	33.96 -1.68 -0.66	31.00 -1.30 -0.60
BLUESTONE___WT_PWR 323821	35.31 1.74 -0.69	32.92 1.66 -0.51	30.24 1.45 -0.32	28.91 1.07 -0.24	29.90 1.25 -0.31	32.38 1.46 -0.47	44.16 1.67 -0.78	47.69 2.20 -1.49	41.35 1.42 -0.41	33.11 1.02 -0.13	33.56 0.84 -0.28	35.11 1.01 -0.50	39.02 1.15 -0.85	41.07 1.23 -1.39	40.94 1.07 -0.23	43.56 1.36 -1.06	49.70 1.57 -0.34	66.90 2.43 -0.44	72.81 3.12 -3.38	66.35 2.95 -3.10	53.03 2.42 -2.10	42.54 1.86 -1.09	37.08 1.36 -0.74	33.43 1.14 -0.59
BLUE_CIRC_CHEM_DRP 24182	32.32 -0.49 0.07	30.25 -0.49 0.01	28.04 -0.43 0.00	27.23 -0.36 0.00	27.87 -0.48 0.00	29.90 -0.55 0.00	36.43 -0.50 4.78	43.22 -0.75 0.03	38.81 -0.71 0.00	31.16 -0.61 0.19	31.56 -0.71 0.17	32.58 -0.77 0.25	5.01 -0.89 31.13	22.10 -0.85 15.50	38.31 -0.83 0.50	39.80 -0.82 0.52	46.29 -0.76 0.73	62.19 -0.90 0.94	64.75 -0.93 0.64	58.94 -0.96 0.39	47.68 -0.58 0.25	38.96 -0.48 0.16	35.07 0.31 0.22	31.95 0.29 0.03
BOC_GAS_DRP 24189	32.78 -0.03 0.07	30.68 -0.06 0.01	28.47 0.00 0.00	27.62 0.03 0.00	28.29 -0.06 0.00	30.35 -0.09 0.00	37.97 0.04 3.78	43.84 -0.13 0.03	39.52 0.00 0.00	31.80 0.06 0.22	32.35 0.10 0.19	33.38 0.07 0.29	37.97 0.07 -0.88	38.63 0.15 -0.03	39.36 0.20 0.48	40.82 0.16 0.50	47.33 0.24 0.70	63.32 0.19 0.90	65.71 0.00 0.61	59.80 -0.12 0.38	48.32 0.05 0.24	39.52 0.08 0.16	34.94 0.17 0.21	31.83 0.16 0.03
BOONVILLE_115KV_TB1 79983	34.11 0.85 -0.37	31.87 0.83 -0.29	29.33 0.68 -0.18	28.17 0.44 -0.14	29.03 0.51 -0.17	31.38 0.67 -0.27	43.11 0.96 -0.45	46.03 1.19 -0.84	40.50 0.75 -0.24	32.42 0.45 -0.02	32.80 0.26 -0.11	34.15 0.34 -0.20	37.76 0.37 -0.37	39.42 0.35 -0.63	39.72 0.08 0.00	41.86 0.25 -0.46	48.07 0.29 0.00	64.74 0.70 0.00	69.20 1.13 -1.75	63.16 1.21 -1.66	50.65 1.02 -1.13	41.00 0.83 -0.57	36.00 0.66 -0.36	32.57 0.54 -0.33
BORALEX_4TH_BRANCH 23824	33.59 1.05 0.34	31.56 0.86 0.06	29.32 0.85 0.00	28.45 0.86 0.00	29.11 0.77 0.00	31.27 0.82 0.00	51.97 1.54 -8.72	45.11 1.28 0.17	40.62 1.11 0.00	31.93 0.96 0.98	32.43 0.84 0.85	33.18 0.87 1.30	36.08 0.93 1.86	36.98 1.19 2.66	38.88 1.35 2.11	40.30 1.36 2.21	46.56 1.86 3.09	62.47 2.43 3.99	66.01 2.39 2.70	60.56 1.93 1.67	49.07 1.60 1.04	40.33 1.43 0.69	35.22 1.19 0.95	32.65 1.08 0.13
BOWLINE___1 23526	34.15 1.08 -0.19	31.62 0.83 -0.03	29.24 0.77 0.00	28.34 0.75 0.00	29.03 0.68 0.00	31.11 0.67 0.00	42.75 1.04 0.00	45.32 1.23 -0.09	40.86 1.34 0.00	34.08 1.50 -0.62	34.73 1.75 -0.54	36.25 1.81 -0.82	40.16 1.96 -1.18	42.24 2.11 -1.68	43.36 2.38 -1.34	44.69 2.14 -1.40	52.28 2.53 -1.96	69.45 2.88 -2.53	70.75 2.72 -1.71	63.52 2.17 -1.06	50.87 1.70 -0.66	41.65 1.62 -0.44	37.02 1.43 -0.60	32.98 1.20 -0.08
BOWLINE___2 23595	34.15 1.08 -0.19	31.59 0.80 -0.03	29.24 0.77 0.00	28.34 0.75 0.00	29.00 0.65 0.00	31.11 0.67 0.00	42.75 1.04 0.00	45.32 1.23 -0.09	40.86 1.34 0.00	34.08 1.50 -0.62	34.69 1.72 -0.54	36.25 1.81 -0.82	40.16 1.96 -1.18	42.24 2.11 -1.68	43.36 2.38 -1.34	44.69 2.14 -1.40	52.28 2.53 -1.96	69.45 2.88 -2.53	70.75 2.72 -1.71	63.52 2.17 -1.06	50.87 1.70 -0.66	41.62 1.59 -0.44	37.02 1.43 -0.60	32.98 1.20 -0.08
BRADY___115KV_TB2 356060	33.60 0.72 0.00	31.55 0.80 0.00	29.21 0.74 0.00	28.34 0.74 0.00	29.23 0.88 0.00	31.60 1.16 0.00	43.46 1.75 0.00	45.80 1.80 0.00	40.94 1.42 0.00	32.82 0.86 0.00	33.19 0.75 0.00	34.48 0.87 0.00	37.98 0.96 0.00	39.10 0.65 0.00	40.32 0.67 0.00	41.81 0.66 0.00	48.60 0.81 0.00	65.50 1.47 0.00	67.97 1.66 0.00	62.17 1.87 0.00	49.96 1.46 0.00	40.86 1.27 0.00	36.03 1.05 0.00	32.59 0.89 0.00
BRANSCOMB___SOLAR 323811	33.67 0.95 0.16	31.50 0.77 0.03	29.21 0.74 0.00	28.34 0.75 0.00	29.06 0.71 0.00	31.21 0.76 0.00	50.04 1.25 -7.08	45.11 1.19 0.08	40.43 0.91 0.00	31.99 0.51 0.48	32.25 0.23 0.41	33.14 0.17 0.63	36.26 0.15 0.91	37.38 0.23 1.29	38.97 0.36 1.02	40.61 0.53 1.08	47.24 0.96 1.50	63.82 1.73 1.94	67.13 2.12 1.31	61.41 1.93 0.81	49.55 1.55 0.51	40.49 1.23 0.33	35.53 1.02 0.46	32.55 0.92 0.06
BRDGHMPT_69_KV_BK1 55812	34.85 1.78 -0.20	31.65 0.86 -0.03	29.12 0.65 0.00	28.25 0.66 0.00	28.89 0.54 0.00	31.33 0.88 0.00	43.25 1.54 0.00	45.68 1.58 -0.09	41.73 2.21 0.00	35.19 2.59 -0.65	35.96 2.95 -0.57	37.20 2.72 -0.87	41.30 3.04 -1.24	43.32 3.11 -1.77	44.49 3.45 -1.40	45.79 3.17 -1.47	53.03 3.20 -2.04	68.78 2.11 -2.63	69.55 1.46 -1.78	62.12 0.72 -1.10	50.12 0.92 -0.69	42.03 1.98 -0.46	36.90 1.29 -0.63	33.24 1.46 -0.09

BRENTWOD_69_KV_W. BRTWOOD 56703	34.98 1.91 -0.20	31.90 1.11 -0.03	29.38 0.91 0.00	28.50 0.91 0.00	29.17 0.82 0.00	31.57 1.13 0.00	43.46 1.75 0.00	45.85 1.76 -0.09	41.85 2.33 0.00	35.25 2.65 -0.65	35.90 2.89 -0.57	37.33 2.86 -0.87	41.41 3.15 -1.24	43.44 3.23 -1.77	44.53 3.49 -1.40	45.79 3.17 -1.47	53.03 3.20 -2.04	69.42 2.75 -2.63	70.61 2.52 -1.78	63.26 1.87 -1.10	51.14 1.94 -0.69	42.86 2.81 -0.46	37.92 2.31 -0.63	33.94 2.16 -0.09
BRISTLHL_115KV_TB1 79998	33.62 -0.13 -0.88	31.27 -0.15 -0.67	28.69 -0.20 -0.42	27.67 -0.25 -0.33	28.53 -0.23 -0.41	30.80 -0.27 -0.63	42.26 -0.50 -1.05	45.58 -0.40 -1.98	39.60 -0.47 -0.55	31.61 -0.38 -0.04	32.30 -0.39 -0.25	33.65 -0.44 -0.48	37.44 -0.44 -0.86	39.54 -0.38 -1.48	39.21 -0.44 0.00	41.87 -0.37 -1.09	47.31 -0.48 0.00	63.46 -0.58 0.00	70.11 -0.33 -4.12	63.96 -0.24 -3.91	50.92 -0.24 -2.65	40.59 -0.36 -1.35	35.51 -0.31 -0.85	32.19 -0.29 -0.77
BROOKHAVEN___DRP 24191	34.26 1.18 -0.20	31.16 0.37 -0.03	28.69 0.23 0.00	27.84 0.25 0.00	28.46 0.11 0.00	30.84 0.40 0.00	42.58 0.88 0.00	44.93 0.84 -0.09	41.06 1.54 0.00	34.58 1.98 -0.65	35.28 2.27 -0.57	36.49 2.02 -0.87	40.48 2.22 -1.24	42.48 2.27 -1.77	43.62 2.58 -1.40	44.89 2.26 -1.47	52.03 2.20 -2.04	67.82 1.15 -2.63	68.89 0.80 -1.78	61.63 0.24 -1.10	49.83 0.63 -0.69	41.83 1.78 -0.46	36.90 1.29 -0.63	33.15 1.36 -0.09
BROOKLYN_NAVY_YARD 23515	34.52 1.45 -0.20	31.87 1.08 -0.03	29.44 0.97 0.00	28.53 0.94 0.00	29.20 0.85 0.00	31.33 0.88 0.00	43.20 1.42 -0.07	45.78 1.63 -0.16	41.36 1.82 -0.02	34.65 2.05 -0.65	35.34 2.34 -0.56	36.93 2.45 -0.87	40.84 2.59 -1.23	43.07 2.77 -1.86	44.28 3.09 -1.54	45.57 2.76 -1.66	53.64 3.20 -2.65	70.73 3.65 -3.05	72.09 3.38 -2.39	64.68 2.72 -1.67	51.84 2.13 -1.20	42.14 2.06 -0.49	37.53 1.92 -0.63	33.37 1.58 -0.09
BROOKLYN___ARMY_DRP 323595	34.89 1.81 -0.20	32.14 1.35 -0.03	29.66 1.20 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.60 1.16 0.00	42.16 1.33 0.89	44.88 1.54 0.66	41.55 2.29 0.26	34.68 2.08 -0.65	35.46 2.47 -0.56	37.06 2.59 -0.87	41.04 2.81 -1.21	42.13 3.00 -0.69	42.84 3.29 0.09	43.18 2.96 0.94	45.24 3.01 5.56	64.47 2.95 2.51	63.22 2.72 5.82	56.32 2.05 6.03	44.64 1.84 5.71	42.00 2.38 -0.03	37.64 2.03 -0.63	33.49 1.71 -0.09
BROOME_2_LFGE 323671	34.19 0.52 -0.79	31.80 0.46 -0.59	29.18 0.34 -0.37	28.09 0.22 -0.28	28.99 0.28 -0.35	31.30 0.30 -0.55	42.53 0.13 -0.91	45.86 0.13 -1.73	40.00 0.00 -0.48	32.19 0.10 -0.14	32.94 0.20 -0.31	34.36 0.20 -0.55	38.19 0.22 -0.95	40.35 0.35 -1.56	40.18 0.32 -0.23	42.66 0.33 -1.18	48.41 0.29 -0.33	64.72 0.26 -0.43	70.64 0.47 -3.86	64.28 0.43 -3.56	51.21 0.29 -2.41	40.96 0.12 -1.24	35.85 0.04 -0.83	32.45 0.06 -0.68
BROOME___LFGE 323600	34.19 0.52 -0.79	31.80 0.46 -0.59	29.18 0.34 -0.37	28.09 0.22 -0.28	28.99 0.28 -0.35	31.30 0.30 -0.55	42.53 0.13 -0.91	45.86 0.13 -1.73	40.00 0.00 -0.48	32.19 0.10 -0.14	32.94 0.20 -0.31	34.36 0.20 -0.55	38.19 0.22 -0.95	40.35 0.35 -1.56	40.18 0.32 -0.23	42.66 0.33 -1.18	48.41 0.29 -0.33	64.72 0.26 -0.43	70.64 0.47 -3.86	64.28 0.43 -3.56	51.21 0.29 -2.41	40.96 0.12 -1.24	35.85 0.04 -0.83	32.45 0.06 -0.68
BROWNFLS_115KV_TB 3_5 80003	34.12 0.79 -0.45	31.93 0.83 -0.35	29.37 0.68 -0.22	28.31 0.55 -0.17	29.24 0.68 -0.21	31.71 0.94 -0.33	43.71 1.46 -0.54	46.65 1.63 -1.02	40.95 1.15 -0.28	32.58 0.61 -0.02	32.99 0.42 -0.13	34.39 0.54 -0.25	38.06 0.59 -0.44	39.55 0.35 -0.76	39.76 0.12 0.00	41.84 0.12 -0.56	47.93 0.14 0.00	64.61 0.58 0.00	69.24 0.80 -2.12	63.39 1.09 -2.01	50.79 0.92 -1.36	41.24 0.95 -0.70	36.25 0.84 -0.44	32.76 0.67 -0.40
BROWNSV1_27_KV_LOAD 356125	34.82 1.74 -0.20	32.11 1.32 -0.03	29.66 1.20 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.60 1.16 0.00	43.50 1.79 0.00	46.12 2.02 -0.09	41.81 2.29 0.00	34.87 2.27 -0.65	35.59 2.60 -0.56	37.20 2.72 -0.87	41.18 2.92 -1.23	43.31 3.11 -1.76	44.49 3.45 -1.40	45.87 3.25 -1.47	53.46 3.63 -2.04	70.84 4.16 -2.64	72.15 4.05 -1.78	64.66 3.26 -1.10	51.82 2.62 -0.69	42.50 2.45 -0.46	37.81 2.20 -0.63	33.56 1.78 -0.09
BURROWS___LYONSDAL 23803	34.19 0.89 -0.43	31.94 0.86 -0.33	29.36 0.68 -0.21	28.16 0.41 -0.16	29.03 0.48 -0.20	31.42 0.67 -0.31	43.18 0.96 -0.51	46.20 1.23 -0.96	40.54 0.75 -0.27	32.39 0.42 -0.02	32.75 0.19 -0.12	34.14 0.30 -0.23	37.77 0.33 -0.42	39.39 0.23 -0.72	39.56 -0.08 0.00	41.81 0.12 -0.53	47.93 0.14 0.00	64.54 0.51 0.00	69.25 0.93 -2.01	63.29 1.09 -1.90	50.72 0.92 -1.29	41.04 0.79 -0.66	36.02 0.63 -0.41	32.58 0.51 -0.38
CAITHNESS_CC_1 323624	34.26 1.18 -0.20	31.19 0.40 -0.03	28.72 0.26 0.00	27.84 0.25 0.00	28.46 0.11 0.00	30.78 0.34 0.00	42.33 0.63 0.00	44.93 0.83 -0.09	40.98 1.46 0.00	34.58 1.98 -0.65	35.28 2.27 -0.57	36.49 2.02 -0.87	40.48 2.22 -1.24	42.48 2.27 -1.77	43.58 2.54 -1.40	44.81 2.18 -1.47	52.22 2.39 -2.04	67.88 1.21 -2.63	68.95 0.86 -1.78	61.76 0.36 -1.10	49.78 0.58 -0.69	41.76 1.70 -0.46	36.90 1.30 -0.63	33.08 1.30 -0.09
CALPINE BETH_PAGE_GT4 24209	34.56 1.48 -0.20	31.59 0.80 -0.03	29.12 0.65 0.00	28.25 0.66 0.00	28.89 0.54 0.00	31.21 0.76 0.00	42.58 0.88 0.00	44.84 0.75 -0.09	40.94 1.42 0.00	34.49 1.89 -0.65	35.05 2.04 -0.57	36.56 2.08 -0.87	40.52 2.26 -1.24	42.52 2.31 -1.77	43.58 2.54 -1.41	44.93 2.30 -1.48	52.27 2.44 -2.04	68.65 1.98 -2.63	69.89 1.79 -1.78	62.66 1.27 -1.10	50.31 1.12 -0.69	41.87 1.82 -0.46	37.32 1.71 -0.63	33.37 1.58 -0.09
CALPINE_BETH_PAGE_GT_4 323586	34.56 1.48 -0.20	31.59 0.80 -0.03	29.15 0.68 0.00	28.25 0.66 0.00	28.89 0.54 0.00	31.17 0.73 0.00	42.42 0.71 0.00	44.84 0.75 -0.09	40.86 1.34 0.00	34.52 1.92 -0.65	35.06 2.04 -0.57	36.56 2.08 -0.87	40.48 2.22 -1.24	42.52 2.31 -1.77	43.59 2.54 -1.41	44.85 2.22 -1.48	52.41 2.58 -2.04	68.72 2.05 -2.63	69.89 1.79 -1.78	62.72 1.32 -1.10	50.31 1.12 -0.69	41.84 1.78 -0.47	37.36 1.75 -0.63	33.30 1.52 -0.09
CALPINE_BP_GT1 23823	34.56 1.48 -0.20	31.59 0.80 -0.03	29.15 0.68 0.00	28.25 0.66 0.00	28.89 0.54 0.00	31.17 0.73 0.00	42.42 0.71 0.00	44.84 0.75 -0.09	40.86 1.34 0.00	34.52 1.92 -0.65	35.06 2.04 -0.57	36.56 2.08 -0.87	40.48 2.22 -1.24	42.52 2.31 -1.77	43.59 2.54 -1.41	44.85 2.22 -1.48	52.41 2.58 -2.04	68.72 2.05 -2.63	69.89 1.79 -1.78	62.72 1.32 -1.10	50.31 1.12 -0.69	41.84 1.78 -0.47	37.36 1.75 -0.63	33.30 1.52 -0.09
CALSPAN___DRP 24200	34.64 1.09 -0.68	32.29 1.01 -0.52	29.39 0.60 -0.33	28.17 0.33 -0.25	29.20 0.54 -0.32	31.42 0.49 -0.49	40.89 -1.63 -0.81	44.43 -1.10 -1.53	38.80 -1.15 -0.43	31.28 -0.70 -0.03	32.11 -0.52 -0.19	33.44 -0.54 -0.37	37.02 -0.67 -0.67	39.28 -0.31 -1.14	38.93 -0.71 0.00	41.46 -0.53 -0.84	46.40 -1.39 0.00	61.34 -2.69 0.00	67.18 -2.32 -3.19	61.57 -1.75 -3.02	48.81 -1.75 -2.05	39.29 -1.35 -1.04	34.58 -1.05 -0.65	31.98 -0.32 -0.60

CALVERTON___SOLAR 323806	34.29 1.22 -0.20	31.22 0.43 -0.03	28.72 0.26 0.00	27.87 0.28 0.00	28.49 0.14 0.00	30.84 0.39 0.00	42.42 0.71 0.00	44.97 0.88 -0.09	41.06 1.54 0.00	34.65 2.05 -0.65	35.35 2.34 -0.57	36.56 2.08 -0.87	40.56 2.30 -1.24	42.55 2.35 -1.77	43.70 2.66 -1.40	44.89 2.26 -1.47	52.36 2.53 -2.04	68.07 1.41 -2.63	69.09 1.00 -1.78	61.87 0.48 -1.10	49.83 0.63 -0.69	41.80 1.74 -0.46	36.90 1.30 -0.63	33.08 1.30 -0.09
CANDIGU_WT_PWR 323617	34.55 0.92 -0.75	32.16 0.83 -0.58	29.40 0.57 -0.36	28.23 0.36 -0.28	29.21 0.51 -0.35	31.50 0.52 -0.54	41.90 -0.71 -0.90	45.39 -0.31 -1.70	39.28 -0.71 -0.47	31.44 -0.54 -0.03	32.23 -0.42 -0.21	33.58 -0.44 -0.41	37.21 -0.55 -0.74	39.40 -0.31 -1.27	39.01 -0.64 0.00	41.43 -0.66 -0.93	46.64 -1.15 0.00	62.37 -1.67 0.00	68.86 -0.99 -3.54	62.80 -0.84 -3.35	49.91 -0.87 -2.27	39.84 -0.91 -1.16	34.80 -0.91 -0.73	31.70 -0.67 -0.66
CARR STREET_E_SYR 24060	33.83 -0.07 -1.01	31.44 -0.09 -0.78	28.82 -0.14 -0.49	27.78 -0.19 -0.38	28.65 -0.17 -0.47	30.99 -0.18 -0.73	42.42 -0.50 -1.21	45.76 -0.53 -2.29	39.57 -0.59 -0.64	31.55 -0.45 -0.04	32.30 -0.42 -0.29	33.69 -0.47 -0.55	37.54 -0.48 -1.00	39.73 -0.42 -1.71	39.17 -0.47 0.00	41.96 -0.45 -1.26	47.22 -0.57 0.00	63.27 -0.77 0.00	70.49 -0.60 -4.77	64.33 -0.48 -4.52	51.13 -0.44 -3.06	40.68 -0.47 -1.56	35.61 -0.35 -0.98	32.31 -0.29 -0.90
CARTHAGE___PAPER 23857	34.89 1.12 -0.90	32.58 1.14 -0.69	29.81 0.91 -0.43	28.50 0.58 -0.33	29.48 0.71 -0.42	32.09 1.00 -0.65	44.28 1.50 -1.07	47.87 1.85 -2.02	41.19 1.10 -0.57	32.53 0.54 -0.04	32.92 0.23 -0.25	34.43 0.34 -0.49	38.31 0.41 -0.88	40.19 0.23 -1.51	39.52 -0.12 0.00	42.35 0.08 -1.11	47.93 0.14 0.00	64.86 0.83 0.00	71.99 1.46 -4.22	66.04 1.75 -4.00	52.67 1.45 -2.71	42.20 1.23 -1.38	36.79 0.94 -0.87	33.22 0.73 -0.79
CASSADAGA_WT_PWR 323784	35.24 1.68 -0.68	32.81 1.54 -0.52	29.91 1.11 -0.33	28.64 0.80 -0.25	29.77 1.10 -0.32	32.12 1.19 -0.49	42.23 -0.29 -0.81	45.98 0.44 -1.54	39.79 -0.16 -0.43	32.14 0.16 -0.03	33.09 0.45 -0.19	34.48 0.50 -0.37	38.14 0.45 -0.67	40.44 0.84 -1.15	39.96 0.32 0.00	42.29 0.29 -0.85	47.46 -0.33 0.00	62.24 -1.79 0.00	68.00 -1.52 -3.21	61.89 -1.45 -3.04	49.02 -1.55 -2.06	39.30 -1.35 -1.05	34.24 -1.40 -0.66	31.26 -1.05 -0.60
CE_DUNWOOD___DRP 24194	34.33 1.25 -0.20	31.74 0.95 -0.03	29.32 0.85 0.00	28.45 0.86 0.00	29.11 0.77 0.00	31.27 0.82 0.00	43.00 1.29 0.00	45.50 1.41 -0.09	41.18 1.66 0.00	34.29 1.69 -0.65	34.94 1.95 -0.56	36.52 2.05 -0.86	40.47 2.22 -1.23	42.54 2.35 -1.75	43.65 2.62 -1.39	45.04 2.43 -1.46	52.60 2.77 -2.04	69.81 3.14 -2.64	71.02 2.92 -1.78	63.75 2.35 -1.10	51.09 1.89 -0.69	41.87 1.82 -0.45	37.22 1.61 -0.63	33.08 1.30 -0.08
CE_MILLWOOD___DRP 24193	34.26 1.18 -0.20	31.68 0.89 -0.03	29.29 0.83 0.00	28.39 0.80 0.00	29.09 0.74 0.00	31.21 0.76 0.00	42.92 1.21 0.00	45.41 1.32 -0.09	41.10 1.58 0.00	34.19 1.60 -0.64	34.85 1.85 -0.56	36.41 1.95 -0.85	40.35 2.11 -1.22	42.42 2.23 -1.75	43.52 2.50 -1.39	44.95 2.35 -1.46	52.49 2.68 -2.03	69.60 2.95 -2.62	70.94 2.85 -1.77	63.62 2.23 -1.10	51.04 1.84 -0.68	41.79 1.74 -0.45	37.14 1.54 -0.63	33.02 1.24 -0.08
CE_NYC2_DRP 24202	34.69 1.61 -0.20	32.02 1.23 -0.03	29.55 1.08 0.00	28.64 1.05 0.00	29.31 0.96 0.00	31.48 1.04 0.00	43.80 1.38 -0.71	46.29 1.58 -0.71	41.74 2.02 -0.21	34.68 2.08 -0.65	35.43 2.43 -0.56	37.00 2.52 -0.87	41.01 2.74 -1.25	44.10 2.88 -2.77	45.59 3.13 -2.82	47.39 2.84 -3.40	58.96 3.01 -8.16	74.02 3.20 -6.78	77.19 2.92 -7.88	69.41 2.29 -6.83	56.22 1.89 -5.82	42.53 2.14 -0.80	37.60 1.99 -0.63	33.40 1.62 -0.09
CE_NYC_DRP 24195	34.59 1.51 -0.20	31.93 1.14 -0.03	29.49 1.02 0.00	28.58 0.99 0.00	29.28 0.94 0.00	31.42 0.97 0.00	43.21 1.50 0.00	45.77 1.67 -0.09	41.53 2.02 0.00	34.65 2.05 -0.65	35.37 2.37 -0.56	36.93 2.45 -0.87	40.92 2.67 -1.23	43.04 2.84 -1.76	44.17 3.13 -1.40	45.54 2.92 -1.47	53.08 3.25 -2.04	70.32 3.65 -2.64	71.55 3.45 -1.78	64.11 2.71 -1.10	51.43 2.23 -0.69	42.19 2.14 -0.46	37.57 1.96 -0.63	33.37 1.58 -0.09
CHAFFEE___LFGE 323603	34.64 1.08 -0.68	32.29 1.01 -0.52	29.40 0.60 -0.33	28.18 0.33 -0.25	29.23 0.57 -0.32	31.45 0.52 -0.49	41.02 -1.50 -0.81	44.61 -0.93 -1.54	38.88 -1.07 -0.43	31.31 -0.67 -0.03	32.21 -0.42 -0.19	33.54 -0.44 -0.37	37.10 -0.59 -0.67	39.40 -0.19 -1.15	39.01 -0.64 0.00	41.46 -0.54 -0.85	46.59 -1.19 0.00	61.66 -2.37 0.00	67.53 -1.99 -3.21	61.65 -1.69 -3.04	49.01 -1.55 -2.06	39.42 -1.23 -1.05	34.52 -1.12 -0.66	31.54 -0.76 -0.60
CHATEAUG_35_KV_LOAD 355732	32.75 -0.13 0.00	30.94 0.18 0.00	28.89 0.43 0.00	28.34 0.74 0.00	29.40 1.05 0.00	31.91 1.46 0.00	44.09 2.38 0.00	46.38 2.38 0.00	41.61 2.09 0.00	33.33 1.37 0.00	33.67 1.23 0.00	34.95 1.34 0.00	38.50 1.48 0.00	39.48 1.04 0.00	40.75 1.11 0.00	42.18 1.03 0.00	49.27 1.48 0.00	66.53 2.50 0.00	68.70 2.39 0.00	62.65 2.35 0.00	50.11 1.60 0.00	40.82 1.23 0.00	35.99 1.01 0.00	32.59 0.89 0.00
CHATEAUG_WT_PWR 323614	32.68 -0.20 0.00	30.88 0.12 0.00	28.84 0.37 0.00	28.28 0.69 0.00	29.37 1.02 0.00	31.85 1.40 0.00	44.00 2.29 0.00	46.33 2.33 0.00	41.57 2.05 0.00	33.30 1.34 0.00	33.70 1.26 0.00	34.95 1.35 0.00	38.50 1.48 0.00	39.48 1.04 0.00	40.75 1.11 0.00	42.22 1.07 0.00	49.22 1.43 0.00	66.33 2.30 0.00	68.57 2.26 0.00	62.46 2.17 0.00	50.06 1.55 0.00	40.74 1.15 0.00	35.92 0.94 0.00	32.52 0.82 0.00
CHAT_HIGH_FALL_HYD 323578	32.75 -0.13 0.00	30.94 0.18 0.00	28.89 0.43 0.00	28.34 0.74 0.00	29.40 1.05 0.00	31.91 1.46 0.00	44.09 2.38 0.00	46.38 2.38 0.00	41.61 2.09 0.00	33.33 1.37 0.00	33.67 1.23 0.00	34.95 1.34 0.00	38.50 1.48 0.00	39.48 1.04 0.00	40.75 1.11 0.00	42.18 1.03 0.00	49.27 1.48 0.00	66.53 2.50 0.00	68.70 2.39 0.00	62.65 2.35 0.00	50.11 1.60 0.00	40.82 1.23 0.00	35.99 1.01 0.00	32.59 0.89 0.00
CHAUTAUQUA___LFGE 323629	35.04 1.48 -0.68	32.63 1.35 -0.52	29.73 0.94 -0.33	28.48 0.64 -0.25	29.57 0.91 -0.32	31.88 0.94 -0.49	41.52 -1.00 -0.81	45.14 -0.40 -1.53	39.24 -0.71 -0.43	31.66 -0.32 -0.03	32.60 -0.03 -0.19	33.98 0.00 -0.37	37.58 -0.11 -0.67	39.86 0.27 -1.14	39.48 -0.16 0.00	41.91 -0.08 -0.84	47.07 -0.72 0.00	62.24 -1.79 0.00	68.05 -1.46 -3.20	62.00 -1.33 -3.03	49.20 -1.36 -2.05	39.49 -1.15 -1.05	34.48 -1.15 -0.66	31.51 -0.79 -0.60
CHERRYST_13_KV_LD 356241	34.69 1.61 -0.20	32.02 1.23 -0.03	29.58 1.11 0.00	28.67 1.08 0.00	29.37 1.02 0.00	31.51 1.07 0.00	43.38 1.67 0.00	45.94 1.85 -0.09	41.69 2.17 0.00	34.77 2.17 -0.65	35.50 2.50 -0.56	37.10 2.62 -0.87	41.07 2.81 -1.23	43.20 3.00 -1.76	44.37 3.33 -1.40	45.70 3.09 -1.47	53.32 3.49 -2.04	70.58 3.91 -2.64	71.82 3.71 -1.78	64.35 2.95 -1.10	51.57 2.38 -0.69	42.31 2.26 -0.46	37.67 2.06 -0.63	33.43 1.65 -0.09

CHESTROR_138KV_BK263 355645	34.01 0.95 -0.18	31.52 0.74 -0.03	29.15 0.68 0.00	28.25 0.66 0.00	28.94 0.60 0.00	31.05 0.61 0.00	42.67 0.96 0.00	45.14 1.06 -0.09	40.70 1.19 0.00	33.75 1.21 -0.58	34.37 1.43 -0.51	35.86 1.48 -0.77	39.76 1.63 -1.11	41.80 1.77 -1.58	42.88 1.98 -1.26	44.37 1.89 -1.32	51.83 2.20 -1.84	68.85 2.43 -2.38	70.31 2.39 -1.61	63.16 1.87 -0.99	50.63 1.50 -0.62	41.39 1.39 -0.41	36.77 1.22 -0.57	32.76 0.98 -0.08
CH_MIDHUDSON___DRP 24192	34.10 1.02 -0.20	31.59 0.80 -0.04	29.21 0.74 0.00	28.34 0.74 0.00	29.00 0.65 0.00	31.12 0.67 0.00	42.79 1.08 0.00	45.24 1.14 -0.10	40.82 1.30 0.00	33.89 1.28 -0.65	34.50 1.49 -0.57	36.02 1.55 -0.87	39.97 1.70 -1.25	42.07 1.85 -1.78	43.11 2.06 -1.41	44.57 1.93 -1.48	52.15 2.29 -2.07	69.26 2.56 -2.67	70.58 2.45 -1.81	63.34 1.93 -1.12	50.81 1.60 -0.70	41.52 1.46 -0.46	36.95 1.33 -0.64	32.86 1.08 -0.09
CH_MISC_IPPS 23765	34.41 1.35 -0.19	31.86 1.08 -0.03	29.46 1.00 0.00	28.56 0.97 0.00	29.23 0.88 0.00	31.36 0.91 0.00	43.13 1.42 0.00	45.63 1.54 -0.09	41.06 1.54 0.00	34.07 1.50 -0.61	34.65 1.69 -0.53	36.16 1.75 -0.81	38.61 1.89 0.29	41.47 2.07 -0.95	43.25 2.30 -1.31	44.71 2.18 -1.38	52.38 2.67 -1.92	69.72 3.20 -2.48	71.18 3.18 -1.68	63.98 2.65 -1.04	51.29 2.13 -0.65	41.84 1.82 -0.43	37.18 1.61 -0.59	33.14 1.36 -0.08
CH_RES_BVR_FALLS 23983	32.72 -0.16 0.00	30.66 -0.09 0.00	28.41 -0.06 0.00	27.59 0.00 0.00	28.38 0.03 0.00	30.54 0.09 0.00	41.92 0.21 0.00	44.18 0.18 0.00	39.68 0.16 0.00	32.02 0.06 0.00	32.47 0.03 0.00	33.61 0.00 0.00	36.95 -0.07 0.00	38.21 -0.23 0.00	39.37 -0.28 0.00	40.82 -0.33 0.00	47.36 -0.43 0.00	63.52 -0.51 0.00	65.65 -0.66 0.00	59.69 -0.60 0.00	48.02 -0.49 0.00	39.24 -0.36 0.00	34.70 -0.28 0.00	31.44 -0.25 0.00
CH_RES_NIAGARA 23895	34.43 0.89 -0.67	32.10 0.83 -0.51	29.19 0.40 -0.32	27.98 0.14 -0.25	29.00 0.34 -0.31	31.11 0.18 -0.48	39.50 -3.00 -0.80	42.78 -2.73 -1.50	37.45 -2.49 -0.42	30.22 -1.76 -0.03	31.04 -1.59 -0.19	32.36 -1.61 -0.36	35.75 -1.93 -0.66	37.95 -1.61 -1.12	37.54 -2.10 0.00	40.13 -1.85 -0.83	44.73 -3.06 0.00	58.91 -5.12 0.00	64.54 -4.91 -3.13	59.29 -3.98 -2.97	47.13 -3.40 -2.01	38.09 -2.53 -1.03	33.77 -1.85 -0.64	31.84 -0.44 -0.59
CH_RES_SYRACUSE 23985	34.41 0.07 -1.46	31.94 0.06 -1.12	29.18 0.00 -0.71	28.08 -0.06 -0.54	29.00 -0.03 -0.68	31.47 -0.03 -1.05	43.29 -0.17 -1.75	47.21 -0.09 -3.30	40.24 -0.20 -0.92	31.86 -0.16 -0.06	32.72 -0.13 -0.41	34.24 -0.17 -0.79	38.31 -0.15 -1.44	40.83 -0.08 -2.47	39.56 -0.08 0.00	42.88 -0.08 -1.82	47.69 -0.10 0.00	63.90 -0.13 0.00	73.33 0.13 -6.88	67.00 0.18 -6.52	53.03 0.10 -4.42	41.77 -0.08 -2.25	36.29 -0.10 -1.41	32.86 -0.13 -1.29
CLINTON_WT_PWR 323605	32.68 -0.20 0.00	30.88 0.12 0.00	28.84 0.37 0.00	28.28 0.69 0.00	29.37 1.02 0.00	31.85 1.40 0.00	44.00 2.29 0.00	46.33 2.33 0.00	41.57 2.05 0.00	33.30 1.34 0.00	33.70 1.26 0.00	34.95 1.35 0.00	38.50 1.48 0.00	39.48 1.04 0.00	40.75 1.11 0.00	42.22 1.07 0.00	49.22 1.43 0.00	66.33 2.30 0.00	68.57 2.26 0.00	62.46 2.17 0.00	50.06 1.55 0.00	40.74 1.15 0.00	35.92 0.94 0.00	32.52 0.82 0.00
CLINTON___LFGE 323618	33.01 0.13 0.00	31.31 0.55 0.00	29.29 0.83 0.00	28.83 1.24 0.00	29.99 1.64 0.00	32.67 2.22 0.00	45.25 3.54 0.00	47.61 3.61 0.00	42.68 3.16 0.00	34.06 2.11 0.00	34.39 1.95 0.00	35.73 2.12 0.00	39.35 2.33 0.00	40.21 1.77 0.00	41.54 1.90 0.00	43.01 1.85 0.00	50.27 2.48 0.00	68.00 3.97 0.00	70.30 3.98 0.00	64.16 3.86 0.00	51.32 2.81 0.00	41.69 2.10 0.00	36.73 1.75 0.00	33.22 1.52 0.00
COBBLENY_34_KV_TB1 80064	34.64 1.09 -0.68	32.29 1.01 -0.52	29.39 0.60 -0.33	28.17 0.33 -0.25	29.23 0.57 -0.32	31.45 0.52 -0.49	41.02 -1.50 -0.81	44.61 -0.92 -1.54	38.96 -0.99 -0.43	31.38 -0.61 -0.03	32.21 -0.42 -0.19	33.54 -0.44 -0.37	37.10 -0.59 -0.67	39.40 -0.19 -1.15	39.05 -0.59 0.00	41.58 -0.41 -0.84	46.59 -0.19 0.00	61.60 -2.43 0.00	67.53 -1.99 -3.20	61.82 -1.51 -3.03	49.01 -1.55 -2.06	39.42 -1.23 -1.05	34.69 -0.94 -0.66	32.05 -0.25 -0.60
COFFEEN___115KV_TB3 355620	35.44 1.48 -1.08	33.06 1.48 -0.83	30.21 1.22 -0.52	28.76 0.77 -0.40	29.82 0.96 -0.50	32.53 1.31 -0.78	44.83 1.84 -1.29	48.77 2.33 -2.44	41.54 1.34 -0.68	32.70 0.70 -0.05	33.10 0.36 -0.31	34.70 0.50 -0.59	38.67 0.59 -1.06	40.72 0.46 -1.82	39.72 0.08 0.00	42.90 0.41 -1.34	48.31 0.53 0.00	65.44 1.41 0.00	73.71 2.32 -5.08	67.70 2.59 -4.81	53.95 2.18 -3.26	43.00 1.74 -1.66	37.32 1.29 -1.04	33.67 1.01 -0.95
COLDSPRG_115KV_BK1 355956	35.11 1.55 -0.68	32.69 1.41 -0.52	29.82 1.02 -0.33	28.56 0.72 -0.25	29.69 1.02 -0.32	32.06 1.13 -0.49	42.44 -0.08 -0.82	46.29 0.75 -1.54	40.23 0.28 -0.43	32.43 0.45 -0.03	33.31 0.68 -0.19	34.69 0.71 -0.37	38.40 0.70 -0.67	40.79 1.19 -1.15	40.39 0.75 0.00	42.91 0.91 -0.85	48.17 0.38 0.00	63.20 -0.83 0.00	69.21 -0.33 -3.22	63.17 -0.18 -3.05	49.85 -0.73 -2.07	39.94 -0.71 -1.06	34.94 -0.70 -0.66	32.14 -0.16 -0.61
COLONIE_LFGE___ 323577	33.31 0.62 0.19	31.21 0.49 0.03	28.98 0.51 0.00	28.11 0.52 0.00	28.80 0.45 0.00	30.90 0.46 0.00	53.77 0.92 -11.15	44.65 0.75 0.09	40.19 0.67 0.00	31.89 0.51 0.58	32.33 0.39 0.50	33.21 0.37 0.77	36.33 0.41 1.10	37.42 0.54 1.56	39.04 0.63 1.24	40.51 0.66 1.30	47.02 1.05 1.81	63.16 1.47 2.34	66.26 1.53 1.58	60.52 1.21 0.98	48.92 1.02 0.61	40.06 0.87 0.40	35.19 0.77 0.56	32.35 0.73 0.08
COOPERNY_115KV_TB1 80082	33.81 0.79 -0.14	31.40 0.62 -0.02	29.04 0.57 0.00	28.12 0.52 0.00	28.83 0.48 0.00	30.93 0.49 0.00	42.42 0.71 0.00	44.86 0.79 -0.07	40.47 0.95 0.00	33.41 0.99 -0.46	34.01 1.17 -0.40	35.43 1.21 -0.61	39.23 1.33 -0.88	41.16 1.46 -1.25	42.26 1.63 -0.99	43.72 1.52 -1.05	51.01 1.77 -1.46	67.90 1.98 -1.88	69.45 1.86 -1.27	62.53 1.45 -0.79	50.21 1.21 -0.49	41.03 1.11 -0.32	36.41 0.98 -0.45	32.55 0.79 -0.06
COPENHAGEN_WT_PWR 323753	35.16 1.15 -1.13	32.79 1.17 -0.86	29.95 0.94 -0.55	28.59 0.58 -0.42	29.61 0.74 -0.53	32.26 1.00 -0.81	44.48 1.42 -1.35	48.39 1.85 -2.55	41.26 1.03 -0.71	32.48 0.48 -0.05	32.99 0.23 -0.32	34.56 0.34 -0.61	38.54 0.41 -1.11	40.62 0.27 -1.90	39.56 -0.08 0.00	42.72 0.17 -1.40	48.03 0.24 0.00	64.93 0.90 0.00	73.28 1.66 -5.30	67.25 1.93 -5.03	53.52 1.60 -3.41	42.64 1.30 -1.74	37.01 0.94 -1.09	33.39 0.70 -1.00
CORNELL_____ 23752	34.61 0.76 -0.98	32.18 0.68 -0.75	29.51 0.57 -0.47	28.37 0.41 -0.36	29.29 0.48 -0.46	31.70 0.55 -0.70	43.29 0.42 -1.17	46.91 0.70 -2.20	40.53 0.40 -0.62	32.28 0.29 -0.04	32.98 0.26 -0.28	34.37 0.24 -0.53	38.28 0.30 -0.96	40.51 0.42 -1.65	40.04 0.40 0.00	42.90 0.53 -1.21	48.36 0.57 0.00	64.86 0.83 0.00	72.30 1.39 -4.59	65.98 1.33 -4.35	52.48 1.02 -2.95	41.69 0.59 -1.51	36.38 0.45 -0.94	33.00 0.44 -0.86

CORONA__69_KV_TB1 355595	34.62 1.55 -0.20	31.74 0.95 -0.03	29.26 0.80 0.00	28.36 0.77 0.00	29.03 0.68 0.00	31.33 0.88 0.00	42.96 1.25 0.00	45.33 1.23 -0.09	41.34 1.82 0.00	34.77 2.17 -0.65	35.32 2.30 -0.58	36.87 2.39 -0.88	40.82 2.55 -1.25	42.95 2.73 -1.77	43.99 2.93 -1.41	45.43 2.80 -1.48	52.89 3.06 -2.04	69.48 2.82 -2.64	70.75 2.65 -1.78	63.56 2.17 -1.10	50.99 1.79 -0.69	42.31 2.26 -0.46	37.60 1.99 -0.63	33.59 1.81 -0.09
CORTLAND__115KV_TB3 80093	34.60 0.79 -0.93	32.18 0.71 -0.71	29.52 0.60 -0.45	28.41 0.47 -0.35	29.32 0.54 -0.43	31.73 0.61 -0.67	43.66 0.83 -1.11	47.20 1.10 -2.10	40.86 0.75 -0.59	32.47 0.48 -0.04	33.12 0.42 -0.26	34.55 0.44 -0.51	38.46 0.52 -0.92	40.59 0.58 -1.57	40.20 0.55 0.00	43.05 0.74 -1.16	48.60 0.81 0.00	65.25 1.22 0.00	72.42 1.72 -4.38	66.20 1.75 -4.15	52.68 1.36 -2.82	41.90 0.87 -1.44	36.58 0.70 -0.90	33.12 0.60 -0.82
COXSACKIE__GT 23611	33.89 1.05 0.04	31.64 0.89 0.01	29.07 0.60 0.00	28.28 0.69 0.00	28.94 0.60 0.00	31.09 0.64 0.00	38.46 1.58 4.83	45.34 1.37 0.02	40.19 0.67 0.00	32.28 0.41 0.09	32.53 0.16 0.08	33.52 0.03 0.12	-10.01 0.07 47.10	15.54 0.19 23.09	39.48 0.16 0.32	41.27 0.45 0.33	48.42 1.10 0.47	65.42 1.99 0.60	68.43 2.52 0.41	62.33 2.29 0.25	50.29 1.94 0.16	40.76 1.27 0.10	36.09 1.26 0.14	32.72 1.04 0.02
CPV_VALLEY__CC1 323721	33.77 0.72 -0.16	31.34 0.55 -0.03	28.98 0.51 0.00	28.09 0.50 0.00	28.77 0.43 0.00	30.87 0.43 0.00	42.33 0.63 0.00	44.83 0.75 -0.08	40.39 0.87 0.00	33.55 1.05 -0.54	34.14 1.23 -0.47	35.60 1.28 -0.72	39.45 1.41 -1.03	41.45 1.54 -1.47	42.55 1.74 -1.16	43.90 1.52 -1.22	51.36 1.86 -1.71	68.28 2.05 -2.20	69.66 1.85 -1.49	62.66 1.44 -0.92	50.25 1.16 -0.58	41.08 1.11 -0.38	36.52 1.02 -0.53	32.59 0.82 -0.07
CPV_VALLEY__CC2 323722	33.77 0.72 -0.16	31.34 0.55 -0.03	28.98 0.51 0.00	28.09 0.50 0.00	28.77 0.43 0.00	30.87 0.43 0.00	42.33 0.63 0.00	44.83 0.75 -0.08	40.39 0.87 0.00	33.55 1.05 -0.54	34.14 1.23 -0.47	35.60 1.28 -0.72	39.45 1.41 -1.03	41.45 1.54 -1.47	42.55 1.74 -1.16	43.90 1.52 -1.22	51.36 1.86 -1.71	68.28 2.05 -2.20	69.66 1.85 -1.49	62.66 1.44 -0.92	50.25 1.16 -0.58	41.08 1.11 -0.38	36.52 1.02 -0.53	32.59 0.82 -0.07
CRESCENT__HYD 24018	33.31 0.62 0.19	31.21 0.49 0.03	28.98 0.51 0.00	28.11 0.52 0.00	28.80 0.45 0.00	30.90 0.46 0.00	53.77 0.92 -11.15	44.65 0.75 0.09	40.19 0.67 0.00	31.89 0.51 0.58	32.33 0.39 0.50	33.21 0.37 0.77	36.33 0.41 1.10	37.42 0.54 1.56	39.04 0.63 1.24	40.51 0.66 1.30	47.02 1.05 1.81	63.16 1.47 2.34	66.26 1.53 1.58	60.52 1.21 0.98	48.92 1.02 0.61	40.06 0.87 0.40	35.19 0.77 0.56	32.35 0.08 0.08
CRICKET__VALLEY_CC1 323756	30.96 0.52 2.45	30.66 0.34 0.43	28.89 0.43 0.00	28.03 0.44 0.00	28.69 0.34 0.00	30.66 0.21 0.00	42.29 0.58 0.00	43.35 0.53 1.18	40.31 0.79 0.00	26.43 0.89 6.42	27.95 1.07 5.56	26.19 1.11 8.53	25.99 1.18 12.21	22.32 1.31 17.43	27.34 1.54 13.85	27.91 1.32 14.56	29.05 1.57 20.31	39.45 1.66 26.24	50.04 1.46 17.73	50.42 1.09 10.97	42.53 0.87 6.85	36.02 0.95 4.52	29.60 0.87 6.25	31.58 0.73 0.85
CRICKET__VALLEY_CC2 323757	30.96 0.52 2.45	30.66 0.34 0.43	28.89 0.43 0.00	28.03 0.44 0.00	28.69 0.34 0.00	30.66 0.21 0.00	42.29 0.58 0.00	43.35 0.53 1.18	40.31 0.79 0.00	26.43 0.89 6.42	27.95 1.07 5.56	26.19 1.11 8.53	25.99 1.18 12.21	22.32 1.31 17.43	27.34 1.54 13.85	27.91 1.32 14.56	29.05 1.57 20.31	39.45 1.66 26.24	50.04 1.46 17.73	50.42 1.09 10.97	42.53 0.87 6.85	36.02 0.95 4.52	29.60 0.87 6.25	31.58 0.73 0.85
CRICKET__VALLEY_CC3 323758	30.96 0.52 2.45	30.66 0.34 0.43	28.89 0.43 0.00	28.03 0.44 0.00	28.69 0.34 0.00	30.66 0.21 0.00	42.29 0.58 0.00	43.35 0.53 1.18	40.31 0.79 0.00	26.43 0.89 6.42	27.95 1.07 5.56	26.19 1.11 8.53	25.99 1.18 12.21	22.32 1.31 17.43	27.34 1.54 13.85	27.91 1.32 14.56	29.05 1.57 20.31	39.45 1.66 26.24	50.04 1.46 17.73	50.42 1.09 10.97	42.53 0.87 6.85	36.02 0.95 4.52	29.60 0.87 6.25	31.58 0.73 0.85
CRUCIBLE__METL_DRP 24180	34.41 0.07 -1.46	31.94 0.06 -1.12	29.18 0.00 -0.71	28.08 -0.06 -0.54	29.00 -0.03 -0.68	31.44 -0.06 -1.05	43.25 -0.21 -1.75	47.21 -0.09 -3.30	40.24 -0.20 -0.92	31.86 -0.16 -0.06	32.72 -0.13 -0.41	34.24 -0.17 -0.79	38.31 -0.15 -1.44	40.83 -0.08 -2.47	39.56 -0.08 0.00	42.93 -0.04 -1.82	47.69 -0.10 0.00	63.90 -0.13 0.00	73.33 0.13 -6.88	67.00 0.18 -6.52	53.03 0.10 -4.42	41.77 -0.08 -2.26	36.32 -0.07 -1.41	32.93 -0.06 -1.29
DAHOWA__HYDRO 323763	33.77 1.05 0.16	31.56 0.83 0.03	29.29 0.83 0.00	28.39 0.80 0.00	29.11 0.77 0.00	31.27 0.82 0.00	49.52 1.37 -6.44	45.24 1.32 0.08	40.54 1.03 0.00	32.04 0.54 0.45	32.30 0.26 0.39	33.17 0.17 0.60	36.30 0.15 0.87	37.44 0.23 1.23	38.98 0.32 0.98	40.70 0.58 1.03	47.40 1.05 1.43	64.10 1.92 1.85	67.45 2.38 1.25	61.63 2.11 0.77	49.72 1.70 0.48	40.58 1.30 0.32	35.62 1.09 0.44	32.62 0.98 0.06
DANC__LFGE 323619	34.86 0.59 -1.39	32.41 0.58 -1.07	29.60 0.45 -0.68	28.30 0.19 -0.52	29.31 0.31 -0.65	31.91 0.46 -1.00	44.00 0.63 -1.67	48.03 0.88 -3.15	40.79 0.40 -0.88	32.11 0.10 -0.06	32.74 -0.10 -0.39	34.33 -0.03 -0.76	38.39 0.00 -1.37	40.72 -0.08 -2.35	39.32 -0.32 0.00	42.68 -0.20 -1.73	47.55 -0.24 0.00	64.16 0.13 0.00	73.54 0.66 -6.56	67.35 0.84 -6.21	53.45 0.73 -4.22	42.30 0.55 -2.15	36.71 0.39 -1.35	33.18 0.25 -1.23
DANSKAMMER__1 23586	34.41 1.35 -0.19	31.86 1.08 -0.03	29.46 1.00 0.00	28.56 0.97 0.00	29.23 0.88 0.00	31.36 0.91 0.00	43.13 1.42 0.00	45.63 1.54 -0.09	41.06 1.54 0.00	34.07 1.50 -0.61	34.65 1.69 -0.53	36.16 1.75 -0.81	38.61 1.89 0.29	41.47 2.07 -0.95	43.25 2.30 -1.31	44.71 2.18 -1.38	52.38 2.67 -1.92	69.72 3.20 -2.48	71.18 3.18 -1.68	63.98 2.65 -1.04	51.29 2.13 -0.65	41.84 1.82 -0.43	37.18 1.61 -0.59	33.14 1.36 -0.08
DANSKAMMER__2 23589	34.41 1.35 -0.19	31.86 1.08 -0.03	29.46 1.00 0.00	28.56 0.97 0.00	29.23 0.88 0.00	31.36 0.91 0.00	43.13 1.42 0.00	45.63 1.54 -0.09	41.06 1.54 0.00	34.07 1.50 -0.61	34.65 1.69 -0.53	36.16 1.75 -0.81	38.61 1.89 0.29	41.47 2.07 -0.95	43.25 2.30 -1.31	44.71 2.18 -1.38	52.38 2.67 -1.92	69.72 3.20 -2.48	71.18 3.18 -1.68	63.98 2.65 -1.04	51.29 2.13 -0.65	41.84 1.82 -0.43	37.18 1.61 -0.59	33.14 1.36 -0.08
DANSKAMMER__3 23590	34.41 1.35 -0.19	31.86 1.08 -0.03	29.46 1.00 0.00	28.56 0.97 0.00	29.23 0.88 0.00	31.36 0.91 0.00	43.13 1.42 0.00	45.63 1.54 -0.09	41.06 1.54 0.00	34.07 1.50 -0.61	34.65 1.69 -0.53	36.16 1.75 -0.81	38.61 1.89 0.29	41.47 2.07 -0.95	43.25 2.30 -1.31	44.71 2.18 -1.38	52.38 2.67 -1.92	69.72 3.20 -2.48	71.18 3.18 -1.68	63.98 2.65 -1.04	51.29 2.13 -0.65	41.84 1.82 -0.43	37.18 1.61 -0.59	33.14 1.36 -0.08

DANSKAMMER___4 23591	34.41 1.35 -0.19	31.86 1.08 -0.03	29.46 1.00 0.00	28.56 0.97 0.00	29.23 0.88 0.00	31.36 0.91 0.00	43.13 1.42 0.00	45.63 1.54 -0.09	41.06 1.54 0.00	34.07 1.50 -0.61	34.65 1.69 -0.53	36.16 1.75 -0.81	38.61 1.89 0.29	41.47 2.07 -0.95	43.25 2.30 -1.31	44.71 2.18 -1.38	52.38 2.67 -1.92	69.72 3.20 -2.48	71.18 3.18 -1.68	63.98 2.65 -1.04	51.29 2.13 -0.65	41.84 1.82 -0.43	37.18 1.61 -0.59	33.14 1.36 -0.08
DANSKAMMER___DIESEL 23592	34.41 1.35 -0.19	31.86 1.08 -0.03	29.43 0.97 0.00	28.56 0.97 0.00	29.23 0.88 0.00	31.36 0.91 0.00	43.17 1.46 0.00	45.63 1.54 -0.09	41.14 1.62 0.00	34.03 1.47 -0.61	34.65 1.69 -0.53	36.17 1.75 -0.81	38.62 1.89 0.29	41.47 2.08 -0.95	43.25 2.30 -1.31	44.79 2.26 -1.38	52.39 2.68 -1.92	69.65 3.14 -2.48	71.18 3.18 -1.68	63.99 2.65 -1.04	51.29 2.13 -0.65	41.84 1.82 -0.43	37.18 1.61 -0.59	33.08 1.30 -0.08
DARBY___SOLAR 323810	33.67 0.95 0.16	31.46 0.74 0.03	29.21 0.74 0.00	28.34 0.75 0.00	29.06 0.71 0.00	31.17 0.73 0.00	50.00 1.25 -7.05	45.11 1.19 0.08	40.43 0.91 0.00	31.99 0.51 0.48	32.29 0.26 0.41	33.15 0.17 0.63	36.26 0.15 0.90	37.38 0.23 1.29	38.94 0.32 1.02	40.61 0.53 1.07	47.29 1.01 1.50	63.89 1.79 1.94	67.19 2.19 1.31	61.36 1.87 0.81	49.51 1.51 0.51	40.45 1.19 0.33	35.53 1.02 0.46	32.55 0.92 0.06
DASHVILLE___HYD 23610	34.31 1.32 -0.12	31.88 1.11 -0.02	29.26 0.80 0.00	28.36 0.77 0.00	29.06 0.71 0.00	31.15 0.70 0.00	42.02 1.46 1.15	45.64 1.58 -0.06	40.78 1.26 0.00	33.85 1.50 -0.39	34.47 1.69 -0.34	35.88 1.75 -0.52	27.98 1.93 10.97	35.88 2.08 4.64	42.76 2.30 -0.82	44.32 2.30 -0.86	51.71 2.72 -1.20	68.72 3.14 -1.55	70.48 3.12 -1.05	63.60 2.65 -0.65	51.05 2.13 -0.40	41.68 1.82 -0.27	36.92 1.57 -0.37	33.05 1.30 -0.05
DELAWARE___LFGE 323621	34.13 0.82 -0.43	31.80 0.74 -0.31	29.34 0.68 -0.19	28.29 0.55 -0.15	29.10 0.57 -0.18	31.34 0.61 -0.28	42.89 0.71 -0.47	45.79 0.88 -0.91	40.52 0.75 -0.25	32.76 0.67 -0.14	33.34 0.68 -0.22	34.76 0.77 -0.38	38.49 0.85 -0.62	40.36 0.92 -1.00	40.86 0.95 -0.26	42.95 1.03 -0.77	49.32 1.15 -0.39	66.00 1.47 -0.50	69.97 1.46 -2.20	63.53 1.27 -1.97	51.00 1.16 -1.33	41.28 0.99 -0.70	36.28 0.80 -0.50	32.73 0.67 -0.37
DERFIELD_115KV_TB7 355931	32.95 0.07 0.00	30.79 0.03 0.00	28.50 0.03 0.00	27.59 0.00 0.00	28.35 0.00 0.00	30.45 0.00 0.00	41.71 0.00 0.00	44.00 0.00 0.00	39.52 0.00 0.00	31.95 0.00 0.00	32.44 0.00 0.00	33.61 0.00 0.00	37.02 0.00 0.00	38.48 0.04 0.00	39.64 0.00 0.00	41.19 0.04 0.00	47.84 0.05 0.00	64.10 0.06 0.00	66.32 0.00 0.00	60.30 0.00 0.00	48.56 0.05 0.00	39.63 0.04 0.00	35.01 0.03 0.00	31.70 0.00 0.00
DOGLEVILLE___HYD 23807	32.65 -0.23 0.00	30.57 -0.18 0.00	28.27 -0.20 0.00	27.26 -0.33 0.00	28.07 -0.28 0.00	30.23 -0.21 0.00	41.42 -0.29 0.00	43.78 -0.22 0.00	39.16 -0.36 0.00	31.63 -0.32 0.00	32.08 -0.36 0.00	33.34 -0.27 0.00	36.69 -0.33 0.00	38.06 -0.38 0.00	39.09 -0.55 0.00	40.66 -0.49 0.00	46.93 -0.86 0.00	62.75 -1.28 0.00	64.79 -1.53 0.00	58.85 -1.45 0.00	47.44 -1.07 0.00	38.96 -0.63 0.00	34.35 -0.63 0.00	31.10 -0.60 0.00
DUNKIRK___115KV_TB_200 55889	34.97 1.41 -0.68	32.57 1.29 -0.52	29.68 0.88 -0.33	28.45 0.61 -0.25	29.52 0.85 -0.32	31.82 0.88 -0.49	41.44 -1.08 -0.81	45.05 -0.48 -1.53	39.23 -0.71 -0.43	31.66 -0.32 -0.03	32.50 -0.13 -0.19	33.88 -0.10 -0.37	37.50 -0.19 -0.67	39.78 0.19 -1.14	39.40 -0.24 0.00	41.99 0.00 -0.84	46.97 -0.81 0.00	62.18 -1.86 0.00	68.05 -1.46 -3.19	62.17 -1.15 -3.02	49.20 -1.36 -2.05	39.53 -1.11 -1.05	34.72 -0.91 -0.65	32.04 -0.25 -0.60
DUNKIRK___1 23563	34.97 1.41 -0.68	32.57 1.29 -0.52	29.68 0.88 -0.33	28.45 0.61 -0.25	29.52 0.85 -0.32	31.82 0.88 -0.49	41.44 -1.08 -0.81	45.05 -0.48 -1.53	39.23 -0.71 -0.43	31.66 -0.32 -0.03	32.50 -0.13 -0.19	33.88 -0.10 -0.37	37.50 -0.19 -0.67	39.78 0.19 -1.14	39.40 -0.24 0.00	41.99 0.00 -0.84	46.97 -0.81 0.00	62.18 -1.86 0.00	68.05 -1.46 -3.19	62.17 -1.15 -3.02	49.20 -1.36 -2.05	39.53 -1.11 -1.05	34.72 -0.91 -0.65	32.04 -0.25 -0.60
DUNKIRK___2 23564	34.97 1.41 -0.68	32.57 1.29 -0.52	29.68 0.88 -0.33	28.45 0.61 -0.25	29.52 0.85 -0.32	31.82 0.88 -0.49	41.44 -1.08 -0.81	45.05 -0.48 -1.53	39.23 -0.71 -0.43	31.66 -0.32 -0.03	32.50 -0.13 -0.19	33.88 -0.10 -0.37	37.50 -0.19 -0.67	39.78 0.19 -1.14	39.40 -0.24 0.00	41.99 0.00 -0.84	46.97 -0.81 0.00	62.18 -1.86 0.00	68.05 -1.46 -3.19	62.17 -1.15 -3.02	49.20 -1.36 -2.05	39.53 -1.11 -1.05	34.72 -0.91 -0.65	32.04 -0.25 -0.60
DUNKIRK___3 23565	34.77 1.22 -0.68	32.38 1.11 -0.52	29.51 0.71 -0.33	28.28 0.44 -0.25	29.35 0.68 -0.32	31.60 0.67 -0.49	41.18 -1.33 -0.81	44.74 -0.79 -1.53	39.04 -0.91 -0.43	31.47 -0.51 -0.03	32.31 -0.32 -0.19	33.67 -0.30 -0.37	37.28 -0.41 -0.67	39.55 -0.04 -1.14	39.21 -0.44 0.00	41.75 -0.25 -0.84	46.74 -1.05 0.00	61.85 -2.18 0.00	67.71 -1.79 -3.19	61.93 -1.39 -3.02	49.00 -1.55 -2.05	39.41 -1.23 -1.04	34.62 -1.01 -0.65	31.98 -0.32 -0.60
DUNKIRK___4 23566	34.77 1.22 -0.68	32.38 1.11 -0.52	29.51 0.71 -0.33	28.28 0.44 -0.25	29.35 0.68 -0.32	31.60 0.67 -0.49	41.18 -1.33 -0.81	44.74 -0.79 -1.53	39.04 -0.91 -0.43	31.47 -0.51 -0.03	32.31 -0.32 -0.19	33.67 -0.30 -0.37	37.28 -0.41 -0.67	39.55 -0.04 -1.14	39.21 -0.44 0.00	41.75 -0.25 -0.84	46.74 -1.05 0.00	61.85 -2.18 0.00	67.71 -1.79 -3.19	61.93 -1.39 -3.02	49.00 -1.55 -2.05	39.41 -1.23 -1.04	34.62 -1.01 -0.65	31.98 -0.32 -0.60
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.39 1.32 -0.20	31.80 1.01 -0.03	29.38 0.91 0.00	28.50 0.91 0.00	29.17 0.82 0.00	31.33 0.88 0.00	43.18 1.38 -0.10	45.67 1.50 -0.18	41.32 1.78 -0.03	34.39 1.79 -0.65	35.08 2.08 -0.56	36.62 2.15 -0.86	40.59 2.33 -1.23	42.84 2.50 -1.90	44.00 2.77 -1.59	45.47 2.59 -1.73	53.59 2.92 -2.88	70.51 3.27 -3.21	71.99 3.05 -2.62	64.60 2.41 -1.89	51.94 2.04 -1.39	42.00 1.90 -0.50	37.32 1.71 -0.63	33.18 1.39 -0.09
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.21 1.15 -0.18	31.71 0.92 -0.03	29.29 0.83 0.00	28.39 0.80 0.00	29.09 0.74 0.00	31.21 0.76 0.00	42.92 1.21 0.00	45.40 1.32 -0.08	40.94 1.42 0.00	33.91 1.37 -0.58	34.53 1.59 -0.50	36.02 1.65 -0.77	38.28 1.78 0.52	41.19 1.96 -0.78	43.07 2.18 -1.24	44.56 2.10 -1.31	52.10 2.48 -1.82	69.27 2.88 -2.36	70.69 2.79 -1.59	63.57 2.29 -0.98	50.97 1.84 -0.61	41.62 1.62 -0.41	36.98 1.43 -0.56	32.95 1.17 -0.08
E179THST_138_KV_TB4_REV_LBMP_J 345001	34.72 1.64 -0.20	32.02 1.23 -0.03	29.58 1.11 0.00	28.64 1.05 0.00	29.31 0.96 0.00	31.42 0.97 0.00	43.25 1.38 -0.17	45.73 1.50 -0.24	41.46 1.90 -0.05	34.61 2.01 -0.65	35.37 2.37 -0.56	36.93 2.45 -0.87	40.96 2.70 -1.23	43.24 2.81 -1.99	44.47 3.09 -1.73	45.87 2.80 -1.92	54.18 2.92 -3.48	70.72 3.07 -3.61	72.51 2.98 -3.21	65.21 2.47 -2.44	52.19 1.79 -1.88	42.23 2.10 -0.53	37.60 1.99 -0.63	33.40 1.62 -0.09

E179THST_13_KV_LOAD 356214	34.89 1.81 -0.20	32.17 1.38 -0.03	29.69 1.22 0.00	28.78 1.19 0.00	29.45 1.11 0.00	31.57 1.13 0.00	43.42 1.54 -0.17	45.95 1.72 -0.24	41.66 2.09 -0.05	34.77 2.17 -0.65	35.53 2.53 -0.56	37.13 2.66 -0.87	41.14 2.89 -1.23	43.47 3.04 -1.99	44.70 3.33 -1.73	46.11 3.05 -1.92	54.47 3.20 -3.48	71.10 3.46 -3.61	72.97 3.45 -3.21	65.57 2.83 -2.44	52.48 2.09 -1.88	42.46 2.34 -0.53	37.78 2.17 -0.63	33.56 1.78 -0.09
EAST HAMPTON___GT 23717	35.18 2.11 -0.20	31.96 1.17 -0.03	29.40 0.94 0.00	28.53 0.94 0.00	29.14 0.79 0.00	31.57 1.13 0.00	43.38 1.67 0.00	46.16 2.07 -0.09	42.09 2.57 0.00	35.54 2.94 -0.65	36.32 3.31 -0.57	37.57 3.09 -0.87	41.66 3.40 -1.24	43.74 3.53 -1.77	44.93 3.89 -1.40	46.17 3.54 -1.47	53.61 3.77 -2.04	69.10 2.43 -2.63	69.49 1.39 -1.78	62.06 0.66 -1.10	49.88 0.68 -0.69	41.76 1.70 -0.46	36.59 0.98 -0.63	32.96 1.17 -0.09
EAST RIVER___6 23660	34.66 1.58 -0.20	31.96 1.17 -0.03	29.55 1.08 0.00	28.61 1.02 0.00	29.31 0.96 0.00	31.42 0.97 0.00	43.21 1.50 0.00	45.77 1.67 -0.09	41.41 1.90 0.00	34.68 2.08 -0.65	35.40 2.40 -0.56	37.00 2.52 -0.87	40.99 2.74 -1.23	43.12 2.92 -1.76	44.25 3.21 -1.40	45.50 2.88 -1.47	53.13 3.29 -2.04	70.39 3.71 -2.64	71.48 3.38 -1.78	64.12 2.72 -1.10	51.43 2.23 -0.69	42.23 2.18 -0.46	37.67 2.06 -0.63	33.46 1.68 -0.09
EAST RIVER___7 23524	34.66 1.58 -0.20	31.96 1.17 -0.03	29.55 1.08 0.00	28.61 1.02 0.00	29.31 0.96 0.00	31.42 0.97 0.00	43.21 1.50 0.00	45.77 1.67 -0.09	41.41 1.90 0.00	34.68 2.08 -0.65	35.40 2.40 -0.56	37.00 2.52 -0.87	40.99 2.74 -1.23	43.12 2.92 -1.76	44.25 3.21 -1.40	45.50 2.88 -1.47	53.13 3.29 -2.04	70.39 3.71 -2.64	71.48 3.38 -1.78	64.12 2.72 -1.10	51.43 2.23 -0.69	42.23 2.18 -0.46	37.67 2.06 -0.63	33.46 1.68 -0.09
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	34.33 1.25 -0.20	31.74 0.95 -0.03	29.32 0.85 0.00	28.45 0.86 0.00	29.11 0.77 0.00	31.27 0.82 0.00	43.00 1.29 0.00	45.50 1.41 -0.09	41.18 1.66 0.00	34.29 1.69 -0.65	34.94 1.95 -0.56	36.52 2.05 -0.86	40.47 2.22 -1.23	42.54 2.35 -1.75	43.65 2.62 -1.39	45.04 2.43 -1.46	52.60 2.77 -2.04	69.81 3.14 -2.64	71.02 2.92 -1.78	63.75 2.35 -1.10	51.09 1.89 -0.69	41.87 1.82 -0.45	37.22 1.61 -0.63	33.08 1.30 -0.08
EAST_HAMPTON___DIESEL 23722	35.18 2.11 -0.20	31.96 1.17 -0.03	29.40 0.94 0.00	28.53 0.94 0.00	29.14 0.79 0.00	31.57 1.13 0.00	43.38 1.67 0.00	46.16 2.07 -0.09	42.09 2.57 0.00	35.54 2.94 -0.65	36.32 3.31 -0.57	37.57 3.09 -0.87	41.66 3.40 -1.24	43.74 3.53 -1.77	44.93 3.89 -1.40	46.12 3.50 -1.47	53.56 3.73 -2.04	69.04 2.37 -2.63	69.42 1.33 -1.78	61.93 0.54 -1.10	49.78 0.58 -0.69	41.68 1.62 -0.46	36.52 0.91 -0.63	32.89 1.11 -0.09
EAST_POINT___SOLAR 323840	35.00 2.20 0.09	32.68 1.94 0.02	30.26 1.79 0.00	29.27 1.68 0.00	30.14 1.79 0.00	32.45 2.01 0.00	46.29 2.92 -1.67	46.64 2.68 0.04	40.39 0.87 0.00	31.42 -0.29 0.24	31.42 -0.81 0.21	32.38 -0.91 0.32	35.67 -0.89 0.46	36.78 -1.00 0.66	38.09 -1.03 0.52	40.07 -0.54 0.55	47.12 0.10 0.77	65.61 2.56 0.99	70.62 4.98 0.67	64.64 4.76 0.41	52.04 3.79 0.26	42.28 2.85 0.17	37.05 2.31 0.24	33.63 1.97 0.03
EAST_PULASKI___ESR 323781	34.84 0.03 -1.93	32.30 0.06 -1.48	29.38 -0.03 -0.94	28.17 -0.14 -0.72	29.14 -0.11 -0.90	31.78 -0.06 -1.39	43.90 -0.12 -2.31	48.37 0.00 -4.37	40.50 -0.24 -1.22	31.75 -0.29 -0.08	32.66 -0.32 -0.55	34.32 -0.34 -1.05	38.55 -0.37 -1.90	41.36 -0.35 -3.26	39.13 -0.52 0.00	43.06 -0.49 -2.40	47.22 -0.57 0.00	63.45 -0.58 0.00	75.22 -0.20 -9.10	68.86 -0.06 -8.62	54.31 -0.05 -5.85	42.46 -0.12 -2.98	36.71 -0.14 -1.87	33.22 -0.19 -1.71
EAST_RIVER___1 323558	34.59 1.51 -0.20	31.93 1.14 -0.03	29.49 1.02 0.00	28.58 0.99 0.00	29.28 0.93 0.00	31.39 0.94 0.00	43.17 1.46 0.00	45.81 1.71 -0.09	41.41 1.90 0.00	34.68 2.08 -0.65	35.37 2.37 -0.56	36.93 2.45 -0.87	40.92 2.67 -1.23	43.04 2.84 -1.76	44.17 3.13 -1.40	45.45 2.84 -1.47	53.08 3.25 -2.04	70.39 3.71 -2.64	71.55 3.45 -1.78	64.18 2.78 -1.10	51.38 2.18 -0.69	42.19 2.14 -0.46	37.60 1.99 -0.63	33.40 1.62 -0.09
EAST_RIVER___2 323559	34.66 1.58 -0.20	31.96 1.17 -0.03	29.55 1.08 0.00	28.61 1.02 0.00	29.31 0.96 0.00	31.42 0.97 0.00	43.21 1.50 0.00	45.77 1.67 -0.09	41.41 1.90 0.00	34.68 2.08 -0.65	35.40 2.40 -0.56	37.00 2.52 -0.87	40.99 2.74 -1.23	43.12 2.92 -1.76	44.25 3.21 -1.40	45.50 2.88 -1.47	53.13 3.29 -2.04	70.39 3.71 -2.64	71.48 3.38 -1.78	64.12 2.72 -1.10	51.43 2.23 -0.69	42.23 2.18 -0.46	37.67 2.06 -0.63	33.46 1.68 -0.09
EAST___DELAWARE_HYD 23607	34.28 1.25 -0.15	31.83 1.05 -0.03	29.38 0.91 0.00	28.45 0.86 0.00	29.17 0.82 0.00	31.30 0.85 0.00	43.04 1.33 0.00	45.88 1.80 -0.07	41.10 1.58 0.00	33.88 1.44 -0.49	34.42 1.56 -0.42	35.87 1.61 -0.65	35.58 1.81 3.26	39.69 1.96 0.71	42.82 2.14 -1.04	44.43 2.18 -1.09	51.99 2.67 -1.53	69.02 3.01 -1.97	70.70 3.05 -1.33	63.71 2.59 -0.82	51.11 2.08 -0.52	41.67 1.74 -0.34	36.88 1.43 -0.47	32.97 1.20 -0.06
EIGHT_POINT___WT_PWR 323820	35.04 1.38 -0.78	32.61 1.26 -0.60	29.76 0.91 -0.38	28.54 0.66 -0.29	29.54 0.82 -0.36	31.89 0.88 -0.56	42.31 -0.34 -0.93	45.85 0.09 -1.76	39.58 -0.43 -0.49	31.57 -0.42 -0.03	32.37 -0.29 -0.22	33.73 -0.30 -0.42	37.38 -0.41 -0.77	39.53 -0.23 -1.32	39.01 -0.64 0.00	41.38 -0.74 -0.97	46.45 -1.34 0.00	62.17 -1.86 0.00	68.93 -1.06 -3.68	62.94 -0.84 -3.48	49.85 -1.02 -2.36	39.65 -1.15 -1.21	34.61 -1.12 -0.75	31.50 -0.89 -0.69
ELBRIDGE_115KV_TB2 80188	34.32 -0.10 -1.54	31.84 -0.09 -1.18	29.07 -0.14 -0.75	27.97 -0.19 -0.57	28.90 -0.17 -0.72	31.34 -0.21 -1.11	43.05 -0.50 -1.85	47.09 -0.40 -3.48	40.06 -0.43 -0.97	31.67 -0.35 -0.06	32.55 -0.32 -0.44	34.08 -0.37 -0.84	38.17 -0.37 -1.52	40.74 -0.31 -2.60	39.28 -0.36 0.00	42.74 -0.33 -1.92	47.36 -0.43 0.00	63.39 -0.64 0.00	73.18 -0.40 -7.26	66.94 -0.24 -6.88	52.89 -0.29 -4.67	41.62 -0.36 -2.38	36.15 -0.31 -1.49	32.81 -0.25 -1.36
ELEC_TRO_TEK 24086	34.43 1.35 -0.20	31.56 0.77 -0.03	29.09 0.63 0.00	28.23 0.63 0.00	28.86 0.51 0.00	31.15 0.70 0.00	42.75 1.04 0.00	45.11 1.01 -0.09	41.14 1.62 0.00	34.58 1.98 -0.65	35.09 2.08 -0.58	36.64 2.15 -0.88	40.60 2.33 -1.25	42.68 2.46 -1.77	43.71 2.66 -1.41	45.10 2.47 -1.48	52.51 2.68 -2.04	69.10 2.43 -2.64	70.28 2.19 -1.78	63.08 1.69 -1.10	50.65 1.46 -0.69	42.03 1.98 -0.46	37.36 1.75 -0.63	33.34 1.55 -0.09
ELLENBURG_WT_PWR 323604	32.68 -0.20 0.00	30.88 0.12 0.00	28.84 0.37 0.00	28.28 0.69 0.00	29.37 1.02 0.00	31.85 1.40 0.00	44.00 2.29 0.00	46.33 2.33 0.00	41.57 2.05 0.00	33.30 1.34 0.00	33.70 1.26 0.00	34.95 1.35 0.00	38.50 1.48 0.00	39.48 1.04 0.00	40.75 1.11 0.00	42.22 1.07 0.00	49.22 1.43 0.00	66.33 2.30 0.00	68.57 2.26 0.00	62.46 2.17 0.00	50.06 1.55 0.00	40.74 1.15 0.00	35.92 0.94 0.00	32.52 0.82 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	34.57 1.02 -0.67	32.19 0.92 -0.51	29.30 0.51 -0.33	28.09 0.25 -0.25	29.12 0.45 -0.31	31.33 0.40 -0.48	40.63 -1.88 -0.80	44.11 -1.41 -1.52	38.56 -1.38 -0.42	31.09 -0.89 -0.03	31.95 -0.68 -0.19	33.27 -0.71 -0.36	36.79 -0.89 -0.66	39.04 -0.54 -1.13	38.69 -0.95 0.00	41.24 -0.74 -0.83	46.11 -1.67 0.00	60.89 -3.14 0.00	66.69 -2.79 -3.16	61.12 -2.17 -2.99	48.45 -2.09 -2.03	39.08 -1.54 -1.04	34.44 -1.19 -0.65	31.91 -0.38 -0.59
EMPIRE_CC_1 323656	32.74 0.07 0.21	30.69 -0.03 0.04	28.52 0.06 0.00	27.76 0.17 0.00	28.35 0.00 0.00	30.38 -0.06 0.00	31.88 0.21 10.04	43.81 -0.09 0.10	39.56 0.04 0.00	31.28 0.06 0.74	31.83 0.03 0.64	32.63 0.00 0.98	35.62 0.00 1.40	36.56 0.12 2.00	38.26 0.20 1.59	39.57 0.08 1.67	45.80 0.34 2.33	61.28 0.26 3.01	64.35 0.07 2.03	58.98 -0.06 1.26	47.77 0.05 0.78	39.23 0.16 0.52	34.47 0.21 0.72	31.79 0.19 0.10
EMPIRE_CC_2 323658	32.74 0.07 0.21	30.69 -0.03 0.04	28.52 0.06 0.00	27.76 0.17 0.00	28.35 0.00 0.00	30.38 -0.06 0.00	31.88 0.21 10.04	43.81 -0.09 0.10	39.56 0.04 0.00	31.28 0.06 0.74	31.83 0.03 0.64	32.63 0.00 0.98	35.62 0.00 1.40	36.56 0.12 2.00	38.26 0.20 1.59	39.57 0.08 1.67	45.80 0.34 2.33	61.28 0.26 3.01	64.35 0.07 2.03	58.98 -0.06 1.26	47.77 0.05 0.78	39.23 0.16 0.52	34.47 0.21 0.72	31.79 0.19 0.10
ENORWICH_115KV_TB1 80156	35.90 2.24 -0.79	33.49 2.15 -0.59	30.71 1.88 -0.37	29.25 1.38 -0.28	30.32 1.62 -0.35	32.94 1.95 -0.55	44.95 2.34 -0.91	48.72 2.99 -1.73	41.89 1.90 -0.48	33.30 1.21 -0.13	33.61 0.88 -0.30	35.23 1.08 -0.54	39.18 1.22 -0.93	41.30 1.31 -1.54	40.88 1.03 -0.21	43.88 1.56 -1.16	49.86 1.77 -0.31	67.44 3.01 -0.40	74.07 3.91 -3.84	67.71 3.86 -3.55	54.11 3.20 -2.40	43.25 2.42 -1.24	37.63 1.82 -0.83	33.93 1.55 -0.68
ERIE_ST__34_KV_TB1-2 80199	34.51 0.95 -0.68	32.14 0.86 -0.52	29.25 0.46 -0.33	28.04 0.19 -0.25	29.09 0.43 -0.32	31.33 0.40 -0.49	40.89 -1.63 -0.81	44.52 -1.01 -1.53	38.88 -1.07 -0.43	31.34 -0.64 -0.03	32.18 -0.45 -0.19	33.51 -0.47 -0.37	37.10 -0.59 -0.67	39.43 -0.15 -1.14	39.09 -0.55 0.00	41.66 -0.33 -0.84	46.69 -1.10 0.00	61.73 -2.31 0.00	67.65 -1.86 -3.19	61.87 -1.45 -3.02	49.01 -1.55 -2.05	39.37 -1.27 -1.05	34.59 -1.05 -0.65	31.89 -0.41 -0.60
ERIE_WT_PWR 323693	34.68 1.12 -0.68	32.29 1.01 -0.52	29.39 0.60 -0.33	28.17 0.33 -0.25	29.23 0.57 -0.32	31.45 0.52 -0.49	40.89 -1.63 -0.81	44.47 -1.06 -1.53	38.76 -1.18 -0.43	31.25 -0.73 -0.03	32.15 -0.49 -0.19	33.47 -0.50 -0.37	37.02 -0.67 -0.67	39.32 -0.27 -1.14	38.93 -0.71 0.00	41.38 -0.62 -0.84	46.40 -1.39 0.00	61.40 -2.63 0.00	67.19 -2.32 -3.19	61.39 -1.93 -3.02	48.82 -1.74 -2.05	39.29 -1.35 -1.05	34.45 -1.19 -0.65	31.51 -0.79 -0.60
ESPRGFLD_115KV_TB1 80157	34.76 1.74 -0.14	32.45 1.57 -0.13	29.98 1.42 -0.09	28.90 1.24 -0.07	29.79 1.36 -0.08	32.10 1.52 -0.13	45.09 2.00 -1.38	46.59 2.20 -0.39	41.09 1.46 -0.11	32.70 0.86 0.11	33.07 0.68 0.05	34.25 0.71 0.06	37.78 0.81 0.05	39.27 0.85 0.02	40.21 0.83 0.26	42.30 1.19 0.05	48.98 1.58 0.38	66.42 2.88 0.50	70.48 3.65 -0.52	64.27 3.38 -0.60	51.69 2.76 -0.42	41.93 2.14 -0.19	36.75 1.71 -0.06	33.30 1.46 -0.14
ETNA_115_KV_TB1_REV_LBMP_C 345029	34.56 0.69 -0.99	32.16 0.65 -0.76	29.46 0.51 -0.48	28.35 0.39 -0.37	29.26 0.45 -0.46	31.65 0.49 -0.71	43.27 0.38 -1.19	46.85 0.62 -2.24	40.50 0.36 -0.63	32.25 0.26 -0.04	32.95 0.23 -0.28	34.35 0.20 -0.54	38.25 0.26 -0.97	40.46 0.35 -1.67	40.00 0.36 0.00	42.88 0.49 -1.23	48.27 0.48 0.00	64.80 0.77 0.00	72.24 1.26 -4.66	65.92 1.21 -4.42	52.43 0.92 -3.00	41.68 0.55 -1.53	36.36 0.42 -0.96	32.95 0.38 -0.88
ETNA____115KV_TB2 80207	34.56 0.69 -0.99	32.16 0.65 -0.76	29.46 0.51 -0.48	28.35 0.39 -0.37	29.26 0.45 -0.46	31.65 0.49 -0.71	43.27 0.38 -1.19	46.85 0.62 -2.24	40.50 0.36 -0.63	32.25 0.26 -0.04	32.95 0.23 -0.28	34.35 0.20 -0.54	38.25 0.26 -0.97	40.46 0.35 -1.67	40.00 0.36 0.00	42.88 0.49 -1.23	48.27 0.48 0.00	64.80 0.77 0.00	72.24 1.26 -4.66	65.92 1.21 -4.42	52.43 0.92 -3.00	41.68 0.55 -1.53	36.36 0.42 -0.96	32.95 0.38 -0.88
EUCLID____115KV_TB2 356179	33.62 -0.20 -0.94	31.26 -0.22 -0.72	28.69 -0.23 -0.46	27.66 -0.28 -0.35	28.50 -0.28 -0.44	30.79 -0.33 -0.68	42.21 -0.63 -1.13	45.55 -0.57 -2.12	39.52 -0.59 -0.59	31.55 -0.45 -0.04	32.28 -0.42 -0.27	33.65 -0.47 -0.51	37.47 -0.48 -0.93	39.61 -0.42 -1.59	39.17 -0.48 0.00	41.87 -0.45 -1.17	47.21 -0.57 0.00	63.20 -0.83 0.00	70.08 -0.66 -4.43	63.95 -0.54 -4.19	50.87 -0.49 -2.85	40.53 -0.51 -1.45	35.47 -0.42 -0.91	32.18 -0.35 -0.83
E_CANADA_CAP_HY 24051	34.81 2.01 0.08	32.49 1.75 0.01	30.09 1.62 0.00	29.11 1.52 0.00	29.96 1.62 0.00	32.24 1.80 0.00	45.79 2.54 -1.54	46.56 2.60 0.04	40.98 1.46 0.00	32.32 0.58 0.21	32.45 0.20 0.18	33.43 0.10 0.28	36.76 0.15 0.40	38.02 0.15 0.58	39.38 0.20 0.46	41.33 0.66 0.48	48.45 1.34 0.67	66.37 3.20 0.87	70.24 4.51 0.59	64.09 4.16 0.36	51.63 3.34 0.23	41.98 2.54 0.15	36.84 2.06 0.21	33.44 1.77 0.03
E_CANADA_MHWK_HY 24050	32.65 -0.23 0.00	30.57 -0.18 0.00	28.27 -0.20 0.00	27.26 -0.33 0.00	28.07 -0.28 0.00	30.20 -0.24 0.00	41.42 -0.29 0.00	43.78 -0.22 0.00	39.12 -0.40 0.00	31.63 -0.32 0.00	32.08 -0.36 0.00	33.34 -0.27 0.00	36.69 -0.33 0.00	38.06 -0.38 0.00	39.09 -0.56 0.00	40.66 -0.49 0.00	46.93 -0.86 0.00	62.75 -1.28 0.00	64.79 -1.52 0.00	58.85 -1.45 0.00	47.44 -1.07 0.00	38.96 -0.64 0.00	34.35 -0.63 0.00	31.09 -0.60 0.00
E_FISHKILL__LBMP 23776	34.03 0.95 -0.20	31.50 0.71 -0.04	29.15 0.68 0.00	28.25 0.66 0.00	28.94 0.60 0.00	31.02 0.58 0.00	42.67 0.96 0.00	45.11 1.01 -0.10	40.78 1.26 0.00	33.92 1.31 -0.66	34.53 1.52 -0.57	36.06 1.58 -0.87	39.98 1.70 -1.25	42.08 1.85 -1.79	43.16 2.10 -1.42	44.58 1.93 -1.49	52.07 2.20 -2.08	69.15 2.43 -2.69	70.39 2.25 -1.82	63.17 1.75 -1.12	50.66 1.46 -0.70	41.48 1.43 -0.46	36.88 1.26 -0.64	32.83 1.05 -0.09
FALCON__SEABRD_CC1 323796	32.88 0.00 0.00	31.19 0.43 0.00	29.24 0.77 0.00	28.80 1.21 0.00	29.99 1.64 0.00	32.64 2.19 0.00	45.17 3.46 0.00	47.52 3.52 0.00	42.64 3.12 0.00	34.06 2.11 0.00	34.45 2.01 0.00	35.76 2.15 0.00	39.35 2.33 0.00	40.25 1.81 0.00	41.58 1.94 0.00	43.01 1.85 0.00	50.27 2.48 0.00	67.87 3.84 0.00	70.10 3.78 0.00	63.91 3.62 0.00	51.13 2.62 0.00	41.57 1.98 0.00	36.62 1.64 0.00	33.16 1.46 0.00
FALCON__SEABRD_CC2 323797	32.88 0.00 0.00	31.19 0.43 0.00	29.24 0.77 0.00	28.80 1.21 0.00	29.99 1.64 0.00	32.64 2.19 0.00	45.17 3.46 0.00	47.52 3.52 0.00	42.64 3.12 0.00	34.06 2.11 0.00	34.45 2.01 0.00	35.76 2.15 0.00	39.35 2.33 0.00	40.25 1.81 0.00	41.58 1.94 0.00	43.01 1.85 0.00	50.27 2.48 0.00	67.87 3.84 0.00	70.10 3.78 0.00	63.91 3.62 0.00	51.13 2.62 0.00	41.57 1.98 0.00	36.62 1.64 0.00	33.16 1.46 0.00

FAR ROCKAWAY___4 23548	34.89 1.81 -0.20	31.93 1.14 -0.03	29.43 0.97 0.00	28.53 0.94 0.00	29.20 0.85 0.00	31.51 1.07 0.00	43.25 1.54 0.00	45.63 1.54 -0.09	41.61 2.09 0.00	35.03 2.43 -0.65	35.61 2.60 -0.57	37.20 2.72 -0.87	41.15 2.89 -1.24	43.29 3.08 -1.77	44.38 3.33 -1.41	45.84 3.21 -1.48	53.37 3.54 -2.04	70.06 3.39 -2.63	71.34 3.25 -1.78	64.11 2.71 -1.10	51.43 2.23 -0.69	42.66 2.61 -0.46	37.88 2.27 -0.63	33.84 2.06 -0.09
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	34.56 1.48 -0.20	31.90 1.11 -0.03	29.49 1.02 0.00	28.58 0.99 0.00	29.26 0.91 0.00	31.42 0.97 0.00	43.21 1.50 0.00	45.77 1.67 -0.09	41.53 2.02 0.00	34.65 2.05 -0.65	35.37 2.37 -0.56	36.93 2.45 -0.87	40.92 2.67 -1.23	43.01 2.81 -1.76	44.17 3.13 -1.40	45.50 2.88 -1.47	53.08 3.25 -2.04	70.32 3.65 -2.64	71.55 3.45 -1.78	64.11 2.71 -1.10	51.38 2.18 -0.69	42.19 2.14 -0.46	37.57 1.96 -0.63	33.34 1.55 -0.09
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	34.59 1.51 -0.20	31.93 1.14 -0.03	29.49 1.02 0.00	28.58 0.99 0.00	29.26 0.91 0.00	31.42 0.97 0.00	43.21 1.50 0.00	45.81 1.72 -0.09	41.53 2.02 0.00	34.65 2.05 -0.65	35.37 2.37 -0.56	36.93 2.45 -0.87	40.92 2.67 -1.23	43.01 2.81 -1.76	44.17 3.13 -1.40	45.54 2.92 -1.47	53.08 3.25 -2.04	70.32 3.65 -2.64	71.55 3.45 -1.78	64.17 2.77 -1.10	51.43 2.23 -0.69	42.19 2.14 -0.46	37.57 1.96 -0.63	33.34 1.55 -0.09
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	34.56 1.48 -0.20	31.90 1.11 -0.03	29.46 1.00 0.00	28.56 0.97 0.00	29.26 0.91 0.00	31.42 0.97 0.00	43.21 1.50 0.00	45.77 1.67 -0.09	41.49 1.98 0.00	34.65 2.05 -0.65	35.34 2.34 -0.56	36.93 2.45 -0.87	40.88 2.63 -1.23	43.01 2.81 -1.76	44.13 3.09 -1.40	45.50 2.88 -1.47	53.03 3.20 -2.04	70.26 3.59 -2.64	71.48 3.38 -1.78	64.11 2.71 -1.10	51.38 2.18 -0.69	42.15 2.10 -0.46	37.53 1.92 -0.63	33.34 1.55 -0.09
FARRAGUT___LBMP 323566	34.52 1.45 -0.20	31.87 1.08 -0.03	29.46 1.00 0.00	28.56 0.97 0.00	29.23 0.88 0.00	31.39 0.94 0.00	43.17 1.46 0.00	45.72 1.63 -0.09	41.45 1.94 0.00	34.61 2.01 -0.65	35.30 2.30 -0.56	36.89 2.42 -0.87	40.84 2.59 -1.23	42.97 2.77 -1.76	44.09 3.05 -1.40	45.46 2.84 -1.47	52.99 3.15 -2.04	70.19 3.52 -2.64	71.42 3.32 -1.78	64.05 2.65 -1.10	51.33 2.13 -0.69	42.11 2.06 -0.46	37.50 1.89 -0.63	33.30 1.52 -0.09
FENNER___WINDPWR 24204	34.41 0.79 -0.74	32.09 0.77 -0.57	29.48 0.66 -0.36	28.33 0.47 -0.28	29.26 0.57 -0.35	31.68 0.70 -0.53	43.51 0.92 -0.89	46.81 1.14 -1.67	40.73 0.75 -0.47	32.49 0.51 -0.03	33.04 0.39 -0.21	34.45 0.44 -0.40	38.27 0.52 -0.73	40.27 0.58 -1.25	40.12 0.48 0.00	42.69 0.62 -0.92	48.51 0.72 0.00	65.19 1.15 0.00	71.39 1.59 -0.39	65.16 1.57 -0.30	52.01 1.26 -0.24	41.65 0.91 -0.14	36.39 0.70 -0.72	32.92 0.57 -0.65
FIBERTEK___ENERGY 23856	34.41 0.07 -1.46	31.94 0.06 -1.12	29.18 0.00 -0.71	28.08 -0.06 -0.54	29.00 -0.03 -0.68	31.44 -0.06 -1.05	43.25 -0.21 -1.75	47.21 -0.09 -3.30	40.24 -0.20 -0.92	31.86 -0.16 -0.06	32.72 -0.13 -0.41	34.24 -0.17 -0.79	38.31 -0.15 -1.44	40.83 -0.08 -2.47	39.56 -0.08 0.00	42.93 -0.04 -1.82	47.69 -0.10 0.00	63.90 -0.13 0.00	73.33 0.13 -6.88	67.00 0.18 -6.52	53.03 0.10 -4.42	41.77 -0.08 -2.26	36.32 -0.07 -1.41	32.93 -0.06 -1.29
FITZPATRICK___ 23598	24.30 -0.75 7.83	24.05 -0.71 6.00	23.99 -0.68 3.80	23.99 -0.69 2.91	23.98 -0.71 3.66	24.04 -0.76 5.65	31.16 -1.17 9.38	25.12 -1.19 17.69	33.46 -1.11 4.95	30.73 -0.89 0.33	29.31 -0.91 2.22	28.41 -0.94 4.26	28.27 -1.04 7.71	24.23 -1.00 13.21	38.57 -1.07 0.00	30.31 -1.11 9.73	46.50 -1.29 0.00	62.24 -1.79 0.00	27.71 -1.72 36.88	23.85 -1.51 34.94	23.59 -1.21 23.71	26.44 -1.07 12.09	26.47 -0.94 7.57	23.91 -0.85 6.93
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.45 1.38 -0.19	31.90 1.11 -0.03	29.46 1.00 0.00	28.58 0.99 0.00	29.28 0.94 0.00	31.39 0.94 0.00	43.21 1.50 0.00	45.67 1.58 -0.09	41.18 1.66 0.00	34.08 1.50 -0.62	34.66 1.69 -0.54	36.18 1.75 -0.82	38.83 1.93 0.12	41.61 2.11 -1.05	43.31 2.34 -1.33	44.86 2.30 -1.40	52.47 2.72 -1.96	69.76 3.20 -2.53	71.27 3.25 -1.71	64.07 2.71 -1.06	51.35 2.18 -0.66	41.89 1.86 -0.44	37.23 1.64 -0.60	33.11 1.33 -0.08
FORT ORANGE___ 23900	32.67 -0.10 0.11	30.58 -0.15 0.02	28.35 -0.11 0.00	27.56 -0.03 0.00	28.21 -0.14 0.00	30.26 -0.18 0.00	34.17 0.08 7.62	43.77 -0.18 0.05	39.28 -0.24 0.00	31.37 -0.19 0.39	31.87 -0.23 0.34	32.81 -0.27 0.52	35.97 -0.30 0.75	37.18 -0.19 1.07	38.74 -0.12 0.78	40.21 -0.12 0.82	46.69 0.05 1.14	62.62 0.06 1.48	65.32 0.00 1.00	59.56 -0.12 0.62	48.12 0.00 0.39	39.38 0.04 0.25	34.80 0.18 0.35	31.81 0.16 0.05
FORT_DRUM_COGEN 23780	35.18 1.28 -1.02	32.83 1.29 -0.78	30.02 1.05 -0.50	28.63 0.66 -0.38	29.65 0.82 -0.48	32.31 1.13 -0.74	44.52 1.58 -1.22	48.38 2.07 -2.31	41.35 1.19 -0.65	32.60 0.61 -0.04	33.02 0.29 -0.29	34.57 0.40 -0.56	38.51 0.48 -1.01	40.51 0.35 -1.72	39.64 0.00 0.00	42.67 0.25 -1.27	48.07 0.29 0.00	65.12 1.09 0.00	72.98 1.86 -4.81	66.96 2.11 -4.56	53.39 1.79 -3.09	42.64 1.46 -1.58	37.05 1.08 -0.99	33.46 0.86 -0.90
FOX_HILLS___ESR 323835	34.85 1.78 -0.20	32.11 1.32 -0.03	29.66 1.20 0.00	28.69 1.10 0.00	29.40 1.05 0.00	31.57 1.13 0.00	40.41 1.13 2.43	41.79 1.32 3.53	41.31 2.29 0.50	34.55 1.95 -0.65	35.30 2.30 -0.56	36.90 2.42 -0.87	40.87 2.67 -1.19	40.73 2.84 0.56	40.98 3.17 1.83	40.72 2.80 3.23	37.80 2.82 12.81	48.68 2.63 17.98	45.55 2.32 23.08	38.52 1.75 23.53	38.31 1.60 11.80	41.52 2.30 0.37	37.60 1.99 -0.63	33.49 1.71 -0.09
FPL_FAR_ROCK_GT1 24212	34.88 1.81 -0.20	31.93 1.14 -0.03	29.44 0.97 0.00	28.53 0.94 0.00	29.20 0.85 0.00	31.48 1.04 0.00	43.08 1.37 0.00	45.63 1.54 -0.09	41.53 2.01 0.00	35.06 2.46 -0.65	35.61 2.60 -0.57	37.20 2.72 -0.87	41.19 2.92 -1.24	43.29 3.08 -1.77	44.38 3.33 -1.41	45.72 3.09 -1.48	53.46 3.63 -2.04	70.06 3.39 -2.63	71.34 3.25 -1.78	64.11 2.72 -1.10	51.38 2.18 -0.69	42.63 2.57 -0.47	37.88 2.27 -0.63	33.81 2.03 -0.09
FPL_FAR_ROCK_GT2 23815	34.88 1.81 -0.20	31.93 1.14 -0.03	29.44 0.97 0.00	28.53 0.94 0.00	29.20 0.85 0.00	31.48 1.04 0.00	43.08 1.37 0.00	45.63 1.54 -0.09	41.53 2.01 0.00	35.06 2.46 -0.65	35.61 2.60 -0.57	37.20 2.72 -0.87	41.19 2.92 -1.24	43.29 3.08 -1.77	44.38 3.33 -1.41	45.72 3.09 -1.48	53.46 3.63 -2.04	70.06 3.39 -2.63	71.34 3.25 -1.78	64.11 2.72 -1.10	51.38 2.18 -0.69	42.63 2.57 -0.47	37.88 2.27 -0.63	33.81 2.03 -0.09
FRANKLIN_FALL_HYD 24054	33.31 0.43 0.00	31.43 0.68 0.00	29.26 0.80 0.00	28.67 1.08 0.00	29.71 1.36 0.00	32.27 1.83 0.00	44.67 2.96 0.00	46.99 2.99 0.00	42.13 2.61 0.00	33.65 1.69 0.00	34.03 1.59 0.00	35.36 1.75 0.00	38.95 1.93 0.00	39.83 1.38 0.00	41.15 1.51 0.00	42.55 1.40 0.00	49.70 1.91 0.00	67.11 3.07 0.00	69.37 3.05 0.00	63.43 3.14 0.00	50.74 2.23 0.00	41.38 1.78 0.00	36.48 1.50 0.00	32.97 1.27 0.00

FREEPORT_EQUS_GT1 23764	34.62 1.55 -0.20	31.68 0.89 -0.03	29.21 0.74 0.00	28.34 0.75 0.00	28.97 0.62 0.00	31.24 0.79 0.00	42.75 1.04 0.00	45.24 1.14 -0.09	41.18 1.66 0.00	34.74 2.14 -0.65	35.32 2.30 -0.57	36.83 2.35 -0.87	40.78 2.52 -1.24	42.86 2.65 -1.77	43.94 2.89 -1.41	45.27 2.64 -1.48	52.89 3.06 -2.04	69.42 2.75 -2.64	70.61 2.52 -1.78	63.45 2.05 -1.10	50.85 1.65 -0.69	42.24 2.18 -0.47	37.57 1.96 -0.63	33.52 1.74 -0.09
FREEPORT___CT2 23818	34.62 1.55 -0.20	31.68 0.89 -0.03	29.21 0.74 0.00	28.34 0.75 0.00	28.97 0.62 0.00	31.24 0.79 0.00	42.75 1.04 0.00	45.24 1.14 -0.09	41.18 1.66 0.00	34.74 2.14 -0.65	35.32 2.30 -0.57	36.83 2.35 -0.87	40.78 2.52 -1.24	42.86 2.65 -1.77	43.94 2.89 -1.41	45.27 2.64 -1.48	52.89 3.06 -2.04	69.42 2.75 -2.64	70.61 2.52 -1.78	63.45 2.05 -1.10	50.85 1.65 -0.69	42.24 2.18 -0.47	37.57 1.96 -0.63	33.52 1.74 -0.09
FRESHKLS_33_KV_LOAD 356253	34.95 1.87 -0.20	32.20 1.41 -0.03	29.72 1.25 0.00	28.78 1.19 0.00	29.45 1.11 0.00	31.66 1.22 0.00	40.56 1.13 2.28	41.88 1.28 3.40	41.55 2.49 0.46	34.55 1.95 -0.65	35.30 2.30 -0.56	36.90 2.42 -0.87	40.84 2.63 -1.19	40.96 2.88 0.37	41.29 3.21 1.56	41.21 2.88 2.82	39.18 2.92 11.52	49.55 2.63 17.11	46.84 2.32 21.80	39.72 1.75 22.32	39.44 1.65 10.72	41.75 2.45 0.30	37.67 2.06 -0.63	33.59 1.81 -0.09
FULTON COGEN____ 23766	33.62 -0.13 -0.88	31.27 -0.15 -0.67	28.69 -0.20 -0.42	27.67 -0.25 -0.33	28.53 -0.23 -0.41	30.80 -0.27 -0.63	42.26 -0.50 -1.05	45.58 -0.40 -1.98	39.60 -0.47 -0.55	31.61 -0.38 -0.04	32.30 -0.39 -0.25	33.65 -0.44 -0.48	37.44 -0.44 -0.86	39.54 -0.38 -1.48	39.21 -0.44 0.00	41.87 -0.37 -1.09	47.31 -0.48 0.00	63.46 -0.58 0.00	70.11 -0.33 -4.12	63.96 -0.24 -3.91	50.92 -0.24 -2.65	40.59 -0.36 -1.35	35.51 -0.31 -0.85	32.19 -0.29 -0.77
FULTON___LFGE 323630	34.63 1.84 0.09	32.34 1.60 0.02	29.95 1.48 0.00	29.00 1.41 0.00	29.82 1.47 0.00	32.12 1.67 0.00	45.83 2.42 -1.70	46.38 2.42 0.04	40.82 1.30 0.00	32.09 0.38 0.25	32.09 -0.13 0.22	32.97 -0.30 0.33	36.17 -0.37 0.48	37.38 -0.38 0.68	38.83 -0.28 0.54	40.88 0.29 0.57	48.10 1.10 0.79	66.02 3.01 1.02	69.94 4.31 0.69	63.79 3.92 0.43	51.39 3.15 0.27	41.79 2.38 0.18	36.69 1.96 0.24	33.31 1.65 0.03
G.F.CEMENT___DRP 24184	33.82 1.09 0.15	31.59 0.86 0.03	29.29 0.83 0.00	28.39 0.80 0.00	29.14 0.79 0.00	31.33 0.88 0.00	48.53 1.42 -5.40	45.29 1.36 0.07	40.55 1.03 0.00	32.08 0.54 0.42	32.27 0.19 0.36	33.19 0.13 0.56	36.30 0.07 0.80	37.42 0.12 1.14	38.90 0.16 0.90	40.74 0.53 0.95	47.47 1.00 1.32	64.37 2.05 1.71	67.75 2.59 1.15	61.81 2.23 0.71	49.86 1.79 0.45	40.65 1.35 0.29	35.62 1.05 0.41	32.63 0.98 0.05
GARDENVILLE___LBMP 24039	34.59 1.02 -0.69	32.20 0.92 -0.53	29.34 0.54 -0.33	28.12 0.28 -0.26	29.15 0.48 -0.32	31.37 0.43 -0.50	40.78 -1.75 -0.82	44.32 -1.23 -1.55	38.65 -1.30 -0.43	31.12 -0.86 -0.03	31.95 -0.68 -0.19	33.31 -0.67 -0.37	36.85 -0.85 -0.68	39.10 -0.50 -1.16	38.69 -0.95 0.00	41.26 -0.74 -0.85	46.16 -1.62 0.00	61.02 -3.01 0.00	66.97 -2.59 -3.24	61.37 -1.99 -3.07	48.60 -1.99 -2.08	39.11 -1.54 -1.06	34.45 -1.19 -0.66	31.86 -0.44 -0.61
GARDNVLA_35_KV_LD 355827	34.74 1.18 -0.67	32.35 1.08 -0.52	29.48 0.68 -0.33	28.23 0.39 -0.25	29.29 0.62 -0.32	31.51 0.58 -0.49	41.06 -1.46 -0.81	44.60 -0.92 -1.53	39.00 -0.95 -0.43	31.41 -0.58 -0.03	32.24 -0.39 -0.19	33.57 -0.40 -0.37	37.17 -0.52 -0.66	39.47 -0.12 -1.14	39.09 -0.55 0.00	41.62 -0.37 -0.84	46.64 -1.15 0.00	61.60 -2.43 0.00	67.44 -2.06 -3.18	61.80 -1.51 -3.01	49.00 -1.55 -2.04	39.45 -1.19 -1.04	34.72 -0.91 -0.65	32.07 -0.22 -0.60
GELCKHM___115KV_LOAD 80723	33.91 -0.10 -1.13	31.50 -0.12 -0.86	28.87 -0.14 -0.55	27.82 -0.19 -0.42	28.68 -0.20 -0.53	31.02 -0.24 -0.81	42.60 -0.46 -1.35	46.20 -0.35 -2.55	39.80 -0.43 -0.71	31.68 -0.32 -0.05	32.47 -0.29 -0.32	33.89 -0.34 -0.61	37.80 -0.33 -1.11	40.08 -0.27 -1.90	39.32 -0.32 0.00	42.26 -0.29 -1.40	47.41 -0.38 0.00	63.46 -0.58 0.00	71.30 -0.33 -5.31	65.09 -0.24 -5.03	51.68 -0.24 -3.41	41.02 -0.32 -1.74	35.79 -0.28 -1.09	32.44 -0.25 -1.00
GENERAL___MILLS 23808	34.64 1.09 -0.68	32.29 1.01 -0.52	29.39 0.60 -0.33	28.17 0.33 -0.25	29.20 0.54 -0.32	31.42 0.49 -0.49	40.89 -1.63 -0.81	44.43 -1.10 -1.53	38.80 -1.15 -0.43	31.28 -0.70 -0.03	32.11 -0.52 -0.19	33.44 -0.54 -0.37	37.02 -0.67 -0.67	39.28 -0.31 -1.14	38.93 -0.71 0.00	41.46 -0.53 -0.84	46.40 -1.39 0.00	61.34 -2.69 0.00	67.18 -2.32 -3.19	61.57 -1.75 -3.02	48.81 -1.75 -2.05	39.29 -1.35 -1.04	34.58 -1.05 -0.65	31.98 -0.32 -0.60
GE_PLASTICS___DRP 24183	32.44 -0.36 0.08	30.37 -0.37 0.01	28.15 -0.31 0.00	27.37 -0.22 0.00	28.01 -0.34 0.00	30.05 -0.40 0.00	36.09 -0.29 5.32	43.43 -0.53 0.04	39.12 -0.40 0.00	31.40 -0.29 0.27	31.92 -0.29 0.23	32.92 -0.34 0.35	-37.20 -0.37 73.85	1.70 -0.31 36.44	38.82 -0.24 0.59	40.25 -0.29 0.62	46.69 -0.24 0.86	62.41 -0.51 1.11	64.90 -0.66 0.75	59.05 -0.78 0.46	47.78 -0.44 0.29	39.13 -0.28 0.19	34.57 -0.14 0.27	31.53 -0.13 0.04
GILBOA___1 23756	33.33 0.40 -0.05	31.19 0.43 -0.01	28.89 0.43 0.00	28.01 0.41 0.00	28.69 0.34 0.00	30.66 0.21 0.00	42.04 0.33 0.00	44.37 0.35 -0.02	39.91 0.40 0.00	32.60 0.48 -0.16	33.13 0.55 -0.14	34.40 0.57 -0.22	37.96 0.63 -0.31	39.58 0.69 -0.44	40.83 0.83 -0.35	42.26 0.74 -0.37	49.21 0.91 -0.52	65.72 1.02 -0.67	67.30 0.53 -0.45	61.00 0.43 -0.28	49.27 0.58 -0.17	40.30 0.59 -0.11	35.70 0.56 -0.16	32.26 0.54 -0.02
GILBOA___2 23757	33.33 0.40 -0.05	31.19 0.43 -0.01	28.89 0.43 0.00	28.01 0.41 0.00	28.69 0.34 0.00	30.66 0.21 0.00	42.04 0.33 0.00	44.37 0.35 -0.02	39.91 0.40 0.00	32.60 0.48 -0.16	33.13 0.55 -0.14	34.40 0.57 -0.22	37.96 0.63 -0.31	39.58 0.69 -0.44	40.83 0.83 -0.35	42.26 0.74 -0.37	49.21 0.91 -0.52	65.72 1.02 -0.67	67.30 0.53 -0.45	61.00 0.43 -0.28	49.27 0.58 -0.17	40.30 0.59 -0.11	35.70 0.56 -0.16	32.26 0.54 -0.02
GILBOA___3 23758	33.33 0.40 -0.05	31.19 0.43 -0.01	28.89 0.43 0.00	28.01 0.41 0.00	28.69 0.34 0.00	30.66 0.21 0.00	42.04 0.33 0.00	44.37 0.35 -0.02	39.91 0.40 0.00	32.60 0.48 -0.16	33.13 0.55 -0.14	34.40 0.57 -0.22	37.96 0.63 -0.31	39.58 0.69 -0.44	40.83 0.83 -0.35	42.26 0.74 -0.37	49.21 0.91 -0.52	65.72 1.02 -0.67	67.30 0.53 -0.45	61.00 0.43 -0.28	49.27 0.58 -0.17	40.30 0.59 -0.11	35.70 0.56 -0.16	32.26 0.54 -0.02
GILBOA___4 23759	33.33 0.40 -0.05	31.19 0.43 -0.01	28.89 0.43 0.00	28.01 0.41 0.00	28.69 0.34 0.00	30.66 0.21 0.00	42.04 0.33 0.00	44.37 0.35 -0.02	39.91 0.40 0.00	32.60 0.48 -0.16	33.13 0.55 -0.14	34.40 0.57 -0.22	37.96 0.63 -0.31	39.58 0.69 -0.44	40.83 0.83 -0.35	42.26 0.74 -0.37	49.21 0.91 -0.52	65.72 1.02 -0.67	67.30 0.53 -0.45	61.00 0.43 -0.28	49.27 0.58 -0.17	40.30 0.59 -0.11	35.70 0.56 -0.16	32.26 0.54 -0.02

GILBOA____ 23599	33.33 0.39 -0.05	31.19 0.43 -0.01	28.87 0.40 0.00	28.00 0.41 0.00	28.69 0.34 0.00	30.69 0.24 0.00	42.08 0.38 0.00	44.38 0.35 -0.02	39.95 0.43 0.00	32.60 0.48 -0.16	33.13 0.55 -0.14	34.40 0.57 -0.22	37.96 0.63 -0.31	39.58 0.69 -0.44	40.83 0.83 -0.35	42.30 0.78 -0.37	49.21 0.91 -0.52	65.72 1.02 -0.67	67.30 0.53 -0.45	60.94 0.36 -0.28	49.31 0.63 -0.17	40.30 0.59 -0.11	35.66 0.52 -0.16	32.19 0.48 -0.02
GINNA____ 23603	32.68 -0.89 -0.69	30.52 -0.77 -0.53	27.86 -0.94 -0.33	26.83 -1.02 -0.26	27.68 -0.99 -0.32	29.79 -1.16 -0.50	39.91 -2.63 -0.83	43.23 -2.33 -1.56	37.62 -2.33 -0.44	30.16 -1.82 -0.03	30.91 -1.72 -0.20	32.17 -1.82 -0.38	35.77 -1.93 -0.68	37.84 -1.77 -1.16	37.46 -2.18 0.00	39.87 -2.14 -0.86	44.92 -2.87 0.00	60.06 -3.97 0.00	65.80 -3.78 -3.26	60.31 -3.07 -3.09	47.84 -2.76 -2.10	38.25 -2.42 -1.07	33.51 -2.13 -0.67	30.38 -1.93 -0.61
GLEN PARK____ 23778	35.36 1.41 -1.07	32.99 1.42 -0.82	30.18 1.20 -0.52	28.73 0.75 -0.40	29.78 0.93 -0.50	32.50 1.28 -0.77	44.78 1.79 -1.28	48.71 2.29 -2.42	41.50 1.30 -0.68	32.67 0.67 -0.04	33.10 0.36 -0.30	34.66 0.47 -0.58	38.63 0.56 -1.05	40.71 0.46 -1.81	39.72 0.08 0.00	42.85 0.37 -1.33	48.27 0.48 0.00	65.38 1.35 0.00	73.54 2.19 -5.04	67.55 2.47 -4.78	53.83 2.08 -3.24	42.95 1.70 -1.65	37.24 1.22 -1.03	33.56 0.92 -0.95
GLENDALE_27_KV_LOAD 356172	34.82 1.74 -0.20	32.14 1.35 -0.03	29.66 1.20 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.60 1.16 0.00	44.26 1.58 -0.97	46.73 1.80 -0.92	42.01 2.21 -0.28	34.84 2.24 -0.65	35.59 2.60 -0.56	37.16 2.69 -0.87	41.20 2.92 -1.25	44.65 3.08 -3.13	46.33 3.37 -3.32	48.32 3.09 -4.08	61.41 3.30 -10.32	75.86 3.59 -8.24	79.74 3.38 -10.04	71.80 2.65 -8.85	58.28 2.13 -7.64	42.85 2.34 -0.92	37.74 2.13 -0.63	33.56 1.78 -0.09
GLENWOOD_IC_1_G5 23712	34.56 1.48 -0.20	31.77 0.98 -0.03	29.32 0.85 0.00	28.45 0.86 0.00	29.11 0.77 0.00	31.36 0.91 0.00	43.04 1.33 0.00	45.50 1.41 -0.09	41.38 1.86 0.00	34.68 2.08 -0.65	35.32 2.30 -0.58	36.87 2.39 -0.88	40.86 2.59 -1.25	42.95 2.73 -1.77	44.03 2.97 -1.41	45.47 2.84 -1.48	52.60 2.77 -2.04	69.42 2.75 -2.64	70.62 2.52 -1.78	63.33 1.93 -1.10	50.80 1.60 -0.69	42.23 2.18 -0.46	37.53 1.92 -0.63	33.43 1.65 -0.09
GLENWOOD_IC_2_G1 23688	34.43 1.35 -0.20	31.71 0.92 -0.03	29.29 0.83 0.00	28.39 0.80 0.00	29.08 0.74 0.00	31.24 0.79 0.00	42.87 1.17 0.00	45.41 1.32 -0.09	41.14 1.62 0.00	34.52 1.92 -0.65	35.11 2.11 -0.56	36.65 2.18 -0.86	40.62 2.37 -1.23	42.74 2.54 -1.76	43.81 2.77 -1.39	45.13 2.51 -1.47	52.70 2.87 -2.04	69.68 3.01 -2.64	70.89 2.78 -1.78	63.63 2.23 -1.10	50.99 1.80 -0.69	42.03 1.98 -0.46	37.39 1.78 -0.63	33.30 1.52 -0.09
GLENWOOD_IC_3_G1 23689	34.43 1.35 -0.20	31.71 0.92 -0.03	29.29 0.83 0.00	28.39 0.80 0.00	29.08 0.74 0.00	31.24 0.79 0.00	42.87 1.17 0.00	45.41 1.32 -0.09	41.14 1.62 0.00	34.52 1.92 -0.65	35.11 2.11 -0.56	36.65 2.18 -0.86	40.62 2.37 -1.23	42.74 2.54 -1.76	43.81 2.77 -1.39	45.13 2.51 -1.47	52.70 2.87 -2.04	69.68 3.01 -2.64	70.89 2.78 -1.78	63.63 2.23 -1.10	50.99 1.80 -0.69	42.03 1.98 -0.46	37.39 1.78 -0.63	33.30 1.52 -0.09
GLENWOOD____4 23550	34.56 1.48 -0.20	31.77 0.98 -0.03	29.32 0.85 0.00	28.45 0.86 0.00	29.11 0.77 0.00	31.36 0.91 0.00	43.04 1.33 0.00	45.50 1.41 -0.09	41.38 1.86 0.00	34.68 2.08 -0.65	35.32 2.30 -0.58	36.87 2.39 -0.88	40.86 2.59 -1.25	42.95 2.73 -1.77	44.03 2.97 -1.41	45.47 2.84 -1.48	52.75 2.92 -2.04	69.55 2.88 -2.64	70.82 2.72 -1.78	63.51 2.11 -1.10	50.94 1.75 -0.69	42.23 2.18 -0.46	37.53 1.92 -0.63	33.43 1.65 -0.09
GLENWOOD____5 23614	34.56 1.48 -0.20	31.77 0.98 -0.03	29.32 0.85 0.00	28.45 0.86 0.00	29.11 0.77 0.00	31.36 0.91 0.00	43.04 1.33 0.00	45.50 1.41 -0.09	41.38 1.86 0.00	34.68 2.08 -0.65	35.32 2.30 -0.58	36.87 2.39 -0.88	40.86 2.59 -1.25	42.95 2.73 -1.77	44.03 2.97 -1.41	45.47 2.84 -1.48	52.75 2.92 -2.04	69.55 2.88 -2.64	70.82 2.72 -1.78	63.51 2.11 -1.10	50.94 1.75 -0.69	42.23 2.18 -0.46	37.53 1.92 -0.63	33.43 1.65 -0.09
GLOBAL GREEN_PORT_GT1 23814	35.15 2.07 -0.20	31.90 1.11 -0.03	29.38 0.91 0.00	28.47 0.88 0.00	29.11 0.77 0.00	31.51 1.07 0.00	43.33 1.62 0.00	46.12 2.03 -0.09	42.05 2.53 0.00	35.51 2.91 -0.65	36.28 3.27 -0.57	37.54 3.06 -0.87	41.63 3.37 -1.24	43.71 3.50 -1.77	44.89 3.84 -1.40	46.12 3.50 -1.47	53.66 3.82 -2.04	69.35 2.69 -2.63	69.95 1.85 -1.78	62.48 1.09 -1.10	50.22 1.02 -0.69	42.04 1.98 -0.46	36.90 1.30 -0.63	33.18 1.39 -0.09
GLOBE____DSASP 323697	34.40 0.85 -0.67	32.06 0.80 -0.51	29.16 0.37 -0.32	27.95 0.11 -0.25	28.97 0.31 -0.31	31.05 0.12 -0.48	39.38 -3.13 -0.80	42.69 -2.82 -1.50	37.37 -2.57 -0.42	30.16 -1.82 -0.03	30.97 -1.65 -0.19	32.26 -1.71 -0.36	35.68 -2.00 -0.66	37.84 -1.73 -1.12	37.46 -2.18 0.00	40.00 -1.98 -0.83	44.59 -3.20 0.00	58.72 -5.31 0.00	64.41 -5.04 -3.13	59.10 -4.16 -2.97	46.98 -3.54 -2.01	38.01 -2.61 -1.03	33.70 -1.92 -0.64	31.84 -0.44 -0.59
GOETHSLN____LBMP 323567	34.32 1.25 -0.19	31.67 0.89 -0.03	29.26 0.80 0.01	28.36 0.77 0.01	29.05 0.71 0.01	31.20 0.76 0.01	41.20 1.21 1.72	42.45 1.36 2.92	40.96 1.70 0.26	34.45 1.85 -0.65	35.17 2.17 -0.56	36.73 2.25 -0.87	40.61 2.37 -1.22	41.36 2.50 -0.42	41.99 2.81 0.47	42.42 2.59 1.32	43.90 2.92 6.80	53.32 3.20 13.91	52.21 2.98 17.09	44.68 2.29 17.91	43.60 1.84 6.75	41.39 1.82 0.03	37.28 1.68 -0.62	33.11 1.33 -0.08
GOLAH____69_KV_TB 1_2 80279	34.43 0.89 -0.66	32.16 0.89 -0.51	29.33 0.54 -0.32	28.22 0.39 -0.25	29.17 0.51 -0.31	31.38 0.46 -0.48	41.58 -0.92 -0.79	45.01 -0.48 -1.50	39.30 -0.63 -0.42	31.60 -0.38 -0.03	32.37 -0.26 -0.19	33.67 -0.30 -0.36	37.34 -0.33 -0.65	39.49 -0.08 -1.12	39.13 -0.52 0.00	41.69 -0.29 -0.82	46.88 -0.91 0.00	62.37 -1.66 0.00	68.18 -1.26 -3.12	62.65 -0.60 -2.96	49.69 -0.82 -2.01	39.87 -0.75 -1.02	35.10 -0.52 -0.64	32.22 -0.06 -0.59
GOODYEAR_LAKE_HYD 323669	34.39 1.18 -0.32	32.11 1.11 -0.25	29.62 1.00 -0.16	28.51 0.80 -0.12	29.38 0.88 -0.15	31.65 0.97 -0.23	43.30 1.21 -0.39	46.18 1.45 -0.73	40.83 1.11 -0.20	32.83 0.86 -0.01	33.34 0.81 -0.09	34.69 0.91 -0.18	38.38 1.04 -0.32	40.07 1.08 -0.54	40.71 1.07 0.00	42.79 1.23 -0.40	49.22 1.43 0.00	66.15 2.11 0.00	70.16 2.32 -1.52	63.85 2.11 -1.44	51.28 1.79 -0.98	41.56 1.46 -0.50	36.45 1.15 -0.31	32.97 0.98 -0.29
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	34.20 0.53 -0.79	31.83 0.49 -0.59	29.20 0.37 -0.37	28.12 0.25 -0.28	29.01 0.31 -0.35	31.30 0.30 -0.55	42.53 -0.08 -0.91	45.86 0.13 -1.73	40.04 0.04 -0.48	32.19 0.10 -0.14	32.94 0.19 -0.31	34.36 0.20 -0.55	38.15 0.19 -0.94	40.35 0.35 -1.56	40.18 0.32 -0.22	42.74 0.41 -1.18	48.40 0.29 -0.33	64.71 0.26 -0.42	70.64 0.46 -3.86	64.34 0.48 -3.56	51.20 0.29 -2.41	40.96 0.12 -1.24	35.88 0.07 -0.83	32.54 0.16 -0.68

GOUDEY___7 23579	34.20 0.53 -0.79	31.83 0.49 -0.59	29.20 0.37 -0.37	28.12 0.25 -0.28	29.01 0.31 -0.35	31.30 0.30 -0.55	42.53 -0.08 -0.91	45.86 0.13 -1.73	40.04 0.04 -0.48	32.19 0.10 -0.14	32.94 0.19 -0.31	34.36 0.20 -0.55	38.15 0.19 -0.94	40.35 0.35 -1.56	40.18 0.32 -0.22	42.74 0.41 -1.18	48.40 0.29 -0.33	64.71 0.26 -0.42	70.64 0.46 -3.86	64.34 0.48 -3.56	51.20 0.29 -2.41	40.96 0.12 -1.24	35.88 0.07 -0.83	32.54 0.16 -0.68
GOUDEY___8 23580	34.20 0.53 -0.79	31.83 0.49 -0.59	29.20 0.37 -0.37	28.12 0.25 -0.28	29.01 0.31 -0.35	31.30 0.30 -0.55	42.53 -0.08 -0.91	45.86 0.13 -1.73	40.04 0.04 -0.48	32.19 0.10 -0.14	32.94 0.19 -0.31	34.36 0.20 -0.55	38.15 0.19 -0.94	40.35 0.35 -1.56	40.18 0.32 -0.22	42.74 0.41 -1.18	48.40 0.29 -0.33	64.71 0.26 -0.42	70.64 0.46 -3.86	64.34 0.48 -3.56	51.20 0.29 -2.41	40.96 0.12 -1.24	35.88 0.07 -0.83	32.54 0.16 -0.68
GOWANUS_GT1_1 24077	34.89 1.81 -0.20	32.14 1.35 -0.03	29.66 1.20 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.60 1.16 0.00	47.13 1.33 -4.09	49.13 1.54 -3.59	42.99 2.29 -1.18	34.68 2.08 -0.65	35.46 2.47 -0.56	37.06 2.59 -0.87	41.17 2.81 -1.33	49.39 3.00 -7.95	53.00 3.29 -10.07	56.65 2.96 -12.53	87.88 3.01 -37.08	93.34 2.95 -26.36	105.72 2.65 -36.76	96.26 2.05 -33.92	80.48 1.84 -30.12	44.37 2.38 -2.40	37.64 2.03 -0.63	33.49 1.71 -0.09
GOWANUS_GT1_2 24078	34.89 1.81 -0.20	32.14 1.35 -0.03	29.66 1.20 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.60 1.16 0.00	47.13 1.33 -4.09	49.13 1.54 -3.59	42.99 2.29 -1.18	34.68 2.08 -0.65	35.46 2.47 -0.56	37.06 2.59 -0.87	41.17 2.81 -1.33	49.39 3.00 -7.95	53.00 3.29 -10.07	56.65 2.96 -12.53	87.88 3.01 -37.08	93.34 2.95 -26.36	105.72 2.65 -36.76	96.26 2.05 -33.92	80.48 1.84 -30.12	44.37 2.38 -2.40	37.64 2.03 -0.63	33.49 1.71 -0.09
GOWANUS_GT1_3 24079	34.89 1.81 -0.20	32.14 1.35 -0.03	29.66 1.20 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.60 1.16 0.00	47.13 1.33 -4.09	49.13 1.54 -3.59	42.99 2.29 -1.18	34.68 2.08 -0.65	35.46 2.47 -0.56	37.06 2.59 -0.87	41.17 2.81 -1.33	49.39 3.00 -7.95	53.00 3.29 -10.07	56.65 2.96 -12.53	87.88 3.01 -37.08	93.34 2.95 -26.36	105.72 2.65 -36.76	96.26 2.05 -33.92	80.48 1.84 -30.12	44.37 2.38 -2.40	37.64 2.03 -0.63	33.49 1.71 -0.09
GOWANUS_GT1_4 24080	34.89 1.81 -0.20	32.14 1.35 -0.03	29.66 1.20 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.60 1.16 0.00	47.13 1.33 -4.09	49.13 1.54 -3.59	42.99 2.29 -1.18	34.68 2.08 -0.65	35.46 2.47 -0.56	37.06 2.59 -0.87	41.17 2.81 -1.33	49.39 3.00 -7.95	53.00 3.29 -10.07	56.65 2.96 -12.53	87.88 3.01 -37.08	93.34 2.95 -26.36	105.72 2.65 -36.76	96.26 2.05 -33.92	80.48 1.84 -30.12	44.37 2.38 -2.40	37.64 2.03 -0.63	33.49 1.71 -0.09
GOWANUS_GT1_5 24084	34.89 1.81 -0.20	32.14 1.35 -0.03	29.66 1.20 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.60 1.16 0.00	47.13 1.33 -4.09	49.13 1.54 -3.59	42.99 2.29 -1.18	34.68 2.08 -0.65	35.46 2.47 -0.56	37.06 2.59 -0.87	41.17 2.81 -1.33	49.39 3.00 -7.95	53.00 3.29 -10.07	56.65 2.96 -12.53	87.88 3.01 -37.08	93.34 2.95 -26.36	105.72 2.65 -36.76	96.26 2.05 -33.92	80.48 1.84 -30.12	44.37 2.38 -2.40	37.64 2.03 -0.63	33.49 1.71 -0.09
GOWANUS_GT1_6 24111	34.89 1.81 -0.20	32.14 1.35 -0.03	29.66 1.20 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.60 1.16 0.00	47.13 1.33 -4.09	49.13 1.54 -3.59	42.99 2.29 -1.18	34.68 2.08 -0.65	35.46 2.47 -0.56	37.06 2.59 -0.87	41.17 2.81 -1.33	49.39 3.00 -7.95	53.00 3.29 -10.07	56.65 2.96 -12.53	87.88 3.01 -37.08	93.34 2.95 -26.36	105.72 2.65 -36.76	96.26 2.05 -33.92	80.48 1.84 -30.12	44.37 2.38 -2.40	37.64 2.03 -0.63	33.49 1.71 -0.09
GOWANUS_GT1_7 24112	34.89 1.81 -0.20	32.14 1.35 -0.03	29.66 1.20 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.60 1.16 0.00	47.13 1.33 -4.09	49.13 1.54 -3.59	42.99 2.29 -1.18	34.68 2.08 -0.65	35.46 2.47 -0.56	37.06 2.59 -0.87	41.17 2.81 -1.33	49.39 3.00 -7.95	53.00 3.29 -10.07	56.65 2.96 -12.53	87.88 3.01 -37.08	93.34 2.95 -26.36	105.72 2.65 -36.76	96.26 2.05 -33.92	80.48 1.84 -30.12	44.37 2.38 -2.40	37.64 2.03 -0.63	33.49 1.71 -0.09
GOWANUS_GT1_8 24113	34.89 1.81 -0.20	32.14 1.35 -0.03	29.66 1.20 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.60 1.16 0.00	47.13 1.33 -4.09	49.13 1.54 -3.59	42.99 2.29 -1.18	34.68 2.08 -0.65	35.46 2.47 -0.56	37.06 2.59 -0.87	41.17 2.81 -1.33	49.39 3.00 -7.95	53.00 3.29 -10.07	56.65 2.96 -12.53	87.88 3.01 -37.08	93.34 2.95 -26.36	105.72 2.65 -36.76	96.26 2.05 -33.92	80.48 1.84 -30.12	44.37 2.38 -2.40	37.64 2.03 -0.63	33.49 1.71 -0.09
GOWANUS_GT2_1 24114	34.88 1.81 -0.20	32.14 1.35 -0.03	29.69 1.22 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.57 1.13 0.00	42.16 1.33 0.89	44.96 1.63 0.66	40.88 1.62 0.26	34.74 2.14 -0.65	35.46 2.46 -0.56	37.06 2.59 -0.87	41.04 2.81 -1.21	42.13 3.00 -0.69	42.84 3.29 0.09	43.01 2.80 0.94	45.14 2.92 5.56	64.53 3.01 2.51	63.22 2.72 5.82	56.38 2.11 6.03	44.54 1.74 5.71	42.00 2.38 -0.03	37.67 2.06 -0.63	33.59 1.81 -0.09
GOWANUS_GT2_2 24115	34.88 1.81 -0.20	32.14 1.35 -0.03	29.69 1.22 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.57 1.13 0.00	42.16 1.33 0.89	44.96 1.63 0.66	40.88 1.62 0.26	34.74 2.14 -0.65	35.46 2.46 -0.56	37.06 2.59 -0.87	41.04 2.81 -1.21	42.13 3.00 -0.69	42.84 3.29 0.09	43.01 2.80 0.94	45.14 2.92 5.56	64.53 3.01 2.51	63.22 2.72 5.82	56.38 2.11 6.03	44.54 1.74 5.71	42.00 2.38 -0.03	37.67 2.06 -0.63	33.59 1.81 -0.09
GOWANUS_GT2_3 24116	34.88 1.81 -0.20	32.14 1.35 -0.03	29.69 1.22 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.57 1.13 0.00	42.16 1.33 0.89	44.96 1.63 0.66	40.88 1.62 0.26	34.74 2.14 -0.65	35.46 2.46 -0.56	37.06 2.59 -0.87	41.04 2.81 -1.21	42.13 3.00 -0.69	42.84 3.29 0.09	43.01 2.80 0.94	45.14 2.92 5.56	64.53 3.01 2.51	63.22 2.72 5.82	56.38 2.11 6.03	44.54 1.74 5.71	42.00 2.38 -0.03	37.67 2.06 -0.63	33.59 1.81 -0.09
GOWANUS_GT2_4 24117	34.88 1.81 -0.20	32.14 1.35 -0.03	29.69 1.22 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.57 1.13 0.00	42.16 1.33 0.89	44.96 1.63 0.66	40.88 1.62 0.26	34.74 2.14 -0.65	35.46 2.46 -0.56	37.06 2.59 -0.87	41.04 2.81 -1.21	42.13 3.00 -0.69	42.84 3.29 0.09	43.01 2.80 0.94	45.14 2.92 5.56	64.53 3.01 2.51	63.22 2.72 5.82	56.38 2.11 6.03	44.54 1.74 5.71	42.00 2.38 -0.03	37.67 2.06 -0.63	33.59 1.81 -0.09
GOWANUS_GT2_5 24118	34.88 1.81 -0.20	32.14 1.35 -0.03	29.69 1.22 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.57 1.13 0.00	42.16 1.33 0.89	44.96 1.63 0.66	40.88 1.62 0.26	34.74 2.14 -0.65	35.46 2.46 -0.56	37.06 2.59 -0.87	41.04 2.81 -1.21	42.13 3.00 -0.69	42.84 3.29 0.09	43.01 2.80 0.94	45.14 2.92 5.56	64.53 3.01 2.51	63.22 2.72 5.82	56.38 2.11 6.03	44.54 1.74 5.71	42.00 2.38 -0.03	37.67 2.06 -0.63	33.59 1.81 -0.09

GOWANUS_GT2_6 24119	34.88 1.81 -0.20	32.14 1.35 -0.03	29.69 1.22 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.57 1.13 0.00	42.16 1.33 0.89	44.96 1.63 0.66	40.88 1.62 0.26	34.74 2.14 -0.65	35.46 2.46 -0.56	37.06 2.59 -0.87	41.04 2.81 -1.21	42.13 3.00 -0.69	42.84 3.29 0.09	43.01 2.80 0.94	45.14 2.92 5.56	64.53 3.01 2.51	63.22 2.72 5.82	56.38 2.11 6.03	44.54 1.74 5.71	42.00 2.38 -0.03	37.67 2.06 -0.63	33.59 1.81 -0.09
GOWANUS_GT2_7 24120	34.88 1.81 -0.20	32.14 1.35 -0.03	29.69 1.22 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.57 1.13 0.00	42.16 1.33 0.89	44.96 1.63 0.66	40.88 1.62 0.26	34.74 2.14 -0.65	35.46 2.46 -0.56	37.06 2.59 -0.87	41.04 2.81 -1.21	42.13 3.00 -0.69	42.84 3.29 0.09	43.01 2.80 0.94	45.14 2.92 5.56	64.53 3.01 2.51	63.22 2.72 5.82	56.38 2.11 6.03	44.54 1.74 5.71	42.00 2.38 -0.03	37.67 2.06 -0.63	33.59 1.81 -0.09
GOWANUS_GT2_8 24121	34.88 1.81 -0.20	32.14 1.35 -0.03	29.69 1.22 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.57 1.13 0.00	42.16 1.33 0.89	44.96 1.63 0.66	40.88 1.62 0.26	34.74 2.14 -0.65	35.46 2.46 -0.56	37.06 2.59 -0.87	41.04 2.81 -1.21	42.13 3.00 -0.69	42.84 3.29 0.09	43.01 2.80 0.94	45.14 2.92 5.56	64.53 3.01 2.51	63.22 2.72 5.82	56.38 2.11 6.03	44.54 1.74 5.71	42.00 2.38 -0.03	37.67 2.06 -0.63	33.59 1.81 -0.09
GOWANUS_GT3_1 24122	34.88 1.81 -0.20	32.14 1.35 -0.03	29.69 1.22 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.57 1.13 0.00	47.13 1.33 -4.09	49.22 1.63 -3.59	42.31 1.62 -1.18	34.74 2.14 -0.65	35.46 2.46 -0.56	37.06 2.59 -0.87	41.16 2.81 -1.33	49.40 3.00 -7.95	53.00 3.29 -10.07	56.48 2.80 -12.53	87.78 2.92 -37.08	93.34 2.95 -26.36	105.73 2.66 -36.76	96.27 2.05 -33.92	80.38 1.74 -30.12	44.37 2.38 -2.40	37.67 2.06 -0.63	33.59 1.81 -0.09
GOWANUS_GT3_2 24123	34.88 1.81 -0.20	32.14 1.35 -0.03	29.69 1.22 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.57 1.13 0.00	47.13 1.33 -4.09	49.22 1.63 -3.59	42.31 1.62 -1.18	34.74 2.14 -0.65	35.46 2.46 -0.56	37.06 2.59 -0.87	41.16 2.81 -1.33	49.40 3.00 -7.95	53.00 3.29 -10.07	56.48 2.80 -12.53	87.78 2.92 -37.08	93.34 2.95 -26.36	105.73 2.66 -36.76	96.27 2.05 -33.92	80.38 1.74 -30.12	44.37 2.38 -2.40	37.67 2.06 -0.63	33.59 1.81 -0.09
GOWANUS_GT3_3 24124	34.88 1.81 -0.20	32.14 1.35 -0.03	29.69 1.22 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.57 1.13 0.00	47.13 1.33 -4.09	49.22 1.63 -3.59	42.31 1.62 -1.18	34.74 2.14 -0.65	35.46 2.46 -0.56	37.06 2.59 -0.87	41.16 2.81 -1.33	49.40 3.00 -7.95	53.00 3.29 -10.07	56.48 2.80 -12.53	87.78 2.92 -37.08	93.34 2.95 -26.36	105.73 2.66 -36.76	96.27 2.05 -33.92	80.38 1.74 -30.12	44.37 2.38 -2.40	37.67 2.06 -0.63	33.59 1.81 -0.09
GOWANUS_GT3_4 24125	34.88 1.81 -0.20	32.14 1.35 -0.03	29.69 1.22 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.57 1.13 0.00	47.13 1.33 -4.09	49.22 1.63 -3.59	42.31 1.62 -1.18	34.74 2.14 -0.65	35.46 2.46 -0.56	37.06 2.59 -0.87	41.16 2.81 -1.33	49.40 3.00 -7.95	53.00 3.29 -10.07	56.48 2.80 -12.53	87.78 2.92 -37.08	93.34 2.95 -26.36	105.73 2.66 -36.76	96.27 2.05 -33.92	80.38 1.74 -30.12	44.37 2.38 -2.40	37.67 2.06 -0.63	33.59 1.81 -0.09
GOWANUS_GT3_5 24126	34.88 1.81 -0.20	32.14 1.35 -0.03	29.69 1.22 0.00	28.7																				

GOWANUS_GT4_5 24134	34.89 1.81 -0.20	32.14 1.35 -0.03	29.66 1.20 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.60 1.16 0.00	42.16 1.33 0.89	44.88 1.54 0.66	41.55 2.29 0.26	34.68 2.08 -0.65	35.46 2.47 -0.56	37.06 2.59 -0.87	41.04 2.81 -1.21	42.13 3.00 -0.69	42.84 3.29 0.09	43.18 2.96 0.94	45.24 3.01 5.56	64.47 2.95 2.51	63.22 2.72 5.82	56.32 2.05 6.03	44.64 1.84 5.71	42.00 2.38 -0.03	37.64 2.03 -0.63	33.49 1.71 -0.09
GOWANUS_GT4_6 24135	34.89 1.81 -0.20	32.14 1.35 -0.03	29.66 1.20 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.60 1.16 0.00	42.16 1.33 0.89	44.88 1.54 0.66	41.55 2.29 0.26	34.68 2.08 -0.65	35.46 2.47 -0.56	37.06 2.59 -0.87	41.04 2.81 -1.21	42.13 3.00 -0.69	42.84 3.29 0.09	43.18 2.96 0.94	45.24 3.01 5.56	64.47 2.95 2.51	63.22 2.72 5.82	56.32 2.05 6.03	44.64 1.84 5.71	42.00 2.38 -0.03	37.64 2.03 -0.63	33.49 1.71 -0.09
GOWANUS_GT4_7 24136	34.89 1.81 -0.20	32.14 1.35 -0.03	29.66 1.20 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.60 1.16 0.00	42.16 1.33 0.89	44.88 1.54 0.66	41.55 2.29 0.26	34.68 2.08 -0.65	35.46 2.47 -0.56	37.06 2.59 -0.87	41.04 2.81 -1.21	42.13 3.00 -0.69	42.84 3.29 0.09	43.18 2.96 0.94	45.24 3.01 5.56	64.47 2.95 2.51	63.22 2.72 5.82	56.32 2.05 6.03	44.64 1.84 5.71	42.00 2.38 -0.03	37.64 2.03 -0.63	33.49 1.71 -0.09
GOWANUS_GT4_8 24137	34.89 1.81 -0.20	32.14 1.35 -0.03	29.66 1.20 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.60 1.16 0.00	42.16 1.33 0.89	44.88 1.54 0.66	41.55 2.29 0.26	34.68 2.08 -0.65	35.46 2.47 -0.56	37.06 2.59 -0.87	41.04 2.81 -1.21	42.13 3.00 -0.69	42.84 3.29 0.09	43.18 2.96 0.94	45.24 3.01 5.56	64.47 2.95 2.51	63.22 2.72 5.82	56.32 2.05 6.03	44.64 1.84 5.71	42.00 2.38 -0.03	37.64 2.03 -0.63	33.49 1.71 -0.09
GREATVRV_69_KV_BK1 356245	35.12 2.04 -0.20	31.99 1.20 -0.03	29.46 1.00 0.00	28.56 0.97 0.00	29.23 0.88 0.00	31.66 1.22 0.00	43.63 1.92 0.00	46.03 1.94 -0.09	42.05 2.53 0.00	35.41 2.81 -0.65	36.12 3.11 -0.57	37.50 3.02 -0.87	41.59 3.33 -1.24	43.67 3.46 -1.77	44.85 3.81 -1.40	46.17 3.54 -1.47	53.56 3.73 -2.04	70.00 3.33 -2.63	71.21 3.12 -1.78	63.80 2.41 -1.10	51.48 2.28 -0.69	43.10 3.05 -0.46	38.06 2.45 -0.63	34.06 2.28 -0.09
GREENBSH_115KV_TB3 55895	32.50 -0.26 0.12	30.43 -0.31 0.02	28.24 -0.23 0.00	27.45 -0.14 0.00	28.09 -0.26 0.00	30.14 -0.30 0.00	33.57 -0.13 8.02	43.55 -0.40 0.06	39.24 -0.28 0.00	31.37 -0.19 0.39	31.87 -0.23 0.34	32.82 -0.27 0.52	35.97 -0.30 0.75	37.18 -0.19 1.07	38.65 -0.16 0.83	40.07 -0.21 0.88	46.47 -0.10 1.22	62.19 -0.26 1.58	64.85 -0.40 1.07	59.09 -0.54 0.66	47.80 -0.29 0.41	39.12 -0.20 0.27	34.53 -0.07 0.38	31.58 -0.06 0.05
GREENDGE_115KV_TB5 80291	34.62 0.89 -0.85	32.24 0.83 -0.66	29.48 0.60 -0.41	28.35 0.44 -0.32	29.29 0.54 -0.40	31.64 0.58 -0.62	42.44 -0.29 -1.02	46.02 0.09 -1.93	39.78 -0.28 -0.54	31.96 -0.03 -0.04	32.71 0.03 -0.24	34.04 -0.03 -0.46	37.86 0.00 -0.84	40.08 0.19 -1.44	39.68 0.04 0.00	42.13 -0.08 -1.06	47.41 -0.38 0.00	63.52 -0.51 0.00	70.54 0.20 -4.03	64.53 0.42 -3.81	51.10 0.00 -2.59	40.60 -0.32 -1.32	35.74 -0.07 -0.83	32.55 0.10 -0.76
GREENIDGE___3 23582	34.62 0.89 -0.85	32.24 0.83 -0.66	29.48 0.60 -0.41	28.35 0.44 -0.32	29.29 0.54 -0.40	31.64 0.58 -0.62	42.44 -0.29 -1.02	46.02 0.09 -1.93	39.78 -0.28 -0.54	31.96 -0.03 -0.04	32.71 0.03 -0.24	34.04 -0.03 -0.46	37.86 0.00 -0.84	40.08 0.19 -1.44	39.68 0.04 0.00	42.13 -0.08 -1.06	47.41 -0.38 0.00	63.52 -0.51 0.00	70.54 0.20 -4.03	64.53 0.42 -3.81	51.10 0.00 -2.59	40.60 -0.32 -1.32	35.74 -0.07 -0.83	32.55 0.10 -0.76
GREENIDGE___4 23583	34.62 0.89 -0.85	32.24 0.83 -0.66	29.48 0.60 -0.41	28.35 0.44 -0.32	29.29 0.54 -0.40	31.67 0.61 -0.62	42.44 -0.29 -1.02	46.02 0.09 -1.93	40.06 0.00 -0.54	31.96 -0.03 -0.04	32.71 0.03 -0.24	34.04 -0.03 -0.46	37.86 0.00 -0.84	40.08 0.19 -1.44	39.68 0.04 0.00	42.05 -0.16 -1.06	47.40 -0.38 0.00	63.59 -0.45 0.00	70.54 0.20 -4.03	64.48 0.36 -3.82	51.10 0.00 -2.59	40.60 -0.32 -1.32	35.63 -0.17 -0.83	32.30 -0.16 -0.76
GREENLWN_69_KV_BK 3 55738	34.10 1.02 -0.20	31.16 0.37 -0.03	28.72 0.26 0.00	27.87 0.28 0.00	28.49 0.14 0.00	30.81 0.37 0.00	42.33 0.63 0.00	44.36 0.26 -0.09	40.78 1.26 0.00	34.36 1.76 -0.65	34.92 1.91 -0.57	36.39 1.92 -0.87	40.33 2.07 -1.24	42.05 1.85 -1.77	43.07 2.02 -1.40	44.40 1.77 -1.47	51.70 1.86 -2.04	67.82 1.15 -2.63	68.95 0.86 -1.78	61.81 0.42 -1.09	49.68 0.49 -0.69	41.40 1.35 -0.46	37.04 1.43 -0.63	33.08 1.30 -0.09
GREENWD_138_KV_38B11_REV_LBMP_J 345004	34.89 1.81 -0.20	32.14 1.35 -0.03	29.66 1.20 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.60 1.16 0.00	42.16 1.33 0.89	44.88 1.54 0.66	41.55 2.29 0.26	34.68 2.08 -0.65	35.46 2.47 -0.56	37.06 2.59 -0.87	41.04 2.81 -1.21	42.13 3.00 -0.69	42.84 3.29 0.09	43.18 2.96 0.94	45.24 3.01 5.56	64.47 2.95 2.51	63.22 2.72 5.82	56.32 2.05 6.03	44.64 1.84 5.71	42.00 2.38 -0.03	37.64 2.03 -0.63	33.49 1.71 -0.09
GRISSOM___SOLAR 323813	34.46 1.68 0.09	32.21 1.48 0.02	29.83 1.37 0.00	28.89 1.30 0.00	29.71 1.36 0.00	31.97 1.52 0.00	45.65 2.21 -1.73	46.20 2.24 0.04	40.66 1.15 0.00	31.95 0.25 0.26	31.99 -0.23 0.22	32.80 -0.47 0.34	35.98 -0.55 0.49	37.17 -0.58 0.70	38.65 -0.44 0.55	40.69 0.12 0.58	47.93 0.96 0.81	65.73 2.75 1.05	69.52 3.91 0.71	63.41 3.56 0.44	51.10 2.86 0.27	41.59 2.18 0.18	36.51 1.78 0.25	33.22 1.55 0.03
GROVEVILLE___HYD 323602	34.45 1.38 -0.19	31.90 1.11 -0.03	29.46 1.00 0.00	28.58 0.99 0.00	29.28 0.94 0.00	31.39 0.94 0.00	43.21 1.50 0.00	45.67 1.58 -0.09	41.18 1.66 0.00	34.08 1.50 -0.62	34.66 1.69 -0.54	36.18 1.75 -0.82	38.83 1.93 0.12	41.61 2.11 -1.05	43.31 2.34 -1.33	44.86 2.30 -1.40	52.47 2.72 -1.96	69.76 3.20 -2.53	71.27 3.25 -1.71	64.07 2.71 -1.06	51.35 2.18 -0.66	41.89 1.86 -0.44	37.23 1.64 -0.60	33.11 1.33 -0.08
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.41 0.07 -1.46	31.94 0.06 -1.12	29.18 0.00 -0.71	28.08 -0.06 -0.54	29.00 -0.03 -0.68	31.44 -0.06 -1.05	43.25 -0.21 -1.75	47.21 -0.09 -3.30	40.24 -0.20 -0.92	31.86 -0.16 -0.06	32.72 -0.13 -0.41	34.24 -0.17 -0.79	38.31 -0.15 -1.44	40.83 -0.08 -2.47	39.56 -0.08 0.00	42.93 -0.04 -1.82	47.69 -0.10 0.00	63.90 -0.13 0.00	73.33 0.13 -6.88	67.00 0.18 -6.52	53.03 0.10 -4.42	41.77 -0.08 -2.26	36.32 -0.07 -1.41	32.93 -0.06 -1.29
HAMLTNNY_34_KV_TB 80303	34.53 0.16 -1.48	32.05 0.15 -1.14	29.24 0.06 -0.72	28.14 0.00 -0.55	29.07 0.03 -0.69	31.52 0.00 -1.07	43.24 -0.25 -1.78	47.27 -0.09 -3.36	40.26 -0.20 -0.94	31.89 -0.13 -0.06	32.76 -0.10 -0.42	34.28 -0.13 -0.81	38.37 -0.11 -1.46	40.91 -0.04 -2.51	39.56 -0.08 0.00	43.00 0.00 -1.84	47.64 -0.14 0.00	63.78 -0.26 0.00	73.38 0.07 -6.99	67.10 0.18 -6.63	53.05 0.05 -4.50	41.77 -0.12 -2.29	36.31 -0.10 -1.43	32.95 -0.06 -1.31

HAMPSHIRE___PAPER_HYD 323593	34.12 0.79 -0.45	31.93 0.83 -0.35	29.37 0.68 -0.22	28.31 0.55 -0.17	29.24 0.68 -0.21	31.72 0.94 -0.33	43.71 1.46 -0.54	46.65 1.63 -1.02	40.95 1.15 -0.28	32.58 0.61 -0.02	32.99 0.42 -0.13	34.39 0.54 -0.25	38.06 0.59 -0.44	39.55 0.35 -0.76	39.76 0.12 0.00	41.88 0.17 -0.56	47.93 0.14 0.00	64.54 0.51 0.00	69.24 0.80 -2.12	63.39 1.09 -2.01	50.79 0.92 -1.36	41.24 0.95 -0.70	36.25 0.84 -0.44	32.76 0.67 -0.40
HARDSCRABBLE_WT_PWR 323673	32.75 -0.13 0.00	30.66 -0.09 0.00	28.35 -0.11 0.00	27.34 -0.25 0.00	28.15 -0.20 0.00	30.32 -0.12 0.00	41.54 -0.17 0.00	43.91 -0.09 0.00	39.28 -0.24 0.00	31.73 -0.22 0.00	32.21 -0.23 0.00	33.44 -0.17 0.00	36.84 -0.18 0.00	38.21 -0.23 0.00	39.25 -0.40 0.00	40.78 -0.37 0.00	47.12 -0.67 0.00	63.01 -1.03 0.00	65.05 -1.26 0.00	59.09 -1.21 0.00	47.64 -0.87 0.00	39.08 -0.52 0.00	34.46 -0.52 0.00	31.19 -0.51 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.28 1.22 -0.18	31.74 0.95 -0.03	29.32 0.85 0.00	28.42 0.83 0.00	29.11 0.77 0.00	31.27 0.82 0.00	42.96 1.25 0.00	45.49 1.41 -0.09	41.02 1.50 0.00	34.02 1.47 -0.59	34.64 1.69 -0.51	36.14 1.75 -0.79	40.07 1.93 -1.13	42.13 2.08 -1.61	43.26 2.34 -1.28	44.76 2.26 -1.34	52.29 2.63 -1.87	69.52 3.07 -2.42	71.00 3.05 -1.63	63.78 2.47 -1.01	51.13 1.99 -0.63	41.71 1.70 -0.42	37.06 1.50 -0.58	32.98 1.20 -0.08
HARSNRAD_115KV_TB1 81005	34.37 0.82 -0.67	32.04 0.77 -0.51	29.13 0.34 -0.32	27.95 0.11 -0.25	28.97 0.31 -0.31	31.08 0.15 -0.48	40.26 -2.25 -0.80	43.66 -1.85 -1.51	38.16 -1.78 -0.42	30.74 -1.25 -0.03	31.56 -1.07 -0.19	32.90 -1.08 -0.36	36.38 -1.30 -0.66	38.61 -0.96 -1.13	38.21 -1.43 0.00	40.79 -1.19 -0.83	45.54 -2.25 0.00	60.13 -3.91 0.00	65.82 -3.65 -3.15	60.45 -2.83 -2.98	48.01 -2.52 -2.03	38.77 -1.86 -1.03	34.19 -1.43 -0.65	31.75 -0.54 -0.59
HARZA MOOSE___RIVER 24016	34.19 0.89 -0.43	31.94 0.86 -0.33	29.36 0.68 -0.21	28.16 0.41 -0.16	29.03 0.48 -0.20	31.42 0.67 -0.31	43.18 0.96 -0.51	46.20 1.23 -0.96	40.54 0.75 -0.27	32.39 0.42 -0.02	32.75 0.19 -0.12	34.14 0.30 -0.23	37.77 0.33 -0.42	39.39 0.23 -0.72	39.56 -0.08 0.00	41.81 0.12 -0.53	47.93 0.14 0.00	64.54 0.51 0.00	69.25 0.93 -2.01	63.29 1.09 -1.90	50.72 0.92 -1.29	41.04 0.79 -0.66	36.02 0.63 -0.41	32.58 0.51 -0.38
HDSNBRDG_115KV_BRDG_TB1 355580	33.80 -0.10 -1.01	31.44 -0.09 -0.78	28.82 -0.14 -0.49	27.77 -0.19 -0.38	28.62 -0.20 -0.47	30.93 -0.24 -0.73	42.38 -0.54 -1.21	45.85 -0.44 -2.29	39.68 -0.47 -0.64	31.65 -0.35 -0.04	32.40 -0.32 -0.29	33.79 -0.37 -0.55	37.65 -0.37 -1.00	39.85 -0.31 -1.71	39.28 -0.36 0.00	42.08 -0.33 -1.26	47.36 -0.43 0.00	63.39 -0.64 0.00	70.70 -0.40 -4.78	64.52 -0.30 -4.53	51.29 -0.29 -3.07	40.76 -0.40 -1.57	35.65 -0.31 -0.98	32.37 -0.22 -0.90
HELLGATE_13_KV_LD 55870	34.85 1.78 -0.20	32.14 1.35 -0.03	29.69 1.22 0.00	28.78 1.19 0.00	29.45 1.11 0.00	31.60 1.16 0.00	43.96 1.54 -0.70	46.46 1.76 -0.70	41.89 2.17 -0.20	34.84 2.24 -0.65	35.59 2.60 -0.56	37.16 2.69 -0.87	41.19 2.92 -1.25	44.28 3.08 -2.76	45.81 3.37 -2.80	47.57 3.05 -3.37	59.12 3.25 -8.08	74.28 3.52 -6.73	77.44 3.32 -7.80	69.70 2.65 -6.75	56.35 2.09 -5.75	42.68 2.30 -0.79	37.74 2.13 -0.63	33.56 1.78 -0.09
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	34.85 1.78 -0.20	32.14 1.35 -0.03	29.69 1.22 0.00	28.78 1.19 0.00	29.45 1.11 0.00	31.60 1.16 0.00	43.96 1.54 -0.70	46.46 1.76 -0.70	41.89 2.17 -0.20	34.84 2.24 -0.65	35.59 2.60 -0.56	37.16 2.69 -0.87	41.19 2.92 -1.25	44.28 3.08 -2.76	45.81 3.37 -2.80	47.57 3.05 -3.37	59.12 3.25 -8.08	74.28 3.52 -6.73	77.44 3.32 -7.80	69.70 2.65 -6.75	56.35 2.09 -5.75	42.68 2.30 -0.79	37.74 2.13 -0.63	33.56 1.78 -0.09
HEMPSTEAD____ 23647	34.39 1.32 -0.20	31.53 0.74 -0.03	29.09 0.63 0.00	28.20 0.61 0.00	28.86 0.51 0.00	31.09 0.64 0.00	42.59 0.88 0.00	45.06 0.97 -0.09	41.02 1.50 0.00	34.55 1.95 -0.65	35.12 2.11 -0.57	36.67 2.18 -0.87	40.60 2.33 -1.24	42.68 2.46 -1.77	43.75 2.70 -1.41	45.02 2.39 -1.48	52.55 2.72 -2.04	69.10 2.43 -2.64	70.22 2.12 -1.78	63.02 1.63 -1.10	50.55 1.36 -0.69	41.96 1.90 -0.47	37.36 1.75 -0.63	33.30 1.52 -0.09
HICKLING___1 23621	34.59 0.92 -0.79	32.19 0.83 -0.61	29.45 0.60 -0.38	28.30 0.41 -0.29	29.28 0.57 -0.37	31.59 0.58 -0.57	42.40 -0.25 -0.95	45.92 0.13 -1.79	39.86 -0.16 -0.50	32.04 -0.03 -0.12	32.83 0.10 -0.30	34.22 0.07 -0.54	38.04 0.07 -0.94	40.32 0.31 -1.57	39.98 0.16 -0.18	42.61 0.29 -1.18	48.01 -0.05 -0.27	64.12 -0.26 -0.35	70.61 0.33 -3.96	64.39 0.42 -3.67	51.09 0.10 -2.48	40.68 -0.20 -1.28	35.65 -0.17 -0.85	32.47 0.06 -0.71
HICKLING___2 23622	34.59 0.92 -0.79	32.19 0.83 -0.61	29.45 0.60 -0.38	28.30 0.41 -0.29	29.28 0.57 -0.37	31.59 0.58 -0.57	42.40 -0.25 -0.95	45.92 0.13 -1.79	39.86 -0.16 -0.50	32.04 -0.03 -0.12	32.83 0.10 -0.30	34.22 0.07 -0.54	38.04 0.07 -0.94	40.32 0.31 -1.57	39.98 0.16 -0.18	42.61 0.29 -1.18	48.01 -0.05 -0.27	64.12 -0.26 -0.35	70.61 0.33 -3.96	64.39 0.42 -3.67	51.09 0.10 -2.48	40.68 -0.20 -1.28	35.65 -0.17 -0.85	32.47 0.06 -0.71
HIGH FALLS___HY 23754	34.65 1.64 -0.13	32.19 1.41 -0.02	29.72 1.25 0.00	28.78 1.19 0.00	29.48 1.13 0.00	31.66 1.22 0.00	42.65 1.79 0.86	46.17 2.11 -0.06	41.61 2.09 0.00	34.24 1.85 -0.43	34.86 2.04 -0.37	36.33 2.15 -0.57	31.23 2.33 8.12	37.80 2.54 3.18	43.36 2.81 -0.91	44.90 2.80 -0.95	52.46 3.35 -1.33	69.59 3.84 -1.72	71.39 3.91 -1.16	64.33 3.32 -0.72	51.62 2.67 -0.45	42.15 2.26 -0.30	37.24 1.85 -0.41	33.27 1.52 -0.06
HIGH_RIVER___SOLAR 323847	33.80 1.02 0.10	31.60 0.86 0.02	29.29 0.83 0.00	28.36 0.77 0.00	29.14 0.79 0.00	31.30 0.85 0.00	44.79 1.25 -1.83	45.14 1.19 0.05	40.11 0.59 0.00	31.80 0.13 0.28	32.00 -0.19 0.24	32.90 -0.34 0.38	36.11 -0.37 0.54	37.33 -0.35 0.77	38.76 -0.28 0.61	40.55 0.04 0.64	47.47 0.58 0.89	64.54 1.66 1.15	67.80 2.26 0.78	61.87 2.05 0.48	49.86 1.65 0.30	40.70 1.30 0.20	35.79 1.09 0.27	32.61 0.95 0.04
HILLBURN___GT 23639	34.25 1.18 -0.18	31.68 0.89 -0.03	29.29 0.83 0.00	28.39 0.80 0.00	29.08 0.74 0.00	31.21 0.76 0.00	42.92 1.21 0.00	45.50 1.41 -0.09	41.02 1.50 0.00	34.16 1.60 -0.60	34.81 1.85 -0.52	36.36 1.95 -0.80	40.28 2.11 -1.15	42.35 2.27 -1.64	43.48 2.54 -1.30	44.82 2.30 -1.37	52.42 2.72 -1.91	69.64 3.14 -2.47	70.97 2.99 -1.67	63.74 2.41 -1.03	51.04 1.89 -0.64	41.76 1.74 -0.43	37.11 1.54 -0.59	33.05 1.27 -0.08
HILLSIDE_115KV_TB1 80332	34.16 0.49 -0.79	31.79 0.43 -0.60	29.11 0.26 -0.38	27.97 0.08 -0.29	28.92 0.20 -0.37	31.23 0.21 -0.57	41.99 -0.67 -0.94	45.43 -0.35 -1.78	39.50 -0.51 -0.50	31.79 -0.29 -0.12	32.54 -0.19 -0.30	33.95 -0.20 -0.55	37.74 -0.22 -0.94	40.01 0.00 -1.57	39.71 -0.12 -0.19	42.29 -0.04 -1.18	47.68 -0.38 -0.28	63.62 -0.77 -0.36	70.01 -0.27 -3.96	63.79 -0.18 -3.67	50.60 -0.39 -2.48	40.36 -0.51 -1.28	35.34 -0.49 -0.85	32.19 -0.22 -0.71

HISHELDN_WT_PWR 323625	34.54 0.95 -0.70	32.19 0.89 -0.54	29.32 0.51 -0.34	28.13 0.28 -0.26	29.13 0.45 -0.33	31.38 0.43 -0.51	41.01 -1.54 -0.84	44.49 -1.10 -1.59	38.62 -1.34 -0.44	30.99 -0.99 -0.03	31.86 -0.78 -0.20	33.18 -0.81 -0.38	36.75 -0.96 -0.69	38.98 -0.65 -1.19	38.49 -1.15 0.00	40.92 -1.11 -0.88	45.87 -1.91 0.00	61.02 -3.01 0.00	67.05 -2.59 -3.32	61.27 -2.17 -3.14	48.70 -1.94 -2.13	39.10 -1.58 -1.09	34.22 -1.44 -0.68	31.31 -1.02 -0.62
HOLTSVILLE_IC_1 23690	34.36 1.28 -0.20	31.31 0.52 -0.03	28.84 0.37 0.00	27.95 0.36 0.00	28.57 0.23 0.00	30.90 0.46 0.00	42.50 0.79 0.00	45.06 0.97 -0.09	41.10 1.58 0.00	34.71 2.11 -0.65	35.38 2.37 -0.57	36.60 2.12 -0.87	40.59 2.33 -1.24	42.59 2.38 -1.77	43.70 2.66 -1.40	44.89 2.26 -1.47	52.36 2.53 -2.04	68.07 1.41 -2.63	69.15 1.06 -1.78	61.93 0.54 -1.10	49.93 0.73 -0.69	41.88 1.82 -0.46	37.04 1.43 -0.63	33.21 1.43 -0.09
HOLTSVILLE_IC_10 23699	34.52 1.45 -0.20	31.44 0.65 -0.03	28.95 0.48 0.00	28.06 0.47 0.00	28.69 0.34 0.00	31.05 0.61 0.00	42.67 0.96 0.00	45.28 1.19 -0.09	41.30 1.78 0.00	34.87 2.27 -0.65	35.57 2.56 -0.57	36.83 2.35 -0.87	40.81 2.55 -1.24	42.86 2.65 -1.77	43.98 2.93 -1.40	45.22 2.59 -1.47	52.75 2.92 -2.04	68.52 1.86 -2.63	69.62 1.53 -1.78	62.35 0.96 -1.10	50.31 1.12 -0.69	42.15 2.10 -0.46	37.25 1.64 -0.63	33.40 1.62 -0.09
HOLTSVILLE_IC_2 23691	34.36 1.28 -0.20	31.31 0.52 -0.03	28.84 0.37 0.00	27.95 0.36 0.00	28.57 0.23 0.00	30.90 0.46 0.00	42.50 0.79 0.00	45.06 0.97 -0.09	41.10 1.58 0.00	34.71 2.11 -0.65	35.38 2.37 -0.57	36.60 2.12 -0.87	40.59 2.33 -1.24	42.59 2.38 -1.77	43.70 2.66 -1.40	44.89 2.26 -1.47	52.36 2.53 -2.04	68.07 1.41 -2.63	69.15 1.06 -1.78	61.93 0.54 -1.10	49.93 0.73 -0.69	41.88 1.82 -0.46	37.04 1.43 -0.63	33.21 1.43 -0.09
HOLTSVILLE_IC_3 23692	34.36 1.28 -0.20	31.31 0.52 -0.03	28.84 0.37 0.00	27.95 0.36 0.00	28.57 0.23 0.00	30.90 0.46 0.00	42.50 0.79 0.00	45.06 0.97 -0.09	41.10 1.58 0.00	34.71 2.11 -0.65	35.38 2.37 -0.57	36.60 2.12 -0.87	40.59 2.33 -1.24	42.59 2.38 -1.77	43.70 2.66 -1.40	44.89 2.26 -1.47	52.36 2.53 -2.04	68.07 1.41 -2.63	69.15 1.06 -1.78	61.93 0.54 -1.10	49.93 0.73 -0.69	41.88 1.82 -0.46	37.04 1.43 -0.63	33.21 1.43 -0.09
HOLTSVILLE_IC_4 23693	34.36 1.28 -0.20	31.31 0.52 -0.03	28.84 0.37 0.00	27.95 0.36 0.00	28.57 0.23 0.00	30.90 0.46 0.00	42.50 0.79 0.00	45.06 0.97 -0.09	41.10 1.58 0.00	34.71 2.11 -0.65	35.38 2.37 -0.57	36.60 2.12 -0.87	40.59 2.33 -1.24	42.59 2.38 -1.77	43.70 2.66 -1.40	44.89 2.26 -1.47	52.36 2.53 -2.04	68.07 1.41 -2.63	69.15 1.06 -1.78	61.93 0.54 -1.10	49.93 0.73 -0.69	41.88 1.82 -0.46	37.04 1.43 -0.63	33.21 1.43 -0.09
HOLTSVILLE_IC_5 23694	34.36 1.28 -0.20	31.31 0.52 -0.03	28.84 0.37 0.00	27.95 0.36 0.00	28.57 0.23 0.00	30.90 0.46 0.00	42.50 0.79 0.00	45.06 0.97 -0.09	41.10 1.58 0.00	34.71 2.11 -0.65	35.38 2.37 -0.57	36.60 2.12 -0.87	40.59 2.33 -1.24	42.59 2.38 -1.77	43.70 2.66 -1.40	44.89 2.26 -1.47	52.36 2.53 -2.04	68.07 1.41 -2.63	69.15 1.06 -1.78	61.93 0.54 -1.10	49.93 0.73 -0.69	41.88 1.82 -0.46	37.04 1.43 -0.63	33.21 1.43 -0.09
HOLTSVILLE_IC_6 23695	34.52 1.45 -0.20	31.44 0.65 -0.03	28.95 0.48 0.00	28.06 0.47 0.00	28.69 0.34 0.00	31.05 0.61 0.00	42.67 0.96 0.00	45.28 1.19 -0.09	41.30 1.78 0.00	34.87 2.27 -0.65	35.57 2.56 -0.57	36.83 2.35 -0.87	40.81 2.55 -1.24	42.86 2.65 -1.77	43.98 2.93 -1.40	45.22 2.59 -1.47	52.75 2.92 -2.04	68.52 1.86 -2.63	69.62 1.53 -1.78	62.35 0.96 -1.10	50.31 1.12 -0.69	42.15 2.10 -0.46	37.25 1.64 -0.63	33.40 1.62 -0.09
HOLTSVILLE_IC_7 23696	34.52 1.45 -0.20	31.44 0.65 -0.03	28.95 0.48 0.00	28.06 0.47 0.00	28.69 0.34 0.00	31.05 0.61 0.00	42.67 0.96 0.00	45.28 1.19 -0.09	41.30 1.78 0.00	34.87 2.27 -0.65	35.57 2.56 -0.57	36.83 2.35 -0.87	40.81 2.55 -1.24	42.86 2.65 -1.77	43.98 2.93 -1.40	45.22 2.59 -1.47	52.75 2.92 -2.04	68.52 1.86 -2.63	69.62 1.53 -1.78	62.35 0.96 -1.10	50.31 1.12 -0.69	42.15 2.10 -0.46	37.25 1.64 -0.63	33.40 1.62 -0.09
HOLTSVILLE_IC_8 23697	34.52 1.45 -0.20	31.44 0.65 -0.03	28.95 0.48 0.00	28.06 0.47 0.00	28.69 0.34 0.00	31.05 0.61 0.00	42.67 0.96 0.00	45.28 1.19 -0.09	41.30 1.78 0.00	34.87 2.27 -0.65	35.57 2.56 -0.57	36.83 2.35 -0.87	40.81 2.55 -1.24	42.86 2.65 -1.77	43.98 2.93 -1.40	45.22 2.59 -1.47	52.75 2.92 -2.04	68.52 1.86 -2.63	69.62 1.53 -1.78	62.35 0.96 -1.10	50.31 1.12 -0.69	42.15 2.10 -0.46	37.25 1.64 -0.63	33.40 1.62 -0.09
HOLTSVILLE_IC_9 23698	34.52 1.45 -0.20	31.44 0.65 -0.03	28.95 0.48 0.00	28.06 0.47 0.00	28.69 0.34 0.00	31.05 0.61 0.00	42.67 0.96 0.00	45.28 1.19 -0.09	41.30 1.78 0.00	34.87 2.27 -0.65	35.57 2.56 -0.57	36.83 2.35 -0.87	40.81 2.55 -1.24	42.86 2.65 -1.77	43.98 2.93 -1.40	45.22 2.59 -1.47	52.75 2.92 -2.04	68.52 1.86 -2.63	69.62 1.53 -1.78	62.35 0.96 -1.10	50.31 1.12 -0.69	42.15 2.10 -0.46	37.25 1.64 -0.63	33.40 1.62 -0.09
HOMER_HL_115KV_TB2 355744	34.22 0.66 -0.69	31.87 0.58 -0.53	29.08 0.28 -0.33	27.85 0.00 -0.26	28.92 0.26 -0.32	31.21 0.27 -0.50	41.15 -1.38 -0.82	44.85 -0.70 -1.55	39.04 -0.91 -0.43	31.50 -0.48 -0.03	32.34 -0.29 -0.19	33.71 -0.27 -0.37	37.33 -0.37 -0.68	39.64 0.04 -1.16	39.36 -0.28 0.00	41.96 -0.04 -0.85	47.17 -0.62 0.00	62.43 -1.60 0.00	68.42 -1.13 -3.23	62.46 -0.90 -3.06	49.33 -1.26 -2.08	39.43 -1.23 -1.06	34.52 -1.12 -0.66	31.67 -0.63 -0.61
HOWARD_WT_PWR 323690	35.08 1.41 -0.79	32.65 1.29 -0.60	29.79 0.94 -0.38	28.57 0.69 -0.29	29.57 0.85 -0.37	31.93 0.91 -0.57	42.36 -0.29 -0.94	45.91 0.13 -1.78	39.66 -0.36 -0.50	31.64 -0.35 -0.03	32.44 -0.23 -0.22	33.80 -0.23 -0.43	37.46 -0.33 -0.77	39.62 -0.15 -1.33	39.09 -0.56 0.00	41.47 -0.66 -0.98	46.54 -1.24 0.00	62.24 -1.79 0.00	69.10 -0.93 -3.71	63.02 -0.79 -3.51	49.92 -0.97 -2.38	39.70 -1.11 -1.21	34.66 -1.08 -0.76	31.54 -0.85 -0.70
HQ_GEN_CEDARS 23644	33.31 0.43 0.00	31.25 0.49 0.00	28.92 0.46 0.00	28.12 0.52 0.00	28.97 0.62 0.00	31.27 0.82 0.00	43.04 1.33 0.00	45.28 1.28 0.00	40.62 1.11 0.00	32.66 0.70 0.00	33.09 0.65 0.00	34.35 0.74 0.00	37.87 0.85 0.00	38.98 0.54 0.00	40.20 0.55 0.00	41.65 0.49 0.00	48.46 0.67 0.00	65.12 1.09 0.00	67.44 1.13 0.00	61.56 1.27 0.00	49.43 0.92 0.00	40.43 0.83 0.00	35.71 0.73 0.00	32.30 0.60 0.00
HQ_GEN_CEDARS_PROXY 323590	33.31 0.43 0.00	31.25 0.49 0.00	28.92 0.45 0.00	28.11 0.52 0.00	28.97 0.62 0.00	31.27 0.82 0.00	43.00 1.29 0.00	45.28 1.28 0.00	40.66 1.15 0.00	32.66 0.70 0.00	33.09 0.65 0.00	34.35 0.74 0.00	37.87 0.85 0.00	38.98 0.54 0.00	40.20 0.55 0.00	41.73 0.58 0.00	48.46 0.67 0.00	65.12 1.09 0.00	67.44 1.13 0.00	61.56 1.27 0.00	49.48 0.97 0.00	40.43 0.83 0.00	35.72 0.74 0.00	32.30 0.60 0.00

HQ_GEN_IMPORT 323601	32.98 0.10 0.00	30.88 0.12 0.00	28.61 0.14 0.00	27.76 0.17 0.00	28.55 0.20 0.00	30.72 0.27 0.00	42.13 0.42 0.00	44.44 0.44 0.00	39.95 0.44 0.00	32.24 0.29 0.00	32.70 0.26 0.00	33.88 0.27 0.00	37.32 0.29 0.00	38.68 0.23 0.00	39.88 0.24 0.00	41.40 0.25 0.00	48.03 0.24 0.00	64.42 0.39 0.00	66.72 0.40 0.00	60.72 0.43 0.00	48.80 0.29 0.00	39.87 0.28 0.00	35.19 0.21 0.00	31.89 0.19 0.00
HQ_GEN_WHEEL 23651	32.98 0.10 0.00	30.88 0.12 0.00	28.61 0.14 0.00	27.76 0.17 0.00	28.55 0.20 0.00	30.72 0.27 0.00	42.13 0.42 0.00	44.44 0.44 0.00	39.95 0.44 0.00	32.24 0.29 0.00	32.70 0.26 0.00	33.88 0.27 0.00	37.32 0.29 0.00	38.68 0.23 0.00	39.88 0.24 0.00	41.40 0.25 0.00	48.03 0.24 0.00	64.42 0.39 0.00	66.72 0.40 0.00	60.72 0.43 0.00	48.80 0.29 0.00	39.87 0.28 0.00	35.19 0.21 0.00	31.89 0.19 0.00
HUDSON AVE_GT_3 23810	34.59 1.51 -0.20	31.93 1.14 -0.03	29.49 1.02 0.00	28.58 0.99 0.00	29.26 0.91 0.00	31.42 0.97 0.00	43.21 1.50 0.00	45.81 1.72 -0.09	41.53 2.02 0.00	34.65 2.05 -0.65	35.37 2.37 -0.56	36.96 2.49 -0.87	40.92 2.67 -1.23	43.04 2.84 -1.76	44.17 3.13 -1.40	45.54 2.92 -1.47	53.08 3.25 -2.04	70.32 3.65 -2.64	71.55 3.45 -1.78	64.17 2.77 -1.10	51.43 2.23 -0.69	42.19 2.14 -0.46	37.57 1.96 -0.63	33.34 1.55 -0.09
HUDSON AVE_GT_4 23540	34.59 1.51 -0.20	31.93 1.14 -0.03	29.49 1.02 0.00	28.58 0.99 0.00	29.26 0.91 0.00	31.42 0.97 0.00	43.21 1.50 0.00	45.81 1.72 -0.09	41.53 2.02 0.00	34.65 2.05 -0.65	35.37 2.37 -0.56	36.96 2.49 -0.87	40.92 2.67 -1.23	43.04 2.84 -1.76	44.17 3.13 -1.40	45.54 2.92 -1.47	53.08 3.25 -2.04	70.32 3.65 -2.64	71.55 3.45 -1.78	64.17 2.77 -1.10	51.43 2.23 -0.69	42.19 2.14 -0.46	37.57 1.96 -0.63	33.34 1.55 -0.09
HUDSON AVE_GT_5 23657	34.59 1.51 -0.20	31.93 1.14 -0.03	29.49 1.02 0.00	28.58 0.99 0.00	29.26 0.91 0.00	31.42 0.97 0.00	43.21 1.50 0.00	45.81 1.72 -0.09	41.53 2.02 0.00	34.65 2.05 -0.65	35.37 2.37 -0.56	36.96 2.49 -0.87	40.92 2.67 -1.23	43.04 2.84 -1.76	44.17 3.13 -1.40	45.54 2.92 -1.47	53.08 3.25 -2.04	70.32 3.65 -2.64	71.55 3.45 -1.78	64.17 2.77 -1.10	51.43 2.23 -0.69	42.19 2.14 -0.46	37.57 1.96 -0.63	33.34 1.55 -0.09
HUDSON_AVE_10 24168	34.52 1.45 -0.20	31.87 1.08 -0.03	29.43 0.97 0.00	28.53 0.94 0.00	29.20 0.85 0.00	31.36 0.91 0.00	43.24 1.46 -0.07	45.78 1.63 -0.16	41.51 1.98 -0.02	34.65 2.05 -0.65	35.34 2.34 -0.56	36.93 2.45 -0.87	40.84 2.59 -1.23	43.07 2.77 -1.86	44.27 3.09 -1.54	45.65 2.84 -1.66	53.64 3.20 -2.65	70.67 3.59 -3.05	72.09 3.38 -2.39	64.62 2.65 -1.67	51.89 2.18 -1.20	42.14 2.06 -0.49	37.53 1.92 -0.63	33.30 1.52 -0.09
HUDSON___115KV_TB 4 355613	33.20 0.39 0.08	31.02 0.28 0.01	28.67 0.20 0.00	27.87 0.28 0.00	28.52 0.17 0.00	30.63 0.18 0.00	36.43 0.71 5.99	44.45 0.48 0.04	39.99 0.47 0.00	32.17 0.35 0.14	32.48 0.16 0.12	33.49 0.07 0.18	-8.69 0.11 45.82	16.08 0.19 22.56	39.13 0.04 0.55	40.78 0.21 0.58	47.50 0.53 0.81	63.88 0.90 1.05	66.74 1.13 0.71	60.76 0.90 0.44	49.06 0.82 0.27	40.01 0.59 0.18	35.36 0.63 0.25	32.20 0.54 0.03
HUNTER MOUNT___DRP 323613	33.36 0.53 0.04	31.15 0.40 0.01	28.67 0.20 0.00	27.87 0.28 0.00	28.52 0.17 0.00	30.63 0.18 0.00	37.75 0.88 4.83	44.64 0.66 0.02	39.76 0.24 0.00	32.09 0.22 0.09	32.36 0.00 0.08	33.42 -0.07 0.12	-10.15 -0.07 47.10	15.35 0.00 23.09	39.28 -0.04 0.32	40.98 0.16 0.33	47.89 0.57 0.47	64.52 1.09 0.60	67.30 1.39 0.41	61.25 1.21 0.25	49.42 1.07 0.16	40.20 0.71 0.10	35.61 0.77 0.14	32.31 0.63 0.02
HUNTINGTON_RES_REC 323705	34.26 1.18 -0.20	31.25 0.46 -0.03	28.81 0.34 0.00	27.92 0.33 0.00	28.55 0.20 0.00	30.87 0.43 0.00	42.37 0.67 0.00	44.71 0.62 -0.09	40.98 1.46 0.00	34.58 1.98 -0.65	35.18 2.17 -0.57	36.60 2.12 -0.87	40.52 2.26 -1.24	42.36 2.15 -1.77	43.46 2.42 -1.40	44.72 2.10 -1.47	52.22 2.39 -2.04	68.14 1.47 -2.63	69.29 1.19 -1.78	62.12 0.73 -1.09	49.97 0.77 -0.69	41.72 1.66 -0.46	37.18 1.58 -0.63	33.21 1.43 -0.09
HUNTLEY___63 23557	34.77 1.22 -0.67	32.38 1.11 -0.51	29.48 0.68 -0.32	28.25 0.41 -0.25	29.29 0.62 -0.31	31.45 0.52 -0.48	40.47 -2.04 -0.80	43.93 -1.58 -1.51	38.44 -1.50 -0.42	30.96 -1.02 -0.03	31.82 -0.81 -0.19	33.13 -0.84 -0.36	36.64 -1.04 -0.66	38.92 -0.65 -1.13	38.53 -1.11 0.00	41.08 -0.91 -0.83	45.92 -1.86 0.00	60.57 -3.46 0.00	66.35 -3.12 -3.15	60.87 -2.41 -2.99	48.30 -2.23 -2.03	38.96 -1.66 -1.03	34.40 -1.22 -0.65	32.10 -0.19 -0.59
HUNTLEY___64 23558	34.77 1.22 -0.67	32.38 1.11 -0.51	29.48 0.68 -0.32	28.25 0.41 -0.25	29.29 0.62 -0.31	31.45 0.52 -0.48	40.47 -2.04 -0.80	43.93 -1.58 -1.51	38.44 -1.50 -0.42	30.96 -1.02 -0.03	31.82 -0.81 -0.19	33.13 -0.84 -0.36	36.64 -1.04 -0.66	38.92 -0.65 -1.13	38.53 -1.11 0.00	41.08 -0.91 -0.83	45.92 -1.86 0.00	60.57 -3.46 0.00	66.35 -3.12 -3.15	60.87 -2.41 -2.99	48.30 -2.23 -2.03	38.96 -1.66 -1.03	34.40 -1.22 -0.65	32.10 -0.19 -0.59
HUNTLEY___65 23559	34.77 1.22 -0.67	32.38 1.11 -0.51	29.48 0.68 -0.32	28.25 0.41 -0.25	29.29 0.62 -0.31	31.45 0.52 -0.48	40.47 -2.04 -0.80	43.93 -1.58 -1.51	38.44 -1.50 -0.42	30.96 -1.02 -0.03	31.82 -0.81 -0.19	33.13 -0.84 -0.36	36.64 -1.04 -0.66	38.92 -0.65 -1.13	38.53 -1.11 0.00	41.08 -0.91 -0.83	45.92 -1.86 0.00	60.57 -3.46 0.00	66.35 -3.12 -3.15	60.87 -2.41 -2.99	48.30 -2.23 -2.03	38.96 -1.66 -1.03	34.40 -1.22 -0.65	32.10 -0.19 -0.59
HUNTLEY___66 23560	34.77 1.22 -0.67	32.38 1.11 -0.51	29.48 0.68 -0.32	28.25 0.41 -0.25	29.29 0.62 -0.31	31.45 0.52 -0.48	40.47 -2.04 -0.80	43.93 -1.58 -1.51	38.44 -1.50 -0.42	30.96 -1.02 -0.03	31.82 -0.81 -0.19	33.13 -0.84 -0.36	36.64 -1.04 -0.66	38.92 -0.65 -1.13	38.53 -1.11 0.00	41.08 -0.91 -0.83	45.92 -1.86 0.00	60.57 -3.46 0.00	66.35 -3.12 -3.15	60.87 -2.41 -2.99	48.30 -2.23 -2.03	38.96 -1.66 -1.03	34.40 -1.22 -0.65	32.10 -0.19 -0.59
HUNTLEY___67 23561	34.44 0.89 -0.67	32.10 0.83 -0.51	29.19 0.40 -0.32	27.98 0.14 -0.25	29.03 0.37 -0.31	31.17 0.24 -0.48	40.38 -2.13 -0.80	43.84 -1.67 -1.51	38.32 -1.62 -0.42	30.90 -1.09 -0.03	31.72 -0.91 -0.19	33.06 -0.91 -0.36	36.57 -1.11 -0.66	38.80 -0.77 -1.13	38.41 -1.23 0.00	40.99 -0.99 -0.83	45.78 -2.01 0.00	60.45 -3.59 0.00	66.22 -3.25 -3.15	60.69 -2.59 -2.98	48.20 -2.33 -2.02	38.88 -1.74 -1.03	34.30 -1.33 -0.65	31.81 -0.48 -0.59
HUNTLEY___68 23562	34.44 0.89 -0.67	32.10 0.83 -0.51	29.19 0.40 -0.32	27.98 0.14 -0.25	29.03 0.37 -0.31	31.17 0.24 -0.48	40.38 -2.13 -0.80	43.84 -1.67 -1.51	38.32 -1.62 -0.42	30.90 -1.09 -0.03	31.72 -0.91 -0.19	33.06 -0.91 -0.36	36.57 -1.11 -0.66	38.80 -0.77 -1.13	38.41 -1.23 0.00	40.99 -0.99 -0.83	45.78 -2.01 0.00	60.45 -3.59 0.00	66.22 -3.25 -3.15	60.69 -2.59 -2.98	48.20 -2.33 -2.02	38.88 -1.74 -1.03	34.30 -1.33 -0.65	31.81 -0.48 -0.59

HYLAND___LFGE 323620	35.87 2.27 -0.72	33.49 2.18 -0.55	30.53 1.71 -0.35	29.38 1.52 -0.27	30.36 1.67 -0.34	32.73 1.77 -0.52	43.74 1.17 -0.87	47.44 1.80 -1.63	40.69 0.71 -0.46	32.21 0.23 -0.03	32.90 0.26 -0.20	34.10 0.10 -0.39	37.73 0.00 -0.71	39.97 0.31 -1.22	39.76 0.12 0.00	42.46 0.41 -0.90	48.17 0.38 0.00	64.93 0.90 0.00	71.91 2.19 -3.41	66.18 2.65 -3.23	52.25 1.55 -2.19	41.58 0.87 -1.12	36.31 0.63 -0.70	32.84 0.51 -0.64
INDECK___CORINTH 23802	33.40 0.66 0.14	31.19 0.46 0.02	28.92 0.45 0.00	28.06 0.47 0.00	28.77 0.43 0.00	30.93 0.49 0.00	47.36 0.79 -4.86	44.68 0.75 0.07	40.03 0.51 0.00	31.75 0.19 0.40	31.93 -0.16 0.35	32.84 -0.23 0.53	35.89 -0.37 0.76	36.97 -0.38 1.09	38.46 -0.32 0.86	40.21 -0.04 0.90	46.91 0.38 1.26	63.61 1.21 1.63	66.87 1.66 1.10	61.00 1.39 0.68	49.15 1.07 0.43	40.10 0.79 0.28	35.19 0.59 0.39	32.22 0.57 0.05
INDECK___ILION 23567	33.01 0.13 0.00	30.85 0.09 0.00	28.55 0.09 0.00	27.65 0.06 0.00	28.41 0.06 0.00	30.51 0.06 0.00	41.79 0.08 0.00	44.13 0.13 0.00	39.60 0.08 0.00	32.02 0.06 0.00	32.47 0.03 0.00	33.68 0.07 0.00	37.10 0.07 0.00	38.52 0.08 0.00	39.72 0.08 0.00	41.28 0.12 0.00	47.93 0.14 0.00	64.22 0.19 0.00	66.52 0.20 0.00	60.48 0.18 0.00	48.65 0.15 0.00	39.75 0.16 0.00	35.08 0.10 0.00	31.76 0.06 0.00
INDECK___OLEAN 23982	34.22 0.66 -0.69	31.86 0.58 -0.53	29.08 0.28 -0.33	27.85 0.00 -0.26	28.92 0.25 -0.32	31.21 0.27 -0.50	41.11 -1.42 -0.82	44.85 -0.71 -1.55	38.89 -1.07 -0.43	31.44 -0.54 -0.03	32.34 -0.29 -0.19	33.71 -0.27 -0.37	37.33 -0.37 -0.68	39.64 0.04 -1.16	39.37 -0.28 0.00	41.80 -0.20 -0.85	47.16 -0.62 0.00	62.49 -1.54 0.00	68.43 -1.13 -3.24	62.28 -1.08 -3.07	49.33 -1.26 -2.08	39.43 -1.23 -1.06	34.31 -1.33 -0.66	31.23 -1.08 -0.61
INDECK___OSWEGO 23783	35.19 -0.49 -2.81	32.45 -0.46 -2.15	29.34 -0.48 -1.36	28.11 -0.53 -1.04	29.15 -0.51 -1.31	31.92 -0.55 -2.02	44.23 -0.83 -3.36	49.55 -0.79 -6.34	40.46 -0.83 -1.77	31.40 -0.67 -0.12	32.55 -0.68 -0.80	34.39 -0.74 -1.53	39.01 -0.78 -2.76	42.41 -0.77 -4.73	38.81 -0.83 0.00	43.77 -0.87 -3.49	46.78 -1.01 0.00	62.75 -1.28 0.00	78.40 -1.13 -13.21	71.85 -0.97 -12.52	56.22 -0.78 -8.50	43.17 -0.75 -4.33	37.02 -0.67 -2.71	33.55 -0.63 -2.48
INDECK___YERKES 23781	34.80 1.25 -0.67	32.41 1.14 -0.51	29.50 0.71 -0.32	28.25 0.41 -0.25	29.31 0.65 -0.31	31.48 0.55 -0.48	40.51 -2.00 -0.80	43.97 -1.54 -1.51	38.40 -1.54 -0.42	30.96 -1.02 -0.03	31.85 -0.78 -0.19	33.17 -0.81 -0.36	36.68 -1.00 -0.66	38.96 -0.62 -1.13	38.53 -1.11 0.00	41.00 -0.99 -0.83	45.97 -1.82 0.00	60.70 -3.33 0.00	66.43 -3.05 -3.16	60.70 -2.59 -2.99	48.36 -2.18 -2.03	38.97 -1.66 -1.04	34.26 -1.36 -0.65	31.59 -0.70 -0.59
INDIAN POINT_GT_1 24139	34.23 1.15 -0.19	31.68 0.89 -0.03	29.29 0.83 0.00	28.39 0.80 0.00	29.06 0.71 0.00	31.21 0.76 0.00	42.92 1.21 0.00	45.41 1.32 -0.09	41.06 1.54 0.00	34.16 1.57 -0.64	34.84 1.85 -0.55	36.37 1.92 -0.85	40.31 2.07 -1.21	42.41 2.23 -1.73	43.52 2.50 -1.38	44.90 2.30 -1.45	52.48 2.68 -2.02	69.58 2.95 -2.61	70.93 2.85 -1.76	63.62 2.23 -1.09	51.03 1.84 -0.68	41.75 1.70 -0.45	37.14 1.54 -0.62	33.02 1.24 -0.08
INDIAN POINT_GT_2 23659	34.23 1.15 -0.19	31.68 0.89 -0.03	29.29 0.83 0.00	28.39 0.80 0.00	29.06 0.71 0.00	31.21 0.76 0.00	42.92 1.21 0.00	45.41 1.32 -0.09	41.06 1.54 0.00	34.16 1.57 -0.64	34.84 1.85 -0.55	36.37 1.92 -0.85	40.31 2.07 -1.21	42.41 2.23 -1.73	43.52 2.50 -1.38	44.90 2.30 -1.45	52.48 2.68 -2.02	69.58 2.95 -2.61	70.93 2.85 -1.76	63.62 2.23 -1.09	51.03 1.84 -0.68	41.75 1.70 -0.45	37.14 1.54 -0.62	33.02 1.24 -0.08
INDIAN POINT_GT_3 24019	34.23 1.15 -0.19	31.68 0.89 -0.03	29.29 0.83 0.00	28.39 0.80 0.00	29.06 0.71 0.00	31.21 0.76 0.00	42.92 1.21 0.00	45.41 1.32 -0.09	41.06 1.54 0.00	34.16 1.57 -0.64	34.84 1.85 -0.55	36.37 1.92 -0.85	40.31 2.07 -1.21	42.41 2.23 -1.73	43.52 2.50 -1.38	44.90 2.30 -1.45	52.48 2.68 -2.02	69.58 2.95 -2.61	70.93 2.85 -1.76	63.62 2.23 -1.09	51.03 1.84 -0.68	41.75 1.70 -0.45	37.14 1.54 -0.62	33.02 1.24 -0.08
INDIAN POINT___2 23530	34.22 1.15 -0.19	31.65 0.86 -0.03	29.26 0.80 0.00	28.36 0.77 0.00	29.06 0.71 0.00	31.15 0.70 0.00	42.83 1.13 0.00	45.37 1.28 -0.09	40.94 1.42 0.00	34.15 1.57 -0.63	34.80 1.82 -0.54	36.35 1.91 -0.83	40.28 2.07 -1.19	42.33 2.19 -1.70	43.45 2.46 -1.35	44.79 2.22 -1.42	52.39 2.63 -1.98	69.53 2.95 -2.55	70.83 2.78 -1.73	63.60 2.23 -1.07	50.92 1.74 -0.67	41.70 1.66 -0.44	37.09 1.50 -0.61	33.05 1.27 -0.08
INDIAN POINT___3 23531	34.19 1.12 -0.19	31.65 0.86 -0.03	29.26 0.80 0.00	28.36 0.77 0.00	29.06 0.71 0.00	31.18 0.73 0.00	42.83 1.13 0.00	45.37 1.28 -0.09	41.02 1.50 0.00	34.13 1.53 -0.64	34.78 1.78 -0.55	36.34 1.88 -0.85	40.27 2.04 -1.22	42.37 2.19 -1.74	43.44 2.42 -1.38	44.86 2.26 -1.45	52.39 2.58 -2.02	69.52 2.88 -2.61	70.80 2.72 -1.76	63.56 2.17 -1.09	50.93 1.75 -0.68	41.71 1.66 -0.45	37.11 1.50 -0.62	32.99 1.20 -0.08
INGHAM_C_115KV_TB7 356103	32.65 -0.23 0.00	30.57 -0.18 0.00	28.27 -0.20 0.00	27.26 -0.33 0.00	28.07 -0.28 0.00	30.23 -0.21 0.00	41.42 -0.29 0.00	43.78 -0.22 0.00	39.16 -0.36 0.00	31.63 -0.32 0.00	32.08 -0.36 0.00	33.34 -0.27 0.00	36.69 -0.33 0.00	38.06 -0.38 0.00	39.09 -0.55 0.00	40.66 -0.49 0.00	46.93 -0.86 0.00	62.75 -1.28 0.00	64.79 -1.53 0.00	58.85 -1.45 0.00	47.44 -1.07 0.00	38.96 -0.63 0.00	34.35 -0.63 0.00	31.10 -0.60 0.00
IP CORINTH___1 23988	33.56 0.82 0.14	31.35 0.62 0.02	29.09 0.63 0.00	28.20 0.61 0.00	28.94 0.60 0.00	31.12 0.67 0.00	47.65 1.08 -4.86	44.94 1.01 0.07	40.23 0.71 0.00	31.90 0.35 0.40	32.12 0.03 0.35	33.01 -0.07 0.53	36.11 -0.15 0.76	37.20 -0.15 1.09	38.70 -0.08 0.86	40.49 0.25 0.90	47.19 0.67 1.26	63.94 1.54 1.63	67.20 1.99 1.10	61.36 1.75 0.68	49.44 1.36 0.43	40.34 1.03 0.28	35.36 0.77 0.39	32.41 0.76 0.05
IP___TICONDEROGA 23804	34.87 2.14 0.14	32.51 1.78 0.03	30.15 1.68 0.00	29.19 1.60 0.00	30.02 1.67 0.00	32.33 1.89 0.00	49.75 2.84 -5.20	46.84 2.90 0.07	41.65 2.13 0.00	32.76 1.21 0.41	32.80 0.71 0.36	33.67 0.60 0.55	36.83 0.59 0.78	37.90 0.58 1.12	39.43 0.67 0.89	41.54 1.32 0.93	48.64 2.15 1.30	66.45 4.10 1.68	70.29 5.11 1.13	64.18 4.58 0.70	51.66 3.59 0.44	41.92 2.61 0.29	36.71 2.13 0.40	33.51 1.87 0.05
ISLIP_RES_REC 323679	34.69 1.61 -0.20	31.56 0.77 -0.03	29.04 0.57 0.00	28.17 0.58 0.00	28.80 0.45 0.00	31.17 0.73 0.00	42.87 1.17 0.00	45.50 1.41 -0.09	41.53 2.01 0.00	35.06 2.46 -0.65	35.76 2.76 -0.57	37.03 2.55 -0.87	41.07 2.81 -1.24	43.13 2.92 -1.77	44.30 3.25 -1.40	45.51 2.88 -1.47	53.08 3.25 -2.04	68.97 2.30 -2.63	70.08 1.99 -1.78	62.78 1.39 -1.10	50.60 1.41 -0.69	42.39 2.34 -0.46	37.43 1.82 -0.63	33.56 1.77 -0.09

JAMAICA__27_KV_LOAD 355505	34.75 1.68 -0.20	32.05 1.26 -0.03	29.58 1.11 0.00	28.67 1.08 0.00	29.34 0.99 0.00	31.54 1.10 0.00	43.49 1.71 -0.07	46.14 1.98 -0.16	41.79 2.25 -0.02	34.93 2.33 -0.65	35.56 2.56 -0.56	37.20 2.72 -0.87	41.07 2.81 -1.23	43.30 3.00 -1.86	44.60 3.41 -1.55	45.95 3.13 -1.67	54.06 3.58 -2.69	71.27 4.16 -3.08	72.72 3.98 -2.42	65.20 3.20 -1.70	52.31 2.57 -1.23	42.42 2.34 -0.49	37.85 2.24 -0.63	33.53 1.74 -0.09
JANIS__SOLAR 323808	35.22 1.48 -0.86	32.83 1.42 -0.66	30.08 1.20 -0.42	28.82 0.91 -0.32	29.80 1.05 -0.40	32.32 1.25 -0.62	44.16 1.42 -1.03	47.75 1.80 -1.95	41.09 1.03 -0.54	32.62 0.54 -0.12	33.05 0.29 -0.32	34.50 0.30 -0.59	38.41 0.37 -1.02	40.60 0.46 -1.70	40.19 0.36 -0.19	43.12 0.70 -1.27	49.02 0.96 -0.28	66.18 1.79 -0.36	73.34 2.72 -4.31	66.95 2.65 -4.00	53.34 2.13 -2.71	42.49 1.50 -1.39	36.98 1.09 -0.92	33.36 0.89 -0.77
JARVIS____ 23743	32.95 0.07 0.00	30.79 0.03 0.00	28.50 0.03 0.00	27.59 0.00 0.00	28.35 0.00 0.00	30.41 -0.03 0.00	41.71 0.00 0.00	44.00 0.00 0.00	39.52 0.00 0.00	31.95 0.00 0.00	32.44 0.00 0.00	33.61 0.00 0.00	37.02 0.00 0.00	38.48 0.04 0.00	39.64 0.00 0.00	41.15 0.00 0.00	47.84 0.05 0.00	64.10 0.06 0.00	66.32 0.00 0.00	60.30 0.00 0.00	48.56 0.05 0.00	39.63 0.04 0.00	35.01 0.04 0.00	31.73 0.03 0.00
JENNISON____1 23625	35.18 1.61 -0.69	32.80 1.54 -0.51	30.12 1.34 -0.32	28.83 0.99 -0.24	29.82 1.16 -0.31	32.26 1.34 -0.47	43.99 1.50 -0.78	47.48 1.98 -1.49	41.24 1.30 -0.41	33.02 0.93 -0.13	33.46 0.75 -0.28	35.01 0.91 -0.50	38.87 1.00 -0.85	40.95 1.11 -1.39	40.82 0.95 -0.23	43.48 1.28 -1.06	49.56 1.43 -0.34	66.64 2.18 -0.44	72.48 2.79 -3.38	66.11 2.71 -3.10	52.83 2.23 -2.10	42.38 1.70 -1.09	36.98 1.26 -0.74	33.40 1.11 -0.59
JENNISON____2 23626	35.18 1.61 -0.69	32.80 1.54 -0.51	30.12 1.34 -0.32	28.83 0.99 -0.24	29.82 1.16 -0.31	32.26 1.34 -0.47	43.99 1.50 -0.78	47.48 1.98 -1.49	41.24 1.30 -0.41	33.02 0.93 -0.13	33.46 0.75 -0.28	35.01 0.91 -0.50	38.87 1.00 -0.85	40.95 1.11 -1.39	40.82 0.95 -0.23	43.48 1.28 -1.06	49.56 1.43 -0.34	66.64 2.18 -0.44	72.48 2.79 -3.38	66.11 2.71 -3.10	52.83 2.23 -2.10	42.38 1.70 -1.09	36.98 1.26 -0.74	33.40 1.11 -0.59
JERICOHO_RISE_WT_PWR 323719	32.65 -0.23 0.00	30.85 0.09 0.00	28.81 0.34 0.00	28.25 0.66 0.00	29.31 0.96 0.00	31.78 1.34 0.00	43.92 2.21 0.00	46.24 2.24 0.00	41.49 1.98 0.00	33.26 1.31 0.00	33.64 1.20 0.00	34.89 1.28 0.00	38.43 1.41 0.00	39.44 1.00 0.00	40.71 1.07 0.00	42.18 1.03 0.00	49.17 1.39 0.00	66.27 2.24 0.00	68.50 2.19 0.00	62.41 2.11 0.00	49.96 1.45 0.00	40.70 1.11 0.00	35.89 0.91 0.00	32.49 0.79 0.00
KATONAH__115KV_46KV_TB4 355592	34.36 1.28 -0.20	31.81 1.01 -0.04	29.41 0.94 0.00	28.53 0.94 0.00	29.20 0.85 0.00	31.33 0.88 0.00	43.08 1.38 0.00	45.64 1.54 -0.10	41.26 1.74 0.00	34.27 1.66 -0.66	34.92 1.91 -0.57	36.46 1.98 -0.87	40.45 2.18 -1.25	42.50 2.27 -1.78	43.63 2.58 -1.41	45.07 2.43 -1.49	52.73 2.87 -2.08	69.92 3.20 -2.68	71.31 3.18 -1.81	63.95 2.53 -1.12	51.34 2.13 -0.70	41.96 1.90 -0.46	37.30 1.68 -0.64	33.15 1.36 -0.09
KCE_NY_1 323755	33.75 1.02 0.15	31.56 0.83 0.03	29.29 0.83 0.00	28.39 0.80 0.00	29.11 0.77 0.00	31.27 0.82 0.00	48.68 1.29 -5.68	45.21 1.28 0.07	40.54 1.03 0.00	32.16 0.64 0.43	32.49 0.42 0.37	33.41 0.37 0.57	36.58 0.37 0.82	37.74 0.46 1.16	39.28 0.55 0.92	40.93 0.74 0.97	47.63 1.20 1.35	64.34 2.05 1.75	67.46 2.32 1.18	61.62 2.05 0.73	49.70 1.65 0.46	40.60 1.30 0.30	35.68 1.12 0.42	32.63 0.98 0.06
KCE_NY_6_ESR 323823	34.68 1.12 -0.68	32.29 1.01 -0.52	29.39 0.60 -0.33	28.17 0.33 -0.25	29.23 0.57 -0.32	31.45 0.52 -0.49	40.89 -1.63 -0.81	44.47 -1.06 -1.53	38.76 -1.18 -0.43	31.25 -0.73 -0.03	32.15 -0.49 -0.19	33.47 -0.50 -0.37	37.02 -0.67 -0.67	39.32 -0.27 -1.14	38.93 -0.71 0.00	41.38 -0.62 -0.84	46.40 -1.39 0.00	61.40 -2.63 0.00	67.19 -2.32 -3.19	61.39 -1.93 -3.02	48.82 -1.74 -2.05	39.29 -1.35 -1.05	34.45 -1.19 -0.65	31.51 -0.79 -0.60
KEDC_PORT_JEFF_GT2 24210	34.46 1.38 -0.20	31.37 0.58 -0.03	28.89 0.43 0.00	28.03 0.44 0.00	28.66 0.31 0.00	30.99 0.55 0.00	42.59 0.88 0.00	45.15 1.05 -0.09	41.22 1.70 0.00	34.80 2.20 -0.65	35.47 2.46 -0.57	36.73 2.25 -0.87	40.74 2.48 -1.24	42.75 2.54 -1.77	43.86 2.81 -1.40	45.09 2.47 -1.47	52.60 2.77 -2.04	68.07 1.41 -2.63	69.09 1.00 -1.78	61.93 0.54 -1.10	50.17 0.97 -0.69	42.08 2.02 -0.46	37.22 1.61 -0.63	33.34 1.55 -0.09
KEDC_PORT_JEFF_GT3 24211	34.46 1.38 -0.20	31.37 0.58 -0.03	28.89 0.43 0.00	28.03 0.44 0.00	28.66 0.31 0.00	30.99 0.55 0.00	42.59 0.88 0.00	45.15 1.05 -0.09	41.22 1.70 0.00	34.80 2.20 -0.65	35.47 2.46 -0.57	36.73 2.25 -0.87	40.74 2.48 -1.24	42.75 2.54 -1.77	43.86 2.81 -1.40	45.09 2.47 -1.47	52.60 2.77 -2.04	68.07 1.41 -2.63	69.09 1.00 -1.78	61.93 0.54 -1.10	50.17 0.97 -0.69	42.08 2.02 -0.46	37.22 1.61 -0.63	33.34 1.55 -0.09
KEDC_GLWD_GT4 24219	34.56 1.48 -0.20	31.77 0.98 -0.03	29.35 0.88 0.00	28.45 0.86 0.00	29.11 0.77 0.00	31.30 0.85 0.00	42.96 1.25 0.00	45.50 1.41 -0.09	41.30 1.78 0.00	34.68 2.08 -0.65	35.32 2.30 -0.58	36.87 2.39 -0.88	40.86 2.59 -1.25	42.95 2.73 -1.77	44.03 2.97 -1.41	45.35 2.72 -1.48	52.65 2.82 -2.04	69.42 2.75 -2.64	70.62 2.52 -1.78	63.38 1.99 -1.10	50.80 1.60 -0.69	42.20 2.14 -0.47	37.53 1.92 -0.63	33.43 1.65 -0.09
KEDC_GLWD_GT5 24220	34.56 1.48 -0.20	31.77 0.98 -0.03	29.35 0.88 0.00	28.45 0.86 0.00	29.11 0.77 0.00	31.30 0.85 0.00	42.96 1.25 0.00	45.50 1.41 -0.09	41.30 1.78 0.00	34.68 2.08 -0.65	35.32 2.30 -0.58	36.87 2.39 -0.88	40.86 2.59 -1.25	42.95 2.73 -1.77	44.03 2.97 -1.41	45.35 2.72 -1.48	52.65 2.82 -2.04	69.42 2.75 -2.64	70.62 2.52 -1.78	63.38 1.99 -1.10	50.80 1.60 -0.69	42.20 2.14 -0.47	37.53 1.92 -0.63	33.43 1.65 -0.09
KENSICO____ 23655	34.33 1.25 -0.20	31.74 0.95 -0.03	29.32 0.85 0.00	28.45 0.86 0.00	29.11 0.77 0.00	31.27 0.82 0.00	43.00 1.29 0.00	45.50 1.41 -0.09	41.18 1.66 0.00	34.29 1.69 -0.65	34.94 1.95 -0.56	36.52 2.05 -0.86	40.47 2.22 -1.23	42.54 2.35 -1.75	43.65 2.62 -1.39	45.04 2.43 -1.46	52.60 2.77 -2.04	69.81 3.14 -2.64	71.02 2.92 -1.78	63.75 2.35 -1.10	51.09 1.89 -0.69	41.87 1.82 -0.45	37.22 1.61 -0.63	33.08 1.30 -0.08
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.57 1.55 -0.14	32.07 1.29 -0.03	29.61 1.14 0.00	28.67 1.08 0.00	29.37 1.02 0.00	31.54 1.10 0.00	43.38 1.67 0.00	46.09 2.02 -0.07	41.45 1.94 0.00	34.12 1.69 -0.47	34.70 1.85 -0.41	36.15 1.92 -0.63	33.99 2.11 5.15	39.09 2.31 1.66	43.18 2.54 -1.00	44.80 2.59 -1.05	52.36 3.11 -1.47	69.45 3.52 -1.90	71.25 3.65 -1.28	64.17 3.08 -0.79	51.53 2.52 -0.50	41.98 2.06 -0.33	37.18 1.75 -0.45	33.19 1.43 -0.06

KIAC_JFK_GT1 23816	34.56 1.48 -0.20	31.87 1.08 -0.03	29.41 0.94 0.00	28.50 0.91 0.00	29.17 0.82 0.00	31.36 0.91 0.00	43.08 1.29 -0.07	45.70 1.54 -0.16	41.44 1.90 -0.02	34.74 2.14 -0.65	35.37 2.37 -0.56	36.99 2.52 -0.87	40.73 2.48 -1.23	42.96 2.65 -1.86	44.20 3.01 -1.55	45.54 2.72 -1.67	53.58 3.11 -2.69	70.56 3.46 -3.08	72.06 3.32 -2.42	64.59 2.59 -1.70	51.77 2.04 -1.23	42.02 1.94 -0.49	37.64 2.03 -0.63	33.34 1.55 -0.09
KIAC_JFK_GT2 23817	34.56 1.48 -0.20	31.87 1.08 -0.03	29.41 0.94 0.00	28.50 0.91 0.00	29.17 0.82 0.00	31.36 0.91 0.00	43.08 1.29 -0.07	45.70 1.54 -0.16	41.44 1.90 -0.02	34.74 2.14 -0.65	35.37 2.37 -0.56	36.99 2.52 -0.87	40.73 2.48 -1.23	42.96 2.65 -1.86	44.20 3.01 -1.55	45.54 2.72 -1.67	53.58 3.11 -2.69	70.56 3.46 -3.08	72.06 3.32 -2.42	64.59 2.59 -1.70	51.77 2.04 -1.23	42.02 1.94 -0.49	37.64 2.03 -0.63	33.34 1.55 -0.09
KIAC_JFK____ 323774	34.56 1.48 -0.20	31.87 1.08 -0.03	29.44 0.97 0.00	28.50 0.91 0.00	29.17 0.82 0.00	31.33 0.88 0.00	43.03 1.25 -0.07	45.70 1.54 -0.16	41.28 1.74 -0.02	34.74 2.14 -0.65	35.37 2.37 -0.56	37.00 2.52 -0.87	40.73 2.48 -1.23	42.96 2.65 -1.86	44.20 3.01 -1.55	45.46 2.64 -1.67	53.58 3.10 -2.69	70.63 3.52 -3.08	72.06 3.31 -2.42	64.65 2.65 -1.70	51.77 2.04 -1.23	42.02 1.94 -0.49	37.64 2.03 -0.63	33.40 1.62 -0.09
KINTIGH__24_KV_GSU 356498	34.25 0.72 -0.65	31.96 0.71 -0.50	29.10 0.31 -0.31	27.92 0.08 -0.24	28.91 0.25 -0.30	31.07 0.15 -0.47	40.40 -2.08 -0.78	43.70 -1.76 -1.47	38.23 -1.70 -0.41	30.83 -1.15 -0.03	31.68 -0.94 -0.18	33.02 -0.94 -0.35	36.55 -1.11 -0.64	38.66 -0.88 -1.09	38.33 -1.31 0.00	40.85 -1.11 -0.81	45.78 -2.01 0.00	60.57 -3.46 0.00	66.13 -3.25 -3.06	60.48 -2.71 -2.90	48.24 -2.23 -1.97	38.90 -1.70 -1.00	34.17 -1.44 -0.63	31.35 -0.92 -0.57
KINTIGH____ 23543	34.25 0.72 -0.65	31.96 0.71 -0.50	29.09 0.31 -0.31	27.91 0.08 -0.24	28.91 0.26 -0.30	31.07 0.15 -0.47	40.44 -2.04 -0.78	43.71 -1.76 -1.47	38.27 -1.66 -0.41	30.86 -1.12 -0.03	31.68 -0.94 -0.18	33.02 -0.94 -0.35	36.51 -1.15 -0.64	38.65 -0.88 -1.09	38.37 -1.27 0.00	40.97 -0.99 -0.81	45.78 -2.01 0.00	60.51 -3.52 0.00	66.12 -3.25 -3.06	60.66 -2.53 -2.89	48.19 -2.28 -1.96	38.93 -1.66 -1.00	34.35 -1.26 -0.63	31.83 -0.44 -0.57
KNTFSRNC_46_KV_46KV_LOAD 80397	33.01 0.13 0.00	31.31 0.55 0.00	29.29 0.83 0.00	28.83 1.24 0.00	29.99 1.64 0.00	32.67 2.22 0.00	45.25 3.55 0.00	47.61 3.61 0.00	42.68 3.16 0.00	34.06 2.11 0.00	34.39 1.95 0.00	35.73 2.12 0.00	39.35 2.33 0.00	40.21 1.77 0.00	41.54 1.90 0.00	42.96 1.81 0.00	50.27 2.48 0.00	68.07 4.03 0.00	70.30 3.98 0.00	64.16 3.86 0.00	51.22 2.72 0.00	41.69 2.10 0.00	36.73 1.75 0.00	33.22 1.52 0.00
LACHUTE____HYDRO 323717	34.87 2.14 0.14	32.51 1.78 0.03	30.15 1.68 0.00	29.19 1.60 0.00	30.02 1.67 0.00	32.30 1.86 0.00	49.75 2.84 -5.20	46.83 2.90 0.07	41.69 2.17 0.00	32.76 1.21 0.41	32.79 0.71 0.36	33.67 0.61 0.55	36.83 0.59 0.78	37.90 0.58 1.12	39.43 0.67 0.89	41.50 1.28 0.93	48.64 2.15 1.30	66.46 4.10 1.68	70.29 5.11 1.13	64.18 4.58 0.70	51.66 3.59 0.44	41.92 2.61 0.29	36.71 2.13 0.40	33.51 1.87 0.05
LAWRNCV_115KV_TB1 80681	33.65 0.56 -0.21	31.56 0.65 -0.16	29.17 0.60 -0.10	28.30 0.63 -0.08	29.24 0.79 -0.10	31.63 1.04 -0.15	43.63 1.67 -0.25	46.19 1.72 -0.47	41.03 1.38 -0.13	32.83 0.86 -0.01	33.24 0.75 -0.06	34.60 0.87 -0.11	38.19 0.96 -0.21	39.41 0.62 -0.35	40.28 0.63 0.00	41.99 0.58 -0.26	48.46 0.67 0.00	65.12 1.09 0.00	68.36 1.06 -0.99	62.50 1.27 -0.93	50.16 1.02 -0.63	40.91 0.99 -0.32	36.09 0.91 -0.20	32.64 0.76 -0.19
LEDERLE____ 23769	34.35 1.28 -0.19	31.80 1.01 -0.03	29.38 0.91 0.00	28.47 0.88 0.00	29.17 0.82 0.00	31.39 0.94 0.00	43.21 1.50 0.00	45.76 1.67 -0.09	41.38 1.86 0.00	34.36 1.79 -0.61	35.02 2.04 -0.53	36.54 2.12 -0.82	40.49 2.30 -1.17	42.61 2.50 -1.67	43.74 2.77 -1.32	45.22 2.67 -1.39	52.64 2.92 -1.94	69.94 3.39 -2.51	71.26 3.25 -1.70	63.94 2.59 -1.05	51.25 2.09 -0.65	41.89 1.86 -0.43	37.22 1.64 -0.60	33.11 1.33 -0.08
LIGHTHSE_115KV_TB6 355974	34.65 0.16 -1.60	32.17 0.18 -1.23	29.33 0.09 -0.78	28.13 -0.06 -0.60	29.10 0.00 -0.75	31.66 0.06 -1.16	43.67 0.04 -1.92	47.84 0.22 -3.62	40.45 -0.08 -1.01	31.86 -0.16 -0.07	32.63 -0.26 -0.45	34.21 -0.27 -0.87	38.34 -0.26 -1.58	40.88 -0.27 -2.70	39.17 -0.48 0.00	42.73 -0.41 -1.99	47.31 -0.48 0.00	63.58 -0.45 0.00	73.79 -0.07 -7.54	67.56 0.12 -7.15	53.45 0.10 -4.85	42.10 0.04 -2.47	36.53 0.00 -1.55	33.08 -0.03 -1.42
LINDEN COGEN____ 23786	34.29 1.22 -0.19	31.64 0.86 -0.03	29.25 0.80 0.01	28.35 0.77 0.01	29.02 0.68 0.01	31.14 0.70 0.01	41.12 1.13 1.72	42.40 1.32 2.92	40.81 1.58 0.29	34.45 1.85 -0.65	35.14 2.14 -0.56	36.69 2.22 -0.87	40.57 2.33 -1.21	41.36 2.50 -0.42	41.95 2.77 0.47	42.30 2.47 1.32	43.85 2.87 6.80	53.32 3.20 13.91	52.14 2.91 17.09	44.68 2.29 17.91	43.55 1.80 6.75	41.39 1.82 0.03	37.28 1.68 -0.62	33.14 1.36 -0.08
LINDHRST_69_KV_BK1 356055	34.85 1.78 -0.20	31.84 1.05 -0.03	29.32 0.85 0.00	28.45 0.86 0.00	29.09 0.74 0.00	31.45 1.00 0.00	43.21 1.50 0.00	45.59 1.50 -0.09	41.61 2.09 0.00	35.06 2.46 -0.65	35.67 2.66 -0.57	37.17 2.69 -0.87	41.19 2.92 -1.24	43.25 3.04 -1.77	44.34 3.29 -1.40	45.63 3.00 -1.48	53.03 3.20 -2.04	69.55 2.88 -2.63	70.75 2.65 -1.78	63.38 1.99 -1.10	51.09 1.89 -0.69	42.66 2.61 -0.46	37.81 2.20 -0.63	33.78 2.00 -0.09
LIPA_MISC_IPP 23656	34.26 1.18 -0.20	31.16 0.37 -0.03	28.69 0.23 0.00	27.84 0.25 0.00	28.46 0.11 0.00	30.84 0.40 0.00	42.58 0.88 0.00	44.93 0.84 -0.09	41.06 1.54 0.00	34.58 1.98 -0.65	35.28 2.27 -0.57	36.49 2.02 -0.87	40.48 2.22 -1.24	42.48 2.27 -1.77	43.62 2.58 -1.40	44.89 2.26 -1.47	52.03 2.20 -2.04	67.82 1.15 -2.63	68.89 0.80 -1.78	61.63 0.24 -1.10	49.83 0.63 -0.69	41.83 1.78 -0.46	36.90 1.29 -0.63	33.15 1.36 -0.09
LISF__SOLAR 323691	34.29 1.22 -0.20	31.19 0.40 -0.03	28.72 0.26 0.00	27.87 0.28 0.00	28.49 0.14 0.00	30.81 0.37 0.00	42.37 0.67 0.00	44.97 0.88 -0.09	41.02 1.50 0.00	34.65 2.05 -0.65	35.31 2.30 -0.57	36.53 2.05 -0.87	40.52 2.26 -1.24	42.55 2.35 -1.77	43.66 2.62 -1.40	44.89 2.26 -1.47	52.32 2.48 -2.04	68.07 1.41 -2.63	69.09 1.00 -1.78	61.87 0.48 -1.10	49.88 0.68 -0.69	41.84 1.78 -0.46	36.94 1.33 -0.63	33.11 1.33 -0.09
LITTLE FALLS__HYD 24013	32.65 -0.23 0.00	30.57 -0.18 0.00	28.27 -0.20 0.00	27.26 -0.33 0.00	28.07 -0.28 0.00	30.23 -0.21 0.00	41.42 -0.29 0.00	43.78 -0.22 0.00	39.16 -0.36 0.00	31.63 -0.32 0.00	32.08 -0.36 0.00	33.34 -0.27 0.00	36.69 -0.33 0.00	38.06 -0.38 0.00	39.09 -0.55 0.00	40.66 -0.49 0.00	46.93 -0.86 0.00	62.75 -1.28 0.00	64.79 -1.53 0.00	58.85 -1.45 0.00	47.44 -1.07 0.00	38.96 -0.63 0.00	34.35 -0.63 0.00	31.10 -0.60 0.00

LITTLRIV_115KV_TB1 356100	34.02 0.92 -0.22	31.91 0.98 -0.17	29.49 0.91 -0.11	28.56 0.88 -0.08	29.50 1.05 -0.10	32.01 1.40 -0.16	44.10 2.13 -0.27	46.75 2.24 -0.51	41.40 1.74 -0.14	33.02 1.05 -0.01	33.41 0.91 -0.06	34.77 1.04 -0.12	38.39 1.15 -0.22	39.59 0.77 -0.38	40.39 0.75 0.00	42.17 0.74 -0.28	48.70 0.91 0.00	65.63 1.60 0.00	69.10 1.72 -1.05	63.28 1.99 -1.00	50.79 1.60 -0.68	41.44 1.50 -0.35	36.46 1.26 -0.22	32.94 1.05 -0.20
LI_NEWBRDGE___DRP 323616	34.29 1.22 -0.20	31.41 0.62 -0.03	28.95 0.48 0.00	28.06 0.47 0.00	28.72 0.37 0.00	30.99 0.55 0.00	42.58 0.88 0.00	44.89 0.79 -0.09	40.98 1.46 0.00	34.49 1.89 -0.65	34.99 1.98 -0.57	36.53 2.05 -0.87	40.44 2.18 -1.24	42.48 2.27 -1.76	43.50 2.46 -1.40	44.89 2.26 -1.47	52.22 2.39 -2.04	68.59 1.92 -2.63	69.82 1.72 -1.78	62.54 1.15 -1.10	50.26 1.07 -0.69	41.83 1.78 -0.46	37.22 1.61 -0.63	33.24 1.46 -0.09
LOCKPORT_115KV_TB60_63_64 80432	34.37 0.82 -0.67	32.04 0.77 -0.51	29.13 0.34 -0.32	27.92 0.08 -0.25	28.94 0.28 -0.31	31.08 0.15 -0.48	40.26 -2.25 -0.80	43.66 -1.85 -1.51	38.16 -1.78 -0.42	30.74 -1.25 -0.03	31.56 -1.07 -0.19	32.86 -1.11 -0.36	36.35 -1.33 -0.66	38.61 -0.96 -1.13	38.21 -1.43 0.00	40.79 -1.19 -0.83	45.54 -2.25 0.00	60.13 -3.91 0.00	65.82 -3.65 -3.15	60.44 -2.83 -2.98	48.01 -2.52 -2.02	38.72 -1.90 -1.03	34.19 -1.43 -0.65	31.75 -0.54 -0.59
LOCKPORT___CC1 323769	34.37 0.82 -0.67	32.04 0.77 -0.51	29.16 0.37 -0.32	27.95 0.11 -0.25	28.97 0.31 -0.31	31.08 0.15 -0.48	40.26 -2.25 -0.80	43.67 -1.85 -1.51	38.08 -1.86 -0.42	30.70 -1.28 -0.03	31.56 -1.07 -0.19	32.90 -1.08 -0.36	36.38 -1.30 -0.66	38.61 -0.96 -1.13	38.22 -1.43 0.00	40.67 -1.32 -0.83	45.54 -2.25 0.00	60.19 -3.84 0.00	65.82 -3.65 -3.15	60.27 -3.01 -2.99	48.01 -2.52 -2.03	38.73 -1.90 -1.03	34.02 -1.61 -0.65	31.21 -1.08 -0.59
LOCKPORT___CC2 323770	34.37 0.82 -0.67	32.04 0.77 -0.51	29.16 0.37 -0.32	27.95 0.11 -0.25	28.97 0.31 -0.31	31.08 0.15 -0.48	40.26 -2.25 -0.80	43.67 -1.85 -1.51	38.08 -1.86 -0.42	30.70 -1.28 -0.03	31.56 -1.07 -0.19	32.90 -1.08 -0.36	36.38 -1.30 -0.66	38.61 -0.96 -1.13	38.22 -1.43 0.00	40.67 -1.32 -0.83	45.54 -2.25 0.00	60.19 -3.84 0.00	65.82 -3.65 -3.15	60.27 -3.01 -2.99	48.01 -2.52 -2.03	38.73 -1.90 -1.03	34.02 -1.61 -0.65	31.21 -1.08 -0.59
LOCKPORT___CC3 323771	34.37 0.82 -0.67	32.04 0.77 -0.51	29.16 0.37 -0.32	27.95 0.11 -0.25	28.97 0.31 -0.31	31.08 0.15 -0.48	40.26 -2.25 -0.80	43.67 -1.85 -1.51	38.08 -1.86 -0.42	30.70 -1.28 -0.03	31.56 -1.07 -0.19	32.90 -1.08 -0.36	36.38 -1.30 -0.66	38.61 -0.96 -1.13	38.22 -1.43 0.00	40.67 -1.32 -0.83	45.54 -2.25 0.00	60.19 -3.84 0.00	65.82 -3.65 -3.15	60.27 -3.01 -2.99	48.01 -2.52 -2.03	38.73 -1.90 -1.03	34.02 -1.61 -0.65	31.21 -1.08 -0.59
LOCUSVLY_69_KV_BK2 55797	34.59 1.51 -0.20	31.71 0.92 -0.03	29.26 0.80 0.00	28.36 0.77 0.00	29.03 0.68 0.00	31.30 0.85 0.00	43.00 1.29 0.00	45.33 1.23 -0.09	41.38 1.86 0.00	34.74 2.14 -0.65	35.38 2.37 -0.57	36.94 2.45 -0.87	40.89 2.63 -1.24	42.91 2.69 -1.77	43.98 2.93 -1.41	45.39 2.76 -1.48	52.70 2.87 -2.04	69.42 2.75 -2.64	70.62 2.52 -1.78	63.32 1.93 -1.10	50.85 1.65 -0.69	42.19 2.14 -0.46	37.53 1.92 -0.63	33.49 1.71 -0.09
LONG_LAKE_PHOENIX 24014	33.62 -0.13 -0.88	31.27 -0.15 -0.67	28.69 -0.20 -0.42	27.67 -0.25 -0.33	28.53 -0.23 -0.41	30.80 -0.27 -0.63	42.26 -0.50 -1.05	45.58 -0.40 -1.98	39.60 -0.47 -0.55	31.61 -0.38 -0.04	32.30 -0.39 -0.25	33.65 -0.44 -0.48	37.44 -0.44 -0.86	39.54 -0.38 -1.48	39.21 -0.44 0.00	41.87 -0.37 -1.09	47.31 -0.48 0.00	63.46 -0.58 0.00	70.11 -0.33 -4.12	63.96 -0.24 -3.91	50.92 -0.24 -2.65	40.59 -0.36 -1.35	35.51 -0.31 -0.85	32.19 -0.29 -0.77
LOVETT___3 23632	34.19 1.12 -0.19	31.65 0.86 -0.03	29.26 0.80 0.00	28.36 0.77 0.00	29.06 0.71 0.00	31.15 0.70 0.00	42.83 1.13 0.00	45.32 1.23 -0.09	40.98 1.46 0.00	34.11 1.53 -0.62	34.76 1.78 -0.54	36.32 1.88 -0.83	40.24 2.04 -1.18	42.33 2.19 -1.69	43.40 2.42 -1.34	44.83 2.26 -1.41	52.38 2.63 -1.97	69.52 2.95 -2.54	70.82 2.79 -1.72	63.53 2.17 -1.06	50.97 1.79 -0.66	41.69 1.66 -0.44	37.09 1.50 -0.61	32.98 1.20 -0.08
LOVETT___4 23642	34.19 1.12 -0.19	31.65 0.86 -0.03	29.26 0.80 0.00	28.36 0.77 0.00	29.06 0.71 0.00	31.15 0.70 0.00	42.83 1.13 0.00	45.32 1.23 -0.09	40.98 1.46 0.00	34.11 1.53 -0.62	34.76 1.78 -0.54	36.32 1.88 -0.83	40.24 2.04 -1.18	42.33 2.19 -1.69	43.40 2.42 -1.34	44.83 2.26 -1.41	52.38 2.63 -1.97	69.52 2.95 -2.54	70.82 2.79 -1.72	63.53 2.17 -1.06	50.97 1.79 -0.66	41.69 1.66 -0.44	37.09 1.50 -0.61	32.98 1.20 -0.08
LOVETT___5 23593	34.19 1.12 -0.19	31.65 0.86 -0.03	29.26 0.80 0.00	28.36 0.77 0.00	29.06 0.71 0.00	31.15 0.70 0.00	42.83 1.13 0.00	45.32 1.23 -0.09	40.98 1.46 0.00	34.11 1.53 -0.62	34.76 1.78 -0.54	36.32 1.88 -0.83	40.24 2.04 -1.18	42.33 2.19 -1.69	43.40 2.42 -1.34	44.83 2.26 -1.41	52.38 2.63 -1.97	69.52 2.95 -2.54	70.82 2.79 -1.72	63.53 2.17 -1.06	50.97 1.79 -0.66	41.69 1.66 -0.44	37.09 1.50 -0.61	32.98 1.20 -0.08
LOWER RAQUET___HYD 24057	33.74 0.62 -0.24	31.65 0.71 -0.18	29.24 0.66 -0.12	28.37 0.69 -0.09	29.31 0.85 -0.11	31.74 1.13 -0.17	43.78 1.79 -0.28	46.38 1.85 -0.54	41.17 1.50 -0.15	32.86 0.89 -0.01	33.28 0.78 -0.07	34.65 0.91 -0.13	38.25 1.00 -0.23	39.50 0.65 -0.40	40.27 0.63 0.00	42.10 0.66 -0.30	48.46 0.67 0.00	65.05 1.02 0.00	68.43 1.00 -1.12	62.62 1.27 -1.06	50.29 1.07 -0.72	41.03 1.07 -0.37	36.19 0.98 -0.23	32.73 0.82 -0.21
LOWER___HUDSON 24059	33.31 0.62 0.19	31.21 0.49 0.03	28.98 0.51 0.00	28.11 0.52 0.00	28.80 0.45 0.00	30.90 0.46 0.00	53.77 0.92 -11.15	44.65 0.75 0.09	40.19 0.67 0.00	31.89 0.51 0.58	32.33 0.39 0.50	33.21 0.37 0.77	36.33 0.41 1.10	37.42 0.54 1.56	39.04 0.63 1.24	40.51 0.66 1.30	47.02 1.05 1.81	63.16 1.47 2.34	66.26 1.53 1.58	60.52 1.21 0.98	48.92 1.02 0.61	40.06 0.87 0.40	35.19 0.77 0.56	32.35 0.73 0.08
LOWVILLE_115KV_TB2 356335	34.41 0.99 -0.54	32.18 1.01 -0.41	29.47 0.74 -0.26	28.21 0.41 -0.20	29.11 0.51 -0.25	31.57 0.73 -0.39	43.44 1.08 -0.65	46.63 1.41 -1.22	40.65 0.79 -0.34	32.36 0.38 -0.02	32.72 0.13 -0.15	34.14 0.24 -0.29	37.78 0.22 -0.53	39.43 0.08 -0.91	39.32 -0.32 0.00	41.66 -0.16 -0.67	47.60 -0.19 0.00	64.29 0.26 0.00	69.59 0.73 -2.55	63.67 0.96 -2.41	50.97 0.82 -1.64	41.18 0.75 -0.83	36.13 0.63 -0.52	32.68 0.51 -0.48
LUTHERFT_115KV_GLOB_FND_222 355753	33.75 1.02 0.15	31.56 0.83 0.03	29.26 0.80 0.00	28.39 0.80 0.00	29.11 0.77 0.00	31.27 0.82 0.00	48.68 1.29 -5.68	45.16 1.23 0.07	40.51 0.99 0.00	32.13 0.61 0.43	32.49 0.42 0.37	33.41 0.37 0.57	36.58 0.37 0.82	37.70 0.42 1.16	39.28 0.55 0.92	40.97 0.78 0.97	47.63 1.19 1.35	64.27 1.98 1.75	67.46 2.32 1.18	61.56 1.99 0.73	49.70 1.65 0.46	40.56 1.27 0.30	35.65 1.08 0.42	32.59 0.95 0.06

LUTHERNY_35_KV_BK2 355980	33.75 1.02 0.15	31.56 0.83 0.03	29.29 0.83 0.00	28.39 0.80 0.00	29.11 0.77 0.00	31.27 0.82 0.00	48.72 1.33 -5.68	45.20 1.28 0.07	40.51 0.99 0.00	32.16 0.64 0.43	32.49 0.42 0.37	33.41 0.37 0.57	36.58 0.37 0.82	37.74 0.46 1.16	39.28 0.55 0.92	40.97 0.78 0.97	47.63 1.19 1.35	64.34 2.05 1.75	67.46 2.32 1.18	61.62 2.05 0.73	49.70 1.65 0.46	40.60 1.31 0.30	35.65 1.08 0.42	32.62 0.98 0.06
LWR___OSWEGATCHIE_HYD 23850	34.12 0.79 -0.45	31.93 0.83 -0.35	29.37 0.68 -0.22	28.31 0.55 -0.17	29.24 0.68 -0.21	31.71 0.94 -0.33	43.71 1.46 -0.54	46.65 1.63 -1.02	40.95 1.15 -0.28	32.58 0.61 -0.02	32.99 0.42 -0.13	34.39 0.54 -0.25	38.06 0.59 -0.44	39.55 0.35 -0.76	39.76 0.12 0.00	41.84 0.12 -0.56	47.93 0.14 0.00	64.61 0.58 0.00	69.24 0.80 -2.12	63.39 1.09 -2.01	50.79 0.92 -1.36	41.24 0.95 -0.70	36.25 0.84 -0.44	32.76 0.67 -0.40
LYONS_FALL_HYD 23570	34.19 0.89 -0.43	31.94 0.86 -0.33	29.36 0.68 -0.21	28.16 0.41 -0.16	29.03 0.48 -0.20	31.42 0.67 -0.31	43.18 0.96 -0.51	46.19 1.23 -0.96	40.54 0.75 -0.27	32.39 0.41 -0.02	32.76 0.20 -0.12	34.14 0.30 -0.23	37.77 0.33 -0.42	39.40 0.23 -0.72	39.56 -0.08 0.00	41.76 0.08 -0.53	47.93 0.14 0.00	64.54 0.51 0.00	69.25 0.93 -2.01	63.29 1.09 -1.90	50.72 0.92 -1.29	41.04 0.79 -0.66	36.02 0.63 -0.41	32.55 0.48 -0.38
MADISON___COUNTY_LFGE 323628	34.28 0.85 -0.55	32.00 0.83 -0.42	29.44 0.71 -0.26	28.32 0.52 -0.20	29.20 0.60 -0.25	31.57 0.73 -0.39	43.32 0.96 -0.65	46.46 1.23 -1.23	40.65 0.79 -0.34	32.49 0.51 -0.02	32.98 0.39 -0.15	34.34 0.44 -0.30	38.08 0.52 -0.54	39.94 0.58 -0.92	40.08 0.44 0.00	42.45 0.62 -0.68	48.46 0.67 0.00	65.18 1.15 0.00	70.41 1.53 -2.57	64.30 1.57 -2.43	51.47 1.31 -1.65	41.39 0.95 -0.84	36.24 0.73 -0.53	32.78 0.60 -0.48
MALONE___115KV_TB1 356076	33.31 0.43 0.00	31.43 0.68 0.00	29.26 0.80 0.00	28.67 1.08 0.00	29.71 1.36 0.00	32.27 1.83 0.00	44.67 2.96 0.00	46.99 2.99 0.00	42.13 2.61 0.00	33.65 1.69 0.00	34.03 1.59 0.00	35.36 1.75 0.00	38.95 1.93 0.00	39.83 1.38 0.00	41.15 1.51 0.00	42.55 1.40 0.00	49.70 1.91 0.00	67.11 3.07 0.00	69.37 3.05 0.00	63.43 3.14 0.00	50.74 2.23 0.00	41.38 1.78 0.00	36.48 1.50 0.00	32.97 1.27 0.00
MAPLEWOD_115KV_TB3 80458	32.98 0.23 0.13	30.85 0.12 0.02	28.67 0.20 0.00	27.84 0.25 0.00	28.49 0.14 0.00	30.60 0.15 0.00	33.76 0.50 8.45	44.24 0.31 0.06	39.79 0.28 0.00	31.74 0.22 0.44	32.22 0.16 0.38	33.16 0.13 0.59	36.33 0.15 0.84	37.47 0.23 1.20	39.02 0.32 0.94	40.53 0.37 0.99	46.98 0.57 1.38	63.01 0.77 1.79	65.84 0.73 1.21	60.03 0.48 0.75	48.53 0.49 0.47	39.72 0.44 0.31	34.97 0.42 0.43	31.99 0.35 0.06
MAPLE_RIDGE_WT_1 323574	32.68 -0.20 0.00	30.60 -0.15 0.00	28.35 -0.11 0.00	27.54 -0.06 0.00	28.32 -0.03 0.00	30.48 0.03 0.00	41.79 0.08 0.00	44.04 0.04 0.00	39.56 0.04 0.00	31.95 0.00 0.00	32.41 -0.03 0.00	33.54 -0.07 0.00	36.84 -0.18 0.00	38.10 -0.35 0.00	39.25 -0.40 0.00	40.66 -0.49 0.00	47.22 -0.57 0.00	63.27 -0.77 0.00	65.39 -0.93 0.00	59.39 -0.90 0.00	47.78 -0.73 0.00	39.04 -0.55 0.00	34.56 -0.42 0.00	31.32 -0.38 0.00
MAPLE_RIDGE_WT_2 323611	32.68 -0.20 0.00	30.60 -0.15 0.00	28.35 -0.11 0.00	27.54 -0.06 0.00	28.32 -0.03 0.00	30.48 0.03 0.00	41.79 0.08 0.00	44.04 0.04 0.00	39.56 0.04 0.00	31.95 0.00 0.00	32.41 -0.03 0.00	33.54 -0.07 0.00	36.84 -0.18 0.00	38.10 -0.35 0.00	39.25 -0.40 0.00	40.66 -0.49 0.00	47.22 -0.57 0.00	63.27 -0.77 0.00	65.39 -0.93 0.00	59.39 -0.90 0.00	47.78 -0.73 0.00	39.04 -0.55 0.00	34.56 -0.42 0.00	31.32 -0.38 0.00
MARBLE_RIVER_WT_PWR 323696	32.35 -0.53 0.00	30.82 0.06 0.00	28.98 0.51 0.00	28.64 1.05 0.00	29.88 1.53 0.00	32.54 2.10 0.00	45.05 3.34 0.00	47.43 3.43 0.00	42.56 3.04 0.00	34.00 2.05 0.00	34.35 1.91 0.00	35.66 2.05 0.00	39.24 2.22 0.00	40.13 1.69 0.00	41.43 1.79 0.00	42.88 1.73 0.00	50.08 2.29 0.00	67.68 3.65 0.00	69.83 3.51 0.00	63.61 3.31 0.00	50.84 2.33 0.00	41.33 1.74 0.00	36.45 1.47 0.00	33.00 1.30 0.00
MARSHVLE_115KV_TB1 80742	34.84 2.04 0.08	32.52 1.78 0.01	30.12 1.65 0.00	29.14 1.55 0.00	29.99 1.64 0.00	32.30 1.86 0.00	45.91 2.63 -1.58	46.60 2.64 0.04	40.98 1.46 0.00	32.24 0.51 0.22	32.34 0.10 0.19	33.31 0.00 0.29	36.64 0.04 0.42	37.84 0.00 0.60	39.24 0.08 0.48	41.23 0.58 0.50	48.33 1.24 0.70	66.27 3.14 0.90	70.35 4.64 0.61	64.20 4.28 0.38	51.72 3.44 0.24	42.01 2.57 0.16	36.86 2.10 0.22	33.48 1.81 0.03
MARSH_HILL_WT_PWR 323713	35.04 1.38 -0.78	32.61 1.26 -0.60	29.76 0.91 -0.38	28.54 0.66 -0.29	29.54 0.82 -0.36	31.89 0.88 -0.56	42.31 -0.34 -0.93	45.85 0.09 -1.76	39.58 -0.43 -0.49	31.57 -0.42 -0.03	32.37 -0.29 -0.22	33.73 -0.30 -0.42	37.38 -0.41 -0.77	39.53 -0.23 -1.32	39.01 -0.64 0.00	41.38 -0.74 -0.97	46.45 -1.34 0.00	62.17 -1.86 0.00	68.93 -1.06 -3.68	62.94 -0.84 -3.48	49.85 -1.02 -2.36	39.65 -1.15 -1.21	34.61 -1.12 -0.75	31.50 -0.89 -0.69
MCINTYRE_115KV_TB2 80467	34.10 1.02 -0.20	31.99 1.08 -0.15	29.56 1.00 -0.10	28.60 0.94 -0.08	29.58 1.13 -0.09	32.05 1.46 -0.15	44.20 2.25 -0.24	46.79 2.33 -0.46	41.42 1.78 -0.13	33.02 1.05 -0.01	33.40 0.91 -0.06	34.76 1.04 -0.11	38.37 1.15 -0.20	39.55 0.77 -0.34	40.43 0.79 0.00	42.18 0.78 -0.25	48.79 1.00 0.00	65.89 1.86 0.00	69.39 2.12 -0.95	63.55 2.35 -0.90	51.01 1.89 -0.61	41.57 1.66 -0.31	36.54 1.36 -0.19	32.99 1.11 -0.18
MECO_____69_KV_BK1 80468	34.86 2.07 0.09	32.55 1.81 0.02	30.15 1.68 0.00	29.19 1.60 0.00	30.02 1.67 0.00	32.33 1.89 0.00	46.17 2.75 -1.70	46.73 2.77 0.04	41.18 1.66 0.00	32.31 0.61 0.25	32.29 0.06 0.22	33.14 -0.13 0.33	36.39 -0.15 0.48	37.61 -0.15 0.68	39.06 -0.04 0.54	41.24 0.66 0.57	48.48 1.48 0.79	66.59 3.59 1.03	70.53 4.91 0.69	64.33 4.46 0.43	51.78 3.54 0.27	42.07 2.65 0.18	36.94 2.20 0.24	33.53 1.87 0.03
MENANDS___115KV_TB5 355628	32.75 0.00 0.13	30.67 -0.06 0.02	28.50 0.03 0.00	27.70 0.11 0.00	28.32 -0.03 0.00	30.41 -0.03 0.00	32.76 0.25 9.20	43.94 0.00 0.06	39.56 0.04 0.00	31.57 0.06 0.45	32.05 0.00 0.39	33.01 0.00 0.59	36.17 0.00 0.85	37.31 0.08 1.22	38.85 0.16 0.95	40.31 0.16 1.00	46.67 0.29 1.40	62.54 0.32 1.81	65.29 0.20 1.22	59.54 0.00 0.76	48.18 0.15 0.47	39.44 0.16 0.31	34.72 0.17 0.43	31.80 0.16 0.06
MG INDUSTRY___DRP 24185	32.32 -0.49 0.07	30.25 -0.49 0.01	28.04 -0.43 0.00	27.23 -0.36 0.00	27.87 -0.48 0.00	29.90 -0.55 0.00	36.43 -0.50 4.78	43.22 -0.75 0.03	38.81 -0.71 0.00	31.16 -0.61 0.19	31.56 -0.71 0.17	32.58 -0.77 0.25	5.01 -0.89 31.13	22.10 -0.85 15.50	38.31 -0.83 0.50	39.80 -0.82 0.52	46.29 -0.76 0.73	62.19 -0.90 0.94	64.75 -0.93 0.64	58.94 -0.96 0.39	47.68 -0.58 0.25	38.96 -0.48 0.16	35.07 0.31 0.22	31.95 0.29 0.03

MID___OSWEGATCHIE_HYD 23849	34.12 0.79 -0.45	31.93 0.83 -0.35	29.37 0.68 -0.22	28.31 0.55 -0.17	29.24 0.68 -0.21	31.71 0.94 -0.33	43.71 1.46 -0.54	46.65 1.63 -1.02	40.95 1.15 -0.28	32.58 0.61 -0.02	32.99 0.42 -0.13	34.39 0.54 -0.25	38.06 0.59 -0.44	39.55 0.35 -0.76	39.76 0.12 0.00	41.84 0.12 -0.56	47.93 0.14 0.00	64.61 0.58 0.00	69.24 0.80 -2.12	63.39 1.09 -2.01	50.79 0.92 -1.36	41.24 0.95 -0.70	36.25 0.84 -0.44	32.76 0.67 -0.40
MID___RAQUETTE_HYD 23851	33.74 0.62 -0.24	31.64 0.71 -0.18	29.24 0.65 -0.12	28.37 0.69 -0.09	29.31 0.85 -0.11	31.74 1.13 -0.17	43.79 1.79 -0.28	46.38 1.85 -0.54	41.17 1.50 -0.15	32.86 0.89 -0.01	33.28 0.78 -0.07	34.65 0.91 -0.13	38.25 1.00 -0.23	39.50 0.65 -0.40	40.28 0.63 0.00	42.02 0.58 -0.30	48.46 0.67 0.00	65.12 1.09 0.00	68.43 0.99 -1.12	62.62 1.27 -1.06	50.25 1.02 -0.72	41.03 1.07 -0.37	36.19 0.98 -0.23	32.73 0.82 -0.21
MILLIKEN___1 23584	34.65 0.69 -1.08	32.23 0.65 -0.83	29.50 0.51 -0.52	28.38 0.39 -0.40	29.31 0.45 -0.50	31.71 0.49 -0.78	43.41 0.42 -1.29	47.09 0.66 -2.43	40.55 0.36 -0.68	32.25 0.26 -0.05	33.00 0.26 -0.31	34.43 0.24 -0.59	38.38 0.30 -1.06	40.64 0.38 -1.82	40.00 0.36 0.00	42.98 0.49 -1.34	48.31 0.53 0.00	64.80 0.77 0.00	72.65 1.26 -5.07	66.37 1.27 -4.80	52.69 0.92 -3.26	41.81 0.55 -1.66	36.47 0.45 -1.04	33.06 0.41 -0.95
MILLIKEN___2 23585	34.65 0.69 -1.08	32.23 0.65 -0.83	29.50 0.51 -0.52	28.38 0.39 -0.40	29.31 0.45 -0.50	31.71 0.49 -0.78	43.41 0.42 -1.29	47.09 0.66 -2.43	40.55 0.36 -0.68	32.25 0.26 -0.05	33.00 0.26 -0.31	34.43 0.24 -0.59	38.38 0.30 -1.06	40.64 0.38 -1.82	40.00 0.36 0.00	42.98 0.49 -1.34	48.31 0.53 0.00	64.80 0.77 0.00	72.65 1.26 -5.07	66.37 1.27 -4.80	52.69 0.92 -3.26	41.81 0.55 -1.66	36.47 0.45 -1.04	33.06 0.41 -0.95
MILLIKEN___DIESEL 23629	34.65 0.69 -1.08	32.23 0.65 -0.83	29.50 0.51 -0.52	28.38 0.39 -0.40	29.31 0.45 -0.50	31.71 0.49 -0.78	43.41 0.42 -1.29	47.09 0.66 -2.43	40.55 0.36 -0.68	32.25 0.26 -0.05	33.00 0.26 -0.31	34.43 0.24 -0.59	38.38 0.30 -1.06	40.64 0.38 -1.82	40.00 0.36 0.00	42.98 0.49 -1.34	48.31 0.53 0.00	64.80 0.77 0.00	72.65 1.26 -5.07	66.37 1.27 -4.80	52.69 0.92 -3.26	41.81 0.55 -1.66	36.47 0.45 -1.04	33.06 0.41 -0.95
MILLSEAT___LFGE 323607	34.73 1.18 -0.67	32.44 1.17 -0.51	29.50 0.71 -0.32	28.31 0.47 -0.25	29.31 0.65 -0.31	31.48 0.55 -0.48	41.05 -1.46 -0.80	45.46 -0.04 -1.51	39.51 -0.43 -0.42	31.69 -0.29 -0.03	32.53 -0.10 -0.19	33.80 -0.17 -0.36	37.49 -0.18 -0.66	39.80 0.23 -1.13	38.81 -0.83 0.00	41.32 -0.66 -0.83	46.35 -1.43 0.00	61.53 -2.50 0.00	67.28 -2.19 -3.15	61.71 -1.57 -2.98	49.03 -1.50 -2.02	39.44 -1.19 -1.03	34.61 -1.02 -0.65	31.62 -0.67 -0.59
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	34.26 1.18 -0.20	31.68 0.89 -0.03	29.29 0.83 0.00	28.39 0.80 0.00	29.09 0.74 0.00	31.21 0.76 0.00	42.92 1.21 0.00	45.41 1.32 -0.09	41.10 1.58 0.00	34.19 1.60 -0.64	34.85 1.85 -0.56	36.41 1.95 -0.85	40.35 2.11 -1.22	42.42 2.23 -1.75	43.52 2.50 -1.39	44.95 2.35 -1.46	52.49 2.68 -2.03	69.60 2.95 -2.62	70.94 2.85 -1.77	63.62 2.23 -1.10	51.04 1.84 -0.68	41.79 1.74 -0.45	37.14 1.54 -0.63	33.02 1.24 -0.08
MILLWOOD_13_KV_LOAD 356217	34.33 1.25 -0.20	31.74 0.95 -0.03	29.35 0.88 0.00	28.45 0.86 0.00	29.14 0.79 0.00	31.27 0.82 0.00	43.00 1.29 0.00	45.55 1.45 -0.09	41.18 1.66 0.00	34.26 1.66 -0.64	34.91 1.91 -0.56	36.45 1.98 -0.85	40.43 2.18 -1.22	42.50 2.31 -1.75	43.60 2.58 -1.39	45.04 2.43 -1.46	52.59 2.77 -2.03	69.79 3.14 -2.62	71.07 2.98 -1.77	63.80 2.41 -1.10	51.18 1.99 -0.68	41.87 1.82 -0.45	37.21 1.61 -0.63	33.08 1.30 -0.08
MODEL_CITY_ENERGY 24167	34.07 0.52 -0.67	31.76 0.49 -0.51	28.91 0.11 -0.32	27.70 -0.14 -0.25	28.72 0.06 -0.31	30.81 -0.12 -0.48	39.84 -2.67 -0.80	43.22 -2.29 -1.51	37.69 -2.25 -0.42	30.42 -1.57 -0.03	31.27 -1.36 -0.19	32.56 -1.41 -0.36	36.01 -1.67 -0.66	38.22 -1.35 -1.13	37.82 -1.82 0.00	40.29 -1.69 -0.83	45.07 -2.72 0.00	59.55 -4.48 0.00	65.09 -4.38 -3.15	59.54 -3.74 -2.99	47.53 -3.01 -2.03	38.37 -2.26 -1.03	33.70 -1.92 -0.65	30.96 -1.33 -0.59
MODERN_LFGE___ 323580	34.07 0.52 -0.67	31.76 0.49 -0.51	28.91 0.11 -0.32	27.70 -0.14 -0.25	28.72 0.06 -0.31	30.81 -0.12 -0.48	39.84 -2.67 -0.80	43.22 -2.29 -1.51	37.69 -2.25 -0.42	30.42 -1.57 -0.03	31.27 -1.36 -0.19	32.56 -1.41 -0.36	36.01 -1.67 -0.66	38.22 -1.35 -1.13	37.82 -1.82 0.00	40.29 -1.69 -0.83	45.07 -2.72 0.00	59.55 -4.48 0.00	65.09 -4.38 -3.15	59.54 -3.74 -2.99	47.53 -3.01 -2.03	38.37 -2.26 -1.03	33.70 -1.92 -0.65	30.96 -1.33 -0.59
MOHAWK_PAPER___DRP 24187	32.98 0.23 0.13	30.85 0.12 0.02	28.67 0.20 0.00	27.84 0.25 0.00	28.49 0.14 0.00	30.60 0.15 0.00	33.76 0.50 8.45	44.24 0.31 0.06	39.79 0.28 0.00	31.74 0.22 0.44	32.22 0.16 0.38	33.16 0.13 0.59	36.33 0.15 0.84	37.47 0.23 1.20	39.02 0.32 0.94	40.53 0.37 0.99	46.98 0.57 1.38	63.01 0.77 1.79	65.84 0.73 1.21	60.03 0.48 0.75	48.53 0.49 0.47	39.72 0.44 0.31	34.97 0.42 0.43	31.99 0.35 0.06
MOHICAN___35_KV_115KV_LD 80490	33.82 1.09 0.15	31.59 0.86 0.03	29.29 0.83 0.00	28.39 0.80 0.00	29.14 0.79 0.00	31.33 0.88 0.00	48.53 1.42 -5.40	45.29 1.36 0.07	40.55 1.03 0.00	32.08 0.54 0.42	32.27 0.19 0.36	33.19 0.13 0.56	36.30 0.07 0.80	37.42 0.12 1.14	38.90 0.16 0.90	40.74 0.53 0.95	47.47 1.00 1.32	64.37 2.05 1.71	67.75 2.59 1.15	61.81 2.23 0.71	49.86 1.79 0.45	40.65 1.35 0.29	35.62 1.05 0.41	32.63 0.98 0.05
MONGAUP___HYD 23641	34.34 1.28 -0.17	31.86 1.08 -0.03	29.40 0.94 0.00	28.50 0.91 0.00	29.20 0.85 0.00	31.33 0.88 0.00	43.08 1.37 0.00	45.53 1.45 -0.08	40.78 1.26 0.00	33.74 1.21 -0.57	34.27 1.33 -0.50	35.75 1.38 -0.76	39.59 1.48 -1.09	41.65 1.65 -1.55	42.78 1.90 -1.23	44.30 1.85 -1.30	51.94 2.34 -1.81	69.38 3.01 -2.34	71.01 3.12 -1.58	63.92 2.65 -0.98	51.20 2.08 -0.61	41.74 1.74 -0.40	37.04 1.50 -0.56	33.01 1.23 -0.08
MONTAUK___DIESEL 23721	35.18 2.10 -0.20	31.96 1.17 -0.03	29.41 0.94 0.00	28.53 0.94 0.00	29.14 0.79 0.00	31.63 1.19 0.00	43.67 1.96 0.00	46.16 2.07 -0.09	42.13 2.61 0.00	35.51 2.91 -0.65	36.32 3.31 -0.57	37.57 3.09 -0.87	41.67 3.41 -1.24	43.75 3.54 -1.77	44.93 3.88 -1.40	46.21 3.58 -1.47	53.42 3.58 -2.04	68.97 2.31 -2.63	69.42 1.33 -1.78	61.93 0.54 -1.10	49.88 0.68 -0.69	41.79 1.74 -0.46	36.59 0.98 -0.63	33.02 1.24 -0.09
MOONROAD_115KV_HARTFLD_TB1-2 355988	35.24 1.68 -0.68	32.81 1.54 -0.52	29.88 1.08 -0.33	28.64 0.80 -0.25	29.77 1.11 -0.32	32.12 1.19 -0.49	42.23 -0.29 -0.81	46.02 0.48 -1.54	39.91 -0.04 -0.43	32.21 0.22 -0.03	33.09 0.45 -0.19	34.48 0.50 -0.37	38.14 0.44 -0.67	40.44 0.85 -1.15	39.96 0.32 0.00	42.41 0.41 -0.85	47.45 -0.33 0.00	62.18 -1.86 0.00	68.00 -1.53 -3.21	62.01 -1.33 -3.04	48.97 -1.60 -2.06	39.34 -1.31 -1.05	34.45 -1.19 -0.66	31.73 -0.57 -0.60

MORRIS_RIDGE___SOLAR 323848	34.60 0.99 -0.73	32.24 0.92 -0.56	29.42 0.60 -0.36	28.22 0.36 -0.27	29.23 0.54 -0.34	31.49 0.52 -0.53	41.63 -0.96 -0.88	45.04 -0.62 -1.65	38.95 -1.03 -0.46	31.12 -0.86 -0.03	31.90 -0.74 -0.21	33.27 -0.74 -0.40	36.85 -0.89 -0.72	39.03 -0.65 -1.24	38.61 -1.03 0.00	40.99 -1.07 -0.91	46.07 -1.72 0.00	61.66 -2.37 0.00	68.11 -1.66 -3.45	62.24 -1.33 -3.27	49.42 -1.31 -2.22	39.54 -1.19 -1.13	34.57 -1.12 -0.71	31.52 -0.82 -0.65
MORTIMER_115KV_TB3 55949	34.27 0.72 -0.66	32.00 0.74 -0.51	29.22 0.43 -0.32	28.11 0.28 -0.25	29.03 0.37 -0.31	31.23 0.30 -0.48	41.58 -0.92 -0.79	45.01 -0.48 -1.50	39.30 -0.63 -0.42	31.53 -0.45 -0.03	32.34 -0.29 -0.19	33.63 -0.34 -0.36	37.34 -0.33 -0.65	39.49 -0.08 -1.12	39.17 -0.48 0.00	41.73 -0.25 -0.82	46.97 -0.81 0.00	62.56 -1.47 0.00	68.31 -1.13 -3.12	62.77 -0.48 -2.96	49.74 -0.78 -2.01	39.90 -0.71 -1.02	35.10 -0.52 -0.64	32.13 -0.16 -0.59
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	34.52 1.45 -0.20	31.87 1.08 -0.03	29.46 1.00 0.00	28.56 0.97 0.00	29.23 0.88 0.00	31.39 0.94 0.00	43.20 1.42 -0.07	45.74 1.58 -0.15	41.44 1.90 -0.02	34.55 1.95 -0.65	35.24 2.24 -0.56	36.80 2.32 -0.87	40.77 2.52 -1.23	42.99 2.69 -1.86	44.16 2.97 -1.54	45.56 2.76 -1.66	53.49 3.06 -2.65	70.54 3.46 -3.05	71.95 3.25 -2.39	64.56 2.59 -1.67	51.79 2.09 -1.20	42.14 2.06 -0.49	37.46 1.85 -0.63	33.27 1.49 -0.09
MUNSVILLE_WIND_PWR 323609	36.10 2.43 -0.79	33.65 2.31 -0.59	30.86 2.02 -0.37	29.36 1.49 -0.28	30.46 1.76 -0.35	33.12 2.13 -0.55	45.16 2.54 -0.91	48.98 3.26 -1.73	42.05 2.05 -0.48	33.43 1.34 -0.13	33.71 0.97 -0.30	35.33 1.18 -0.54	39.28 1.33 -0.93	41.41 1.42 -1.54	41.00 1.15 -0.21	43.92 1.60 -1.16	50.01 1.91 -0.31	67.63 3.20 -0.40	74.34 4.18 -3.84	67.95 4.10 -3.55	54.35 3.44 -2.40	43.45 2.61 -1.24	37.73 1.92 -0.83	33.97 1.58 -0.68
N SALMON___HYD 24042	33.31 0.43 0.00	31.43 0.68 0.00	29.26 0.80 0.00	28.67 1.07 0.00	29.71 1.36 0.00	32.27 1.83 0.00	44.67 2.96 0.00	46.99 2.99 0.00	42.17 2.65 0.00	33.65 1.69 0.00	34.03 1.59 0.00	35.35 1.75 0.00	38.94 1.92 0.00	39.83 1.38 0.00	41.15 1.51 0.00	42.59 1.44 0.00	49.70 1.91 0.00	67.04 3.01 0.00	69.37 3.05 0.00	63.43 3.13 0.00	50.79 2.28 0.00	41.38 1.78 0.00	36.48 1.50 0.00	32.97 1.27 0.00
N.AKRON__115KV_KNAPP 355671	34.70 1.15 -0.67	32.37 1.11 -0.51	29.47 0.68 -0.32	28.28 0.44 -0.25	29.28 0.62 -0.31	31.44 0.52 -0.48	41.01 -1.50 -0.80	44.67 -0.84 -1.51	38.95 -0.99 -0.42	31.31 -0.67 -0.03	32.11 -0.52 -0.19	33.40 -0.57 -0.36	37.01 -0.67 -0.66	39.26 -0.31 -1.13	38.77 -0.87 0.00	41.36 -0.62 -0.83	46.26 -1.53 0.00	61.28 -2.75 0.00	67.14 -2.32 -3.14	61.71 -1.57 -2.98	48.88 -1.65 -2.02	39.36 -1.27 -1.03	34.72 -0.91 -0.64	32.10 -0.19 -0.59
N.E_GEN_SANDY PD 24062	32.17 0.59 1.30	30.95 0.43 0.23	28.92 0.45 0.00	28.09 0.50 0.00	28.75 0.40 0.00	30.78 0.34 0.00	44.78 0.75 -2.32	43.99 0.62 0.63	40.23 0.71 0.00	29.41 0.70 3.25	30.37 0.75 2.81	30.07 0.77 4.31	31.66 0.81 6.17	30.63 1.00 8.81	33.79 1.15 7.00	34.82 1.03 7.36	38.91 1.39 10.27	52.37 1.60 13.26	58.75 1.39 8.96	55.84 1.09 5.54	45.92 0.87 3.46	38.22 0.91 2.29	32.62 0.81 3.16	32.00 0.73 0.43
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	34.25 1.18 -0.19	31.68 0.89 -0.03	29.29 0.83 0.00	28.39 0.80 0.00	29.09 0.74 0.00	31.24 0.79 0.00	42.92 1.21 0.00	45.41 1.32 -0.09	41.06 1.54 0.00	34.14 1.57 -0.62	34.79 1.82 -0.54	36.31 1.88 -0.82	40.27 2.07 -1.18	42.35 2.23 -1.68	43.43 2.46 -1.33	44.90 2.35 -1.40	52.42 2.68 -1.96	69.57 3.01 -2.53	70.94 2.92 -1.71	63.64 2.29 -1.06	51.01 1.84 -0.66	41.73 1.70 -0.44	37.12 1.54 -0.60	33.02 1.24 -0.08
N.QUEENS_27_KV_LOAD 356247	34.95 1.87 -0.20	32.24 1.45 -0.03	29.75 1.28 0.00	28.83 1.24 0.00	29.51 1.16 0.00	31.63 1.19 0.00	43.43 1.63 -0.09	45.98 1.80 -0.17	41.72 2.17 -0.03	34.84 2.24 -0.65	35.59 2.60 -0.56	37.16 2.69 -0.87	41.22 2.96 -1.23	43.45 3.11 -1.89	44.64 3.41 -1.59	45.95 3.09 -1.72	53.83 3.20 -2.84	70.67 3.46 -3.18	72.29 3.38 -2.59	64.99 2.83 -1.86	51.96 2.09 -1.37	42.47 2.38 -0.50	37.85 2.24 -0.63	33.62 1.84 -0.09
N.TROY___115KV_TB1 355778	33.31 0.62 0.19	31.21 0.49 0.03	28.98 0.51 0.00	28.12 0.52 0.00	28.80 0.45 0.00	30.90 0.46 0.00	53.78 0.92 -11.15	44.65 0.75 0.09	40.19 0.67 0.00	31.89 0.51 0.58	32.33 0.39 0.50	33.21 0.37 0.77	36.33 0.41 1.10	37.42 0.54 1.56	39.04 0.63 1.24	40.55 0.70 1.30	47.03 1.05 1.81	63.16 1.47 2.34	66.26 1.53 1.58	60.52 1.21 0.98	48.92 1.02 0.61	40.06 0.87 0.40	35.16 0.73 0.56	32.29 0.67 0.08
NARROWS_GT1_1 24228	34.88 1.81 -0.20	32.14 1.35 -0.03	29.69 1.22 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.57 1.13 0.00	42.16 1.33 0.89	44.96 1.63 0.66	40.88 1.62 0.26	34.74 2.14 -0.65	35.46 2.46 -0.56	37.06 2.59 -0.87	41.04 2.81 -1.21	42.13 3.00 -0.69	42.84 3.29 0.09	43.01 2.80 0.94	45.14 2.92 5.56	64.53 3.01 2.51	63.22 2.72 5.82	56.38 2.11 6.03	44.54 1.74 5.71	42.00 2.38 -0.03	37.67 2.06 -0.63	33.59 1.81 -0.09
NARROWS_GT1_2 24229	34.88 1.81 -0.20	32.14 1.35 -0.03	29.69 1.22 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.57 1.13 0.00	42.16 1.33 0.89	44.96 1.63 0.66	40.88 1.62 0.26	34.74 2.14 -0.65	35.46 2.46 -0.56	37.06 2.59 -0.87	41.04 2.81 -1.21	42.13 3.00 -0.69	42.84 3.29 0.09	43.01 2.80 0.94	45.14 2.92 5.56	64.53 3.01 2.51	63.22 2.72 5.82	56.38 2.11 6.03	44.54 1.74 5.71	42.00 2.38 -0.03	37.67 2.06 -0.63	33.59 1.81 -0.09
NARROWS_GT1_3 24230	34.88 1.81 -0.20	32.14 1.35 -0.03	29.69 1.22 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.57 1.13 0.00	42.16 1.33 0.89	44.96 1.63 0.66	40.88 1.62 0.26	34.74 2.14 -0.65	35.46 2.46 -0.56	37.06 2.59 -0.87	41.04 2.81 -1.21	42.13 3.00 -0.69	42.84 3.29 0.09	43.01 2.80 0.94	45.14 2.92 5.56	64.53 3.01 2.51	63.22 2.72 5.82	56.38 2.11 6.03	44.54 1.74 5.71	42.00 2.38 -0.03	37.67 2.06 -0.63	33.59 1.81 -0.09
NARROWS_GT1_4 24231	34.88 1.81 -0.20	32.14 1.35 -0.03	29.69 1.22 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.57 1.13 0.00	42.16 1.33 0.89	44.96 1.63 0.66	40.88 1.62 0.26	34.74 2.14 -0.65	35.46 2.46 -0.56	37.06 2.59 -0.87	41.04 2.81 -1.21	42.13 3.00 -0.69	42.84 3.29 0.09	43.01 2.80 0.94	45.14 2.92 5.56	64.53 3.01 2.51	63.22 2.72 5.82	56.38 2.11 6.03	44.54 1.74 5.71	42.00 2.38 -0.03	37.67 2.06 -0.63	33.59 1.81 -0.09
NARROWS_GT1_5 24232	34.88 1.81 -0.20	32.14 1.35 -0.03	29.69 1.22 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.57 1.13 0.00	42.16 1.33 0.89	44.96 1.63 0.66	40.88 1.62 0.26	34.74 2.14 -0.65	35.46 2.46 -0.56	37.06 2.59 -0.87	41.04 2.81 -1.21	42.13 3.00 -0.69	42.84 3.29 0.09	43.01 2.80 0.94	45.14 2.92 5.56	64.53 3.01 2.51	63.22 2.72 5.82	56.38 2.11 6.03	44.54 1.74 5.71	42.00 2.38 -0.03	37.67 2.06 -0.63	33.59 1.81 -0.09

NARROWS_GT1_6 24233	34.88 1.81 -0.20	32.14 1.35 -0.03	29.69 1.22 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.57 1.13 0.00	42.16 1.33 0.89	44.96 1.63 0.66	40.88 1.62 0.26	34.74 2.14 -0.65	35.46 2.46 -0.56	37.06 2.59 -0.87	41.04 2.81 -1.21	42.13 3.00 -0.69	42.84 3.29 0.09	43.01 2.80 0.94	45.14 2.92 5.56	64.53 3.01 2.51	63.22 2.72 5.82	56.38 2.11 6.03	44.54 1.74 5.71	42.00 2.38 -0.03	37.67 2.06 -0.63	33.59 1.81 -0.09
NARROWS_GT1_7 24234	34.88 1.81 -0.20	32.14 1.35 -0.03	29.69 1.22 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.57 1.13 0.00	42.16 1.33 0.89	44.96 1.63 0.66	40.88 1.62 0.26	34.74 2.14 -0.65	35.46 2.46 -0.56	37.06 2.59 -0.87	41.04 2.81 -1.21	42.13 3.00 -0.69	42.84 3.29 0.09	43.01 2.80 0.94	45.14 2.92 5.56	64.53 3.01 2.51	63.22 2.72 5.82	56.38 2.11 6.03	44.54 1.74 5.71	42.00 2.38 -0.03	37.67 2.06 -0.63	33.59 1.81 -0.09
NARROWS_GT1_8 24235	34.88 1.81 -0.20	32.14 1.35 -0.03	29.69 1.22 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.57 1.13 0.00	42.16 1.33 0.89	44.96 1.63 0.66	40.88 1.62 0.26	34.74 2.14 -0.65	35.46 2.46 -0.56	37.06 2.59 -0.87	41.04 2.81 -1.21	42.13 3.00 -0.69	42.84 3.29 0.09	43.01 2.80 0.94	45.14 2.92 5.56	64.53 3.01 2.51	63.22 2.72 5.82	56.38 2.11 6.03	44.54 1.74 5.71	42.00 2.38 -0.03	37.67 2.06 -0.63	33.59 1.81 -0.09
NARROWS_GT2_1 24236	34.88 1.81 -0.20	32.14 1.35 -0.03	29.69 1.22 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.57 1.13 0.00	47.13 1.33 -4.09	49.22 1.63 -3.59	42.31 1.62 -1.18	34.74 2.14 -0.65	35.46 2.46 -0.56	37.06 2.59 -0.87	41.16 2.81 -1.33	49.40 3.00 -7.95	53.00 3.29 -10.07	56.48 2.80 -12.53	87.78 2.92 -37.08	93.40 3.01 -26.36	105.79 2.72 -36.76	96.32 2.11 -33.92	80.38 1.74 -30.12	44.37 2.38 -2.40	37.67 2.06 -0.63	33.59 1.81 -0.09
NARROWS_GT2_2 24237	34.88 1.81 -0.20	32.14 1.35 -0.03	29.69 1.22 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.57 1.13 0.00	47.13 1.33 -4.09	49.22 1.63 -3.59	42.31 1.62 -1.18	34.74 2.14 -0.65	35.46 2.46 -0.56	37.06 2.59 -0.87	41.16 2.81 -1.33	49.40 3.00 -7.95	53.00 3.29 -10.07	56.48 2.80 -12.53	87.78 2.92 -37.08	93.40 3.01 -26.36	105.79 2.72 -36.76	96.32 2.11 -33.92	80.38 1.74 -30.12	44.37 2.38 -2.40	37.67 2.06 -0.63	33.59 1.81 -0.09
NARROWS_GT2_3 24238	34.88 1.81 -0.20	32.14 1.35 -0.03	29.69 1.22 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.57 1.13 0.00	47.13 1.33 -4.09	49.22 1.63 -3.59	42.31 1.62 -1.18	34.74 2.14 -0.65	35.46 2.46 -0.56	37.06 2.59 -0.87	41.16 2.81 -1.33	49.40 3.00 -7.95	53.00 3.29 -10.07	56.48 2.80 -12.53	87.78 2.92 -37.08	93.40 3.01 -26.36	105.79 2.72 -36.76	96.32 2.11 -33.92	80.38 1.74 -30.12	44.37 2.38 -2.40	37.67 2.06 -0.63	33.59 1.81 -0.09
NARROWS_GT2_4 24239	34.88 1.81 -0.20	32.14 1.35 -0.03	29.69 1.22 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.57 1.13 0.00	47.13 1.33 -4.09	49.22 1.63 -3.59	42.31 1.62 -1.18	34.74 2.14 -0.65	35.46 2.46 -0.56	37.06 2.59 -0.87	41.16 2.81 -1.33	49.40 3.00 -7.95	53.00 3.29 -10.07	56.48 2.80 -12.53	87.78 2.92 -37.08	93.40 3.01 -26.36	105.79 2.72 -36.76	96.32 2.11 -33.92	80.38 1.74 -30.12	44.37 2.38 -2.40	37.67 2.06 -0.63	33.59 1.81 -0.09
NARROWS_GT2_5 24240	34.88 1.81 -0.20	32.14 1.35 -0.03	29.69 1.22 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.57 1.13 0.00	47.13 1.33 -4.09	49.22 1.63 -3.59	42.31 1.62 -1.18	34.74 2.14 -0.65	35.46 2.46 -0.56	37.06 2.59 -0.87	41.16 2.81 -1.33	49.40 3.00 -7.95	53.00 3.29 -10.07	56.48 2.80 -12.53	87.78 2.92 -37.08	93.40 3.01 -26.36	105.79 2.72 -36.76	96.32 2.11 -33.92	80.38 1.74 -30.12	44.37 2.38 -2.40	37.67 2.06 -0.63	33.59 1.81 -0.09
NARROWS_GT2_6 24241	34.88 1.81 -0.20	32.14 1.35 -0.03	29.69 1.22 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.57 1.13 0.00	47.13 1.33 -4.09	49.22 1.63 -3.59	42.31 1.62 -1.18	34.74 2.14 -0.65	35.46 2.46 -0.56	37.06 2.59 -0.87	41.16 2.81 -1.33	49.40 3.00 -7.95	53.00 3.29 -10.07	56.48 2.80 -12.53	87.78 2.92 -37.08	93.40 3.01 -26.36	105.79 2.72 -36.76	96.32 2.11 -33.92	80.38 1.74 -30.12	44.37 2.38 -2.40	37.67 2.06 -0.63	33.59 1.81 -0.09
NARROWS_GT2_7 24242	34.88 1.81 -0.20	32.14 1.35 -0.03	29.69 1.22 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.57 1.13 0.00	47.13 1.33 -4.09	49.22 1.63 -3.59	42.31 1.62 -1.18	34.74 2.14 -0.65	35.46 2.46 -0.56	37.06 2.59 -0.87	41.16 2.81 -1.33	49.40 3.00 -7.95	53.00 3.29 -10.07	56.48 2.80 -12.53	87.78 2.92 -37.08	93.40 3.01 -26.36	105.79 2.72 -36.76	96.32 2.11 -33.92	80.38 1.74 -30.12	44.37 2.38 -2.40	37.67 2.06 -0.63	33.59 1.81 -0.09
NARROWS_GT2_8 24243	34.88 1.81 -0.20	32.14 1.35 -0.03	29.69 1.22 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.57 1.13 0.00	47.13 1.33 -4.09	49.22 1.63 -3.59	42.31 1.62 -1.18	34.74 2.14 -0.65	35.46 2.46 -0.56	37.06 2.59 -0.87	41.16 2.81 -1.33	49.40 3.00 -7.95	53.00 3.29 -10.07	56.48 2.80 -12.53	87.78 2.92 -37.08	93.40 3.01 -26.36	105.79 2.72 -36.76	96.32 2.11 -33.92	80.38 1.74 -30.12	44.37 2.38 -2.40	37.67 2.06 -0.63	33.59 1.81 -0.09
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.36 0.53 0.04	31.15 0.40 0.01	28.67 0.20 0.00	27.87 0.28 0.00	28.52 0.17 0.00	30.63 0.18 0.00	37.75 0.88 4.83	44.64 0.66 0.02	39.76 0.24 0.00	32.09 0.22 0.09	32.36 0.00 0.08	33.42 -0.07 0.12	-10.15 -0.07 47.10	15.35 0.00 23.09	39.28 -0.04 0.32	40.98 0.16 0.33	47.89 0.57 0.47	64.52 1.09 0.60	67.30 1.39 0.41	61.25 1.21 0.25	49.42 1.07 0.16	40.20 0.71 0.10	35.61 0.77 0.14	32.31 0.63 0.02
NCHELSEA_115KV_TR2 355582	34.41 1.35 -0.19	31.86 1.08 -0.03	29.43 0.97 0.00	28.56 0.97 0.00	29.23 0.88 0.00	31.36 0.91 0.00	43.17 1.46 0.00	45.63 1.54 -0.09	41.14 1.62 0.00	34.07 1.50 -0.61	34.66 1.69 -0.53	36.17 1.75 -0.82	38.68 1.89 0.23	41.50 2.08 -0.98	43.26 2.30 -1.32	44.80 2.26 -1.39	52.40 2.68 -1.94	69.67 3.14 -2.50	71.19 3.18 -1.69	63.93 2.59 -1.05	51.29 2.13 -0.65	41.85 1.82 -0.43	37.18 1.61 -0.60	33.08 1.30 -0.08
NEG CAPITAL___MECHNVIL 23645	33.77 1.05 0.17	31.59 0.86 0.03	29.29 0.83 0.00	28.42 0.83 0.00	29.14 0.79 0.00	31.30 0.85 0.00	50.31 1.37 -7.22	45.24 1.32 0.08	40.62 1.10 0.00	32.17 0.70 0.48	32.51 0.49 0.42	33.44 0.47 0.64	36.58 0.48 0.92	37.71 0.58 1.31	39.28 0.67 1.03	40.93 0.87 1.09	47.61 1.34 1.52	64.25 2.18 1.96	67.45 2.46 1.32	61.59 2.11 0.82	49.74 1.74 0.51	40.60 1.35 0.34	35.67 1.15 0.47	32.68 1.04 0.06
NEG CENTRAL_HIGH_ACRES 23767	34.68 0.89 -0.91	32.31 0.86 -0.70	29.51 0.60 -0.44	28.40 0.47 -0.34	29.34 0.57 -0.42	31.71 0.61 -0.66	43.05 0.25 -1.09	46.80 0.75 -2.05	40.49 0.40 -0.57	32.25 0.25 -0.04	33.12 0.42 -0.26	34.44 0.34 -0.49	38.43 0.52 -0.90	40.71 0.73 -1.53	40.20 0.55 0.00	41.12 -0.99 -0.95	46.26 -1.53 0.00	61.79 -2.24 0.00	68.01 -1.93 -3.62	62.34 -1.38 -3.43	49.43 -1.41 -2.33	39.47 -1.31 -1.19	34.57 -1.15 -0.74	31.36 -1.02 -0.68

NEG CENTRAL___DRP 24199	34.58 0.53 -1.17	32.15 0.49 -0.90	29.38 0.34 -0.57	28.25 0.22 -0.44	29.18 0.28 -0.55	31.60 0.30 -0.85	42.95 -0.17 -1.41	46.74 0.09 -2.65	40.14 -0.12 -0.74	31.97 -0.03 -0.05	32.77 0.00 -0.33	34.21 -0.03 -0.64	38.14 -0.04 -1.16	40.54 0.12 -1.98	39.64 0.00 0.00	42.65 0.04 -1.46	47.64 -0.14 0.00	63.84 -0.19 0.00	72.18 0.33 -5.53	66.02 0.48 -5.24	52.26 0.19 -3.55	41.29 -0.12 -1.81	36.08 -0.03 -1.13	32.77 0.03 -1.04
NEG CENTRAL___INDECK 23768	35.44 1.84 -0.72	33.09 1.78 -0.55	30.18 1.37 -0.35	29.02 1.16 -0.27	29.96 1.28 -0.34	32.31 1.34 -0.52	43.08 0.50 -0.87	46.73 1.10 -1.63	40.33 0.35 -0.46	32.08 0.10 -0.03	32.87 0.23 -0.20	34.14 0.13 -0.39	37.84 0.11 -0.71	40.09 0.42 -1.22	39.76 0.12 0.00	42.34 0.29 -0.90	47.84 0.05 0.00	64.22 0.19 0.00	70.92 1.19 -3.41	65.03 1.51 -3.23	51.47 0.77 -2.19	41.03 0.32 -1.12	35.85 0.18 -0.70	32.50 0.16 -0.64
NEG CENTRAL___SENECA 23627	34.66 0.85 -0.92	32.26 0.80 -0.71	29.48 0.57 -0.45	28.35 0.41 -0.34	29.29 0.51 -0.43	31.66 0.55 -0.67	42.65 -0.17 -1.11	46.31 0.22 -2.09	39.98 -0.12 -0.58	32.02 0.03 -0.04	32.80 0.10 -0.26	34.14 0.03 -0.50	38.01 0.07 -0.91	40.27 0.27 -1.56	39.72 0.08 0.00	42.42 0.12 -1.15	47.64 -0.14 0.00	63.84 -0.19 0.00	71.13 0.46 -4.35	65.08 0.66 -4.12	51.50 0.19 -2.80	40.86 -0.16 -1.43	35.87 0.00 -0.89	32.64 0.13 -0.82
NEG CENTRAL___STATE_STREET 24147	34.55 0.33 -1.34	32.06 0.28 -1.03	29.29 0.17 -0.65	28.20 0.11 -0.50	29.12 0.14 -0.63	31.57 0.15 -0.97	43.27 -0.04 -1.61	47.21 0.18 -3.03	40.33 -0.04 -0.85	31.98 -0.03 -0.06	32.82 0.00 -0.38	34.31 -0.03 -0.73	38.34 0.00 -1.32	40.79 0.08 -2.27	39.68 0.04 0.00	42.90 0.08 -1.67	47.79 0.00 0.00	64.10 0.06 0.00	73.17 0.53 -6.32	66.89 0.60 -5.99	52.91 0.34 -4.07	41.75 0.08 -2.07	36.31 0.03 -1.30	32.92 0.03 -1.19
NEG MILLWOOD___DRP 24198	34.49 1.41 -0.20	31.93 1.14 -0.03	29.52 1.05 0.00	28.64 1.05 0.00	29.31 0.96 0.00	31.45 1.00 0.00	43.25 1.54 0.00	45.81 1.72 -0.09	41.34 1.82 0.00	34.26 1.66 -0.64	34.88 1.88 -0.56	36.41 1.95 -0.85	40.39 2.15 -1.22	42.46 2.27 -1.74	43.56 2.54 -1.38	45.07 2.47 -1.45	52.78 2.96 -2.03	70.05 3.39 -2.62	71.54 3.45 -1.77	64.23 2.83 -1.10	51.52 2.33 -0.68	42.06 2.02 -0.45	37.35 1.75 -0.62	33.21 1.43 -0.08
NEG NORTH_FLCN_SEA 23793	32.88 0.00 0.00	31.19 0.43 0.00	29.24 0.77 0.00	28.80 1.21 0.00	29.99 1.64 0.00	32.64 2.19 0.00	45.17 3.46 0.00	47.52 3.52 0.00	42.64 3.12 0.00	34.06 2.11 0.00	34.45 2.01 0.00	35.76 2.15 0.00	39.35 2.33 0.00	40.25 1.81 0.00	41.58 1.94 0.00	42.96 1.81 0.00	50.27 2.48 0.00	67.94 3.91 0.00	70.10 3.78 0.00	63.91 3.62 0.00	51.08 2.57 0.00	41.57 1.98 0.00	36.66 1.68 0.00	33.19 1.49 0.00
NEG NORTH_KES_CHATEGAY 23792	32.75 -0.13 0.00	30.94 0.18 0.00	28.89 0.43 0.00	28.34 0.74 0.00	29.40 1.05 0.00	31.91 1.46 0.00	44.09 2.38 0.00	46.38 2.38 0.00	41.61 2.09 0.00	33.33 1.37 0.00	33.67 1.23 0.00	34.95 1.34 0.00	38.50 1.48 0.00	39.48 1.04 0.00	40.75 1.11 0.00	42.18 1.03 0.00	49.27 1.48 0.00	66.53 2.50 0.00	68.70 2.39 0.00	62.65 2.35 0.00	50.11 1.60 0.00	40.82 1.23 0.00	35.99 1.01 0.00	32.59 0.89 0.00
NEG NORTH___ALICE_FALLS 23915	33.01 0.13 0.00	31.31 0.55 0.00	29.29 0.83 0.00	28.83 1.24 0.00	29.99 1.64 0.00	32.67 2.22 0.00	45.25 3.55 0.00	47.61 3.61 0.00	42.68 3.16 0.00	34.06 2.11 0.00	34.39 1.95 0.00	35.73 2.12 0.00	39.35 2.33 0.00	40.21 1.77 0.00	41.54 1.90 0.00	42.96 1.81 0.00	50.27 2.48 0.00	68.07 4.03 0.00	70.30 3.98 0.00	64.16 3.86 0.00	51.22 2.72 0.00	41.69 2.10 0.00	36.73 1.75 0.00	33.22 1.52 0.00
NEG NORTH___LWR_SARANAC 23913	33.01 0.13 0.00	31.31 0.55 0.00	29.29 0.83 0.00	28.83 1.24 0.00	29.99 1.64 0.00	32.67 2.22 0.00	45.25 3.55 0.00	47.61 3.61 0.00	42.68 3.16 0.00	34.06 2.11 0.00	34.39 1.95 0.00	35.73 2.12 0.00	39.35 2.33 0.00	40.21 1.77 0.00	41.54 1.90 0.00	42.96 1.81 0.00	50.27 2.48 0.00	68.07 4.03 0.00	70.30 3.98 0.00	64.16 3.86 0.00	51.22 2.72 0.00	41.69 2.10 0.00	36.73 1.75 0.00	33.22 1.52 0.00
NEG NORTH___PLATTSBURG 23628	33.01 0.13 0.00	31.31 0.55 0.00	29.29 0.83 0.00	28.83 1.24 0.00	29.99 1.64 0.00	32.67 2.22 0.00	45.25 3.54 0.00	47.61 3.61 0.00	42.68 3.16 0.00	34.06 2.11 0.00	34.39 1.95 0.00	35.73 2.12 0.00	39.35 2.33 0.00	40.21 1.77 0.00	41.54 1.90 0.00	43.01 1.85 0.00	50.27 2.48 0.00	68.00 3.97 0.00	70.30 3.98 0.00	64.16 3.86 0.00	51.32 2.81 0.00	41.69 2.10 0.00	36.73 1.75 0.00	33.22 1.52 0.00
NEG WEST_LEA_LOCKPORT 23791	34.37 0.82 -0.67	32.04 0.77 -0.51	29.13 0.34 -0.32	27.95 0.11 -0.25	28.97 0.31 -0.31	31.08 0.15 -0.48	40.26 -2.25 -0.80	43.66 -1.85 -1.51	38.16 -1.78 -0.42	30.74 -1.25 -0.03	31.56 -1.07 -0.19	32.90 -1.08 -0.36	36.38 -1.30 -0.66	38.61 -0.96 -1.13	38.21 -1.43 0.00	40.79 -1.19 -0.83	45.54 -2.25 0.00	60.13 -3.91 0.00	65.82 -3.65 -3.15	60.45 -2.83 -2.98	48.01 -2.52 -2.03	38.77 -1.86 -1.03	34.19 -1.43 -0.65	31.75 -0.54 -0.59
NEG WEST___LANCASTR 23811	34.12 0.56 -0.68	31.77 0.49 -0.52	28.97 0.17 -0.33	27.76 -0.08 -0.25	28.81 0.14 -0.32	31.03 0.09 -0.49	40.61 -1.92 -0.82	44.22 -1.32 -1.54	38.57 -1.38 -0.43	31.12 -0.86 -0.03	31.95 -0.68 -0.19	33.31 -0.67 -0.37	36.84 -0.85 -0.67	39.13 -0.46 -1.15	38.81 -0.83 0.00	41.42 -0.58 -0.85	46.45 -1.34 0.00	61.47 -2.56 0.00	67.41 -2.12 -3.21	61.59 -1.75 -3.05	48.73 -1.84 -2.07	39.10 -1.54 -1.05	34.34 -1.29 -0.66	31.57 -0.73 -0.60
NEG_PENN_ALLEGHNY 23528	34.26 0.59 -0.79	31.90 0.55 -0.59	29.26 0.43 -0.37	28.18 0.30 -0.28	29.07 0.37 -0.35	31.36 0.37 -0.55	42.66 0.04 -0.91	45.99 0.27 -1.73	40.12 0.12 -0.48	32.28 0.19 -0.14	33.04 0.29 -0.31	34.46 0.30 -0.55	38.30 0.33 -0.95	40.47 0.46 -1.56	40.30 0.44 -0.23	42.83 0.50 -1.18	48.55 0.43 -0.33	64.91 0.45 -0.43	70.91 0.73 -3.86	64.52 0.66 -3.56	51.35 0.44 -2.41	41.08 0.24 -1.24	35.95 0.14 -0.83	32.51 0.13 -0.68
NEG___GEN_MONROE 24207	34.43 0.89 -0.66	32.16 0.89 -0.51	29.33 0.54 -0.32	28.22 0.39 -0.25	29.17 0.51 -0.31	31.38 0.46 -0.48	41.58 -0.92 -0.79	45.01 -0.48 -1.50	39.30 -0.63 -0.42	31.60 -0.38 -0.03	32.37 -0.26 -0.19	33.67 -0.30 -0.36	37.34 -0.33 -0.65	39.49 -0.08 -1.12	39.13 -0.52 0.00	41.69 -0.29 -0.82	46.88 -0.91 0.00	62.37 -1.66 0.00	68.18 -1.26 -3.12	62.65 -0.60 -2.96	49.69 -0.82 -2.01	39.87 -0.75 -1.02	35.10 -0.52 -0.64	32.22 -0.06 -0.59
NEPA___ENERGY 23901	34.68 1.12 -0.68	32.29 1.01 -0.52	29.45 0.65 -0.33	28.20 0.36 -0.25	29.29 0.62 -0.32	31.55 0.61 -0.49	41.23 -1.29 -0.82	44.83 -0.70 -1.54	39.04 -0.91 -0.43	31.54 -0.45 -0.03	32.37 -0.26 -0.19	33.78 -0.20 -0.37	37.36 -0.33 -0.67	39.67 0.08 -1.15	39.36 -0.28 0.00	41.96 -0.04 -0.85	47.02 -0.76 0.00	62.24 -1.79 0.00	68.20 -1.33 -3.21	62.25 -1.09 -3.04	49.26 -1.31 -2.06	39.54 -1.11 -1.05	34.69 -0.94 -0.66	31.98 -0.32 -0.60

NEVERSINK___HYD 23608	34.34 1.32 -0.15	31.89 1.11 -0.03	29.44 0.97 0.00	28.50 0.91 0.00	29.23 0.88 0.00	31.36 0.91 0.00	43.13 1.42 0.00	46.00 1.93 -0.07	41.22 1.70 0.00	33.98 1.53 -0.49	34.48 1.62 -0.42	35.97 1.71 -0.65	35.74 1.89 3.17	39.81 2.04 0.67	42.90 2.22 -1.04	44.51 2.26 -1.09	52.13 2.82 -1.53	69.08 3.07 -1.97	70.77 3.12 -1.33	63.84 2.72 -0.82	51.21 2.18 -0.51	41.76 1.82 -0.34	36.95 1.50 -0.47	33.00 1.23 -0.06
NEWKRMKL_115KV_TB1 55635	32.57 -0.20 0.12	30.49 -0.25 0.02	28.32 -0.14 0.00	27.54 -0.06 0.00	28.18 -0.17 0.00	30.26 -0.18 0.00	33.56 0.00 8.15	43.68 -0.26 0.06	39.36 -0.16 0.00	31.42 -0.13 0.40	31.90 -0.19 0.35	32.87 -0.20 0.53	36.03 -0.22 0.76	37.20 -0.15 1.09	38.67 -0.12 0.86	40.13 -0.12 0.90	46.53 0.00 1.26	62.35 -0.06 1.62	65.09 -0.13 1.10	59.32 -0.30 0.68	47.99 -0.10 0.42	39.24 -0.08 0.28	34.63 0.03 0.39	31.68 0.03 0.05
NEWTON___FALLS_HYD 23847	34.12 0.79 -0.45	31.93 0.83 -0.35	29.37 0.68 -0.22	28.31 0.55 -0.17	29.24 0.68 -0.21	31.71 0.94 -0.33	43.71 1.46 -0.54	46.65 1.63 -1.02	40.95 1.15 -0.28	32.58 0.61 -0.02	32.99 0.42 -0.13	34.39 0.54 -0.25	38.06 0.59 -0.44	39.55 0.35 -0.76	39.76 0.12 0.00	41.84 0.12 -0.56	47.93 0.14 0.00	64.61 0.58 0.00	69.24 0.80 -2.12	63.39 1.09 -2.01	50.79 0.92 -1.36	41.24 0.95 -0.70	36.25 0.84 -0.44	32.76 0.67 -0.40
NGRID_A1_DSASP 323792	34.43 0.89 -0.67	32.10 0.83 -0.51	29.22 0.43 -0.32	27.98 0.14 -0.25	29.00 0.34 -0.31	31.11 0.18 -0.48	39.50 -3.00 -0.80	42.78 -2.73 -1.50	37.41 -2.53 -0.42	30.19 -1.79 -0.03	31.04 -1.59 -0.19	32.36 -1.61 -0.36	35.75 -1.93 -0.66	37.95 -1.61 -1.12	37.54 -2.10 0.00	40.00 -1.97 -0.83	44.73 -3.06 0.00	58.97 -5.06 0.00	64.55 -4.91 -3.14	59.05 -4.22 -2.97	47.13 -3.40 -2.02	38.09 -2.53 -1.03	33.59 -2.03 -0.64	31.30 -0.98 -0.59
NGRID_A2_DSASP 323793	34.43 0.89 -0.67	32.10 0.83 -0.51	29.22 0.43 -0.32	27.98 0.14 -0.25	29.00 0.34 -0.31	31.11 0.18 -0.48	39.50 -3.00 -0.80	42.78 -2.73 -1.50	37.41 -2.53 -0.42	30.19 -1.79 -0.03	31.04 -1.59 -0.19	32.36 -1.61 -0.36	35.75 -1.93 -0.66	37.95 -1.61 -1.12	37.54 -2.10 0.00	40.00 -1.97 -0.83	44.73 -3.06 0.00	58.97 -5.06 0.00	64.55 -4.91 -3.14	59.05 -4.22 -2.97	47.13 -3.40 -2.02	38.09 -2.53 -1.03	33.59 -2.03 -0.64	31.30 -0.98 -0.59
NGRID_A4_DSASP 323807	34.43 0.89 -0.67	32.10 0.83 -0.51	29.22 0.43 -0.32	27.98 0.14 -0.25	29.00 0.34 -0.31	31.11 0.18 -0.48	39.50 -3.00 -0.80	42.78 -2.73 -1.50	37.41 -2.53 -0.42	30.19 -1.79 -0.03	31.04 -1.59 -0.19	32.36 -1.61 -0.36	35.75 -1.93 -0.66	37.95 -1.61 -1.12	37.54 -2.10 0.00	40.00 -1.97 -0.83	44.73 -3.06 0.00	58.97 -5.06 0.00	64.55 -4.91 -3.14	59.05 -4.22 -2.97	47.13 -3.40 -2.02	38.09 -2.53 -1.03	33.59 -2.03 -0.64	31.30 -0.98 -0.59
NIAGARA_115E_LBMP 323715	33.94 0.40 -0.67	31.64 0.37 -0.51	28.76 -0.03 -0.32	27.56 -0.28 -0.25	28.58 -0.08 -0.31	30.65 -0.27 -0.48	39.59 -2.92 -0.80	42.96 -2.55 -1.51	37.49 -2.45 -0.42	30.22 -1.76 -0.03	31.10 -1.52 -0.19	32.39 -1.58 -0.36	35.83 -1.85 -0.66	38.03 -1.54 -1.13	37.62 -2.02 0.00	40.09 -1.89 -0.83	44.82 -2.96 0.00	59.16 -4.87 0.00	64.63 -4.84 -3.15	59.18 -4.10 -2.98	47.28 -3.25 -2.03	38.17 -2.45 -1.03	33.56 -2.06 -0.65	30.83 -1.46 -0.59
NIAGARA_115W_LBMP 323714	34.40 0.85 -0.67	32.06 0.80 -0.51	29.19 0.40 -0.32	27.95 0.11 -0.25	28.97 0.31 -0.31	31.08 0.15 -0.48	39.38 -3.13 -0.80	42.69 -2.82 -1.50	37.29 -2.65 -0.42	30.10 -1.89 -0.03	30.97 -1.65 -0.19	32.26 -1.71 -0.36	35.68 -2.00 -0.66	37.84 -1.73 -1.12	37.46 -2.18 0.00	39.92 -2.06 -0.83	44.59 -3.20 0.00	58.85 -5.18 0.00	64.35 -5.11 -3.14	58.93 -4.34 -2.97	47.03 -3.49 -2.02	38.01 -2.61 -1.03	33.53 -2.10 -0.64	31.27 -1.02 -0.59
NIAGARA_230_LBMP 323716	34.20 0.66 -0.66	31.91 0.65 -0.51	29.01 0.23 -0.32	27.81 -0.03 -0.25	28.83 0.17 -0.31	30.95 0.03 -0.48	40.00 -2.50 -0.79	43.30 -2.20 -1.50	37.84 -2.10 -0.42	30.54 -1.44 -0.03	31.43 -1.20 -0.19	32.73 -1.24 -0.36	36.19 -1.48 -0.65	38.37 -1.19 -1.12	38.01 -1.63 0.00	40.50 -1.48 -0.82	45.25 -2.53 0.00	59.80 -4.23 0.00	65.33 -4.11 -3.12	59.82 -3.43 -2.96	47.70 -2.81 -2.01	38.56 -2.06 -1.02	33.91 -1.71 -0.64	31.14 -1.14 -0.59
NIAGARA___115KV_198_GIBSON 55903	34.40 0.85 -0.67	32.06 0.80 -0.51	29.16 0.37 -0.32	27.95 0.11 -0.25	28.97 0.31 -0.31	31.05 0.12 -0.48	39.38 -3.13 -0.80	42.69 -2.82 -1.50	37.37 -2.57 -0.42	30.16 -1.82 -0.03	30.97 -1.65 -0.19	32.26 -1.71 -0.36	35.68 -2.00 -0.66	37.84 -1.73 -1.12	37.46 -2.18 0.00	40.00 -1.98 -0.83	44.59 -3.20 0.00	58.72 -5.31 0.00	64.41 -5.04 -3.13	59.10 -4.16 -2.97	46.98 -3.54 -2.01	38.01 -2.61 -1.03	33.70 -1.92 -0.64	31.84 -0.44 -0.59
NIAGARA____ 23760	34.21 0.66 -0.67	31.91 0.65 -0.51	29.02 0.23 -0.32	27.81 -0.03 -0.25	28.83 0.17 -0.31	30.96 0.03 -0.48	40.00 -2.50 -0.80	43.30 -2.20 -1.50	37.84 -2.10 -0.42	30.54 -1.44 -0.03	31.43 -1.20 -0.19	32.73 -1.24 -0.36	36.19 -1.48 -0.66	38.37 -1.19 -1.12	38.01 -1.63 0.00	40.50 -1.48 -0.83	45.25 -2.53 0.00	59.80 -4.23 0.00	65.34 -4.11 -3.14	59.83 -3.43 -2.97	47.71 -2.81 -2.02	38.56 -2.06 -1.03	33.91 -1.71 -0.65	31.15 -1.14 -0.59
NINE_MILE_1 23575	24.25 -0.72 7.91	23.98 -0.71 6.07	23.95 -0.68 3.84	23.96 -0.69 2.94	23.94 -0.71 3.70	23.98 -0.76 5.71	31.06 -1.17 9.48	24.93 -1.19 17.88	33.41 -1.11 5.00	30.73 -0.89 0.33	29.29 -0.91 2.24	28.36 -0.94 4.30	28.19 -1.04 7.79	24.09 -1.00 13.35	38.57 -1.07 0.00	30.21 -1.11 9.83	46.50 -1.29 0.00	62.24 -1.79 0.00	27.32 -1.72 37.27	23.48 -1.51 35.31	23.34 -1.21 23.96	26.31 -1.07 12.21	26.39 -0.94 7.65	23.84 -0.85 7.00
NINE_MILE_2 23744	24.11 -0.72 8.05	23.88 -0.71 6.17	23.88 -0.68 3.90	23.91 -0.69 2.99	23.88 -0.71 3.76	23.88 -0.76 5.81	30.90 -1.17 9.64	24.63 -1.19 18.18	33.33 -1.11 5.08	30.72 -0.89 0.34	29.25 -0.91 2.28	28.29 -0.94 4.38	28.10 -1.00 7.93	23.87 -1.00 13.58	38.57 -1.07 0.00	30.04 -1.11 10.00	46.50 -1.29 0.00	62.24 -1.79 0.00	26.69 -1.72 37.90	22.88 -1.51 35.91	22.93 -1.21 24.37	26.11 -1.07 12.42	26.26 -0.94 7.78	23.72 -0.85 7.12
NM_CAPITAL___DRP 24208	32.68 -0.07 0.13	30.58 -0.15 0.02	28.41 -0.06 0.00	27.62 0.03 0.00	28.26 -0.09 0.00	30.32 -0.12 0.00	32.76 0.13 9.07	43.81 -0.13 0.06	39.48 -0.04 0.00	31.51 0.00 0.44	31.99 -0.06 0.38	32.96 -0.07 0.58	36.11 -0.07 0.84	37.25 0.00 1.19	38.78 0.08 0.94	40.21 0.04 0.99	46.60 0.19 1.37	62.38 0.13 1.78	65.18 0.07 1.20	59.43 -0.12 0.74	48.04 0.00 0.46	39.33 0.04 0.31	34.66 0.10 0.42	31.74 0.10 0.06
NM_CENTRAL___DRP 24181	33.82 -0.07 -1.01	31.47 -0.06 -0.77	28.84 -0.11 -0.49	27.80 -0.17 -0.37	28.65 -0.17 -0.47	30.96 -0.21 -0.73	42.41 -0.50 -1.21	45.88 -0.40 -2.28	39.72 -0.43 -0.64	31.64 -0.35 -0.04	32.40 -0.32 -0.29	33.82 -0.34 -0.55	37.68 -0.33 -0.99	39.84 -0.31 -1.70	39.32 -0.32 0.00	42.12 -0.29 -1.25	47.36 -0.43 0.00	63.46 -0.58 0.00	70.73 -0.33 -4.75	64.55 -0.24 -4.50	51.32 -0.24 -3.05	40.79 -0.36 -1.56	35.67 -0.28 -0.97	32.40 -0.19 -0.89

NM_FRONTIER___DRP 24179	34.40 0.85 -0.67	32.06 0.80 -0.51	29.16 0.37 -0.32	27.95 0.11 -0.25	28.97 0.31 -0.31	31.05 0.12 -0.48	39.38 -3.13 -0.80	42.69 -2.82 -1.50	37.37 -2.57 -0.42	30.16 -1.82 -0.03	30.97 -1.65 -0.19	32.26 -1.71 -0.36	35.68 -2.00 -0.66	37.84 -1.73 -1.12	37.46 -2.18 0.00	40.00 -1.98 -0.83	44.59 -3.20 0.00	58.72 -5.31 0.00	64.41 -5.04 -3.13	59.10 -4.16 -2.97	46.98 -3.54 -2.01	38.01 -2.61 -1.03	33.70 -1.92 -0.64	31.84 -0.44 -0.59
NM_ST_REGIS___HYD 24053	33.69 0.59 -0.22	31.63 0.71 -0.17	29.28 0.71 -0.10	28.47 0.80 -0.08	29.44 0.99 -0.10	31.94 1.34 -0.16	44.14 2.17 -0.26	46.69 2.20 -0.49	41.47 1.82 -0.14	33.11 1.15 -0.01	33.54 1.04 -0.06	34.90 1.18 -0.12	38.53 1.30 -0.21	39.65 0.85 -0.36	40.51 0.87 0.00	42.24 0.82 -0.27	48.79 1.00 0.00	65.70 1.66 0.00	68.92 1.59 -1.02	63.07 1.81 -0.96	50.57 1.41 -0.65	41.23 1.31 -0.33	36.34 1.15 -0.21	32.84 0.95 -0.19
NORTHPORT___1 23551	34.66 1.58 -0.20	31.65 0.86 -0.03	29.18 0.71 0.00	28.28 0.69 0.00	28.92 0.57 0.00	31.24 0.79 0.00	42.83 1.13 0.00	45.37 1.28 -0.09	41.38 1.86 0.00	34.90 2.30 -0.65	35.51 2.50 -0.57	36.93 2.45 -0.87	40.93 2.67 -1.24	42.90 2.69 -1.77	43.86 2.81 -1.40	44.89 2.26 -1.47	52.46 2.63 -2.04	68.52 1.86 -2.63	69.68 1.59 -1.78	62.48 1.09 -1.10	50.22 1.02 -0.69	42.19 2.14 -0.46	37.53 1.92 -0.63	33.52 1.74 -0.09
NORTHPORT___2 23552	34.66 1.58 -0.20	31.65 0.86 -0.03	29.18 0.71 0.00	28.28 0.69 0.00	28.92 0.57 0.00	31.24 0.79 0.00	42.83 1.13 0.00	45.37 1.28 -0.09	41.38 1.86 0.00	34.90 2.30 -0.65	35.51 2.50 -0.57	36.93 2.45 -0.87	40.93 2.67 -1.24	42.90 2.69 -1.77	43.86 2.81 -1.40	44.89 2.26 -1.47	52.46 2.63 -2.04	68.52 1.86 -2.63	69.68 1.59 -1.78	62.48 1.09 -1.10	50.22 1.02 -0.69	42.19 2.14 -0.46	37.53 1.92 -0.63	33.52 1.74 -0.09
NORTHPORT___3 23553	33.93 0.85 -0.20	31.03 0.24 -0.03	28.61 0.14 0.00	27.73 0.14 0.00	28.38 0.03 0.00	30.60 0.15 0.00	42.00 0.29 0.00	44.05 -0.04 -0.09	40.54 1.03 0.00	34.20 1.60 -0.65	34.76 1.75 -0.57	36.22 1.75 -0.87	40.07 1.81 -1.24	41.74 1.54 -1.76	42.74 1.70 -1.39	43.97 1.36 -1.47	51.40 1.57 -2.04	67.36 0.71 -2.63	68.49 0.40 -1.77	61.38 0.00 -1.09	49.29 0.10 -0.68	41.05 0.99 -0.46	36.90 1.30 -0.63	32.89 1.11 -0.09
NORTHPORT___4 23650	33.93 0.85 -0.20	31.03 0.24 -0.03	28.61 0.14 0.00	27.73 0.14 0.00	28.38 0.03 0.00	30.60 0.15 0.00	42.00 0.29 0.00	44.05 -0.04 -0.09	40.54 1.03 0.00	34.20 1.60 -0.65	34.76 1.75 -0.57	36.22 1.75 -0.87	40.07 1.81 -1.24	41.74 1.54 -1.76	42.74 1.70 -1.39	43.97 1.36 -1.47	51.40 1.57 -2.04	67.36 0.71 -2.63	68.49 0.40 -1.77	61.38 0.00 -1.09	49.29 0.10 -0.68	41.05 0.99 -0.46	36.90 1.30 -0.63	32.89 1.11 -0.09
NORTHPORT___IC 23718	34.66 1.58 -0.20	31.65 0.86 -0.03	29.15 0.68 0.00	28.28 0.69 0.00	28.92 0.57 0.00	31.30 0.85 0.00	43.00 1.29 0.00	45.37 1.28 -0.09	41.45 1.94 0.00	34.90 2.30 -0.65	35.51 2.50 -0.57	36.93 2.45 -0.87	40.93 2.67 -1.24	42.90 2.69 -1.77	43.86 2.81 -1.40	44.97 2.35 -1.47	52.22 2.39 -2.04	68.39 1.73 -2.63	69.55 1.46 -1.78	62.30 0.90 -1.10	50.22 1.02 -0.69	42.27 2.22 -0.46	37.53 1.92 -0.63	33.59 1.81 -0.09
NORTH___COUNTRY_ESR 323785	32.65 -0.23 0.00	30.85 0.09 0.00	28.81 0.34 0.00	28.25 0.66 0.00	29.31 0.96 0.00	31.78 1.34 0.00	43.92 2.21 0.00	46.24 2.24 0.00	41.49 1.98 0.00	33.26 1.31 0.00	33.64 1.20 0.00	34.89 1.28 0.00	38.43 1.41 0.00	39.44 1.00 0.00	40.71 1.07 0.00	42.18 1.03 0.00	49.17 1.39 0.00	66.27 2.24 0.00	68.50 2.19 0.00	62.41 2.11 0.00	49.96 1.45 0.00	40.70 1.11 0.00	35.89 0.91 0.00	32.49 0.79 0.00
NPX_GEN_1385_PROXY 323591	34.66 1.58 -0.20	31.65 0.86 -0.03	29.18 0.71 0.00	28.28 0.69 0.00	28.92 0.57 0.00	31.24 0.79 0.00	42.83 1.13 0.00	45.37 1.28 -0.09	41.38 1.86 0.00	34.90 2.30 -0.65	35.51 2.50 -0.57	36.93 2.45 -0.87	40.93 2.67 -1.24	42.90 2.69 -1.77	43.86 2.81 -1.40	44.89 2.26 -1.47	52.46 2.63 -2.04	68.52 1.86 -2.63	69.68 1.59 -1.78	62.48 1.09 -1.10	50.22 1.02 -0.69	42.19 2.14 -0.46	37.53 1.92 -0.63	33.52 1.74 -0.09
NPX_GEN_CSC 323557	34.13 1.05 -0.20	31.03 0.24 -0.03	28.58 0.11 0.00	27.73 0.14 0.00	28.32 -0.03 0.00	30.66 0.21 0.00	42.17 0.46 0.00	44.76 0.66 -0.09	40.82 1.30 0.00	34.49 1.88 -0.65	35.15 2.14 -0.57	36.39 1.91 -0.87	40.33 2.07 -1.24	42.36 2.15 -1.77	43.46 2.42 -1.40	44.68 2.06 -1.47	52.08 2.25 -2.04	67.69 1.02 -2.63	68.76 0.66 -1.78	61.57 0.18 -1.10	49.58 0.39 -0.69	41.60 1.54 -0.46	36.76 1.15 -0.63	32.96 1.17 -0.09
NSINS_S_GLNS_FALLS 23858	33.76 1.02 0.14	31.53 0.80 0.03	29.24 0.77 0.00	28.36 0.77 0.00	29.09 0.74 0.00	31.27 0.82 0.00	48.24 1.33 -5.20	45.21 1.28 0.07	40.47 0.95 0.00	32.05 0.51 0.41	32.24 0.16 0.36	33.13 0.07 0.55	36.24 0.00 0.78	37.36 0.04 1.12	38.84 0.08 0.89	40.67 0.45 0.93	47.40 0.91 1.30	64.28 1.92 1.68	67.64 2.45 1.13	61.71 2.11 0.70	49.77 1.70 0.44	40.57 1.27 0.29	35.56 0.98 0.40	32.56 0.92 0.05
NUCOR_STEEL___DRP 24197	34.60 0.33 -1.40	32.13 0.31 -1.07	29.34 0.20 -0.68	28.22 0.11 -0.52	29.14 0.14 -0.65	31.60 0.15 -1.01	43.34 -0.04 -1.67	47.29 0.13 -3.15	40.36 -0.04 -0.88	31.98 -0.03 -0.06	32.83 0.00 -0.40	34.33 -0.03 -0.76	38.40 0.00 -1.37	40.91 0.12 -2.36	39.68 0.04 0.00	42.97 0.08 -1.73	47.79 0.00 0.00	64.03 0.00 0.00	73.29 0.40 -6.57	67.07 0.54 -6.23	53.07 0.34 -4.23	41.83 0.08 -2.15	36.40 0.07 -1.35	33.00 0.06 -1.24
NUMBER_THREE_WT_PWR 323818	34.42 0.99 -0.55	32.16 0.98 -0.42	29.45 0.71 -0.27	28.21 0.41 -0.21	29.09 0.48 -0.26	31.54 0.70 -0.40	43.45 1.08 -0.66	46.61 1.37 -1.25	40.66 0.79 -0.35	32.33 0.35 -0.02	32.73 0.13 -0.16	34.11 0.20 -0.30	37.75 0.19 -0.54	39.41 0.04 -0.93	39.28 -0.36 0.00	41.63 -0.20 -0.69	47.55 -0.24 0.00	64.22 0.19 0.00	69.58 0.66 -2.60	63.67 0.91 -2.47	50.95 0.77 -1.67	41.16 0.71 -0.85	36.14 0.63 -0.53	32.66 0.48 -0.49
NYISO_LBMP_REFERENCE 24008	32.88 0.00 0.00	30.75 0.00 0.00	28.47 0.00 0.00	27.59 0.00 0.00	28.35 0.00 0.00	30.45 0.00 0.00	41.71 0.00 0.00	44.00 0.00 0.00	39.52 0.00 0.00	31.95 0.00 0.00	32.44 0.00 0.00	33.61 0.00 0.00	37.02 0.00 0.00	38.44 0.00 0.00	39.64 0.00 0.00	41.15 0.00 0.00	47.79 0.00 0.00	64.03 0.00 0.00	66.32 0.00 0.00	60.30 0.00 0.00	48.51 0.00 0.00	39.59 0.00 0.00	34.98 0.00 0.00	31.70 0.00 0.00
NYPA_BRENTWD____GT 24164	34.98 1.91 -0.20	31.90 1.11 -0.03	29.40 0.94 0.00	28.50 0.91 0.00	29.17 0.82 0.00	31.51 1.07 0.00	43.25 1.54 0.00	45.86 1.76 -0.09	41.81 2.29 0.00	35.25 2.65 -0.65	35.89 2.89 -0.57	37.33 2.86 -0.87	41.41 3.14 -1.24	43.44 3.23 -1.77	44.53 3.49 -1.40	45.75 3.13 -1.47	53.46 3.63 -2.04	69.80 3.14 -2.63	71.01 2.91 -1.78	63.68 2.29 -1.10	51.14 1.94 -0.69	42.79 2.73 -0.46	37.92 2.31 -0.63	33.87 2.09 -0.09

NYPA_GOWANUS____GT5 24156	34.88	32.14	29.69	28.75	29.43	31.57	42.16	44.96	40.88	34.74	35.46	37.06	41.04	42.13	42.84	43.01	45.14	64.53	63.22	56.38	44.54	42.00	37.67	33.59
	1.81	1.35	1.22	1.16	1.08	1.13	1.33	1.63	1.62	2.14	2.46	2.59	2.81	3.00	3.29	2.80	2.92	3.01	2.72	2.11	1.74	2.38	2.06	1.81
	-0.20	-0.03	0.00	0.00	0.00	0.00	0.89	0.66	0.26	-0.65	-0.56	-0.87	-1.21	-0.69	0.09	0.94	5.56	2.51	5.82	6.03	5.71	-0.03	-0.63	-0.09
NYPA_GOWANUS____GT6 24157	34.88	32.14	29.69	28.75	29.43	31.57	42.16	44.96	40.88	34.74	35.46	37.06	41.04	42.13	42.84	43.01	45.14	64.53	63.22	56.38	44.54	42.00	37.67	33.59
	1.81	1.35	1.22	1.16	1.08	1.13	1.33	1.63	1.62	2.14	2.46	2.59	2.81	3.00	3.29	2.80	2.92	3.01	2.72	2.11	1.74	2.38	2.06	1.81
	-0.20	-0.03	0.00	0.00	0.00	0.00	0.89	0.66	0.26	-0.65	-0.56	-0.87	-1.21	-0.69	0.09	0.94	5.56	2.51	5.82	6.03	5.71	-0.03	-0.63	-0.09
NYPA_HARLEM__RVR__GT1 24160	34.89	32.18	29.73	28.78	29.46	31.55	43.31	45.90	41.45	34.78	35.51	37.11	41.11	43.34	44.52	45.71	53.70	70.55	72.15	64.87	51.86	42.44	37.79	33.66
	1.81	1.39	1.25	1.19	1.10	1.09	1.50	1.71	1.90	2.17	2.50	2.62	2.85	3.00	3.29	2.84	3.06	3.33	3.25	2.72	1.99	2.34	2.17	1.87
	-0.21	-0.04	-0.01	-0.01	-0.01	-0.01	-0.10	-0.18	-0.03	-0.65	-0.57	-0.88	-1.24	-1.90	-1.59	-1.72	-2.85	-3.19	-2.59	-1.86	-1.37	-0.51	-0.64	-0.09
NYPA_HARLEM__RVR__GT2 24161	34.89	32.18	29.73	28.78	29.46	31.55	43.31	45.90	41.45	34.78	35.51	37.11	41.11	43.34	44.52	45.71	53.70	70.55	72.15	64.87	51.86	42.44	37.79	33.66
	1.81	1.39	1.25	1.19	1.10	1.09	1.50	1.71	1.90	2.17	2.50	2.62	2.85	3.00	3.29	2.84	3.06	3.33	3.25	2.72	1.99	2.34	2.17	1.87
	-0.21	-0.04	-0.01	-0.01	-0.01	-0.01	-0.10	-0.18	-0.03	-0.65	-0.57	-0.88	-1.24	-1.90	-1.59	-1.72	-2.85	-3.19	-2.59	-1.86	-1.37	-0.51	-0.64	-0.09
NYPA_KENT____GT 24152	34.79	32.08	29.63	28.70	29.37	31.51	45.72	48.01	42.02	34.71	35.43	37.03	41.10	47.39	50.27	52.62	75.68	85.27	93.84	85.11	70.26	43.58	37.64	33.52
	1.71	1.29	1.17	1.10	1.02	1.07	1.33	1.63	1.74	2.11	2.43	2.55	2.78	2.92	3.25	2.76	2.92	3.07	2.85	2.23	1.80	2.26	2.03	1.74
	-0.20	-0.03	0.00	0.00	0.00	0.00	-2.67	-2.38	-0.77	-0.65	-0.56	-0.87	-1.30	-6.03	-7.38	-8.71	-24.98	-18.17	-24.67	-22.58	-19.95	-1.73	-0.63	-0.09
NYPA_POUCH1____GT 24155	34.85	32.11	29.66	28.70	29.40	31.54	40.41	41.88	40.36	34.62	35.30	36.90	40.88	40.71	40.95	40.56	37.66	48.74	45.55	38.52	38.22	41.56	37.60	33.56
	1.77	1.32	1.20	1.10	1.05	1.09	1.13	1.41	1.34	2.01	2.30	2.42	2.67	2.84	3.17	2.64	2.67	2.69	2.32	1.75	1.51	2.34	1.99	1.77
	-0.20	-0.03	0.00	0.00	0.00	0.00	2.43	3.53	0.50	-0.65	-0.56	-0.87	-1.19	0.58	1.86	3.23	12.81	17.98	23.08	23.53	11.80	0.37	-0.63	-0.09
NYPA_VERNON____GT2 24162	34.69	32.02	29.58	28.67	29.34	31.45	44.35	46.81	41.70	34.71	35.43	37.00	41.02	44.85	46.68	48.75	63.68	77.27	81.89	73.95	60.18	42.83	37.60	33.49
	1.61	1.23	1.11	1.07	0.99	1.00	1.37	1.63	1.82	2.11	2.43	2.52	2.74	2.88	3.17	2.72	3.01	3.26	2.99	2.41	1.89	2.18	1.99	1.71
	-0.20	-0.03	0.00	0.00	0.00	0.00	-1.26	-1.18	-0.36	-0.65	-0.56	-0.87	-1.26	-3.52	-3.87	-4.89	-12.88	-9.97	-12.59	-11.24	-9.78	-1.06	-0.63	-0.09
NYPA_VERNON____GT3 24163	34.69	32.02	29.58	28.67	29.34	31.45	44.35	46.81	41.70	34.71	35.43	37.00	41.02	44.85	46.68	48.75	63.68	77.27	81.89	73.95	60.18	42.83	37.60	33.49
	1.61	1.23	1.11	1.07	0.99	1.00	1.37	1.63	1.82	2.11	2.43	2.52	2.74	2.88	3.17	2.72	3.01	3.26	2.99	2.41	1.89	2.18	1.99	1.71
	-0.20	-0.03	0.00	0.00	0.00	0.00	-1.26	-1.18	-0.36	-0.65	-0.56	-0.87	-1.26	-3.52	-3.87	-4.89	-12.88	-9.97	-12.59	-11.24	-9.78	-1.06	-0.63	-0.09
NYPA____ASTORIA_CC1 323568	34.66	31.99	29.55	28.64	29.31	31.42	43.71	46.24	41.46	34.68	35.40	36.96	40.97	44.01	45.54	47.21	58.82	73.92	77.00	69.37	56.08	42.48	37.60	33.46
	1.58	1.20	1.08	1.05	0.96	0.97	1.29	1.54	1.74	2.08	2.40	2.49	2.70	2.80	3.09	2.67	2.92	3.14	2.85	2.29	1.80	2.10	1.99	1.68
	-0.20	-0.03	0.00	0.00	0.00	0.00	-0.71	-0.70	-0.20	-0.65	-0.56	-0.87	-1.25	-2.76	-2.81	-3.38	-8.11	-6.75	-7.84	-6.78	-5.78	-0.79	-0.63	-0.09
NYPA____ASTORIA_CC2 323569	34.66	31.99	29.55	28.64	29.31	31.42	43.71	46.24	41.46	34.68	35.40	36.96	40.97	44.01	45.54	47.21	58.82	73.92	77.00	69.37	56.08	42.48	37.60	33.46
	1.58	1.20	1.08	1.05	0.96	0.97	1.29	1.54	1.74	2.08	2.40	2.49	2.70	2.80	3.09	2.67	2.92	3.14	2.85	2.29	1.80	2.10	1.99	1.68
	-0.20	-0.03	0.00	0.00	0.00	0.00	-0.71	-0.70	-0.20	-0.65	-0.56	-0.87	-1.25	-2.76	-2.81	-3.38	-8.11	-6.75	-7.84	-6.78	-5.78	-0.79	-0.63	-0.09
NYPA____HOLTSVILL 23794	34.36	31.31	28.84	27.95	28.57	30.90	42.50	45.06	41.10	34.71	35.38	36.60	40.59	42.59	43.70	44.89	52.32	68.07	69.15	61.93	49.93	41.88	37.04	33.21
	1.28	0.52	0.37	0.36	0.23	0.46	0.79	0.97	1.58	2.11	2.37	2.12	2.33	2.38	2.66	2.26	2.48	1.41	1.06	0.54	0.73	1.82	1.43	1.43
	-0.20	-0.03	0.00	0.00	0.00	0.00	0.00	-0.09	0.00	-0.65	-0.57	-0.87	-1.24	-1.77	-1.40	-1.47	-2.04	-2.63	-1.78	-1.10	-0.69	-0.46	-0.63	-0.09
NYPA____HELLGATE_GT1 24158	34.86	32.15	29.70	28.76	29.43	31.52	43.34	45.91	41.39	34.75	35.47	37.04	41.08	43.40	44.62	45.85	54.17	70.87	72.58	65.27	52.23	42.39	37.75	33.63
	1.77	1.35	1.22	1.16	1.08	1.07	1.46	1.67	1.82	2.14	2.46	2.55	2.81	2.96	3.25	2.80	2.96	3.26	3.12	2.59	1.89	2.26	2.13	1.84
	-0.21	-0.04	-0.01	-0.01	-0.01	-0.01	-0.17	-0.24	-0.05	-0.65	-0.57	-0.88	-1.24	-1.99	-1.73	-1.90	-3.42	-3.57	-3.15	-2.38	-1.83	-0.54	-0.64	-0.09
NYPA____HELLGATE_GT2 24159	34.86	32.15	29.70	28.76	29.43	31.52	43.34	45.91	41.39	34.75	35.47	37.04	41.08	43.40	44.62	45.85	54.17	70.87	72.58	65.27	52.23	42.39	37.75	33.63
	1.77	1.35	1.22	1.16	1.08	1.07	1.46	1.67	1.82	2.14	2.46	2.55	2.81	2.96	3.25	2.80	2.96	3.26	3.12	2.59	1.89	2.26	2.13	1.84
	-0.21	-0.04	-0.01	-0.01	-0.01	-0.01	-0.17	-0.24	-0.05	-0.65	-0.57	-0.88	-1.24	-1.99	-1.73	-1.90	-3.42	-3.57	-3.15	-2.38	-1.83	-0.54	-0.64	-0.09
NYS_BARGE____HYD 23848	34.37	32.04	29.13	27.92	28.94	31.08	40.21	43.66	38.08	30.67	31.56	32.86	36.35	38.61	38.18	40.66	45.54	60.19	65.82	60.27	48.01	38.73	34.02	31.21
	0.82	0.77	0.34	0.08	0.28	0.15	-2.29	-1.85	-1.86	-1.31	-1.07	-1.11	-1.33	-0.96	-1.47	-1.32	-2.25	-3.84	-3.65	-3.01	-2.52	-1.90	-1.61	-1.08
	-0.67	-0.51	-0.32	-0.25	-0.31	-0.48	-0.80	-1.51	-0.42	-0.03	-0.19	-0.36	-0.66	-1.13	0.00	-0.83	0.00	0.00	-3.15	-2.99	-2.03	-1.03	-0.65	-0.59
OAK ORCHARD____HYD 24046	34.27	32.00	29.22	28.11	29.03	31.23	41.58	45.02	39.26	31.53	32.33	33.63	37.34	39.49	39.17	41.65	46.97	62.62	68.32	62.60	49.74	39.91	34.99	31.78
	0.72	0.74	0.43	0.28	0.37	0.30	-0.92	-0.48	-0.67	-0.45	-0.29	-0.34	-0.33	-0.08	-0.47	-0.33	-0.81	-1.41	-1.13	-0.66	-0.78	-0.71	-0.63	-0.51
	-0.66	-0.51	-0.32	-0.25	-0.31	-0.48	-0.79	-1.50	-0.42	-0.03	-0.19	-0.36	-0.65	-1.12	0.00	-0.83	0.00	0.00	-3.13	-2.96	-2.01	-1.03	-0.64	-0.59

OAKDALE___35_KV_LOAD 356122	34.12 0.46 -0.78	31.77 0.43 -0.58	29.14 0.31 -0.36	28.06 0.19 -0.28	28.95 0.26 -0.35	31.23 0.24 -0.54	42.44 -0.17 -0.90	45.80 0.09 -1.71	39.95 -0.04 -0.47	32.15 0.06 -0.14	32.87 0.13 -0.30	34.29 0.13 -0.55	38.11 0.15 -0.94	40.30 0.31 -1.55	40.14 0.28 -0.22	42.69 0.37 -0.17	48.35 0.24 -0.33	64.58 0.13 -0.42	70.47 0.33 -3.82	64.18 0.36 -3.53	51.09 0.19 -2.38	40.90 0.08 -1.23	35.84 0.03 -0.83	32.50 0.13 -0.68
OCC_CHEM___DRP 24175	34.43 0.89 -0.67	32.10 0.83 -0.51	29.19 0.40 -0.32	27.98 0.14 -0.25	29.00 0.34 -0.31	31.11 0.18 -0.48	39.50 -3.00 -0.80	42.78 -2.73 -1.50	37.45 -2.49 -0.42	30.22 -1.76 -0.03	31.04 -1.59 -0.19	32.36 -1.61 -0.36	35.75 -1.93 -0.66	37.95 -1.61 -1.12	37.54 -2.10 0.00	40.13 -1.85 -0.83	44.73 -3.06 0.00	58.91 -5.12 0.00	64.54 -4.91 -3.13	59.29 -3.98 -2.97	47.13 -3.40 -2.01	38.09 -2.53 -1.03	33.77 -1.85 -0.64	31.84 -0.44 -0.59
OH_GEN_PROXY 24063	34.17 0.62 -0.66	31.88 0.61 -0.51	29.02 0.23 -0.32	27.81 -0.03 -0.25	28.80 0.14 -0.31	30.92 0.00 -0.48	40.04 -2.46 -0.79	43.39 -2.11 -1.50	37.88 -2.06 -0.42	30.58 -1.41 -0.03	31.46 -1.17 -0.19	32.79 -1.18 -0.36	36.27 -1.41 -0.65	38.45 -1.12 -1.12	38.10 -1.55 0.00	40.58 -1.40 -0.82	45.40 -2.39 0.00	60.00 -4.03 0.00	65.53 -3.91 -3.12	60.00 -3.26 -2.96	47.85 -2.67 -2.01	38.60 -2.02 -1.02	33.91 -1.71 -0.64	31.14 -1.14 -0.59
OLIN_CORP_DRP 24177	34.01 0.46 -0.67	31.70 0.43 -0.51	28.82 0.03 -0.32	27.62 -0.22 -0.25	28.63 -0.03 -0.31	30.71 -0.21 -0.48	39.71 -2.79 -0.80	43.05 -2.46 -1.51	37.65 -2.29 -0.42	30.35 -1.63 -0.03	31.17 -1.46 -0.19	32.49 -1.48 -0.36	35.94 -1.74 -0.66	38.11 -1.46 -1.13	37.74 -1.90 0.00	40.29 -1.69 -0.83	44.92 -2.87 0.00	59.23 -4.80 0.00	64.82 -4.64 -3.15	59.54 -3.74 -2.98	47.38 -3.15 -2.02	38.29 -2.34 -1.03	33.81 -1.82 -0.65	31.43 -0.86 -0.59
OLIN_CORP_DSASP 323712	34.43 0.89 -0.67	32.10 0.83 -0.51	29.22 0.43 -0.32	27.98 0.14 -0.25	29.00 0.34 -0.31	31.11 0.18 -0.48	39.50 -3.00 -0.80	42.78 -2.73 -1.50	37.41 -2.53 -0.42	30.19 -1.79 -0.03	31.04 -1.59 -0.19	32.36 -1.61 -0.36	35.75 -1.93 -0.66	37.95 -1.61 -1.12	37.54 -2.10 0.00	40.00 -1.97 -0.83	44.73 -3.06 0.00	58.97 -5.06 0.00	64.55 -4.91 -3.14	59.05 -4.22 -2.97	47.13 -3.40 -2.02	38.09 -2.53 -1.03	33.59 -2.03 -0.64	31.30 -0.98 -0.59
ONEIDA_HERK_LFGE 323681	34.02 0.79 -0.35	31.82 0.80 -0.27	29.29 0.66 -0.17	28.14 0.41 -0.13	28.99 0.48 -0.16	31.34 0.64 -0.25	43.04 0.92 -0.42	45.93 1.14 -0.79	40.45 0.71 -0.22	32.38 0.41 -0.01	32.80 0.26 -0.10	34.14 0.34 -0.19	37.74 0.37 -0.35	39.34 0.31 -0.59	39.72 0.08 0.00	41.84 0.25 -0.44	48.08 0.29 0.00	64.74 0.71 0.00	69.03 1.06 -1.65	63.00 1.14 -1.56	50.54 0.97 -1.06	40.93 0.79 -0.54	35.95 0.63 -0.34	32.48 0.48 -0.31
ONEIDA___115KV_TB4 55905	34.28 0.85 -0.55	32.00 0.83 -0.42	29.44 0.71 -0.26	28.32 0.52 -0.20	29.20 0.60 -0.25	31.57 0.73 -0.39	43.32 0.96 -0.65	46.46 1.23 -1.23	40.65 0.79 -0.34	32.49 0.51 -0.02	32.98 0.39 -0.15	34.34 0.44 -0.30	38.08 0.52 -0.54	39.94 0.58 -0.92	40.08 0.44 0.00	42.45 0.62 -0.68	48.46 0.67 0.00	65.18 1.15 0.00	70.41 1.53 -2.57	64.30 1.57 -2.43	51.47 1.31 -1.65	41.39 0.95 -0.84	36.24 0.73 -0.53	32.78 0.60 -0.48
ONONDAGA_REF_OCCRA 23987	34.09 0.10 -1.11	31.67 0.06 -0.85	29.03 0.03 -0.54	27.95 -0.06 -0.41	28.84 -0.03 -0.52	31.18 -0.06 -0.80	42.83 -0.21 -1.33	46.42 -0.09 -2.51	40.02 -0.20 -0.70	31.84 -0.16 -0.05	32.59 -0.16 -0.31	34.04 -0.17 -0.60	37.97 -0.15 -1.09	40.20 -0.12 -1.87	39.52 -0.12 0.00	42.49 -0.04 -1.38	47.64 -0.14 0.00	63.90 -0.13 0.00	71.67 0.13 -5.22	65.43 0.18 -4.95	51.96 0.10 -3.36	41.23 -0.08 -1.71	35.98 -0.07 -1.07	32.65 -0.03 -0.98
ONONDAGA___COGEN 23986	34.41 0.07 -1.46	31.94 0.06 -1.12	29.18 0.00 -0.71	28.08 -0.06 -0.54	29.00 -0.03 -0.68	31.44 -0.06 -1.05	43.25 -0.21 -1.75	47.21 -0.09 -3.30	40.24 -0.20 -0.92	31.86 -0.16 -0.06	32.72 -0.13 -0.41	34.24 -0.17 -0.79	38.31 -0.15 -1.44	40.83 -0.08 -2.47	39.56 -0.08 0.00	42.93 -0.04 -1.82	47.69 -0.10 0.00	63.90 -0.13 0.00	73.33 0.13 -6.88	67.00 0.18 -6.52	53.03 0.10 -4.42	41.77 -0.08 -2.26	36.32 -0.07 -1.41	32.93 -0.06 -1.29
ONTARIO___LFGE 23819	34.66 0.85 -0.92	32.26 0.80 -0.71	29.48 0.57 -0.45	28.35 0.41 -0.34	29.29 0.51 -0.43	31.66 0.55 -0.67	42.65 -0.17 -1.11	46.31 0.22 -2.09	40.14 0.04 -0.58	31.99 0.00 -0.04	32.80 0.10 -0.26	34.14 0.03 -0.50	38.01 0.07 -0.91	40.27 0.27 -1.56	39.72 0.08 0.00	42.34 0.04 -1.15	47.64 -0.14 0.00	63.84 -0.19 0.00	71.14 0.47 -4.35	65.02 0.60 -4.13	51.50 0.19 -2.80	40.86 -0.16 -1.43	35.77 -0.10 -0.89	32.42 -0.09 -0.82
ORANGEVILLE_WT_PWR 323706	34.58 0.99 -0.71	32.19 0.89 -0.55	29.35 0.54 -0.35	28.16 0.30 -0.26	29.16 0.48 -0.33	31.42 0.46 -0.51	41.19 -1.38 -0.85	44.64 -0.97 -1.61	38.70 -1.27 -0.45	31.03 -0.96 -0.03	31.86 -0.78 -0.20	33.22 -0.77 -0.39	36.76 -0.96 -0.70	38.95 -0.69 -1.20	38.49 -1.15 0.00	40.89 -1.15 -0.89	45.87 -1.91 0.00	61.09 -2.94 0.00	67.29 -2.38 -3.36	61.49 -1.99 -3.18	48.87 -1.79 -2.16	39.15 -1.54 -1.10	34.27 -1.40 -0.69	31.31 -1.02 -0.63
ORANGEVILLE___ESR 323794	34.58 0.99 -0.71	32.19 0.89 -0.55	29.35 0.54 -0.35	28.16 0.30 -0.26	29.16 0.48 -0.33	31.42 0.46 -0.51	41.19 -1.38 -0.85	44.64 -0.97 -1.61	38.70 -1.27 -0.45	31.03 -0.96 -0.03	31.86 -0.78 -0.20	33.22 -0.77 -0.39	36.76 -0.96 -0.70	38.95 -0.69 -1.20	38.49 -1.15 0.00	40.89 -1.15 -0.89	45.87 -1.91 0.00	61.09 -2.94 0.00	67.29 -2.38 -3.36	61.49 -1.99 -3.18	48.87 -1.79 -2.16	39.15 -1.54 -1.10	34.27 -1.40 -0.69	31.31 -1.02 -0.63
OSWEGATCHIE___HYD 24044	34.12 0.79 -0.45	31.93 0.83 -0.35	29.37 0.68 -0.22	28.31 0.55 -0.17	29.24 0.68 -0.21	31.72 0.94 -0.33	43.71 1.46 -0.54	46.65 1.63 -1.02	40.95 1.15 -0.28	32.58 0.61 -0.02	32.99 0.42 -0.13	34.39 0.54 -0.25	38.06 0.59 -0.44	39.55 0.35 -0.76	39.76 0.12 0.00	41.88 0.17 -0.56	47.93 0.14 0.00	64.54 0.51 0.00	69.24 0.80 -2.12	63.39 1.09 -2.01	50.79 0.92 -1.36	41.24 0.95 -0.70	36.25 0.84 -0.44	32.76 0.67 -0.40
OSWEGO___5 23606	36.59 -0.49 -4.20	33.52 -0.46 -3.22	30.05 -0.46 -2.04	28.66 -0.50 -1.56	29.80 -0.51 -1.96	32.93 -0.55 -3.03	45.86 -0.88 -5.03	52.62 -0.88 -9.50	41.34 -0.83 -2.66	31.46 -0.67 -0.18	32.98 -0.65 -1.19	35.19 -0.71 -2.29	40.42 -0.74 -4.14	44.80 -0.73 -7.09	38.85 -0.79 0.00	45.55 -0.82 -5.22	46.83 -0.96 0.00	62.75 -1.28 0.00	84.92 -1.19 -19.80	78.03 -1.03 -18.76	60.36 -0.87 -12.73	45.29 -0.79 -6.49	38.34 -0.70 -4.06	34.78 -0.63 -3.72
OSWEGO___6 23613	36.59 -0.49 -4.20	33.52 -0.46 -3.22	30.05 -0.46 -2.04	28.66 -0.50 -1.56	29.80 -0.51 -1.96	32.93 -0.55 -3.03	45.86 -0.88 -5.03	52.62 -0.88 -9.50	41.34 -0.83 -2.66	31.46 -0.67 -0.18	32.98 -0.65 -1.19	35.19 -0.71 -2.29	40.42 -0.74 -4.14	44.80 -0.73 -7.09	38.85 -0.79 0.00	45.55 -0.82 -5.22	46.83 -0.96 0.00	62.75 -1.28 0.00	84.92 -1.19 -19.80	78.03 -1.03 -18.76	60.36 -0.87 -12.73	45.29 -0.79 -6.49	38.34 -0.70 -4.06	34.78 -0.63 -3.72

OUTOKUMPU-AB___DRP 24206	34.77 1.22 -0.67	32.38 1.11 -0.51	29.48 0.68 -0.32	28.25 0.41 -0.25	29.29 0.62 -0.31	31.45 0.52 -0.48	40.47 -2.04 -0.80	43.93 -1.58 -1.51	38.44 -1.50 -0.42	30.96 -1.02 -0.03	31.82 -0.81 -0.19	33.13 -0.84 -0.36	36.64 -1.04 -0.66	38.92 -0.65 -1.13	38.53 -1.11 0.00	41.08 -0.91 -0.83	45.92 -1.86 0.00	60.57 -3.46 0.00	66.35 -3.12 -3.15	60.87 -2.41 -2.99	48.30 -2.23 -2.03	38.96 -1.66 -1.03	34.40 -1.22 -0.65	32.10 -0.19 -0.59
OXBOW___BTM 323836	34.67 1.12 -0.67	32.28 1.01 -0.51	29.39 0.60 -0.32	28.14 0.30 -0.25	29.17 0.51 -0.31	31.32 0.39 -0.48	40.05 -2.46 -0.80	43.44 -2.07 -1.51	37.93 -2.01 -0.42	30.61 -1.37 -0.03	31.49 -1.14 -0.19	32.79 -1.18 -0.36	36.27 -1.41 -0.66	38.49 -1.08 -1.13	38.10 -1.55 0.00	40.54 -1.44 -0.83	45.40 -2.39 0.00	59.93 -4.10 0.00	65.55 -3.91 -3.15	59.96 -3.32 -2.98	47.82 -2.72 -2.02	38.57 -2.06 -1.03	33.95 -1.68 -0.65	31.50 -0.79 -0.59
OXBOW___ 24026	34.67 1.12 -0.67	32.28 1.01 -0.51	29.36 0.57 -0.32	28.14 0.30 -0.25	29.17 0.51 -0.31	31.32 0.40 -0.48	40.05 -2.46 -0.80	43.44 -2.07 -1.51	38.00 -1.94 -0.42	30.64 -1.34 -0.03	31.49 -1.14 -0.19	32.80 -1.18 -0.36	36.27 -1.41 -0.66	38.49 -1.08 -1.13	38.10 -1.55 0.00	40.66 -1.32 -0.83	45.40 -2.39 0.00	59.87 -4.16 0.00	65.55 -3.91 -3.14	60.20 -3.08 -2.98	47.76 -2.76 -2.02	38.61 -2.02 -1.03	34.12 -1.50 -0.65	32.03 -0.25 -0.59
OXY_CHEM_DSASP 323612	34.43 0.89 -0.67	32.10 0.83 -0.51	29.19 0.40 -0.32	27.98 0.14 -0.25	29.00 0.34 -0.31	31.11 0.18 -0.48	39.50 -3.00 -0.80	42.78 -2.73 -1.50	37.45 -2.49 -0.42	30.22 -1.76 -0.03	31.04 -1.59 -0.19	32.36 -1.61 -0.36	35.75 -1.93 -0.66	37.95 -1.61 -1.12	37.54 -2.10 0.00	40.13 -1.85 -0.83	44.73 -3.06 0.00	58.91 -5.12 0.00	64.54 -4.91 -3.13	59.29 -3.98 -2.97	47.13 -3.40 -2.01	38.09 -2.53 -1.03	33.77 -1.85 -0.64	31.84 -0.44 -0.59
OZONE_PARK_ESR 323760	34.82 1.74 -0.20	32.14 1.35 -0.03	29.66 1.20 0.00	28.75 1.16 0.00	29.45 1.11 0.00	31.63 1.19 0.00	43.50 1.79 0.00	46.12 2.02 -0.09	41.81 2.29 0.00	34.87 2.27 -0.65	35.59 2.60 -0.56	37.20 2.72 -0.87	41.18 2.92 -1.23	43.31 3.11 -1.76	44.49 3.45 -1.40	45.87 3.25 -1.47	53.51 3.68 -2.04	70.90 4.23 -2.64	72.15 4.05 -1.78	64.66 3.26 -1.10	51.82 2.62 -0.69	42.50 2.45 -0.46	37.81 2.20 -0.63	33.56 1.78 -0.09
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	34.43 0.89 -0.67	32.10 0.83 -0.51	29.19 0.40 -0.32	27.98 0.14 -0.25	29.00 0.34 -0.31	31.11 0.18 -0.48	39.50 -3.00 -0.80	42.78 -2.73 -1.50	37.45 -2.49 -0.42	30.22 -1.76 -0.03	31.04 -1.59 -0.19	32.36 -1.61 -0.36	35.75 -1.93 -0.66	37.95 -1.61 -1.12	37.54 -2.10 0.00	40.13 -1.85 -0.83	44.73 -3.06 0.00	58.91 -5.12 0.00	64.54 -4.91 -3.13	59.29 -3.98 -2.97	47.13 -3.40 -2.01	38.09 -2.53 -1.03	33.77 -1.85 -0.64	31.84 -0.44 -0.59
PACKARD___115KV_DUPONT_184 80571	34.43 0.89 -0.67	32.10 0.83 -0.51	29.19 0.40 -0.32	27.98 0.14 -0.25	29.00 0.34 -0.31	31.11 0.18 -0.48	39.50 -3.00 -0.80	42.78 -2.73 -1.50	37.45 -2.49 -0.42	30.22 -1.76 -0.03	31.04 -1.59 -0.19	32.36 -1.61 -0.36	35.75 -1.93 -0.66	37.95 -1.61 -1.12	37.54 -2.10 0.00	40.13 -1.85 -0.83	44.73 -3.06 0.00	58.91 -5.12 0.00	64.54 -4.91 -3.13	59.29 -3.98 -2.97	47.13 -3.40 -2.01	38.09 -2.53 -1.03	33.77 -1.85 -0.64	31.84 -0.44 -0.59
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	34.72 1.64 -0.20	32.02 1.23 -0.03	29.58 1.11 0.00	28.64 1.05 0.00	29.31 0.96 0.00	31.42 0.97 0.00	43.21 1.33 -0.17	45.73 1.50 -0.24	41.46 1.90 -0.05	34.61 2.01 -0.65	35.37 2.37 -0.56	36.93 2.45 -0.87	40.92 2.67 -1.23	43.24 2.81 -1.99	44.46 3.09 -1.73	45.86 2.80 -1.91	54.17 2.92 -3.46	70.71 3.07 -3.60	72.49 2.98 -3.19	65.19 2.47 -2.43	52.18 1.79 -1.87	42.23 2.10 -0.53	37.60 1.99 -0.63	33.40 1.62 -0.09
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	35.12 2.04 -0.20	32.39 1.60 -0.03	29.89 1.42 0.00	28.94 1.35 0.00	29.62 1.28 0.00	31.75 1.31 0.00	43.67 1.79 -0.17	46.22 1.98 -0.24	41.86 2.29 -0.05	34.90 2.30 -0.65	35.66 2.66 -0.56	37.23 2.76 -0.87	41.29 3.04 -1.23	43.63 3.19 -1.99	44.90 3.53 -1.73	46.27 3.21 -1.91	54.60 3.35 -3.46	71.48 3.84 -3.60	73.22 3.71 -3.19	65.74 3.01 -2.42	52.61 2.23 -1.87	42.58 2.45 -0.53	37.95 2.34 -0.63	33.72 1.93 -0.09
PATROON___115KV_TB1 80586	32.69 -0.07 0.12	30.58 -0.15 0.02	28.41 -0.06 0.00	27.62 0.03 0.00	28.26 -0.09 0.00	30.35 -0.09 0.00	33.28 0.13 8.56	43.77 -0.18 0.06	39.44 -0.08 0.00	31.47 -0.06 0.42	31.98 -0.10 0.36	32.92 -0.13 0.56	36.07 -0.15 0.80	37.23 -0.08 1.14	38.71 -0.04 0.89	40.21 0.00 0.94	46.57 0.10 1.31	62.53 0.19 1.70	65.30 0.13 1.15	59.53 -0.06 0.71	48.11 0.05 0.44	39.34 0.04 0.29	34.72 0.14 0.40	31.74 0.10 0.05
PATTRSNVILLE___SOLAR 323815	33.67 0.89 0.10	31.51 0.77 0.02	29.18 0.71 0.00	28.28 0.69 0.00	29.03 0.68 0.00	31.17 0.73 0.00	44.64 1.08 -1.85	45.01 1.05 0.05	40.19 0.67 0.00	31.95 0.29 0.25	32.26 0.07 0.38	33.19 -0.03 0.38	36.44 -0.04 0.55	37.66 0.00 0.78	39.14 0.12 0.62	40.79 0.29 0.65	47.60 0.72 0.91	64.46 1.60 1.17	67.51 1.99 0.79	61.56 1.75 0.49	49.66 1.45 0.31	40.54 1.15 0.20	35.68 0.98 0.28	32.52 0.86 0.04
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	34.38 0.82 -0.68	32.01 0.74 -0.52	29.17 0.37 -0.33	27.95 0.11 -0.25	29.01 0.34 -0.32	31.21 0.27 -0.49	40.77 -1.75 -0.81	44.39 -1.14 -1.53	38.72 -1.23 -0.43	31.22 -0.77 -0.03	32.05 -0.58 -0.19	33.41 -0.57 -0.37	36.99 -0.70 -0.67	39.28 -0.31 -1.15	38.93 -0.71 0.00	41.54 -0.45 -0.84	46.54 -1.24 0.00	61.53 -2.50 0.00	67.46 -2.06 -3.20	61.70 -1.63 -3.03	48.82 -1.75 -2.06	39.22 -1.43 -1.05	34.48 -1.15 -0.66	31.76 -0.54 -0.60
PAWLING_115_KV_BK3_REV_LBMP_H 345028	34.49 1.41 -0.20	31.93 1.14 -0.03	29.52 1.05 0.00	28.64 1.05 0.00	29.31 0.96 0.00	31.45 1.00 0.00	43.25 1.54 0.00	45.81 1.72 -0.09	41.34 1.82 0.00	34.26 1.66 -0.64	34.88 1.88 -0.56	36.41 1.95 -0.85	40.39 2.15 -1.22	42.46 2.27 -1.74	43.56 2.54 -1.38	45.07 2.47 -1.45	52.78 2.96 -2.03	70.05 3.39 -2.62	71.54 3.45 -1.77	64.23 2.83 -1.10	51.52 2.33 -0.68	42.06 2.02 -0.45	37.35 1.75 -0.62	33.21 1.43 -0.08
PEEKSKILL___ 23653	34.22 1.15 -0.19	31.68 0.89 -0.03	29.29 0.83 0.00	28.39 0.80 0.00	29.06 0.71 0.00	31.17 0.73 0.00	42.87 1.17 0.00	45.41 1.32 -0.09	40.98 1.46 0.00	34.19 1.60 -0.64	34.84 1.85 -0.55	36.37 1.91 -0.85	40.31 2.07 -1.21	42.41 2.23 -1.73	43.52 2.50 -1.38	44.82 2.22 -1.45	52.48 2.67 -2.02	69.65 3.01 -2.61	70.93 2.85 -1.76	63.68 2.29 -1.09	50.98 1.80 -0.68	41.74 1.70 -0.45	37.14 1.54 -0.62	33.08 1.30 -0.08
PGE MADISON___WINDPWR 24146	36.10 2.43 -0.79	33.65 2.31 -0.59	30.86 2.02 -0.37	29.36 1.49 -0.28	30.46 1.76 -0.35	33.12 2.13 -0.55	45.16 2.54 -0.91	48.98 3.26 -1.73	42.09 2.09 -0.48	33.46 1.37 -0.13	33.71 0.97 -0.30	35.33 1.18 -0.54	39.29 1.33 -0.93	41.41 1.42 -1.54	41.00 1.15 -0.21	44.00 1.69 -1.16	50.01 1.91 -0.31	67.63 3.20 -0.40	74.34 4.18 -3.84	67.95 4.10 -3.55	54.35 3.44 -2.40	43.45 2.61 -1.24	37.77 1.96 -0.83	34.06 1.68 -0.68

PIERCEFIELD___HYD 23852	33.74 0.62 -0.24	31.64 0.71 -0.18	29.24 0.65 -0.12	28.37 0.69 -0.09	29.31 0.85 -0.11	31.74 1.13 -0.17	43.79 1.79 -0.28	46.38 1.85 -0.54	41.17 1.50 -0.15	32.86 0.89 -0.01	33.28 0.78 -0.07	34.65 0.91 -0.13	38.25 1.00 -0.23	39.50 0.65 -0.40	40.28 0.63 0.00	42.02 0.58 -0.30	48.46 0.67 0.00	65.12 1.09 0.00	68.43 0.99 -1.12	62.62 1.27 -1.06	50.25 1.02 -0.72	41.03 1.07 -0.37	36.19 0.98 -0.23	32.73 0.82 -0.21
PINELAWN_CC_1 323563	34.62 1.55 -0.20	31.65 0.86 -0.03	29.15 0.68 0.00	28.28 0.69 0.00	28.92 0.57 0.00	31.24 0.79 0.00	42.79 1.08 0.00	45.28 1.19 -0.09	41.30 1.78 0.00	34.84 2.24 -0.65	35.41 2.40 -0.57	36.90 2.42 -0.87	40.89 2.63 -1.24	42.90 2.69 -1.77	43.98 2.93 -1.40	45.26 2.64 -1.48	52.46 2.63 -2.04	68.40 1.73 -2.63	69.49 1.39 -1.78	62.35 0.96 -1.10	50.26 1.07 -0.69	42.27 2.22 -0.46	37.57 1.96 -0.63	33.52 1.74 -0.09
PJM_GEN_HTTP_PROXY 323702	34.49 1.41 -0.20	31.84 1.05 -0.03	29.44 0.97 0.00	28.50 0.91 0.00	29.20 0.85 0.00	31.33 0.88 0.00	43.08 1.37 0.00	45.68 1.58 -0.09	41.30 1.78 0.00	34.55 1.95 -0.65	35.24 2.24 -0.56	36.82 2.35 -0.86	40.77 2.52 -1.23	42.89 2.69 -1.76	44.01 2.97 -1.40	45.29 2.67 -1.47	52.94 3.10 -2.04	70.19 3.52 -2.64	71.35 3.25 -1.78	64.05 2.65 -1.10	51.28 2.08 -0.69	42.07 2.02 -0.46	37.46 1.85 -0.63	33.30 1.52 -0.09
PJM_GEN_KEystone 24065	34.08 0.69 -0.51	31.64 0.55 -0.33	29.06 0.40 -0.20	27.99 0.25 -0.15	28.85 0.31 -0.19	31.01 0.27 -0.29	41.46 -0.54 -0.30	44.48 -0.22 -0.70	39.50 -0.24 -0.22	32.50 0.19 -0.35	33.27 0.42 -0.41	34.75 0.47 -0.67	38.50 0.45 -1.04	40.54 0.69 -1.41	40.73 0.63 -0.45	42.61 0.58 -0.88	48.06 0.43 0.16	63.84 0.00 0.20	67.31 0.07 -0.93	60.74 -0.06 -0.50	48.88 -0.19 -0.57	40.31 -0.08 -0.80	35.60 -0.10 -0.72	32.10 0.00 -0.41
PJM_GEN_NEPTUNE_PROXY 323594	34.26 1.18 -0.20	31.37 0.58 -0.03	28.92 0.45 0.00	28.06 0.47 0.00	28.69 0.34 0.00	30.93 0.49 0.00	42.37 0.67 0.00	44.84 0.75 -0.09	40.86 1.34 0.00	34.49 1.88 -0.65	34.99 1.98 -0.57	36.49 2.02 -0.87	40.41 2.15 -1.24	42.44 2.23 -1.76	43.46 2.42 -1.40	44.76 2.14 -1.47	52.32 2.48 -2.04	68.65 1.99 -2.63	69.75 1.66 -1.78	62.60 1.21 -1.10	50.22 1.02 -0.69	41.76 1.70 -0.46	37.22 1.61 -0.63	33.18 1.39 -0.09
PJM_GEN_VFT_PROXY 323633	34.29 1.22 -0.19	31.64 0.86 -0.03	29.25 0.80 0.01	28.35 0.77 0.01	29.02 0.68 0.01	31.14 0.70 0.01	41.12 1.13 1.72	42.40 1.32 2.92	40.81 1.58 0.29	34.45 1.85 -0.65	35.14 2.14 -0.56	36.69 2.22 -0.87	40.57 2.33 -1.21	41.36 2.50 -0.42	41.95 2.77 0.47	42.30 2.47 1.32	43.85 2.87 6.80	53.32 3.20 13.91	52.14 2.91 17.09	44.68 2.29 17.91	43.55 1.80 6.75	41.39 1.82 0.03	37.28 1.68 -0.62	33.14 1.36 -0.08
PLATSBURG_115KV_PMLD1 355749	32.85 -0.03 0.00	31.15 0.40 0.00	29.21 0.74 0.00	28.78 1.19 0.00	29.96 1.62 0.00	32.61 2.16 0.00	45.13 3.42 0.00	47.48 3.48 0.00	42.60 3.08 0.00	34.03 2.08 0.00	34.42 1.98 0.00	35.73 2.12 0.00	39.32 2.30 0.00	40.21 1.77 0.00	41.54 1.90 0.00	42.92 1.77 0.00	50.22 2.44 0.00	67.87 3.84 0.00	70.10 3.78 0.00	63.85 3.56 0.00	51.03 2.52 0.00	41.57 1.98 0.00	36.62 1.64 0.00	33.16 1.46 0.00
PLEASANTVLY___LBMP 24000	33.98 0.89 -0.21	31.44 0.65 -0.04	29.09 0.63 0.00	28.23 0.63 0.00	28.92 0.57 0.00	30.99 0.55 0.00	42.63 0.92 0.00	45.07 0.97 -0.10	40.70 1.19 0.00	33.90 1.25 -0.70	34.50 1.46 -0.60	36.05 1.51 -0.93	39.98 1.63 -1.33	42.11 1.77 -1.89	43.13 1.98 -1.50	44.58 1.85 -1.58	52.09 2.10 -2.20	69.19 2.31 -2.85	70.36 2.12 -1.92	63.11 1.63 -1.19	50.66 1.41 -0.74	41.43 1.35 -0.49	36.88 1.22 -0.68	32.77 0.98 -0.09
PLSNTVLE_13_KV_13.8KVDIST 80602	34.29 1.22 -0.20	31.74 0.95 -0.04	29.32 0.85 0.00	28.45 0.86 0.00	29.11 0.77 0.00	31.27 0.82 0.00	43.00 1.29 0.00	45.50 1.41 -0.10	41.18 1.66 0.00	34.27 1.66 -0.65	34.92 1.91 -0.56	36.46 1.98 -0.86	40.41 2.15 -1.24	42.52 2.31 -1.77	43.62 2.58 -1.40	45.01 2.39 -1.47	52.57 2.72 -2.06	69.76 3.07 -2.66	71.03 2.92 -1.80	63.76 2.35 -1.11	51.14 1.94 -0.69	41.83 1.78 -0.46	37.22 1.61 -0.63	33.08 1.30 -0.09
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	34.29 1.22 -0.20	31.74 0.95 -0.04	29.32 0.85 0.00	28.45 0.86 0.00	29.11 0.77 0.00	31.27 0.82 0.00	43.00 1.29 0.00	45.50 1.41 -0.10	41.18 1.66 0.00	34.27 1.66 -0.65	34.92 1.91 -0.56	36.46 1.98 -0.86	40.41 2.15 -1.24	42.52 2.31 -1.77	43.62 2.58 -1.40	45.01 2.39 -1.47	52.57 2.72 -2.06	69.76 3.07 -2.66	71.03 2.92 -1.80	63.76 2.35 -1.11	51.14 1.94 -0.69	41.83 1.78 -0.46	37.22 1.61 -0.63	33.08 1.30 -0.09
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.16 1.09 -0.20	31.62 0.83 -0.04	29.24 0.77 0.00	28.36 0.77 0.00	29.06 0.71 0.00	31.15 0.70 0.00	42.88 1.17 0.00	45.28 1.19 -0.10	40.86 1.34 0.00	33.92 1.31 -0.65	34.50 1.49 -0.57	36.02 1.55 -0.87	39.96 1.70 -1.24	42.06 1.85 -1.77	43.11 2.06 -1.40	44.60 1.98 -1.48	52.19 2.34 -2.06	69.32 2.63 -2.66	70.70 2.59 -1.80	63.46 2.05 -1.11	50.90 1.70 -0.69	41.60 1.54 -0.46	36.98 1.36 -0.63	32.89 1.11 -0.09
POLETTI_____ 23519	23.77 1.48 10.59	23.77 1.08 8.06	23.77 0.94 5.63	23.77 0.91 4.73	23.77 0.82 5.40	23.80 0.82 7.46	23.82 1.13 19.02	23.77 1.28 21.50	24.01 1.70 17.21	23.74 1.82 10.03	27.82 2.17 6.79	27.86 2.29 8.04	27.82 2.48 11.68	27.82 2.61 13.24	27.82 2.89 14.71	27.95 2.55 15.76	27.87 2.63 22.54	37.13 2.69 29.59	35.62 2.59 33.29	28.01 2.05 34.34	27.83 1.50 22.18	28.77 1.90 12.72	27.82 1.82 8.98	27.73 1.46 5.43
POMONA___ESR 323819	34.25 1.18 -0.19	31.68 0.89 -0.03	29.29 0.83 0.00	28.39 0.80 0.00	29.08 0.74 0.00	31.21 0.76 0.00	42.87 1.17 0.00	45.41 1.32 -0.09	40.94 1.42 0.00	34.14 1.57 -0.62	34.79 1.82 -0.54	36.31 1.88 -0.82	40.27 2.07 -1.18	42.35 2.23 -1.68	43.43 2.46 -1.33	44.81 2.26 -1.40	52.42 2.67 -1.96	69.63 3.07 -2.53	70.94 2.91 -1.71	63.70 2.35 -1.06	51.01 1.84 -0.66	41.73 1.70 -0.44	37.12 1.54 -0.60	33.05 1.27 -0.08
PORT_JEFF_3 23555	34.43 1.35 -0.20	31.34 0.55 -0.03	28.87 0.40 0.00	28.01 0.41 0.00	28.63 0.28 0.00	30.96 0.52 0.00	42.54 0.83 0.00	45.15 1.05 -0.09	41.18 1.66 0.00	34.78 2.17 -0.65	35.44 2.43 -0.57	36.69 2.22 -0.87	40.70 2.44 -1.24	42.71 2.50 -1.77	43.82 2.77 -1.40	45.01 2.39 -1.47	52.51 2.67 -2.04	68.20 1.53 -2.63	69.22 1.13 -1.78	62.06 0.66 -1.10	50.12 0.92 -0.69	42.00 1.94 -0.46	37.15 1.54 -0.63	33.30 1.52 -0.09
PORT_JEFF_4 23616	34.43 1.35 -0.20	31.34 0.55 -0.03	28.87 0.40 0.00	28.01 0.41 0.00	28.63 0.28 0.00	30.96 0.52 0.00	42.54 0.83 0.00	45.15 1.05 -0.09	41.18 1.66 0.00	34.78 2.17 -0.65	35.44 2.43 -0.57	36.69 2.22 -0.87	40.70 2.44 -1.24	42.71 2.50 -1.77	43.82 2.77 -1.40	45.01 2.39 -1.47	52.51 2.67 -2.04	68.20 1.53 -2.63	69.22 1.13 -1.78	62.06 0.66 -1.10	50.12 0.92 -0.69	42.00 1.94 -0.46	37.15 1.54 -0.63	33.30 1.52 -0.09

PORT_JEFF_IC 23713	34.46 1.38 -0.20	31.37 0.58 -0.03	28.89 0.43 0.00	28.03 0.44 0.00	28.66 0.31 0.00	31.05 0.61 0.00	42.83 1.13 0.00	45.15 1.06 -0.09	41.30 1.78 0.00	34.81 2.20 -0.65	35.47 2.47 -0.57	36.73 2.25 -0.87	40.74 2.48 -1.24	42.75 2.54 -1.77	43.86 2.81 -1.40	45.18 2.55 -1.47	52.41 2.58 -2.04	67.95 1.28 -2.63	69.02 0.93 -1.78	61.75 0.36 -1.10	50.22 1.02 -0.69	42.11 2.06 -0.46	37.18 1.57 -0.63	33.40 1.62 -0.09
PPL PILGRIM_ST_GT1 24216	34.98 1.91 -0.20	31.90 1.11 -0.03	29.40 0.94 0.00	28.50 0.91 0.00	29.17 0.82 0.00	31.51 1.07 0.00	43.25 1.54 0.00	45.86 1.76 -0.09	41.81 2.29 0.00	35.25 2.65 -0.65	35.89 2.89 -0.57	37.33 2.86 -0.87	41.41 3.14 -1.24	43.44 3.23 -1.77	44.53 3.49 -1.40	45.75 3.13 -1.47	53.46 3.63 -2.04	69.80 3.14 -2.63	71.01 2.91 -1.78	63.68 2.29 -1.10	51.14 1.94 -0.69	42.79 2.73 -0.46	37.92 2.31 -0.63	33.87 2.09 -0.09
PPL PILGRIM_ST_GT2 24217	34.98 1.91 -0.20	31.90 1.11 -0.03	29.40 0.94 0.00	28.50 0.91 0.00	29.17 0.82 0.00	31.51 1.07 0.00	43.25 1.54 0.00	45.86 1.76 -0.09	41.81 2.29 0.00	35.25 2.65 -0.65	35.89 2.89 -0.57	37.33 2.86 -0.87	41.41 3.14 -1.24	43.44 3.23 -1.77	44.53 3.49 -1.40	45.75 3.13 -1.47	53.46 3.63 -2.04	69.80 3.14 -2.63	71.01 2.91 -1.78	63.68 2.29 -1.10	51.14 1.94 -0.69	42.79 2.73 -0.46	37.92 2.31 -0.63	33.87 2.09 -0.09
PPL_SHRM_GT3 24213	34.06 0.99 -0.20	30.98 0.19 -0.03	28.52 0.06 0.00	27.67 0.08 0.00	28.29 -0.06 0.00	30.63 0.18 0.00	42.13 0.42 0.00	44.71 0.62 -0.09	40.78 1.26 0.00	34.45 1.85 -0.65	35.12 2.11 -0.57	36.32 1.85 -0.87	40.30 2.03 -1.24	42.28 2.07 -1.77	43.42 2.38 -1.40	44.64 2.02 -1.47	52.03 2.20 -2.04	67.69 1.02 -2.63	68.69 0.60 -1.78	61.51 0.12 -1.10	49.54 0.34 -0.69	41.56 1.50 -0.46	36.69 1.09 -0.63	32.89 1.11 -0.09
PPL_SHRM_GT4 24214	34.06 0.99 -0.20	30.98 0.19 -0.03	28.52 0.06 0.00	27.67 0.08 0.00	28.29 -0.06 0.00	30.63 0.18 0.00	42.13 0.42 0.00	44.71 0.62 -0.09	40.78 1.26 0.00	34.45 1.85 -0.65	35.12 2.11 -0.57	36.32 1.85 -0.87	40.30 2.03 -1.24	42.28 2.07 -1.77	43.42 2.38 -1.40	44.64 2.02 -1.47	52.03 2.20 -2.04	67.69 1.02 -2.63	68.69 0.60 -1.78	61.51 0.12 -1.10	49.54 0.34 -0.69	41.56 1.50 -0.46	36.69 1.09 -0.63	32.89 1.11 -0.09
PROJECT___ORANGE 1 24174	33.86 -0.03 -1.01	31.47 -0.06 -0.77	28.84 -0.11 -0.49	27.80 -0.17 -0.38	28.68 -0.14 -0.47	30.96 -0.21 -0.73	42.46 -0.46 -1.21	45.93 -0.35 -2.28	39.76 -0.40 -0.64	31.68 -0.32 -0.04	32.43 -0.29 -0.29	33.82 -0.34 -0.55	37.68 -0.33 -0.99	39.88 -0.27 -1.70	39.36 -0.28 0.00	42.16 -0.25 -1.25	47.41 -0.38 0.00	63.52 -0.51 0.00	70.74 -0.33 -0.47	64.56 -0.24 -4.51	51.32 -0.24 -3.06	40.84 -0.32 -1.56	35.71 -0.24 -0.98	32.40 -0.19 -0.89
PROJECT___ORANGE 2 24166	33.86 -0.03 -1.01	31.47 -0.06 -0.77	28.84 -0.11 -0.49	27.80 -0.17 -0.38	28.68 -0.14 -0.47	30.96 -0.21 -0.73	42.46 -0.46 -1.21	45.93 -0.35 -2.28	39.76 -0.40 -0.64	31.68 -0.32 -0.04	32.43 -0.29 -0.29	33.82 -0.34 -0.55	37.68 -0.33 -0.99	39.88 -0.27 -1.70	39.36 -0.28 0.00	42.16 -0.25 -1.25	47.41 -0.38 0.00	63.52 -0.51 0.00	70.74 -0.33 -0.47	64.56 -0.24 -4.51	51.32 -0.24 -3.06	40.84 -0.32 -1.56	35.71 -0.24 -0.98	32.40 -0.19 -0.89
PUCKETT___SOLAR 323809	34.56 0.92 -0.76	32.18 0.86 -0.56	29.56 0.74 -0.35	28.38 0.52 -0.27	29.31 0.62 -0.34	31.67 0.70 -0.52	43.12 0.54 -0.87	46.49 0.83 -1.66	40.41 0.44 -0.46	32.38 0.29 -0.14	32.96 0.23 -0.30	34.35 0.20 -0.53	38.20 0.26 -0.92	40.30 0.35 -1.51	40.15 0.28 -0.23	42.70 0.41 -1.14	48.65 0.53 -0.33	65.36 0.90 -0.43	71.42 1.39 -3.71	65.04 1.32 -3.42	51.88 1.07 -2.31	41.50 0.71 -1.19	36.27 0.49 -0.80	32.80 0.44 -0.66
PYRITES___HYD 24023	34.12 1.02 -0.22	32.00 1.08 -0.17	29.57 1.00 -0.11	28.61 0.94 -0.08	29.59 1.13 -0.10	32.10 1.49 -0.16	44.27 2.29 -0.26	46.87 2.38 -0.50	41.47 1.82 -0.14	33.05 1.09 -0.01	33.44 0.94 -0.06	34.80 1.08 -0.12	38.42 1.18 -0.22	39.66 0.85 -0.37	40.43 0.79 0.00	42.25 0.82 -0.27	48.79 1.00 0.00	65.82 1.79 0.00	69.34 1.99 -1.03	63.51 2.23 -0.98	50.97 1.79 -0.67	41.56 1.62 -0.34	36.56 1.36 -0.21	33.03 1.14 -0.19
QUAKERRD_115KV_BK1 80622	33.51 -0.07 -0.70	31.29 0.00 -0.53	28.55 -0.26 -0.34	27.49 -0.36 -0.26	28.39 -0.28 -0.33	30.55 -0.40 -0.50	40.87 -1.67 -0.83	44.21 -1.36 -1.57	38.57 -1.38 -0.44	30.93 -1.05 -0.03	31.70 -0.94 -0.20	32.98 -1.01 -0.38	36.63 -1.07 -0.69	38.73 -0.88 -1.17	38.41 -1.23 0.00	40.95 -1.07 -0.86	46.07 -1.72 0.00	61.47 -2.56 0.00	67.34 -2.25 -3.28	61.77 -1.63 -3.11	48.97 -1.65 -2.11	39.20 -1.46 -1.07	34.46 -1.19 -0.67	31.49 -0.82 -0.62
QUENSBRY_115KV_TB8 356137	33.76 1.02 0.14	31.53 0.80 0.03	29.24 0.77 0.00	28.34 0.74 0.00	29.09 0.74 0.00	31.27 0.82 0.00	48.06 1.33 -5.02	45.25 1.32 0.07	40.47 0.95 0.00	32.03 0.48 0.41	32.22 0.13 0.35	33.10 0.03 0.54	36.21 -0.04 0.77	37.34 0.00 1.10	38.81 0.04 0.87	40.69 0.45 0.92	47.42 0.91 1.28	64.30 1.92 1.65	67.65 2.45 1.12	61.78 2.17 0.69	49.77 1.70 0.43	40.58 1.27 0.28	35.57 0.98 0.39	32.56 0.92 0.05
RAMAPO___LBMP 323565	34.12 1.05 -0.19	31.59 0.80 -0.03	29.21 0.74 0.00	28.31 0.72 0.00	29.00 0.65 0.00	31.12 0.67 0.00	42.75 1.04 0.00	45.28 1.19 -0.09	40.90 1.38 0.00	34.00 1.44 -0.61	34.66 1.69 -0.53	36.20 1.78 -0.81	40.11 1.93 -1.16	42.18 2.08 -1.66	43.30 2.34 -1.32	44.72 2.18 -1.39	52.20 2.48 -1.93	69.35 2.82 -2.50	70.66 2.65 -1.69	63.39 2.05 -1.04	50.86 1.70 -0.65	41.61 1.58 -0.43	36.97 1.40 -0.60	32.89 1.11 -0.08
RANKINE____ 23646	34.64 1.09 -0.68	32.29 1.01 -0.52	29.39 0.60 -0.33	28.17 0.33 -0.25	29.20 0.54 -0.32	31.42 0.49 -0.49	40.89 -1.63 -0.81	44.43 -1.10 -1.53	38.80 -1.15 -0.43	31.28 -0.70 -0.03	32.11 -0.52 -0.19	33.44 -0.54 -0.37	37.02 -0.67 -0.67	39.28 -0.31 -1.14	38.93 -0.71 0.00	41.46 -0.53 -0.84	46.40 -1.39 0.00	61.34 -2.69 0.00	67.18 -2.32 -3.19	61.57 -1.75 -3.02	48.81 -1.75 -2.05	39.29 -1.35 -1.04	34.58 -1.05 -0.65	31.98 -0.32 -0.60
RAVENSWOOD_GT2_1 24244	34.52 1.45 -0.20	31.90 1.11 -0.03	29.46 1.00 0.00	28.56 0.97 0.00	29.23 0.88 0.00	31.39 0.94 0.00	43.20 1.42 -0.07	45.78 1.63 -0.16	41.48 1.94 -0.02	34.58 1.98 -0.65	35.27 2.27 -0.56	36.86 2.39 -0.87	40.81 2.55 -1.23	43.03 2.73 -1.86	44.20 3.01 -1.54	45.61 2.80 -1.66	53.56 3.11 -2.66	70.55 3.46 -3.06	71.97 3.25 -2.40	64.57 2.59 -1.68	51.80 2.09 -1.21	42.14 2.06 -0.49	37.50 1.89 -0.63	33.30 1.52 -0.09
RAVENSWOOD_GT2_2 24245	34.52 1.45 -0.20	31.90 1.11 -0.03	29.46 1.00 0.00	28.56 0.97 0.00	29.23 0.88 0.00	31.39 0.94 0.00	43.20 1.42 -0.07	45.78 1.63 -0.16	41.48 1.94 -0.02	34.58 1.98 -0.65	35.27 2.27 -0.56	36.86 2.39 -0.87	40.81 2.55 -1.23	43.03 2.73 -1.86	44.20 3.01 -1.54	45.61 2.80 -1.66	53.56 3.11 -2.66	70.55 3.46 -3.06	71.97 3.25 -2.40	64.57 2.59 -1.68	51.80 2.09 -1.21	42.14 2.06 -0.49	37.50 1.89 -0.63	33.30 1.52 -0.09

RAVENSWOOD_GT2_3 24246	34.56 1.48 -0.20	31.90 1.11 -0.03	29.46 1.00 0.00	28.56 0.97 0.00	29.26 0.91 0.00	31.39 0.94 0.00	43.24 1.46 -0.07	45.78 1.63 -0.16	41.48 1.94 -0.02	34.58 1.98 -0.65	35.30 2.30 -0.56	36.86 2.39 -0.87	40.84 2.59 -1.23	43.07 2.77 -1.86	44.24 3.05 -1.54	45.65 2.84 -1.66	53.60 3.15 -2.66	70.61 3.52 -3.06	72.04 3.32 -2.40	64.57 2.59 -1.68	51.85 2.13 -1.21	42.18 2.10 -0.49	37.50 1.89 -0.63	33.30 1.52 -0.09
RAVENSWOOD_GT2_4 24247	34.56 1.48 -0.20	31.90 1.11 -0.03	29.46 1.00 0.00	28.56 0.97 0.00	29.26 0.91 0.00	31.39 0.94 0.00	43.24 1.46 -0.07	45.78 1.63 -0.16	41.48 1.94 -0.02	34.58 1.98 -0.65	35.30 2.30 -0.56	36.86 2.39 -0.87	40.84 2.59 -1.23	43.07 2.77 -1.86	44.24 3.05 -1.54	45.65 2.84 -1.66	53.60 3.15 -2.66	70.61 3.52 -3.06	72.04 3.32 -2.40	64.57 2.59 -1.68	51.85 2.13 -1.21	42.18 2.10 -0.49	37.50 1.89 -0.63	33.30 1.52 -0.09
RAVENSWOOD_GT3_1 24248	34.52 1.45 -0.20	31.90 1.11 -0.03	29.46 1.00 0.00	28.56 0.97 0.00	29.23 0.88 0.00	31.39 0.94 0.00	43.24 1.46 -0.07	45.78 1.63 -0.16	41.48 1.94 -0.02	34.58 1.98 -0.65	35.27 2.27 -0.56	36.86 2.39 -0.87	40.84 2.59 -1.23	43.03 2.73 -1.86	44.20 3.01 -1.54	45.61 2.80 -1.66	53.56 3.11 -2.66	70.55 3.46 -3.06	71.97 3.25 -2.40	64.57 2.59 -1.68	51.80 2.09 -1.21	42.14 2.06 -0.49	37.50 1.89 -0.63	33.30 1.52 -0.09
RAVENSWOOD_GT3_2 24249	34.52 1.45 -0.20	31.90 1.11 -0.03	29.46 1.00 0.00	28.56 0.97 0.00	29.23 0.88 0.00	31.39 0.94 0.00	43.24 1.46 -0.07	45.78 1.63 -0.16	41.48 1.94 -0.02	34.58 1.98 -0.65	35.27 2.27 -0.56	36.86 2.39 -0.87	40.84 2.59 -1.23	43.03 2.73 -1.86	44.20 3.01 -1.54	45.61 2.80 -1.66	53.56 3.11 -2.66	70.55 3.46 -3.06	71.97 3.25 -2.40	64.57 2.59 -1.68	51.80 2.09 -1.21	42.14 2.06 -0.49	37.50 1.89 -0.63	33.30 1.52 -0.09
RAVENSWOOD_GT3_3 24250	34.59 1.51 -0.20	31.93 1.14 -0.03	29.49 1.02 0.00	28.58 0.99 0.00	29.28 0.94 0.00	31.42 0.97 0.00	43.28 1.50 -0.07	45.83 1.67 -0.16	41.55 2.02 -0.02	34.61 2.01 -0.65	35.34 2.34 -0.56	36.93 2.45 -0.87	40.88 2.63 -1.23	43.11 2.81 -1.86	44.28 3.09 -1.54	45.69 2.88 -1.66	53.65 3.20 -2.66	70.68 3.59 -3.06	72.10 3.38 -2.40	64.69 2.71 -1.68	51.90 2.18 -1.21	42.22 2.14 -0.49	37.53 1.92 -0.63	33.34 1.55 -0.09
RAVENSWOOD_GT3_4 24251	34.59 1.51 -0.20	31.93 1.14 -0.03	29.49 1.02 0.00	28.58 0.99 0.00	29.28 0.94 0.00	31.42 0.97 0.00	43.28 1.50 -0.07	45.83 1.67 -0.16	41.55 2.02 -0.02	34.61 2.01 -0.65	35.34 2.34 -0.56	36.93 2.45 -0.87	40.88 2.63 -1.23	43.11 2.81 -1.86	44.28 3.09 -1.54	45.69 2.88 -1.66	53.65 3.20 -2.66	70.68 3.59 -3.06	72.10 3.38 -2.40	64.69 2.71 -1.68	51.90 2.18 -1.21	42.22 2.14 -0.49	37.53 1.92 -0.63	33.34 1.55 -0.09
RAVENSWOOD_GT_1 23729	34.69 1.61 -0.20	32.02 1.23 -0.03	29.58 1.11 0.00	28.67 1.08 0.00	29.34 0.99 0.00	31.48 1.04 0.00	44.39 1.42 -1.26	46.76 1.58 -1.18	41.94 2.05 -0.36	34.68 2.08 -0.65	35.43 2.43 -0.56	37.00 2.52 -0.87	41.02 2.74 -1.26	44.85 2.88 -3.52	46.68 3.17 -3.87	48.92 2.88 -4.89	63.67 3.01 -12.88	77.21 3.20 -9.97	81.89 2.98 -12.59	73.89 2.35 -11.24	60.18 1.89 -9.78	42.79 2.14 -1.06	37.60 1.99 -0.63	33.40 1.62 -0.09
RAVENSWOOD_GT_10 24258	34.52 1.45 -0.20	31.90 1.11 -0.03	29.46 1.00 0.00	28.56 0.97 0.00	29.23 0.88 0.00	31.39 0.94 0.00	43.38 1.46 -0.21	45.90 1.63 -0.27	41.51 1.94 -0.06	34.58 1.98 -0.65	35.27 2.27 -0.56	36.86 2.39 -0.87	40.81 2.55 -1.24	43.23 2.73 -2.05	44.47 3.01 -1.82	45.98 2.80 -2.03	54.74 3.11 -3.84	71.35 3.46 -3.86	73.21 3.32 -3.58	65.68 2.59 -2.79	52.84 2.13 -2.20	42.21 2.06 -0.56	37.50 1.89 -0.63	33.30 1.52 -0.09
RAVENSWOOD_GT_11 24259	34.52 1.45 -0.20	31.90 1.11 -0.03	29.46 1.00 0.00	28.56 0.97 0.00	29.23 0.88 0.00	31.39 0.94 0.00	43.38 1.46 -0.21	45.90 1.63 -0.27	41.51 1.94 -0.06	34.58 1.98 -0.65	35.27 2.27 -0.56	36.86 2.39 -0.87	40.81 2.55 -1.24	43.23 2.73 -2.05	44.47 3.01 -1.82	45.98 2.80 -2.03	54.74 3.11 -3.84	71.35 3.46 -3.86	73.21 3.32 -3.58	65.68 2.59 -2.79	52.84 2.13 -2.20	42.21 2.06 -0.56	37.50 1.89 -0.63	33.30 1.52 -0.09
RAVENSWOOD_GT_4 24252	34.49 1.41 -0.20	31.87 1.08 -0.03	29.43 0.97 0.00	28.53 0.94 0.00	29.23 0.88 0.00	31.39 0.94 0.00	42.78 1.46 0.39	45.39 1.63 0.24	41.34 1.94 0.11	34.55 1.95 -0.65	35.27 2.27 -0.56	36.83 2.35 -0.87	40.80 2.55 -1.22	42.32 2.69 -1.19	43.26 3.01 -0.60	44.37 2.80 -0.42	49.67 3.15 1.27	67.95 3.52 -0.40	68.18 3.38 1.52	60.96 2.65 1.99	48.60 2.18 2.09	41.92 2.06 -0.27	37.46 1.85 -0.63	33.27 1.49 -0.09
RAVENSWOOD_GT_5 24254	34.49 1.41 -0.20	31.87 1.08 -0.03	29.43 0.97 0.00	28.53 0.94 0.00	29.23 0.88 0.00	31.39 0.94 0.00	42.78 1.46 0.39	45.39 1.63 0.24	41.34 1.94 0.11	34.55 1.95 -0.65	35.27 2.27 -0.56	36.83 2.35 -0.87	40.80 2.55 -1.22	42.32 2.69 -1.19	43.26 3.01 -0.60	44.37 2.80 -0.42	49.67 3.15 1.27	67.95 3.52 -0.40	68.18 3.38 1.52	60.96 2.65 1.99	48.60 2.18 2.09	41.92 2.06 -0.27	37.46 1.85 -0.63	33.27 1.49 -0.09
RAVENSWOOD_GT_6 24253	34.49 1.41 -0.20	31.87 1.08 -0.03	29.43 0.97 0.00	28.53 0.94 0.00	29.23 0.88 0.00	31.39 0.94 0.00	42.78 1.46 0.39	45.39 1.63 0.24	41.34 1.94 0.11	34.55 1.95 -0.65	35.27 2.27 -0.56	36.83 2.35 -0.87	40.80 2.55 -1.22	42.32 2.69 -1.19	43.26 3.01 -0.60	44.37 2.80 -0.42	49.67 3.15 1.27	67.95 3.52 -0.40	68.18 3.38 1.52	60.96 2.65 1.99	48.60 2.18 2.09	41.92 2.06 -0.27	37.46 1.85 -0.63	33.27 1.49 -0.09
RAVENSWOOD_GT_7 24255	34.49 1.41 -0.20	31.87 1.08 -0.03	29.43 0.97 0.00	28.53 0.94 0.00	29.23 0.88 0.00	31.39 0.94 0.00	42.78 1.46 0.39	45.39 1.63 0.24	41.34 1.94 0.11	34.55 1.95 -0.65	35.27 2.27 -0.56	36.83 2.35 -0.87	40.80 2.55 -1.22	42.32 2.69 -1.19	43.26 3.01 -0.60	44.37 2.80 -0.42	49.67 3.15 1.27	67.95 3.52 -0.40	68.18 3.38 1.52	60.96 2.65 1.99	48.60 2.18 2.09	41.92 2.06 -0.27	37.46 1.85 -0.63	33.27 1.49 -0.09
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	34.52 1.45 -0.20	31.90 1.11 -0.03	29.46 1.00 0.00	28.56 0.97 0.00	29.23 0.88 0.00	31.39 0.94 0.00	43.38 1.46 -0.21	45.90 1.63 -0.27	41.51 1.94 -0.06	34.58 1.98 -0.65	35.27 2.27 -0.56	36.86 2.39 -0.87	40.81 2.55 -1.24	43.23 2.73 -2.05	44.47 3.01 -1.82	45.98 2.80 -2.03	54.74 3.11 -3.84	71.35 3.46 -3.86	73.21 3.32 -3.58	65.68 2.59 -2.79	52.84 2.13 -2.20	42.21 2.06 -0.56	37.50 1.89 -0.63	33.30 1.52 -0.09
RAVENSWOOD_GT_9 24257	34.52 1.45 -0.20	31.90 1.11 -0.03	29.46 1.00 0.00	28.56 0.97 0.00	29.23 0.88 0.00	31.39 0.94 0.00	43.38 1.46 -0.21	45.90 1.63 -0.27	41.51 1.94 -0.06	34.58 1.98 -0.65	35.27 2.27 -0.56	36.86 2.39 -0.87	40.81 2.55 -1.24	43.23 2.73 -2.05	44.47 3.01 -1.82	45.98 2.80 -2.03	54.74 3.11 -3.84	71.35 3.46 -3.86	73.21 3.32 -3.58	65.68 2.59 -2.79	52.84 2.13 -2.20	42.21 2.06 -0.56	37.50 1.89 -0.63	33.30 1.52 -0.09

RAVENSWOOD___1 23533	34.69 1.61 -0.20	32.02 1.23 -0.03	29.58 1.11 0.00	28.64 1.05 0.00	29.34 0.99 0.00	31.45 1.00 0.00	44.05 1.37 -0.97	46.55 1.63 -0.92	41.61 1.82 -0.28	34.71 2.11 -0.65	35.43 2.43 -0.56	37.00 2.52 -0.87	41.01 2.74 -1.25	44.46 2.88 -3.13	46.13 3.17 -3.32	47.95 2.72 -4.08	61.08 2.96 -10.33	75.55 3.26 -8.25	79.35 2.99 -10.05	71.50 2.35 -8.86	57.99 1.84 -7.64	42.65 2.14 -0.92	37.60 1.99 -0.63	33.49 1.71 -0.09
RAVENSWOOD___2 23534	34.62 1.55 -0.20	31.96 1.17 -0.03	29.52 1.05 0.00	28.58 0.99 0.00	29.28 0.93 0.00	31.39 0.94 0.00	43.96 1.29 -0.96	46.45 1.54 -0.91	41.53 1.74 -0.28	34.65 2.05 -0.65	35.37 2.37 -0.56	36.93 2.45 -0.87	40.94 2.67 -1.25	44.37 2.80 -3.12	46.04 3.09 -3.30	47.81 2.59 -4.06	60.63 2.58 -10.26	74.92 2.69 -8.20	78.68 2.38 -9.98	70.96 1.87 -8.79	57.65 1.55 -7.59	42.56 2.06 -0.91	37.53 1.92 -0.63	33.43 1.65 -0.09
RAVENSWOOD___3 23535	34.52 1.45 -0.20	31.90 1.11 -0.03	29.46 1.00 0.00	28.56 0.97 0.00	29.23 0.88 0.00	31.36 0.91 0.00	43.20 1.42 -0.07	45.79 1.63 -0.16	41.36 1.82 -0.02	34.62 2.01 -0.65	35.27 2.27 -0.56	36.86 2.39 -0.87	40.84 2.59 -1.23	43.03 2.73 -1.86	44.20 3.01 -1.54	45.53 2.72 -1.66	53.56 3.10 -2.66	70.61 3.52 -3.06	71.97 3.25 -2.40	64.63 2.65 -1.68	51.80 2.08 -1.21	42.14 2.06 -0.49	37.50 1.89 -0.63	33.37 1.58 -0.09
RAVENSWOOD___4 23820	34.69 1.61 -0.20	31.99 1.20 -0.03	29.58 1.11 0.00	28.64 1.05 0.00	29.31 0.96 0.00	31.45 1.00 0.00	43.75 1.37 -0.66	46.25 1.58 -0.66	41.53 1.82 -0.19	34.71 2.11 -0.65	35.40 2.40 -0.56	37.00 2.52 -0.87	41.01 2.74 -1.25	44.02 2.84 -2.73	45.53 3.13 -2.76	47.13 2.72 -3.27	58.50 2.96 -7.75	73.73 3.20 -6.50	76.77 2.99 -7.47	69.08 2.35 -6.44	55.83 1.84 -5.47	42.50 2.14 -0.77	37.60 1.99 -0.63	33.46 1.68 -0.09
RCPL_TRUST___DRP 24196	34.52 1.45 -0.20	31.87 1.08 -0.03	29.46 1.00 0.00	28.56 0.97 0.00	29.23 0.88 0.00	31.39 0.94 0.00	43.29 1.50 -0.08	45.84 1.67 -0.17	41.52 1.98 -0.02	34.61 2.01 -0.65	35.30 2.30 -0.56	36.89 2.42 -0.86	40.88 2.63 -1.23	43.13 2.81 -1.88	44.30 3.09 -1.57	45.73 2.88 -1.69	53.80 3.25 -2.77	70.81 3.65 -3.13	72.27 3.45 -2.51	64.79 2.71 -1.78	51.99 2.18 -1.30	42.19 2.10 -0.50	37.50 1.89 -0.63	33.30 1.52 -0.09
RED___ROCHESTER 323720	34.45 0.92 -0.65	32.18 0.92 -0.50	29.35 0.57 -0.32	28.25 0.41 -0.24	29.17 0.51 -0.31	31.37 0.46 -0.47	41.82 -0.67 -0.78	45.26 -0.22 -1.48	39.50 -0.43 -0.41	31.69 -0.29 -0.03	32.50 -0.13 -0.19	33.83 -0.13 -0.36	37.55 -0.11 -0.64	39.70 0.15 -1.10	39.41 -0.24 0.00	41.88 -0.08 -0.81	47.26 -0.52 0.00	62.94 -1.09 0.00	68.61 -0.79 -3.09	62.98 -0.24 -2.93	50.06 -0.44 -1.99	40.09 -0.52 -1.01	35.16 -0.46 -0.63	31.93 -0.35 -0.58
REGAN___SOLAR 323812	34.66 1.87 0.09	32.37 1.63 0.02	29.97 1.51 0.00	29.02 1.43 0.00	29.85 1.50 0.00	32.15 1.70 0.00	45.89 2.46 -1.72	46.46 2.51 0.04	40.86 1.34 0.00	32.02 0.32 0.26	31.96 -0.26 0.22	32.73 -0.54 0.34	35.87 -0.67 0.49	37.06 -0.69 0.70	38.57 -0.52 0.55	40.74 0.17 0.58	48.08 1.10 0.81	66.12 3.14 1.04	70.06 4.44 0.71	63.90 4.04 0.44	51.44 3.20 0.27	41.83 2.42 0.18	36.72 1.99 0.25	33.37 1.71 0.03
RENSSELAER___COGEN 23796	32.50 -0.26 0.12	30.43 -0.31 0.02	28.24 -0.23 0.00	27.45 -0.14 0.00	28.09 -0.26 0.00	30.14 -0.30 0.00	33.57 -0.12 8.02	43.55 -0.40 0.06	39.24 -0.27 0.00	31.37 -0.19 0.39	31.87 -0.23 0.34	32.81 -0.27 0.52	35.97 -0.30 0.75	37.18 -0.19 1.07	38.65 -0.16 0.83	40.03 -0.25 0.88	46.47 -0.10 1.22	62.20 -0.26 1.58	64.85 -0.40 1.07	59.15 -0.48 0.66	47.81 -0.29 0.41	39.12 -0.20 0.27	34.60 0.00 0.38	31.65 0.00 0.05
REPUBLIC_115KV_BARTNBRK 55605	35.14 2.40 0.14	32.73 2.00 0.03	30.35 1.88 0.00	29.38 1.79 0.00	30.19 1.84 0.00	32.55 2.10 0.00	50.08 3.17 -5.20	47.19 3.26 0.07	41.97 2.45 0.00	32.95 1.41 0.41	32.96 0.88 0.36	33.80 0.74 0.55	36.98 0.74 0.78	38.09 0.77 1.12	39.59 0.83 0.89	41.78 1.56 0.93	48.93 2.44 1.30	66.90 4.55 1.68	70.82 5.64 1.13	64.66 5.06 0.70	52.05 3.98 0.44	42.19 2.89 0.29	36.92 2.34 0.40	33.74 2.09 0.05
REVERE_CPPR_DRP 24186	34.49 1.12 -0.49	32.21 1.08 -0.37	29.64 0.94 -0.24	28.43 0.66 -0.18	29.34 0.77 -0.23	31.74 0.94 -0.35	43.59 1.29 -0.58	46.73 1.63 -1.10	40.89 1.07 -0.31	32.65 0.67 -0.02	33.06 0.49 -0.14	34.45 0.57 -0.27	38.20 0.70 -0.48	39.96 0.69 -0.82	40.16 0.52 0.00	42.50 0.74 -0.61	48.60 0.81 0.00	65.50 1.47 0.00	70.54 1.92 -2.30	64.46 1.99 -2.18	51.63 1.65 -1.48	41.61 1.27 -0.75	36.43 0.98 -0.47	32.92 0.79 -0.43
REYNLDPA_13_KV_LD 356490	33.24 0.36 0.00	31.15 0.40 0.00	28.87 0.40 0.00	28.06 0.47 0.00	28.92 0.57 0.00	31.17 0.73 0.00	42.83 1.13 0.00	45.10 1.10 0.00	40.54 1.03 0.00	32.59 0.64 0.00	33.05 0.61 0.00	34.32 0.71 0.00	37.80 0.78 0.00	38.94 0.50 0.00	40.20 0.55 0.00	41.69 0.53 0.00	48.46 0.67 0.00	65.12 1.09 0.00	67.37 1.06 0.00	61.50 1.21 0.00	49.43 0.92 0.00	40.34 0.75 0.00	35.61 0.63 0.00	32.24 0.54 0.00
REYNOLDS_115KV_TB3 80639	32.80 0.07 0.14	30.73 0.00 0.03	28.52 0.06 0.00	27.73 0.14 0.00	28.38 0.03 0.00	30.45 0.00 0.00	32.00 0.29 10.00	43.98 0.04 0.07	39.60 0.08 0.00	31.58 0.10 0.47	32.09 0.06 0.41	33.05 0.07 0.63	36.16 0.04 0.90	37.31 0.15 1.29	38.87 0.24 1.01	40.30 0.21 1.06	46.69 0.38 1.48	62.50 0.38 1.92	65.29 0.27 1.29	59.56 0.06 0.80	48.20 0.19 0.50	39.46 0.20 0.33	34.77 0.24 0.46	31.83 0.19 0.06
RIVERBAY____ 323610	35.12 2.04 -0.20	32.39 1.60 -0.03	29.89 1.42 0.00	28.94 1.35 0.00	29.62 1.28 0.00	31.75 1.31 0.00	43.67 1.79 -0.17	46.22 1.98 -0.24	41.86 2.29 -0.05	34.90 2.30 -0.65	35.66 2.66 -0.56	37.23 2.76 -0.87	41.29 3.04 -1.23	43.63 3.19 -1.73	44.90 3.53 -1.73	46.27 3.21 -1.91	54.60 3.35 -3.46	71.48 3.84 -3.60	73.22 3.71 -3.19	65.74 3.01 -2.42	52.61 2.23 -1.87	42.58 2.45 -0.53	37.95 2.34 -0.63	33.72 1.93 -0.09
RIVERSDE_115KV_TB3 55908	32.68 -0.07 0.13	30.58 -0.15 0.02	28.41 -0.06 0.00	27.62 0.03 0.00	28.26 -0.09 0.00	30.32 -0.12 0.00	32.76 0.13 9.07	43.81 -0.13 0.06	39.48 -0.04 0.00	31.51 0.00 0.44	31.99 -0.06 0.38	32.96 -0.07 0.58	36.11 -0.07 0.84	37.25 0.00 1.19	38.78 0.08 0.94	40.21 0.04 0.99	46.60 0.19 1.37	62.38 0.13 1.78	65.18 0.07 1.20	59.43 -0.12 0.74	48.04 0.00 0.46	39.33 0.04 0.31	34.66 0.10 0.42	31.74 0.10 0.06
ROARING___BROOK_WT_PWR 323790	32.68 -0.20 0.00	30.60 -0.15 0.00	28.35 -0.11 0.00	27.54 -0.06 0.00	28.32 -0.03 0.00	30.48 0.03 0.00	41.79 0.08 0.00	44.04 0.04 0.00	39.56 0.04 0.00	31.95 0.00 0.00	32.41 -0.03 0.00	33.54 -0.07 0.00	36.84 -0.18 0.00	38.10 -0.35 0.00	39.25 -0.40 0.00	40.66 -0.49 0.00	47.22 -0.57 0.00	63.27 -0.77 0.00	65.39 -0.93 0.00	59.39 -0.90 0.00	47.78 -0.73 0.00	39.04 -0.55 0.00	34.56 -0.42 0.00	31.32 -0.38 0.00

ROCHESRG_115KV_T4 355643	34.15 0.62 -0.65	31.90 0.65 -0.49	29.12 0.34 -0.31	28.02 0.19 -0.24	28.93 0.28 -0.30	31.12 0.21 -0.47	41.44 -1.04 -0.77	44.75 -0.70 -1.46	39.14 -0.79 -0.41	31.44 -0.54 -0.03	32.20 -0.42 -0.18	33.52 -0.44 -0.35	37.18 -0.48 -0.64	39.30 -0.23 -1.09	39.05 -0.59 0.00	41.58 -0.37 -0.80	46.78 -1.00 0.00	62.30 -1.73 0.00	67.96 -1.39 -3.04	62.39 -0.78 -2.88	49.49 -0.97 -1.95	39.76 -0.83 -1.00	34.97 -0.63 -0.62	32.02 -0.25 -0.57
ROCHESTER_9_IC 23652	34.32 0.79 -0.65	32.06 0.80 -0.50	29.24 0.46 -0.32	28.14 0.30 -0.24	29.05 0.40 -0.31	31.25 0.33 -0.47	41.66 -0.83 -0.78	45.04 -0.44 -1.48	39.34 -0.59 -0.41	31.60 -0.38 -0.03	32.37 -0.26 -0.19	33.70 -0.27 -0.36	37.41 -0.26 -0.64	39.51 -0.04 -1.10	39.25 -0.40 0.00	41.80 -0.16 -0.81	47.02 -0.76 0.00	62.62 -1.41 0.00	68.34 -1.06 -3.08	62.79 -0.42 -2.92	49.76 -0.73 -1.98	39.93 -0.67 -1.01	35.12 -0.49 -0.63	32.15 -0.13 -0.58
ROCKVIEW_13_KV_LD 356306	34.49 1.41 -0.20	31.87 1.08 -0.03	29.46 1.00 0.00	28.56 0.97 0.00	29.26 0.91 0.00	31.39 0.94 0.00	43.27 1.46 -0.10	45.81 1.63 -0.18	41.44 1.90 -0.03	34.49 1.89 -0.65	35.17 2.17 -0.56	36.72 2.25 -0.86	40.70 2.44 -1.23	42.95 2.61 -1.90	44.12 2.89 -1.59	45.60 2.72 -1.73	53.73 3.06 -2.88	70.76 3.52 -3.21	72.25 3.32 -2.62	64.84 2.65 -1.89	52.13 2.23 -1.39	42.15 2.06 -0.50	37.43 1.82 -0.63	33.27 1.49 -0.09
ROME____115KV_TB2 80656	34.49 1.12 -0.49	32.21 1.08 -0.37	29.64 0.94 -0.24	28.43 0.66 -0.18	29.34 0.77 -0.23	31.74 0.94 -0.35	43.59 1.29 -0.58	46.73 1.63 -1.10	40.89 1.07 -0.31	32.65 0.67 -0.02	33.06 0.49 -0.14	34.45 0.57 -0.27	38.20 0.70 -0.48	39.96 0.69 -0.82	40.16 0.52 0.00	42.50 0.74 -0.61	48.60 0.81 0.00	65.50 1.47 0.00	70.54 1.92 -2.30	64.46 1.99 -2.18	51.63 1.65 -1.48	41.61 1.27 -0.75	36.43 0.98 -0.47	32.92 0.79 -0.43
ROSETON___1 23587	33.99 0.92 -0.19	31.46 0.68 -0.03	29.12 0.66 0.00	28.23 0.64 0.00	28.92 0.57 0.00	30.99 0.55 0.00	42.59 0.88 0.00	45.06 0.97 -0.09	40.66 1.15 0.00	33.81 1.24 -0.61	34.43 1.46 -0.53	35.93 1.51 -0.81	39.81 1.63 -1.16	41.87 1.77 -1.66	42.98 2.02 -1.32	44.30 1.77 -1.38	51.87 2.15 -1.93	68.90 2.37 -2.49	70.19 2.19 -1.68	63.09 1.75 -1.04	50.57 1.41 -0.65	41.37 1.35 -0.43	36.80 1.22 -0.59	32.82 1.04 -0.08
ROSETON___2 23588	33.99 0.92 -0.19	31.46 0.68 -0.03	29.12 0.66 0.00	28.23 0.64 0.00	28.92 0.57 0.00	30.99 0.55 0.00	42.59 0.88 0.00	45.06 0.97 -0.09	40.66 1.15 0.00	33.81 1.24 -0.61	34.43 1.46 -0.53	35.93 1.51 -0.81	39.81 1.63 -1.16	41.87 1.77 -1.66	42.98 2.02 -1.32	44.30 1.77 -1.38	51.87 2.15 -1.93	68.90 2.37 -2.49	70.19 2.19 -1.68	63.09 1.75 -1.04	50.57 1.41 -0.65	41.37 1.35 -0.43	36.80 1.22 -0.59	32.82 1.04 -0.08
ROTRDAM_115KV_TB3 80664	33.33 0.56 0.11	31.20 0.46 0.02	28.92 0.46 0.00	28.03 0.44 0.00	28.77 0.43 0.00	30.87 0.43 0.00	44.24 0.63 -1.90	44.56 0.62 0.05	39.99 0.47 0.00	32.01 0.35 0.30	32.47 0.29 0.26	33.48 0.27 0.40	36.71 0.26 0.57	37.98 0.35 0.81	39.40 0.40 0.64	40.97 0.49 0.68	47.56 0.72 0.94	63.97 1.15 1.22	66.75 1.26 0.82	60.81 1.03 0.51	49.06 0.87 0.32	40.14 0.75 0.21	35.32 0.63 0.29	32.23 0.57 0.04
RUSSELL___1 23602	34.46 0.92 -0.65	32.18 0.92 -0.50	29.35 0.57 -0.32	28.25 0.41 -0.24	29.16 0.51 -0.31	31.37 0.46 -0.47	41.82 -0.67 -0.78	45.26 -0.22 -1.48	39.54 -0.40 -0.41	31.73 -0.26 -0.03	32.49 -0.13 -0.19	33.83 -0.13 -0.36	37.55 -0.11 -0.64	39.70 0.15 -1.10	39.40 -0.24 0.00	41.96 0.00 -0.81	47.26 -0.53 0.00	62.88 -1.15 0.00	68.60 -0.80 -3.08	63.10 -0.12 -2.92	50.00 -0.49 -1.98	40.13 -0.48 -1.01	35.26 -0.35 -0.63	32.24 -0.03 -0.58
RUSSELL___2 23532	34.46 0.92 -0.65	32.18 0.92 -0.50	29.35 0.57 -0.32	28.25 0.41 -0.24	29.16 0.51 -0.31	31.37 0.46 -0.47	41.82 -0.67 -0.78	45.26 -0.22 -1.48	39.54 -0.40 -0.41	31.73 -0.26 -0.03	32.49 -0.13 -0.19	33.83 -0.13 -0.36	37.55 -0.11 -0.64	39.70 0.15 -1.10	39.40 -0.24 0.00	41.96 0.00 -0.81	47.26 -0.53 0.00	62.88 -1.15 0.00	68.60 -0.80 -3.08	63.10 -0.12 -2.92	50.00 -0.49 -1.98	40.13 -0.48 -1.01	35.26 -0.35 -0.63	32.24 -0.03 -0.58
RUSSELL___3 23549	34.46 0.92 -0.65	32.18 0.92 -0.50	29.35 0.57 -0.32	28.25 0.41 -0.24	29.16 0.51 -0.31	31.37 0.46 -0.47	41.82 -0.67 -0.78	45.26 -0.22 -1.48	39.54 -0.40 -0.41	31.73 -0.26 -0.03	32.49 -0.13 -0.19	33.83 -0.13 -0.36	37.55 -0.11 -0.64	39.70 0.15 -1.10	39.40 -0.24 0.00	41.96 0.00 -0.81	47.26 -0.53 0.00	62.88 -1.15 0.00	68.60 -0.80 -3.08	63.10 -0.12 -2.92	50.00 -0.49 -1.98	40.13 -0.48 -1.01	35.26 -0.35 -0.63	32.24 -0.03 -0.58
RUSSELL___4 23556	34.46 0.92 -0.65	32.18 0.92 -0.50	29.35 0.57 -0.32	28.25 0.41 -0.24	29.16 0.51 -0.31	31.37 0.46 -0.47	41.82 -0.67 -0.78	45.26 -0.22 -1.48	39.54 -0.40 -0.41	31.73 -0.26 -0.03	32.49 -0.13 -0.19	33.83 -0.13 -0.36	37.55 -0.11 -0.64	39.70 0.15 -1.10	39.40 -0.24 0.00	41.96 0.00 -0.81	47.26 -0.53 0.00	62.88 -1.15 0.00	68.60 -0.80 -3.08	63.10 -0.12 -2.92	50.00 -0.49 -1.98	40.13 -0.48 -1.01	35.26 -0.35 -0.63	32.24 -0.03 -0.58
RUSSELL___STATION 23914	34.46 0.92 -0.65	32.18 0.92 -0.50	29.35 0.57 -0.32	28.25 0.41 -0.24	29.16 0.51 -0.31	31.37 0.46 -0.47	41.82 -0.67 -0.78	45.26 -0.22 -1.48	39.54 -0.40 -0.41	31.73 -0.26 -0.03	32.49 -0.13 -0.19	33.83 -0.13 -0.36	37.55 -0.11 -0.64	39.70 0.15 -1.10	39.40 -0.24 0.00	41.96 0.00 -0.81	47.26 -0.53 0.00	62.88 -1.15 0.00	68.60 -0.80 -3.08	63.10 -0.12 -2.92	50.00 -0.49 -1.98	40.13 -0.48 -1.01	35.26 -0.35 -0.63	32.24 -0.03 -0.58
S SALMON___HYD 24043	34.65 0.17 -1.60	32.17 0.19 -1.23	29.36 0.11 -0.78	28.13 -0.06 -0.60	29.10 0.00 -0.75	31.69 0.09 -1.16	43.67 0.04 -1.92	47.84 0.22 -3.62	40.45 -0.08 -1.01	31.83 -0.19 -0.07	32.63 -0.26 -0.45	34.21 -0.27 -0.87	38.34 -0.26 -1.58	40.88 -0.27 -2.70	39.17 -0.47 0.00	42.69 -0.45 -1.99	47.31 -0.48 0.00	63.59 -0.45 0.00	73.79 -0.07 -7.54	67.56 0.12 -7.14	53.45 0.10 -4.85	42.10 0.04 -2.47	36.53 0.00 -1.55	33.05 -0.06 -1.42
S.PERRY__115KV_TB1 80734	35.44 1.84 -0.72	33.09 1.78 -0.55	30.16 1.34 -0.35	29.02 1.16 -0.27	29.96 1.28 -0.34	32.31 1.34 -0.52	43.07 0.50 -0.87	46.73 1.10 -1.63	40.33 0.36 -0.46	32.11 0.13 -0.03	32.87 0.23 -0.20	34.14 0.13 -0.39	37.84 0.11 -0.71	40.09 0.42 -1.22	39.76 0.12 0.00	42.46 0.41 -0.90	47.84 0.05 0.00	64.16 0.13 0.00	70.92 1.19 -3.41	65.21 1.69 -3.23	51.47 0.78 -2.19	41.03 0.32 -1.12	35.99 0.31 -0.70	32.88 0.54 -0.64
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	34.50 0.95 -0.67	32.16 0.89 -0.51	29.25 0.46 -0.32	28.03 0.19 -0.25	29.09 0.43 -0.31	31.23 0.30 -0.48	40.47 -2.04 -0.80	43.93 -1.58 -1.51	38.40 -1.54 -0.42	30.99 -0.99 -0.03	31.82 -0.81 -0.19	33.13 -0.84 -0.36	36.64 -1.04 -0.66	38.88 -0.69 -1.13	38.53 -1.11 0.00	41.12 -0.86 -0.83	45.92 -1.86 0.00	60.57 -3.46 0.00	66.35 -3.12 -3.15	60.87 -2.41 -2.98	48.30 -2.23 -2.02	38.96 -1.66 -1.03	34.37 -1.26 -0.65	31.88 -0.41 -0.59

SAWYER___23_KV_LOAD 55526	34.50 0.95 -0.67	32.16 0.89 -0.51	29.25 0.46 -0.32	28.03 0.19 -0.25	29.09 0.43 -0.31	31.23 0.30 -0.48	40.47 -2.04 -0.80	43.93 -1.58 -1.51	38.40 -1.54 -0.42	30.99 -0.99 -0.03	31.82 -0.81 -0.19	33.13 -0.84 -0.36	36.64 -1.04 -0.66	38.88 -0.69 -1.13	38.53 -1.11 0.00	41.12 -0.86 -0.83	45.92 -1.86 0.00	60.57 -3.46 0.00	66.35 -3.12 -3.15	60.87 -2.41 -2.98	48.30 -2.23 -2.02	38.96 -1.66 -1.03	34.37 -1.26 -0.65	31.88 -0.41 -0.59
SELKIRK___I 23801	32.32 -0.49 0.07	30.25 -0.49 0.01	28.04 -0.43 0.00	27.23 -0.36 0.00	27.87 -0.48 0.00	29.90 -0.55 0.00	36.43 -0.50 4.78	43.22 -0.75 0.03	38.85 -0.67 0.00	31.16 -0.61 0.19	31.56 -0.71 0.17	32.58 -0.77 0.25	5.01 -0.89 31.13	22.10 -0.85 15.50	38.31 -0.83 0.50	39.76 -0.87 0.52	46.29 -0.77 0.73	62.19 -0.90 0.94	64.75 -0.93 0.64	59.00 -0.90 0.39	47.68 -0.58 0.25	38.96 -0.47 0.16	35.10 0.35 0.22	32.02 0.35 0.03
SELKIRK___II 23799	32.44 -0.36 0.08	30.37 -0.37 0.01	28.15 -0.31 0.00	27.37 -0.22 0.00	28.01 -0.34 0.00	30.02 -0.43 0.00	36.05 -0.34 5.32	43.43 -0.53 0.04	39.12 -0.40 0.00	31.43 -0.26 0.27	31.92 -0.29 0.23	32.92 -0.34 0.35	-37.20 -0.37 73.85	1.70 -0.31 36.44	38.82 -0.24 0.59	40.20 -0.33 0.62	46.69 -0.24 0.86	62.41 -0.51 1.11	64.90 -0.66 0.75	59.11 -0.72 0.46	47.78 -0.44 0.29	39.13 -0.28 0.19	34.61 -0.10 0.27	31.57 -0.09 0.04
SENECA OSWGO___HYD 24041	33.62 -0.13 -0.88	31.27 -0.15 -0.67	28.69 -0.20 -0.42	27.67 -0.25 -0.33	28.53 -0.23 -0.41	30.83 -0.24 -0.63	42.30 -0.46 -1.05	45.58 -0.40 -1.98	39.60 -0.47 -0.55	31.61 -0.38 -0.04	32.30 -0.39 -0.25	33.65 -0.44 -0.48	37.44 -0.44 -0.86	39.54 -0.38 -1.48	39.21 -0.44 0.00	41.83 -0.41 -1.09	47.31 -0.48 0.00	63.45 -0.58 0.00	70.11 -0.33 -4.12	63.96 -0.24 -3.91	50.92 -0.24 -2.65	40.59 -0.36 -1.35	35.48 -0.35 -0.85	32.15 -0.32 -0.77
SENECA___115KV_TB3 355854	34.71 1.15 -0.68	32.32 1.05 -0.52	29.42 0.63 -0.33	28.20 0.36 -0.25	29.23 0.57 -0.32	31.45 0.52 -0.49	40.93 -1.58 -0.81	44.52 -1.01 -1.53	38.88 -1.07 -0.43	31.31 -0.67 -0.03	32.18 -0.45 -0.19	33.51 -0.47 -0.37	37.06 -0.63 -0.67	39.36 -0.23 -1.14	38.97 -0.67 0.00	41.54 -0.45 -0.84	46.45 -1.34 0.00	61.41 -2.63 0.00	67.25 -2.25 -3.19	61.63 -1.69 -3.02	48.86 -1.70 -2.05	39.33 -1.31 -1.04	34.62 -1.01 -0.65	32.01 -0.29 -0.60
SENECA___ENERGY 23797	34.53 0.40 -1.25	32.08 0.37 -0.96	29.27 0.20 -0.61	28.17 0.11 -0.46	29.10 0.17 -0.58	31.56 0.21 -0.90	42.91 -0.29 -1.50	46.78 -0.04 -2.82	40.11 -0.20 -0.79	31.85 -0.16 -0.05	32.70 -0.10 -0.35	34.15 -0.13 -0.68	38.10 -0.15 -1.23	40.55 0.00 -2.11	39.52 -0.12 0.00	42.54 -0.16 -1.55	47.50 -0.29 0.00	63.65 -0.38 0.00	72.26 0.07 -5.88	66.05 0.18 -5.57	52.29 0.00 -3.78	41.28 -0.24 -1.93	35.94 -0.24 -1.21	32.58 -0.22 -1.10
SHOEMAKER___GT 23640	33.97 0.92 -0.17	31.49 0.71 -0.03	29.12 0.66 0.00	28.23 0.64 0.00	28.92 0.57 0.00	30.99 0.55 0.00	42.59 0.88 0.00	45.05 0.97 -0.08	40.54 1.03 0.00	33.61 1.09 -0.57	34.20 1.26 -0.50	35.68 1.31 -0.76	39.55 1.44 -1.09	41.58 1.58 -1.55	42.66 1.79 -1.23	44.10 1.65 -1.30	51.60 2.01 -1.81	68.67 2.30 -2.34	70.08 2.19 -1.58	63.08 1.81 -0.98	50.52 1.41 -0.61	41.30 1.30 -0.40	36.69 1.15 -0.56	32.72 0.95 -0.08
SHOEMAKR_138KV_BK 111 55601	33.94 0.89 -0.17	31.49 0.71 -0.03	29.12 0.65 0.00	28.23 0.63 0.00	28.92 0.57 0.00	31.02 0.58 0.00	42.58 0.88 0.00	45.05 0.97 -0.08	40.62 1.11 0.00	33.64 1.12 -0.57	34.23 1.30 -0.49	35.71 1.34 -0.75	39.58 1.48 -1.08	41.60 1.61 -1.54	42.69 1.82 -1.22	44.17 1.73 -1.29	51.59 2.01 -1.79	68.66 2.31 -2.32	70.07 2.19 -1.57	63.01 1.75 -0.97	50.52 1.41 -0.61	41.30 1.31 -0.40	36.69 1.15 -0.55	32.69 0.92 -0.07
SHOREHAM_IC_1 23715	34.06 0.99 -0.20	30.98 0.19 -0.03	28.52 0.06 0.00	27.67 0.08 0.00	28.29 -0.06 0.00	30.63 0.18 0.00	42.13 0.42 0.00	44.71 0.62 -0.09	40.78 1.26 0.00	34.45 1.85 -0.65	35.12 2.11 -0.57	36.32 1.85 -0.87	40.30 2.03 -1.24	42.28 2.07 -1.77	43.42 2.38 -1.40	44.64 2.02 -1.47	52.03 2.20 -2.04	67.69 1.02 -2.63	68.69 0.60 -1.78	61.51 0.12 -1.10	49.54 0.34 -0.69	41.56 1.50 -0.46	36.69 1.09 -0.63	32.89 1.11 -0.09
SHOREHAM_IC_2 23716	34.06 0.99 -0.20	30.97 0.18 -0.03	28.52 0.06 0.00	27.67 0.08 0.00	28.29 -0.06 0.00	30.66 0.21 0.00	42.38 0.67 0.00	44.71 0.62 -0.09	40.82 1.30 0.00	34.42 1.82 -0.65	35.12 2.11 -0.57	36.33 1.85 -0.87	40.30 2.04 -1.24	42.29 2.08 -1.77	43.42 2.38 -1.40	44.72 2.10 -1.47	51.84 2.01 -2.04	67.56 0.90 -2.63	68.56 0.46 -1.78	61.39 0.00 -1.10	49.59 0.39 -0.69	41.63 1.58 -0.46	36.69 1.08 -0.63	32.96 1.17 -0.09
SISSONVILLE____ 23735	33.74 0.62 -0.24	31.64 0.71 -0.18	29.24 0.65 -0.12	28.37 0.69 -0.09	29.31 0.85 -0.11	31.74 1.13 -0.17	43.79 1.79 -0.28	46.38 1.85 -0.54	41.17 1.50 -0.15	32.86 0.89 -0.01	33.28 0.78 -0.07	34.65 0.91 -0.13	38.25 1.00 -0.23	39.50 0.65 -0.40	40.28 0.63 0.00	42.02 0.58 -0.30	48.46 0.67 0.00	65.12 1.09 0.00	68.43 0.99 -1.12	62.62 1.27 -1.06	50.25 1.02 -0.72	41.03 1.07 -0.37	36.19 0.98 -0.23	32.73 0.82 -0.21
SITHE_IND_GS1 24169	24.08 -0.75 8.05	23.88 -0.71 6.17	23.88 -0.68 3.90	23.88 -0.72 2.99	23.88 -0.71 3.76	23.88 -0.76 5.81	30.86 -1.21 9.64	24.63 -1.19 18.18	33.29 -1.15 5.08	30.69 -0.93 0.34	29.25 -0.91 2.28	28.29 -0.94 4.38	28.06 -1.04 7.93	23.83 -1.04 13.58	38.57 -1.07 0.00	30.04 -1.11 10.00	46.45 -1.34 0.00	62.24 -1.79 0.00	26.69 -1.72 37.90	22.88 -1.51 35.91	22.88 -1.26 24.37	26.11 -1.07 12.42	26.23 -0.98 7.78	23.69 -0.89 7.12
SITHE_IND_GS2 24170	24.08 -0.75 8.05	23.88 -0.71 6.17	23.88 -0.68 3.90	23.88 -0.72 2.99	23.88 -0.71 3.76	23.88 -0.76 5.81	30.86 -1.21 9.64	24.63 -1.19 18.18	33.29 -1.15 5.08	30.69 -0.93 0.34	29.25 -0.91 2.28	28.29 -0.94 4.38	28.06 -1.04 7.93	23.83 -1.04 13.58	38.57 -1.07 0.00	30.04 -1.11 10.00	46.45 -1.34 0.00	62.24 -1.79 0.00	26.69 -1.72 37.90	22.88 -1.51 35.91	22.88 -1.26 24.37	26.11 -1.07 12.42	26.23 -0.98 7.78	23.69 -0.89 7.12
SITHE_IND_GS3 24171	24.08 -0.75 8.05	23.88 -0.71 6.17	23.88 -0.68 3.90	23.88 -0.72 2.99	23.88 -0.71 3.76	23.88 -0.76 5.81	30.86 -1.21 9.64	24.63 -1.19 18.18	33.29 -1.15 5.08	30.69 -0.93 0.34	29.25 -0.91 2.28	28.29 -0.94 4.38	28.06 -1.04 7.93	23.83 -1.04 13.58	38.57 -1.07 0.00	30.04 -1.11 10.00	46.45 -1.34 0.00	62.24 -1.79 0.00	26.69 -1.72 37.90	22.88 -1.51 35.91	22.88 -1.26 24.37	26.11 -1.07 12.42	26.23 -0.98 7.78	23.69 -0.89 7.12
SITHE_IND_GS4 24172	24.08 -0.75 8.05	23.88 -0.71 6.17	23.88 -0.68 3.90	23.88 -0.72 2.99	23.88 -0.71 3.76	23.88 -0.76 5.81	30.86 -1.21 9.64	24.63 -1.19 18.18	33.29 -1.15 5.08	30.69 -0.93 0.34	29.25 -0.91 2.28	28.29 -0.94 4.38	28.06 -1.04 7.93	23.83 -1.04 13.58	38.57 -1.07 0.00	30.04 -1.11 10.00	46.45 -1.34 0.00	62.24 -1.79 0.00	26.69 -1.72 37.90	22.88 -1.51 35.91	22.88 -1.26 24.37	26.11 -1.07 12.42	26.23 -0.98 7.78	23.69 -0.89 7.12

SITHE___BATAVIA 24024	34.90 1.35 -0.67	32.59 1.32 -0.51	29.64 0.85 -0.32	28.47 0.64 -0.25	29.48 0.82 -0.31	31.66 0.73 -0.48	41.47 -1.04 -0.80	45.37 -0.13 -1.51	39.47 -0.47 -0.42	31.66 -0.32 -0.03	32.50 -0.13 -0.19	33.77 -0.20 -0.36	37.46 -0.22 -0.66	39.72 0.15 -1.12	39.09 -0.56 0.00	41.61 -0.37 -0.83	46.78 -1.01 0.00	62.17 -1.86 0.00	68.00 -1.46 -3.14	62.43 -0.84 -2.98	49.56 -0.97 -2.02	39.79 -0.83 -1.03	34.89 -0.74 -0.65	31.84 -0.44 -0.59
SITHE___INDEPEND 23800	24.08 -0.76 8.05	23.88 -0.71 6.17	23.88 -0.68 3.90	23.88 -0.72 2.99	23.88 -0.71 3.76	23.85 -0.79 5.81	30.86 -1.21 9.64	24.63 -1.19 18.18	33.29 -1.15 5.08	30.72 -0.89 0.34	29.25 -0.91 2.28	28.29 -0.94 4.38	28.06 -1.04 7.93	23.83 -1.04 13.58	38.57 -1.07 0.00	30.04 -1.11 10.00	46.45 -1.34 0.00	62.24 -1.79 0.00	26.69 -1.72 37.90	22.88 -1.51 35.91	22.88 -1.26 24.37	26.10 -1.07 12.42	26.26 -0.94 7.78	23.72 -0.86 7.12
SITHE___MASSENA 23902	33.28 0.40 0.00	31.22 0.46 0.00	28.92 0.45 0.00	28.11 0.52 0.00	28.97 0.62 0.00	31.24 0.79 0.00	42.96 1.25 0.00	45.23 1.23 0.00	40.62 1.10 0.00	32.63 0.67 0.00	33.09 0.65 0.00	34.35 0.74 0.00	37.83 0.81 0.00	38.98 0.54 0.00	40.20 0.55 0.00	41.73 0.58 0.00	48.46 0.67 0.00	65.12 1.09 0.00	67.44 1.13 0.00	61.56 1.27 0.00	49.48 0.97 0.00	40.39 0.79 0.00	35.68 0.70 0.00	32.30 0.60 0.00
SITHE___OGDNSBRG 24021	33.99 0.92 -0.19	31.88 0.98 -0.14	29.47 0.91 -0.09	28.54 0.88 -0.07	29.48 1.05 -0.09	31.95 1.37 -0.13	44.02 2.09 -0.22	46.57 2.16 -0.42	41.29 1.66 -0.12	32.95 0.99 -0.01	33.34 0.84 -0.05	34.68 0.97 -0.10	38.28 1.07 -0.18	39.49 0.73 -0.31	40.39 0.75 0.00	42.12 0.74 -0.23	48.74 0.96 0.00	65.76 1.73 0.00	69.18 1.99 -0.87	63.35 2.23 -0.83	50.81 1.75 -0.56	41.42 1.54 -0.29	36.42 1.26 -0.18	32.91 1.05 -0.16
SITHE___STERLING 23777	34.28 0.85 -0.55	32.00 0.83 -0.42	29.44 0.71 -0.26	28.32 0.52 -0.20	29.20 0.60 -0.25	31.57 0.73 -0.39	43.36 1.00 -0.65	46.46 1.23 -1.23	40.65 0.79 -0.34	32.49 0.51 -0.02	32.98 0.39 -0.15	34.34 0.44 -0.30	38.08 0.52 -0.54	39.94 0.58 -0.92	40.08 0.44 0.00	42.45 0.62 -0.68	48.46 0.67 0.00	65.19 1.15 0.00	70.41 1.53 -2.57	64.29 1.57 -2.43	51.47 1.31 -1.65	41.38 0.95 -0.84	36.24 0.74 -0.53	32.78 0.60 -0.48
SLEIGHT__34_KV_TB1 80719	34.25 0.46 -0.91	31.91 0.46 -0.70	29.14 0.23 -0.44	28.04 0.11 -0.34	28.94 0.17 -0.42	31.25 0.15 -0.66	42.21 -0.58 -1.09	45.83 -0.22 -2.05	39.70 -0.40 -0.57	31.70 -0.29 -0.04	32.50 -0.19 -0.26	33.87 -0.24 -0.49	37.69 -0.22 -0.90	39.94 -0.04 -1.53	39.36 -0.28 0.00	41.95 -0.33 -1.13	47.02 -0.76 0.00	62.82 -1.22 0.00	69.80 -0.36 -4.28	63.99 -0.58 -4.06	50.68 -0.67 -2.75	40.32 -0.56 -1.40	35.30 -0.88 -0.88	32.15 -0.35 -0.80
SMITHTWN_69_KV_BK 1 55830	34.52 1.45 -0.20	31.44 0.65 -0.03	28.95 0.48 0.00	28.09 0.50 0.00	28.72 0.37 0.00	31.08 0.64 0.00	42.88 1.17 0.00	45.15 1.06 -0.09	41.34 1.82 0.00	34.84 2.24 -0.65	35.51 2.50 -0.57	36.83 2.35 -0.87	40.85 2.59 -1.24	42.78 2.58 -1.77	43.94 2.89 -1.40	45.26 2.63 -1.47	52.56 2.72 -2.04	68.39 1.73 -2.63	69.55 1.46 -1.78	62.24 0.84 -1.09	50.36 1.16 -0.69	42.19 2.14 -0.46	37.32 1.71 -0.63	33.46 1.68 -0.09
SOUTH CAIRO___GT 23612	33.66 0.82 0.04	31.45 0.71 0.01	28.92 0.46 0.00	28.12 0.52 0.00	28.77 0.43 0.00	30.90 0.46 0.00	38.21 1.33 4.83	45.08 1.10 0.02	39.99 0.47 0.00	32.18 0.32 0.09	32.46 0.10 0.08	33.49 0.00 0.12	-10.08 0.00 47.10	15.47 0.12 23.09	39.40 0.08 0.32	41.19 0.37 0.33	48.18 0.86 0.47	65.03 1.60 0.60	67.97 2.06 0.41	61.91 1.87 0.25	49.95 1.60 0.16	40.52 1.03 0.10	35.89 1.05 0.14	32.53 0.86 0.02
SOUTH HAMPTN___IC 23720	34.59 1.51 -0.20	31.47 0.68 -0.03	28.95 0.48 0.00	28.09 0.50 0.00	28.72 0.37 0.00	31.09 0.64 0.00	42.75 1.04 0.00	45.41 1.32 -0.09	41.41 1.90 0.00	34.97 2.36 -0.65	35.70 2.69 -0.57	36.93 2.45 -0.87	40.96 2.70 -1.24	43.01 2.80 -1.77	44.18 3.13 -1.40	45.38 2.76 -1.47	52.89 3.06 -2.04	68.58 1.92 -2.63	69.49 1.39 -1.78	62.17 0.78 -1.10	50.02 0.82 -0.69	41.92 1.86 -0.46	36.94 1.33 -0.63	33.14 1.36 -0.09
SOUTHDOW_115KV_TB1 355954	35.37 1.81 -0.68	32.91 1.63 -0.52	29.99 1.20 -0.33	28.76 0.91 -0.25	29.89 1.22 -0.32	32.28 1.34 -0.49	42.78 0.25 -0.82	46.64 1.10 -1.54	40.54 0.59 -0.43	32.65 0.67 -0.03	33.57 0.94 -0.19	34.92 0.94 -0.37	38.66 0.96 -0.67	41.06 1.46 -1.15	40.63 0.99 0.00	43.11 1.11 -0.85	48.36 0.57 0.00	63.26 -0.77 0.00	69.20 -0.33 -3.22	63.17 -0.18 -3.05	49.85 -0.73 -2.07	39.98 -0.67 -1.05	35.01 -0.63 -0.66	32.21 -0.10 -0.60
SOUTHOLD_69_KV_BK 2 55809	35.15 2.07 -0.20	31.90 1.11 -0.03	29.35 0.88 0.00	28.47 0.88 0.00	29.11 0.77 0.00	31.57 1.13 0.00	43.63 1.92 0.00	46.12 2.02 -0.09	42.09 2.57 0.00	35.48 2.88 -0.65	36.28 3.28 -0.57	37.54 3.06 -0.87	41.63 3.37 -1.24	43.71 3.50 -1.77	44.89 3.85 -1.40	46.21 3.58 -1.47	53.46 3.63 -2.04	69.23 2.56 -2.63	69.82 1.72 -1.78	62.36 0.96 -1.10	50.26 1.07 -0.69	42.11 2.06 -0.46	36.90 1.29 -0.63	33.24 1.46 -0.09
SOUTHOLD___IC 23719	35.15 2.07 -0.20	31.90 1.11 -0.03	29.38 0.91 0.00	28.47 0.88 0.00	29.11 0.77 0.00	31.51 1.07 0.00	43.33 1.62 0.00	46.12 2.03 -0.09	42.05 2.53 0.00	35.51 2.91 -0.65	36.28 3.27 -0.57	37.54 3.06 -0.87	41.63 3.37 -1.24	43.71 3.50 -1.77	44.89 3.84 -1.40	46.12 3.50 -1.47	53.66 3.82 -2.04	69.35 2.69 -2.63	69.95 1.85 -1.78	62.48 1.09 -1.10	50.22 1.02 -0.69	42.04 1.98 -0.46	36.90 1.30 -0.63	33.18 1.39 -0.09
SOUTH_FORK_WT_PWR 323839	35.18 2.11 -0.20	31.96 1.17 -0.03	29.40 0.94 0.00	28.53 0.94 0.00	29.14 0.79 0.00	31.57 1.13 0.00	43.38 1.67 0.00	46.16 2.07 -0.09	42.09 2.57 0.00	35.54 2.94 -0.65	36.32 3.31 -0.57	37.57 3.09 -0.87	41.66 3.40 -1.24	43.74 3.53 -1.77	44.93 3.89 -1.40	46.12 3.50 -1.47	53.56 3.73 -2.04	69.04 2.37 -2.63	69.42 1.33 -1.78	61.93 0.54 -1.10	49.78 0.58 -0.69	41.68 1.62 -0.46	36.52 0.91 -0.63	32.89 1.11 -0.09
SPIERFLS_115KV_TB 1 80737	33.56 0.82 0.14	31.35 0.62 0.02	29.09 0.63 0.00	28.20 0.61 0.00	28.94 0.60 0.00	31.12 0.67 0.00	47.65 1.08 -4.86	44.94 1.01 0.07	40.23 0.71 0.00	31.90 0.35 0.40	32.12 0.03 0.35	33.01 -0.07 0.53	36.11 -0.15 0.76	37.20 -0.15 1.09	38.70 -0.08 0.86	40.49 0.25 0.90	47.19 0.67 1.26	63.94 1.54 1.63	67.20 1.99 1.10	61.36 1.75 0.68	49.44 1.36 0.43	40.34 1.03 0.28	35.36 0.77 0.39	32.41 0.76 0.05
ST LAWRENCE____ 23600	32.88 0.00 0.00	30.82 0.06 0.00	28.55 0.09 0.00	27.76 0.17 0.00	28.57 0.23 0.00	30.78 0.34 0.00	42.29 0.58 0.00	44.53 0.53 0.00	40.03 0.51 0.00	32.27 0.32 0.00	32.73 0.29 0.00	33.94 0.34 0.00	37.39 0.37 0.00	38.64 0.19 0.00	39.84 0.20 0.00	41.36 0.21 0.00	47.98 0.19 0.00	64.42 0.39 0.00	66.72 0.40 0.00	60.78 0.48 0.00	48.85 0.34 0.00	39.87 0.28 0.00	35.19 0.21 0.00	31.89 0.19 0.00

STATE_CA_115KV_115_LB 55624	32.69 -0.07 0.12	30.58 -0.15 0.02	28.41 -0.06 0.00	27.62 0.03 0.00	28.26 -0.09 0.00	30.35 -0.09 0.00	33.23 0.13 8.60	43.81 -0.13 0.06	39.48 -0.04 0.00	31.47 -0.06 0.42	31.98 -0.10 0.37	32.91 -0.13 0.56	36.07 -0.15 0.80	37.22 -0.08 1.14	38.70 -0.04 0.90	40.21 0.00 0.94	46.56 0.10 1.32	62.52 0.19 1.70	65.30 0.13 1.15	59.52 -0.06 0.71	48.11 0.05 0.44	39.34 0.04 0.29	34.71 0.14 0.41	31.74 0.10 0.05
STATE_ST_34_KV_LOAD 55959	34.55 0.33 -1.34	32.06 0.28 -1.03	29.29 0.17 -0.65	28.20 0.11 -0.50	29.12 0.14 -0.63	31.57 0.15 -0.97	43.27 -0.04 -1.61	47.21 0.18 -3.03	40.33 -0.04 -0.85	31.98 -0.03 -0.06	32.82 0.00 -0.38	34.31 -0.03 -0.73	38.34 0.00 -1.32	40.79 0.08 -2.27	39.68 0.04 0.00	42.90 0.08 -1.67	47.79 0.00 0.00	64.10 0.06 0.00	73.17 0.53 -6.32	66.89 0.60 -5.99	52.91 0.34 -4.07	41.75 0.08 -2.07	36.31 0.03 -1.30	32.92 0.03 -1.19
STATION_5_MISC_HYD 23604	34.32 0.79 -0.65	32.06 0.80 -0.50	29.24 0.45 -0.32	28.14 0.30 -0.24	29.05 0.40 -0.31	31.28 0.37 -0.47	41.66 -0.83 -0.78	45.04 -0.44 -1.48	39.34 -0.59 -0.41	31.57 -0.42 -0.03	32.36 -0.26 -0.19	33.69 -0.27 -0.36	37.41 -0.26 -0.64	39.51 -0.04 -1.10	39.25 -0.40 0.00	41.72 -0.25 -0.81	47.02 -0.77 0.00	62.68 -1.35 0.00	68.34 -1.06 -3.09	62.68 -0.54 -2.93	49.81 -0.68 -1.99	39.93 -0.67 -1.01	35.02 -0.59 -0.63	31.80 -0.47 -0.58
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	34.13 0.49 -0.75	31.86 0.52 -0.58	29.09 0.26 -0.37	28.01 0.14 -0.28	28.93 0.23 -0.35	31.17 0.18 -0.54	41.82 -0.79 -0.90	45.31 -0.40 -1.70	39.40 -0.59 -0.48	31.57 -0.42 -0.03	32.33 -0.32 -0.21	33.65 -0.37 -0.41	37.39 -0.37 -0.74	39.56 -0.15 -1.27	39.21 -0.44 0.00	41.76 -0.33 -0.94	47.02 -0.76 0.00	62.88 -1.15 0.00	69.13 -0.73 -3.55	63.42 -0.24 -3.36	50.21 -0.58 -2.28	40.08 -0.67 -1.16	35.22 -0.49 -0.73	32.11 -0.25 -0.67
STA_56_34_KV_BUS2_REV_LBMP_B 345033	34.11 0.56 -0.67	31.82 0.55 -0.51	29.05 0.26 -0.32	27.98 0.14 -0.25	28.89 0.23 -0.31	31.08 0.15 -0.48	41.47 -1.04 -0.80	44.85 -0.66 -1.51	39.15 -0.79 -0.42	31.44 -0.54 -0.03	32.21 -0.42 -0.19	33.50 -0.47 -0.36	37.24 -0.44 -0.66	39.34 -0.23 -1.13	39.05 -0.59 0.00	41.61 -0.37 -0.83	46.83 -0.96 0.00	62.37 -1.66 0.00	68.21 -1.26 -3.15	62.62 -0.66 -2.99	49.61 -0.92 -2.03	39.76 -0.87 -1.03	34.96 -0.66 -0.65	31.97 -0.32 -0.59
STA_56___34_KV_BUS2 355983	34.11 0.56 -0.67	31.82 0.55 -0.51	29.05 0.26 -0.32	27.98 0.14 -0.25	28.89 0.23 -0.31	31.08 0.15 -0.48	41.47 -1.04 -0.80	44.85 -0.66 -1.51	39.15 -0.79 -0.42	31.44 -0.54 -0.03	32.21 -0.42 -0.19	33.50 -0.47 -0.36	37.24 -0.44 -0.66	39.34 -0.23 -1.13	39.05 -0.59 0.00	41.61 -0.37 -0.83	46.83 -0.96 0.00	62.37 -1.66 0.00	68.21 -1.26 -3.15	62.62 -0.66 -2.99	49.61 -0.92 -2.03	39.76 -0.87 -1.03	34.96 -0.66 -0.65	31.97 -0.32 -0.59
STA_67___115KV_BK2 355882	34.26 0.72 -0.65	31.99 0.74 -0.50	29.18 0.40 -0.32	28.11 0.28 -0.24	29.02 0.37 -0.31	31.22 0.30 -0.47	41.57 -0.92 -0.78	44.95 -0.53 -1.48	39.26 -0.67 -0.41	31.53 -0.45 -0.03	32.30 -0.32 -0.19	33.63 -0.34 -0.36	37.29 -0.37 -0.64	39.43 -0.12 -1.10	39.17 -0.48 0.00	41.72 -0.25 -0.81	46.93 -0.86 0.00	62.50 -1.54 0.00	68.20 -1.19 -3.08	62.67 -0.54 -2.91	49.66 -0.82 -1.98	39.89 -0.71 -1.01	35.09 -0.52 -0.63	32.09 -0.19 -0.58
STA_7___115KV_9TRANS 80674	34.46 0.92 -0.65	32.18 0.92 -0.50	29.35 0.57 -0.32	28.25 0.41 -0.24	29.16 0.51 -0.31	31.37 0.46 -0.47	41.82 -0.67 -0.78	45.26 -0.22 -1.48	39.54 -0.40 -0.41	31.73 -0.26 -0.03	32.49 -0.13 -0.19	33.83 -0.13 -0.36	37.55 -0.11 -0.64	39.70 0.15 -1.10	39.40 -0.24 0.00	41.96 0.00 -0.81	47.26 -0.53 0.00	62.88 -1.15 0.00	68.60 -0.80 -3.08	63.10 -0.12 -2.92	50.00 -0.49 -1.98	40.13 -0.48 -1.01	35.26 -0.35 -0.63	32.24 -0.03 -0.58
STA_82___115KV_TB1 80780	34.26 0.72 -0.66	32.00 0.74 -0.51	29.21 0.43 -0.32	28.11 0.28 -0.25	29.03 0.37 -0.31	31.23 0.30 -0.48	41.58 -0.92 -0.79	44.96 -0.53 -1.49	39.30 -0.63 -0.42	31.53 -0.45 -0.03	32.30 -0.32 -0.19	33.63 -0.34 -0.36	37.34 -0.33 -0.65	39.44 -0.12 -1.11	39.17 -0.48 0.00	41.73 -0.25 -0.82	46.97 -0.81 0.00	62.56 -1.47 0.00	68.30 -1.13 -3.11	62.70 -0.54 -2.95	49.73 -0.78 -2.00	39.90 -0.71 -1.02	35.09 -0.52 -0.64	32.12 -0.16 -0.58
STEEL___WIND 323596	34.68 1.12 -0.68	32.29 1.01 -0.52	29.39 0.60 -0.33	28.17 0.33 -0.25	29.23 0.57 -0.32	31.45 0.52 -0.49	40.89 -1.63 -0.81	44.47 -1.06 -1.53	38.76 -1.18 -0.43	31.25 -0.73 -0.03	32.15 -0.49 -0.19	33.47 -0.50 -0.37	37.02 -0.67 -0.67	39.32 -0.27 -1.14	38.93 -0.71 0.00	41.38 -0.62 -0.84	46.40 -1.39 0.00	61.40 -2.63 0.00	67.19 -2.32 -3.19	61.39 -1.93 -3.02	48.82 -1.74 -2.05	39.29 -1.35 -1.05	34.45 -1.19 -0.65	31.51 -0.79 -0.60
STEPHTWN_115KV_BK_2 55603	32.80 0.03 0.12	30.67 -0.06 0.02	28.50 0.03 0.00	27.70 0.11 0.00	28.35 0.00 0.00	30.45 0.00 0.00	34.03 0.33 8.02	44.03 0.09 0.06	39.60 0.08 0.00	31.59 0.03 0.39	32.07 -0.03 0.34	33.02 -0.07 0.52	36.20 -0.07 0.75	37.37 0.00 1.07	38.89 0.08 0.83	40.40 0.12 0.88	46.90 0.33 1.22	62.96 0.51 1.58	65.71 0.46 1.07	59.88 0.24 0.66	48.43 0.34 0.41	39.56 0.24 0.27	34.88 0.28 0.38	31.87 0.22 0.05
STEBEN_REC_LFGE 323667	35.17 1.48 -0.81	32.76 1.38 -0.62	29.88 1.02 -0.39	28.66 0.77 -0.30	29.66 0.94 -0.38	32.03 1.00 -0.58	42.59 -0.08 -0.96	46.22 0.40 -1.82	39.87 -0.16 -0.51	31.86 -0.13 -0.03	32.64 -0.03 -0.23	33.98 -0.07 -0.44	37.67 -0.15 -0.79	39.88 0.08 -1.36	39.32 -0.32 0.00	41.86 -0.29 -1.00	46.93 -0.86 0.00	62.69 -1.34 0.00	69.71 -0.40 -3.79	63.77 -0.12 -3.60	50.36 -0.58 -2.44	40.01 -0.83 -1.24	35.06 -0.70 -0.78	32.09 -0.32 -0.71
STILLWATER___SOLAR 323814	33.71 0.99 0.16	31.53 0.80 0.03	29.24 0.77 0.00	28.36 0.77 0.00	29.08 0.74 0.00	31.21 0.76 0.00	49.30 1.25 -6.35	45.11 1.19 0.08	40.46 0.95 0.00	32.08 0.58 0.45	32.41 0.36 0.39	33.31 0.30 0.60	36.46 0.29 0.86	37.60 0.38 1.23	39.15 0.48 0.97	40.79 0.66 1.02	47.46 1.10 1.42	64.11 1.92 1.84	67.26 2.19 1.24	61.46 1.93 0.77	49.58 1.55 0.48	40.51 1.23 0.32	35.59 1.05 0.44	32.59 0.95 0.06
STONY___BROOK 24151	34.52 1.45 -0.20	31.44 0.65 -0.03	28.95 0.48 0.00	28.06 0.47 0.00	28.69 0.34 0.00	31.02 0.58 0.00	42.67 0.96 0.00	45.24 1.14 -0.09	41.30 1.78 0.00	34.87 2.27 -0.65	35.54 2.53 -0.57	36.79 2.32 -0.87	40.81 2.55 -1.24	42.82 2.62 -1.77	43.94 2.89 -1.40	45.18 2.55 -1.47	52.70 2.87 -2.04	68.33 1.66 -2.63	69.42 1.33 -1.78	62.17 0.78 -1.10	50.31 1.12 -0.69	42.15 2.10 -0.46	37.29 1.68 -0.63	33.40 1.62 -0.09
STURGEON_POOL_HYD 23609	34.35 1.35 -0.12	31.88 1.11 -0.02	29.38 0.91 0.00	28.50 0.91 0.00	29.17 0.82 0.00	31.27 0.82 0.00	42.12 1.46 1.05	45.64 1.58 -0.06	41.06 1.54 0.00	33.96 1.60 -0.41	34.61 1.82 -0.35	36.03 1.88 -0.54	29.12 2.07 9.97	36.55 2.23 4.13	42.95 2.46 -0.85	44.47 2.43 -0.89	51.85 2.82 -1.25	68.91 3.27 -1.61	70.59 3.18 -1.09	63.62 2.65 -0.67	51.11 2.18 -0.42	41.73 1.86 -0.28	36.97 1.61 -0.38	33.08 1.33 -0.05

ST_LAW_115_BK7_LBMP 345037	32.91 0.03 0.00	30.85 0.09 0.00	28.58 0.11 0.00	27.79 0.19 0.00	28.60 0.25 0.00	30.81 0.37 0.00	42.33 0.63 0.00	44.62 0.62 0.00	40.11 0.59 0.00	32.27 0.32 0.00	32.73 0.29 0.00	33.94 0.34 0.00	37.39 0.37 0.00	38.64 0.19 0.00	39.84 0.20 0.00	41.36 0.21 0.00	47.98 0.19 0.00	64.48 0.45 0.00	66.78 0.47 0.00	60.84 0.54 0.00	48.89 0.39 0.00	39.91 0.32 0.00	35.23 0.25 0.00	31.92 0.22 0.00
ST_LAW_115_BK8_LBMP 345038	32.91 0.03 0.00	30.85 0.09 0.00	28.58 0.11 0.00	27.79 0.19 0.00	28.60 0.25 0.00	30.81 0.37 0.00	42.33 0.63 0.00	44.62 0.62 0.00	40.11 0.59 0.00	32.27 0.32 0.00	32.73 0.29 0.00	33.94 0.34 0.00	37.39 0.37 0.00	38.64 0.19 0.00	39.84 0.20 0.00	41.36 0.21 0.00	47.98 0.19 0.00	64.48 0.45 0.00	66.78 0.47 0.00	60.84 0.54 0.00	48.89 0.39 0.00	39.91 0.32 0.00	35.23 0.25 0.00	31.92 0.22 0.00
ST_LAW_230_BK5_LBMP 345035	32.88 0.00 0.00	30.82 0.06 0.00	28.55 0.09 0.00	27.76 0.17 0.00	28.57 0.23 0.00	30.78 0.34 0.00	42.29 0.58 0.00	44.53 0.53 0.00	40.03 0.51 0.00	32.27 0.32 0.00	32.73 0.29 0.00	33.94 0.34 0.00	37.39 0.37 0.00	38.64 0.19 0.00	39.84 0.20 0.00	41.36 0.21 0.00	47.98 0.19 0.00	64.42 0.39 0.00	66.72 0.40 0.00	60.78 0.48 0.00	48.85 0.34 0.00	39.87 0.28 0.00	35.19 0.21 0.00	31.89 0.19 0.00
ST_LAW_230_BK6_LBMP 345036	32.88 0.00 0.00	30.82 0.06 0.00	28.55 0.09 0.00	27.76 0.17 0.00	28.57 0.23 0.00	30.78 0.34 0.00	42.29 0.58 0.00	44.53 0.53 0.00	40.03 0.51 0.00	32.27 0.32 0.00	32.73 0.29 0.00	33.94 0.34 0.00	37.39 0.37 0.00	38.64 0.19 0.00	39.84 0.20 0.00	41.36 0.21 0.00	47.98 0.19 0.00	64.42 0.39 0.00	66.72 0.40 0.00	60.78 0.48 0.00	48.85 0.34 0.00	39.87 0.28 0.00	35.19 0.21 0.00	31.89 0.19 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	34.05 0.99 -0.18	31.56 0.77 -0.03	29.18 0.71 0.00	28.28 0.69 0.00	28.97 0.62 0.00	31.08 0.64 0.00	42.71 1.00 0.00	45.19 1.10 -0.09	40.78 1.26 0.00	33.82 1.28 -0.59	34.44 1.49 -0.51	35.97 1.58 -0.78	39.84 1.70 -1.12	41.88 1.85 -1.59	43.01 2.10 -1.27	44.46 1.98 -1.33	51.94 2.29 -1.86	68.99 2.56 -2.40	70.39 2.45 -1.62	63.23 1.93 -1.00	50.73 1.60 -0.63	41.47 1.46 -0.41	36.85 1.29 -0.57	32.79 1.01 -0.08
SWANROAD_115KV_TB1 355699	34.01 0.46 -0.67	31.70 0.43 -0.51	28.82 0.03 -0.32	27.65 -0.19 -0.25	28.63 -0.03 -0.31	30.71 -0.21 -0.48	39.71 -2.79 -0.80	43.09 -2.42 -1.51	37.69 -2.25 -0.42	30.38 -1.60 -0.03	31.20 -1.43 -0.19	32.49 -1.48 -0.36	35.94 -1.74 -0.66	38.15 -1.42 -1.13	37.74 -1.90 0.00	40.34 -1.65 -0.83	44.97 -2.82 0.00	59.29 -4.74 0.00	64.89 -4.58 -3.15	59.60 -3.68 -2.98	47.38 -3.15 -2.02	38.29 -2.34 -1.03	33.81 -1.82 -0.65	31.43 -0.86 -0.59
SYNERGY___BIOGAS 323694	34.89 1.35 -0.67	32.59 1.32 -0.51	29.64 0.85 -0.32	28.47 0.63 -0.25	29.48 0.82 -0.31	31.66 0.73 -0.48	41.46 -1.04 -0.80	45.37 -0.13 -1.51	39.54 -0.40 -0.42	31.69 -0.29 -0.03	32.50 -0.13 -0.19	33.77 -0.20 -0.36	37.46 -0.22 -0.66	39.72 0.15 -1.12	39.09 -0.55 0.00	41.73 -0.25 -0.83	46.78 -1.00 0.00	62.11 -1.92 0.00	68.00 -1.46 -3.14	62.61 -0.66 -2.97	49.51 -1.02 -2.02	39.79 -0.83 -1.03	35.06 -0.56 -0.64	32.32 0.03 -0.59
SYRACUSE___ENERGY_ST1 323597	34.41 0.07 -1.46	31.94 0.06 -1.12	29.18 0.00 -0.71	28.08 -0.06 -0.54	29.00 -0.03 -0.68	31.44 -0.06 -1.05	43.25 -0.21 -1.75	47.21 -0.09 -3.30	40.24 -0.20 -0.92	31.86 -0.16 -0.06	32.72 -0.13 -0.41	34.24 -0.17 -0.79	38.31 -0.15 -1.44	40.83 -0.08 -2.47	39.56 -0.08 0.00	42.93 -0.04 -1.82	47.69 -0.10 0.00	63.90 -0.13 0.00	73.33 0.13 -6.88	67.00 0.18 -6.52	53.03 0.10 -4.42	41.77 -0.08 -2.26	36.32 -0.07 -1.41	32.93 -0.06 -1.29
SYRACUSE___ENERGY_ST2 323598	34.41 0.07 -1.46	31.94 0.06 -1.12	29.18 0.00 -0.71	28.08 -0.06 -0.54	29.00 -0.03 -0.68	31.44 -0.06 -1.05	43.25 -0.21 -1.75	47.21 -0.09 -3.30	40.24 -0.20 -0.92	31.86 -0.16 -0.06	32.72 -0.13 -0.41	34.24 -0.17 -0.79	38.31 -0.15 -1.44	40.83 -0.08 -2.47	39.56 -0.08 0.00	42.93 -0.04 -1.82	47.69 -0.10 0.00	63.90 -0.13 0.00	73.33 0.13 -6.88	67.00 0.18 -6.52	53.03 0.10 -4.42	41.77 -0.08 -2.26	36.32 -0.07 -1.41	32.93 -0.06 -1.29
SYRACUSE___POWER 24017	34.06 0.07 -1.12	31.67 0.06 -0.86	29.01 0.00 -0.54	27.92 -0.08 -0.42	28.81 -0.06 -0.52	31.16 -0.09 -0.81	42.80 -0.25 -1.34	46.39 -0.13 -2.53	39.99 -0.24 -0.71	31.81 -0.19 -0.05	32.59 -0.16 -0.32	34.01 -0.20 -0.61	37.94 -0.19 -1.10	40.21 -0.12 -1.89	39.48 -0.16 0.00	42.46 -0.08 -1.39	47.64 -0.14 0.00	63.84 -0.19 -5.26	71.65 0.07 -4.99	65.40 0.12 -4.50	51.94 0.05 -3.05	41.20 -0.12 -1.56	35.95 -0.10 -0.97	32.62 -0.06 -0.89
TALLMAN_138KV_BK151 55660	34.22 1.15 -0.19	31.65 0.86 -0.03	29.26 0.80 0.00	28.36 0.77 0.00	29.06 0.71 0.00	31.21 0.76 0.00	42.88 1.17 0.00	45.41 1.32 -0.09	41.02 1.50 0.00	34.10 1.53 -0.61	34.79 1.82 -0.53	36.30 2.04 -0.81	40.22 2.23 -1.16	42.33 2.46 -1.66	43.42 2.35 -1.32	44.88 2.23 -1.38	52.35 2.63 -1.93	69.54 3.01 -2.50	70.86 2.85 -1.69	63.57 2.23 -1.04	50.95 1.79 -0.65	41.69 1.66 -0.43	37.08 1.50 -0.60	32.98 1.20 -0.08
TEALLAVE_115KV_TB7 355573	33.82 -0.07 -1.01	31.47 -0.06 -0.77	28.84 -0.11 -0.49	27.80 -0.17 -0.37	28.65 -0.17 -0.47	30.96 -0.21 -0.73	42.41 -0.50 -1.21	45.88 -0.40 -2.28	39.72 -0.43 -0.64	31.64 -0.35 -0.04	32.40 -0.32 -0.29	33.82 -0.34 -0.55	37.68 -0.33 -0.99	39.84 -0.31 -1.70	39.32 -0.32 0.00	42.12 -0.29 -1.25	47.36 -0.43 0.00	63.46 -0.58 0.00	70.73 -0.33 -4.75	64.55 -0.24 -4.50	51.32 -0.24 -3.05	40.79 -0.36 -1.56	35.67 -0.28 -0.97	32.40 -0.19 -0.89
TELGRAPH_34_KV_EAST 80808	34.57 1.02 -0.67	32.22 0.95 -0.51	29.33 0.54 -0.32	28.14 0.30 -0.25	29.14 0.48 -0.31	31.29 0.37 -0.48	40.76 -1.75 -0.80	44.28 -1.23 -1.51	38.64 -1.30 -0.42	31.09 -0.89 -0.03	31.91 -0.71 -0.19	33.20 -0.77 -0.36	36.79 -0.89 -0.66	39.03 -0.54 -1.13	38.57 -1.07 0.00	41.20 -0.78 -0.83	46.07 -1.72 0.00	60.96 -3.07 0.00	66.68 -2.79 -3.14	61.28 -1.99 -2.98	48.64 -1.89 -2.02	39.16 -1.46 -1.03	34.54 -1.08 -0.64	31.97 -0.32 -0.59
TEMPLE___115KV_TB 2 55572	33.86 -0.03 -1.01	31.47 -0.06 -0.77	28.84 -0.11 -0.49	27.80 -0.17 -0.38	28.68 -0.14 -0.47	30.96 -0.21 -0.73	42.46 -0.46 -1.21	45.93 -0.35 -2.28	39.76 -0.40 -0.64	31.68 -0.32 -0.04	32.43 -0.29 -0.29	33.82 -0.34 -0.55	37.68 -0.33 -0.99	39.88 -0.27 -1.70	39.36 -0.28 0.00	42.16 -0.25 -1.25	47.41 -0.38 0.00	63.52 -0.51 0.00	70.74 -0.33 -4.76	64.56 -0.24 -4.51	51.32 -0.24 -3.06	40.84 -0.32 -1.56	35.71 -0.24 -0.98	32.40 -0.19 -0.89
TIANA___69_KV_BK 1 55817	34.49 1.41 -0.20	31.37 0.58 -0.03	28.87 0.40 0.00	28.00 0.41 0.00	28.63 0.28 0.00	31.05 0.61 0.00	42.88 1.17 0.00	45.24 1.14 -0.09	41.34 1.82 0.00	34.84 2.24 -0.65	35.60 2.60 -0.57	36.83 2.35 -0.87	40.85 2.59 -1.24	42.86 2.65 -1.77	44.02 2.97 -1.40	45.34 2.72 -1.47	52.56 2.72 -2.04	68.33 1.66 -2.63	69.29 1.19 -1.78	61.99 0.60 -1.10	50.07 0.87 -0.69	41.99 1.94 -0.46	36.97 1.36 -0.63	33.21 1.43 -0.09

TILDEN___115KV_TB1 80814	34.06 0.07 -1.12	31.67 0.06 -0.86	29.01 0.00 -0.54	27.92 -0.08 -0.42	28.81 -0.06 -0.52	31.16 -0.09 -0.81	42.80 -0.25 -1.34	46.39 -0.13 -2.53	39.99 -0.24 -0.71	31.81 -0.19 -0.05	32.59 -0.16 -0.32	34.01 -0.20 -0.61	37.94 -0.19 -1.10	40.21 -0.12 -1.89	39.48 -0.16 0.00	42.46 -0.08 -1.39	47.64 -0.14 0.00	63.84 -0.19 0.00	71.65 0.07 -5.26	65.40 0.12 -4.99	51.94 0.05 -3.38	41.20 -0.12 -1.73	35.95 -0.10 -1.08	32.62 -0.06 -0.99
TRIGEN___CC 323695	34.43 1.35 -0.20	31.56 0.77 -0.03	29.09 0.63 0.00	28.23 0.63 0.00	28.86 0.51 0.00	31.15 0.70 0.00	42.75 1.04 0.00	45.11 1.01 -0.09	41.14 1.62 0.00	34.58 1.98 -0.65	35.09 2.08 -0.58	36.64 2.15 -0.88	40.60 2.33 -1.25	42.68 2.46 -1.77	43.71 2.66 -1.41	45.10 2.47 -1.48	52.51 2.68 -2.04	69.10 2.43 -2.64	70.28 2.19 -1.78	63.08 1.69 -1.10	50.65 1.46 -0.69	42.03 1.98 -0.46	37.36 1.75 -0.63	33.34 1.55 -0.09
TRINITY__115KV__4 BK 55933	32.57 -0.20 0.12	30.49 -0.25 0.02	28.32 -0.14 0.00	27.54 -0.06 0.00	28.18 -0.17 0.00	30.23 -0.21 0.00	33.63 0.00 8.07	43.68 -0.26 0.06	39.36 -0.16 0.00	31.46 -0.10 0.40	31.93 -0.16 0.34	32.91 -0.17 0.53	36.08 -0.19 0.76	37.25 -0.12 1.08	38.72 -0.08 0.85	40.18 -0.08 0.89	46.54 0.00 1.24	62.36 -0.06 1.61	65.03 -0.20 1.08	59.26 -0.36 0.67	47.94 -0.15 0.42	39.24 -0.08 0.28	34.60 0.00 0.38	31.65 0.00 0.05
UNION___PROCESSING_DRP 323587	34.27 0.72 -0.66	32.00 0.74 -0.51	29.22 0.43 -0.32	28.11 0.28 -0.25	29.03 0.37 -0.31	31.23 0.30 -0.48	41.58 -0.92 -0.79	45.01 -0.48 -1.50	39.30 -0.63 -0.42	31.53 -0.45 -0.03	32.34 -0.29 -0.19	33.63 -0.34 -0.36	37.34 -0.33 -0.65	39.49 -0.08 -1.12	39.17 -0.48 0.00	41.73 -0.25 -0.82	46.97 -0.81 0.00	62.56 -1.47 0.00	68.31 -1.13 -3.12	62.77 -0.48 -2.96	49.74 -0.78 -2.01	39.90 -0.71 -1.02	35.10 -0.52 -0.64	32.13 -0.16 -0.59
UPPER HUDSON___HYD 24058	33.56 0.82 0.14	31.35 0.61 0.02	29.09 0.63 0.00	28.20 0.61 0.00	28.94 0.60 0.00	31.09 0.64 0.00	47.61 1.04 -4.86	44.95 1.01 0.07	40.27 0.75 0.00	31.91 0.35 0.40	32.12 0.03 0.35	33.01 -0.07 0.53	36.11 -0.15 0.76	37.20 -0.15 1.09	38.70 -0.08 0.86	40.45 0.21 0.90	47.19 0.67 1.26	63.94 1.53 1.63	67.20 1.99 1.10	61.36 1.75 0.68	49.44 1.36 0.43	40.34 1.03 0.28	35.40 0.81 0.39	32.40 0.76 0.05
UPPER RAQUET___HYD 24056	33.74 0.62 -0.24	31.65 0.71 -0.18	29.24 0.66 -0.12	28.37 0.69 -0.09	29.31 0.85 -0.11	31.74 1.13 -0.17	43.78 1.79 -0.28	46.38 1.85 -0.54	41.17 1.50 -0.15	32.86 0.89 -0.01	33.28 0.78 -0.07	34.65 0.91 -0.13	38.25 1.00 -0.23	39.50 0.65 -0.40	40.27 0.63 0.00	42.10 0.66 -0.30	48.46 0.67 0.00	65.05 1.02 0.00	68.43 1.00 -1.12	62.62 1.27 -1.06	50.29 1.07 -0.72	41.03 1.07 -0.37	36.19 0.98 -0.23	32.73 0.82 -0.21
VALLEY44_115KV_TB2 355964	34.22 0.66 -0.69	31.87 0.58 -0.53	29.08 0.28 -0.33	27.85 0.00 -0.26	28.90 0.23 -0.32	31.18 0.24 -0.49	41.03 -1.50 -0.82	44.71 -0.84 -1.55	38.92 -1.03 -0.43	31.41 -0.58 -0.03	32.24 -0.39 -0.19	33.61 -0.37 -0.37	37.22 -0.48 -0.68	39.52 -0.08 -1.16	39.21 -0.44 0.00	41.84 -0.16 -0.85	46.97 -0.81 0.00	62.24 -1.79 0.00	68.22 -1.33 -3.23	62.27 -1.09 -3.06	49.18 -1.41 -2.08	39.39 -1.27 -1.06	34.52 -1.12 -0.66	31.70 -0.60 -0.61
VALLEY___115KV_TB 1-4 80826	32.88 0.00 0.00	30.75 0.00 0.00	28.44 -0.03 0.00	27.45 -0.14 0.00	28.26 -0.09 0.00	30.41 -0.03 0.00	41.67 -0.04 0.00	44.04 0.04 0.00	39.40 -0.12 0.00	31.86 -0.10 0.00	32.31 -0.13 0.00	33.54 -0.07 0.00	36.95 -0.07 0.00	38.33 -0.12 0.00	39.40 -0.24 0.00	40.99 -0.16 0.00	47.36 -0.43 0.00	63.39 -0.64 0.00	65.52 -0.80 0.00	59.51 -0.78 0.00	47.97 -0.53 0.00	39.32 -0.28 0.00	34.66 -0.31 0.00	31.38 -0.32 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	34.56 1.25 -0.43	32.26 1.20 -0.31	29.74 1.08 -0.19	28.59 0.86 -0.15	29.47 0.94 -0.18	31.74 1.00 -0.28	43.43 1.25 -0.47	46.49 1.58 -0.91	40.99 1.23 -0.25	33.12 1.02 -0.14	33.63 0.97 -0.22	35.09 1.11 -0.38	38.90 1.26 -0.62	40.75 1.31 -1.00	41.17 1.27 -0.26	43.36 1.44 -0.77	49.75 1.58 -0.39	66.71 2.18 -0.50	70.83 2.32 -2.20	64.38 2.11 -1.97	51.68 1.84 -1.33	41.83 1.54 -0.70	36.70 1.22 -0.50	33.11 1.05 -0.37
VISCHER___FERRY HYD 24020	33.31 0.62 0.19	31.21 0.49 0.03	28.98 0.51 0.00	28.11 0.52 0.00	28.80 0.45 0.00	30.90 0.46 0.00	53.77 0.92 -11.15	44.65 0.75 0.09	40.19 0.67 0.00	31.89 0.51 0.58	32.33 0.39 0.50	33.21 0.37 0.77	36.33 0.41 1.10	37.42 0.54 1.56	39.04 0.63 1.24	40.51 0.66 1.30	47.02 1.05 1.81	63.16 1.47 2.34	66.26 1.53 1.58	60.52 1.21 0.98	48.92 1.02 0.61	40.06 0.87 0.40	35.19 0.77 0.56	32.35 0.73 0.08
V_A_10_SYNC_DSASP 323832	34.25 0.72 -0.65	31.96 0.71 -0.50	29.09 0.31 -0.31	27.91 0.08 -0.24	28.91 0.26 -0.30	31.07 0.15 -0.47	40.44 -2.04 -0.78	43.71 -1.76 -1.47	38.27 -1.66 -0.41	30.86 -1.12 -0.03	31.68 -0.94 -0.18	33.02 -0.94 -0.35	36.51 -1.15 -0.64	38.65 -0.88 -1.09	38.37 -1.27 0.00	40.97 -0.99 -0.81	45.78 -2.01 0.00	60.51 -3.52 0.00	66.12 -3.25 -3.06	60.66 -2.53 -2.89	48.19 -2.28 -1.96	38.93 -1.66 -1.00	34.35 -1.26 -0.63	31.83 -0.44 -0.57
V_CMM_10_SYNC_DSASP 323787	33.08 0.20 0.00	31.00 0.25 0.00	28.72 0.26 0.00	27.92 0.33 0.00	28.75 0.40 0.00	30.99 0.55 0.00	42.58 0.88 0.00	44.84 0.84 0.00	40.31 0.79 0.00	32.43 0.48 0.00	32.89 0.45 0.00	34.15 0.54 0.00	37.61 0.59 0.00	38.79 0.35 0.00	40.04 0.40 0.00	41.48 0.33 0.00	48.22 0.43 0.00	64.80 0.77 0.00	67.05 0.73 0.00	61.14 0.84 0.00	49.14 0.63 0.00	40.11 0.51 0.00	35.43 0.45 0.00	32.08 0.38 0.00
V_CMP_10_SYNC_DSASP 323788	32.85 -0.03 0.00	31.15 0.40 0.00	29.21 0.74 0.00	28.78 1.19 0.00	29.96 1.62 0.00	32.61 2.16 0.00	45.13 3.42 0.00	47.48 3.48 0.00	42.60 3.08 0.00	34.03 2.08 0.00	34.42 1.98 0.00	35.73 2.12 0.00	39.32 2.30 0.00	40.21 1.77 0.00	41.54 1.90 0.00	43.01 1.85 0.00	50.22 2.44 0.00	67.81 3.78 0.00	70.10 3.78 0.00	63.85 3.56 0.00	51.08 2.57 0.00	41.57 1.98 0.00	36.62 1.64 0.00	33.13 1.43 0.00
V_D_10_SYNC_DSASP 323841	33.28 0.40 0.00	31.22 0.46 0.00	28.89 0.43 0.00	28.11 0.52 0.00	28.94 0.60 0.00	31.24 0.79 0.00	42.96 1.25 0.00	45.23 1.23 0.00	40.62 1.10 0.00	32.63 0.67 0.00	33.09 0.65 0.00	34.35 0.74 0.00	37.83 0.81 0.00	38.98 0.54 0.00	40.20 0.55 0.00	41.73 0.58 0.00	48.46 0.67 0.00	65.12 1.09 0.00	67.44 1.13 0.00	61.50 1.21 0.00	49.48 0.97 0.00	40.39 0.79 0.00	35.68 0.70 0.00	32.30 0.60 0.00
V_E_10_SYNC_DSASP 323830	36.10 2.43 -0.79	33.65 2.31 -0.59	30.86 2.02 -0.37	29.36 1.49 -0.28	30.46 1.76 -0.35	33.12 2.13 -0.55	45.16 2.54 -0.91	48.98 3.26 -1.73	42.05 2.05 -0.48	33.43 1.34 -0.13	33.71 0.97 -0.30	35.33 1.18 -0.54	39.28 1.33 -0.93	41.41 1.42 -1.54	41.00 1.15 -0.21	43.92 1.60 -1.16	50.01 1.91 -0.31	67.63 3.20 -0.40	74.34 4.18 -3.84	67.95 4.10 -3.55	54.35 3.44 -2.40	43.45 2.61 -1.24	37.73 1.92 -0.83	33.97 1.58 -0.68

V_F_30_NSYNC___DSASP 323816	33.75 1.02 0.15	31.56 0.83 0.03	29.26 0.80 0.00	28.39 0.80 0.00	29.11 0.77 0.00	31.24 0.79 0.00	48.68 1.29 -5.68	45.16 1.23 0.07	40.51 0.99 0.00	32.13 0.61 0.43	32.49 0.42 0.37	33.41 0.37 0.57	36.58 0.37 0.82	37.70 0.42 1.16	39.28 0.55 0.92	40.93 0.74 0.97	47.63 1.20 1.35	64.27 1.99 1.75	67.46 2.32 1.18	61.55 1.99 0.73	49.65 1.60 0.46	40.56 1.27 0.30	35.65 1.09 0.42	32.63 0.98 0.06
V_F_30_SYNC_DSASP 323786	32.69 -0.07 0.12	30.58 -0.15 0.02	28.41 -0.06 0.00	27.62 0.03 0.00	28.26 -0.09 0.00	30.35 -0.09 0.00	33.28 0.13 8.56	43.77 -0.18 0.06	39.44 -0.08 0.00	31.47 -0.06 0.42	31.98 -0.10 0.36	32.92 -0.13 0.56	36.07 -0.15 0.80	37.23 -0.08 1.14	38.71 -0.04 0.89	40.21 0.00 0.94	46.57 0.10 1.31	62.53 0.19 1.70	65.30 0.13 1.15	59.53 -0.06 0.71	48.11 0.05 0.44	39.34 0.04 0.29	34.72 0.14 0.40	31.74 0.10 0.05
V_XM_10_SYNC_DSASP 323789	32.85 -0.03 0.00	31.15 0.40 0.00	29.21 0.74 0.00	28.78 1.19 0.00	29.96 1.62 0.00	32.61 2.16 0.00	45.13 3.42 0.00	47.48 3.48 0.00	42.60 3.08 0.00	34.03 2.08 0.00	34.42 1.98 0.00	35.73 2.12 0.00	39.32 2.30 0.00	40.21 1.77 0.00	41.54 1.90 0.00	43.01 1.85 0.00	50.22 2.44 0.00	67.81 3.78 0.00	70.10 3.78 0.00	63.85 3.56 0.00	51.08 2.57 0.00	41.57 1.98 0.00	36.62 1.64 0.00	33.13 1.43 0.00
W.BABYLN_69_KV_BK1 56697	34.95 1.87 -0.20	31.90 1.11 -0.03	29.38 0.91 0.00	28.50 0.91 0.00	29.14 0.79 0.00	31.54 1.10 0.00	43.38 1.67 0.00	45.72 1.63 -0.09	41.77 2.25 0.00	35.19 2.59 -0.65	35.83 2.82 -0.57	37.30 2.82 -0.87	41.33 3.07 -1.24	43.40 3.19 -1.77	44.49 3.45 -1.40	45.75 3.13 -1.48	53.18 3.35 -2.04	69.61 2.95 -2.63	70.81 2.72 -1.78	63.44 2.05 -1.10	51.19 1.99 -0.69	42.82 2.77 -0.46	37.92 2.31 -0.63	33.91 2.12 -0.09
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.35 1.28 -0.19	31.77 0.98 -0.03	29.38 0.91 0.00	28.47 0.88 0.00	29.17 0.82 0.00	31.42 0.97 0.00	43.29 1.58 0.00	45.85 1.76 -0.09	41.41 1.90 0.00	34.39 1.82 -0.62	35.05 2.08 -0.53	36.58 2.15 -0.82	40.53 2.33 -1.17	42.65 2.54 -1.67	43.78 2.81 -1.33	45.26 2.72 -1.40	52.60 2.87 -1.95	69.88 3.33 -2.52	71.27 3.25 -1.70	63.94 2.59 -1.05	51.25 2.09 -0.66	41.89 1.86 -0.43	37.22 1.64 -0.60	33.11 1.33 -0.08
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	34.52 1.45 -0.20	31.87 1.08 -0.03	29.46 1.00 0.00	28.56 0.97 0.00	29.23 0.88 0.00	31.39 0.94 0.00	43.29 1.50 -0.08	45.84 1.67 -0.17	41.52 1.98 -0.02	34.61 2.01 -0.65	35.30 2.30 -0.56	36.89 2.42 -0.86	40.88 2.63 -1.23	43.13 2.81 -1.88	44.30 3.09 -1.57	45.73 2.88 -1.69	53.80 3.25 -2.77	70.81 3.65 -3.13	72.27 3.45 -2.50	64.79 2.71 -1.78	51.99 2.18 -1.30	42.19 2.10 -0.50	37.50 1.89 -0.63	33.30 1.52 -0.09
W50THST__13_KV_LOAD 356117	34.69 1.61 -0.20	32.02 1.23 -0.03	29.58 1.11 0.00	28.67 1.08 0.00	29.37 1.02 0.00	31.54 1.10 0.00	43.59 1.75 -0.13	46.18 1.98 -0.20	41.81 2.25 -0.04	34.81 2.20 -0.65	35.53 2.53 -0.56	37.13 2.66 -0.86	41.14 2.89 -1.23	43.50 3.11 -1.94	44.70 3.41 -1.65	46.17 3.21 -1.81	54.57 3.63 -3.15	71.58 4.16 -3.39	73.12 3.91 -2.89	65.57 3.14 -2.14	52.65 2.52 -1.62	42.45 2.34 -0.52	37.67 2.06 -0.63	33.43 1.65 -0.09
WADING RIVER_IC_1 23522	34.13 1.05 -0.20	31.03 0.24 -0.03	28.58 0.11 0.00	27.73 0.14 0.00	28.32 -0.03 0.00	30.66 0.21 0.00	42.17 0.46 0.00	44.76 0.66 -0.09	40.82 1.30 0.00	34.49 1.88 -0.65	35.15 2.14 -0.57	36.39 1.91 -0.87	40.33 2.07 -1.24	42.36 2.15 -1.77	43.46 2.42 -1.40	44.68 2.06 -1.47	52.08 2.25 -2.04	67.69 1.02 -2.63	68.76 0.66 -1.78	61.57 0.18 -1.10	49.58 0.39 -0.69	41.60 1.54 -0.46	36.76 1.15 -0.63	32.96 1.17 -0.09
WADING RIVER_IC_2 23547	34.13 1.05 -0.20	31.03 0.24 -0.03	28.58 0.11 0.00	27.73 0.14 0.00	28.32 -0.03 0.00	30.66 0.21 0.00	42.17 0.46 0.00	44.76 0.66 -0.09	40.82 1.30 0.00	34.49 1.88 -0.65	35.15 2.14 -0.57	36.39 1.91 -0.87	40.33 2.07 -1.24	42.36 2.15 -1.77	43.46 2.42 -1.40	44.68 2.06 -1.47	52.08 2.25 -2.04	67.69 1.02 -2.63	68.76 0.66 -1.78	61.57 0.18 -1.10	49.58 0.39 -0.69	41.60 1.54 -0.46	36.76 1.15 -0.63	32.96 1.17 -0.09
WADING RIVER_IC_3 23601	34.13 1.05 -0.20	31.03 0.24 -0.03	28.58 0.11 0.00	27.73 0.14 0.00	28.32 -0.03 0.00	30.66 0.21 0.00	42.17 0.46 0.00	44.76 0.66 -0.09	40.82 1.30 0.00	34.49 1.88 -0.65	35.15 2.14 -0.57	36.39 1.91 -0.87	40.33 2.07 -1.24	42.36 2.15 -1.77	43.46 2.42 -1.40	44.68 2.06 -1.47	52.08 2.25 -2.04	67.69 1.02 -2.63	68.76 0.66 -1.78	61.57 0.18 -1.10	49.58 0.39 -0.69	41.60 1.54 -0.46	36.76 1.15 -0.63	32.96 1.17 -0.09
WALDENNY_12_KV_BK2 80841	34.67 1.12 -0.68	32.32 1.05 -0.52	29.42 0.63 -0.33	28.20 0.36 -0.25	29.23 0.57 -0.32	31.45 0.52 -0.49	40.89 -1.63 -0.81	44.47 -1.06 -1.53	38.84 -1.11 -0.43	31.31 -0.67 -0.03	32.14 -0.49 -0.19	33.47 -0.50 -0.37	37.06 -0.63 -0.67	39.32 -0.27 -1.14	38.93 -0.71 0.00	41.50 -0.49 -0.84	46.45 -1.34 0.00	61.34 -2.69 0.00	67.18 -2.32 -3.18	61.56 -1.75 -3.02	48.81 -1.75 -2.05	39.33 -1.31 -1.04	34.62 -1.01 -0.65	32.01 -0.29 -0.60
WALDEN__HYDRO 24148	34.24 1.18 -0.18	31.71 0.92 -0.03	29.32 0.85 0.00	28.42 0.83 0.00	29.11 0.77 0.00	31.24 0.79 0.00	42.96 1.25 0.00	45.45 1.36 -0.08	40.94 1.42 0.00	33.91 1.37 -0.58	34.53 1.59 -0.50	36.02 1.65 -0.77	38.28 1.78 0.52	41.19 1.96 -0.78	43.07 2.18 -1.24	44.60 2.14 -1.31	52.10 2.48 -1.82	69.27 2.88 -2.36	70.76 2.85 -1.59	63.63 2.35 -0.98	51.01 1.89 -0.61	41.66 1.66 -0.41	36.98 1.43 -0.56	32.95 1.17 -0.08
WARRENSBURG____ 23737	33.56 0.82 0.14	31.35 0.62 0.02	29.09 0.63 0.00	28.20 0.61 0.00	28.94 0.60 0.00	31.12 0.67 0.00	47.65 1.08 -4.86	44.94 1.01 0.07	40.23 0.71 0.00	31.90 0.35 0.40	32.12 0.03 0.35	33.01 -0.07 0.53	36.11 -0.15 0.76	37.20 -0.15 1.09	38.70 -0.08 0.86	40.49 0.25 0.90	47.19 0.67 1.26	63.94 1.54 1.63	67.20 1.99 1.10	61.36 1.75 0.68	49.44 1.36 0.43	40.34 1.03 0.28	35.36 0.77 0.39	32.41 0.76 0.05
WATERSIDE____6 8 9 23538	34.69 1.61 -0.20	31.99 1.20 -0.03	29.55 1.08 0.00	28.64 1.05 0.00	29.31 0.96 0.00	31.48 1.04 0.00	43.75 1.38 -0.66	46.25 1.58 -0.66	41.72 2.02 -0.19	34.68 2.08 -0.65	35.40 2.40 -0.56	37.00 2.52 -0.87	41.01 2.74 -1.25	44.02 2.84 -2.73	45.54 3.13 -2.76	47.26 2.84 -3.27	58.54 3.01 -7.75	73.74 3.20 -6.50	76.77 2.98 -7.47	69.03 2.29 -6.44	55.87 1.89 -5.47	42.50 2.14 -0.77	37.60 1.99 -0.63	33.40 1.62 -0.09
WATKINRD_115KV_LN8_ILLION 55919	33.01 0.13 0.00	30.85 0.09 0.00	28.55 0.09 0.00	27.65 0.06 0.00	28.41 0.06 0.00	30.51 0.06 0.00	41.79 0.08 0.00	44.13 0.13 0.00	39.60 0.08 0.00	32.02 0.06 0.00	32.47 0.03 0.00	33.68 0.07 0.00	37.10 0.07 0.00	38.52 0.08 0.00	39.72 0.08 0.00	41.28 0.12 0.00	47.93 0.14 0.00	64.22 0.19 0.00	66.52 0.20 0.00	60.48 0.18 0.00	48.65 0.15 0.00	39.75 0.16 0.00	35.08 0.10 0.00	31.76 0.06 0.00

WDELAWARE___HYD 323627	34.28 1.25 -0.15	31.83 1.05 -0.03	29.38 0.91 0.00	28.45 0.86 0.00	29.14 0.79 0.00	31.30 0.85 0.00	43.00 1.29 0.00	45.88 1.80 -0.07	41.10 1.58 0.00	33.88 1.44 -0.49	34.42 1.56 -0.42	35.87 1.61 -0.65	35.56 1.78 3.24	39.70 1.96 0.71	42.82 2.14 -1.04	44.38 2.14 -1.09	51.99 2.67 -1.53	68.95 2.95 -1.97	70.64 2.99 -1.33	63.71 2.59 -0.82	51.11 2.08 -0.51	41.67 1.74 -0.34	36.88 1.43 -0.47	32.93 1.17 -0.06
WEST BABYLON___IC 23714	34.95 1.87 -0.20	31.90 1.11 -0.03	29.38 0.91 0.00	28.50 0.91 0.00	29.14 0.79 0.00	31.54 1.10 0.00	43.38 1.67 0.00	45.72 1.63 -0.09	41.77 2.25 0.00	35.19 2.59 -0.65	35.83 2.82 -0.57	37.30 2.82 -0.87	41.33 3.07 -1.24	43.40 3.19 -1.77	44.49 3.45 -1.40	45.75 3.13 -1.48	53.18 3.35 -2.04	69.61 2.95 -2.63	70.81 2.72 -1.78	63.44 2.05 -1.10	51.19 1.99 -0.69	42.82 2.77 -0.46	37.92 2.31 -0.63	33.91 2.12 -0.09
WEST CANADA___HYD 24049	32.95 0.07 0.00	30.79 0.03 0.00	28.50 0.03 0.00	27.59 0.00 0.00	28.35 0.00 0.00	30.41 -0.03 0.00	41.71 0.00 0.00	44.00 0.00 0.00	39.52 0.00 0.00	31.95 0.00 0.00	32.44 0.00 0.00	33.61 0.00 0.00	37.02 0.00 0.00	38.48 0.04 0.00	39.64 0.00 0.00	41.15 0.00 0.00	47.84 0.05 0.00	64.10 0.06 0.00	66.32 0.00 0.00	60.30 0.00 0.00	48.56 0.05 0.00	39.63 0.04 0.00	35.01 0.04 0.00	31.73 0.03 0.00
WESTERN_NY_WIND 24143	34.86 1.32 -0.67	32.56 1.29 -0.51	29.62 0.83 -0.32	28.45 0.61 -0.25	29.45 0.79 -0.31	31.63 0.70 -0.48	41.42 -1.08 -0.80	45.33 -0.18 -1.51	39.47 -0.47 -0.42	31.66 -0.32 -0.03	32.47 -0.16 -0.19	33.74 -0.24 -0.36	37.42 -0.26 -0.66	39.68 0.12 -1.13	39.05 -0.59 0.00	41.69 -0.29 -0.83	46.69 -1.10 0.00	61.98 -2.05 0.00	67.87 -1.59 -3.14	62.49 -0.78 -2.98	49.41 -1.12 -2.02	39.75 -0.87 -1.03	35.03 -0.59 -0.64	32.29 0.00 -0.59
WESTOVER___LESR 323668	34.20 0.53 -0.79	31.83 0.49 -0.59	29.20 0.37 -0.37	28.12 0.25 -0.28	29.01 0.31 -0.35	31.30 0.30 -0.55	42.53 -0.08 -0.91	45.86 0.13 -1.73	40.04 0.04 -0.48	32.19 0.10 -0.14	32.94 0.19 -0.31	34.36 0.20 -0.55	38.15 0.19 -0.94	40.35 0.35 -1.56	40.18 0.32 -0.22	42.74 0.41 -1.18	48.40 0.29 -0.33	64.71 0.26 -0.42	70.64 0.46 -3.86	64.34 0.48 -3.56	51.20 0.29 -2.41	40.96 0.12 -1.24	35.88 0.07 -0.83	32.54 0.16 -0.68
WETHRSFD_WT_PWR 323626	34.58 0.99 -0.71	32.19 0.89 -0.55	29.35 0.54 -0.35	28.16 0.30 -0.27	29.16 0.48 -0.33	31.42 0.46 -0.52	41.23 -1.34 -0.86	44.69 -0.93 -1.61	38.70 -1.27 -0.45	31.03 -0.96 -0.03	31.86 -0.78 -0.20	33.23 -0.77 -0.39	36.76 -0.96 -0.70	38.96 -0.69 -1.21	38.49 -1.15 0.00	40.89 -1.15 -0.89	45.92 -1.86 0.00	61.15 -2.88 0.00	67.36 -2.32 -3.37	61.50 -1.99 -3.19	48.88 -1.79 -2.16	39.19 -1.50 -1.10	34.27 -1.40 -0.69	31.35 -0.98 -0.63
WHAVSTOR_138KV_BK127 55557	34.19 1.12 -0.19	31.62 0.83 -0.03	29.24 0.77 0.00	28.34 0.74 0.00	29.03 0.68 0.00	31.18 0.73 0.00	42.83 1.13 0.00	45.32 1.23 -0.09	40.98 1.46 0.00	34.11 1.53 -0.62	34.76 1.78 -0.54	36.28 1.85 -0.82	40.20 2.00 -1.18	42.28 2.15 -1.69	43.40 2.42 -1.34	44.82 2.26 -1.41	52.33 2.58 -1.96	69.45 2.88 -2.53	70.81 2.79 -1.71	63.53 2.17 -1.06	50.92 1.75 -0.66	41.69 1.66 -0.44	37.05 1.47 -0.60	32.95 1.17 -0.08
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.19 1.12 -0.19	31.62 0.83 -0.03	29.24 0.77 0.00	28.34 0.74 0.00	29.03 0.68 0.00	31.18 0.73 0.00	42.83 1.13 0.00	45.32 1.23 -0.09	40.98 1.46 0.00	34.11 1.53 -0.62	34.76 1.78 -0.54	36.28 1.85 -0.82	40.20 2.00 -1.18	42.28 2.15 -1.69	43.40 2.42 -1.34	44.82 2.26 -1.41	52.33 2.58 -1.96	69.45 2.88 -2.53	70.81 2.79 -1.71	63.53 2.17 -1.06	50.92 1.75 -0.66	41.69 1.66 -0.44	37.05 1.47 -0.60	32.95 1.17 -0.08
WHITEHAL_115KV_TB1 80871	34.18 1.45 0.14	31.90 1.17 0.03	29.58 1.11 0.00	28.67 1.08 0.00	29.45 1.11 0.00	31.69 1.25 0.00	48.87 1.96 -5.20	45.87 1.94 0.07	40.94 1.42 0.00	32.31 0.77 0.41	32.44 0.36 0.36	33.30 0.24 0.55	36.42 0.19 0.78	37.55 0.23 1.12	39.03 0.28 0.89	41.00 0.78 0.93	47.87 1.39 1.30	65.17 2.82 1.68	68.70 3.51 1.13	62.73 3.14 0.70	50.54 2.47 0.44	41.09 1.78 0.29	36.01 1.43 0.40	32.94 1.30 0.05
WHITEPLN_13_KV_LOAD 356215	34.62 1.55 -0.20	32.02 1.23 -0.03	29.58 1.11 0.00	28.67 1.08 0.00	29.37 1.02 0.00	31.51 1.07 0.00	43.38 1.67 0.00	45.99 1.89 -0.09	41.61 2.09 0.00	34.58 1.98 -0.65	35.30 2.30 -0.56	36.85 2.39 -0.86	40.84 2.59 -1.23	43.00 2.81 -1.75	44.12 3.09 -1.39	45.54 2.92 -1.46	53.17 3.35 -2.04	70.57 3.91 -2.64	71.88 3.78 -1.78	64.47 3.08 -1.10	51.72 2.52 -0.69	42.27 2.22 -0.45	37.57 1.96 -0.63	33.37 1.58 -0.08
WM_FLOYD_69_KV_BK2 356380	34.36 1.28 -0.20	31.25 0.46 -0.03	28.78 0.31 0.00	27.92 0.33 0.00	28.52 0.17 0.00	30.93 0.49 0.00	42.71 1.00 0.00	45.11 1.01 -0.09	41.18 1.66 0.00	34.71 2.11 -0.65	35.41 2.40 -0.57	36.63 2.15 -0.87	40.63 2.37 -1.24	42.63 2.42 -1.77	43.78 2.74 -1.40	45.09 2.47 -1.47	52.27 2.44 -2.04	68.14 1.47 -2.63	69.15 1.06 -1.78	61.93 0.54 -1.10	50.02 0.82 -0.69	42.03 1.98 -0.46	37.01 1.40 -0.63	33.24 1.46 -0.09
WOODARD___115KV_TB2 355635	33.94 -0.13 -1.20	31.55 -0.12 -0.92	28.88 -0.17 -0.58	27.81 -0.22 -0.44	28.71 -0.20 -0.56	31.06 -0.24 -0.86	42.64 -0.50 -1.43	46.31 -0.40 -2.70	39.84 -0.43 -0.76	31.65 -0.35 -0.05	32.45 -0.32 -0.34	33.89 -0.37 -0.65	37.83 -0.37 -1.18	40.15 -0.31 -2.02	39.28 -0.36 0.00	42.31 -0.33 -1.49	47.36 -0.43 0.00	63.39 -0.64 0.00	71.55 -0.40 -5.63	65.33 -0.30 -5.34	51.84 -0.29 -3.62	41.08 -0.36 -1.85	35.82 -0.31 -1.16	32.50 -0.25 -1.06
WOODMERE_69_KV_BK1 55827	34.82 1.74 -0.20	31.87 1.08 -0.03	29.38 0.91 0.00	28.47 0.88 0.00	29.14 0.79 0.00	31.45 1.00 0.00	43.17 1.46 0.00	45.55 1.45 -0.09	41.49 1.98 0.00	34.97 2.36 -0.65	35.54 2.53 -0.57	37.10 2.62 -0.87	41.08 2.81 -1.24	43.21 3.00 -1.77	44.26 3.21 -1.41	45.72 3.09 -1.48	53.22 3.39 -2.04	69.87 3.20 -2.63	71.15 3.05 -1.78	63.93 2.53 -1.10	51.28 2.09 -0.69	42.54 2.49 -0.46	37.81 2.20 -0.63	33.75 1.97 -0.09
YORK___WARBASSE 23770	34.89 1.81 -0.20	32.14 1.35 -0.03	29.66 1.20 0.00	28.75 1.16 0.00	29.43 1.08 0.00	31.60 1.16 0.00	42.96 1.33 0.08	45.57 1.54 -0.03	41.79 2.29 0.02	34.68 2.08 -0.65	35.46 2.47 -0.56	37.06 2.59 -0.87	41.06 2.81 -1.23	43.28 3.00 -1.84	44.45 3.29 -1.52	45.37 2.96 -1.25	52.17 3.01 -1.38	69.17 2.95 -2.19	70.15 2.72 -1.11	62.82 2.05 -0.47	50.47 1.84 -0.12	42.39 2.38 -0.42	37.64 2.03 -0.63	33.49 1.71 -0.09