

Day Ahead Market Generator LBMP

Generator Data		--- Marginal Cost of Losses															--- Marginal Cost of Congestion										09/15/2025		
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	33.20	30.71	29.15	28.30	29.03	29.64	38.65	43.34	41.37	36.71	35.95	38.47	39.58	42.56	45.31	49.33	56.48	68.97	71.97	63.55	53.99	45.77	39.69	35.49				
		2.26	1.79	1.52	1.30	1.38	1.52	2.29	2.49	2.34	2.30	2.65	2.93	3.09	3.28	3.36	3.65	4.01	4.67	4.44	3.62	3.39	2.83	2.63	1.95				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.61	-0.62	0.24	-0.29	-0.57	-0.71	-0.94	-1.14	-1.09	-1.20	-1.26	-0.55	0.00	0.00	0.00	0.00				
74TH STREET_GT_1	24260	33.17	30.71	29.15	28.30	29.00	29.62	38.62	43.25	41.29	36.68	35.92	38.40	39.51	42.49	45.23	49.20	56.38	68.85	71.90	63.49	53.94	45.73	39.65	35.49				
		2.23	1.79	1.52	1.30	1.35	1.49	2.25	2.41	2.27	2.26	2.62	2.86	3.02	3.20	3.28	3.52	3.91	4.54	4.37	3.56	3.34	2.79	2.59	1.95				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.61	-0.62	0.24	-0.29	-0.57	-0.71	-0.94	-1.14	-1.09	-1.20	-1.26	-0.55	0.00	0.00	0.00	0.00				
74TH STREET_GT_2	24261	33.17	30.71	29.15	28.30	29.00	29.62	38.62	43.25	41.29	36.68	35.92	38.40	39.51	42.49	45.23	49.20	56.38	68.85	71.90	63.49	53.94	45.73	39.65	35.49				
		2.23	1.79	1.52	1.30	1.35	1.49	2.25	2.41	2.27	2.26	2.62	2.86	3.02	3.20	3.28	3.52	3.91	4.54	4.37	3.56	3.34	2.79	2.59	1.95				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.61	-0.62	0.24	-0.29	-0.57	-0.71	-0.94	-1.14	-1.09	-1.20	-1.26	-0.55	0.00	0.00	0.00	0.00				
ADK HUDSON___FALLS	24011	33.38	31.32	29.87	29.17	29.91	30.54	39.45	44.21	40.26	35.05	34.33	36.12	36.78	39.58	40.92	44.53	52.23	64.71	68.36	62.02	53.49	45.34	40.44	36.26				
		2.44	2.40	2.24	2.16	2.27	2.42	3.09	3.39	2.46	1.89	1.58	1.55	1.44	1.74	0.86	1.16	1.95	2.84	3.38	3.21	2.88	2.40	2.96	2.72				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62	0.64	0.78	0.68	0.58	0.73	0.96	1.17	1.11	1.23	1.29	0.56	0.00	0.00	-0.42	0.00				
ADK RESOURCE___RCVRY	23798	33.60	31.52	30.06	29.35	30.13	30.74	39.74	44.53	40.56	35.28	34.47	36.28	36.95	38.65	41.00	44.76	52.53	65.20	68.88	62.52	53.83	45.47	39.58	36.52				
		2.66	2.60	2.43	2.35	2.49	2.62	3.38	3.71	2.73	2.10	1.71	1.69	1.58	0.77	0.90	1.33	2.21	3.28	3.84	3.68	3.24	2.53	2.11	2.98				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.61	0.77	0.66	0.56	0.70	0.91	1.12	1.06	1.18	1.23	0.54	0.02	0.00	-0.41	0.00				
ADK S GLENS___FALLS	24028	33.38	31.32	29.87	29.17	29.91	30.54	39.45	44.21	40.26	35.05	34.33	36.12	36.78	39.58	40.92	44.53	52.23	64.71	68.36	62.02	53.49	45.34	40.44	36.26				
		2.44	2.40	2.24	2.16	2.27	2.42	3.09	3.39	2.46	1.89	1.58	1.55	1.44	1.74	0.86	1.16	1.95	2.84	3.38	3.21	2.88	2.40	2.96	2.72				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62	0.64	0.78	0.68	0.58	0.73	0.96	1.17	1.11	1.23	1.29	0.56	0.00	0.00	-0.42	0.00				
ADK_NYS___DAM	23527	32.55	30.30	28.90	28.22	29.03	29.48	38.40	42.82	38.86	33.92	33.76	35.55	36.29	38.80	40.88	44.18	51.55	63.57	66.65	60.85	52.99	45.00	39.43	35.08				
		1.61	1.39	1.27	1.22	1.38	1.35	2.04	2.00	1.69	1.42	1.38	1.51	1.54	1.70	1.80	2.01	2.42	2.97	2.98	2.61	2.43	2.06	1.78	1.54				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.25	1.29	1.15	1.21	1.18	1.47	1.94	2.37	2.25	2.49	2.60	1.14	0.04	0.00	-0.60	0.00				
AIR_PRODUCTS___DRP	24190	31.19	29.09	27.88	27.27	27.92	28.35	36.65	41.15	38.15	33.49	33.02	34.87	35.60	38.11	40.36	43.87	50.62	62.19	65.19	58.75	50.60	42.94	36.78	33.68				
		0.25	0.17	0.25	0.27	0.28	0.23	0.29	0.33	0.15	0.14	0.17	0.14	0.07	0.04	0.00	0.13	0.00	-0.06	-0.20	-0.24	0.00	0.00	0.07	0.13				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.44	0.69	0.52	0.40	0.50	0.66	0.80	0.76	0.84	0.88	0.38	0.00	0.00	0.35	0.00				
AKWESSNE_115KV_BK	355683	27.68	25.58	25.23	24.54	26.32	24.23	33.73	38.53	37.29	31.10	30.82	32.67	33.43	36.29	38.26	41.57	49.32	62.86	65.34	58.66	48.23	41.37	35.29	31.36				
		-0.12	-0.12	-0.11	-0.11	-0.14	-0.11	-0.11	-0.16	0.08	0.07	0.07	0.07	0.07	0.04	0.08	0.09	0.05	0.19	0.13	0.06	-0.20	-0.17	-0.15	-0.13				
		3.13	3.22	2.29	2.35	1.18	3.78	2.52	2.13	1.21	2.76	2.78	2.65	2.56	2.32	2.84	3.06	2.11	0.43	1.06	0.78	2.17	1.39	1.62	2.05				
ALBANY_1_SOLAR	323833	31.80	29.72	28.46	27.84	28.50	28.91	37.38	41.84	38.84	33.96	33.22	35.16	35.92	38.35	40.80	44.48	51.50	63.59	66.99	60.32	51.56	43.80	37.57	34.41				
		0.87	0.81	0.83	0.84	0.86	0.79	1.02	1.02	0.61	0.37	0.27	0.25	0.18	0.00	0.08	0.31	0.46	0.88	1.13	1.13	0.96	0.86	0.70	0.87				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.20	0.58	0.34	0.18	0.23	0.30	0.37	0.35	0.39	0.40	0.18	0.01	0.00	0.19	0.00				
ALBANY_2_SOLAR	323834	31.80	29.72	28.46	27.81	28.50	28.91	37.38	41.84	38.84	33.96	33.22	35.16	35.92	38.34	40.79	44.44	51.50	63.59	66.99	60.27	51.56	43.80	37.57	34.41				
		0.87	0.81	0.83	0.81	0.86	0.79	1.02	1.02	0.61	0.37	0.27	0.25	0.18	0.00	0.08	0.27	0.46	0.88	1.13	1.07	0.96	0.86	0.70	0.87				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.20	0.58	0.34	0.18	0.23	0.30	0.37	0.35	0.39	0.41	0.18	0.01	0.00	0.19	0.00				
ALBANY___1	23571	31.19	29.09	27.88	27.27	27.92	28.35	36.65	41.15	38.15	33.49	33.02	34.87	35.60	38.11	40.36	43.87	50.62	62.19	65.19	58.75	50.60	42.94	36.78	33.68				
		0.25	0.17	0.25	0.27	0.28	0.23	0.29	0.33	0.15	0.14	0.17	0.14	0.07	0.04	0.00	0.13	0.00	-0.06	-0.20	-0.24	0.00	0.00	0.07	0.13				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.44	0.69	0.52	0.40	0.50	0.66	0.80	0.76	0.84	0.88	0.38	0.00	0.00	0.35	0.00				

ALBANY___2 23572	31.19 0.25 0.00	29.09 0.17 0.00	27.88 0.25 0.00	27.27 0.27 0.00	27.92 0.28 0.00	28.35 0.23 0.00	36.65 0.29 0.00	41.15 0.33 0.00	38.15 0.15 0.42	33.49 0.14 0.44	33.02 0.17 0.69	34.87 0.14 0.52	35.60 0.07 0.40	38.11 0.04 0.50	40.36 0.00 0.66	43.87 0.13 0.80	50.62 0.00 0.76	62.19 -0.06 0.84	65.19 -0.20 0.88	58.75 -0.24 0.38	50.60 0.00 0.00	42.94 0.00 0.00	36.78 0.07 0.35	33.68 0.13 0.00
ALBANY___3 23573	31.19 0.25 0.00	29.09 0.17 0.00	27.88 0.25 0.00	27.27 0.27 0.00	27.92 0.28 0.00	28.35 0.23 0.00	36.65 0.29 0.00	41.15 0.33 0.00	38.15 0.15 0.42	33.49 0.14 0.44	33.02 0.17 0.69	34.87 0.14 0.52	35.60 0.07 0.40	38.11 0.04 0.50	40.36 0.00 0.66	43.87 0.13 0.80	50.62 0.00 0.76	62.19 -0.06 0.84	65.19 -0.20 0.88	58.75 -0.24 0.38	50.60 0.00 0.00	42.94 0.00 0.00	36.78 0.07 0.35	33.68 0.13 0.00
ALBANY___4 23574	31.19 0.25 0.00	29.09 0.17 0.00	27.88 0.25 0.00	27.27 0.27 0.00	27.92 0.28 0.00	28.35 0.23 0.00	36.65 0.29 0.00	41.15 0.33 0.00	38.15 0.15 0.42	33.49 0.14 0.44	33.02 0.17 0.69	34.87 0.14 0.52	35.60 0.07 0.40	38.11 0.04 0.50	40.36 0.00 0.66	43.87 0.13 0.80	50.62 0.00 0.76	62.19 -0.06 0.84	65.19 -0.20 0.88	58.75 -0.24 0.38	50.60 0.00 0.00	42.94 0.00 0.00	36.78 0.07 0.35	33.68 0.13 0.00
ALBANY___LFGE 323615	31.46 0.53 0.00	29.38 0.46 0.00	28.13 0.50 0.00	27.52 0.51 0.00	28.23 0.58 0.00	28.60 0.48 0.00	37.02 0.66 0.00	41.55 0.74 0.00	38.47 0.50 0.45	33.74 0.41 0.46	33.20 0.37 0.70	35.13 0.42 0.54	35.86 0.36 0.42	38.39 0.35 0.53	40.73 0.41 0.69	44.27 0.58 0.85	51.09 0.51 0.81	62.90 0.70 0.89	65.93 0.60 0.93	59.50 0.53 0.41	51.20 0.61 0.01	43.49 0.56 0.00	37.17 0.45 0.33	34.01 0.47 0.00
ALCOA_PA_115KV_PL-6C 55860	61.62 0.06 -30.62	60.39 0.03 -31.45	49.99 0.03 -22.34	50.02 0.03 -22.99	39.23 0.03 -11.56	65.15 0.06 -36.97	64.75 0.11 -28.28	64.80 0.08 -23.90	52.30 0.31 -13.57	65.01 0.27 -30.95	65.02 0.27 -31.22	65.30 0.28 -29.77	64.95 0.29 -28.74	64.86 0.27 -26.02	73.17 0.33 -31.83	79.27 0.36 -34.37	75.46 0.36 -23.71	68.40 0.50 -4.80	78.71 0.53 -11.91	68.57 0.47 -8.72	75.02 0.10 -24.32	58.67 0.09 -15.64	55.26 0.07 -18.13	56.55 0.03 -22.98
ALCOA_RYNLDS___DRP 24188	61.62 0.06 -30.62	60.39 0.03 -31.45	49.99 0.03 -22.34	50.02 0.03 -22.99	39.23 0.03 -11.56	65.15 0.06 -36.97	64.75 0.11 -28.28	64.80 0.08 -23.90	52.30 0.31 -13.57	65.01 0.27 -30.95	65.02 0.27 -31.22	65.30 0.28 -29.77	64.95 0.29 -28.74	64.86 0.27 -26.02	73.17 0.33 -31.83	79.27 0.36 -34.37	75.46 0.36 -23.71	68.40 0.50 -4.80	78.71 0.53 -11.91	68.57 0.47 -8.72	75.02 0.10 -24.32	58.67 0.09 -15.64	55.26 0.07 -18.13	56.55 0.03 -22.98
ALCOA___DSASP 323711	61.62 0.06 -30.62	60.39 0.03 -31.45	49.99 0.03 -22.34	50.02 0.03 -22.99	39.23 0.03 -11.56	65.15 0.06 -36.97	64.75 0.11 -28.28	64.80 0.08 -23.90	52.30 0.31 -13.57	65.01 0.27 -30.95	65.02 0.27 -31.22	65.30 0.28 -29.77	64.94 0.29 -28.74	64.86 0.27 -26.02	73.05 0.21 -31.83	79.14 0.22 -34.37	75.31 0.21 -23.71	68.22 0.32 -4.80	78.51 0.33 -11.91	68.34 0.24 -8.72	74.82 -0.10 -24.32	58.54 -0.04 -15.64	55.26 0.07 -18.13	56.55 0.03 -22.98
ALLEGHENY___COGEN 23514	31.96 1.02 0.00	30.39 1.47 0.00	28.81 1.19 0.00	28.09 1.08 0.00	28.70 1.05 0.00	29.45 1.32 0.00	37.63 1.27 0.00	44.08 1.43 -1.83	40.92 0.77 -1.73	35.76 0.37 -1.60	33.46 0.00 0.07	35.88 -0.39 -1.02	37.19 -0.43 -1.69	41.12 0.00 -2.55	43.05 0.16 -1.87	46.51 0.09 -1.89	54.68 1.03 -2.27	67.72 1.70 -2.92	73.55 3.12 -4.16	67.07 3.20 -4.49	57.22 2.78 -3.83	46.65 1.85 -1.87	40.14 1.44 -1.64	37.62 1.54 -2.53
ALTAMONT_115KV_TB 2 55880	31.62 0.68 0.00	29.49 0.58 0.00	28.24 0.61 0.00	27.60 0.59 0.00	28.25 0.61 0.00	28.72 0.59 0.00	37.16 0.80 0.00	41.64 0.82 0.00	38.77 0.61 0.27	34.06 0.54 0.27	33.51 0.57 0.60	35.42 0.56 0.39	36.25 0.57 0.25	38.76 0.50 0.31	41.14 0.53 0.41	44.66 0.62 0.50	51.63 0.72 0.48	63.39 0.82 0.53	66.51 0.80 0.55	59.79 0.65 0.24	51.36 0.76 0.00	43.58 0.64 0.00	37.52 0.63 0.16	34.11 0.57 0.00
ALTONA_WT_PWR 323606	33.75 1.15 -1.66	31.69 1.07 -1.71	29.81 0.97 -1.21	29.22 0.97 -1.25	29.21 0.94 -0.63	31.23 1.10 -2.00	39.18 1.56 -1.26	43.56 1.67 -1.06	40.98 1.96 -0.60	36.92 1.76 -1.38	36.67 1.74 -1.39	38.37 1.80 -1.32	39.00 1.80 -1.28	41.58 1.85 -1.16	43.46 1.03 -1.42	46.78 0.71 -1.53	53.26 0.82 -1.05	64.57 1.26 -0.21	68.05 1.26 -0.53	60.83 1.07 -0.39	52.14 0.45 -1.08	44.45 0.81 -0.70	39.42 1.56 -0.81	35.94 1.38 -1.02
AMERICAN_REF_FUEL 24010	30.20 -0.74 0.00	29.09 0.17 0.00	27.52 -0.11 0.00	26.38 -0.62 0.00	26.93 -0.72 0.00	27.73 -0.39 0.00	34.80 -1.56 0.00	41.31 -1.92 -2.41	38.79 -2.00 -2.36	34.59 -1.39 -2.18	33.26 -1.38 -1.10	35.18 -1.90 -1.84	36.36 -1.66 -2.31	40.40 -1.89 -3.48	41.68 -1.89 -2.55	44.35 -2.76 -2.58	51.87 -2.62 -3.10	63.60 -3.47 -3.98	69.09 -2.85 -5.66	63.01 -2.49 -6.12	53.75 -2.08 -5.22	43.47 -2.02 -2.55	37.77 -1.52 -2.23	36.51 -0.50 -3.47
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.69 -0.25 0.00	29.49 0.58 0.00	27.93 0.30 0.00	27.17 0.16 0.00	27.76 0.11 0.00	28.66 0.53 0.00	36.11 -0.25 0.00	43.34 0.49 -2.03	40.61 0.15 -2.04	36.11 0.44 -1.88	34.44 0.37 -0.53	36.82 0.14 -1.43	38.13 0.22 -1.99	42.23 0.66 -3.00	43.78 0.57 -2.19	46.80 0.04 -2.22	54.63 0.57 -2.68	66.98 0.44 -3.43	72.45 1.26 -4.92	65.50 0.83 -5.29	55.77 0.66 -4.51	45.22 0.09 -2.19	39.16 0.19 -1.92	37.14 0.64 -2.97
ARTHUR KILL_GT_1 23520	33.42 2.48 -0.01	30.95 2.02 -0.01	29.29 1.66 0.00	28.41 1.40 0.00	29.17 1.52 0.00	29.67 1.55 0.00	38.65 2.29 0.00	42.99 2.49 0.32	40.99 1.96 -0.61	36.54 2.13 -0.62	35.78 2.48 0.24	38.30 2.75 -0.30	39.32 2.84 -0.56	42.25 2.97 -0.70	44.94 2.99 -0.93	48.79 3.12 -1.14	56.01 3.55 -1.08	68.65 4.35 -1.20	71.44 3.91 -1.26	63.43 3.50 -0.55	53.89 3.29 0.00	45.47 2.53 0.00	39.65 2.59 0.00	35.70 2.15 -0.01
ARTHUR_KILL_2 23512	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.33 1.32 0.00	29.11 1.46 0.00	29.56 1.43 0.00	38.54 2.18 0.00	41.88 1.39 0.32	40.84 1.84 -0.57	36.42 2.03 -0.60	35.60 2.31 0.25	38.21 2.68 -0.28	39.23 2.77 -0.54	42.15 2.89 -0.68	44.90 2.99 -0.89	48.75 3.12 -1.09	55.81 3.39 -1.04	68.29 4.04 -1.15	71.18 3.71 -1.20	63.28 3.38 -0.52	53.70 3.09 -0.01	45.46 2.53 0.01	39.69 2.63 0.00	35.56 2.01 -0.01
ARTHUR_KILL_3 23513	32.86 1.92 0.00	30.36 1.45 0.00	28.84 1.21 0.00	28.00 1.00 0.00	28.75 1.11 0.00	29.31 1.18 0.00	38.22 1.85 0.00	42.58 1.96 0.20	40.85 1.84 -0.58	36.28 1.89 -0.60	35.40 2.11 0.25	37.99 2.47 -0.27	39.09 2.62 -0.55	42.04 2.78 -0.69	44.79 2.87 -0.90	48.76 3.12 -1.10	55.67 3.24 -1.05	68.11 3.85 -1.16	70.99 3.51 -1.21	62.75 2.85 -0.53	53.35 2.73 -0.02	45.38 2.45 0.00	39.32 2.26 0.00	35.12 1.58 0.00

ARTHUR_KILL_COGEN 323718	33.42 2.48 -0.01	30.95 2.02 -0.01	29.29 1.66 0.00	28.41 1.40 0.00	29.22 1.57 0.00	29.67 1.55 0.00	38.65 2.29 0.00	42.05 1.55 0.32	40.99 2.00 -0.57	36.52 2.13 -0.60	35.70 2.42 0.25	38.31 2.78 -0.28	39.34 2.87 -0.54	42.30 3.05 -0.68	45.02 3.12 -0.89	48.93 3.30 -1.09	56.02 3.60 -1.04	68.54 4.29 -1.15	71.45 3.98 -1.20	63.52 3.62 -0.52	53.90 3.29 -0.01	45.64 2.71 0.01	39.84 2.78 0.00	35.70 2.15 -0.01
ASHOKAN____ 23654	32.46 1.52 0.00	30.19 1.27 0.00	28.70 1.08 0.00	27.98 0.97 0.00	28.72 1.08 0.00	29.08 0.96 0.00	37.92 1.56 0.00	42.25 1.43 0.00	40.53 2.11 0.00	35.58 1.79 0.00	34.80 1.78 0.51	36.89 1.83 0.19	37.90 1.97 0.00	40.50 1.93 0.00	43.23 2.21 0.00	47.30 2.76 0.00	54.72 3.34 0.00	67.58 4.48 0.00	70.97 4.71 0.00	63.59 4.22 0.00	52.68 2.08 0.00	44.87 1.93 0.00	38.49 1.56 0.12	34.92 1.38 0.00
ASTORIA_EAST_ENERGY_CC1 323581	33.14 2.20 -0.01	30.69 1.76 -0.01	29.10 1.46 -0.01	28.28 1.27 -0.01	29.04 1.38 -0.01	29.53 1.41 0.00	38.36 2.00 0.00	42.60 1.75 -0.03	40.77 1.77 -0.57	36.21 1.82 -0.59	35.39 2.11 0.26	37.98 2.47 -0.27	39.08 2.62 -0.54	42.07 2.81 -0.69	44.82 2.91 -0.89	48.66 3.03 -1.09	55.61 3.19 -1.04	67.97 3.72 -1.15	70.85 3.38 -1.20	62.69 2.79 -0.52	53.24 2.63 -0.01	45.38 2.45 0.00	39.69 2.63 0.00	35.46 1.91 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	33.14 2.20 -0.01	30.69 1.76 -0.01	29.10 1.46 -0.01	28.28 1.27 -0.01	29.04 1.38 -0.01	29.53 1.41 0.00	38.36 2.00 0.00	42.60 1.75 -0.03	40.77 1.77 -0.57	36.21 1.82 -0.59	35.39 2.11 0.26	37.98 2.47 -0.27	39.08 2.62 -0.54	42.07 2.81 -0.69	44.82 2.91 -0.89	48.66 3.03 -1.09	55.61 3.19 -1.04	67.97 3.72 -1.15	70.85 3.38 -1.20	62.69 2.79 -0.52	53.24 2.63 -0.01	45.38 2.45 0.00	39.69 2.63 0.00	35.46 1.91 -0.01
ASTORIA_GT2_1 24094	33.18 2.23 -0.01	30.72 1.79 -0.01	29.13 1.49 -0.01	28.31 1.30 -0.01	29.01 1.35 -0.01	29.53 1.41 0.00	38.36 2.00 0.00	42.77 1.92 -0.03	40.80 1.77 -0.61	36.24 1.82 -0.62	35.51 2.21 0.24	38.01 2.47 -0.29	39.12 2.62 -0.57	42.02 2.74 -0.71	44.66 2.71 -0.94	48.58 2.89 -1.14	55.66 3.19 -1.09	67.90 3.60 -1.20	70.84 3.31 -1.26	62.54 2.61 -0.55	53.18 2.58 0.00	45.13 2.19 0.00	39.61 2.56 0.00	35.49 1.95 -0.01
ASTORIA_GT2_2 24095	33.18 2.23 -0.01	30.72 1.79 -0.01	29.13 1.49 -0.01	28.31 1.30 -0.01	29.01 1.35 -0.01	29.53 1.41 0.00	38.36 2.00 0.00	42.77 1.92 -0.03	40.80 1.77 -0.61	36.24 1.82 -0.62	35.51 2.21 0.24	38.01 2.47 -0.29	39.12 2.62 -0.57	42.02 2.74 -0.71	44.66 2.71 -0.94	48.58 2.89 -1.14	55.66 3.19 -1.09	67.90 3.60 -1.20	70.84 3.31 -1.26	62.54 2.61 -0.55	53.18 2.58 0.00	45.13 2.19 0.00	39.61 2.56 0.00	35.49 1.95 -0.01
ASTORIA_GT2_3 24096	33.18 2.23 -0.01	30.72 1.79 -0.01	29.13 1.49 -0.01	28.31 1.30 -0.01	29.01 1.35 -0.01	29.53 1.41 0.00	38.36 2.00 0.00	42.77 1.92 -0.03	40.80 1.77 -0.61	36.24 1.82 -0.62	35.51 2.21 0.24	38.01 2.47 -0.29	39.12 2.62 -0.57	42.02 2.74 -0.71	44.66 2.71 -0.94	48.58 2.89 -1.14	55.66 3.19 -1.09	67.90 3.60 -1.20	70.84 3.31 -1.26	62.54 2.61 -0.55	53.18 2.58 0.00	45.13 2.19 0.00	39.61 2.56 0.00	35.49 1.95 -0.01
ASTORIA_GT2_4 24097	33.18 2.23 -0.01	30.72 1.79 -0.01	29.13 1.49 -0.01	28.31 1.30 -0.01	29.01 1.35 -0.01	29.53 1.41 0.00	38.36 2.00 0.00	42.77 1.92 -0.03	40.80 1.77 -0.61	36.24 1.82 -0.62	35.51 2.21 0.24	38.01 2.47 -0.29	39.12 2.62 -0.57	42.02 2.74 -0.71	44.66 2.71 -0.94	48.58 2.89 -1.14	55.66 3.19 -1.09	67.90 3.60 -1.20	70.84 3.31 -1.26	62.54 2.61 -0.55	53.18 2.58 0.00	45.13 2.19 0.00	39.61 2.56 0.00	35.49 1.95 -0.01
ASTORIA_GT3_1 24098	33.18 2.23 -0.01	30.72 1.79 -0.01	29.13 1.49 -0.01	28.31 1.30 -0.01	29.01 1.35 -0.01	29.53 1.41 0.00	38.36 2.00 0.00	42.77 1.92 -0.03	40.80 1.77 -0.61	36.24 1.82 -0.62	35.51 2.21 0.24	38.01 2.47 -0.29	39.12 2.62 -0.57	42.02 2.74 -0.71	44.66 2.71 -0.94	48.58 2.89 -1.14	55.66 3.19 -1.09	67.90 3.60 -1.20	70.84 3.31 -1.26	62.54 2.61 -0.55	53.18 2.58 0.00	45.13 2.19 0.00	39.61 2.56 0.00	35.49 1.95 -0.01
ASTORIA_GT3_2 24099	33.18 2.23 -0.01	30.72 1.79 -0.01	29.13 1.49 -0.01	28.31 1.30 -0.01	29.01 1.35 -0.01	29.53 1.41 0.00	38.36 2.00 0.00	42.77 1.92 -0.03	40.80 1.77 -0.61	36.24 1.82 -0.62	35.51 2.21 0.24	38.01 2.47 -0.29	39.12 2.62 -0.57	42.02 2.74 -0.71	44.66 2.71 -0.94	48.58 2.89 -1.14	55.66 3.19 -1.09	67.90 3.60 -1.20	70.84 3.31 -1.26	62.54 2.61 -0.55	53.18 2.58 0.00	45.13 2.19 0.00	39.61 2.56 0.00	35.49 1.95 -0.01
ASTORIA_GT3_3 24100	33.18 2.23 -0.01	30.72 1.79 -0.01	29.13 1.49 -0.01	28.31 1.30 -0.01	29.01 1.35 -0.01	29.53 1.41 0.00	38.36 2.00 0.00	42.77 1.92 -0.03	40.80 1.77 -0.61	36.24 1.82 -0.62	35.51 2.21 0.24	38.01 2.47 -0.29	39.12 2.62 -0.57	42.02 2.74 -0.71	44.66 2.71 -0.94	48.58 2.89 -1.14	55.66 3.19 -1.09	67.90 3.60 -1.20	70.84 3.31 -1.26	62.54 2.61 -0.55	53.18 2.58 0.00	45.13 2.19 0.00	39.61 2.56 0.00	35.49 1.95 -0.01
ASTORIA_GT3_4 24101	33.18 2.23 -0.01	30.72 1.79 -0.01	29.13 1.49 -0.01	28.31 1.30 -0.01	29.01 1.35 -0.01	29.53 1.41 0.00	38.36 2.00 0.00	42.77 1.92 -0.03	40.80 1.77 -0.61	36.24 1.82 -0.62	35.51 2.21 0.24	38.01 2.47 -0.29	39.12 2.62 -0.57	42.02 2.74 -0.71	44.66 2.71 -0.94	48.58 2.89 -1.14	55.66 3.19 -1.09	67.90 3.60 -1.20	70.84 3.31 -1.26	62.54 2.61 -0.55	53.18 2.58 0.00	45.13 2.19 0.00	39.61 2.56 0.00	35.49 1.95 -0.01
ASTORIA_GT4_1 24102	33.18 2.23 -0.01	30.72 1.79 -0.01	29.13 1.49 -0.01	28.31 1.30 -0.01	29.01 1.35 -0.01	29.53 1.41 0.00	38.36 2.00 0.00	42.77 1.92 -0.03	40.80 1.77 -0.61	36.24 1.82 -0.62	35.51 2.21 0.24	38.01 2.47 -0.29	39.12 2.62 -0.57	42.02 2.74 -0.71	44.66 2.71 -0.94	48.58 2.89 -1.14	55.66 3.19 -1.09	67.90 3.60 -1.20	70.84 3.31 -1.26	62.54 2.61 -0.55	53.18 2.58 0.00	45.13 2.19 0.00	39.61 2.56 0.00	35.49 1.95 -0.01
ASTORIA_GT4_2 24103	33.18 2.23 -0.01	30.72 1.79 -0.01	29.13 1.49 -0.01	28.31 1.30 -0.01	29.01 1.35 -0.01	29.53 1.41 0.00	38.36 2.00 0.00	42.77 1.92 -0.03	40.80 1.77 -0.61	36.24 1.82 -0.62	35.51 2.21 0.24	38.01 2.47 -0.29	39.12 2.62 -0.57	42.02 2.74 -0.71	44.66 2.71 -0.94	48.58 2.89 -1.14	55.66 3.19 -1.09	67.90 3.60 -1.20	70.84 3.31 -1.26	62.54 2.61 -0.55	53.18 2.58 0.00	45.13 2.19 0.00	39.61 2.56 0.00	35.49 1.95 -0.01
ASTORIA_GT4_3 24104	33.18 2.23 -0.01	30.72 1.79 -0.01	29.13 1.49 -0.01	28.31 1.30 -0.01	29.01 1.35 -0.01	29.53 1.41 0.00	38.36 2.00 0.00	42.77 1.92 -0.03	40.80 1.77 -0.61	36.24 1.82 -0.62	35.51 2.21 0.24	38.01 2.47 -0.29	39.12 2.62 -0.57	42.02 2.74 -0.71	44.66 2.71 -0.94	48.58 2.89 -1.14	55.66 3.19 -1.09	67.90 3.60 -1.20	70.84 3.31 -1.26	62.54 2.61 -0.55	53.18 2.58 0.00	45.13 2.19 0.00	39.61 2.56 0.00	35.49 1.95 -0.01

ASTORIA_GT4_4 24105	33.18 2.23 -0.01	30.72 1.79 -0.01	29.13 1.49 -0.01	28.31 1.30 -0.01	29.01 1.35 -0.01	29.53 1.41 0.00	38.36 2.00 0.00	42.77 1.92 -0.03	40.80 1.77 -0.61	36.24 1.82 -0.62	35.51 2.21 0.24	38.01 2.47 -0.29	39.12 2.62 -0.57	42.02 2.74 -0.71	44.66 2.71 -0.94	48.58 2.89 -1.14	55.66 3.19 -1.09	67.90 3.60 -1.20	70.84 3.31 -1.26	62.54 2.61 -0.55	53.18 2.58 0.00	45.13 2.19 0.00	39.61 2.56 0.00	35.49 1.95 -0.01
ASTORIA_GT_1 23523	33.24 2.29 -0.01	30.77 1.85 -0.01	29.18 1.55 -0.01	28.34 1.32 -0.01	29.06 1.41 -0.01	29.59 1.46 0.00	38.43 2.07 0.00	42.85 2.00 -0.03	40.87 1.84 -0.61	36.34 1.93 -0.62	35.61 2.31 0.24	38.08 2.54 -0.29	39.19 2.69 -0.57	42.14 2.85 -0.71	44.74 2.79 -0.94	48.67 2.98 -1.14	55.81 3.34 -1.09	68.09 3.79 -1.20	70.97 3.45 -1.26	62.72 2.79 -0.55	53.29 2.68 0.00	45.26 2.32 0.00	39.72 2.67 0.00	35.56 2.01 -0.01
ASTORIA_GT_10 24110	33.11 2.17 0.00	30.65 1.73 0.00	29.06 1.44 0.00	28.25 1.24 0.00	28.95 1.30 0.00	29.50 1.38 0.00	38.43 2.07 0.00	43.07 2.08 -0.17	40.99 1.96 -0.61	36.44 2.03 -0.62	35.68 2.38 0.24	38.19 2.64 -0.29	39.29 2.80 -0.57	42.22 2.93 -0.71	44.90 2.95 -0.94	48.80 3.12 -1.14	55.96 3.49 -1.09	68.28 3.98 -1.20	71.24 3.71 -1.26	62.89 2.97 -0.55	53.44 2.83 0.00	45.34 2.40 0.00	39.54 2.48 0.00	35.39 1.84 0.00
ASTORIA_GT_11 24225	33.11 2.17 0.00	30.65 1.73 0.00	29.06 1.44 0.00	28.25 1.24 0.00	28.95 1.30 0.00	29.50 1.38 0.00	38.43 2.07 0.00	43.07 2.08 -0.17	40.99 1.96 -0.61	36.44 2.03 -0.62	35.68 2.38 0.24	38.19 2.64 -0.29	39.29 2.80 -0.57	42.22 2.93 -0.71	44.90 2.95 -0.94	48.80 3.12 -1.14	55.96 3.49 -1.09	68.28 3.98 -1.20	71.24 3.71 -1.26	62.89 2.97 -0.55	53.44 2.83 0.00	45.34 2.40 0.00	39.54 2.48 0.00	35.39 1.84 0.00
ASTORIA_GT_12 24226	33.11 2.17 0.00	30.65 1.73 0.00	29.06 1.44 0.00	28.25 1.24 0.00	28.95 1.30 0.00	29.50 1.38 0.00	38.43 2.07 0.00	43.07 2.08 -0.17	40.99 1.96 -0.61	36.44 2.03 -0.62	35.68 2.38 0.24	38.19 2.64 -0.29	39.29 2.80 -0.57	42.22 2.93 -0.71	44.90 2.95 -0.94	48.80 3.12 -1.14	55.96 3.49 -1.09	68.28 3.98 -1.20	71.24 3.71 -1.26	62.89 2.97 -0.55	53.44 2.83 0.00	45.34 2.40 0.00	39.54 2.48 0.00	35.39 1.84 0.00
ASTORIA_GT_13 24227	33.11 2.17 0.00	30.65 1.73 0.00	29.06 1.44 0.00	28.25 1.24 0.00	28.95 1.30 0.00	29.50 1.38 0.00	38.43 2.07 0.00	43.07 2.08 -0.17	40.99 1.96 -0.61	36.44 2.03 -0.62	35.68 2.38 0.24	38.19 2.64 -0.29	39.29 2.80 -0.57	42.22 2.93 -0.71	44.90 2.95 -0.94	48.80 3.12 -1.14	55.96 3.49 -1.09	68.28 3.98 -1.20	71.24 3.71 -1.26	62.89 2.97 -0.55	53.44 2.83 0.00	45.34 2.40 0.00	39.54 2.48 0.00	35.39 1.84 0.00
ASTORIA_GT_5 24106	33.24 2.29 -0.01	30.77 1.85 -0.01	29.18 1.55 -0.01	28.34 1.32 -0.01	29.06 1.41 -0.01	29.59 1.46 0.00	38.43 2.07 0.00	42.85 2.00 -0.03	40.87 1.84 -0.61	36.34 1.93 -0.62	35.61 2.31 0.24	38.08 2.54 -0.29	39.19 2.69 -0.57	42.14 2.85 -0.71	44.74 2.79 -0.94	48.67 2.98 -1.14	55.81 3.34 -1.09	68.09 3.79 -1.20	70.97 3.45 -1.26	62.72 2.79 -0.55	53.29 2.68 0.00	45.26 2.32 0.00	39.72 2.67 0.00	35.56 2.01 -0.01
ASTORIA_GT_7 24107	33.24 2.29 -0.01	30.77 1.85 -0.01	29.18 1.55 -0.01	28.34 1.32 -0.01	29.06 1.41 -0.01	29.59 1.46 0.00	38.43 2.07 0.00	42.85 2.00 -0.03	40.87 1.84 -0.61	36.34 1.93 -0.62	35.61 2.31 0.24	38.08 2.54 -0.29	39.19 2.69 -0.57	42.14 2.85 -0.71	44.74 2.79 -0.94	48.67 2.98 -1.14	55.81 3.34 -1.09	68.09 3.79 -1.20	70.97 3.45 -1.26	62.72 2.79 -0.55	53.29 2.68 0.00	45.26 2.32 0.00	39.72 2.67 0.00	35.56 2.01 -0.01
ASTORIA_GT_8 24108	33.24 2.29 -0.01	30.77 1.85 -0.01	29.18 1.55 -0.01	28.34 1.32 -0.01	29.06 1.41 -0.01	29.59 1.46 0.00	38.43 2.07 0.00	42.85 2.00 -0.03	40.87 1.84 -0.61	36.34 1.93 -0.62	35.61 2.31 0.24	38.08 2.54 -0.29	39.19 2.69 -0.57	42.14 2.85 -0.71	44.74 2.79 -0.94	48.67 2.98 -1.14	55.81 3.34 -1.09	68.09 3.79 -1.20	70.97 3.45 -1.26	62.72 2.79 -0.55	53.29 2.68 0.00	45.26 2.32 0.00	39.72 2.67 0.00	35.56 2.01 -0.01
ASTORIA___2 24149	33.18 2.23 -0.01	30.72 1.79 -0.01	29.13 1.49 -0.01	28.31 1.30 -0.01	29.06 1.41 -0.01	29.53 1.41 0.00	38.36 2.00 0.00	42.64 1.79 -0.03	40.80 1.81 -0.57	36.24 1.86 -0.59	35.39 2.11 0.26	38.02 2.50 -0.27	39.12 2.66 -0.54	42.07 2.81 -0.69	44.82 2.91 -0.89	48.66 3.03 -1.09	55.66 3.24 -1.04	67.97 3.72 -1.15	70.85 3.38 -1.20	62.69 2.79 -0.52	53.24 2.63 -0.01	45.38 2.45 0.00	39.69 2.63 0.00	35.49 1.94 -0.01
ASTORIA___3 23516	33.10 2.17 0.00	30.65 1.73 0.00	29.06 1.44 0.00	28.25 1.24 0.00	29.00 1.35 0.00	29.50 1.38 0.00	38.43 2.07 0.00	42.95 1.96 -0.17	41.04 2.03 -0.58	36.42 2.03 -0.60	35.60 2.31 0.25	38.20 2.68 -0.27	39.31 2.84 -0.55	42.27 3.01 -0.69	44.99 3.08 -0.90	48.89 3.25 -1.10	55.93 3.50 -1.05	68.36 4.10 -1.16	71.26 3.78 -1.21	63.05 3.14 -0.53	53.56 2.93 -0.02	45.51 2.58 0.00	39.61 2.55 0.00	35.38 1.84 0.00
ASTORIA___4 23517	33.11 2.17 0.00	30.65 1.73 0.00	29.06 1.44 0.00	28.25 1.24 0.00	28.95 1.30 0.00	29.50 1.38 0.00	38.43 2.07 0.00	43.07 2.08 -0.17	40.99 1.96 -0.61	36.44 2.03 -0.62	35.68 2.38 0.24	38.19 2.64 -0.29	39.29 2.80 -0.57	42.22 2.93 -0.71	44.90 2.95 -0.94	48.80 3.12 -1.14	55.96 3.49 -1.09	68.28 3.98 -1.20	71.24 3.71 -1.26	62.89 2.97 -0.55	53.44 2.83 0.00	45.34 2.40 0.00	39.54 2.48 0.00	35.39 1.84 0.00
ASTORIA___5 23518	33.10 2.17 0.00	30.65 1.73 0.00	29.06 1.44 0.00	28.25 1.24 0.00	29.00 1.35 0.00	29.50 1.38 0.00	38.43 2.07 0.00	42.99 2.00 -0.17	41.04 2.03 -0.58	36.42 2.03 -0.60	35.60 2.31 0.25	38.20 2.68 -0.27	39.31 2.84 -0.55	42.27 3.01 -0.69	44.99 3.08 -0.90	48.89 3.25 -1.10	55.93 3.50 -1.05	68.36 4.10 -1.16	71.26 3.78 -1.21	63.05 3.14 -0.53	53.56 2.93 -0.02	45.51 2.58 0.00	39.61 2.55 0.00	35.38 1.84 0.00
AST_ENERGY_2_CC3 323677	24.61 1.89 8.22	24.61 1.47 5.78	24.61 1.19 4.20	24.61 1.00 3.39	24.61 1.13 4.17	24.61 1.13 4.64	26.09 1.64 11.91	27.01 1.35 15.15	26.97 1.42 12.87	24.61 1.49 10.67	26.64 1.78 8.67	26.64 2.11 10.72	26.64 2.26 11.55	26.64 2.43 14.37	27.38 2.50 16.14	28.62 2.58 18.50	33.98 2.72 20.13	46.71 3.09 19.48	49.67 2.72 19.31	41.46 2.20 20.11	31.96 2.12 20.77	30.99 2.02 13.96	28.75 2.26 10.57	26.64 1.58 8.48
AST_ENERGY_2_CC4 323678	24.61 1.89 8.22	24.61 1.47 5.78	24.61 1.19 4.20	24.61 1.00 3.39	24.61 1.13 4.17	24.61 1.13 4.64	26.09 1.64 11.91	27.01 1.35 15.15	26.97 1.42 12.87	24.61 1.49 10.67	26.64 1.78 8.67	26.64 2.11 10.72	26.64 2.26 11.55	26.64 2.43 14.37	27.38 2.50 16.14	28.62 2.58 18.50	33.98 2.72 20.13	46.71 3.09 19.48	49.67 2.72 19.31	41.46 2.20 20.11	31.96 2.12 20.77	30.99 2.02 13.96	28.75 2.26 10.57	26.64 1.58 8.48

ATHENS_STG_1 23668	32.05	29.81	28.46	27.76	28.47	28.91	37.53	42.00	39.73	35.05	34.19	36.42	37.29	40.01	42.62	46.38	53.26	65.28	68.36	60.87	51.88	44.05	38.06	34.28
	1.11	0.90	0.83	0.76	0.83	0.79	1.16	1.18	1.04	0.98	1.01	1.13	1.11	1.12	1.19	1.33	1.39	1.64	1.53	1.25	1.27	1.11	1.00	0.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-0.28	0.35	-0.04	-0.25	-0.32	-0.42	-0.51	-0.49	-0.54	-0.56	-0.25	-0.01	0.00	0.00	0.00
ATHENS_STG_2 23670	32.05	29.81	28.46	27.76	28.47	28.91	37.53	42.00	39.73	35.05	34.19	36.42	37.29	40.01	42.62	46.38	53.26	65.28	68.36	60.87	51.88	44.05	38.06	34.28
	1.11	0.90	0.83	0.76	0.83	0.79	1.16	1.18	1.04	0.98	1.01	1.13	1.11	1.12	1.19	1.33	1.39	1.64	1.53	1.25	1.27	1.11	1.00	0.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-0.28	0.35	-0.04	-0.25	-0.32	-0.42	-0.51	-0.49	-0.54	-0.56	-0.25	-0.01	0.00	0.00	0.00
ATHENS_STG_3 23677	32.05	29.81	28.46	27.76	28.47	28.91	37.53	42.00	39.73	35.05	34.19	36.42	37.29	40.01	42.62	46.38	53.26	65.28	68.36	60.87	51.88	44.05	38.06	34.28
	1.11	0.90	0.83	0.76	0.83	0.79	1.16	1.18	1.04	0.98	1.01	1.13	1.11	1.12	1.19	1.33	1.39	1.64	1.53	1.25	1.27	1.11	1.00	0.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-0.28	0.35	-0.04	-0.25	-0.32	-0.42	-0.51	-0.49	-0.54	-0.56	-0.25	-0.01	0.00	0.00	0.00
AUBURN____LFGE 323710	31.38	29.48	28.01	27.42	27.86	28.76	36.47	42.37	39.88	35.00	31.80	35.30	37.13	40.52	42.55	46.01	53.36	65.74	70.11	63.55	54.17	44.90	38.63	35.87
	0.03	0.14	0.08	0.11	0.06	0.14	0.11	0.24	0.19	0.03	-0.07	-0.11	-0.04	0.08	0.16	0.09	0.31	0.50	0.80	0.89	0.76	0.60	0.37	0.47
	-0.41	-0.42	-0.30	-0.31	-0.15	-0.49	0.00	-1.31	-1.27	-1.17	1.67	-0.15	-1.24	-1.87	-1.37	-1.38	-1.66	-2.13	-3.04	-3.29	-2.80	-1.37	-1.20	-1.86
BABYLON_RES_REC 323704	33.48	30.82	29.01	28.14	28.86	29.53	38.54	43.08	41.50	36.86	36.05	38.53	39.61	43.81	45.29	48.81	55.87	68.04	70.73	62.64	53.56	46.20	40.11	35.99
	2.54	1.91	1.38	1.13	1.22	1.41	2.18	2.24	2.50	2.47	2.75	2.99	3.12	3.28	3.36	3.16	3.44	3.79	3.25	2.73	2.93	3.26	3.04	2.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.58	-0.60	0.24	-0.28	-0.56	-1.96	-0.91	-1.11	-1.05	-1.16	-1.21	-0.53	-0.02	0.00	-0.01	0.00
BALL_HILL_WT_PWR 323825	30.44	29.23	27.71	26.92	27.48	28.32	35.64	42.72	39.99	35.60	33.99	36.24	37.52	41.61	43.08	46.04	53.74	66.02	71.50	64.86	55.28	44.86	38.90	37.08
	-0.50	0.32	0.08	-0.08	-0.16	0.20	-0.73	-0.24	-0.54	-0.13	-0.20	-0.53	-0.47	-0.08	-0.20	-0.80	-0.41	-0.63	0.13	0.00	0.00	-0.34	-0.15	0.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.14	-2.11	-1.95	-0.66	-1.52	-2.06	-3.11	-2.27	-2.30	-2.77	-3.56	-5.10	-5.48	-4.68	-2.27	-1.99	-3.07
BARON_WINDS____WT_PWR 323822	30.85	29.29	27.82	27.14	27.70	28.41	36.18	42.05	39.18	34.50	31.78	34.72	36.42	39.75	41.83	45.05	52.48	64.51	69.19	62.48	53.20	44.27	38.25	35.52
	-0.09	0.37	0.19	0.14	0.06	0.28	-0.18	0.29	-0.11	-0.10	-0.23	-0.49	-0.36	-0.12	-0.12	-0.45	-0.05	-0.06	0.80	0.83	0.66	0.39	0.37	0.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.94	-0.88	-0.81	1.52	0.03	-0.86	-1.29	-0.94	-0.95	-1.15	-1.48	-2.12	-2.28	-1.94	-0.94	-0.83	-1.27
BARRETT_IC_1 23704	33.27	30.69	28.93	28.09	28.81	29.46	38.40	42.76	41.19	36.70	35.78	38.18	39.22	43.09	44.76	48.73	55.93	68.36	71.13	62.94	53.56	45.69	39.78	35.73
	2.32	1.76	1.30	1.08	1.16	1.32	2.04	1.92	2.19	2.30	2.48	2.64	2.73	2.66	2.83	3.07	3.50	4.10	3.64	3.03	2.93	2.75	2.70	2.18
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.02	-0.58	-0.61	0.23	-0.29	-0.57	-1.86	-0.92	-1.12	-1.05	-1.17	-1.22	-0.54	-0.02	0.00	-0.02	-0.01
BARRETT_IC_10 23701	33.27	30.69	28.93	28.09	28.81	29.46	38.40	42.76	41.19	36.70	35.78	38.18	39.22	43.09	44.76	48.73	55.93	68.36	71.13	62.94	53.56	45.69	39.78	35.73
	2.32	1.76	1.30	1.08	1.16	1.32	2.04	1.92	2.19	2.30	2.48	2.64	2.73	2.66	2.83	3.07	3.50	4.10	3.64	3.03	2.93	2.75	2.70	2.18
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.02	-0.58	-0.61	0.23	-0.29	-0.57	-1.86	-0.92	-1.12	-1.05	-1.17	-1.22	-0.54	-0.02	0.00	-0.02	-0.01
BARRETT_IC_11 23702	33.27	30.69	28.93	28.09	28.81	29.46	38.40	42.76	41.19	36.70	35.78	38.18	39.22	43.09	44.76	48.73	55.93	68.36	71.13	62.94	53.56	45.69	39.78	35.73
	2.32	1.76	1.30	1.08	1.16	1.32	2.04	1.92	2.19	2.30	2.48	2.64	2.73	2.66	2.83	3.07	3.50	4.10	3.64	3.03	2.93	2.75	2.70	2.18
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.02	-0.58	-0.61	0.23	-0.29	-0.57	-1.86	-0.92	-1.12	-1.05	-1.17	-1.22	-0.54	-0.02	0.00	-0.02	-0.01
BARRETT_IC_12 23703	33.27	30.69	28.93	28.09	28.81	29.46	38.40	42.76	41.19	36.70	35.78	38.18	39.22	43.09	44.76	48.73	55.93	68.36	71.13	62.94	53.56	45.69	39.78	35.73
	2.32	1.76	1.30	1.08	1.16	1.32	2.04	1.92	2.19	2.30	2.48	2.64	2.73	2.66	2.83	3.07	3.50	4.10	3.64	3.03	2.93	2.75	2.70	2.18
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.02	-0.58	-0.61	0.23	-0.29	-0.57	-1.86	-0.92	-1.12	-1.05	-1.17	-1.22	-0.54	-0.02	0.00	-0.02	-0.01
BARRETT_IC_2 23705	33.27	30.69	28.93	28.09	28.81	29.46	38.40	42.76	41.19	36.70	35.78	38.18	39.22	43.09	44.76	48.73	55.93	68.36	71.13	62.94	53.56	45.69	39.78	35.73
	2.32	1.76	1.30	1.08	1.16	1.32	2.04	1.92	2.19	2.30	2.48	2.64	2.73	2.66	2.83	3.07	3.50	4.10	3.64	3.03	2.93	2.75	2.70	2.18
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.02	-0.58	-0.61	0.23	-0.29	-0.57	-1.86	-0.92	-1.12	-1.05	-1.17	-1.22	-0.54	-0.02	0.00	-0.02	-0.01
BARRETT_IC_3 23706	33.27	30.69	28.93	28.09	28.81	29.46	38.40	42.76	41.19	36.70	35.78	38.18	39.22	43.09	44.76	48.73	55.93	68.36	71.13	62.94	53.56	45.69	39.78	35.73
	2.32	1.76	1.30	1.08	1.16	1.32	2.04	1.92	2.19	2.30	2.48	2.64	2.73	2.66	2.83	3.07	3.50	4.10	3.64	3.03	2.93	2.75	2.70	2.18
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.02	-0.58	-0.61	0.23	-0.29	-0.57	-1.86	-0.92	-1.12	-1.05	-1.17	-1.22	-0.54	-0.02	0.00	-0.02	-0.01
BARRETT_IC_4 23707	33.27	30.69	28.93	28.09	28.81	29.46	38.40	42.76	41.19	36.70	35.78	38.18	39.22	43.09	44.76	48.73	55.93	68.36	71.13	62.94	53.56	45.69	39.78	35.73
	2.32	1.76	1.30	1.08	1.16	1.32	2.04	1.92	2.19	2.30	2.48	2.64	2.73	2.66	2.83	3.07	3.50	4.10	3.64	3.03	2.93	2.75	2.70	2.18
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.02	-0.58	-0.61	0.23	-0.29	-0.57	-1.86	-0.92	-1.12	-1.05	-1.17	-1.22	-0.54	-0.02	0.00	-0.02	-0.01
BARRETT_IC_5 23708	33.27	30.69	28.93	28.09	28.81	29.46	38.40	42.76	41.19	36.70	35.78	38.18	39.22	43.09	44.76	48.73	55.93	68.36	71.13	62.94	53.56	45.69	39.78	35.73
	2.32	1.76	1.30	1.08	1.16	1.32	2.04	1.92	2.19	2.30	2.48	2.64	2.73	2.66	2.83	3.07	3.50	4.10	3.64	3.03	2.93	2.75	2.70	2.18
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.02	-0.58	-0.61	0.23	-0.29	-0.57	-1.86	-0.92	-1.12	-1.05	-1.17	-1.22	-0.54	-0.02	0.00	-0.02	-0.01

BARRETT_IC_6 23709	33.27 2.32 -0.01	30.69 1.76 -0.01	28.93 1.30 -0.01	28.09 1.08 -0.01	28.81 1.16 -0.01	29.46 1.32 -0.01	38.40 2.04 0.00	42.76 1.92 -0.02	41.19 2.19 -0.58	36.70 2.30 -0.61	35.78 2.48 0.23	38.18 2.64 -0.29	39.22 2.73 -0.57	43.09 2.66 -1.86	44.76 2.83 -0.92	48.73 3.07 -1.12	55.93 3.50 -1.05	68.36 4.10 -1.17	71.13 3.64 -1.22	62.94 3.03 -0.54	53.56 2.93 -0.02	45.69 2.75 0.00	39.78 2.70 -0.02	35.73 2.18 -0.01
BARRETT_IC_7 23710	33.26 2.32 0.00	30.68 1.76 0.00	28.93 1.30 0.00	28.09 1.08 0.00	28.75 1.11 0.00	29.45 1.32 0.00	38.40 2.04 0.00	42.68 1.84 -0.02	41.18 2.15 -0.61	36.71 2.30 -0.62	35.83 2.52 0.22	38.16 2.61 -0.30	39.20 2.69 -0.58	43.08 2.62 -1.89	44.67 2.71 -0.95	48.63 2.94 -1.15	55.91 3.44 -1.09	68.28 3.98 -1.20	71.11 3.58 -1.26	62.72 2.79 -0.55	53.44 2.83 0.00	45.38 2.45 0.00	39.73 2.67 -0.01	35.72 2.18 0.00
BARRETT_IC_8 23711	33.27 2.32 -0.01	30.69 1.76 -0.01	28.93 1.30 -0.01	28.09 1.08 -0.01	28.81 1.16 -0.01	29.46 1.32 -0.01	38.40 2.04 0.00	42.76 1.92 -0.02	41.19 2.19 -0.58	36.70 2.30 -0.61	35.78 2.48 0.23	38.18 2.64 -0.29	39.22 2.73 -0.57	43.09 2.66 -1.86	44.76 2.83 -0.92	48.73 3.07 -1.12	55.93 3.50 -1.05	68.36 4.10 -1.17	71.13 3.64 -1.22	62.94 3.03 -0.54	53.56 2.93 -0.02	45.69 2.75 0.00	39.78 2.70 -0.02	35.73 2.18 -0.01
BARRETT_IC_9 23700	33.27 2.32 -0.01	30.69 1.76 -0.01	28.93 1.30 -0.01	28.09 1.08 -0.01	28.81 1.16 -0.01	29.46 1.32 -0.01	38.40 2.04 0.00	42.76 1.92 -0.02	41.19 2.19 -0.58	36.70 2.30 -0.61	35.78 2.48 0.23	38.18 2.64 -0.29	39.22 2.73 -0.57	43.09 2.66 -1.86	44.76 2.83 -0.92	48.73 3.07 -1.12	55.93 3.50 -1.05	68.36 4.10 -1.17	71.13 3.64 -1.22	62.94 3.03 -0.54	53.56 2.93 -0.02	45.69 2.75 0.00	39.78 2.70 -0.02	35.73 2.18 -0.01
BARRETT___1 23545	33.27 2.32 -0.01	30.69 1.76 -0.01	28.93 1.30 -0.01	28.09 1.08 -0.01	28.81 1.16 -0.01	29.46 1.32 -0.01	38.40 2.04 0.00	42.76 1.92 -0.02	41.19 2.19 -0.58	36.70 2.30 -0.61	35.78 2.48 0.23	38.18 2.64 -0.29	39.22 2.73 -0.57	43.09 2.66 -1.86	44.76 2.83 -0.92	48.73 3.07 -1.12	55.93 3.50 -1.05	68.36 4.10 -1.17	71.13 3.64 -1.22	62.94 3.03 -0.54	53.56 2.93 -0.02	45.69 2.75 0.00	39.78 2.70 -0.02	35.73 2.18 -0.01
BARRETT___2 23546	33.27 2.32 -0.01	30.69 1.76 -0.01	28.93 1.30 -0.01	28.09 1.08 -0.01	28.81 1.16 -0.01	29.46 1.32 -0.01	38.40 2.04 0.00	42.76 1.92 -0.02	41.19 2.19 -0.58	36.70 2.30 -0.61	35.78 2.48 0.23	38.18 2.64 -0.29	39.22 2.73 -0.57	43.09 2.66 -1.86	44.76 2.83 -0.92	48.73 3.07 -1.12	55.93 3.50 -1.05	68.36 4.10 -1.17	71.13 3.64 -1.22	62.94 3.03 -0.54	53.56 2.93 -0.02	45.69 2.75 0.00	39.78 2.70 -0.02	35.73 2.18 -0.01
BATAVIA__115KV_TB1 55881	31.03 0.09 0.00	29.75 0.84 0.00	27.96 0.33 0.00	27.19 0.19 0.00	27.76 0.11 0.00	28.60 0.48 0.00	36.07 -0.29 0.00	42.83 -0.57 -2.58	40.66 -0.27 -2.50	35.90 -0.20 -2.31	34.38 -0.47 -1.31	36.76 -0.49 -2.00	37.97 -0.40 -2.45	42.18 -0.08 -3.68	43.71 0.00 -2.70	46.69 -0.58 -2.73	54.21 -0.46 -3.28	67.00 -0.32 -4.21	72.54 0.27 -6.01	66.57 0.71 -6.49	56.84 0.71 -5.53	45.93 0.30 -2.70	39.60 0.19 -2.36	37.85 0.64 -3.67
BAYONEEC___CTG1 323682	32.98 2.04 0.00	30.50 1.59 0.00	28.95 1.33 0.00	28.14 1.13 0.00	28.89 1.25 0.00	29.42 1.29 0.00	38.36 2.00 0.00	42.82 2.12 0.12	41.04 2.03 -0.58	36.42 2.03 -0.60	35.57 2.28 0.25	38.13 2.61 -0.27	39.24 2.77 -0.55	42.23 2.97 -0.69	44.99 3.08 -0.90	48.98 3.34 -1.10	55.93 3.50 -1.05	68.36 4.10 -1.16	71.32 3.84 -1.21	63.11 3.20 -0.53	53.61 2.98 -0.02	45.56 2.62 0.00	39.46 2.41 0.00	35.25 1.71 0.00
BAYONEEC___CTG10 323750	32.98 2.04 0.00	30.50 1.59 0.00	28.95 1.33 0.00	28.14 1.13 0.00	28.89 1.25 0.00	29.42 1.29 0.00	38.36 2.00 0.00	42.82 2.12 0.12	41.04 2.03 -0.58	36.42 2.03 -0.60	35.57 2.28 0.25	38.13 2.61 -0.27	39.24 2.77 -0.55	42.23 2.97 -0.69	44.99 3.08 -0.90	48.98 3.34 -1.10	55.93 3.50 -1.05	68.36 4.10 -1.16	71.32 3.84 -1.21	63.11 3.20 -0.53	53.61 2.98 -0.02	45.56 2.62 0.00	39.46 2.41 0.00	35.25 1.71 0.00
BAYONEEC___CTG2 323683	32.98 2.04 0.00	30.50 1.59 0.00	28.95 1.33 0.00	28.14 1.13 0.00	28.89 1.25 0.00	29.42 1.29 0.00	38.36 2.00 0.00	42.82 2.12 0.12	41.04 2.03 -0.58	36.42 2.03 -0.60	35.57 2.28 0.25	38.13 2.61 -0.27	39.24 2.77 -0.55	42.23 2.97 -0.69	44.99 3.08 -0.90	48.98 3.34 -1.10	55.93 3.50 -1.05	68.36 4.10 -1.16	71.32 3.84 -1.21	63.11 3.20 -0.53	53.61 2.98 -0.02	45.56 2.62 0.00	39.46 2.41 0.00	35.25 1.71 0.00
BAYONEEC___CTG3 323684	32.98 2.04 0.00	30.50 1.59 0.00	28.95 1.33 0.00	28.14 1.13 0.00	28.89 1.25 0.00	29.42 1.29 0.00	38.36 2.00 0.00	42.82 2.12 0.12	41.04 2.03 -0.58	36.42 2.03 -0.60	35.57 2.28 0.25	38.13 2.61 -0.27	39.24 2.77 -0.55	42.23 2.97 -0.69	44.99 3.08 -0.90	48.98 3.34 -1.10	55.93 3.50 -1.05	68.36 4.10 -1.16	71.32 3.84 -1.21	63.11 3.20 -0.53	53.61 2.98 -0.02	45.56 2.62 0.00	39.46 2.41 0.00	35.25 1.71 0.00
BAYONEEC___CTG4 323685	32.98 2.04 0.00	30.50 1.59 0.00	28.95 1.33 0.00	28.14 1.13 0.00	28.89 1.25 0.00	29.42 1.29 0.00	38.36 2.00 0.00	42.82 2.12 0.12	41.04 2.03 -0.58	36.42 2.03 -0.60	35.57 2.28 0.25	38.13 2.61 -0.27	39.24 2.77 -0.55	42.23 2.97 -0.69	44.99 3.08 -0.90	48.98 3.34 -1.10	55.93 3.50 -1.05	68.36 4.10 -1.16	71.32 3.84 -1.21	63.11 3.20 -0.53	53.61 2.98 -0.02	45.56 2.62 0.00	39.46 2.41 0.00	35.25 1.71 0.00
BAYONEEC___CTG5 323686	32.98 2.04 0.00	30.50 1.59 0.00	28.95 1.33 0.00	28.14 1.13 0.00	28.89 1.25 0.00	29.42 1.29 0.00	38.36 2.00 0.00	42.82 2.12 0.12	41.04 2.03 -0.58	36.42 2.03 -0.60	35.57 2.28 0.25	38.13 2.61 -0.27	39.24 2.77 -0.55	42.23 2.97 -0.69	44.99 3.08 -0.90	48.98 3.34 -1.10	55.93 3.50 -1.05	68.36 4.10 -1.16	71.32 3.84 -1.21	63.11 3.20 -0.53	53.61 2.98 -0.02	45.56 2.62 0.00	39.46 2.41 0.00	35.25 1.71 0.00
BAYONEEC___CTG6 323687	32.98 2.04 0.00	30.50 1.59 0.00	28.95 1.33 0.00	28.14 1.13 0.00	28.89 1.25 0.00	29.42 1.29 0.00	38.36 2.00 0.00	42.82 2.12 0.12	41.04 2.03 -0.58	36.42 2.03 -0.60	35.57 2.28 0.25	38.13 2.61 -0.27	39.24 2.77 -0.55	42.23 2.97 -0.69	44.99 3.08 -0.90	48.98 3.34 -1.10	55.93 3.50 -1.05	68.36 4.10 -1.16	71.32 3.84 -1.21	63.11 3.20 -0.53	53.61 2.98 -0.02	45.56 2.62 0.00	39.46 2.41 0.00	35.25 1.71 0.00
BAYONEEC___CTG7 323688	32.98 2.04 0.00	30.50 1.59 0.00	28.95 1.33 0.00	28.14 1.13 0.00	28.89 1.25 0.00	29.42 1.29 0.00	38.36 2.00 0.00	42.82 2.12 0.12	41.04 2.03 -0.58	36.42 2.03 -0.60	35.57 2.28 0.25	38.13 2.61 -0.27	39.24 2.77 -0.55	42.23 2.97 -0.69	44.99 3.08 -0.90	48.98 3.34 -1.10	55.93 3.50 -1.05	68.36 4.10 -1.16	71.32 3.84 -1.21	63.11 3.20 -0.53	53.61 2.98 -0.02	45.56 2.62 0.00	39.46 2.41 0.00	35.25 1.71 0.00

BAYONEEC___CTG8 323689	32.98 2.04 0.00	30.50 1.59 0.00	28.95 1.33 0.00	28.14 1.13 0.00	28.89 1.25 0.00	29.42 1.29 0.00	38.36 2.00 0.00	42.82 2.12 0.12	41.04 2.03 -0.58	36.42 2.03 -0.60	35.57 2.28 0.25	38.13 2.61 -0.27	39.24 2.77 -0.55	42.23 2.97 -0.69	44.99 3.08 -0.90	48.98 3.34 -1.10	55.93 3.50 -1.05	68.36 4.10 -1.16	71.32 3.84 -1.21	63.11 3.20 -0.53	53.61 2.98 -0.02	45.56 2.62 0.00	39.46 2.41 0.00	35.25 1.71 0.00
BAYONEEC___CTG9 323749	32.98 2.04 0.00	30.50 1.59 0.00	28.95 1.33 0.00	28.14 1.13 0.00	28.89 1.25 0.00	29.42 1.29 0.00	38.36 2.00 0.00	42.82 2.12 0.12	41.04 2.03 -0.58	36.42 2.03 -0.60	35.57 2.28 0.25	38.13 2.61 -0.27	39.24 2.77 -0.55	42.23 2.97 -0.69	44.99 3.08 -0.90	48.98 3.34 -1.10	55.93 3.50 -1.05	68.36 4.10 -1.16	71.32 3.84 -1.21	63.11 3.20 -0.53	53.61 2.98 -0.02	45.56 2.62 0.00	39.46 2.41 0.00	35.25 1.71 0.00
BEACON___LESR 323632	31.62 0.68 0.00	29.49 0.58 0.00	28.23 0.61 0.00	27.63 0.62 0.00	28.34 0.69 0.00	28.77 0.65 0.00	37.23 0.87 0.00	41.80 0.98 0.00	38.68 0.69 0.44	33.92 0.57 0.45	33.34 0.50 0.70	35.25 0.53 0.53	35.98 0.47 0.41	38.49 0.43 0.51	40.87 0.53 0.68	44.42 0.71 0.83	51.37 0.77 0.78	63.24 1.01 0.87	66.36 1.00 0.91	59.87 0.89 0.40	51.50 0.91 0.01	43.71 0.77 0.00	37.30 0.63 0.39	34.21 0.67 0.00
BEAVER RIVER___HYD 24048	39.28 0.43 -7.91	37.70 0.67 -8.12	33.95 0.55 -5.77	33.48 0.54 -5.94	31.29 0.66 -2.99	38.46 0.79 -9.55	43.89 1.31 -6.22	48.88 1.63 -6.42	43.87 1.34 -4.10	42.41 0.78 -7.84	41.31 0.57 -7.21	43.20 0.60 -7.35	43.74 0.40 -7.42	46.44 0.50 -7.37	49.76 0.53 -8.21	54.12 0.80 -8.78	59.15 1.08 -6.69	67.87 1.83 -2.94	73.95 2.38 -5.30	66.50 2.31 -4.82	60.35 1.92 -7.82	49.00 1.41 -4.65	43.32 1.22 -5.05	41.34 1.11 -6.69
BEEBEE_GT_13 23619	30.66 -0.28 0.00	29.15 0.23 0.00	27.68 0.06 0.00	26.98 -0.03 0.00	27.54 -0.11 0.00	28.24 0.11 0.00	35.89 -0.47 0.00	42.73 -1.02 -2.93	40.30 -0.96 -2.84	35.61 -0.81 -2.63	34.47 -0.94 -1.88	36.71 -0.95 -2.41	37.80 -0.90 -2.78	42.02 -0.73 -4.18	43.38 -0.70 -3.06	46.48 -1.16 -3.10	53.88 -1.23 -3.73	66.43 -1.45 -4.78	71.89 -1.19 -6.81	66.02 -0.71 -7.36	56.32 -0.56 -6.28	45.35 -0.64 -3.06	39.11 -0.63 -2.68	37.40 -0.30 -4.16
BENSHRST_27_KV_BENSHRST_1 355998	33.45 2.51 -0.01	30.95 2.02 -0.01	29.31 1.69 0.00	28.46 1.46 0.00	29.17 1.52 0.00	29.73 1.60 0.00	38.80 2.44 0.00	43.94 2.61 -0.51	41.37 2.34 -0.61	36.81 2.40 -0.62	36.08 2.78 0.24	38.62 3.07 -0.31	39.70 3.20 -0.58	42.65 3.36 -0.72	45.37 3.40 -0.96	49.31 3.61 -1.16	56.59 4.11 -1.10	69.11 4.80 -1.22	72.10 4.57 -1.26	63.78 3.86 -0.55	54.20 3.59 0.00	45.86 2.92 0.00	39.95 2.89 0.00	35.80 2.25 -0.01
BETHLEHEM___GRP 23843	31.19 0.25 0.00	29.09 0.17 0.00	27.88 0.25 0.00	27.27 0.27 0.00	27.92 0.28 0.00	28.35 0.23 0.00	36.65 0.29 0.00	41.15 0.33 0.00	38.15 0.15 0.42	33.49 0.14 0.44	33.02 0.17 0.69	34.87 0.14 0.52	35.60 0.07 0.40	38.11 0.04 0.50	40.36 0.00 0.66	43.87 0.13 0.80	50.62 0.00 0.76	62.19 -0.06 0.84	65.19 -0.20 0.88	58.75 -0.24 0.38	50.60 0.00 0.00	42.94 0.00 0.00	36.78 0.07 0.35	33.68 0.13 0.00
BETHLEHEM___GS1 323560	31.19 0.25 0.00	29.09 0.17 0.00	27.88 0.25 0.00	27.27 0.27 0.00	27.98 0.33 0.00	28.35 0.22 0.00	36.65 0.29 0.00	41.14 0.33 0.00	38.21 0.19 0.41	33.51 0.14 0.42	32.99 0.13 0.68	34.88 0.14 0.51	35.65 0.11 0.38	38.13 0.04 0.48	40.47 0.08 0.63	43.95 0.18 0.77	50.65 0.00 0.73	62.29 0.00 0.81	65.29 -0.13 0.85	58.89 -0.12 0.37	50.64 0.05 0.01	43.02 0.09 0.00	36.75 0.04 0.35	33.68 0.13 0.00
BETHLEHEM___GS2 323561	31.19 0.25 0.00	29.09 0.17 0.00	27.88 0.25 0.00	27.27 0.27 0.00	27.98 0.33 0.00	28.35 0.22 0.00	36.65 0.29 0.00	41.14 0.33 0.00	38.21 0.19 0.41	33.51 0.14 0.42	32.99 0.13 0.68	34.88 0.14 0.51	35.65 0.11 0.38	38.13 0.04 0.48	40.47 0.08 0.63	43.95 0.18 0.77	50.65 0.00 0.73	62.29 0.00 0.81	65.29 -0.13 0.85	58.89 -0.12 0.37	50.64 0.05 0.01	43.02 0.09 0.00	36.75 0.04 0.35	33.68 0.13 0.00
BETHLEHEM___GS3 323562	31.19 0.25 0.00	29.09 0.17 0.00	27.88 0.25 0.00	27.27 0.27 0.00	27.98 0.33 0.00	28.35 0.22 0.00	36.65 0.29 0.00	41.14 0.33 0.00	38.21 0.19 0.41	33.51 0.14 0.42	32.99 0.13 0.68	34.88 0.14 0.51	35.65 0.11 0.38	38.13 0.04 0.48	40.47 0.08 0.63	43.95 0.18 0.77	50.65 0.00 0.73	62.29 0.00 0.81	65.29 -0.13 0.85	58.89 -0.12 0.37	50.64 0.05 0.01	43.02 0.09 0.00	36.75 0.04 0.35	33.68 0.13 0.00
BETHLEHEM___STEEL 23779	30.41 -0.53 0.00	29.23 0.32 0.00	27.63 0.00 0.00	26.87 -0.14 0.00	27.37 -0.28 0.00	28.27 0.14 0.00	35.45 -0.91 0.00	42.36 -0.65 -2.19	39.89 -0.65 -2.12	35.31 -0.44 -1.96	33.54 -0.67 -0.68	36.04 -0.74 -1.53	37.38 -0.61 -2.07	41.43 -0.27 -3.13	43.01 -0.29 -2.28	45.78 -1.07 -2.31	53.19 -0.98 -2.79	65.54 -1.14 -3.57	70.80 -0.60 -5.12	64.53 -0.36 -5.51	55.00 -0.30 -4.70	44.84 -0.39 -2.29	38.76 -0.30 -2.00	37.03 0.40 -3.09
BETHLHEM_115KV_TB1 79974	31.28 0.34 0.00	29.18 0.26 0.00	27.96 0.33 0.00	27.36 0.35 0.00	27.98 0.33 0.00	28.44 0.31 0.00	36.76 0.40 0.00	41.27 0.45 0.00	38.25 0.23 0.40	33.62 0.24 0.41	33.13 0.27 0.67	35.00 0.25 0.50	35.73 0.18 0.37	38.22 0.12 0.47	40.52 0.12 0.62	44.01 0.22 0.75	50.83 0.15 0.71	62.43 0.13 0.79	65.44 0.00 0.83	58.95 -0.06 0.36	50.76 0.15 0.00	43.07 0.13 0.00	36.88 0.15 0.32	33.78 0.23 0.00
BETHPAGE_CC_5 323564	33.29 2.35 0.00	30.68 1.76 0.00	28.90 1.27 0.00	28.06 1.05 0.00	28.81 1.16 0.00	29.42 1.29 0.00	38.22 1.85 0.00	42.68 1.84 -0.02	41.12 2.11 -0.58	36.56 2.16 -0.60	35.71 2.42 0.24	38.18 2.64 -0.29	39.25 2.77 -0.56	43.51 2.89 -2.04	44.88 2.95 -0.91	48.77 3.12 -1.11	55.87 3.44 -1.05	68.30 4.04 -1.16	70.99 3.51 -1.21	62.87 2.97 -0.53	53.45 2.83 -0.02	45.69 2.75 0.00	39.70 2.63 -0.01	35.72 2.18 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.41 -0.53 0.00	29.23 0.32 0.00	27.63 0.00 0.00	26.87 -0.14 0.00	27.37 -0.28 0.00	28.27 0.14 0.00	35.45 -0.91 0.00	42.61 -0.37 -2.15	40.16 -0.35 -2.09	35.55 -0.17 -1.93	33.71 -0.44 -0.62	36.28 -0.46 -1.49	37.60 -0.36 -2.04	41.69 0.04 -3.08	43.26 0.00 -2.25	46.10 -0.71 -2.27	53.51 -0.62 -2.74	65.98 -0.63 -3.52	71.18 -0.13 -5.04	64.85 0.06 -5.42	55.28 0.05 -4.62	45.10 -0.09 -2.25	38.99 -0.04 -1.97	37.22 0.64 -3.04
BINGHAMTON___COGEN 23790	31.09 0.15 0.00	29.20 0.29 0.00	27.88 0.25 0.00	27.27 0.27 0.00	27.87 0.22 0.00	28.41 0.28 0.00	36.54 0.18 0.00	40.62 0.45 0.65	38.06 0.27 0.63	33.44 0.24 0.58	29.73 0.13 3.94	33.55 0.14 1.84	35.52 0.22 0.62	37.99 0.35 0.93	40.74 0.41 0.68	44.16 0.31 0.69	51.07 0.51 0.83	62.67 0.63 1.06	65.62 0.86 1.51	58.63 0.89 1.63	50.07 0.86 1.39	42.99 0.73 0.68	37.02 0.56 0.60	33.22 0.60 0.93

BIXINCNT_115KV_LOAD 355685	30.41 -0.53 0.00	29.18 0.26 0.00	27.60 -0.03 0.00	26.87 -0.14 0.00	27.37 -0.28 0.00	28.29 0.17 0.00	35.63 -0.73 0.00	43.41 0.61 -1.98	40.84 0.50 -1.92	36.10 0.54 -1.77	34.12 0.27 -0.32	36.81 0.28 -1.28	38.19 0.40 -1.87	42.29 0.89 -2.83	44.02 0.94 -2.07	46.85 0.22 -2.09	54.42 0.51 -2.52	66.90 0.57 -3.23	71.96 1.06 -4.63	65.13 0.77 -4.98	55.41 0.56 -4.25	45.39 0.39 -2.07	39.31 0.44 -1.81	37.34 1.01 -2.79
BLACK RIVER___HYD 24047	37.14 0.74 -5.46	35.42 0.90 -5.60	32.35 0.75 -3.98	31.83 0.73 -4.10	30.59 0.88 -2.06	35.78 1.07 -6.59	42.36 1.71 -4.29	48.59 2.16 -5.61	44.15 1.73 -4.00	41.26 0.98 -6.49	40.01 0.74 -5.74	41.98 0.67 -6.06	42.61 0.43 -6.26	45.92 0.54 -6.80	48.59 0.65 -6.92	52.89 1.03 -7.33	58.96 1.44 -6.14	69.49 2.40 -3.99	75.84 3.12 -6.46	68.75 3.03 -6.35	61.21 2.63 -7.98	49.38 1.98 -4.46	43.23 1.59 -4.58	41.34 1.47 -6.33
BLACKRVR_115KV_TB2 79977	37.14 0.74 -5.46	35.41 0.90 -5.60	32.35 0.75 -3.98	31.83 0.73 -4.10	30.59 0.88 -2.06	35.78 1.07 -6.59	42.36 1.71 -4.29	48.60 2.16 -5.61	44.10 1.69 -3.98	41.25 0.98 -6.48	39.94 0.70 -5.71	41.96 0.67 -6.04	42.63 0.47 -6.24	45.89 0.54 -6.78	48.62 0.70 -6.90	52.92 1.07 -7.31	58.95 1.44 -6.12	69.46 2.40 -3.96	75.80 3.11 -6.42	68.77 3.09 -6.30	61.18 2.63 -7.94	49.40 2.02 -4.45	43.18 1.56 -4.57	41.32 1.48 -6.31
BLDWN_LI_69_KV_BK4 356085	33.41 2.48 0.00	30.79 1.88 0.00	29.04 1.41 0.00	28.19 1.19 0.00	28.83 1.19 0.00	29.56 1.43 0.00	38.51 2.15 0.00	42.88 2.04 -0.02	41.33 2.31 -0.61	36.81 2.40 -0.62	36.00 2.68 0.22	38.41 2.86 -0.31	39.45 2.95 -0.58	43.81 3.01 -2.23	45.04 3.08 -0.95	49.04 3.34 -1.16	56.38 3.91 -1.09	68.85 4.54 -1.20	71.70 4.17 -1.26	63.25 3.32 -0.55	53.89 3.29 0.00	45.73 2.79 0.00	39.96 2.89 -0.01	35.89 2.35 0.00
BLISS_WT_PWR 323608	30.41 -0.53 0.00	29.17 0.26 0.00	27.66 0.03 0.00	26.87 -0.13 0.00	27.42 -0.22 0.00	28.30 0.17 0.00	35.74 -0.62 0.00	43.61 0.82 -1.98	40.96 0.54 -2.00	36.35 0.71 -1.84	34.63 0.64 -0.46	36.95 0.32 -1.38	38.31 0.43 -1.95	42.40 0.89 -2.94	44.07 0.90 -2.15	47.03 0.31 -2.18	54.83 0.82 -2.62	67.16 0.70 -3.36	72.48 1.39 -4.82	65.28 0.72 -5.19	55.53 0.51 -4.42	45.13 0.04 -2.15	39.35 0.41 -1.88	37.42 0.97 -2.91
BLUESTONE___WT_PWR 323821	32.30 1.36 0.00	30.30 1.39 0.00	28.87 1.24 0.00	28.22 1.22 0.00	28.97 1.33 0.00	29.59 1.46 0.00	38.40 2.04 0.00	42.36 2.08 0.54	39.54 1.65 0.54	34.41 1.11 0.50	31.04 0.87 3.36	34.56 0.88 1.57	36.15 0.76 0.53	38.83 1.04 0.79	41.63 1.19 0.58	45.74 1.78 0.59	53.10 2.42 0.70	65.66 3.47 0.90	69.16 4.18 1.29	61.90 3.92 1.39	52.91 3.49 1.19	45.06 2.71 0.58	38.73 2.19 0.51	34.73 1.98 0.79
BLUE_CIRC_CHEM_DRP 24182	31.62 0.68 0.00	29.55 0.64 0.00	28.29 0.66 0.00	27.68 0.68 0.00	28.34 0.69 0.00	28.74 0.62 0.00	37.16 0.80 0.00	41.59 0.78 0.00	38.67 0.46 0.22	33.91 0.34 0.22	33.25 0.30 0.58	35.18 0.28 0.35	35.94 0.22 0.20	38.36 0.04 0.25	40.72 0.04 0.33	44.31 0.18 0.41	51.20 0.21 0.39	63.05 0.38 0.43	66.28 0.46 0.45	59.59 0.42 0.20	51.11 0.51 0.00	43.41 0.47 0.00	37.35 0.48 0.19	34.14 0.60 0.00
BOC_GAS_DRP 24189	31.53 0.59 0.00	29.41 0.49 0.00	28.12 0.50 0.00	27.52 0.51 0.00	28.17 0.53 0.00	28.60 0.48 0.00	37.02 0.65 0.00	41.47 0.65 0.00	38.67 0.50 0.25	34.00 0.47 0.26	33.48 0.54 0.59	35.40 0.53 0.38	36.22 0.54 0.24	38.74 0.46 0.30	41.07 0.45 0.39	44.59 0.53 0.48	51.44 0.51 0.46	63.16 0.57 0.51	66.20 0.46 0.53	59.50 0.36 0.23	51.11 0.51 0.00	43.41 0.47 0.00	37.32 0.44 0.18	33.98 0.44 0.00
BOONVILLE_115KV_TB1 79983	34.53 0.56 -3.03	32.73 0.69 -3.12	30.45 0.61 -2.21	29.88 0.59 -2.28	29.48 0.69 -1.15	32.58 0.79 -3.66	39.99 1.24 -2.39	44.84 1.51 -2.51	41.27 1.23 -1.62	37.66 0.81 -3.06	36.49 0.64 -2.32	38.60 0.67 -2.68	39.32 0.50 -2.89	42.08 0.62 -2.89	44.95 0.74 -3.20	48.94 0.98 -3.42	55.24 1.23 -2.62	66.12 1.83 -1.19	70.65 2.25 -2.13	63.46 2.14 -1.95	55.57 1.87 -3.09	46.18 1.42 -1.83	40.15 1.11 -1.98	37.21 1.04 -2.63
BORALEX_4TH_BRANCH 23824	32.55 1.61 0.00	30.30 1.39 0.00	28.90 1.27 0.00	28.22 1.22 0.00	28.97 1.33 0.00	29.48 1.35 0.00	38.40 2.04 0.00	42.82 2.00 0.00	38.73 1.61 1.30	33.87 1.42 1.34	33.80 1.44 1.18	35.51 1.52 1.25	36.24 1.54 1.23	38.78 1.74 1.53	40.72 1.72 2.01	44.04 1.96 2.46	51.41 2.36 2.33	63.41 2.90 2.59	66.48 2.92 2.71	60.75 2.55 1.18	52.93 2.33 0.00	44.96 2.02 0.00	39.47 1.82 -0.60	35.08 1.54 0.00
BOWLINE___1 23526	32.39 1.45 0.00	30.07 1.16 0.00	28.62 0.99 0.00	27.87 0.86 0.00	28.59 0.94 0.00	29.11 0.98 0.00	37.85 1.49 0.00	42.37 1.55 0.00	40.33 1.38 -0.53	35.76 1.42 -0.55	34.80 1.58 0.31	37.33 1.87 -0.22	38.43 2.01 -0.50	41.32 2.12 -0.62	44.05 2.21 -0.82	47.99 2.45 -1.00	54.96 2.62 -0.95	67.25 3.09 -1.06	70.22 2.85 -1.10	62.23 2.38 -0.48	52.90 2.28 -0.02	44.91 1.98 0.00	38.80 1.74 0.00	34.78 1.24 0.00
BOWLINE___2 23595	32.39 1.45 0.00	30.07 1.16 0.00	28.62 0.99 0.00	27.84 0.84 0.00	28.59 0.94 0.00	29.08 0.96 0.00	37.85 1.49 0.00	42.37 1.55 0.00	40.33 1.38 -0.53	35.72 1.39 -0.55	34.80 1.58 0.31	37.33 1.87 -0.22	38.40 1.97 -0.50	41.32 2.12 -0.62	44.05 2.21 -0.82	47.99 2.45 -1.00	54.90 2.57 -0.95	67.25 3.09 -1.06	70.22 2.85 -1.10	62.23 2.38 -0.48	52.90 2.28 -0.02	44.91 1.98 0.00	38.80 1.74 0.00	34.78 1.24 0.00
BRADY___115KV_TB2 356060	58.63 0.31 -27.39	57.33 0.29 -28.12	47.86 0.25 -19.98	47.81 0.24 -20.56	38.26 0.28 -10.34	61.53 0.34 -33.06	61.30 0.58 -24.35	62.01 0.61 -20.58	50.80 0.69 -11.69	60.89 0.44 -26.66	60.86 0.44 -26.89	61.31 0.42 -25.64	61.07 0.40 -24.75	61.41 0.42 -22.41	68.88 0.45 -27.41	74.72 0.58 -29.60	72.53 0.72 -20.43	68.37 1.14 -4.13	77.85 1.33 -10.26	68.13 1.25 -7.51	72.26 0.71 -20.95	56.97 0.56 -13.47	53.12 0.44 -15.61	53.74 0.40 -19.79
BRANSCOMB___SOLAR 323811	32.80 1.86 0.00	30.68 1.76 0.00	29.29 1.66 0.00	28.60 1.59 0.00	29.36 1.71 0.00	29.90 1.77 0.00	38.69 2.33 0.00	43.31 2.49 0.00	39.59 1.81 0.64	34.45 1.32 0.66	33.84 1.11 0.80	35.65 1.09 0.70	36.37 1.04 0.60	38.56 0.73 0.75	40.89 0.86 0.99	44.49 1.16 1.20	51.93 1.69 1.14	64.23 2.40 1.27	67.73 2.78 1.33	61.47 2.67 0.58	53.06 2.48 0.02	44.96 2.02 0.00	39.27 1.71 -0.50	35.52 1.98 0.00
BRDGHMPT_69_KV_BK1 55812	33.85 2.91 0.00	31.11 2.20 0.00	29.20 1.57 0.00	28.30 1.30 0.00	28.95 1.30 0.00	29.70 1.58 0.00	38.83 2.47 0.00	43.33 2.49 -0.02	41.87 2.84 -0.61	37.29 2.87 -0.62	36.63 3.32 0.23	39.01 3.45 -0.30	40.13 3.63 -0.58	44.37 3.93 -1.86	45.94 3.98 -0.95	49.92 4.23 -1.15	57.20 4.73 -1.09	69.73 5.43 -1.20	72.43 4.90 -1.26	63.84 3.92 -0.55	54.55 3.95 0.00	46.41 3.48 0.00	40.44 3.37 -0.01	36.39 2.85 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	33.82 2.88 0.00	31.14 2.23 0.00	29.29 1.66 0.00	28.38 1.38 0.00	29.06 1.41 0.00	29.81 1.69 0.00	38.98 2.62 0.00	43.45 2.61 -0.02	41.99 2.96 -0.61	37.36 2.94 -0.62	36.63 3.32 0.22	39.04 3.49 -0.30	40.17 3.66 -0.58	44.32 3.86 -1.89	45.90 3.94 -0.95	49.79 4.10 -1.15	56.94 4.47 -1.09	69.48 5.17 -1.20	72.30 4.77 -1.26	63.72 3.80 -0.55	54.60 4.00 0.00	46.41 3.48 0.00	40.59 3.52 -0.01	36.43 2.88 0.00
BRISTLHL_115KV_TB1 79998	31.17 -0.46 -0.70	29.25 -0.38 -0.71	27.78 -0.36 -0.51	27.18 -0.35 -0.52	27.52 -0.39 -0.26	28.63 -0.34 -0.84	36.40 -0.51 -0.55	45.00 -0.45 -4.63	42.26 -0.46 -4.29	37.65 -0.47 -4.33	36.57 -0.54 -3.57	38.80 -0.56 -4.12	39.85 -0.57 -4.50	44.43 -0.58 -6.43	45.40 -0.57 -4.96	48.89 -0.71 -5.06	56.41 -0.72 -5.75	69.09 -0.88 -6.87	75.44 -0.73 -9.90	69.45 -0.53 -10.61	59.53 -0.46 -9.38	47.20 -0.39 -4.65	40.81 -0.41 -4.16	39.66 -0.23 -6.35
BROOKHAVEN___DRP 24191	33.23 2.29 0.00	30.56 1.65 0.00	28.73 1.11 0.00	27.84 0.84 0.00	28.50 0.86 0.00	29.22 1.10 0.00	38.25 1.89 0.00	42.63 1.80 -0.02	41.22 2.19 -0.61	36.65 2.23 -0.62	35.93 2.62 0.23	38.20 2.64 -0.30	39.31 2.80 -0.58	43.41 2.97 -1.86	44.91 2.95 -0.95	48.81 3.12 -1.15	55.96 3.49 -1.09	68.22 3.91 -1.20	70.97 3.45 -1.26	62.54 2.61 -0.55	53.44 2.83 0.00	45.47 2.53 0.00	39.73 2.67 -0.01	35.75 2.21 0.00
BROOKLYN_NAVY_YARD 23515	32.98 2.04 0.00	30.50 1.59 0.00	28.95 1.33 0.00	28.11 1.11 0.00	28.86 1.22 0.00	29.42 1.29 0.00	38.40 2.04 0.00	43.00 2.16 -0.02	41.08 2.07 -0.58	36.45 2.06 -0.60	35.60 2.31 0.25	38.20 2.68 -0.27	39.31 2.84 -0.55	42.27 3.01 -0.69	45.07 3.16 -0.90	49.02 3.38 -1.10	56.03 3.60 -1.05	68.55 4.29 -1.16	71.52 4.04 -1.21	63.23 3.32 -0.53	53.71 3.09 -0.02	45.60 2.66 0.00	39.50 2.45 0.00	35.28 1.74 0.00
BROOKLYN___ARMY_DRP 323595	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.36 1.35 0.00	29.08 1.44 0.00	29.62 1.49 0.00	38.62 2.25 0.00	43.04 2.41 0.19	41.18 2.15 -0.61	36.65 2.23 -0.62	35.92 2.62 0.24	38.44 2.89 -0.30	39.52 3.02 -0.58	42.46 3.16 -0.72	45.16 3.20 -0.95	49.08 3.38 -1.16	56.28 3.80 -1.09	68.73 4.42 -1.21	71.70 4.17 -1.26	63.43 3.50 -0.55	53.89 3.29 0.00	45.64 2.71 0.00	39.76 2.71 0.00	35.63 2.08 -0.01
BROOME_2_LFGE 323671	31.09 0.16 0.00	29.20 0.29 0.00	27.88 0.25 0.00	27.27 0.27 0.00	27.87 0.22 0.00	28.41 0.28 0.00	36.54 0.18 0.00	40.62 0.45 0.65	38.04 0.27 0.65	33.43 0.24 0.60	29.76 0.20 3.98	33.53 0.14 1.86	35.50 0.22 0.64	38.00 0.39 0.96	40.72 0.41 0.70	44.18 0.35 0.71	51.15 0.62 0.85	62.70 0.70 1.09	65.71 1.00 1.55	58.64 0.95 1.68	50.08 0.91 1.43	42.92 0.68 0.70	37.00 0.56 0.61	33.19 0.60 0.96
BROOME___LFGE 323600	31.09 0.16 0.00	29.20 0.29 0.00	27.88 0.25 0.00	27.27 0.27 0.00	27.87 0.22 0.00	28.41 0.28 0.00	36.54 0.18 0.00	40.62 0.45 0.65	38.04 0.27 0.65	33.43 0.24 0.60	29.76 0.20 3.98	33.53 0.14 1.86	35.50 0.22 0.64	38.00 0.39 0.96	40.72 0.41 0.70	44.18 0.35 0.71	51.15 0.62 0.85	62.70 0.70 1.09	65.71 1.00 1.55	58.64 0.95 1.68	50.08 0.91 1.43	42.92 0.68 0.70	37.00 0.56 0.61	33.19 0.60 0.96
BROWNFLS_115KV_TB_3_5 80003	45.53 0.34 -14.25	44.02 0.46 -14.64	38.41 0.39 -10.40	38.08 0.38 -10.70	33.47 0.44 -5.38	45.87 0.53 -17.21	48.58 1.02 -11.20	52.35 1.22 -10.30	45.72 1.11 -6.19	47.48 0.68 -13.01	46.69 0.54 -12.61	48.19 0.56 -12.38	48.53 0.43 -12.18	50.58 0.50 -11.50	54.99 0.49 -13.48	59.75 0.71 -14.50	62.72 0.87 -10.46	67.94 1.58 -3.26	74.85 1.92 -6.66	66.77 1.84 -5.55	63.45 1.42 -11.43	51.04 1.03 -7.07	45.89 0.89 -7.95	44.64 0.80 -10.29
BROWNSV1_27_KV_LOAD 356125	33.26 2.32 0.00	30.77 1.85 0.00	29.20 1.57 0.00	28.36 1.35 0.00	29.06 1.41 0.00	29.67 1.55 0.00	38.69 2.33 0.00	43.35 2.53 0.00	41.41 2.38 -0.61	36.75 2.33 -0.62	35.98 2.68 0.24	38.50 2.96 -0.29	39.62 3.13 -0.57	42.60 3.32 -0.71	45.35 3.40 -0.94	49.38 3.70 -1.14	56.53 4.06 -1.09	69.04 4.73 -1.20	72.10 4.57 -1.26	63.66 3.74 -0.55	54.10 3.49 0.00	45.86 2.92 0.00	39.76 2.71 0.00	35.59 2.05 0.00
BURROWS___LYONSDAL 23803	35.46 0.53 -3.99	33.71 0.69 -4.10	31.15 0.61 -2.91	30.60 0.59 -3.00	29.84 0.69 -1.51	33.73 0.79 -4.82	40.78 1.27 -3.15	45.65 1.55 -3.28	41.80 1.27 -2.11	38.60 0.81 -4.00	37.45 0.64 -3.28	39.52 0.67 -3.60	40.21 0.50 -3.78	42.96 0.62 -3.77	45.90 0.70 -4.19	49.95 0.94 -4.48	55.99 1.18 -3.42	66.53 1.89 -1.54	71.34 2.32 -2.76	64.09 2.20 -2.52	56.55 1.92 -4.02	46.78 1.46 -2.38	40.79 1.15 -2.58	38.05 1.07 -3.43
CAITHNESS_CC_1 323624	33.23 2.29 0.00	30.53 1.62 0.00	28.73 1.11 0.00	27.84 0.84 0.00	28.56 0.91 0.00	29.22 1.10 0.00	38.25 1.89 0.00	42.76 1.92 -0.02	41.23 2.23 -0.58	36.62 2.23 -0.60	35.84 2.55 0.24	38.21 2.68 -0.28	39.28 2.80 -0.56	43.38 2.97 -1.84	44.96 3.04 -0.91	48.86 3.21 -1.11	55.93 3.50 -1.05	68.24 3.98 -1.16	70.86 3.38 -1.21	62.81 2.91 -0.53	53.51 2.88 -0.02	45.86 2.92 0.00	39.77 2.70 -0.01	35.72 2.18 0.00
CALPINE BETH_PAGE_GT4 24209	33.35 2.41 0.00	30.74 1.82 0.00	28.95 1.33 0.00	28.11 1.11 0.00	28.75 1.11 0.00	29.48 1.35 0.00	38.18 1.82 0.00	42.47 1.63 -0.02	41.03 2.00 -0.61	36.51 2.10 -0.62	35.76 2.45 0.22	38.13 2.57 -0.31	39.20 2.69 -0.58	43.47 2.74 -2.15	44.71 2.75 -0.95	48.63 2.94 -1.16	55.81 3.34 -1.09	68.15 3.85 -1.20	70.91 3.38 -1.26	62.54 2.61 -0.55	53.29 2.68 0.00	45.30 2.36 0.00	39.59 2.52 -0.01	35.69 2.15 0.00
CALPINE_BETH_PAGE_GT_4 323586	33.35 2.41 0.00	30.74 1.82 0.00	28.95 1.33 0.00	28.11 1.11 0.00	28.83 1.19 0.00	29.48 1.35 0.00	38.18 1.82 0.00	42.59 1.75 -0.02	41.04 2.03 -0.58	36.49 2.10 -0.60	35.64 2.35 0.24	38.14 2.61 -0.29	39.21 2.73 -0.56	43.52 2.81 -2.13	44.80 2.87 -0.91	48.72 3.07 -1.11	55.82 3.39 -1.05	68.24 3.98 -1.16	70.92 3.44 -1.21	62.81 2.91 -0.53	53.40 2.78 -0.02	45.64 2.71 0.00	39.62 2.55 -0.01	35.69 2.15 0.00
CALPINE_BP_GT1 23823	33.35 2.41 0.00	30.74 1.82 0.00	28.95 1.33 0.00	28.11 1.11 0.00	28.83 1.19 0.00	29.48 1.35 0.00	38.18 1.82 0.00	42.59 1.75 -0.02	41.04 2.03 -0.58	36.49 2.10 -0.60	35.64 2.35 0.24	38.14 2.61 -0.29	39.21 2.73 -0.56	43.52 2.81 -2.13	44.80 2.87 -0.91	48.72 3.07 -1.11	55.82 3.39 -1.05	68.24 3.98 -1.16	70.92 3.44 -1.21	62.81 2.91 -0.53	53.40 2.78 -0.02	45.64 2.71 0.00	39.62 2.55 -0.01	35.69 2.15 0.00
CALSPAN___DRP 24200	30.41 -0.53 0.00	29.23 0.32 0.00	27.63 0.00 0.00	26.87 -0.14 0.00	27.37 -0.28 0.00	28.27 0.14 0.00	35.45 -0.91 0.00	42.36 -0.65 -2.19	39.89 -0.65 -2.12	35.31 -0.44 -1.96	33.54 -0.67 -0.68	36.04 -0.74 -1.53	37.38 -0.61 -2.07	41.43 -0.27 -3.13	43.01 -0.29 -2.28	45.78 -1.07 -2.31	53.19 -0.98 -2.79	65.54 -1.14 -3.57	70.80 -0.60 -5.12	64.53 -0.36 -5.51	55.00 -0.30 -4.70	44.84 -0.39 -2.29	38.76 -0.30 -2.00	37.03 0.40 -3.09

CALVERTON___SOLAR 323806	33.29 2.35 0.00	30.62 1.71 0.00	28.76 1.13 0.00	27.87 0.86 0.00	28.61 0.97 0.00	29.28 1.15 0.00	38.29 1.93 0.00	42.84 2.00 -0.02	41.27 2.27 -0.58	36.69 2.30 -0.60	35.91 2.62 0.24	38.28 2.75 -0.28	39.39 2.91 -0.56	43.50 3.09 -1.84	45.08 3.16 -0.91	48.99 3.34 -1.11	56.13 3.70 -1.05	68.49 4.23 -1.16	71.12 3.64 -1.21	63.05 3.14 -0.53	53.71 3.09 -0.02	46.03 3.09 0.00	39.85 2.78 -0.01	35.79 2.25 0.00
CANDIGU_WT_PWR 323617	30.85 -0.09 0.00	29.29 0.37 0.00	27.82 0.19 0.00	27.14 0.14 0.00	27.70 0.06 0.00	28.41 0.28 0.00	36.18 -0.18 0.00	42.05 0.29 -0.94	39.18 -0.11 -0.88	34.50 -0.10 -0.81	31.78 -0.23 1.52	34.72 -0.49 0.03	36.42 -0.36 -0.86	39.75 -0.12 -1.29	41.83 -0.12 -0.94	45.05 -0.45 -0.95	52.48 -0.05 -1.15	64.51 -0.06 -1.48	69.19 0.80 -2.12	62.48 0.83 -2.28	53.20 0.66 -1.94	44.27 0.39 -0.94	38.25 0.37 -0.83	35.52 0.71 -1.27
CARR STREET_E_SYR 24060	31.22 -0.31 -0.59	29.29 -0.23 -0.61	27.81 -0.25 -0.43	27.23 -0.22 -0.45	27.62 -0.25 -0.22	28.65 -0.20 -0.72	36.36 -0.47 -0.47	41.19 -0.49 -0.86	38.12 -0.54 -0.23	33.81 -0.51 -0.53	29.95 -0.40 3.18	33.79 -0.60 0.86	35.84 -0.58 -0.49	38.51 -0.50 -0.44	41.07 -0.49 -0.54	44.54 -0.58 -0.58	51.22 -0.56 -0.40	62.49 -0.69 -0.08	65.87 -0.60 -0.20	59.11 -0.41 -0.15	50.72 -0.30 -0.41	42.86 -0.34 -0.26	36.99 -0.37 -0.31	33.70 -0.23 -0.39
CARTHAGE___PAPER 23857	37.90 0.56 -6.41	36.24 0.75 -6.58	32.94 0.64 -4.67	32.41 0.59 -4.81	30.81 0.75 -2.42	36.76 0.90 -7.73	42.93 1.53 -5.04	48.62 1.88 -5.93	44.00 1.54 -4.04	41.68 0.88 -7.01	40.48 0.64 -6.31	42.45 0.64 -6.56	43.06 0.43 -6.71	46.10 0.50 -7.02	49.01 0.57 -7.42	53.32 0.89 -7.89	58.97 1.23 -6.35	68.83 2.15 -3.58	75.00 2.72 -6.01	67.80 2.67 -5.75	60.80 2.28 -7.92	49.14 1.67 -4.54	43.23 1.41 -4.76	41.29 1.27 -6.47
CASSADAGA_WT_PWR 323784	30.85 -0.09 0.00	29.61 0.69 0.00	28.07 0.44 0.00	27.30 0.30 0.00	27.87 0.22 0.00	28.80 0.67 0.00	36.33 -0.04 0.00	43.96 1.14 -2.00	41.13 0.69 -2.02	36.57 0.91 -1.86	34.84 0.80 -0.50	37.29 0.64 -1.41	38.58 0.68 -1.97	42.75 1.20 -2.98	44.38 1.19 -2.17	47.32 0.58 -2.20	55.22 1.18 -2.65	67.64 1.14 -3.40	73.13 1.99 -4.88	66.10 1.48 -5.24	56.29 1.21 -4.47	45.67 0.56 -2.17	39.63 0.67 -1.90	37.52 1.04 -2.94
CE_DUNWOOD___DRP 24194	32.73 1.79 0.00	30.36 1.45 0.00	28.84 1.22 0.00	28.06 1.05 0.00	28.75 1.11 0.00	29.34 1.21 0.00	38.18 1.82 0.00	42.74 1.92 0.00	40.83 1.81 -0.60	36.21 1.79 -0.62	35.38 2.08 0.24	37.83 2.29 -0.29	38.93 2.44 -0.57	41.83 2.55 -0.71	44.57 2.62 -0.93	48.53 2.85 -1.14	55.55 3.08 -1.08	67.90 3.60 -1.20	70.97 3.45 -1.26	62.71 2.79 -0.55	53.29 2.68 0.00	45.17 2.23 0.00	39.13 2.08 0.00	35.08 1.54 0.00
CE_MILLWOOD___DRP 24193	32.67 1.73 0.00	30.30 1.39 0.00	28.79 1.16 0.00	28.03 1.03 0.00	28.72 1.08 0.00	29.28 1.15 0.00	38.11 1.75 0.00	42.66 1.84 0.00	40.72 1.69 -0.60	36.10 1.69 -0.62	35.28 1.98 0.24	37.73 2.19 -0.29	38.83 2.33 -0.57	41.71 2.43 -0.71	44.41 2.46 -0.93	48.40 2.72 -1.14	55.45 2.98 -1.08	67.77 3.47 -1.20	70.84 3.31 -1.25	62.59 2.67 -0.55	53.13 2.53 0.00	45.08 2.15 0.00	39.06 2.00 0.00	35.02 1.48 0.00
CE_NYC2_DRP 24202	33.11 2.17 0.00	30.65 1.73 0.00	29.06 1.44 0.00	28.25 1.24 0.00	28.95 1.30 0.00	29.53 1.41 0.00	38.43 2.07 0.00	43.15 2.16 -0.17	41.06 2.04 -0.61	36.48 2.06 -0.62	35.71 2.41 0.24	38.22 2.68 -0.29	39.33 2.84 -0.57	42.26 2.97 -0.71	44.94 2.99 -0.94	48.89 3.21 -1.14	56.02 3.55 -1.09	68.34 4.04 -1.20	71.30 3.78 -1.26	63.01 3.09 -0.55	53.54 2.94 0.00	45.38 2.45 0.00	39.54 2.48 0.00	35.42 1.88 0.00
CE_NYC_DRP 24195	33.04 2.10 0.00	30.56 1.65 0.00	29.01 1.38 0.00	28.19 1.19 0.00	28.89 1.24 0.00	29.48 1.35 0.00	38.43 2.07 0.00	43.04 2.20 -0.02	41.10 2.07 -0.61	36.51 2.10 -0.62	35.71 2.41 0.24	38.22 2.68 -0.29	39.33 2.84 -0.57	42.26 2.97 -0.71	45.03 3.08 -0.94	48.98 3.30 -1.14	56.07 3.60 -1.09	68.47 4.16 -1.20	71.50 3.98 -1.26	63.13 3.21 -0.55	53.64 3.04 0.00	45.51 2.58 0.00	39.50 2.45 0.00	35.35 1.81 0.00
CHAFFEE___LFGE 323603	30.41 -0.53 0.00	29.20 0.29 0.00	27.68 0.06 0.00	26.87 -0.13 0.00	27.45 -0.19 0.00	28.27 0.14 0.00	35.56 -0.80 0.00	42.70 -0.20 -2.08	40.08 -0.42 -2.08	35.64 -0.07 -1.92	34.01 -0.13 -0.60	36.24 -0.49 -1.48	37.52 -0.43 -2.03	41.60 -0.04 -3.06	43.13 -0.12 -2.24	46.05 -0.76 -2.26	53.81 -0.31 -2.73	66.03 -0.57 -3.50	71.49 0.20 -5.02	64.89 0.12 -5.40	55.31 0.10 -4.60	44.92 -0.26 -2.24	38.94 -0.07 -1.96	37.14 0.57 -3.03
CHATEAUG_35_KV_LOAD 355732	34.66 0.56 -3.17	32.66 0.49 -3.25	30.35 0.41 -2.31	29.82 0.43 -2.38	29.26 0.41 -1.20	32.46 0.51 -3.82	39.57 0.76 -2.45	43.66 0.78 -2.07	40.67 1.08 -1.17	37.38 0.91 -2.68	37.17 0.94 -2.70	38.74 0.92 -2.57	39.34 0.93 -2.49	41.79 0.96 -2.25	44.92 1.15 -2.75	48.80 1.29 -2.97	54.93 1.49 -2.05	65.60 2.08 -0.42	69.42 2.12 -1.03	62.03 1.90 -0.75	53.87 1.16 -2.10	45.28 0.99 -1.35	39.40 0.78 -1.57	36.17 0.64 -1.99
CHATEAUG_WT_PWR 323614	32.77 0.56 -1.27	30.71 0.49 -1.31	29.00 0.44 -0.93	28.42 0.46 -0.95	28.57 0.44 -0.48	30.19 0.53 -1.53	38.11 0.80 -0.95	42.48 0.86 -0.80	39.99 1.11 -0.46	35.81 0.98 -1.04	35.59 1.01 -1.05	37.27 1.02 -1.00	37.89 1.00 -0.97	40.45 1.00 -0.87	42.66 0.57 -1.07	46.09 0.40 -1.16	52.64 0.46 -0.80	64.02 0.76 -0.16	67.40 0.73 -0.40	60.26 0.59 -0.29	51.57 0.15 -0.82	43.80 0.34 -0.53	38.45 0.78 -0.61	34.98 0.67 -0.77
CHAT_HIGH_FALL_HYD 323578	34.66 0.56 -3.17	32.66 0.49 -3.25	30.35 0.41 -2.31	29.82 0.43 -2.38	29.26 0.41 -1.20	32.46 0.51 -3.82	39.57 0.76 -2.45	43.66 0.78 -2.07	40.67 1.08 -1.17	37.38 0.91 -2.68	37.17 0.94 -2.70	38.74 0.92 -2.57	39.34 0.93 -2.49	41.79 0.96 -2.25	44.92 1.15 -2.75	48.80 1.29 -2.97	54.93 1.49 -2.05	65.60 2.08 -0.42	69.42 2.12 -1.03	62.03 1.90 -0.75	53.87 1.16 -2.10	45.28 0.99 -1.35	39.40 0.78 -1.57	36.17 0.64 -1.99
CHAUTAUQUA___LFGE 323629	30.66 -0.28 0.00	29.44 0.52 0.00	27.88 0.25 0.00	27.11 0.11 0.00	27.70 0.06 0.00	28.57 0.45 0.00	36.00 -0.36 0.00	43.12 0.21 -2.10	40.39 -0.11 -2.08	35.92 0.20 -1.92	34.28 0.13 -0.61	36.59 -0.14 -1.48	37.88 -0.07 -2.03	41.99 0.35 -3.07	43.54 0.29 -2.24	46.54 -0.27 -2.27	54.38 0.26 -2.73	66.73 0.13 -3.51	72.22 0.93 -5.03	65.43 0.65 -5.41	55.77 0.56 -4.61	45.22 0.04 -2.24	39.20 0.19 -1.96	37.24 0.67 -3.03
CHERRYST_13_KV_LD 356241	33.14 2.20 0.00	30.65 1.73 0.00	29.09 1.46 0.00	28.27 1.27 0.00	28.97 1.33 0.00	29.56 1.43 0.00	38.54 2.18 0.00	43.20 2.37 -0.02	41.26 2.23 -0.61	36.65 2.23 -0.62	35.85 2.55 0.24	38.36 2.82 -0.29	39.47 2.98 -0.57	42.45 3.16 -0.71	45.19 3.24 -0.94	49.20 3.52 -1.14	56.32 3.85 -1.09	68.72 4.42 -1.20	71.77 4.24 -1.26	63.37 3.44 -0.55	53.84 3.24 0.00	45.64 2.71 0.00	39.61 2.56 0.00	35.45 1.91 0.00

CHESTROR_138KV_BK263 355645	32.18 1.24 0.00	29.93 1.01 0.00	28.48 0.86 0.00	27.76 0.76 0.00	28.45 0.80 0.00	28.97 0.84 0.00	37.63 1.27 0.00	42.13 1.31 0.00	40.04 1.11 -0.50	35.42 1.12 -0.51	34.52 1.34 0.35	36.91 1.48 -0.18	37.97 1.58 -0.47	40.82 1.66 -0.59	43.51 1.72 -0.77	47.40 1.92 -0.94	54.39 2.11 -0.90	66.55 2.46 -0.99	69.69 2.39 -1.04	61.73 1.90 -0.45	52.48 1.87 0.00	44.53 1.59 0.00	38.50 1.45 0.00	34.61 1.07 0.00
CH_MIDHUDSON___DRP 24192	32.58 1.64 0.00	30.22 1.30 0.00	28.76 1.13 0.00	28.00 1.00 0.00	28.70 1.05 0.00	29.22 1.10 0.00	38.03 1.67 0.00	42.49 1.67 0.00	40.32 1.50 -0.40	35.69 1.49 -0.41	34.90 1.71 0.34	37.20 1.83 -0.12	38.24 1.94 -0.37	41.05 2.01 -0.47	43.72 2.09 -0.61	47.60 2.32 -0.75	54.66 2.57 -0.71	66.98 3.09 -0.79	70.01 2.92 -0.82	62.17 2.43 -0.36	52.93 2.33 0.00	44.91 1.98 0.00	38.84 1.78 0.00	34.88 1.34 0.00
CH_MISC_IPPS 23765	32.67 1.73 0.00	30.33 1.42 0.00	28.84 1.21 0.00	28.09 1.08 0.00	28.83 1.19 0.00	29.31 1.18 0.00	38.18 1.82 0.00	42.66 1.84 0.00	40.51 1.65 -0.43	35.79 1.56 -0.45	34.90 1.71 0.34	37.33 1.94 -0.15	38.41 2.08 -0.41	41.28 2.20 -0.51	44.02 2.34 -0.67	47.99 2.63 -0.82	55.04 2.88 -0.78	67.49 3.53 -0.86	70.55 3.38 -0.90	62.68 2.91 -0.39	53.30 2.68 -0.01	45.25 2.32 0.00	39.06 2.00 0.00	35.05 1.51 0.00
CH_RES_BVR_FALLS 23983	30.51 -0.03 0.40	28.48 -0.03 0.41	27.31 -0.03 0.29	26.70 0.00 0.30	27.49 0.00 0.15	27.64 0.00 0.48	35.72 -0.07 0.57	40.22 -0.12 0.48	38.11 -0.04 0.27	33.13 -0.03 0.62	32.87 -0.03 0.63	34.61 -0.04 0.60	35.31 -0.04 0.58	38.01 -0.04 0.52	40.29 -0.08 0.64	43.76 -0.09 0.69	50.80 -0.10 0.48	62.88 -0.13 0.10	65.90 -0.13 0.24	59.02 -0.18 0.18	49.81 -0.30 0.49	42.41 -0.21 0.32	36.51 -0.18 0.37	32.94 -0.13 0.46
CH_RES_NIAGARA 23895	29.61 -1.33 0.00	28.57 -0.35 0.00	27.49 -0.14 0.00	26.73 -0.27 0.00	27.20 -0.44 0.00	28.10 -0.03 0.00	34.36 -2.00 0.00	40.63 -2.61 -2.43	38.54 -2.23 -2.35	34.27 -1.69 -2.17	32.66 -1.95 -1.07	34.88 -2.19 -1.82	36.10 -2.12 -2.30	40.03 -2.01 -3.46	41.37 -2.17 -2.53	43.80 -3.30 -2.56	50.82 -3.65 -3.09	62.38 -4.67 -3.95	67.45 -4.44 -5.62	61.84 -3.62 -6.09	52.81 -2.99 -5.19	43.28 -2.19 -2.53	37.53 -1.74 -2.22	36.33 -0.64 -3.43
CH_RES_SYRACUSE 23985	31.29 -0.15 -0.51	29.35 -0.09 -0.52	27.89 -0.11 -0.37	27.33 -0.05 -0.38	27.73 -0.11 -0.19	28.66 -0.08 -0.61	36.59 -0.18 -0.40	42.80 -0.08 -2.06	40.10 -0.15 -1.83	35.55 -0.20 -1.96	32.62 -0.20 0.72	35.92 -0.32 -0.99	37.65 -0.29 -2.02	41.17 -0.19 -2.78	43.12 -0.12 -2.22	46.64 -0.18 -2.28	53.82 -0.05 -2.49	65.79 -0.13 -2.82	70.43 0.07 -4.10	63.92 0.18 -4.36	54.77 0.20 -3.97	45.01 0.09 -1.99	38.86 0.00 -1.81	36.37 0.10 -2.73
CLINTON_WT_PWR 323605	32.77 0.56 -1.27	30.71 0.49 -1.31	29.00 0.44 -0.93	28.42 0.46 -0.95	28.57 0.44 -0.48	30.19 0.53 -1.53	38.11 0.80 -0.95	42.48 0.86 -0.80	39.99 1.11 -0.46	35.81 0.98 -1.04	35.59 1.01 -1.05	37.27 1.02 -1.00	37.89 1.00 -0.97	40.45 1.00 -0.87	42.66 0.57 -1.07	46.09 0.40 -1.16	52.64 0.46 -0.80	64.02 0.76 -0.16	67.40 0.73 -0.40	60.26 0.59 -0.29	51.57 0.15 -0.82	43.80 0.34 -0.53	38.45 0.78 -0.61	34.98 0.67 -0.77
CLINTON___LFGE 323618	34.05 1.18 -1.93	32.00 1.10 -1.99	30.03 0.99 -1.41	29.43 0.97 -1.45	29.34 0.97 -0.73	31.59 1.13 -2.33	39.43 1.60 -1.47	43.70 1.63 -1.24	41.09 1.96 -0.71	37.13 1.72 -1.61	36.87 1.71 -1.63	38.56 1.76 -1.55	39.18 1.76 -1.50	41.74 1.81 -1.35	43.78 1.11 -1.66	47.22 0.89 -1.79	53.70 1.08 -1.23	65.05 1.70 -0.25	68.55 1.66 -0.62	61.25 1.42 -0.45	52.63 0.76 -1.27	44.74 0.99 -0.81	39.59 1.59 -0.94	36.11 1.38 -1.20
COBBLENY_34_KV_TB1 80064	30.41 -0.53 0.00	29.20 0.29 0.00	27.63 0.00 0.00	26.87 -0.14 0.00	27.37 -0.28 0.00	28.27 0.14 0.00	35.49 -0.87 0.00	42.54 -0.37 -2.08	40.06 -0.38 -2.02	35.42 -0.24 -1.86	33.53 -0.50 -0.50	36.13 -0.53 -1.41	37.46 -0.43 -1.97	41.51 -0.04 -2.98	43.15 -0.04 -2.17	45.98 -0.76 -2.20	53.42 -0.62 -2.65	65.81 -0.69 -3.40	71.01 -0.13 -4.88	64.68 0.06 -5.24	55.13 0.05 -4.47	44.98 -0.13 -2.18	38.89 -0.07 -1.90	37.05 0.57 -2.94
COFFEEN___115KV_TB3 355620	37.09 0.87 -5.29	35.39 1.04 -5.43	32.34 0.86 -3.86	31.78 0.81 -3.97	30.64 1.00 -2.00	35.72 1.21 -6.38	42.45 1.93 -4.16	48.79 2.41 -5.56	44.28 1.88 -3.97	41.29 1.12 -6.38	39.94 0.80 -5.60	41.97 0.78 -5.95	42.59 0.50 -6.16	45.93 0.62 -6.74	48.61 0.78 -6.81	52.95 1.20 -7.21	59.06 1.59 -6.08	69.85 2.71 -4.03	76.28 3.51 -6.50	69.22 3.44 -6.40	61.54 2.99 -7.95	49.65 2.28 -4.43	43.33 1.74 -4.53	41.46 1.64 -6.28
COLDSPRG_115KV_BK1 355956	30.78 -0.15 0.00	29.52 0.61 0.00	27.93 0.30 0.00	27.22 0.22 0.00	27.73 0.08 0.00	28.72 0.59 0.00	36.22 -0.15 0.00	44.33 1.63 -1.88	41.59 1.34 -1.82	36.75 1.28 -1.68	34.69 1.01 -0.15	37.53 1.13 -1.16	38.96 1.26 -1.78	43.07 1.81 -2.68	44.86 1.89 -1.96	47.63 1.11 -1.98	55.32 1.54 -2.39	67.99 1.83 -3.07	73.11 2.45 -4.39	66.36 2.26 -4.73	56.51 1.87 -4.03	46.44 1.55 -1.96	40.07 1.30 -1.72	37.77 1.58 -2.65
COLONIE_LFGE___ 323577	32.18 1.24 0.00	30.01 1.10 0.00	28.68 1.05 0.00	28.03 1.03 0.00	28.75 1.11 0.00	29.22 1.10 0.00	37.89 1.53 0.00	42.41 1.59 0.00	38.93 1.23 0.72	34.06 1.01 0.74	33.60 0.91 0.84	35.47 0.99 0.77	36.21 0.97 0.68	38.69 0.96 0.85	40.96 1.06 1.11	44.42 1.25 1.36	51.63 1.54 1.29	63.68 2.02 1.43	66.83 2.06 1.50	60.56 1.84 0.65	52.35 1.77 0.02	44.44 1.50 0.00	39.08 1.26 -0.77	34.75 1.21 0.00
COOPERNY_115KV_TB1 80082	31.84 0.90 0.00	29.64 0.72 0.00	28.26 0.64 0.00	27.60 0.59 0.00	28.25 0.61 0.00	28.74 0.62 0.00	37.27 0.91 0.00	41.80 0.98 0.00	39.56 0.81 -0.34	34.95 0.81 -0.35	33.91 0.94 0.56	36.31 1.06 0.00	37.35 1.11 -0.32	40.16 1.20 -0.39	42.76 1.23 -0.52	46.51 1.34 -0.63	53.48 1.49 -0.60	65.47 1.70 -0.67	68.62 1.66 -0.70	61.04 1.37 -0.30	51.97 1.37 0.00	44.10 1.16 0.00	38.09 1.04 0.00	34.31 0.77 0.00
COPENHAGEN_WT_PWR 323753	36.55 0.62 -4.99	34.82 0.78 -5.12	31.90 0.64 -3.64	31.34 0.59 -3.75	30.28 0.75 -1.88	35.08 0.93 -6.02	41.78 1.49 -3.92	48.16 1.88 -5.46	43.90 1.50 -3.98	40.87 0.85 -6.23	39.60 0.60 -5.46	41.59 0.53 -5.82	42.28 0.32 -6.04	45.69 0.43 -6.69	48.19 0.49 -6.68	52.44 0.84 -7.06	58.61 1.18 -6.04	69.31 2.02 -4.19	75.60 2.65 -6.68	68.62 2.61 -6.64	60.89 2.28 -8.01	49.09 1.72 -4.43	42.96 1.41 -4.50	41.11 1.31 -6.26
CORNELL_____ 23752	31.43 0.50 0.00	29.46 0.55 0.00	28.12 0.50 0.00	27.52 0.51 0.00	28.12 0.47 0.00	28.69 0.56 0.00	37.05 0.69 0.00	41.68 0.86 0.00	39.08 0.65 0.00	34.20 0.41 0.00	30.08 0.23 3.69	34.10 0.21 1.36	36.21 0.29 0.00	39.00 0.42 0.00	41.55 0.53 0.00	45.16 0.62 0.00	52.36 0.98 0.00	64.49 1.39 0.00	68.13 1.86 -0.01	61.22 1.84 -0.01	52.18 1.57 -0.01	44.23 1.29 0.00	38.02 0.96 0.00	34.51 0.97 0.00

CORONA V_69_KV_TB1 355595	33.48 2.54 0.00	30.85 1.94 0.00	29.12 1.49 0.00	28.25 1.24 0.00	28.92 1.27 0.00	29.62 1.49 0.00	38.62 2.25 0.00	43.00 2.16 -0.02	41.45 2.42 -0.61	36.92 2.50 -0.62	36.07 2.75 0.22	38.49 2.93 -0.31	39.53 3.02 -0.59	44.41 3.09 -2.75	45.13 3.16 -0.95	49.17 3.47 -1.16	56.48 4.01 -1.09	68.97 4.67 -1.20	71.90 4.37 -1.26	63.43 3.50 -0.55	53.99 3.39 0.00	45.86 2.92 0.00	40.04 2.96 -0.02	35.92 2.38 0.00
CORTLAND_115KV_TB3 80093	31.16 0.22 0.00	29.23 0.32 0.00	27.90 0.28 0.00	27.30 0.30 0.00	27.89 0.25 0.00	28.44 0.31 0.00	36.65 0.29 0.00	40.33 0.49 0.98	37.82 0.35 0.95	33.12 0.20 0.88	28.47 0.10 5.17	32.83 0.07 2.48	35.14 0.14 0.93	37.45 0.27 1.40	40.32 0.33 1.02	43.82 0.31 1.03	50.65 0.51 1.24	62.26 0.76 1.60	64.99 0.99 2.27	57.99 1.07 2.46	49.47 0.96 2.10	42.69 0.77 1.02	36.72 0.56 0.90	32.75 0.60 1.39
COXSACKIE__GT 23611	32.46 1.52 0.00	30.33 1.42 0.00	28.93 1.30 0.00	28.27 1.27 0.00	29.03 1.38 0.00	29.42 1.29 0.00	38.25 1.89 0.00	42.90 2.08 0.00	40.15 1.73 0.00	35.04 1.25 0.00	34.09 1.04 0.49	36.05 0.99 0.18	36.97 1.04 0.00	39.35 0.77 0.00	42.08 1.06 0.00	46.19 1.65 0.00	53.59 2.21 0.00	66.44 3.34 0.00	70.04 3.78 0.00	62.88 3.50 0.00	53.08 2.48 0.00	45.08 2.15 0.00	38.56 1.67 0.16	35.38 1.84 0.00
CPV_VALLEY__CC1 323721	31.96 1.02 0.00	29.72 0.81 0.00	28.32 0.69 0.00	27.60 0.59 0.00	28.31 0.66 0.00	28.80 0.67 0.00	37.38 1.02 0.00	41.88 1.06 0.00	39.73 0.88 -0.43	35.14 0.91 -0.44	34.14 1.04 0.44	36.62 1.27 -0.11	37.69 1.36 -0.40	40.50 1.43 -0.50	43.19 1.52 -0.66	47.04 1.69 -0.81	53.90 1.75 -0.77	66.03 2.08 -0.85	69.08 1.92 -0.89	61.37 1.60 -0.39	52.19 1.57 -0.01	44.31 1.37 0.00	38.28 1.22 0.00	34.38 0.84 0.00
CPV_VALLEY__CC2 323722	31.96 1.02 0.00	29.72 0.81 0.00	28.32 0.69 0.00	27.60 0.59 0.00	28.31 0.66 0.00	28.80 0.67 0.00	37.38 1.02 0.00	41.88 1.06 0.00	39.73 0.88 -0.43	35.14 0.91 -0.44	34.14 1.04 0.44	36.62 1.27 -0.11	37.69 1.36 -0.40	40.50 1.43 -0.50	43.19 1.52 -0.66	47.04 1.69 -0.81	53.90 1.75 -0.77	66.03 2.08 -0.85	69.08 1.92 -0.89	61.37 1.60 -0.39	52.19 1.57 -0.01	44.31 1.37 0.00	38.28 1.22 0.00	34.38 0.84 0.00
CRESCENT__HYD 24018	32.18 1.24 0.00	30.01 1.10 0.00	28.68 1.05 0.00	28.03 1.03 0.00	28.75 1.11 0.00	29.22 1.10 0.00	37.89 1.53 0.00	42.41 1.59 0.00	38.93 1.23 0.72	34.06 1.01 0.74	33.60 0.91 0.84	35.47 0.99 0.77	36.21 0.97 0.68	38.69 0.96 0.85	40.96 1.06 1.11	44.42 1.25 1.36	51.63 1.54 1.29	63.68 2.02 1.43	66.83 2.06 1.50	60.56 1.84 0.65	52.35 1.77 0.02	44.44 1.50 0.00	39.08 1.26 -0.77	34.75 1.21 0.00
CRICKET__VALLEY_CC1 323756	32.18 1.24 0.00	29.87 0.95 0.00	28.46 0.83 0.00	27.76 0.76 0.00	28.50 0.86 0.00	28.91 0.79 0.00	37.60 1.24 0.00	42.00 1.18 0.00	30.48 1.00 8.94	25.59 1.01 9.21	29.18 1.17 5.53	28.99 1.41 7.67	28.98 1.47 8.42	29.61 1.54 10.51	28.84 1.64 13.82	29.43 1.78 16.89	37.20 1.85 16.03	47.52 2.21 17.79	49.61 1.92 18.58	52.86 1.60 8.12	51.93 1.62 0.29	44.35 1.41 0.00	38.32 1.26 0.00	34.41 0.87 0.00
CRICKET__VALLEY_CC2 323757	32.18 1.24 0.00	29.87 0.95 0.00	28.46 0.83 0.00	27.76 0.76 0.00	28.50 0.86 0.00	28.91 0.79 0.00	37.60 1.24 0.00	42.00 1.18 0.00	30.48 1.00 8.94	25.59 1.01 9.21	29.18 1.17 5.53	28.99 1.41 7.67	28.98 1.47 8.42	29.61 1.54 10.51	28.84 1.64 13.82	29.43 1.78 16.89	37.20 1.85 16.03	47.52 2.21 17.79	49.61 1.92 18.58	52.86 1.60 8.12	51.93 1.62 0.29	44.35 1.41 0.00	38.32 1.26 0.00	34.41 0.87 0.00
CRICKET__VALLEY_CC3 323758	32.18 1.24 0.00	29.87 0.95 0.00	28.46 0.83 0.00	27.76 0.76 0.00	28.50 0.86 0.00	28.91 0.79 0.00	37.60 1.24 0.00	42.00 1.18 0.00	30.48 1.00 8.94	25.59 1.01 9.21	29.18 1.17 5.53	28.99 1.41 7.67	28.98 1.47 8.42	29.61 1.54 10.51	28.84 1.64 13.82	29.43 1.78 16.89	37.20 1.85 16.03	47.52 2.21 17.79	49.61 1.92 18.58	52.86 1.60 8.12	51.93 1.62 0.29	44.35 1.41 0.00	38.32 1.26 0.00	34.41 0.87 0.00
CRUCIBLE_METL_DRP 24180	31.29 -0.15 -0.51	29.35 -0.09 -0.52	27.89 -0.11 -0.37	27.33 -0.05 -0.38	27.73 -0.11 -0.19	28.66 -0.08 -0.61	36.58 -0.18 -0.40	42.84 -0.04 -2.06	40.17 -0.12 -1.86	35.61 -0.17 -1.98	32.64 -0.23 0.66	35.99 -0.28 -1.03	37.71 -0.25 -2.04	41.20 -0.19 -2.82	43.14 -0.12 -2.25	46.62 -0.22 -2.31	53.75 -0.15 -2.52	65.77 -0.19 -2.86	70.43 0.00 -4.16	63.92 0.12 -4.43	54.78 0.15 -4.02	45.08 0.13 -2.02	38.89 0.00 -1.83	36.41 0.10 -2.77
DAHOWA__HYDRO 323763	33.01 2.07 0.00	30.91 1.99 0.00	29.48 1.85 0.00	28.79 1.78 0.00	29.58 1.93 0.00	30.12 2.00 0.00	38.98 2.62 0.00	43.63 2.81 0.00	39.87 2.07 0.62	34.67 1.52 0.64	33.99 1.24 0.79	35.83 1.27 0.68	36.52 1.18 0.59	38.61 0.77 0.73	40.95 0.90 0.96	44.61 1.25 1.17	52.12 1.85 1.12	64.51 2.65 1.24	68.09 3.12 1.29	61.78 2.97 0.56	53.31 2.73 0.02	45.13 2.19 0.00	39.35 1.82 -0.47	35.79 2.25 0.00
DANC__LFGE 323619	34.48 0.19 -3.35	32.68 0.32 -3.44	30.29 0.22 -2.45	29.74 0.22 -2.52	29.22 0.30 -1.27	32.60 0.42 -4.05	39.73 0.73 -2.64	46.72 0.98 -4.92	43.06 0.73 -3.91	39.43 0.30 -5.33	38.18 0.17 -4.47	40.28 0.07 -4.96	41.12 -0.07 -5.27	44.85 -0.04 -6.32	46.87 0.04 -5.82	50.85 0.22 -6.09	57.47 0.41 -5.68	68.75 0.76 -4.89	74.91 1.19 -7.45	68.28 1.25 -7.66	59.82 1.11 -8.11	48.06 0.81 -4.31	41.91 0.67 -4.19	40.23 0.67 -6.01
DANSKAMMER__1 23586	32.67 1.73 0.00	30.33 1.42 0.00	28.84 1.21 0.00	28.09 1.08 0.00	28.83 1.19 0.00	29.31 1.18 0.00	38.18 1.82 0.00	42.66 1.84 0.00	40.51 1.65 -0.43	35.79 1.56 -0.45	34.90 1.71 0.34	37.33 1.94 -0.15	38.41 2.08 -0.41	41.28 2.20 -0.51	44.02 2.34 -0.67	47.99 2.63 -0.82	55.04 2.88 -0.78	67.49 3.53 -0.86	70.55 3.38 -0.90	62.68 2.91 -0.39	53.30 2.68 -0.01	45.25 2.32 0.00	39.06 2.00 0.00	35.05 1.51 0.00
DANSKAMMER__2 23589	32.67 1.73 0.00	30.33 1.42 0.00	28.84 1.21 0.00	28.09 1.08 0.00	28.83 1.19 0.00	29.31 1.18 0.00	38.18 1.82 0.00	42.66 1.84 0.00	40.51 1.65 -0.43	35.79 1.56 -0.45	34.90 1.71 0.34	37.33 1.94 -0.15	38.41 2.08 -0.41	41.28 2.20 -0.51	44.02 2.34 -0.67	47.99 2.63 -0.82	55.04 2.88 -0.78	67.49 3.53 -0.86	70.55 3.38 -0.90	62.68 2.91 -0.39	53.30 2.68 -0.01	45.25 2.32 0.00	39.06 2.00 0.00	35.05 1.51 0.00
DANSKAMMER__3 23590	32.67 1.73 0.00	30.33 1.42 0.00	28.84 1.21 0.00	28.09 1.08 0.00	28.83 1.19 0.00	29.31 1.18 0.00	38.18 1.82 0.00	42.66 1.84 0.00	40.51 1.65 -0.43	35.79 1.56 -0.45	34.90 1.71 0.34	37.33 1.94 -0.15	38.41 2.08 -0.41	41.28 2.20 -0.51	44.02 2.34 -0.67	47.99 2.63 -0.82	55.04 2.88 -0.78	67.49 3.53 -0.86	70.55 3.38 -0.90	62.68 2.91 -0.39	53.30 2.68 -0.01	45.25 2.32 0.00	39.06 2.00 0.00	35.05 1.51 0.00

DANSKAMMER___4 23591	32.67 1.73 0.00	30.33 1.42 0.00	28.84 1.21 0.00	28.09 1.08 0.00	28.83 1.19 0.00	29.31 1.18 0.00	38.18 1.82 0.00	42.66 1.84 0.00	40.51 1.65 -0.43	35.79 1.56 -0.45	34.90 1.71 0.34	37.33 1.94 -0.15	38.41 2.08 -0.41	41.28 2.20 -0.51	44.02 2.34 -0.67	47.99 2.63 -0.82	55.04 2.88 -0.78	67.49 3.53 -0.86	70.55 3.38 -0.90	62.68 2.91 -0.39	53.30 2.68 -0.01	45.25 2.32 0.00	39.06 2.00 0.00	35.05 1.51 0.00
DANSKAMMER___DIESEL 23592	32.67 1.73 0.00	30.33 1.42 0.00	28.84 1.22 0.00	28.09 1.08 0.00	28.78 1.13 0.00	29.31 1.18 0.00	38.18 1.82 0.00	42.66 1.84 0.00	40.49 1.61 -0.46	35.82 1.55 -0.47	34.99 1.78 0.32	37.32 1.90 -0.17	38.44 2.08 -0.43	41.27 2.16 -0.54	43.93 2.21 -0.70	47.94 2.54 -0.86	55.03 2.83 -0.82	67.41 3.41 -0.91	70.53 3.31 -0.95	62.52 2.73 -0.41	53.18 2.58 0.00	45.17 2.23 0.00	39.02 1.96 0.00	35.05 1.51 0.00
DARBY___SOLAR 323810	32.83 1.89 0.00	30.71 1.79 0.00	29.31 1.69 0.00	28.63 1.62 0.00	29.39 1.74 0.00	29.93 1.80 0.00	38.72 2.36 0.00	43.35 2.53 0.00	39.63 1.84 0.64	34.52 1.39 0.66	33.84 1.11 0.80	35.68 1.13 0.70	36.40 1.08 0.60	38.52 0.70 0.75	40.85 0.82 0.98	44.49 1.16 1.20	51.94 1.69 1.14	64.29 2.46 1.27	67.79 2.85 1.32	61.53 2.73 0.58	53.06 2.48 0.02	44.96 2.02 0.00	39.23 1.67 -0.50	35.55 2.01 0.00
DASHVILLE___HYD 23610	32.49 1.55 0.00	30.16 1.24 0.00	28.68 1.05 0.00	27.92 0.92 0.00	28.61 0.97 0.00	29.11 0.98 0.00	37.89 1.53 0.00	42.29 1.47 0.00	40.28 1.58 -0.28	35.64 1.55 -0.29	34.88 1.74 0.40	37.11 1.83 -0.03	38.13 1.94 -0.27	40.91 2.01 -0.33	43.59 2.13 -0.44	47.48 2.41 -0.54	54.62 2.72 -0.51	66.95 3.28 -0.57	70.04 3.18 -0.59	62.30 2.67 -0.26	52.68 2.07 0.00	44.74 1.80 0.00	38.95 1.89 0.00	34.75 1.21 0.00
DELAWARE___LFGE 323621	31.71 0.77 0.00	29.64 0.72 0.00	28.37 0.75 0.00	27.79 0.78 0.00	28.48 0.83 0.00	28.89 0.76 0.00	37.34 0.98 0.00	41.38 1.02 0.46	38.78 0.81 0.45	34.02 0.64 0.41	31.86 0.64 2.31	34.79 0.67 1.12	36.13 0.65 0.44	38.69 0.77 0.66	41.35 0.82 0.48	44.98 0.94 0.49	51.93 1.13 0.59	63.80 1.45 0.75	66.79 1.59 1.07	59.70 1.48 1.16	51.08 1.47 0.99	43.70 1.25 0.48	37.67 1.04 0.42	33.79 0.91 0.66
DERFIELD_115KV_TB7 355931	31.58 0.15 -0.48	29.56 0.14 -0.50	28.12 0.14 -0.35	27.50 0.14 -0.36	27.99 0.17 -0.18	28.88 0.17 -0.59	36.98 0.22 -0.40	41.40 0.24 -0.34	38.80 0.19 -0.19	34.36 0.14 -0.43	34.11 0.13 -0.44	35.81 0.14 -0.42	36.43 0.11 -0.40	39.09 0.15 -0.37	41.58 0.12 -0.45	45.20 0.18 -0.48	51.92 0.21 -0.33	63.42 0.25 -0.07	66.70 0.27 -0.17	59.73 0.24 -0.12	51.25 0.30 -0.34	43.41 0.26 -0.22	37.53 0.22 -0.25	34.06 0.20 -0.32
DOGLEVILLE___HYD 23807	31.67 0.25 -0.48	29.67 0.26 -0.50	28.23 0.25 -0.35	27.61 0.24 -0.36	28.11 0.28 -0.18	29.02 0.31 -0.59	37.27 0.51 -0.40	41.73 0.57 -0.34	39.04 0.42 -0.19	34.53 0.30 -0.43	34.24 0.27 -0.44	35.95 0.28 -0.42	36.54 0.22 -0.40	39.25 0.31 -0.37	41.75 0.29 -0.45	45.42 0.40 -0.48	52.18 0.46 -0.33	63.73 0.57 -0.07	67.10 0.66 -0.17	60.09 0.59 -0.12	51.55 0.61 -0.34	43.71 0.56 -0.22	37.76 0.44 -0.25	34.27 0.40 -0.32
DUNKIRK___115KV_TB_200 55889	30.63 -0.31 0.00	29.41 0.49 0.00	27.82 0.19 0.00	27.09 0.08 0.00	27.59 -0.06 0.00	28.52 0.39 0.00	35.85 -0.51 0.00	42.84 -0.08 -2.11	40.27 -0.19 -2.04	35.64 -0.03 -1.88	33.80 -0.27 -0.53	36.40 -0.28 -1.43	37.77 -0.14 -1.99	41.81 0.23 -3.01	43.46 0.25 -2.20	46.36 -0.40 -2.22	53.86 -0.21 -2.68	66.41 -0.13 -3.44	71.66 0.46 -4.93	65.21 0.53 -5.30	55.53 0.40 -4.52	45.26 0.13 -2.20	39.09 0.11 -1.92	37.14 0.64 -2.97
DUNKIRK___1 23563	30.63 -0.31 0.00	29.41 0.49 0.00	27.82 0.19 0.00	27.09 0.08 0.00	27.59 -0.06 0.00	28.52 0.39 0.00	35.85 -0.51 0.00	42.84 -0.08 -2.11	40.27 -0.19 -2.04	35.64 -0.03 -1.88	33.80 -0.27 -0.53	36.40 -0.28 -1.43	37.77 -0.14 -1.99	41.81 0.23 -3.01	43.46 0.25 -2.20	46.36 -0.40 -2.22	53.86 -0.21 -2.68	66.41 -0.13 -3.44	71.66 0.46 -4.93	65.21 0.53 -5.30	55.53 0.40 -4.52	45.26 0.13 -2.20	39.09 0.11 -1.92	37.14 0.64 -2.97
DUNKIRK___2 23564	30.63 -0.31 0.00	29.41 0.49 0.00	27.82 0.19 0.00	27.09 0.08 0.00	27.59 -0.06 0.00	28.52 0.39 0.00	35.85 -0.51 0.00	42.84 -0.08 -2.11	40.27 -0.19 -2.04	35.64 -0.03 -1.88	33.80 -0.27 -0.53	36.40 -0.28 -1.43	37.77 -0.14 -1.99	41.81 0.23 -3.01	43.46 0.25 -2.20	46.36 -0.40 -2.22	53.86 -0.21 -2.68	66.41 -0.13 -3.44	71.66 0.46 -4.93	65.21 0.53 -5.30	55.53 0.40 -4.52	45.26 0.13 -2.20	39.09 0.11 -1.92	37.14 0.64 -2.97
DUNKIRK___3 23565	30.48 -0.46 0.00	29.26 0.35 0.00	27.68 0.06 0.00	26.95 -0.05 0.00	27.45 -0.19 0.00	28.35 0.23 0.00	35.63 -0.73 0.00	42.65 -0.29 -2.12	40.09 -0.38 -2.05	35.48 -0.20 -1.89	33.65 -0.44 -0.55	36.23 -0.46 -1.44	37.60 -0.32 -2.00	41.63 0.04 -3.02	43.26 0.04 -2.21	46.10 -0.67 -2.23	53.56 -0.51 -2.69	66.05 -0.50 -3.45	71.22 0.00 -4.95	64.88 0.18 -5.33	55.30 0.15 -4.54	45.10 -0.04 -2.21	38.95 -0.04 -1.93	37.06 0.54 -2.98
DUNKIRK___4 23566	30.48 -0.46 0.00	29.26 0.35 0.00	27.68 0.06 0.00	26.95 -0.05 0.00	27.45 -0.19 0.00	28.35 0.23 0.00	35.63 -0.73 0.00	42.65 -0.29 -2.12	40.09 -0.38 -2.05	35.48 -0.20 -1.89	33.65 -0.44 -0.55	36.23 -0.46 -1.44	37.60 -0.32 -2.00	41.63 0.04 -3.02	43.26 0.04 -2.21	46.10 -0.67 -2.23	53.56 -0.51 -2.69	66.05 -0.50 -3.45	71.22 0.00 -4.95	64.88 0.18 -5.33	55.30 0.15 -4.54	45.10 -0.04 -2.21	38.95 -0.04 -1.93	37.06 0.54 -2.98
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.80 1.86 0.00	30.39 1.47 0.00	28.87 1.24 0.00	28.09 1.08 0.00	28.78 1.13 0.00	29.36 1.24 0.00	38.25 1.89 0.00	42.84 2.00 -0.03	40.91 1.88 -0.61	36.31 1.89 -0.62	35.48 2.18 0.24	37.94 2.40 -0.29	39.04 2.55 -0.57	41.95 2.66 -0.71	44.66 2.71 -0.94	48.62 2.94 -1.14	55.71 3.24 -1.09	68.09 3.79 -1.20	71.11 3.58 -1.26	62.83 2.91 -0.55	53.39 2.78 0.00	45.26 2.32 0.00	39.21 2.15 0.00	35.15 1.61 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.36 1.42 0.00	30.07 1.16 0.00	28.62 0.99 0.00	27.87 0.86 0.00	28.56 0.91 0.00	29.08 0.96 0.00	37.82 1.45 0.00	42.33 1.51 0.00	40.17 1.27 -0.48	35.57 1.28 -0.49	34.70 1.51 0.34	37.08 1.66 -0.17	38.13 1.76 -0.45	40.99 1.85 -0.56	43.68 1.93 -0.74	47.58 2.14 -0.90	54.65 2.42 -0.85	66.89 2.84 -0.95	69.98 2.72 -0.99	62.06 2.26 -0.43	52.78 2.18 0.00	44.78 1.85 0.00	38.72 1.67 0.00	34.75 1.21 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	33.24 2.29 -0.01	30.77 1.85 -0.01	29.18 1.55 -0.01	28.36 1.35 -0.01	29.06 1.41 -0.01	29.62 1.49 0.00	38.47 2.11 0.00	42.86 2.00 -0.04	40.87 1.84 -0.61	36.34 1.93 -0.62	35.58 2.28 0.24	38.08 2.54 -0.29	39.15 2.66 -0.57	42.10 2.82 -0.71	44.74 2.79 -0.94	48.67 2.98 -1.14	55.76 3.29 -1.09	68.03 3.72 -1.20	70.97 3.45 -1.26	62.72 2.79 -0.55	53.29 2.68 0.00	45.26 2.32 0.00	39.69 2.63 0.00	35.56 2.01 -0.01

E179THST_13_KV_LOAD 356214	33.39 2.44 -0.01	30.92 2.00 -0.01	29.32 1.69 -0.01	28.47 1.46 -0.01	29.20 1.55 -0.01	29.73 1.60 0.00	38.65 2.29 0.00	43.10 2.25 -0.04	41.06 2.04 -0.61	36.51 2.10 -0.62	35.78 2.48 0.24	38.26 2.71 -0.29	39.37 2.87 -0.57	42.33 3.05 -0.71	44.99 3.04 -0.94	48.93 3.25 -1.14	56.12 3.65 -1.09	68.47 4.16 -1.20	71.44 3.91 -1.26	63.07 3.15 -0.55	53.64 3.04 0.00	45.51 2.58 0.00	39.87 2.82 0.00	35.73 2.18 -0.01
EAST HAMPTON___GT 23717	34.16 3.22 0.00	31.43 2.51 0.00	29.48 1.85 0.00	28.57 1.57 0.00	29.28 1.63 0.00	29.98 1.86 0.00	39.16 2.80 0.00	43.82 2.98 -0.02	42.19 3.19 -0.58	37.54 3.14 -0.60	36.88 3.59 0.24	39.41 3.88 -0.28	40.54 4.06 -0.56	44.85 4.43 -1.84	46.52 4.59 -0.91	50.46 4.81 -1.11	57.72 5.29 -1.05	70.38 6.12 -1.16	73.05 5.57 -1.21	64.77 4.87 -0.53	55.12 4.50 -0.02	47.23 4.29 0.00	40.81 3.74 -0.01	36.73 3.19 0.00
EAST RIVER___6 23660	33.10 2.17 0.00	30.62 1.71 0.00	29.06 1.44 0.00	28.22 1.22 0.00	28.95 1.30 0.00	29.45 1.32 0.00	38.36 2.00 0.00	43.00 2.16 -0.02	41.12 2.11 -0.58	36.49 2.10 -0.60	35.67 2.38 0.25	38.27 2.75 -0.27	39.38 2.91 -0.55	42.38 3.12 -0.69	45.15 3.24 -0.90	49.16 3.52 -1.10	56.13 3.70 -1.05	68.61 4.35 -1.16	71.52 4.04 -1.21	63.29 3.38 -0.53	53.91 3.29 -0.02	45.73 2.79 0.00	39.65 2.59 0.00	35.42 1.88 0.00
EAST RIVER___7 23524	33.10 2.17 0.00	30.62 1.71 0.00	29.06 1.44 0.00	28.22 1.22 0.00	28.95 1.30 0.00	29.45 1.32 0.00	38.36 2.00 0.00	43.00 2.16 -0.02	41.12 2.11 -0.58	36.49 2.10 -0.60	35.67 2.38 0.25	38.27 2.75 -0.27	39.38 2.91 -0.55	42.38 3.12 -0.69	45.15 3.24 -0.90	49.16 3.52 -1.10	56.13 3.70 -1.05	68.61 4.35 -1.16	71.52 4.04 -1.21	63.29 3.38 -0.53	53.91 3.29 -0.02	45.73 2.79 0.00	39.65 2.59 0.00	35.42 1.88 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.73 1.79 0.00	30.36 1.45 0.00	28.84 1.22 0.00	28.06 1.05 0.00	28.75 1.11 0.00	29.34 1.21 0.00	38.18 1.82 0.00	42.74 1.92 0.00	40.83 1.81 -0.60	36.21 1.79 -0.62	35.38 2.08 0.24	37.83 2.29 -0.29	38.93 2.44 -0.57	41.83 2.55 -0.71	44.57 2.62 -0.93	48.53 2.85 -1.14	55.55 3.08 -1.08	67.90 3.60 -1.20	70.97 3.45 -1.26	62.71 2.79 -0.55	53.29 2.68 0.00	45.17 2.23 0.00	39.13 2.08 0.00	35.08 1.54 0.00
EAST_HAMPTON___DIESEL 23722	34.16 3.22 0.00	31.43 2.51 0.00	29.48 1.85 0.00	28.57 1.57 0.00	29.28 1.63 0.00	29.98 1.86 0.00	39.16 2.80 0.00	43.82 2.98 -0.02	42.19 3.19 -0.58	37.50 3.11 -0.60	36.85 3.55 0.24	39.37 3.84 -0.28	40.54 4.06 -0.56	44.85 4.43 -1.84	46.52 4.59 -0.91	50.46 4.81 -1.11	57.72 5.29 -1.05	70.32 6.06 -1.16	72.98 5.50 -1.21	64.71 4.81 -0.53	55.12 4.50 -0.02	47.23 4.29 0.00	40.81 3.74 -0.01	36.73 3.19 0.00
EAST_POINT___SOLAR 323840	33.01 2.07 0.00	30.94 2.02 0.00	29.53 1.90 0.00	28.87 1.86 0.00	29.64 1.99 0.00	30.29 2.17 0.00	39.31 2.94 0.00	43.19 2.37 0.00	38.44 0.35 0.33	33.01 -0.44 0.34	31.85 -0.87 0.81	33.79 -0.95 0.51	34.61 -1.01 0.31	37.18 -1.00 0.39	39.56 -0.94 0.51	43.25 -0.67 0.62	50.85 0.05 0.59	64.21 1.76 0.65	70.03 4.44 0.68	64.06 4.99 0.30	54.95 4.35 0.01	46.41 3.48 0.00	39.84 2.78 0.00	35.96 2.42 0.00
EAST_PULASKI___ESR 323781	32.47 -0.22 -1.75	30.62 -0.09 -1.79	28.77 -0.14 -1.28	28.18 -0.13 -1.31	28.20 -0.11 -0.66	30.21 -0.03 -2.11	37.70 -0.04 -1.38	45.71 0.12 -4.77	42.58 -0.04 -4.19	38.40 -0.17 -4.77	37.28 -0.27 -4.01	39.41 -0.35 -4.51	40.38 -0.39 -4.85	44.58 -0.46 -6.46	45.92 -0.45 -5.36	49.62 -0.45 -5.52	56.76 -0.41 -5.79	68.84 -0.44 -6.18	75.12 -0.20 -9.05	68.89 -0.06 -9.57	59.54 -0.05 -8.99	47.46 -0.04 -4.57	41.20 -0.07 -4.22	39.97 0.13 -6.29
EAST_RIVER___1 323558	33.04 2.10 0.00	30.56 1.65 0.00	29.01 1.38 0.00	28.19 1.19 0.00	28.95 1.30 0.00	29.48 1.35 0.00	38.43 2.07 0.00	43.04 2.20 -0.02	41.12 2.11 -0.58	36.49 2.10 -0.60	35.63 2.35 0.25	38.24 2.71 -0.27	39.35 2.87 -0.55	42.31 3.05 -0.69	45.12 3.20 -0.90	49.07 3.43 -1.10	56.08 3.65 -1.05	68.55 4.29 -1.16	71.52 4.04 -1.21	63.29 3.38 -0.53	53.76 3.14 -0.02	45.69 2.75 0.00	39.54 2.48 0.00	35.35 1.81 0.00
EAST_RIVER___2 323559	33.10 2.17 0.00	30.62 1.71 0.00	29.06 1.44 0.00	28.22 1.22 0.00	28.95 1.30 0.00	29.45 1.32 0.00	38.36 2.00 0.00	43.00 2.16 -0.02	41.12 2.11 -0.58	36.49 2.10 -0.60	35.67 2.38 0.25	38.27 2.75 -0.27	39.38 2.91 -0.55	42.38 3.12 -0.69	45.15 3.24 -0.90	49.16 3.52 -1.10	56.13 3.70 -1.05	68.61 4.35 -1.16	71.52 4.04 -1.21	63.29 3.38 -0.53	53.91 3.29 -0.02	45.73 2.79 0.00	39.65 2.59 0.00	35.42 1.88 0.00
EAST___DELAWARE_HYD 23607	32.70 1.76 0.00	30.39 1.47 0.00	28.90 1.27 0.00	28.17 1.16 0.00	28.89 1.25 0.00	29.39 1.27 0.00	38.29 1.93 0.00	42.78 1.96 0.00	40.44 1.69 -0.33	35.68 1.56 -0.34	34.69 1.61 0.45	37.08 1.80 -0.04	38.13 1.90 -0.31	41.00 2.04 -0.39	43.73 2.21 -0.51	47.74 2.58 -0.62	54.90 2.93 -0.59	67.47 3.72 -0.65	70.59 3.64 -0.68	62.88 3.20 -0.30	53.55 2.93 -0.01	45.47 2.53 0.00	39.17 2.11 0.00	35.15 1.61 0.00
EIGHT_POINT___WT_PWR 323820	31.19 0.25 0.00	29.64 0.72 0.00	28.15 0.52 0.00	27.46 0.46 0.00	28.00 0.36 0.00	28.80 0.67 0.00	36.69 0.33 0.00	42.85 0.94 -1.09	39.54 0.27 -0.85	34.78 0.20 -0.78	31.89 0.00 1.65	34.84 -0.32 0.10	36.57 -0.18 -0.83	39.98 0.15 -1.25	42.13 0.21 -0.91	45.28 -0.18 -0.92	52.91 0.41 -1.11	65.09 0.57 -1.43	69.90 1.59 -2.04	63.06 1.48 -2.20	53.65 1.16 -1.88	44.58 0.73 -0.91	38.52 0.67 -0.80	35.88 1.11 -1.23
ELBRIDGE_115KV_TB2 80188	31.14 -0.25 -0.45	29.24 -0.14 -0.47	27.79 -0.17 -0.33	27.18 -0.16 -0.34	27.62 -0.19 -0.17	28.53 -0.14 -0.55	36.43 -0.29 -0.36	42.39 -0.24 -1.82	39.79 -0.27 -1.63	35.24 -0.30 -1.75	31.99 -0.40 1.14	35.53 -0.42 -0.70	37.33 -0.40 -1.80	40.71 -0.35 -2.48	42.71 -0.29 -1.98	46.17 -0.40 -2.04	53.25 -0.36 -2.22	65.24 -0.38 -2.52	69.66 -0.27 -3.65	63.15 -0.12 -3.89	54.09 -0.05 -3.54	44.67 -0.04 -1.77	38.52 -0.15 -1.61	35.94 -0.03 -2.43
ELEC_TRO_TEK 24086	33.17 2.23 0.00	30.59 1.68 0.00	28.87 1.24 0.00	28.03 1.03 0.00	28.70 1.05 0.00	29.39 1.27 0.00	38.33 1.96 0.00	42.68 1.84 -0.02	41.14 2.11 -0.61	36.61 2.20 -0.62	35.77 2.45 0.22	38.17 2.61 -0.31	39.21 2.69 -0.59	44.13 2.78 -2.78	44.76 2.79 -0.95	48.73 3.03 -1.16	55.96 3.49 -1.09	68.28 3.98 -1.20	71.11 3.58 -1.26	62.77 2.85 -0.55	53.44 2.83 0.00	45.38 2.45 0.00	39.67 2.59 -0.02	35.59 2.05 0.00
ELLENBURG_WT_PWR 323604	32.77 0.56 -1.27	30.71 0.49 -1.31	29.00 0.44 -0.93	28.42 0.46 -0.95	28.57 0.44 -0.48	30.19 0.53 -1.53	38.11 0.80 -0.95	42.48 0.86 -0.80	39.99 1.11 -0.46	35.81 0.98 -1.04	35.59 1.01 -1.05	37.27 1.02 -1.00	37.89 1.00 -0.97	40.45 1.00 -0.87	42.66 0.57 -1.07	46.09 0.40 -1.16	52.64 0.46 -0.80	64.02 0.76 -0.16	67.40 0.73 -0.40	60.26 0.59 -0.29	51.57 0.15 -0.82	43.80 0.34 -0.53	38.45 0.78 -0.61	34.98 0.67 -0.77

ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.32 -0.62 0.00	29.15 0.23 0.00	27.57 -0.06 0.00	26.82 -0.19 0.00	27.31 -0.33 0.00	28.21 0.08 0.00	35.31 -1.05 0.00	41.98 -1.10 -2.26	39.58 -1.04 -2.19	35.07 -0.74 -2.02	33.33 -1.01 -0.80	35.78 -1.09 -1.62	37.09 -0.97 -2.14	41.15 -0.66 -3.23	42.64 -0.74 -2.36	45.37 -1.56 -2.39	52.67 -1.59 -2.88	64.96 -1.83 -3.69	70.18 -1.39 -5.31	64.06 -1.01 -5.70	54.60 -0.86 -4.86	44.44 -0.86 -2.36	38.46 -0.67 -2.07	36.82 0.10 -3.18
EMPIRE_CC_1 323656	31.56 0.62 0.00	29.46 0.55 0.00	28.18 0.55 0.00	27.54 0.54 0.00	28.28 0.64 0.00	28.66 0.53 0.00	37.16 0.80 0.00	41.47 0.65 0.00	38.21 0.54 0.75	33.45 0.44 0.78	33.08 0.43 0.89	34.94 0.49 0.80	35.72 0.50 0.71	38.07 0.39 0.89	40.26 0.41 1.17	43.65 0.54 1.42	50.60 0.57 1.35	62.23 0.63 1.50	65.23 0.53 1.57	59.16 0.47 0.68	51.19 0.61 0.02	43.54 0.60 0.00	37.08 0.52 0.50	34.04 0.50 0.00
EMPIRE_CC_2 323658	31.56 0.62 0.00	29.46 0.55 0.00	28.18 0.55 0.00	27.54 0.54 0.00	28.28 0.64 0.00	28.66 0.53 0.00	37.16 0.80 0.00	41.47 0.65 0.00	38.21 0.54 0.75	33.45 0.44 0.78	33.08 0.43 0.89	34.94 0.49 0.80	35.72 0.50 0.71	38.07 0.39 0.89	40.26 0.41 1.17	43.65 0.54 1.42	50.60 0.57 1.35	62.23 0.63 1.50	65.23 0.53 1.57	59.16 0.47 0.68	51.19 0.61 0.02	43.54 0.60 0.00	37.08 0.52 0.50	34.04 0.50 0.00
ENORWICH_115KV_TB1 80156	32.73 1.79 0.00	30.74 1.82 0.00	29.23 1.60 0.00	28.57 1.57 0.00	29.39 1.74 0.00	30.07 1.94 0.00	39.13 2.76 0.00	42.52 2.20 0.50	39.59 1.65 0.49	34.36 1.01 0.45	30.63 0.67 3.58	34.30 0.67 1.62	36.02 0.57 0.48	38.67 0.81 0.72	41.52 1.03 0.52	46.19 2.18 0.53	53.73 2.98 0.64	66.76 4.48 0.82	70.54 5.43 1.16	63.28 5.17 1.26	54.03 4.50 1.07	45.98 3.56 0.52	39.34 2.74 0.46	35.41 2.58 0.72
ERIE_ST__34_KV_TB1-2 80199	30.32 -0.62 0.00	29.12 0.20 0.00	27.49 -0.14 0.00	26.73 -0.27 0.00	27.23 -0.41 0.00	28.15 0.03 0.00	35.38 -0.98 0.00	43.27 0.29 -2.16	40.75 0.23 -2.09	36.06 0.34 -1.93	34.26 0.10 -0.63	36.85 0.11 -1.50	38.18 0.22 -2.04	42.32 0.66 -3.09	43.97 0.70 -2.25	46.82 0.00 -2.28	54.39 0.26 -2.75	67.07 0.44 -3.53	72.31 0.99 -5.05	65.88 1.07 -5.44	56.15 0.91 -4.63	45.79 0.60 -2.26	39.59 0.56 -1.97	37.70 1.11 -3.05
ERIE_WT_PWR 323693	30.44 -0.50 0.00	29.23 0.32 0.00	27.68 0.06 0.00	26.90 -0.11 0.00	27.45 -0.19 0.00	28.30 0.17 0.00	35.53 -0.83 0.00	42.60 -0.41 -2.19	39.96 -0.62 -2.16	35.51 -0.27 -1.99	33.98 -0.30 -0.74	36.12 -0.70 -1.58	37.42 -0.61 -2.11	41.49 -0.27 -3.18	42.97 -0.37 -2.33	45.87 -1.02 -2.35	53.61 -0.61 -2.84	65.72 -1.01 -3.64	71.28 -0.20 -5.21	64.75 -0.24 -5.61	55.18 -0.20 -4.78	44.75 -0.51 -2.33	38.84 -0.26 -2.04	37.12 0.43 -3.14
ESPRGFLD_115KV_TB1 80157	32.33 1.39 0.00	30.27 1.36 0.00	28.95 1.33 0.00	28.30 1.30 0.00	29.06 1.41 0.00	29.59 1.46 0.00	38.36 2.00 0.00	42.86 2.04 0.00	39.44 1.23 0.21	34.31 0.74 0.22	32.89 0.50 1.15	35.18 0.49 0.56	36.15 0.43 0.20	38.90 0.58 0.25	41.38 0.70 0.33	45.11 0.98 0.41	52.59 1.59 0.39	65.26 2.59 0.43	69.33 3.51 0.45	62.62 3.44 0.20	53.69 3.09 0.00	45.43 2.49 0.00	39.06 2.00 0.00	35.25 1.71 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.40 0.46 0.00	29.44 0.52 0.00	28.07 0.44 0.00	27.49 0.49 0.00	28.09 0.44 0.00	28.66 0.53 0.00	36.98 0.62 0.00	41.17 0.78 0.43	38.58 0.58 0.41	33.75 0.34 0.38	29.59 0.20 4.15	33.61 0.14 1.78	35.73 0.22 0.40	38.31 0.35 0.61	41.02 0.45 0.45	44.62 0.53 0.45	51.72 0.87 0.54	63.67 1.26 0.70	66.94 1.66 0.99	60.03 1.72 1.07	51.16 1.47 0.91	43.69 1.20 0.45	37.56 0.89 0.39	33.84 0.91 0.61
ETNA____115KV_TB2 80207	31.40 0.46 0.00	29.44 0.52 0.00	28.07 0.44 0.00	27.49 0.49 0.00	28.09 0.44 0.00	28.66 0.53 0.00	36.98 0.62 0.00	41.17 0.78 0.43	38.58 0.58 0.41	33.75 0.34 0.38	29.59 0.20 4.15	33.61 0.14 1.78	35.73 0.22 0.40	38.31 0.35 0.61	41.02 0.45 0.45	44.62 0.53 0.45	51.72 0.87 0.54	63.67 1.26 0.70	66.94 1.66 0.99	60.03 1.72 1.07	51.16 1.47 0.91	43.69 1.20 0.45	37.56 0.89 0.39	33.84 0.91 0.61
EUCLID__115KV_TB2 356179	31.12 -0.43 -0.61	29.22 -0.32 -0.63	27.74 -0.33 -0.44	27.14 -0.32 -0.46	27.52 -0.36 -0.23	28.55 -0.31 -0.74	36.34 -0.51 -0.48	42.79 -0.41 -2.38	40.06 -0.50 -2.14	35.61 -0.47 -2.29	33.25 -0.54 -0.26	36.24 -0.56 -1.56	37.70 -0.57 -2.35	41.24 -0.58 -3.25	43.04 -0.57 -2.60	46.49 -0.71 -2.66	53.52 -0.77 -2.90	65.50 -0.88 -3.29	70.25 -0.80 -4.77	63.81 -0.65 -5.08	54.72 -0.51 -4.63	44.83 -0.43 -2.32	38.72 -0.44 -2.11	36.42 -0.30 -3.18
E_CANADA_CAP_HY 24051	32.73 1.79 0.00	30.65 1.73 0.00	29.29 1.66 0.00	28.63 1.62 0.00	29.36 1.71 0.00	29.95 1.83 0.00	38.87 2.51 0.00	43.23 2.41 0.00	39.32 1.19 0.30	33.99 0.51 0.31	32.77 0.13 0.90	34.84 0.11 0.52	35.64 0.00 0.28	38.34 0.12 0.35	40.80 0.25 0.46	44.60 0.62 0.56	52.24 1.39 0.54	65.28 2.77 0.59	69.89 4.24 0.62	63.32 4.22 0.27	54.34 3.74 0.01	45.94 3.00 0.00	39.46 2.41 0.00	35.62 2.08 0.00
E_CANADA_MHWK_HY 24050	31.67 0.25 -0.48	29.67 0.26 -0.50	28.23 0.25 -0.35	27.61 0.24 -0.36	28.11 0.28 -0.18	29.02 0.31 -0.59	37.27 0.51 -0.40	41.77 0.61 -0.34	39.08 0.46 -0.19	34.56 0.34 -0.43	34.24 0.27 -0.44	35.98 0.32 -0.42	36.58 0.25 -0.40	39.21 0.27 -0.37	41.79 0.33 -0.45	45.42 0.40 -0.48	52.23 0.51 -0.33	63.80 0.63 -0.07	67.10 0.66 -0.17	60.15 0.65 -0.12	51.55 0.61 -0.34	43.76 0.60 -0.22	37.76 0.45 -0.25	34.27 0.40 -0.32
E_FISHKILL__LBMP 23776	32.46 1.52 0.00	30.13 1.21 0.00	28.65 1.02 0.00	27.92 0.92 0.00	28.61 0.97 0.00	29.14 1.01 0.00	37.89 1.53 0.00	42.41 1.59 0.00	40.46 1.42 -0.61	35.84 1.42 -0.63	34.96 1.64 0.22	37.35 1.80 -0.31	38.40 1.90 -0.58	41.30 2.01 -0.72	44.01 2.05 -0.95	47.92 2.23 -1.16	54.90 2.42 -1.10	67.16 2.84 -1.22	70.20 2.65 -1.28	62.07 2.14 -0.56	52.68 2.07 0.00	44.70 1.76 0.00	38.72 1.67 0.00	34.75 1.21 0.00
FALCON__SEABRD_CC1 323796	33.78 1.18 -1.66	31.72 1.10 -1.71	29.83 0.99 -1.21	29.25 1.00 -1.25	29.24 0.97 -0.63	31.26 1.13 -2.00	39.22 1.60 -1.26	43.60 1.71 -1.06	41.02 2.00 -0.60	36.92 1.76 -1.38	36.70 1.78 -1.39	38.37 1.80 -1.32	39.03 1.83 -1.28	41.62 1.89 -1.16	43.37 0.94 -1.42	46.64 0.58 -1.53	53.11 0.67 -1.05	64.45 1.14 -0.21	67.86 1.06 -0.53	60.65 0.89 -0.39	51.99 0.31 -1.08	44.36 0.73 -0.70	39.46 1.59 -0.81	35.97 1.41 -1.02
FALCON__SEABRD_CC2 323797	33.78 1.18 -1.66	31.72 1.10 -1.71	29.83 0.99 -1.21	29.25 1.00 -1.25	29.24 0.97 -0.63	31.26 1.13 -2.00	39.22 1.60 -1.26	43.60 1.71 -1.06	41.02 2.00 -0.60	36.92 1.76 -1.38	36.70 1.78 -1.39	38.37 1.80 -1.32	39.03 1.83 -1.28	41.62 1.89 -1.16	43.37 0.94 -1.42	46.64 0.58 -1.53	53.11 0.67 -1.05	64.45 1.14 -0.21	67.86 1.06 -0.53	60.65 0.89 -0.39	51.99 0.31 -1.08	44.36 0.73 -0.70	39.46 1.59 -0.81	35.97 1.41 -1.02

FAR ROCKAWAY___4 23548	33.72 2.78 0.00	31.08 2.17 0.00	29.31 1.69 0.00	28.44 1.43 0.00	29.11 1.47 0.00	29.81 1.69 0.00	38.91 2.55 0.00	43.33 2.49 -0.02	41.76 2.73 -0.61	37.22 2.80 -0.62	36.40 3.09 0.22	38.84 3.28 -0.31	39.92 3.41 -0.59	44.63 3.51 -2.55	45.62 3.65 -0.95	49.66 3.96 -1.16	57.10 4.62 -1.09	69.73 5.43 -1.20	72.63 5.10 -1.26	64.08 4.16 -0.55	54.55 3.95 0.00	46.29 3.35 0.00	40.37 3.30 -0.02	36.22 2.68 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.04 2.10 0.00	30.56 1.65 0.00	29.01 1.38 0.00	28.19 1.19 0.00	28.89 1.24 0.00	29.48 1.35 0.00	38.43 2.07 0.00	43.04 2.20 -0.02	41.10 2.07 -0.61	36.51 2.10 -0.62	35.71 2.41 0.24	38.22 2.68 -0.29	39.33 2.84 -0.57	42.26 2.97 -0.71	45.03 3.08 -0.94	48.98 3.30 -1.14	56.07 3.60 -1.09	68.47 4.16 -1.20	71.50 3.98 -1.26	63.13 3.21 -0.55	53.64 3.04 0.00	45.51 2.58 0.00	39.50 2.45 0.00	35.35 1.81 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.04 2.10 0.00	30.56 1.65 0.00	29.01 1.38 0.00	28.19 1.19 0.00	28.89 1.24 0.00	29.50 1.38 0.00	38.43 2.07 0.00	43.02 2.20 0.00	41.14 2.11 -0.61	36.51 2.10 -0.62	35.71 2.41 0.24	38.22 2.68 -0.29	39.33 2.84 -0.57	42.26 2.97 -0.71	45.03 3.08 -0.94	48.98 3.30 -1.14	56.07 3.60 -1.09	68.47 4.16 -1.20	71.57 4.04 -1.26	63.19 3.27 -0.55	53.64 3.04 0.00	45.51 2.58 0.00	39.50 2.45 0.00	35.35 1.81 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.01 2.07 0.00	30.56 1.65 0.00	29.01 1.38 0.00	28.17 1.16 0.00	28.89 1.24 0.00	29.48 1.35 0.00	38.43 2.07 0.00	43.02 2.20 0.00	41.10 2.07 -0.61	36.48 2.06 -0.62	35.71 2.41 0.24	38.19 2.64 -0.29	39.29 2.80 -0.57	42.26 2.97 -0.71	44.99 3.04 -0.94	48.98 3.30 -1.14	56.07 3.60 -1.09	68.41 4.10 -1.20	71.50 3.98 -1.26	63.13 3.21 -0.55	53.59 2.99 0.00	45.47 2.53 0.00	39.47 2.41 0.00	35.32 1.78 0.00
FARRAGUT___LBMP 323566	33.01 2.07 0.00	30.53 1.62 0.00	28.98 1.35 0.00	28.17 1.16 0.00	28.86 1.22 0.00	29.45 1.32 0.00	38.40 2.04 0.00	42.98 2.16 0.00	41.06 2.04 -0.61	36.44 2.03 -0.62	35.68 2.38 0.24	38.15 2.61 -0.29	39.26 2.77 -0.57	42.22 2.93 -0.71	44.94 2.99 -0.94	48.89 3.21 -1.14	55.96 3.49 -1.09	68.34 4.04 -1.20	71.44 3.91 -1.26	63.07 3.15 -0.55	53.54 2.94 0.00	45.47 2.53 0.00	39.43 2.37 0.00	35.29 1.74 0.00
FENNER___WINDPWR 24204	32.97 0.74 -1.29	30.99 0.75 -1.33	29.26 0.69 -0.94	28.65 0.68 -0.97	28.88 0.75 -0.49	30.53 0.84 -1.56	38.66 1.27 -1.02	43.70 1.55 -1.33	40.22 1.31 -0.49	35.80 0.88 -1.13	33.79 0.74 0.48	36.47 0.74 -0.48	37.58 0.61 -1.05	40.29 0.77 -0.95	43.07 0.90 -1.16	46.90 1.11 -1.25	53.68 1.44 -0.86	65.29 2.02 -0.17	69.08 2.38 -0.43	61.95 2.26 -0.32	53.46 1.97 -0.88	45.05 1.54 -0.57	38.90 1.19 -0.66	35.48 1.11 -0.84
FIBERTEK___ENERGY 23856	31.29 -0.15 -0.51	29.35 -0.09 -0.52	27.89 -0.11 -0.37	27.33 -0.05 -0.38	27.73 -0.11 -0.19	28.66 -0.08 -0.61	36.58 -0.18 -0.40	42.84 -0.04 -2.06	40.17 -0.12 -1.86	35.61 -0.17 -1.98	32.64 -0.23 0.66	35.99 -0.28 -1.03	37.71 -0.25 -2.04	41.20 -0.19 -2.82	43.14 -0.12 -2.25	46.62 -0.22 -2.31	53.75 -0.15 -2.52	65.77 -0.19 -2.86	70.43 0.00 -4.16	63.92 0.12 -4.43	54.78 0.15 -4.02	45.08 0.13 -2.02	38.89 0.00 -1.83	36.41 0.10 -2.77
FITZPATRICK___ 23598	30.11 -0.83 0.00	28.22 -0.69 0.00	26.94 -0.69 0.00	26.33 -0.67 0.00	26.93 -0.72 0.00	27.45 -0.68 0.00	35.38 -0.98 0.00	16.70 -0.98 23.14	15.00 -1.00 22.42	12.20 -0.88 20.71	11.60 -0.87 21.06	12.90 -0.99 21.36	13.00 -1.01 21.92	4.59 -1.00 32.98	15.80 -1.07 24.15	18.91 -1.20 24.42	20.70 -1.28 29.40	23.80 -1.58 37.72	10.96 -1.52 53.78	0.00 -1.31 58.07	0.00 -1.07 49.54	17.80 -0.99 24.15	15.00 -0.89 21.17	0.00 -0.71 32.83
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.73 1.79 0.00	30.39 1.47 0.00	28.90 1.27 0.00	28.14 1.13 0.00	28.83 1.19 0.00	29.36 1.24 0.00	38.22 1.85 0.00	42.74 1.92 0.00	40.54 1.65 -0.47	35.89 1.62 -0.48	35.06 1.84 0.32	37.40 1.97 -0.18	38.48 2.12 -0.44	41.32 2.20 -0.55	44.03 2.30 -0.72	48.05 2.63 -0.88	55.15 2.93 -0.84	67.56 3.53 -0.93	70.68 3.45 -0.97	62.65 2.85 -0.42	53.29 2.68 0.00	45.26 2.32 0.00	39.09 2.04 0.00	35.12 1.58 0.00
FORT ORANGE___ 23900	31.50 0.56 0.00	29.38 0.46 0.00	28.15 0.52 0.00	27.52 0.51 0.00	28.23 0.58 0.00	28.63 0.51 0.00	37.05 0.69 0.00	41.47 0.65 0.00	38.41 0.42 0.44	33.68 0.34 0.45	33.14 0.30 0.70	35.03 0.32 0.53	35.80 0.29 0.41	38.25 0.19 0.51	40.59 0.25 0.68	44.11 0.40 0.83	50.96 0.36 0.78	62.73 0.50 0.87	65.76 0.40 0.91	59.34 0.36 0.40	51.10 0.51 0.01	43.37 0.43 0.00	37.00 0.33 0.39	33.98 0.43 0.00
FORT_DRUM_COGEN 23780	37.25 0.68 -5.63	35.57 0.87 -5.78	32.46 0.72 -4.11	31.91 0.68 -4.23	30.60 0.83 -2.13	35.97 1.04 -6.80	42.47 1.67 -4.43	48.57 2.08 -5.67	44.07 1.65 -3.99	41.35 0.98 -6.58	40.05 0.70 -5.82	42.05 0.67 -6.14	42.68 0.43 -6.33	45.94 0.54 -6.82	48.67 0.66 -7.00	52.98 1.02 -7.42	58.94 1.39 -6.16	69.32 2.33 -3.89	75.59 2.98 -6.34	68.54 2.97 -6.20	61.12 2.58 -7.93	49.33 1.93 -4.46	43.14 1.48 -4.60	41.28 1.41 -6.33
FOX_HILLS___ESR 323835	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.33 1.32 0.00	29.06 1.41 0.00	29.59 1.46 0.00	38.58 2.22 0.00	42.80 2.37 0.39	41.06 2.04 -0.61	36.54 2.13 -0.62	35.82 2.52 0.24	38.33 2.78 -0.30	39.41 2.91 -0.58	42.34 3.05 -0.72	45.00 3.04 -0.95	48.90 3.21 -1.15	56.12 3.65 -1.09	68.60 4.29 -1.21	71.50 3.98 -1.26	63.31 3.38 -0.55	53.79 3.19 0.00	45.51 2.58 0.00	39.69 2.63 0.00	35.59 2.05 -0.01
FPL_FAR_ROCK_GT1 24212	33.73 2.79 -0.01	31.09 2.17 0.00	29.32 1.69 0.00	28.44 1.43 0.00	29.17 1.52 0.00	29.82 1.69 0.00	38.91 2.54 0.00	43.45 2.61 -0.02	41.77 2.77 -0.58	37.20 2.80 -0.61	36.36 3.05 0.23	38.86 3.31 -0.29	39.94 3.45 -0.57	44.69 3.59 -2.52	45.71 3.77 -0.92	49.75 4.09 -1.12	57.11 4.68 -1.05	69.82 5.55 -1.16	72.66 5.17 -1.22	64.36 4.46 -0.53	54.67 4.05 -0.02	46.58 3.65 0.00	40.41 3.34 -0.02	36.23 2.68 -0.01
FPL_FAR_ROCK_GT2 23815	33.73 2.79 -0.01	31.09 2.17 0.00	29.32 1.69 0.00	28.44 1.43 0.00	29.17 1.52 0.00	29.82 1.69 0.00	38.91 2.54 0.00	43.45 2.61 -0.02	41.77 2.77 -0.58	37.20 2.80 -0.61	36.36 3.05 0.23	38.86 3.31 -0.29	39.94 3.45 -0.57	44.69 3.59 -2.52	45.71 3.77 -0.92	49.75 4.09 -1.12	57.11 4.68 -1.05	69.82 5.55 -1.16	72.66 5.17 -1.22	64.36 4.46 -0.53	54.67 4.05 -0.02	46.58 3.65 0.00	40.41 3.34 -0.02	36.23 2.68 -0.01
FRANKLIN_FALL_HYD 24054	39.42 0.80 -7.68	37.52 0.72 -7.88	33.89 0.66 -5.60	33.42 0.65 -5.76	31.18 0.64 -2.90	38.15 0.76 -9.27	43.53 1.16 -6.00	47.16 1.27 -5.07	42.84 1.54 -2.88	41.68 1.32 -6.57	41.47 1.31 -6.62	42.87 1.30 -6.32	43.35 1.33 -6.10	45.45 1.35 -5.52	49.33 1.56 -6.75	53.57 1.74 -7.29	58.37 1.95 -5.03	66.89 2.78 -1.02	71.65 2.85 -2.53	63.78 2.55 -1.85	57.48 1.72 -5.16	47.67 1.42 -3.32	42.05 1.15 -3.85	39.39 0.97 -4.88

FREEPORT_EQUUS_GT1 23764	33.42 2.48 0.00	30.79 1.88 0.00	29.04 1.41 0.00	28.17 1.16 0.00	28.92 1.27 0.00	29.53 1.41 0.00	38.51 2.14 0.00	43.00 2.16 -0.02	41.35 2.34 -0.58	36.79 2.40 -0.60	35.95 2.65 0.24	38.43 2.89 -0.29	39.50 3.02 -0.56	43.94 3.12 -2.24	45.17 3.24 -0.92	49.17 3.52 -1.12	56.39 3.96 -1.05	68.93 4.67 -1.16	71.73 4.24 -1.21	63.53 3.62 -0.53	54.01 3.39 -0.02	46.07 3.13 0.00	40.00 2.93 -0.01	35.89 2.35 0.00
FREEPORT___CT2 23818	33.42 2.48 0.00	30.79 1.88 0.00	29.04 1.41 0.00	28.17 1.16 0.00	28.92 1.27 0.00	29.53 1.41 0.00	38.51 2.14 0.00	43.00 2.16 -0.02	41.35 2.34 -0.58	36.79 2.40 -0.60	35.95 2.65 0.24	38.43 2.89 -0.29	39.50 3.02 -0.56	43.94 3.12 -2.24	45.17 3.24 -0.92	49.17 3.52 -1.12	56.39 3.96 -1.05	68.93 4.67 -1.16	71.73 4.24 -1.21	63.53 3.62 -0.53	54.01 3.39 -0.02	46.07 3.13 0.00	40.00 2.93 -0.01	35.89 2.35 0.00
FRESHKLS_33_KV_LOAD 356253	33.42 2.48 -0.01	30.95 2.02 -0.01	29.29 1.66 0.00	28.41 1.40 0.00	29.17 1.52 0.00	29.67 1.55 0.00	38.65 2.29 0.00	42.99 2.49 0.32	40.99 1.96 -0.61	36.54 2.13 -0.62	35.78 2.48 0.24	38.30 2.75 -0.30	39.32 2.84 -0.56	42.25 2.97 -0.70	44.94 2.99 -0.93	48.79 3.12 -1.14	56.01 3.55 -1.08	68.65 4.35 -1.20	71.44 3.91 -1.26	63.43 3.50 -0.55	53.89 3.29 0.00	45.47 2.53 0.00	39.65 2.59 0.00	35.70 2.15 -0.01
FULTON COGEN____ 23766	31.17 -0.46 -0.70	29.25 -0.38 -0.71	27.78 -0.36 -0.51	27.18 -0.35 -0.52	27.52 -0.39 -0.26	28.63 -0.34 -0.84	36.40 -0.51 -0.55	45.00 -0.45 -4.63	42.26 -0.46 -4.29	37.65 -0.47 -4.33	36.57 -0.54 -3.57	38.80 -0.56 -4.12	39.85 -0.57 -4.50	44.43 -0.58 -6.43	45.40 -0.57 -4.96	48.89 -0.71 -5.06	56.41 -0.72 -5.75	69.09 -0.88 -6.87	75.44 -0.73 -9.90	69.45 -0.53 -10.61	59.53 -0.46 -9.38	47.20 -0.39 -4.65	40.81 -0.41 -4.16	39.66 -0.23 -6.35
FULTON___LFGE 323630	32.73 1.79 0.00	30.68 1.76 0.00	29.29 1.66 0.00	28.63 1.62 0.00	29.36 1.71 0.00	29.98 1.86 0.00	38.87 2.51 0.00	43.23 2.41 0.00	39.24 1.15 0.34	33.85 0.41 0.35	32.68 -0.07 0.79	34.57 -0.18 0.50	35.32 -0.29 0.32	37.95 -0.23 0.40	40.41 -0.08 0.52	44.30 0.40 0.64	52.01 1.23 0.60	65.14 2.71 0.67	69.75 4.18 0.70	63.16 4.09 0.31	54.24 3.65 0.01	45.86 2.92 0.00	39.43 2.37 0.00	35.59 2.05 0.00
G.F.CEMENT___DRP 24184	33.38 2.44 0.00	31.32 2.40 0.00	29.87 2.24 0.00	29.17 2.16 0.00	29.91 2.27 0.00	30.54 2.42 0.00	39.45 3.09 0.00	44.21 3.39 0.00	40.26 2.46 0.62	35.05 1.89 0.64	34.33 1.58 0.78	36.12 1.55 0.68	36.78 1.44 0.58	39.58 1.74 0.73	40.92 0.86 0.96	44.53 1.16 1.17	52.23 1.95 1.11	64.71 2.84 1.23	68.36 3.38 1.29	62.02 3.21 0.56	53.49 2.88 0.00	45.34 2.40 0.00	40.44 2.96 -0.42	36.26 2.72 0.00
GARDENVILLE___LBMP 24039	30.38 -0.56 0.00	29.18 0.26 0.00	27.57 -0.06 0.00	26.84 -0.16 0.00	27.34 -0.30 0.00	28.24 0.11 0.00	35.38 -0.98 0.00	42.20 -0.82 -2.19	39.78 -0.77 -2.12	35.21 -0.54 -1.96	33.41 -0.80 -0.68	35.94 -0.85 -1.54	37.24 -0.75 -2.08	41.28 -0.42 -3.13	42.85 -0.45 -2.29	45.61 -1.25 -2.32	52.99 -1.18 -2.79	65.29 -1.39 -3.58	70.55 -0.86 -5.14	64.30 -0.59 -5.52	54.81 -0.51 -4.71	44.71 -0.52 -2.29	38.65 -0.41 -2.00	36.93 0.30 -3.09
GARDNVLA_35_KV_LD 355827	30.44 -0.50 0.00	29.26 0.35 0.00	27.66 0.03 0.00	26.92 -0.08 0.00	27.40 -0.25 0.00	28.29 0.17 0.00	35.49 -0.87 0.00	42.40 -0.61 -2.19	39.96 -0.58 -2.12	35.34 -0.41 -1.96	33.57 -0.64 -0.67	36.08 -0.70 -1.53	37.42 -0.57 -2.07	41.47 -0.23 -3.12	43.05 -0.25 -2.28	45.82 -1.02 -2.31	53.24 -0.92 -2.78	65.66 -1.01 -3.57	70.86 -0.53 -5.12	64.64 -0.24 -5.50	55.10 -0.20 -4.69	44.88 -0.34 -2.28	38.80 -0.26 -2.00	37.06 0.44 -3.09
GELCKHM___115KV_LOAD 80723	31.16 -0.34 -0.57	29.26 -0.23 -0.58	27.79 -0.25 -0.41	27.21 -0.22 -0.42	27.58 -0.28 -0.21	28.58 -0.23 -0.68	36.45 -0.36 -0.45	42.96 -0.29 -2.43	40.32 -0.31 -2.20	35.78 -0.34 -2.33	33.35 -0.40 -0.22	36.40 -0.42 -1.57	37.93 -0.40 -2.40	41.52 -0.39 -3.33	43.33 -0.33 -2.64	46.80 -0.45 -2.71	53.90 -0.46 -2.98	66.01 -0.50 -3.41	70.82 -0.40 -4.95	64.41 -0.24 -5.28	55.17 -0.20 -4.77	45.15 -0.17 -2.39	39.00 -0.22 -2.16	36.71 -0.10 -3.27
GENERAL___MILLS 23808	30.41 -0.53 0.00	29.23 0.32 0.00	27.63 0.00 0.00	26.87 -0.14 0.00	27.37 -0.28 0.00	28.27 0.14 0.00	35.45 -0.91 0.00	42.36 -0.65 -2.19	39.89 -0.65 -2.12	35.31 -0.44 -1.96	33.54 -0.67 -0.68	36.04 -0.74 -1.53	37.38 -0.61 -2.07	41.43 -0.27 -3.13	43.01 -0.29 -2.28	45.78 -1.07 -2.31	53.19 -0.98 -2.79	65.54 -1.14 -3.57	70.80 -0.60 -5.12	64.53 -0.36 -5.51	55.00 -0.30 -4.70	44.84 -0.39 -2.29	38.76 -0.30 -2.00	37.03 0.40 -3.09
GE_PLASTICS___DRP 24183	31.50 0.56 0.00	29.38 0.46 0.00	28.12 0.50 0.00	27.52 0.51 0.00	28.17 0.53 0.00	28.60 0.48 0.00	37.02 0.65 0.00	41.47 0.65 0.32	38.61 0.50 0.33	33.91 0.44 0.63	33.38 0.47 0.43	35.28 0.46 0.43	36.06 0.43 0.30	38.28 0.08 0.37	40.61 0.08 0.49	44.12 0.18 0.60	50.97 0.15 0.57	62.60 0.13 0.63	65.61 0.00 0.66	59.03 -0.06 0.29	50.70 0.10 0.00	43.07 0.13 0.00	36.99 0.19 0.25	33.98 0.44 0.00
GILBOA___1 23756	31.56 0.62 0.00	29.46 0.55 0.00	28.43 0.80 0.00	27.92 0.92 0.00	28.47 0.83 0.00	28.80 0.67 0.00	37.05 0.69 0.00	41.55 0.74 0.00	39.00 0.58 0.00	34.33 0.54 0.00	33.16 0.53 0.91	35.51 0.60 0.34	36.53 0.61 0.00	39.23 0.66 0.00	41.71 0.70 0.00	45.34 0.80 0.00	52.05 0.67 0.00	63.67 0.57 0.00	66.74 0.47 0.00	59.85 0.47 0.00	51.36 0.76 0.00	43.75 0.81 0.00	37.76 0.70 0.00	34.11 0.57 0.00
GILBOA___2 23757	31.56 0.62 0.00	29.46 0.55 0.00	28.43 0.80 0.00	27.92 0.92 0.00	28.47 0.83 0.00	28.80 0.67 0.00	37.05 0.69 0.00	41.55 0.74 0.00	39.00 0.58 0.00	34.33 0.54 0.00	33.16 0.53 0.91	35.51 0.60 0.34	36.53 0.61 0.00	39.23 0.66 0.00	41.71 0.70 0.00	45.34 0.80 0.00	52.05 0.67 0.00	63.67 0.57 0.00	66.74 0.47 0.00	59.85 0.47 0.00	51.36 0.76 0.00	43.75 0.81 0.00	37.76 0.70 0.00	34.11 0.57 0.00
GILBOA___3 23758	31.56 0.62 0.00	29.46 0.55 0.00	28.43 0.80 0.00	27.92 0.92 0.00	28.47 0.83 0.00	28.80 0.67 0.00	37.05 0.69 0.00	41.55 0.74 0.00	39.00 0.58 0.00	34.33 0.54 0.00	33.16 0.53 0.91	35.51 0.60 0.34	36.53 0.61 0.00	39.23 0.66 0.00	41.71 0.70 0.00	45.34 0.80 0.00	52.05 0.67 0.00	63.67 0.57 0.00	66.74 0.47 0.00	59.85 0.47 0.00	51.36 0.76 0.00	43.75 0.81 0.00	37.76 0.70 0.00	34.11 0.57 0.00
GILBOA___4 23759	31.56 0.62 0.00	29.46 0.55 0.00	28.43 0.80 0.00	27.92 0.92 0.00	28.47 0.83 0.00	28.80 0.67 0.00	37.05 0.69 0.00	41.55 0.74 0.00	39.00 0.58 0.00	34.33 0.54 0.00	33.16 0.53 0.91	35.51 0.60 0.34	36.53 0.61 0.00	39.23 0.66 0.00	41.71 0.70 0.00	45.34 0.80 0.00	52.05 0.67 0.00	63.67 0.57 0.00	66.74 0.47 0.00	59.85 0.47 0.00	51.36 0.76 0.00	43.75 0.81 0.00	37.76 0.70 0.00	34.11 0.57 0.00

GILBOA____ 23599	31.56 0.62 0.00	29.46 0.55 0.00	28.43 0.80 0.00	27.92 0.92 0.00	28.61 0.97 0.00	28.80 0.68 0.00	37.05 0.69 0.00	41.55 0.73 0.00	39.00 0.58 0.00	34.33 0.54 0.00	33.20 0.57 0.90	35.51 0.60 0.33	36.53 0.61 0.00	39.23 0.66 0.00	41.67 0.66 0.00	45.25 0.71 0.00	52.05 0.67 0.00	63.60 0.50 0.00	66.67 0.40 0.00	59.79 0.42 0.00	51.31 0.71 0.00	43.71 0.77 0.00	37.76 0.70 0.00	34.11 0.57 0.00
GINNA____ 23603	29.30 -1.64 0.00	27.76 -1.16 0.00	26.38 -1.24 0.00	25.74 -1.27 0.00	26.35 -1.30 0.00	26.92 -1.21 0.00	34.40 -1.96 0.00	41.19 -2.65 -3.02	38.75 -2.61 -2.94	34.32 -2.20 -2.72	33.40 -2.18 -2.04	35.35 -2.43 -2.54	36.39 -2.41 -2.88	40.51 -2.39 -4.33	41.68 -2.50 -3.17	44.80 -2.94 -3.21	52.11 -3.14 -3.86	64.14 -3.91 -4.95	69.62 -3.71 -7.06	63.79 -3.21 -7.62	54.47 -2.63 -6.50	43.57 -2.53 -3.17	37.57 -2.26 -2.78	36.01 -1.84 -4.31
GLEN PARK____ 23778	37.11 0.84 -5.33	35.40 1.01 -5.48	32.35 0.83 -3.89	31.79 0.78 -4.00	30.63 0.97 -2.01	35.74 1.18 -6.44	42.41 1.85 -4.19	48.72 2.33 -5.57	44.26 1.84 -3.99	41.30 1.08 -6.42	40.00 0.80 -5.66	41.99 0.74 -6.00	42.63 0.50 -6.20	45.96 0.62 -6.77	48.57 0.70 -6.86	52.91 1.11 -7.26	59.10 1.59 -6.12	69.79 2.65 -4.04	76.16 3.38 -6.52	69.12 3.32 -6.42	61.47 2.88 -7.98	49.54 2.15 -4.45	43.36 1.74 -4.56	41.46 1.61 -6.31
GLENDALE_27_KV_LOAD 356172	33.26 2.32 0.00	30.77 1.85 0.00	29.17 1.55 0.00	28.33 1.32 0.00	29.06 1.41 0.00	29.64 1.52 0.00	38.62 2.25 0.00	43.41 2.37 -0.23	41.26 2.23 -0.61	36.68 2.26 -0.62	35.92 2.62 0.24	38.43 2.89 -0.29	39.55 3.05 -0.57	42.49 3.20 -0.71	45.19 3.24 -0.94	49.16 3.47 -1.14	56.32 3.85 -1.09	68.78 4.48 -1.20	71.77 4.24 -1.26	63.37 3.44 -0.55	53.84 3.24 0.00	45.64 2.71 0.00	39.72 2.67 0.00	35.59 2.05 0.00
GLENWOOD_IC_1_G5 23712	33.20 2.26 0.00	30.68 1.76 0.00	29.01 1.38 0.00	28.19 1.19 0.00	28.86 1.22 0.00	29.50 1.38 0.00	38.47 2.11 0.00	42.96 2.12 -0.02	41.26 2.23 -0.61	36.68 2.26 -0.62	35.87 2.55 0.22	38.31 2.75 -0.31	39.42 2.91 -0.59	44.30 3.01 -2.72	45.04 3.08 -0.95	49.04 3.34 -1.16	55.86 3.39 -1.09	68.22 3.91 -1.20	71.11 3.58 -1.26	62.77 2.85 -0.55	53.39 2.78 0.00	45.60 2.66 0.00	39.70 2.63 -0.02	35.59 2.05 0.00
GLENWOOD_IC_2_G1 23688	33.01 2.07 0.00	30.50 1.59 0.00	28.93 1.30 0.00	28.11 1.11 0.00	28.83 1.19 0.00	29.39 1.27 0.00	38.32 1.96 0.00	42.88 2.04 -0.02	41.04 2.03 -0.58	36.45 2.06 -0.60	35.57 2.28 0.25	38.06 2.54 -0.28	39.17 2.70 -0.55	42.16 2.81 -0.77	44.83 2.91 -0.90	48.80 3.16 -1.10	55.82 3.39 -1.05	68.30 4.04 -1.16	71.19 3.71 -1.21	63.05 3.14 -0.53	53.56 2.93 -0.02	45.60 2.66 0.00	39.46 2.41 0.00	35.38 1.84 0.00
GLENWOOD_IC_3_G1 23689	33.01 2.07 0.00	30.50 1.59 0.00	28.93 1.30 0.00	28.11 1.11 0.00	28.83 1.19 0.00	29.39 1.27 0.00	38.32 1.96 0.00	42.88 2.04 -0.02	41.04 2.03 -0.58	36.45 2.06 -0.60	35.57 2.28 0.25	38.06 2.54 -0.28	39.17 2.70 -0.55	42.16 2.81 -0.77	44.83 2.91 -0.90	48.80 3.16 -1.10	55.82 3.39 -1.05	68.30 4.04 -1.16	71.19 3.71 -1.21	63.05 3.14 -0.53	53.56 2.93 -0.02	45.60 2.66 0.00	39.46 2.41 0.00	35.38 1.84 0.00
GLENWOOD____4 23550	33.20 2.26 0.00	30.68 1.76 0.00	29.01 1.38 0.00	28.19 1.19 0.00	28.86 1.22 0.00	29.50 1.38 0.00	38.47 2.11 0.00	42.96 2.12 -0.02	41.26 2.23 -0.61	36.68 2.26 -0.62	35.87 2.55 0.22	38.31 2.75 -0.31	39.42 2.91 -0.59	44.30 3.01 -2.72	45.04 3.08 -0.95	49.04 3.34 -1.16	56.02 3.55 -1.09	68.41 4.10 -1.20	71.30 3.78 -1.26	62.95 3.03 -0.55	53.54 2.94 0.00	45.60 2.66 0.00	39.70 2.63 -0.02	35.59 2.05 0.00
GLENWOOD____5 23614	33.20 2.26 0.00	30.68 1.76 0.00	29.01 1.38 0.00	28.19 1.19 0.00	28.86 1.22 0.00	29.50 1.38 0.00	38.47 2.11 0.00	42.96 2.12 -0.02	41.26 2.23 -0.61	36.68 2.26 -0.62	35.87 2.55 0.22	38.31 2.75 -0.31	39.42 2.91 -0.59	44.30 3.01 -2.72	45.04 3.08 -0.95	49.04 3.34 -1.16	56.02 3.55 -1.09	68.41 4.10 -1.20	71.30 3.78 -1.26	62.95 3.03 -0.55	53.54 2.94 0.00	45.60 2.66 0.00	39.70 2.63 -0.02	35.59 2.05 0.00
GLOBAL GREEN_PORT_GT1 23814	34.13 3.19 0.00	31.37 2.46 0.00	29.45 1.82 0.00	28.54 1.54 0.00	29.25 1.60 0.00	29.95 1.83 0.00	39.16 2.80 0.00	43.82 2.98 -0.02	42.23 3.23 -0.58	37.54 3.14 -0.60	36.85 3.55 0.24	39.37 3.84 -0.28	40.50 4.02 -0.56	44.81 4.40 -1.84	46.48 4.55 -0.91	50.46 4.81 -1.11	57.77 5.34 -1.05	70.45 6.19 -1.16	73.11 5.63 -1.21	64.83 4.93 -0.53	55.18 4.56 -0.02	47.23 4.29 0.00	40.81 3.74 -0.01	36.69 3.15 0.00
GLOBE____DSASP 323697	29.52 -1.42 0.00	28.48 -0.43 0.00	27.46 -0.17 0.00	26.71 -0.30 0.00	27.18 -0.47 0.00	28.07 -0.06 0.00	34.29 -2.07 0.00	40.60 -2.65 -2.43	38.51 -2.27 -2.35	34.21 -1.76 -2.17	32.60 -2.01 -1.07	34.85 -2.22 -1.82	36.07 -2.16 -2.30	39.96 -2.08 -3.47	41.29 -2.26 -2.53	43.72 -3.38 -2.56	50.67 -3.80 -3.09	62.26 -4.80 -3.95	67.25 -4.64 -5.62	61.72 -3.74 -6.09	52.66 -3.14 -5.20	43.24 -2.23 -2.54	37.50 -1.78 -2.22	36.30 -0.67 -3.43
GOETHSLN____LBMP 323567	32.86 1.92 0.00	30.36 1.45 0.00	28.84 1.22 0.00	28.00 1.00 0.00	28.70 1.05 0.00	29.31 1.18 0.00	38.22 1.85 0.00	42.50 1.88 0.19	40.83 1.81 -0.61	36.27 1.86 -0.62	35.51 2.21 0.24	37.97 2.43 -0.29	39.08 2.59 -0.57	41.99 2.70 -0.71	44.70 2.75 -0.94	48.67 2.98 -1.14	55.71 3.24 -1.09	67.96 3.66 -1.20	71.04 3.51 -1.26	62.66 2.73 -0.55	53.24 2.63 0.00	45.21 2.28 0.00	39.24 2.19 0.00	35.12 1.58 0.00
GOLAH____69_KV_TB 1_2 80279	30.72 -0.22 0.00	29.26 0.35 0.00	27.71 0.08 0.00	27.00 0.00 0.00	27.59 -0.06 0.00	28.32 0.20 0.00	35.89 -0.47 0.00	42.73 -0.98 -2.89	40.30 -0.92 -2.80	35.60 -0.78 -2.58	34.39 -0.94 -1.79	36.62 -0.99 -2.36	37.72 -0.93 -2.73	41.92 -0.77 -4.11	43.25 -0.78 -3.01	46.25 -1.34 -3.05	53.61 -1.44 -3.67	66.16 -1.64 -4.70	71.71 -1.26 -6.70	65.90 -0.71 -7.24	56.27 -0.51 -6.18	45.35 -0.60 -3.01	39.07 -0.63 -2.64	37.47 -0.17 -4.10
GOODYEAR_LAKE_HYD 323669	31.96 1.02 0.00	29.90 0.98 0.00	28.59 0.97 0.00	27.98 0.97 0.00	28.72 1.08 0.00	29.17 1.04 0.00	37.78 1.42 0.00	41.91 1.51 0.42	39.13 1.11 0.41	34.23 0.81 0.38	32.29 0.74 1.98	35.05 0.78 0.98	36.24 0.72 0.40	38.83 0.85 0.60	41.52 0.94 0.44	45.25 1.16 0.44	52.34 1.49 0.53	64.50 2.08 0.68	67.75 2.45 0.97	60.64 2.32 1.05	51.88 2.18 0.90	44.26 1.76 0.44	38.12 1.45 0.38	34.19 1.24 0.60
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.09 0.15 0.00	29.23 0.32 0.00	27.88 0.25 0.00	27.27 0.27 0.00	27.87 0.22 0.00	28.44 0.31 0.00	36.54 0.18 0.00	40.65 0.45 0.62	38.09 0.27 0.60	33.47 0.24 0.56	29.78 0.13 3.89	33.59 0.14 1.80	35.55 0.22 0.59	38.07 0.39 0.89	40.82 0.45 0.65	44.19 0.31 0.66	51.11 0.51 0.79	62.72 0.63 1.01	65.75 0.93 1.44	58.76 0.95 1.56	50.18 0.91 1.33	43.02 0.73 0.65	37.04 0.56 0.57	33.29 0.64 0.89

GOUDEY___7 23579	31.09 0.15 0.00	29.23 0.32 0.00	27.88 0.25 0.00	27.27 0.27 0.00	27.87 0.22 0.00	28.44 0.31 0.00	36.54 0.18 0.00	40.65 0.45 0.62	38.09 0.27 0.60	33.47 0.24 0.56	29.78 0.13 3.89	33.59 0.14 1.80	35.55 0.22 0.59	38.07 0.39 0.89	40.82 0.45 0.65	44.19 0.31 0.66	51.11 0.51 0.79	62.72 0.63 1.01	65.75 0.93 1.44	58.76 0.95 1.56	50.18 0.91 1.33	43.02 0.73 0.65	37.04 0.56 0.57	33.29 0.64 0.89
GOUDEY___8 23580	31.09 0.15 0.00	29.23 0.32 0.00	27.88 0.25 0.00	27.27 0.27 0.00	27.87 0.22 0.00	28.44 0.31 0.00	36.54 0.18 0.00	40.65 0.45 0.62	38.09 0.27 0.60	33.47 0.24 0.56	29.78 0.13 3.89	33.59 0.14 1.80	35.55 0.22 0.59	38.07 0.39 0.89	40.82 0.45 0.65	44.19 0.31 0.66	51.11 0.51 0.79	62.72 0.63 1.01	65.75 0.93 1.44	58.76 0.95 1.56	50.18 0.91 1.33	43.02 0.73 0.65	37.04 0.56 0.57	33.29 0.64 0.89
GOWANUS_GT1_1 24077	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.36 1.35 0.00	29.08 1.44 0.00	29.62 1.49 0.00	38.62 2.25 0.00	44.21 2.41 -0.98	41.18 2.15 -0.61	36.65 2.23 -0.62	35.92 2.62 0.24	38.45 2.89 -0.31	39.53 3.02 -0.59	42.47 3.16 -0.73	45.17 3.20 -0.96	49.09 3.38 -1.17	56.29 3.80 -1.10	68.74 4.42 -1.22	71.70 4.17 -1.26	63.43 3.50 -0.55	53.89 3.29 0.00	45.64 2.71 0.00	39.76 2.71 0.00	35.63 2.08 -0.01
GOWANUS_GT1_2 24078	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.36 1.35 0.00	29.08 1.44 0.00	29.62 1.49 0.00	38.62 2.25 0.00	44.21 2.41 -0.98	41.18 2.15 -0.61	36.65 2.23 -0.62	35.92 2.62 0.24	38.45 2.89 -0.31	39.53 3.02 -0.59	42.47 3.16 -0.73	45.17 3.20 -0.96	49.09 3.38 -1.17	56.29 3.80 -1.10	68.74 4.42 -1.22	71.70 4.17 -1.26	63.43 3.50 -0.55	53.89 3.29 0.00	45.64 2.71 0.00	39.76 2.71 0.00	35.63 2.08 -0.01
GOWANUS_GT1_3 24079	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.36 1.35 0.00	29.08 1.44 0.00	29.62 1.49 0.00	38.62 2.25 0.00	44.21 2.41 -0.98	41.18 2.15 -0.61	36.65 2.23 -0.62	35.92 2.62 0.24	38.45 2.89 -0.31	39.53 3.02 -0.59	42.47 3.16 -0.73	45.17 3.20 -0.96	49.09 3.38 -1.17	56.29 3.80 -1.10	68.74 4.42 -1.22	71.70 4.17 -1.26	63.43 3.50 -0.55	53.89 3.29 0.00	45.64 2.71 0.00	39.76 2.71 0.00	35.63 2.08 -0.01
GOWANUS_GT1_4 24080	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.36 1.35 0.00	29.08 1.44 0.00	29.62 1.49 0.00	38.62 2.25 0.00	44.21 2.41 -0.98	41.18 2.15 -0.61	36.65 2.23 -0.62	35.92 2.62 0.24	38.45 2.89 -0.31	39.53 3.02 -0.59	42.47 3.16 -0.73	45.17 3.20 -0.96	49.09 3.38 -1.17	56.29 3.80 -1.10	68.74 4.42 -1.22	71.70 4.17 -1.26	63.43 3.50 -0.55	53.89 3.29 0.00	45.64 2.71 0.00	39.76 2.71 0.00	35.63 2.08 -0.01
GOWANUS_GT1_5 24084	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.36 1.35 0.00	29.08 1.44 0.00	29.62 1.49 0.00	38.62 2.25 0.00	44.21 2.41 -0.98	41.18 2.15 -0.61	36.65 2.23 -0.62	35.92 2.62 0.24	38.45 2.89 -0.31	39.53 3.02 -0.59	42.47 3.16 -0.73	45.17 3.20 -0.96	49.09 3.38 -1.17	56.29 3.80 -1.10	68.74 4.42 -1.22	71.70 4.17 -1.26	63.43 3.50 -0.55	53.89 3.29 0.00	45.64 2.71 0.00	39.76 2.71 0.00	35.63 2.08 -0.01
GOWANUS_GT1_6 24111	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.36 1.35 0.00	29.08 1.44 0.00	29.62 1.49 0.00	38.62 2.25 0.00	44.21 2.41 -0.98	41.18 2.15 -0.61	36.65 2.23 -0.62	35.92 2.62 0.24	38.45 2.89 -0.31	39.53 3.02 -0.59	42.47 3.16 -0.73	45.17 3.20 -0.96	49.09 3.38 -1.17	56.29 3.80 -1.10	68.74 4.42 -1.22	71.70 4.17 -1.26	63.43 3.50 -0.55	53.89 3.29 0.00	45.64 2.71 0.00	39.76 2.71 0.00	35.63 2.08 -0.01
GOWANUS_GT1_7 24112	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.36 1.35 0.00	29.08 1.44 0.00	29.62 1.49 0.00	38.62 2.25 0.00	44.21 2.41 -0.98	41.18 2.15 -0.61	36.65 2.23 -0.62	35.92 2.62 0.24	38.45 2.89 -0.31	39.53 3.02 -0.59	42.47 3.16 -0.73	45.17 3.20 -0.96	49.09 3.38 -1.17	56.29 3.80 -1.10	68.74 4.42 -1.22	71.70 4.17 -1.26	63.43 3.50 -0.55	53.89 3.29 0.00	45.64 2.71 0.00	39.76 2.71 0.00	35.63 2.08 -0.01
GOWANUS_GT1_8 24113	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.36 1.35 0.00	29.08 1.44 0.00	29.62 1.49 0.00	38.62 2.25 0.00	44.21 2.41 -0.98	41.18 2.15 -0.61	36.65 2.23 -0.62	35.92 2.62 0.24	38.45 2.89 -0.31	39.53 3.02 -0.59	42.47 3.16 -0.73	45.17 3.20 -0.96	49.09 3.38 -1.17	56.29 3.80 -1.10	68.74 4.42 -1.22	71.70 4.17 -1.26	63.43 3.50 -0.55	53.89 3.29 0.00	45.64 2.71 0.00	39.76 2.71 0.00	35.63 2.08 -0.01
GOWANUS_GT2_1 24114	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	42.67 2.04 0.19	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.45 2.92 -0.28	39.53 3.05 -0.56	42.51 3.24 -0.69	45.25 3.32 -0.91	49.17 3.52 -1.11	56.29 3.86 -1.05	68.81 4.55 -1.17	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
GOWANUS_GT2_2 24115	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	42.67 2.04 0.19	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.45 2.92 -0.28	39.53 3.05 -0.56	42.51 3.24 -0.69	45.25 3.32 -0.91	49.17 3.52 -1.11	56.29 3.86 -1.05	68.81 4.55 -1.17	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
GOWANUS_GT2_3 24116	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	42.67 2.04 0.19	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.45 2.92 -0.28	39.53 3.05 -0.56	42.51 3.24 -0.69	45.25 3.32 -0.91	49.17 3.52 -1.11	56.29 3.86 -1.05	68.81 4.55 -1.17	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
GOWANUS_GT2_4 24117	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	42.67 2.04 0.19	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.45 2.92 -0.28	39.53 3.05 -0.56	42.51 3.24 -0.69	45.25 3.32 -0.91	49.17 3.52 -1.11	56.29 3.86 -1.05	68.81 4.55 -1.17	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
GOWANUS_GT2_5 24118	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	42.67 2.04 0.19	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.45 2.92 -0.28	39.53 3.05 -0.56	42.51 3.24 -0.69	45.25 3.32 -0.91	49.17 3.52 -1.11	56.29 3.86 -1.05	68.81 4.55 -1.17	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01

GOWANUS_GT2_6 24119	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	42.67 2.04 0.19	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.45 2.92 -0.28	39.53 3.05 -0.56	42.51 3.24 -0.69	45.25 3.32 -0.91	49.17 3.52 -1.11	56.29 3.86 -1.05	68.81 4.55 -1.17	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
GOWANUS_GT2_7 24120	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	42.67 2.04 0.19	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.45 2.92 -0.28	39.53 3.05 -0.56	42.51 3.24 -0.69	45.25 3.32 -0.91	49.17 3.52 -1.11	56.29 3.86 -1.05	68.81 4.55 -1.17	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
GOWANUS_GT2_8 24121	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	42.67 2.04 0.19	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.45 2.92 -0.28	39.53 3.05 -0.56	42.51 3.24 -0.69	45.25 3.32 -0.91	49.17 3.52 -1.11	56.29 3.86 -1.05	68.81 4.55 -1.17	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
GOWANUS_GT3_1 24122	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	43.84 2.04 -0.98	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.46 2.92 -0.29	39.54 3.05 -0.57	42.52 3.24 -0.70	45.26 3.32 -0.93	49.18 3.52 -1.13	56.30 3.86 -1.06	68.82 4.55 -1.18	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
GOWANUS_GT3_2 24123	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	43.84 2.04 -0.98	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.46 2.92 -0.29	39.54 3.05 -0.57	42.52 3.24 -0.70	45.26 3.32 -0.93	49.18 3.52 -1.13	56.30 3.86 -1.06	68.82 4.55 -1.18	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
GOWANUS_GT3_3 24124	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	43.84 2.04 -0.98	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.46 2.92 -0.29	39.54 3.05 -0.57	42.52 3.24 -0.70	45.26 3.32 -0.93	49.18 3.52 -1.13	56.30 3.86 -1.06	68.82 4.55 -1.18	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
GOWANUS_GT3_4 24125	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	43.84 2.04 -0.98	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.46 2.92 -0.29	39.54 3.05 -0.57	42.52 3.24 -0.70	45.26 3.32 -0.93	49.18 3.52 -1.13	56.30 3.86 -1.06	68.82 4.55 -1.18	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
GOWANUS_GT3_5 24126	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	43.84 2.04 -0.98	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.46 2.92 -0.29	39.54 3.05 -0.57	42.52 3.24 -0.70	45.26 3.32 -0.93	49.18 3.52 -1.13	56.30 3.86 -1.06	68.82 4.55 -1.18	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
GOWANUS_GT3_6 24127	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	43.84 2.04 -0.98	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.46 2.92 -0.29	39.54 3.05 -0.57	42.52 3.24 -0.70	45.26 3.32 -0.93	49.18 3.52 -1.13	56.30 3.86 -1.06	68.82 4.55 -1.18	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
GOWANUS_GT3_7 24128	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	43.84 2.04 -0.98	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.46 2.92 -0.29	39.54 3.05 -0.57	42.52 3.24 -0.70	45.26 3.32 -0.93	49.18 3.52 -1.13	56.30 3.86 -1.06	68.82 4.55 -1.18	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
GOWANUS_GT3_8 24129	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	43.84 2.04 -0.98	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.46 2.92 -0.29	39.54 3.05 -0.57	42.52 3.24 -0.70	45.26 3.32 -0.93	49.18 3.52 -1.13	56.30 3.86 -1.06	68.82 4.55 -1.18	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
GOWANUS_GT4_1 24130	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.36 1.35 0.00	29.08 1.44 0.00	29.62 1.49 0.00	38.62 2.25 0.00	43.04 2.41 0.19	41.18 2.15 -0.61	36.65 2.23 -0.62	35.92 2.62 0.24	38.44 2.89 -0.30	39.52 3.02 -0.58	42.46 3.16 -0.72	45.16 3.20 -0.95	49.08 3.38 -1.16	56.28 3.80 -1.09	68.73 4.42 -1.21	71.70 4.17 -1.26	63.43 3.50 -0.55	53.89 3.29 0.00	45.64 2.71 0.00	39.76 2.71 0.00	35.63 2.08 -0.01
GOWANUS_GT4_2 24131	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.36 1.35 0.00	29.08 1.44 0.00	29.62 1.49 0.00	38.62 2.25 0.00	43.04 2.41 0.19	41.18 2.15 -0.61	36.65 2.23 -0.62	35.92 2.62 0.24	38.44 2.89 -0.30	39.52 3.02 -0.58	42.46 3.16 -0.72	45.16 3.20 -0.95	49.08 3.38 -1.16	56.28 3.80 -1.09	68.73 4.42 -1.21	71.70 4.17 -1.26	63.43 3.50 -0.55	53.89 3.29 0.00	45.64 2.71 0.00	39.76 2.71 0.00	35.63 2.08 -0.01
GOWANUS_GT4_3 24132	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.36 1.35 0.00	29.08 1.44 0.00	29.62 1.49 0.00	38.62 2.25 0.00	43.04 2.41 0.19	41.18 2.15 -0.61	36.65 2.23 -0.62	35.92 2.62 0.24	38.44 2.89 -0.30	39.52 3.02 -0.58	42.46 3.16 -0.72	45.16 3.20 -0.95	49.08 3.38 -1.16	56.28 3.80 -1.09	68.73 4.42 -1.21	71.70 4.17 -1.26	63.43 3.50 -0.55	53.89 3.29 0.00	45.64 2.71 0.00	39.76 2.71 0.00	35.63 2.08 -0.01
GOWANUS_GT4_4 24133	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.36 1.35 0.00	29.08 1.44 0.00	29.62 1.49 0.00	38.62 2.25 0.00	43.04 2.41 0.19	41.18 2.15 -0.61	36.65 2.23 -0.62	35.92 2.62 0.24	38.44 2.89 -0.30	39.52 3.02 -0.58	42.46 3.16 -0.72	45.16 3.20 -0.95	49.08 3.38 -1.16	56.28 3.80 -1.09	68.73 4.42 -1.21	71.70 4.17 -1.26	63.43 3.50 -0.55	53.89 3.29 0.00	45.64 2.71 0.00	39.76 2.71 0.00	35.63 2.08 -0.01

GOWANUS_GT4_5 24134	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.36 1.35 0.00	29.08 1.44 0.00	29.62 1.49 0.00	38.62 2.25 0.00	43.04 2.41 0.19	41.18 2.15 -0.61	36.65 2.23 -0.62	35.92 2.62 0.24	38.44 2.89 -0.30	39.52 3.02 -0.58	42.46 3.16 -0.72	45.16 3.20 -0.95	49.08 3.38 -1.16	56.28 3.80 -1.09	68.73 4.42 -1.21	71.70 4.17 -1.26	63.43 3.50 -0.55	53.89 3.29 0.00	45.64 2.71 0.00	39.76 2.71 0.00	35.63 2.08 -0.01
GOWANUS_GT4_6 24135	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.36 1.35 0.00	29.08 1.44 0.00	29.62 1.49 0.00	38.62 2.25 0.00	43.04 2.41 0.19	41.18 2.15 -0.61	36.65 2.23 -0.62	35.92 2.62 0.24	38.44 2.89 -0.30	39.52 3.02 -0.58	42.46 3.16 -0.72	45.16 3.20 -0.95	49.08 3.38 -1.16	56.28 3.80 -1.09	68.73 4.42 -1.21	71.70 4.17 -1.26	63.43 3.50 -0.55	53.89 3.29 0.00	45.64 2.71 0.00	39.76 2.71 0.00	35.63 2.08 -0.01
GOWANUS_GT4_7 24136	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.36 1.35 0.00	29.08 1.44 0.00	29.62 1.49 0.00	38.62 2.25 0.00	43.04 2.41 0.19	41.18 2.15 -0.61	36.65 2.23 -0.62	35.92 2.62 0.24	38.44 2.89 -0.30	39.52 3.02 -0.58	42.46 3.16 -0.72	45.16 3.20 -0.95	49.08 3.38 -1.16	56.28 3.80 -1.09	68.73 4.42 -1.21	71.70 4.17 -1.26	63.43 3.50 -0.55	53.89 3.29 0.00	45.64 2.71 0.00	39.76 2.71 0.00	35.63 2.08 -0.01
GOWANUS_GT4_8 24137	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.36 1.35 0.00	29.08 1.44 0.00	29.62 1.49 0.00	38.62 2.25 0.00	43.04 2.41 0.19	41.18 2.15 -0.61	36.65 2.23 -0.62	35.92 2.62 0.24	38.44 2.89 -0.30	39.52 3.02 -0.58	42.46 3.16 -0.72	45.16 3.20 -0.95	49.08 3.38 -1.16	56.28 3.80 -1.09	68.73 4.42 -1.21	71.70 4.17 -1.26	63.43 3.50 -0.55	53.89 3.29 0.00	45.64 2.71 0.00	39.76 2.71 0.00	35.63 2.08 -0.01
GREATVRV_69_KV_BK1 356245	34.00 3.06 0.00	31.29 2.37 0.00	29.40 1.77 0.00	28.49 1.49 0.00	29.17 1.52 0.00	29.95 1.83 0.00	39.16 2.80 0.00	43.70 2.86 -0.02	42.22 3.19 -0.61	37.56 3.14 -0.62	36.83 3.52 0.22	39.25 3.70 -0.30	40.38 3.88 -0.58	44.64 4.17 -1.90	46.23 4.27 -0.95	50.24 4.54 -1.15	57.61 5.14 -1.09	70.24 5.93 -1.20	73.09 5.57 -1.26	64.44 4.51 -0.55	55.11 4.50 0.00	46.80 3.86 0.00	40.81 3.74 -0.01	36.63 3.09 0.00
GREENBSH_115KV_TB3 55895	31.34 0.40 0.00	29.23 0.32 0.00	28.01 0.39 0.00	27.41 0.41 0.00	28.03 0.39 0.00	28.49 0.37 0.00	36.87 0.51 0.00	41.35 0.53 0.00	38.28 0.31 0.45	33.63 0.30 0.47	33.13 0.30 0.70	34.98 0.28 0.55	35.75 0.25 0.43	38.19 0.15 0.53	40.48 0.16 0.70	43.95 0.27 0.86	50.78 0.21 0.81	62.38 0.19 0.90	65.46 0.13 0.94	58.96 0.00 0.41	50.81 0.20 0.00	43.15 0.21 0.00	36.89 0.22 0.39	33.84 0.30 0.00
GREENDGE_115KV_TB5 80291	31.13 0.19 0.00	29.38 0.46 0.00	27.93 0.30 0.00	27.33 0.32 0.00	27.87 0.22 0.00	28.58 0.45 0.00	36.65 0.29 0.00	42.37 0.90 -0.65	39.90 0.85 -0.63	34.95 0.57 -0.58	31.67 0.34 2.20	35.10 0.28 0.43	36.97 0.43 -0.62	39.89 0.39 -0.93	42.23 0.53 -0.68	45.63 0.40 -0.69	53.09 0.87 -0.83	65.49 1.33 -1.07	69.78 1.99 -1.53	63.04 2.02 -1.64	53.57 1.57 -1.40	44.86 1.25 -0.68	38.84 1.19 -0.60	35.80 1.34 -0.92
GREENIDGE___3 23582	31.13 0.19 0.00	29.38 0.46 0.00	27.93 0.30 0.00	27.33 0.32 0.00	27.87 0.22 0.00	28.58 0.45 0.00	36.65 0.29 0.00	42.37 0.90 -0.65	39.90 0.85 -0.63	34.95 0.57 -0.58	31.67 0.34 2.20	35.10 0.28 0.43	36.97 0.43 -0.62	39.89 0.39 -0.93	42.23 0.53 -0.68	45.63 0.40 -0.69	53.09 0.87 -0.83	65.49 1.33 -1.07	69.78 1.99 -1.53	63.04 2.02 -1.64	53.57 1.57 -1.40	44.86 1.25 -0.68	38.84 1.19 -0.60	35.80 1.34 -0.92
GREENIDGE___4 23583	31.13 0.19 0.00	29.38 0.46 0.00	27.93 0.30 0.00	27.33 0.33 0.00	27.89 0.25 0.00	28.57 0.45 0.00	36.69 0.33 0.00	42.41 0.94 -0.65	39.89 0.88 -0.58	34.97 0.64 -0.54	31.67 0.43 2.31	35.03 0.28 0.50	36.89 0.40 -0.57	39.81 0.39 -0.85	42.13 0.49 -0.62	45.62 0.45 -0.63	53.17 1.03 -0.76	65.46 1.39 -0.98	69.85 2.18 -1.40	62.96 2.08 -1.51	53.56 1.67 -1.29	44.76 1.20 -0.62	38.79 1.19 -0.55	35.73 1.34 -0.85
GREENLWN_69_KV_BK 3 55738	33.04 2.10 0.00	30.42 1.50 0.00	28.65 1.02 0.00	27.82 0.81 0.00	28.48 0.83 0.00	29.17 1.04 0.00	38.07 1.71 0.00	42.15 1.31 -0.02	40.99 1.96 -0.61	36.48 2.06 -0.62	35.69 2.38 0.22	38.06 2.50 -0.30	39.13 2.62 -0.58	42.90 2.43 -1.90	44.22 2.26 -0.95	48.10 2.41 -1.15	55.19 2.72 -1.09	67.40 3.09 -1.20	70.11 2.58 -1.26	61.82 1.90 -0.55	52.68 2.07 0.00	44.74 1.80 0.00	39.51 2.45 -0.01	35.49 1.95 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.36 1.35 0.00	29.08 1.44 0.00	29.62 1.49 0.00	38.62 2.25 0.00	43.04 2.41 0.19	41.18 2.15 -0.61	36.65 2.23 -0.62	35.92 2.62 0.24	38.44 2.89 -0.30	39.52 3.02 -0.58	42.46 3.16 -0.72	45.16 3.20 -0.95	49.08 3.38 -1.16	56.28 3.80 -1.09	68.73 4.42 -1.21	71.70 4.17 -1.26	63.43 3.50 -0.55	53.89 3.29 0.00	45.64 2.71 0.00	39.76 2.71 0.00	35.63 2.08 -0.01
GRISSOM___SOLAR 323813	32.64 1.70 0.00	30.59 1.68 0.00	29.20 1.57 0.00	28.54 1.54 0.00	29.28 1.63 0.00	29.87 1.74 0.00	38.72 2.36 0.00	43.10 2.28 0.00	39.15 1.07 0.34	33.78 0.34 0.35	32.60 -0.17 0.77	34.43 -0.32 0.50	35.17 -0.43 0.32	37.78 -0.39 0.40	40.28 -0.20 0.53	44.11 0.22 0.65	51.85 1.08 0.62	64.94 2.53 0.68	69.46 3.91 0.71	62.87 3.80 0.31	53.98 3.39 0.01	45.64 2.71 0.00	39.28 2.22 0.00	35.45 1.91 0.00
GROVEVILLE___HYD 323602	32.73 1.79 0.00	30.39 1.47 0.00	28.90 1.27 0.00	28.14 1.13 0.00	28.83 1.19 0.00	29.36 1.24 0.00	38.22 1.85 0.00	42.74 1.92 0.00	40.54 1.65 -0.47	35.89 1.62 -0.48	35.06 1.84 0.32	37.40 1.97 -0.18	38.48 2.12 -0.44	41.32 2.20 -0.55	44.03 2.30 -0.72	48.05 2.63 -0.88	55.15 2.93 -0.84	67.56 3.53 -0.93	70.68 3.45 -0.97	62.65 2.85 -0.42	53.29 2.68 0.00	45.26 2.32 0.00	39.09 2.04 0.00	35.12 1.58 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.29 -0.15 -0.51	29.35 -0.09 -0.52	27.89 -0.11 -0.37	27.33 -0.05 -0.38	27.73 -0.11 -0.19	28.66 -0.08 -0.61	36.58 -0.18 -0.40	42.84 -0.04 -2.06	40.17 -0.12 -1.86	35.61 -0.17 -1.98	32.64 -0.23 0.66	35.99 -0.28 -1.03	37.71 -0.25 -2.04	41.20 -0.19 -2.82	43.14 -0.12 -2.25	46.62 -0.22 -2.31	53.75 -0.15 -2.52	65.77 -0.19 -2.86	70.43 0.00 -4.16	63.92 0.12 -4.43	54.78 0.15 -4.02	45.08 0.13 -2.02	38.89 0.00 -1.83	36.41 0.10 -2.77
HAMLTNNY_34_KV_TB 80303	31.29 -0.09 -0.44	29.42 0.06 -0.45	27.95 0.00 -0.32	27.36 0.03 -0.33	27.76 -0.06 -0.17	28.68 0.03 -0.53	36.29 -0.07 0.00	42.81 0.04 -1.95	40.19 0.00 -1.77	35.56 -0.10 -1.87	32.53 -0.20 0.81	35.94 -0.21 -0.90	37.70 -0.14 -1.92	41.21 -0.04 -2.68	43.18 0.04 -2.12	46.62 -0.09 -2.17	53.83 0.05 -2.39	65.91 0.06 -2.75	70.59 0.33 -3.99	64.10 0.47 -4.25	54.85 0.40 -3.84	45.16 0.30 -1.92	38.94 0.15 -1.74	36.41 0.23 -2.63

HAMPSHIRE___PAPER_HYD 323593	45.53 0.34 -14.25	44.01 0.46 -14.64	38.41 0.39 -10.40	38.08 0.38 -10.70	33.47 0.44 -5.38	45.87 0.53 -17.21	48.58 1.02 -11.20	52.35 1.22 -10.30	45.72 1.11 -6.18	47.47 0.68 -13.01	46.67 0.53 -12.60	48.18 0.56 -12.37	48.53 0.43 -12.17	50.53 0.46 -11.49	54.90 0.41 -13.48	59.61 0.58 -14.50	62.61 0.77 -10.45	67.74 1.39 -3.25	74.64 1.72 -6.65	66.57 1.66 -5.54	63.28 1.27 -11.41	50.95 0.94 -7.06	45.93 0.93 -7.94	44.63 0.80 -10.28
HARDSCRABBLE_WT_PWR 323673	31.67 0.25 -0.48	29.67 0.26 -0.50	28.23 0.25 -0.35	27.61 0.24 -0.36	28.11 0.28 -0.18	29.02 0.31 -0.59	37.27 0.51 -0.40	41.77 0.61 -0.34	39.08 0.46 -0.19	34.56 0.34 -0.43	34.27 0.30 -0.44	35.98 0.32 -0.42	36.58 0.25 -0.40	39.25 0.31 -0.37	41.79 0.33 -0.45	45.47 0.45 -0.48	52.23 0.51 -0.33	63.80 0.63 -0.07	67.17 0.73 -0.17	60.15 0.65 -0.12	51.60 0.66 -0.34	43.71 0.56 -0.22	37.76 0.45 -0.25	34.27 0.40 -0.32
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.42 1.49 0.00	30.13 1.21 0.00	28.65 1.02 0.00	27.92 0.92 0.00	28.61 0.97 0.00	29.14 1.01 0.00	37.93 1.56 0.00	42.41 1.59 0.00	40.32 1.38 -0.51	35.70 1.39 -0.53	34.81 1.61 0.34	37.21 1.76 -0.20	38.31 1.90 -0.48	41.18 2.01 -0.60	43.90 2.09 -0.79	47.87 2.36 -0.97	54.92 2.62 -0.92	67.21 3.09 -1.02	70.31 2.98 -1.06	62.33 2.49 -0.46	52.98 2.38 0.00	44.96 2.02 0.00	38.84 1.78 0.00	34.88 1.34 0.00
HARSNRAD_115KV_TB1 81005	30.38 -0.56 0.00	29.23 0.32 0.00	27.43 -0.19 0.00	26.68 -0.32 0.00	27.18 -0.47 0.00	28.07 -0.06 0.00	35.13 -1.24 0.00	41.60 -1.67 -2.46	39.27 -1.54 -2.38	34.77 -1.22 -2.20	33.20 -1.44 -1.11	35.51 -1.59 -1.85	36.78 -1.47 -2.33	40.84 -1.23 -3.50	42.27 -1.31 -2.56	44.86 -2.27 -2.59	52.14 -2.36 -3.12	64.33 -2.78 -4.01	69.54 -2.45 -5.72	63.71 -1.84 -6.18	54.35 -1.52 -5.27	44.08 -1.42 -2.56	38.19 -1.11 -2.25	36.83 -0.20 -3.49
HARZA MOOSE___RIVER 24016	35.46 0.53 -3.99	33.71 0.69 -4.10	31.15 0.61 -2.91	30.60 0.59 -3.00	29.84 0.69 -1.51	33.73 0.79 -4.82	40.78 1.27 -3.15	45.65 1.55 -3.28	41.80 1.27 -2.11	38.60 0.81 -4.00	37.45 0.64 -3.28	39.52 0.67 -3.60	40.21 0.50 -3.78	42.96 0.62 -3.77	45.90 0.70 -4.19	49.95 0.94 -4.48	55.99 1.18 -3.42	66.53 1.89 -1.54	71.34 2.32 -2.76	64.09 2.20 -2.52	56.55 1.92 -4.02	46.78 1.46 -2.38	40.79 1.15 -2.58	38.05 1.07 -3.43
HDSNBRDG_115KV_BRDG_TB1 355580	31.18 -0.34 -0.58	29.28 -0.23 -0.60	27.80 -0.25 -0.42	27.23 -0.22 -0.44	27.59 -0.28 -0.22	28.60 -0.23 -0.70	36.46 -0.36 -0.46	40.93 -0.29 -0.40	38.34 -0.31 -0.23	33.97 -0.34 -0.52	29.94 -0.40 3.19	33.95 -0.42 0.87	35.97 -0.43 -0.48	38.58 -0.42 -0.43	41.13 -0.41 -0.53	44.58 -0.53 -0.57	51.27 -0.51 -0.39	62.55 -0.63 -0.08	65.94 -0.53 -0.20	59.16 -0.36 -0.15	50.76 -0.25 -0.40	42.98 -0.21 -0.26	37.06 -0.30 -0.30	33.76 -0.17 -0.38
HELLGATE_13_KV_LD 55870	33.29 2.35 0.00	30.80 1.88 0.00	29.21 1.57 0.00	28.39 1.38 0.00	29.09 1.44 0.00	29.64 1.52 0.00	38.62 2.25 0.00	43.31 2.33 -0.17	41.22 2.19 -0.61	36.65 2.23 -0.62	35.88 2.58 0.24	38.40 2.86 -0.29	39.51 3.02 -0.57	42.45 3.16 -0.71	45.15 3.20 -0.94	49.11 3.43 -1.14	56.27 3.80 -1.09	68.66 4.35 -1.20	71.64 4.11 -1.26	63.31 3.38 -0.55	53.79 3.19 0.00	45.60 2.66 0.00	39.76 2.71 0.00	35.59 2.05 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.29 2.35 0.00	30.80 1.88 0.00	29.21 1.57 0.00	28.39 1.38 0.00	29.09 1.44 0.00	29.64 1.52 0.00	38.62 2.25 0.00	43.31 2.33 -0.17	41.22 2.19 -0.61	36.65 2.23 -0.62	35.88 2.58 0.24	38.40 2.86 -0.29	39.51 3.02 -0.57	42.45 3.16 -0.71	45.15 3.20 -0.94	49.11 3.43 -1.14	56.27 3.80 -1.09	68.66 4.35 -1.20	71.64 4.11 -1.26	63.31 3.38 -0.55	53.79 3.19 0.00	45.60 2.66 0.00	39.76 2.71 0.00	35.59 2.05 0.00
HEMPSTEAD____ 23647	33.17 2.23 0.00	30.59 1.68 0.00	28.87 1.24 0.00	28.03 1.03 0.00	28.75 1.11 0.00	29.36 1.24 0.00	38.25 1.89 0.00	42.76 1.92 -0.02	41.12 2.11 -0.58	36.52 2.13 -0.60	35.68 2.38 0.24	38.18 2.64 -0.29	39.25 2.77 -0.56	43.89 2.89 -2.42	44.89 2.95 -0.92	48.86 3.21 -1.12	55.93 3.50 -1.05	68.36 4.10 -1.16	71.12 3.64 -1.21	62.93 3.03 -0.53	53.51 2.88 -0.02	45.69 2.75 0.00	39.66 2.59 -0.01	35.55 2.01 0.00
HICKLING___1 23621	31.22 0.28 0.00	29.49 0.58 0.00	28.04 0.41 0.00	27.44 0.43 0.00	27.95 0.30 0.00	28.66 0.53 0.00	36.62 0.25 0.00	41.60 0.78 0.00	38.96 0.54 0.00	34.17 0.37 0.00	30.86 0.17 2.84	34.31 0.11 1.05	36.21 0.29 0.00	39.16 0.58 -0.01	41.72 0.70 0.00	44.94 0.40 0.00	52.16 0.77 -0.01	64.18 1.07 -0.01	67.95 1.66 -0.02	61.17 1.78 -0.02	52.08 1.47 -0.01	44.14 1.20 0.00	37.99 0.93 0.00	34.71 1.17 0.00
HICKLING___2 23622	31.22 0.28 0.00	29.49 0.58 0.00	28.04 0.41 0.00	27.44 0.43 0.00	27.95 0.30 0.00	28.66 0.53 0.00	36.62 0.25 0.00	41.60 0.78 0.00	38.96 0.54 0.00	34.17 0.37 0.00	30.86 0.17 2.84	34.31 0.11 1.05	36.21 0.29 0.00	39.16 0.58 -0.01	41.72 0.70 0.00	44.94 0.40 0.00	52.16 0.77 -0.01	64.18 1.07 -0.01	67.95 1.66 -0.02	61.17 1.78 -0.02	52.08 1.47 -0.01	44.14 1.20 0.00	37.99 0.93 0.00	34.71 1.17 0.00
HIGH FALLS___HY 23754	32.86 1.92 0.00	30.48 1.56 0.00	28.95 1.33 0.00	28.19 1.19 0.00	28.89 1.24 0.00	29.42 1.29 0.00	38.40 2.04 0.00	42.82 2.00 0.00	40.46 1.73 -0.31	35.77 1.66 -0.32	35.01 1.88 0.40	37.27 1.97 -0.05	38.33 2.12 -0.29	41.18 2.24 -0.36	43.87 2.38 -0.48	47.88 2.76 -0.58	55.07 3.13 -0.56	67.50 3.79 -0.62	70.69 3.78 -0.64	62.86 3.21 -0.28	53.59 2.99 0.00	45.47 2.53 0.00	39.24 2.19 0.00	35.18 1.64 0.00
HIGH_RIVER___SOLAR 323847	32.14 1.21 0.00	30.04 1.13 0.00	28.70 1.08 0.00	28.06 1.05 0.00	28.75 1.11 0.00	29.28 1.15 0.00	37.92 1.56 0.00	42.33 1.51 0.00	38.82 0.77 0.37	33.72 0.30 0.38	32.80 -0.03 0.70	34.69 -0.07 0.49	35.47 -0.11 0.35	37.99 -0.15 0.43	40.36 -0.08 0.57	44.07 0.22 0.70	51.50 0.77 0.66	64.00 1.64 0.73	67.89 2.38 0.77	61.35 2.31 0.33	52.72 2.12 0.01	44.66 1.72 0.00	38.50 1.44 0.00	34.82 1.27 0.00
HILLBURN___GT 23639	32.42 1.49 0.00	30.10 1.19 0.00	28.65 1.02 0.00	27.89 0.89 0.00	28.61 0.97 0.00	29.14 1.01 0.00	37.92 1.56 0.00	42.45 1.63 0.00	40.39 1.46 -0.51	35.77 1.45 -0.52	34.84 1.64 0.34	37.38 1.94 -0.20	38.45 2.05 -0.48	41.33 2.16 -0.60	44.10 2.30 -0.78	48.03 2.54 -0.96	55.02 2.72 -0.91	67.39 3.28 -1.01	70.37 3.05 -1.06	62.39 2.55 -0.46	53.05 2.43 -0.02	45.04 2.10 0.00	38.87 1.82 0.00	34.85 1.31 0.00
HILLSIDE_115KV_TB1 80332	30.72 -0.22 0.00	29.00 0.09 0.00	27.60 -0.03 0.00	26.98 -0.03 0.00	27.54 -0.11 0.00	28.21 0.08 0.00	36.03 -0.33 0.00	40.99 0.16 0.00	38.39 -0.04 0.00	33.76 -0.03 0.00	30.39 -0.17 2.98	33.94 -0.21 1.10	35.85 -0.07 0.00	38.70 0.12 -0.01	41.18 0.16 0.00	44.41 -0.13 0.00	51.49 0.10 0.00	63.30 0.19 -0.01	66.88 0.60 -0.02	60.10 0.71 -0.01	51.27 0.66 -0.01	43.46 0.52 0.00	37.43 0.37 0.00	34.11 0.57 0.00

HISHELDN_WT_PWR 323625	30.44 -0.50 0.00	29.17 0.26 0.00	27.63 0.00 0.00	26.87 -0.13 0.00	27.40 -0.25 0.00	28.21 0.08 0.00	35.53 -0.83 0.00	42.08 -0.61 -1.87	39.40 -0.85 -1.82	34.93 -0.54 -1.68	33.04 -0.64 -0.14	35.38 -1.02 -1.15	36.77 -0.93 -1.78	40.60 -0.66 -2.68	42.24 -0.74 -1.96	45.19 -1.33 -1.98	52.80 -0.98 -2.39	64.85 -1.33 -3.07	70.14 -0.53 -4.41	63.58 -0.54 -4.74	54.19 -0.46 -4.04	44.21 -0.69 -1.96	38.33 -0.44 -1.72	36.43 0.24 -2.65
HOLTSVILLE_IC_1 23690	33.32 2.38 0.00	30.65 1.73 0.00	28.81 1.19 0.00	27.92 0.92 0.00	28.67 1.02 0.00	29.33 1.21 0.00	38.36 2.00 0.00	42.88 2.04 -0.02	41.35 2.34 -0.58	36.72 2.33 -0.60	35.94 2.65 0.24	38.32 2.78 -0.28	39.39 2.91 -0.56	43.50 3.09 -1.84	45.04 3.12 -0.91	48.94 3.30 -1.11	56.03 3.60 -1.05	68.36 4.10 -1.16	70.99 3.51 -1.21	62.93 3.03 -0.53	53.61 2.98 -0.02	45.94 3.00 0.00	39.85 2.78 -0.01	35.82 2.28 0.00
HOLTSVILLE_IC_10 23699	33.48 2.54 0.00	30.79 1.88 0.00	28.93 1.30 0.00	28.06 1.05 0.00	28.78 1.13 0.00	29.45 1.32 0.00	38.54 2.18 0.00	43.12 2.28 -0.02	41.54 2.54 -0.58	36.93 2.54 -0.60	36.14 2.85 0.24	38.53 2.99 -0.28	39.64 3.16 -0.56	43.77 3.35 -1.85	45.37 3.45 -0.91	49.30 3.65 -1.11	56.49 4.06 -1.05	68.86 4.60 -1.16	71.52 4.04 -1.21	63.47 3.56 -0.53	54.01 3.39 -0.02	46.29 3.35 0.00	40.11 3.04 -0.01	36.02 2.48 0.00
HOLTSVILLE_IC_2 23691	33.32 2.38 0.00	30.65 1.73 0.00	28.81 1.19 0.00	27.92 0.92 0.00	28.67 1.02 0.00	29.33 1.21 0.00	38.36 2.00 0.00	42.88 2.04 -0.02	41.35 2.34 -0.58	36.72 2.33 -0.60	35.94 2.65 0.24	38.32 2.78 -0.28	39.39 2.91 -0.56	43.50 3.09 -1.84	45.04 3.12 -0.91	48.94 3.30 -1.11	56.03 3.60 -1.05	68.36 4.10 -1.16	70.99 3.51 -1.21	62.93 3.03 -0.53	53.61 2.98 -0.02	45.94 3.00 0.00	39.85 2.78 -0.01	35.82 2.28 0.00
HOLTSVILLE_IC_3 23692	33.32 2.38 0.00	30.65 1.73 0.00	28.81 1.19 0.00	27.92 0.92 0.00	28.67 1.02 0.00	29.33 1.21 0.00	38.36 2.00 0.00	42.88 2.04 -0.02	41.35 2.34 -0.58	36.72 2.33 -0.60	35.94 2.65 0.24	38.32 2.78 -0.28	39.39 2.91 -0.56	43.50 3.09 -1.84	45.04 3.12 -0.91	48.94 3.30 -1.11	56.03 3.60 -1.05	68.36 4.10 -1.16	70.99 3.51 -1.21	62.93 3.03 -0.53	53.61 2.98 -0.02	45.94 3.00 0.00	39.85 2.78 -0.01	35.82 2.28 0.00
HOLTSVILLE_IC_4 23693	33.32 2.38 0.00	30.65 1.73 0.00	28.81 1.19 0.00	27.92 0.92 0.00	28.67 1.02 0.00	29.33 1.21 0.00	38.36 2.00 0.00	42.88 2.04 -0.02	41.35 2.34 -0.58	36.72 2.33 -0.60	35.94 2.65 0.24	38.32 2.78 -0.28	39.39 2.91 -0.56	43.50 3.09 -1.84	45.04 3.12 -0.91	48.94 3.30 -1.11	56.03 3.60 -1.05	68.36 4.10 -1.16	70.99 3.51 -1.21	62.93 3.03 -0.53	53.61 2.98 -0.02	45.94 3.00 0.00	39.85 2.78 -0.01	35.82 2.28 0.00
HOLTSVILLE_IC_5 23694	33.32 2.38 0.00	30.65 1.73 0.00	28.81 1.19 0.00	27.92 0.92 0.00	28.67 1.02 0.00	29.33 1.21 0.00	38.36 2.00 0.00	42.88 2.04 -0.02	41.35 2.34 -0.58	36.72 2.33 -0.60	35.94 2.65 0.24	38.32 2.78 -0.28	39.39 2.91 -0.56	43.50 3.09 -1.84	45.04 3.12 -0.91	48.94 3.30 -1.11	56.03 3.60 -1.05	68.36 4.10 -1.16	70.99 3.51 -1.21	62.93 3.03 -0.53	53.61 2.98 -0.02	45.94 3.00 0.00	39.85 2.78 -0.01	35.82 2.28 0.00
HOLTSVILLE_IC_6 23695	33.48 2.54 0.00	30.79 1.88 0.00	28.93 1.30 0.00	28.06 1.05 0.00	28.78 1.13 0.00	29.45 1.32 0.00	38.54 2.18 0.00	43.12 2.28 -0.02	41.54 2.54 -0.58	36.93 2.54 -0.60	36.14 2.85 0.24	38.53 2.99 -0.28	39.64 3.16 -0.56	43.77 3.35 -1.85	45.37 3.45 -0.91	49.30 3.65 -1.11	56.49 4.06 -1.05	68.86 4.60 -1.16	71.52 4.04 -1.21	63.47 3.56 -0.53	54.01 3.39 -0.02	46.29 3.35 0.00	40.11 3.04 -0.01	36.02 2.48 0.00
HOLTSVILLE_IC_7 23696	33.48 2.54 0.00	30.79 1.88 0.00	28.93 1.30 0.00	28.06 1.05 0.00	28.78 1.13 0.00	29.45 1.32 0.00	38.54 2.18 0.00	43.12 2.28 -0.02	41.54 2.54 -0.58	36.93 2.54 -0.60	36.14 2.85 0.24	38.53 2.99 -0.28	39.64 3.16 -0.56	43.77 3.35 -1.85	45.37 3.45 -0.91	49.30 3.65 -1.11	56.49 4.06 -1.05	68.86 4.60 -1.16	71.52 4.04 -1.21	63.47 3.56 -0.53	54.01 3.39 -0.02	46.29 3.35 0.00	40.11 3.04 -0.01	36.02 2.48 0.00
HOLTSVILLE_IC_8 23697	33.48 2.54 0.00	30.79 1.88 0.00	28.93 1.30 0.00	28.06 1.05 0.00	28.78 1.13 0.00	29.45 1.32 0.00	38.54 2.18 0.00	43.12 2.28 -0.02	41.54 2.54 -0.58	36.93 2.54 -0.60	36.14 2.85 0.24	38.53 2.99 -0.28	39.64 3.16 -0.56	43.77 3.35 -1.85	45.37 3.45 -0.91	49.30 3.65 -1.11	56.49 4.06 -1.05	68.86 4.60 -1.16	71.52 4.04 -1.21	63.47 3.56 -0.53	54.01 3.39 -0.02	46.29 3.35 0.00	40.11 3.04 -0.01	36.02 2.48 0.00
HOLTSVILLE_IC_9 23698	33.48 2.54 0.00	30.79 1.88 0.00	28.93 1.30 0.00	28.06 1.05 0.00	28.78 1.13 0.00	29.45 1.32 0.00	38.54 2.18 0.00	43.12 2.28 -0.02	41.54 2.54 -0.58	36.93 2.54 -0.60	36.14 2.85 0.24	38.53 2.99 -0.28	39.64 3.16 -0.56	43.77 3.35 -1.85	45.37 3.45 -0.91	49.30 3.65 -1.11	56.49 4.06 -1.05	68.86 4.60 -1.16	71.52 4.04 -1.21	63.47 3.56 -0.53	54.01 3.39 -0.02	46.29 3.35 0.00	40.11 3.04 -0.01	36.02 2.48 0.00
HOMER_HL_115KV_TB2 355744	29.95 -0.99 0.00	28.68 -0.23 0.00	27.13 -0.50 0.00	26.44 -0.57 0.00	26.93 -0.72 0.00	27.82 -0.31 0.00	35.13 -1.24 0.00	43.52 0.90 -1.80	40.90 0.73 -1.74	36.18 0.78 -1.61	34.09 0.54 -0.02	36.91 0.60 -1.06	38.38 0.75 -1.70	42.30 1.16 -2.57	44.17 1.27 -1.88	46.80 0.36 -1.90	54.29 0.62 -2.29	66.92 0.88 -2.94	71.81 1.33 -4.21	65.27 1.37 -4.53	55.73 1.27 -3.87	46.11 1.29 -1.88	39.78 1.07 -1.65	37.49 1.41 -2.54
HOWARD_WT_PWR 323690	31.19 0.25 0.00	29.64 0.72 0.00	28.15 0.52 0.00	27.46 0.46 0.00	28.00 0.36 0.00	28.80 0.67 0.00	36.73 0.36 0.00	42.79 0.98 -0.99	39.54 0.35 -0.77	34.74 0.24 -0.71	31.79 0.03 1.78	34.81 -0.25 0.19	36.57 -0.11 -0.75	39.91 0.19 -1.14	42.09 0.25 -0.83	45.29 -0.09 -0.84	52.91 0.51 -1.01	65.03 0.63 -1.30	69.86 1.72 -1.87	62.92 1.54 -2.01	53.53 1.21 -1.71	44.58 0.81 -0.83	38.49 0.70 -0.73	35.81 1.14 -1.12
HQ_GEN_CEDARS 23644	60.27 0.03 -29.30	59.00 0.00 -30.08	49.00 0.00 -21.37	49.00 0.00 -22.00	38.70 0.00 -11.06	63.49 0.00 -35.37	63.78 0.04 -27.38	64.00 0.04 -23.14	51.83 0.27 -13.14	64.00 0.24 -29.97	64.00 0.23 -30.23	64.32 0.25 -28.82	64.00 0.25 -27.82	64.00 0.23 -25.19	72.08 0.25 -30.82	78.13 0.31 -33.28	74.66 0.31 -22.96	68.19 0.44 -4.65	78.26 0.46 -11.53	68.18 0.36 -8.45	74.15 0.00 -23.55	58.09 0.00 -15.15	54.61 0.00 -17.55	55.79 0.00 -22.25
HQ_GEN_CEDARS_PROXY 323590	60.27 0.03 -29.30	59.00 0.00 -30.08	49.00 0.00 -21.37	49.00 0.00 -22.00	38.70 0.00 -11.06	63.49 0.00 -35.37	63.81 0.07 -27.38	64.00 0.04 -23.14	51.83 0.27 -13.14	64.00 0.24 -29.97	64.00 0.24 -30.23	64.32 0.25 -28.82	64.00 0.25 -27.82	64.00 0.23 -25.19	72.00 0.16 -30.82	78.00 0.18 -33.28	74.50 0.15 -22.96	68.00 0.25 -4.65	78.00 0.20 -11.53	68.00 0.18 -8.45	74.00 -0.15 -23.55	58.00 -0.09 -15.15	54.61 0.00 -17.55	55.79 0.00 -22.25

HQ_GEN_IMPORT 323601	29.66 -0.22 1.06	27.63 -0.20 1.09	26.66 -0.19 0.77	26.02 -0.19 0.80	27.05 -0.19 0.40	26.65 -0.20 1.28	35.28 -0.22 0.87	39.80 -0.28 0.73	37.93 -0.08 0.42	32.78 -0.07 0.95	32.51 -0.07 0.96	34.27 -0.07 0.91	34.97 -0.07 0.88	37.66 -0.12 0.80	39.88 -0.16 0.97	43.31 -0.18 1.05	50.45 -0.20 0.73	62.70 -0.25 0.15	65.64 -0.26 0.36	58.87 -0.24 0.27	49.40 -0.46 0.74	42.11 -0.34 0.48	36.24 -0.26 0.55	32.60 -0.23 0.70
HQ_GEN_WHEEL 23651	29.66 -0.22 1.06	27.63 -0.20 1.09	26.66 -0.19 0.77	26.02 -0.19 0.80	27.05 -0.19 0.40	26.65 -0.20 1.28	35.28 -0.22 0.87	39.80 -0.28 0.73	37.93 -0.08 0.42	32.78 -0.07 0.95	32.51 -0.07 0.96	34.27 -0.07 0.91	34.97 -0.07 0.88	37.66 -0.12 0.80	39.88 -0.16 0.97	43.31 -0.18 1.05	50.45 -0.20 0.73	62.70 -0.25 0.15	65.64 -0.26 0.36	58.87 -0.24 0.27	49.40 -0.46 0.74	42.11 -0.34 0.48	36.24 -0.26 0.55	32.60 -0.23 0.70
HUDSON AVE_GT_3 23810	33.04 2.10 0.00	30.56 1.65 0.00	29.01 1.38 0.00	28.19 1.19 0.00	28.89 1.24 0.00	29.50 1.38 0.00	38.47 2.11 0.00	43.08 2.25 -0.02	41.14 2.11 -0.61	36.51 2.10 -0.62	35.75 2.45 0.24	38.22 2.68 -0.29	39.33 2.84 -0.57	42.29 3.01 -0.71	45.03 3.08 -0.94	49.02 3.34 -1.14	56.12 3.65 -1.09	68.53 4.23 -1.20	71.57 4.04 -1.26	63.19 3.27 -0.55	53.69 3.09 0.00	45.51 2.58 0.00	39.50 2.45 0.00	35.35 1.81 0.00
HUDSON AVE_GT_4 23540	33.04 2.10 0.00	30.56 1.65 0.00	29.01 1.38 0.00	28.19 1.19 0.00	28.89 1.24 0.00	29.50 1.38 0.00	38.47 2.11 0.00	43.08 2.25 -0.02	41.14 2.11 -0.61	36.51 2.10 -0.62	35.75 2.45 0.24	38.22 2.68 -0.29	39.33 2.84 -0.57	42.29 3.01 -0.71	45.03 3.08 -0.94	49.02 3.34 -1.14	56.12 3.65 -1.09	68.53 4.23 -1.20	71.57 4.04 -1.26	63.19 3.27 -0.55	53.69 3.09 0.00	45.51 2.58 0.00	39.50 2.45 0.00	35.35 1.81 0.00
HUDSON AVE_GT_5 23657	33.04 2.10 0.00	30.56 1.65 0.00	29.01 1.38 0.00	28.19 1.19 0.00	28.89 1.24 0.00	29.50 1.38 0.00	38.47 2.11 0.00	43.08 2.25 -0.02	41.14 2.11 -0.61	36.51 2.10 -0.62	35.75 2.45 0.24	38.22 2.68 -0.29	39.33 2.84 -0.57	42.29 3.01 -0.71	45.03 3.08 -0.94	49.02 3.34 -1.14	56.12 3.65 -1.09	68.53 4.23 -1.20	71.57 4.04 -1.26	63.19 3.27 -0.55	53.69 3.09 0.00	45.51 2.58 0.00	39.50 2.45 0.00	35.35 1.81 0.00
HUDSON_AVE_10 24168	32.98 2.04 0.00	30.51 1.59 0.00	28.95 1.33 0.00	28.11 1.11 0.00	28.81 1.16 0.00	29.42 1.29 0.00	38.40 2.04 0.00	43.00 2.16 -0.02	41.06 2.04 -0.61	36.48 2.06 -0.62	35.71 2.41 0.24	38.19 2.64 -0.29	39.29 2.80 -0.57	42.22 2.93 -0.71	44.94 2.99 -0.94	48.93 3.25 -1.14	56.02 3.55 -1.09	68.41 4.10 -1.20	71.50 3.98 -1.26	63.07 3.15 -0.55	53.59 2.99 0.00	45.47 2.53 0.00	39.43 2.37 0.00	35.29 1.74 0.00
HUDSON___115KV_TB 4 355613	31.90 0.96 0.00	29.75 0.84 0.00	28.48 0.86 0.00	27.84 0.84 0.00	28.50 0.86 0.00	28.97 0.84 0.00	37.53 1.16 0.00	41.80 0.98 0.00	38.54 0.58 0.45	33.80 0.47 0.47	33.23 0.40 0.70	35.09 0.39 0.55	35.82 0.32 0.43	38.31 0.27 0.53	40.64 0.33 0.70	44.21 0.53 0.86	51.24 0.67 0.81	63.08 0.88 0.90	66.32 0.99 0.94	59.79 0.83 0.41	51.51 0.91 0.00	43.67 0.73 0.00	37.30 0.63 0.39	34.21 0.67 0.00
HUNTER MOUNT___DRP 323613	31.99 1.05 0.00	29.87 0.95 0.00	28.57 0.94 0.00	27.92 0.92 0.00	28.61 0.97 0.00	29.05 0.93 0.00	37.67 1.31 0.00	42.33 1.51 0.00	39.73 1.31 0.00	34.77 0.98 0.00	33.92 0.87 0.49	35.84 0.78 0.18	36.71 0.79 0.00	39.11 0.54 0.00	41.67 0.66 0.00	45.61 1.07 0.00	52.87 1.49 0.00	65.24 2.15 0.00	68.79 2.52 0.00	61.69 2.32 0.00	52.12 1.52 0.00	44.27 1.33 0.00	38.38 1.48 0.16	34.85 1.31 0.00
HUNTINGTON_RES_REC 323705	33.23 2.29 0.00	30.56 1.65 0.00	28.76 1.13 0.00	27.89 0.89 0.00	28.61 0.97 0.00	29.28 1.15 0.00	38.29 1.93 0.00	42.68 1.84 -0.02	41.23 2.23 -0.58	36.66 2.26 -0.60	35.84 2.55 0.24	38.28 2.75 -0.28	39.39 2.91 -0.56	43.32 2.89 -1.85	44.75 2.83 -0.91	48.68 3.03 -1.11	55.82 3.39 -1.05	68.11 3.85 -1.16	70.73 3.25 -1.21	62.69 2.79 -0.53	53.40 2.78 -0.02	45.64 2.71 0.00	39.85 2.78 -0.01	35.72 2.18 0.00
HUNTLEY___63 23557	30.32 -0.62 0.00	29.20 0.29 0.00	27.74 0.11 0.00	26.98 -0.03 0.00	27.48 -0.17 0.00	28.38 0.25 0.00	35.23 -1.13 0.00	41.88 -1.31 -2.37	39.56 -1.15 -2.30	35.10 -0.81 -2.12	33.40 -1.11 -0.97	35.80 -1.20 -1.75	37.05 -1.11 -2.24	41.15 -0.81 -3.38	42.59 -0.90 -2.47	45.08 -1.96 -2.50	52.34 -2.06 -3.01	64.44 -2.52 -3.86	69.70 -2.12 -5.55	63.66 -1.66 -5.95	54.31 -1.37 -5.08	44.42 -0.99 -2.47	38.48 -0.74 -2.17	37.03 0.13 -3.35
HUNTLEY___64 23558	30.32 -0.62 0.00	29.20 0.29 0.00	27.74 0.11 0.00	26.98 -0.03 0.00	27.48 -0.17 0.00	28.38 0.25 0.00	35.23 -1.13 0.00	41.88 -1.31 -2.37	39.56 -1.15 -2.30	35.10 -0.81 -2.12	33.40 -1.11 -0.97	35.80 -1.20 -1.75	37.05 -1.11 -2.24	41.15 -0.81 -3.38	42.59 -0.90 -2.47	45.08 -1.96 -2.50	52.34 -2.06 -3.01	64.44 -2.52 -3.86	69.70 -2.12 -5.55	63.66 -1.66 -5.95	54.31 -1.37 -5.08	44.42 -0.99 -2.47	38.48 -0.74 -2.17	37.03 0.13 -3.35
HUNTLEY___65 23559	30.32 -0.62 0.00	29.20 0.29 0.00	27.74 0.11 0.00	26.98 -0.03 0.00	27.48 -0.17 0.00	28.38 0.25 0.00	35.23 -1.13 0.00	41.88 -1.31 -2.37	39.56 -1.15 -2.30	35.10 -0.81 -2.12	33.40 -1.11 -0.97	35.80 -1.20 -1.75	37.05 -1.11 -2.24	41.15 -0.81 -3.38	42.59 -0.90 -2.47	45.08 -1.96 -2.50	52.34 -2.06 -3.01	64.44 -2.52 -3.86	69.70 -2.12 -5.55	63.66 -1.66 -5.95	54.31 -1.37 -5.08	44.42 -0.99 -2.47	38.48 -0.74 -2.17	37.03 0.13 -3.35
HUNTLEY___66 23560	30.32 -0.62 0.00	29.20 0.29 0.00	27.74 0.11 0.00	26.98 -0.03 0.00	27.48 -0.17 0.00	28.38 0.25 0.00	35.23 -1.13 0.00	41.88 -1.31 -2.37	39.56 -1.15 -2.30	35.10 -0.81 -2.12	33.40 -1.11 -0.97	35.80 -1.20 -1.75	37.05 -1.11 -2.24	41.15 -0.81 -3.38	42.59 -0.90 -2.47	45.08 -1.96 -2.50	52.34 -2.06 -3.01	64.44 -2.52 -3.86	69.70 -2.12 -5.55	63.66 -1.66 -5.95	54.31 -1.37 -5.08	44.42 -0.99 -2.47	38.48 -0.74 -2.17	37.03 0.13 -3.35
HUNTLEY___67 23561	30.20 -0.74 0.00	29.03 0.12 0.00	27.46 -0.17 0.00	26.73 -0.27 0.00	27.20 -0.44 0.00	28.10 -0.03 0.00	35.09 -1.27 0.00	41.60 -1.55 -2.33	39.25 -1.42 -2.25	34.76 -1.12 -2.08	33.11 -1.34 -0.92	35.51 -1.45 -1.70	36.76 -1.37 -2.20	40.78 -1.12 -3.33	42.25 -1.19 -2.43	44.95 -2.05 -2.46	52.19 -2.16 -2.96	64.37 -2.52 -3.80	69.54 -2.19 -5.46	63.58 -1.66 -5.86	54.18 -1.42 -5.00	44.08 -1.29 -2.43	38.14 -1.04 -2.12	36.60 -0.20 -3.26
HUNTLEY___68 23562	30.20 -0.74 0.00	29.03 0.12 0.00	27.46 -0.17 0.00	26.73 -0.27 0.00	27.20 -0.44 0.00	28.10 -0.03 0.00	35.09 -1.27 0.00	41.60 -1.55 -2.33	39.25 -1.42 -2.25	34.76 -1.12 -2.08	33.11 -1.34 -0.92	35.51 -1.45 -1.70	36.76 -1.37 -2.20	40.78 -1.12 -3.33	42.25 -1.19 -2.43	44.95 -2.05 -2.46	52.19 -2.16 -2.96	64.37 -2.52 -3.80	69.54 -2.19 -5.46	63.58 -1.66 -5.86	54.18 -1.42 -5.00	44.08 -1.29 -2.43	38.14 -1.04 -2.12	36.60 -0.20 -3.26

HYLAND___LFGE 323620	32.11 1.18 0.00	30.50 1.59 0.00	28.95 1.33 0.00	28.22 1.22 0.00	28.83 1.19 0.00	29.59 1.46 0.00	37.85 1.49 0.00	44.32 1.67 -1.83	41.08 0.92 -1.73	35.83 0.44 -1.60	33.49 0.03 0.07	35.88 -0.39 -1.02	37.11 -0.50 -1.69	41.08 -0.04 -2.55	43.05 0.16 -1.87	46.56 0.13 -1.89	54.84 1.18 -2.27	68.03 2.02 -2.92	73.94 3.51 -4.16	67.49 3.62 -4.49	57.63 3.19 -3.83	46.95 2.15 -1.87	40.36 1.67 -1.64	37.78 1.71 -2.53
INDECK___CORINTH 23802	33.38 2.44 0.00	31.31 2.40 0.00	29.89 2.27 0.00	29.17 2.16 0.00	29.97 2.32 0.00	30.55 2.42 0.00	39.45 3.09 0.00	44.17 3.35 0.00	40.34 2.50 0.58	35.08 1.89 0.60	34.31 1.54 0.77	36.15 1.55 0.65	36.81 1.44 0.55	38.12 0.23 0.69	40.40 0.29 0.90	44.11 0.67 1.10	51.62 1.29 1.04	64.09 2.15 1.16	67.64 2.58 1.21	61.34 2.49 0.53	52.86 2.28 0.02	44.66 1.72 0.00	38.90 1.44 -0.40	36.29 2.75 0.00
INDECK___ILION 23567	31.67 0.25 -0.48	29.64 0.23 -0.50	28.20 0.22 -0.35	27.59 0.22 -0.36	28.08 0.25 -0.18	28.96 0.25 -0.59	37.16 0.40 -0.40	41.64 0.49 -0.34	38.96 0.35 -0.19	34.50 0.27 -0.43	34.21 0.23 -0.44	35.91 0.25 -0.42	36.54 0.22 -0.40	39.17 0.23 -0.37	41.71 0.25 -0.45	45.33 0.31 -0.48	52.13 0.41 -0.33	63.67 0.50 -0.07	67.03 0.60 -0.17	60.03 0.53 -0.12	51.45 0.51 -0.34	43.63 0.47 -0.22	37.68 0.37 -0.25	34.20 0.34 -0.32
INDECK___OLEAN 23982	29.95 -0.99 0.00	28.68 -0.23 0.00	27.18 -0.44 0.00	26.44 -0.57 0.00	26.98 -0.66 0.00	27.82 -0.31 0.00	35.20 -1.17 0.00	43.64 1.02 -1.80	41.00 0.69 -1.89	36.45 0.91 -1.74	34.62 0.80 -0.28	37.16 0.67 -1.25	38.52 0.76 -1.84	42.51 1.16 -2.78	44.24 1.19 -2.03	47.00 0.40 -2.06	54.79 0.93 -2.48	67.23 0.95 -3.18	72.48 1.66 -4.56	65.70 1.42 -4.90	56.10 1.31 -4.18	45.70 0.73 -2.03	39.91 1.08 -1.78	37.70 1.41 -2.75
INDECK___OSWEGO 23783	31.24 -0.59 -0.89	29.34 -0.49 -0.91	27.78 -0.50 -0.65	27.19 -0.49 -0.67	27.48 -0.50 -0.34	28.72 -0.48 -1.07	36.41 -0.65 -0.70	45.65 -0.65 -5.48	42.82 -0.69 -5.09	38.31 -0.64 -5.16	37.68 -0.67 -4.81	39.58 -0.78 -5.11	40.49 -0.79 -5.36	45.13 -1.08 -7.63	45.77 -1.15 -5.91	49.32 -1.25 -6.03	56.87 -1.34 -6.82	69.57 -1.64 -8.11	76.36 -1.59 -11.69	70.58 -1.31 -12.51	60.63 -1.07 -11.10	47.50 -0.94 -5.50	41.14 -0.85 -4.93	40.63 -0.44 -7.53
INDECK___YERKES 23781	30.35 -0.59 0.00	29.23 0.32 0.00	27.68 0.06 0.00	27.00 0.00 0.00	27.56 -0.08 0.00	28.41 0.28 0.00	35.34 -1.02 0.00	42.17 -1.02 -2.37	39.60 -1.15 -2.33	35.33 -0.61 -2.15	33.89 -0.67 -1.03	35.91 -1.13 -1.79	37.12 -1.08 -2.27	41.23 -0.77 -3.43	42.58 -0.94 -2.51	45.11 -1.96 -2.53	52.69 -1.75 -3.05	64.49 -2.53 -3.91	70.10 -1.79 -5.62	63.74 -1.66 -6.03	54.43 -1.32 -5.14	44.37 -1.07 -2.51	38.55 -0.71 -2.19	37.10 0.17 -3.39
INDIAN POINT_GT_1 24139	32.67 1.73 0.00	30.33 1.42 0.00	28.82 1.19 0.00	28.03 1.03 0.00	28.72 1.08 0.00	29.31 1.18 0.00	38.14 1.78 0.00	42.70 1.88 0.00	40.79 1.77 -0.60	36.17 1.76 -0.62	35.34 2.05 0.24	37.76 2.22 -0.29	38.86 2.37 -0.57	41.79 2.51 -0.71	44.49 2.54 -0.93	48.44 2.76 -1.14	55.50 3.03 -1.08	67.90 3.60 -1.20	70.90 3.38 -1.26	62.65 2.73 -0.55	53.24 2.63 0.00	45.13 2.19 0.00	39.09 2.04 0.00	35.05 1.51 0.00
INDIAN POINT_GT_2 23659	32.67 1.73 0.00	30.33 1.42 0.00	28.82 1.19 0.00	28.03 1.03 0.00	28.72 1.08 0.00	29.31 1.18 0.00	38.14 1.78 0.00	42.70 1.88 0.00	40.79 1.77 -0.60	36.17 1.76 -0.62	35.34 2.05 0.24	37.76 2.22 -0.29	38.86 2.37 -0.57	41.79 2.51 -0.71	44.49 2.54 -0.93	48.44 2.76 -1.14	55.50 3.03 -1.08	67.90 3.60 -1.20	70.90 3.38 -1.26	62.65 2.73 -0.55	53.24 2.63 0.00	45.13 2.19 0.00	39.09 2.04 0.00	35.05 1.51 0.00
INDIAN POINT_GT_3 24019	32.67 1.73 0.00	30.33 1.42 0.00	28.82 1.19 0.00	28.03 1.03 0.00	28.72 1.08 0.00	29.31 1.18 0.00	38.14 1.78 0.00	42.70 1.88 0.00	40.79 1.77 -0.60	36.17 1.76 -0.62	35.34 2.05 0.24	37.76 2.22 -0.29	38.86 2.37 -0.57	41.79 2.51 -0.71	44.49 2.54 -0.93	48.44 2.76 -1.14	55.50 3.03 -1.08	67.90 3.60 -1.20	70.90 3.38 -1.26	62.65 2.73 -0.55	53.24 2.63 0.00	45.13 2.19 0.00	39.09 2.04 0.00	35.05 1.51 0.00
INDIAN POINT___2 23530	32.76 1.82 0.00	30.36 1.45 0.00	28.84 1.21 0.00	28.06 1.05 0.00	28.81 1.16 0.00	29.33 1.21 0.00	38.18 1.82 0.00	42.80 1.96 -0.02	40.85 1.84 -0.58	36.18 1.79 -0.60	35.30 2.01 0.25	37.85 2.33 -0.27	38.95 2.48 -0.55	41.88 2.62 -0.68	44.66 2.75 -0.90	48.62 2.98 -1.10	55.62 3.19 -1.04	68.04 3.79 -1.16	70.99 3.51 -1.21	62.81 2.91 -0.53	53.40 2.78 -0.02	45.34 2.40 0.00	39.21 2.15 0.00	35.08 1.54 0.00
INDIAN POINT___3 23531	32.55 1.61 0.00	30.19 1.27 0.00	28.71 1.08 0.00	27.95 0.95 0.00	28.64 1.00 0.00	29.19 1.07 0.00	38.00 1.64 0.00	42.49 1.67 0.00	40.55 1.54 -0.59	35.95 1.55 -0.60	35.09 1.81 0.26	37.53 2.01 -0.27	38.59 2.12 -0.55	41.50 2.24 -0.69	44.22 2.30 -0.91	48.14 2.49 -1.11	55.16 2.72 -1.05	67.48 3.22 -1.17	70.54 3.05 -1.22	62.34 2.43 -0.53	52.93 2.33 0.00	44.91 1.98 0.00	38.91 1.85 0.00	34.88 1.34 0.00
INGHAM_C_115KV_TB7 356103	31.67 0.25 -0.48	29.67 0.26 -0.50	28.23 0.25 -0.35	27.61 0.24 -0.36	28.11 0.28 -0.18	29.02 0.31 -0.59	37.27 0.51 -0.40	41.73 0.57 -0.34	39.04 0.42 -0.19	34.53 0.30 -0.43	34.24 0.27 -0.44	35.95 0.28 -0.42	36.54 0.22 -0.40	39.25 0.31 -0.37	41.75 0.29 -0.45	45.42 0.40 -0.48	52.18 0.46 -0.33	63.73 0.57 -0.07	67.10 0.66 -0.17	60.09 0.59 -0.12	51.55 0.61 -0.34	43.71 0.56 -0.22	37.76 0.44 -0.25	34.27 0.40 -0.32
IP CORINTH___1 23988	33.38 2.44 0.00	31.32 2.40 0.00	29.89 2.27 0.00	29.17 2.16 0.00	29.94 2.29 0.00	30.54 2.42 0.00	39.42 3.05 0.00	44.17 3.35 0.00	40.28 2.46 0.61	35.06 1.89 0.62	34.33 1.58 0.78	36.10 1.52 0.67	36.79 1.44 0.57	39.60 1.74 0.71	40.65 0.57 0.94	44.24 0.85 1.14	51.89 1.59 1.09	64.29 2.40 1.20	67.93 2.92 1.26	61.56 2.73 0.55	53.08 2.48 0.00	45.04 2.10 0.00	40.38 2.93 -0.40	36.29 2.75 0.00
IP___TICONDEROGA 23804	34.50 3.56 0.00	32.47 3.56 0.00	30.94 3.32 0.00	30.19 3.19 0.00	30.99 3.35 0.00	31.70 3.57 0.00	40.98 4.62 0.00	45.92 5.10 0.00	41.54 3.73 0.61	36.07 2.91 0.63	35.17 2.41 0.78	36.97 2.40 0.68	37.57 2.23 0.58	40.51 2.66 0.72	41.91 1.85 0.95	45.78 2.41 1.16	53.98 3.70 1.10	67.18 5.30 1.22	71.22 6.23 1.28	64.69 5.88 0.56	55.71 5.11 0.00	47.14 4.21 0.00	41.95 4.48 -0.41	37.67 4.13 0.00
ISLIP_RES_REC 323679	33.63 2.69 0.00	30.91 1.99 0.00	29.06 1.44 0.00	28.16 1.16 0.00	28.89 1.25 0.00	29.59 1.46 0.00	38.72 2.36 0.00	43.33 2.49 -0.02	41.77 2.77 -0.58	37.13 2.74 -0.60	36.38 3.08 0.24	38.77 3.24 -0.28	39.90 3.41 -0.56	44.09 3.67 -1.85	45.74 3.81 -0.91	49.66 4.01 -1.11	56.90 4.47 -1.05	69.37 5.11 -1.16	72.05 4.57 -1.21	63.88 3.98 -0.53	54.42 3.80 -0.02	46.58 3.65 0.00	40.33 3.26 -0.01	36.19 2.65 0.00

JAMAICA__27_KV_LOAD 355505	33.17 2.23 0.00	30.65 1.73 0.00	29.06 1.44 0.00	28.22 1.22 0.00	28.92 1.27 0.00	29.59 1.46 0.00	38.69 2.33 0.00	43.29 2.45 -0.02	41.33 2.31 -0.61	36.78 2.37 -0.62	36.05 2.75 0.24	38.54 3.00 -0.29	39.65 3.16 -0.57	42.56 3.28 -0.71	45.31 3.36 -0.94	49.33 3.65 -1.14	56.58 4.11 -1.09	69.10 4.80 -1.20	72.23 4.71 -1.26	63.72 3.80 -0.55	54.15 3.54 0.00	45.81 2.88 0.00	39.76 2.71 0.00	35.52 1.98 0.00
JANIS__SOLAR 323808	32.05 1.11 0.00	30.07 1.16 0.00	28.65 1.02 0.00	28.03 1.03 0.00	28.70 1.05 0.00	29.33 1.21 0.00	38.04 1.67 0.00	41.86 1.51 0.47	38.98 1.04 0.48	33.86 0.51 0.44	29.88 0.24 3.89	33.63 0.11 1.73	35.56 0.11 0.47	38.18 0.31 0.71	40.95 0.45 0.52	45.13 1.11 0.52	52.55 1.80 0.63	65.13 2.84 0.81	68.90 3.78 1.15	61.70 3.56 1.24	52.63 3.09 1.06	44.82 2.40 0.52	38.49 1.89 0.45	34.61 1.78 0.71
JARVIS____ 23743	31.58 0.16 -0.48	29.56 0.15 -0.50	28.12 0.14 -0.35	27.50 0.14 -0.36	28.00 0.17 -0.18	28.88 0.17 -0.59	36.98 0.22 -0.40	41.44 0.29 -0.34	38.81 0.19 -0.19	34.36 0.14 -0.43	34.11 0.13 -0.44	35.81 0.14 -0.42	36.43 0.11 -0.40	39.09 0.15 -0.37	41.63 0.16 -0.45	45.24 0.22 -0.48	51.98 0.26 -0.33	63.48 0.32 -0.07	66.77 0.33 -0.17	59.80 0.30 -0.12	51.30 0.36 -0.34	43.42 0.26 -0.22	37.53 0.22 -0.25	34.07 0.20 -0.32
JENNISON____1 23625	32.18 1.24 0.00	30.19 1.27 0.00	28.76 1.13 0.00	28.14 1.13 0.00	28.89 1.24 0.00	29.48 1.35 0.00	38.22 1.85 0.00	42.12 1.84 0.54	39.32 1.42 0.52	34.29 0.98 0.48	30.95 0.74 3.32	34.45 0.74 1.54	36.10 0.68 0.51	38.70 0.89 0.76	41.48 1.03 0.56	45.53 1.56 0.57	52.81 2.11 0.68	65.32 3.09 0.87	68.74 3.71 1.24	61.53 3.50 1.34	52.59 3.14 1.15	44.87 2.49 0.56	38.53 1.96 0.49	34.62 1.84 0.76
JENNISON____2 23626	32.18 1.24 0.00	30.19 1.27 0.00	28.76 1.13 0.00	28.14 1.13 0.00	28.89 1.24 0.00	29.48 1.35 0.00	38.22 1.85 0.00	42.12 1.84 0.54	39.32 1.42 0.52	34.29 0.98 0.48	30.95 0.74 3.32	34.45 0.74 1.54	36.10 0.68 0.51	38.70 0.89 0.76	41.48 1.03 0.56	45.53 1.56 0.57	52.81 2.11 0.68	65.32 3.09 0.87	68.74 3.71 1.24	61.53 3.50 1.34	52.59 3.14 1.15	44.87 2.49 0.56	38.53 1.96 0.49	34.62 1.84 0.76
JERICOHO_RISE_WT_PWR 323719	34.61 0.46 -3.20	32.61 0.40 -3.29	30.32 0.36 -2.34	29.76 0.35 -2.40	29.21 0.36 -1.21	32.44 0.45 -3.86	39.52 0.69 -2.47	43.64 0.74 -2.09	40.61 1.00 -1.19	37.37 0.88 -2.71	37.17 0.91 -2.73	38.77 0.91 -2.60	39.33 0.90 -2.51	41.77 0.92 -2.27	44.29 0.49 -2.78	47.90 0.35 -3.00	53.87 0.41 -2.07	64.21 0.70 -0.42	67.97 0.66 -1.04	60.73 0.59 -0.76	52.83 0.10 -2.13	44.61 0.30 -1.37	39.31 0.67 -1.58	36.12 0.57 -2.01
KATONAH__115KV_46KV_TB4 355592	32.76 1.83 0.00	30.39 1.47 0.00	28.90 1.27 0.00	28.14 1.13 0.00	28.83 1.19 0.00	29.39 1.27 0.00	38.25 1.89 0.00	42.86 2.04 0.00	40.90 1.88 -0.60	36.20 1.79 -0.62	35.38 2.08 0.23	37.80 2.26 -0.29	38.93 2.44 -0.56	41.82 2.55 -0.70	44.48 2.54 -0.93	48.52 2.85 -1.13	55.59 3.13 -1.07	68.14 3.85 -1.19	71.09 3.58 -1.24	62.83 2.91 -0.54	53.39 2.78 0.00	45.26 2.32 0.00	39.17 2.11 0.00	35.12 1.58 0.00
KCE_NY_1 323755	32.80 1.86 0.00	30.71 1.79 0.00	29.31 1.69 0.00	28.63 1.62 0.00	29.39 1.74 0.00	29.90 1.77 0.00	38.72 2.36 0.00	43.35 2.53 0.00	39.73 1.88 0.58	34.65 1.45 0.60	33.98 1.21 0.76	35.87 1.27 0.65	36.56 1.18 0.54	38.82 0.92 0.68	41.18 1.06 0.89	44.87 1.42 1.09	52.30 1.95 1.04	64.72 2.77 1.15	68.18 3.12 1.20	61.76 2.91 0.53	53.21 2.63 0.02	45.08 2.15 0.00	39.22 1.78 -0.39	35.55 2.01 0.00
KCE_NY_6_ESR 323823	30.44 -0.50 0.00	29.23 0.32 0.00	27.68 0.06 0.00	26.90 -0.11 0.00	27.45 -0.19 0.00	28.30 0.17 0.00	35.53 -0.83 0.00	42.60 -0.41 -2.19	39.96 -0.62 -2.16	35.51 -0.27 -1.99	33.98 -0.30 -0.74	36.12 -0.70 -1.58	37.42 -0.61 -2.11	41.49 -0.27 -3.18	42.97 -0.37 -2.33	45.87 -1.02 -2.35	53.61 -0.61 -2.84	65.72 -1.01 -3.64	71.28 -0.20 -5.21	64.75 -0.24 -5.61	55.18 -0.20 -4.78	44.75 -0.51 -2.33	38.84 -0.26 -2.04	37.12 0.43 -3.14
KEDC_PORT_JEFF_GT2 24210	33.42 2.48 0.00	30.74 1.82 0.00	28.90 1.27 0.00	28.00 1.00 0.00	28.75 1.11 0.00	29.42 1.29 0.00	38.47 2.11 0.00	43.00 2.16 -0.02	41.47 2.46 -0.58	36.86 2.47 -0.60	36.08 2.78 0.24	38.46 2.92 -0.28	39.57 3.09 -0.56	43.66 3.24 -1.84	45.25 3.32 -0.91	49.17 3.52 -1.11	56.33 3.90 -1.05	68.36 4.10 -1.16	70.99 3.51 -1.21	63.11 3.20 -0.53	53.86 3.24 -0.02	46.16 3.22 0.00	40.03 2.97 -0.01	35.96 2.42 0.00
KEDC_PORT_JEFF_GT3 24211	33.42 2.48 0.00	30.74 1.82 0.00	28.90 1.27 0.00	28.00 1.00 0.00	28.75 1.11 0.00	29.42 1.29 0.00	38.47 2.11 0.00	43.00 2.16 -0.02	41.47 2.46 -0.58	36.86 2.47 -0.60	36.08 2.78 0.24	38.46 2.92 -0.28	39.57 3.09 -0.56	43.66 3.24 -1.84	45.25 3.32 -0.91	49.17 3.52 -1.11	56.33 3.90 -1.05	68.36 4.10 -1.16	70.99 3.51 -1.21	63.11 3.20 -0.53	53.86 3.24 -0.02	46.16 3.22 0.00	40.03 2.97 -0.01	35.96 2.42 0.00
KEDC_GLWD_GT4 24219	33.20 2.26 0.00	30.68 1.76 0.00	29.01 1.38 0.00	28.17 1.16 0.00	28.92 1.27 0.00	29.50 1.38 0.00	38.47 2.11 0.00	43.00 2.16 -0.02	41.27 2.27 -0.58	36.66 2.26 -0.60	35.78 2.48 0.23	38.32 2.78 -0.29	39.44 2.95 -0.57	44.35 3.09 -2.69	45.13 3.20 -0.92	49.13 3.48 -1.12	55.87 3.44 -1.05	68.30 4.04 -1.16	71.12 3.64 -1.21	62.99 3.09 -0.53	53.51 2.88 -0.02	45.86 2.92 0.00	39.74 2.67 -0.02	35.59 2.05 0.00
KEDC_GLWD_GT5 24220	33.20 2.26 0.00	30.68 1.76 0.00	29.01 1.38 0.00	28.17 1.16 0.00	28.92 1.27 0.00	29.50 1.38 0.00	38.47 2.11 0.00	43.00 2.16 -0.02	41.27 2.27 -0.58	36.66 2.26 -0.60	35.78 2.48 0.23	38.32 2.78 -0.29	39.44 2.95 -0.57	44.35 3.09 -2.69	45.13 3.20 -0.92	49.13 3.48 -1.12	55.87 3.44 -1.05	68.30 4.04 -1.16	71.12 3.64 -1.21	62.99 3.09 -0.53	53.51 2.88 -0.02	45.86 2.92 0.00	39.74 2.67 -0.02	35.59 2.05 0.00
KENSICO____ 23655	32.73 1.79 0.00	30.36 1.45 0.00	28.84 1.22 0.00	28.06 1.05 0.00	28.75 1.11 0.00	29.34 1.21 0.00	38.18 1.82 0.00	42.74 1.92 0.00	40.83 1.81 -0.60	36.21 1.79 -0.62	35.38 2.08 0.24	37.83 2.29 -0.29	38.93 2.44 -0.57	41.83 2.55 -0.71	44.57 2.62 -0.93	48.53 2.85 -1.14	55.55 3.08 -1.08	67.90 3.60 -1.20	70.97 3.45 -1.26	62.71 2.79 -0.55	53.29 2.68 0.00	45.17 2.23 0.00	39.13 2.08 0.00	35.08 1.54 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.83 1.89 0.00	30.48 1.56 0.00	28.95 1.33 0.00	28.19 1.19 0.00	28.89 1.24 0.00	29.42 1.29 0.00	38.36 2.00 0.00	42.82 2.00 0.00	40.48 1.73 -0.33	35.76 1.62 -0.34	34.93 1.81 0.42	37.21 1.90 -0.06	38.25 2.01 -0.31	41.09 2.12 -0.39	43.83 2.30 -0.51	47.84 2.67 -0.63	55.07 3.08 -0.60	67.48 3.72 -0.66	70.74 3.78 -0.69	62.88 3.21 -0.30	53.54 2.94 0.00	45.43 2.49 0.00	39.24 2.19 0.00	35.18 1.64 0.00

KIAC_JFK_GT1 23816	32.98 2.04 0.00	30.48 1.56 0.00	28.90 1.27 0.00	28.06 1.05 0.00	28.78 1.13 0.00	29.42 1.29 0.00	38.47 2.11 0.00	42.88 2.04 -0.02	40.95 1.92 -0.61	36.58 2.16 -0.62	35.85 2.55 0.24	38.33 2.78 -0.29	39.44 2.95 -0.57	42.18 2.89 -0.71	44.86 2.91 -0.94	48.89 3.21 -1.14	56.02 3.55 -1.09	68.41 4.10 -1.20	71.50 3.98 -1.26	63.07 3.15 -0.55	53.59 2.99 0.00	45.38 2.45 0.00	39.54 2.48 0.00	35.32 1.78 0.00
KIAC_JFK_GT2 23817	32.98 2.04 0.00	30.48 1.56 0.00	28.90 1.27 0.00	28.06 1.05 0.00	28.78 1.13 0.00	29.42 1.29 0.00	38.47 2.11 0.00	42.88 2.04 -0.02	40.95 1.92 -0.61	36.58 2.16 -0.62	35.85 2.55 0.24	38.33 2.78 -0.29	39.44 2.95 -0.57	42.18 2.89 -0.71	44.86 2.91 -0.94	48.89 3.21 -1.14	56.02 3.55 -1.09	68.41 4.10 -1.20	71.50 3.98 -1.26	63.07 3.15 -0.55	53.59 2.99 0.00	45.38 2.45 0.00	39.54 2.48 0.00	35.32 1.78 0.00
KIAC_JFK____ 323774	32.98 2.04 0.00	30.48 1.56 0.00	28.90 1.27 0.00	28.06 1.05 0.00	28.83 1.19 0.00	29.42 1.29 0.00	38.47 2.11 0.00	42.88 2.04 -0.02	40.96 1.96 -0.58	36.56 2.16 -0.60	35.73 2.45 0.25	38.34 2.82 -0.27	39.45 2.98 -0.55	42.23 2.97 -0.69	45.03 3.12 -0.90	48.98 3.34 -1.10	56.03 3.60 -1.05	68.55 4.29 -1.16	71.52 4.04 -1.21	63.23 3.32 -0.53	53.71 3.09 -0.02	45.51 2.58 0.00	39.58 2.52 0.00	35.32 1.78 0.00
KINTIGH__24_KV_GSU 356498	30.20 -0.74 0.00	28.92 0.00 0.00	27.41 -0.22 0.00	26.71 -0.30 0.00	27.29 -0.36 0.00	28.01 -0.11 0.00	35.23 -1.13 0.00	41.54 -2.00 -2.72	39.05 -2.04 -2.66	34.73 -1.52 -2.46	33.63 -1.51 -1.61	35.52 -1.94 -2.21	36.62 -1.91 -2.60	40.75 -1.74 -3.92	41.96 -1.93 -2.87	44.86 -2.58 -2.90	52.31 -2.57 -3.49	64.23 -3.35 -4.48	69.80 -2.85 -6.38	63.77 -2.49 -6.89	54.46 -2.03 -5.88	43.83 -1.97 -2.87	37.98 -1.59 -2.52	36.61 -0.84 -3.90
KINTIGH____ 23543	30.20 -0.74 0.00	28.92 0.00 0.00	27.43 -0.19 0.00	26.71 -0.30 0.00	27.20 -0.44 0.00	28.01 -0.11 0.00	35.16 -1.20 0.00	41.38 -2.16 -2.72	39.03 -2.04 -2.64	34.61 -1.62 -2.44	33.29 -1.81 -1.56	35.49 -1.94 -2.18	36.64 -1.87 -2.58	40.72 -1.74 -3.88	42.01 -1.85 -2.84	44.79 -2.63 -2.87	52.02 -2.83 -3.46	64.13 -3.41 -4.44	69.41 -3.18 -6.32	63.65 -2.55 -6.83	54.30 -2.13 -5.83	43.93 -1.85 -2.84	37.96 -1.59 -2.49	36.57 -0.84 -3.87
KNTFSRNC_46_KV_46KV_LOAD 80397	34.05 1.18 -1.93	32.00 1.10 -1.99	30.03 0.99 -1.41	29.43 0.97 -1.45	29.34 0.97 -0.73	31.58 1.13 -2.33	39.43 1.60 -1.47	43.66 1.59 -1.24	41.05 1.92 -0.71	37.09 1.69 -1.61	36.87 1.71 -1.63	38.53 1.73 -1.55	39.18 1.76 -1.50	41.74 1.81 -1.35	44.76 2.09 -1.66	48.73 2.41 -1.79	55.34 2.72 -1.23	67.07 3.72 -0.25	70.73 3.84 -0.62	63.21 3.38 -0.45	54.25 2.38 -1.27	45.77 2.02 -0.81	39.59 1.59 -0.94	36.11 1.38 -1.20
LACHUTE____HYDRO 323717	34.50 3.56 0.00	32.47 3.56 0.00	30.94 3.31 0.00	30.19 3.19 0.00	31.02 3.37 0.00	31.70 3.57 0.00	40.98 4.62 0.00	45.92 5.10 0.00	41.60 3.77 0.59	36.09 2.91 0.61	35.18 2.42 0.77	36.99 2.40 0.66	37.59 2.23 0.56	39.42 1.54 0.70	41.90 1.80 0.91	45.87 2.45 1.12	54.07 3.75 1.06	67.35 5.43 1.18	71.34 6.30 1.23	64.77 5.94 0.54	55.80 5.21 0.02	47.02 4.08 0.00	40.84 3.37 -0.41	37.67 4.12 0.00
LAWRNCALV_115KV_TB1 80681	54.12 0.15 -23.02	52.70 0.14 -23.64	44.56 0.14 -16.80	44.42 0.14 -17.28	36.50 0.17 -8.69	56.12 0.20 -27.79	56.01 0.51 -19.14	57.99 0.57 -16.59	48.70 0.69 -9.59	55.62 0.51 -21.33	55.52 0.47 -21.51	56.28 0.49 -20.54	56.20 0.43 -19.85	57.21 0.42 -18.21	63.41 0.41 -21.98	68.78 0.53 -23.71	68.53 0.57 -16.58	68.04 1.01 -3.93	76.43 1.13 -9.03	67.33 1.01 -6.95	68.51 0.56 -17.35	54.35 0.39 -11.03	50.12 0.41 -12.65	50.06 0.37 -16.15
LEDERLE____ 23769	32.58 1.64 0.00	30.22 1.30 0.00	28.76 1.13 0.00	28.00 1.00 0.00	28.70 1.05 0.00	29.25 1.13 0.00	38.07 1.71 0.00	42.62 1.80 0.00	40.54 1.58 -0.55	35.94 1.59 -0.56	35.08 1.84 0.30	37.53 2.04 -0.23	38.63 2.19 -0.51	41.53 2.31 -0.64	44.24 2.38 -0.84	48.20 2.63 -1.03	55.29 2.93 -0.98	67.66 3.47 -1.09	70.72 3.31 -1.14	62.60 2.73 -0.50	53.18 2.58 0.00	45.08 2.15 0.00	39.02 1.96 0.00	34.98 1.44 0.00
LIGHTHSE_115KV_TB6 355974	32.89 -0.12 -2.07	31.04 0.00 -2.13	29.09 -0.06 -1.51	28.53 -0.03 -1.56	28.40 -0.03 -0.78	30.71 0.08 -2.50	38.14 0.15 -1.63	45.65 0.33 -4.50	42.42 0.19 -3.81	38.34 -0.03 -4.58	36.98 -0.17 -3.61	39.26 -0.21 -4.22	40.25 -0.29 -4.61	44.21 -0.31 -5.95	45.82 -0.29 -5.09	49.55 -0.27 -5.28	56.51 -0.21 -5.33	68.33 -0.13 -5.36	74.27 0.07 -7.93	67.94 0.24 -8.33	58.89 0.20 -8.08	47.31 0.21 -4.16	41.07 0.11 -3.90	39.56 0.27 -5.75
LINDEN COGEN____ 23786	32.86 1.92 0.00	30.36 1.45 0.00	28.81 1.19 0.00	28.00 1.00 0.00	28.75 1.11 0.00	29.28 1.15 0.00	38.18 1.82 0.00	42.54 1.92 0.19	40.85 1.84 -0.58	36.25 1.86 -0.60	35.40 2.11 0.25	37.99 2.47 -0.27	39.09 2.62 -0.55	42.00 2.74 -0.69	44.79 2.87 -0.90	48.71 3.07 -1.10	55.67 3.24 -1.05	68.04 3.79 -1.16	70.99 3.51 -1.21	62.75 2.85 -0.53	53.30 2.68 -0.02	45.34 2.40 0.00	39.28 2.22 0.00	35.08 1.54 0.00
LINDHRST_69_KV_BK1 356055	33.69 2.75 0.00	31.03 2.11 0.00	29.17 1.55 0.00	28.30 1.30 0.00	28.97 1.33 0.00	29.70 1.58 0.00	38.80 2.44 0.00	43.21 2.37 -0.02	41.76 2.73 -0.61	37.15 2.74 -0.62	36.40 3.09 0.22	38.80 3.24 -0.31	39.88 3.38 -0.58	44.13 3.55 -2.01	45.57 3.61 -0.95	49.48 3.79 -1.16	56.84 4.37 -1.09	69.29 4.98 -1.20	72.17 4.64 -1.26	63.61 3.68 -0.55	54.35 3.74 0.00	46.20 3.26 0.00	40.33 3.26 -0.01	36.22 2.68 0.00
LIPA_MISC_IPP 23656	33.23 2.29 0.00	30.56 1.65 0.00	28.73 1.11 0.00	27.84 0.84 0.00	28.50 0.86 0.00	29.22 1.10 0.00	38.25 1.89 0.00	42.63 1.80 -0.02	41.22 2.19 -0.61	36.65 2.23 -0.62	35.93 2.62 0.23	38.20 2.64 -0.30	39.31 2.80 -0.58	43.41 2.97 -1.86	44.91 2.95 -0.95	48.81 3.12 -1.15	55.96 3.49 -1.09	68.22 3.91 -1.20	70.97 3.45 -1.26	62.54 2.61 -0.55	53.44 2.83 0.00	45.47 2.53 0.00	39.73 2.67 -0.01	35.75 2.21 0.00
LISF____SOLAR 323691	33.29 2.35 0.00	30.59 1.68 0.00	28.76 1.13 0.00	27.87 0.86 0.00	28.59 0.94 0.00	29.28 1.15 0.00	38.29 1.93 0.00	42.84 2.00 -0.02	41.31 2.31 -0.58	36.69 2.30 -0.60	35.91 2.62 0.24	38.25 2.71 -0.28	39.36 2.87 -0.56	43.50 3.09 -1.84	45.08 3.16 -0.91	48.99 3.34 -1.11	56.08 3.65 -1.05	68.49 4.23 -1.16	71.12 3.64 -1.21	63.05 3.14 -0.53	53.66 3.04 -0.02	45.99 3.05 0.00	39.85 2.78 -0.01	35.79 2.25 0.00
LITTLE FALLS____HYD 24013	31.67 0.25 -0.48	29.67 0.26 -0.50	28.23 0.25 -0.35	27.61 0.24 -0.36	28.11 0.28 -0.18	29.02 0.31 -0.59	37.27 0.51 -0.40	41.73 0.57 -0.34	39.04 0.42 -0.19	34.53 0.30 -0.43	34.24 0.27 -0.44	35.95 0.28 -0.42	36.54 0.22 -0.40	39.25 0.31 -0.37	41.75 0.29 -0.45	45.42 0.40 -0.48	52.18 0.46 -0.33	63.73 0.57 -0.07	67.10 0.66 -0.17	60.09 0.59 -0.12	51.55 0.61 -0.34	43.71 0.56 -0.22	37.76 0.44 -0.25	34.27 0.40 -0.32

LITTLRIV_115KV_TB1 356100	53.37 0.43 -21.99	51.93 0.43 -22.59	44.06 0.39 -16.04	43.87 0.35 -16.51	36.36 0.41 -8.30	55.16 0.48 -26.55	55.02 0.95 -17.71	57.31 1.06 -15.42	48.44 1.08 -8.94	54.30 0.71 -19.80	54.14 0.64 -19.97	54.95 0.63 -19.07	54.93 0.57 -18.43	56.14 0.62 -16.95	62.04 0.62 -20.41	67.35 0.80 -22.01	67.79 0.98 -15.43	68.49 1.64 -3.75	76.71 1.92 -8.52	67.76 1.78 -6.61	67.98 1.16 -16.21	54.07 0.86 -10.28	49.61 0.78 -11.77	49.25 0.67 -15.04
LI_NEWBRDGE___DRP 323616	33.11 2.17 0.00	30.51 1.59 0.00	28.76 1.13 0.00	27.92 0.92 0.00	28.59 0.94 0.00	29.28 1.15 0.00	38.18 1.82 0.00	42.51 1.67 -0.02	41.06 2.04 -0.61	36.54 2.13 -0.62	35.72 2.41 0.23	38.09 2.54 -0.30	39.12 2.62 -0.58	43.02 2.66 -1.79	44.59 2.62 -0.95	48.50 2.81 -1.15	55.71 3.24 -1.09	68.03 3.72 -1.20	70.77 3.25 -1.26	62.42 2.49 -0.55	53.24 2.63 0.00	45.21 2.28 0.00	39.59 2.52 -0.01	35.55 2.01 0.00
LOCKPORT_115KV_TB60_63_64 80432	30.44 -0.50 0.00	29.29 0.38 0.00	27.43 -0.19 0.00	26.68 -0.32 0.00	27.18 -0.47 0.00	28.04 -0.08 0.00	35.13 -1.24 0.00	41.71 -1.59 -2.48	39.33 -1.50 -2.40	34.86 -1.15 -2.22	33.28 -1.41 -1.15	35.61 -1.52 -1.88	36.83 -1.44 -2.35	40.95 -1.16 -3.54	42.37 -1.23 -2.59	44.97 -2.18 -2.62	52.23 -2.31 -3.15	64.43 -2.71 -4.04	69.72 -2.32 -5.77	63.82 -1.78 -6.23	54.45 -1.47 -5.31	44.19 -1.33 -2.59	38.25 -1.07 -2.27	36.93 -0.13 -3.52
LOCKPORT___CC1 323769	30.38 -0.56 0.00	29.23 0.32 0.00	27.68 0.06 0.00	26.68 -0.32 0.00	27.26 -0.39 0.00	28.07 -0.06 0.00	35.20 -1.17 0.00	41.85 -1.43 -2.46	39.25 -1.58 -2.41	34.97 -1.05 -2.22	33.62 -1.07 -1.15	35.58 -1.55 -1.88	36.77 -1.51 -2.35	40.88 -1.24 -3.54	42.17 -1.44 -2.59	44.93 -2.23 -2.62	52.48 -2.06 -3.16	64.44 -2.71 -4.05	70.00 -2.05 -5.78	63.84 -1.78 -6.24	54.46 -1.47 -5.32	43.98 -1.54 -2.59	38.22 -1.11 -2.27	36.87 -0.20 -3.53
LOCKPORT___CC2 323770	30.38 -0.56 0.00	29.23 0.32 0.00	27.68 0.06 0.00	26.68 -0.32 0.00	27.26 -0.39 0.00	28.07 -0.06 0.00	35.20 -1.17 0.00	41.85 -1.43 -2.46	39.25 -1.58 -2.41	34.97 -1.05 -2.22	33.62 -1.07 -1.15	35.58 -1.55 -1.88	36.77 -1.51 -2.35	40.88 -1.24 -3.54	42.17 -1.44 -2.59	44.93 -2.23 -2.62	52.48 -2.06 -3.16	64.44 -2.71 -4.05	70.00 -2.05 -5.78	63.84 -1.78 -6.24	54.46 -1.47 -5.32	43.98 -1.54 -2.59	38.22 -1.11 -2.27	36.87 -0.20 -3.53
LOCKPORT___CC3 323771	30.38 -0.56 0.00	29.23 0.32 0.00	27.68 0.06 0.00	26.68 -0.32 0.00	27.26 -0.39 0.00	28.07 -0.06 0.00	35.20 -1.17 0.00	41.85 -1.43 -2.46	39.25 -1.58 -2.41	34.97 -1.05 -2.22	33.62 -1.07 -1.15	35.58 -1.55 -1.88	36.77 -1.51 -2.35	40.88 -1.24 -3.54	42.17 -1.44 -2.59	44.93 -2.23 -2.62	52.48 -2.06 -3.16	64.44 -2.71 -4.05	70.00 -2.05 -5.78	63.84 -1.78 -6.24	54.46 -1.47 -5.32	43.98 -1.54 -2.59	38.22 -1.11 -2.27	36.87 -0.20 -3.53
LOCUSVLY_69_KV_BK2 55797	33.32 2.38 0.00	30.74 1.82 0.00	29.01 1.38 0.00	28.17 1.16 0.00	28.83 1.19 0.00	29.53 1.41 0.00	38.51 2.15 0.00	42.88 2.04 -0.02	41.33 2.31 -0.61	36.78 2.37 -0.62	36.03 2.72 0.22	38.45 2.89 -0.31	39.53 3.02 -0.59	44.19 3.12 -2.49	45.08 3.12 -0.95	49.04 3.34 -1.16	56.12 3.65 -1.09	68.53 4.23 -1.20	71.44 3.91 -1.26	63.01 3.09 -0.55	53.64 3.04 0.00	45.64 2.71 0.00	39.85 2.78 -0.01	35.75 2.21 0.00
LONG_LAKE_PHOENIX 24014	31.17 -0.46 -0.70	29.25 -0.38 -0.71	27.78 -0.36 -0.51	27.18 -0.35 -0.52	27.52 -0.39 -0.26	28.63 -0.34 -0.84	36.40 -0.51 -0.55	45.00 -0.45 -4.63	42.26 -0.46 -4.29	37.65 -0.47 -4.33	36.57 -0.54 -3.57	38.80 -0.56 -4.12	39.85 -0.57 -4.50	44.43 -0.58 -6.43	45.40 -0.57 -4.96	48.89 -0.71 -5.06	56.41 -0.72 -5.75	69.09 -0.88 -6.87	75.44 -0.73 -9.90	69.45 -0.53 -10.61	59.53 -0.46 -9.38	47.20 -0.39 -4.65	40.81 -0.41 -4.16	39.66 -0.23 -6.35
LOVETT___3 23632	32.49 1.55 0.00	30.13 1.21 0.00	28.68 1.05 0.00	27.90 0.89 0.00	28.59 0.94 0.00	29.14 1.01 0.00	37.93 1.56 0.00	42.45 1.63 0.00	40.44 1.46 -0.56	35.85 1.49 -0.57	35.02 1.78 0.29	37.43 1.94 -0.24	38.53 2.08 -0.52	41.43 2.20 -0.65	44.13 2.26 -0.86	48.04 2.45 -1.05	55.06 2.67 -1.00	67.36 3.15 -1.11	70.41 2.98 -1.16	62.26 2.37 -0.51	52.93 2.33 0.00	44.87 1.93 0.00	38.87 1.82 0.00	34.85 1.31 0.00
LOVETT___4 23642	32.49 1.55 0.00	30.13 1.21 0.00	28.68 1.05 0.00	27.90 0.89 0.00	28.59 0.94 0.00	29.14 1.01 0.00	37.93 1.56 0.00	42.45 1.63 0.00	40.44 1.46 -0.56	35.85 1.49 -0.57	35.02 1.78 0.29	37.43 1.94 -0.24	38.53 2.08 -0.52	41.43 2.20 -0.65	44.13 2.26 -0.86	48.04 2.45 -1.05	55.06 2.67 -1.00	67.36 3.15 -1.11	70.41 2.98 -1.16	62.26 2.37 -0.51	52.93 2.33 0.00	44.87 1.93 0.00	38.87 1.82 0.00	34.85 1.31 0.00
LOVETT___5 23593	32.49 1.55 0.00	30.13 1.21 0.00	28.68 1.05 0.00	27.90 0.89 0.00	28.59 0.94 0.00	29.14 1.01 0.00	37.93 1.56 0.00	42.45 1.63 0.00	40.44 1.46 -0.56	35.85 1.49 -0.57	35.02 1.78 0.29	37.43 1.94 -0.24	38.53 2.08 -0.52	41.43 2.20 -0.65	44.13 2.26 -0.86	48.04 2.45 -1.05	55.06 2.67 -1.00	67.36 3.15 -1.11	70.41 2.98 -1.16	62.26 2.37 -0.51	52.93 2.33 0.00	44.87 1.93 0.00	38.87 1.82 0.00	34.85 1.31 0.00
LOWER RAQUET___HYD 24057	52.18 0.22 -21.03	50.71 0.20 -21.59	43.16 0.19 -15.34	42.98 0.19 -15.79	35.80 0.22 -7.94	53.79 0.28 -25.38	53.57 0.69 -16.52	56.04 0.77 -14.45	47.70 0.88 -8.40	52.92 0.61 -18.52	52.75 0.53 -18.68	53.65 0.56 -17.84	53.67 0.50 -17.25	54.96 0.50 -15.89	60.41 0.29 -19.10	65.49 0.35 -20.59	66.26 0.41 -14.47	67.51 0.82 -3.59	75.35 1.00 -8.08	66.63 0.95 -6.31	66.30 0.45 -15.24	52.97 0.39 -9.65	48.65 0.56 -11.03	48.12 0.47 -14.11
LOWER___HUDSON 24059	32.18 1.24 0.00	30.01 1.10 0.00	28.68 1.05 0.00	28.03 1.03 0.00	28.75 1.11 0.00	29.22 1.10 0.00	37.89 1.53 0.00	42.41 1.59 0.00	38.93 1.23 0.72	34.06 1.01 0.74	33.60 0.91 0.84	35.47 0.99 0.77	36.21 0.97 0.68	38.69 0.96 0.85	40.96 1.06 1.11	44.42 1.25 1.36	51.63 1.54 1.29	63.68 2.02 1.43	66.83 2.06 1.50	60.56 1.84 0.65	52.35 1.77 0.02	44.44 1.50 0.00	39.08 1.26 -0.77	34.75 1.21 0.00
LOWVILLE_115KV_TB2 356335	37.39 0.46 -5.99	35.82 0.75 -6.15	32.63 0.64 -4.37	32.12 0.62 -4.50	30.65 0.75 -2.26	36.23 0.87 -7.23	42.46 1.38 -4.71	47.41 1.71 -4.88	42.94 1.38 -3.13	40.60 0.84 -5.96	39.46 0.64 -5.29	41.44 0.67 -5.52	42.03 0.47 -5.64	44.77 0.58 -5.61	47.95 0.70 -6.24	52.20 0.98 -6.68	57.71 1.23 -5.09	67.44 2.08 -2.26	72.92 2.58 -4.07	65.51 2.43 -3.70	58.70 2.13 -5.97	48.07 1.59 -3.54	42.16 1.26 -3.84	39.82 1.17 -5.10
LUTHERFT_115KV_GLOB_FND_222 355753	32.80 1.86 0.00	30.68 1.76 0.00	29.31 1.69 0.00	28.63 1.62 0.00	29.36 1.71 0.00	29.90 1.77 0.00	38.69 2.33 0.00	43.31 2.49 0.00	39.67 1.84 0.60	34.59 1.42 0.62	34.00 1.24 0.77	35.82 1.23 0.66	36.51 1.15 0.57	39.26 1.39 0.71	41.15 1.07 0.93	44.74 1.34 1.14	52.21 1.90 1.08	64.55 2.65 1.20	68.00 2.98 1.25	61.62 2.79 0.55	53.13 2.53 0.00	45.04 2.10 0.00	39.67 2.22 -0.39	35.52 1.98 0.00

LUTHERNY_35_KV_BK2 355980	32.80 1.86 0.00	30.71 1.79 0.00	29.31 1.69 0.00	28.63 1.62 0.00	29.36 1.71 0.00	29.90 1.77 0.00	38.69 2.33 0.00	43.31 2.49 0.00	39.67 1.84 0.60	34.63 1.45 0.62	34.00 1.24 0.77	35.82 1.23 0.66	36.54 1.19 0.57	39.26 1.39 0.71	41.15 1.07 0.93	44.74 1.34 1.14	52.26 1.95 1.08	64.55 2.65 1.20	68.07 3.05 1.25	61.62 2.79 0.55	53.18 2.58 0.00	45.08 2.15 0.00	39.67 2.22 -0.39	35.55 2.01 0.00
LWR___OSWEGATCHIE_HYD 23850	45.53 0.34 -14.25	44.02 0.46 -14.64	38.41 0.39 -10.40	38.08 0.38 -10.70	33.47 0.44 -5.38	45.87 0.53 -17.21	48.58 1.02 -11.20	52.35 1.22 -10.30	45.72 1.11 -6.19	47.48 0.68 -13.01	46.69 0.54 -12.61	48.19 0.56 -12.38	48.53 0.43 -12.18	50.58 0.50 -11.50	54.99 0.49 -13.48	59.75 0.71 -14.50	62.72 0.87 -10.46	67.94 1.58 -3.26	74.85 1.92 -6.66	66.77 1.84 -5.55	63.45 1.42 -11.43	51.04 1.03 -7.07	45.89 0.89 -7.95	44.64 0.80 -10.29
LYONS_FALL_HYD 23570	35.46 0.53 -3.99	33.71 0.69 -4.10	31.15 0.61 -2.91	30.60 0.59 -3.00	29.84 0.69 -1.51	33.73 0.79 -4.82	40.78 1.27 -3.15	45.65 1.55 -3.28	41.76 1.27 -2.07	38.56 0.81 -3.96	37.38 0.64 -3.21	39.44 0.64 -3.56	40.17 0.50 -3.75	42.91 0.62 -3.72	45.86 0.70 -4.15	49.91 0.94 -4.44	55.94 1.18 -3.37	66.47 1.89 -1.48	71.26 2.32 -2.67	63.99 2.20 -2.42	56.47 1.92 -3.95	46.70 1.41 -2.34	40.79 1.19 -2.55	37.99 1.07 -3.38
MADISON___COUNTY_LFGE 323628	32.91 0.68 -1.29	30.96 0.72 -1.33	29.23 0.66 -0.94	28.62 0.65 -0.97	28.85 0.72 -0.49	30.50 0.82 -1.56	38.62 1.24 -1.02	43.66 1.51 -1.33	40.63 1.27 -0.94	36.18 0.84 -1.54	34.29 0.70 -0.05	36.91 0.70 -0.95	37.98 0.57 -1.48	40.91 0.73 -1.61	43.48 0.82 -1.64	47.30 1.02 -1.74	54.12 1.28 -1.45	65.86 1.83 -0.93	69.97 2.19 -1.51	62.93 2.08 -1.48	54.35 1.87 -1.88	45.45 1.46 -1.05	39.25 1.11 -1.08	36.07 1.04 -1.49
MALONE___115KV_TB1 356076	39.42 0.80 -7.68	37.52 0.72 -7.88	33.89 0.66 -5.60	33.42 0.65 -5.76	31.18 0.64 -2.90	38.15 0.76 -9.27	43.53 1.16 -6.00	47.16 1.27 -5.07	42.84 1.54 -2.88	41.68 1.32 -6.57	41.47 1.31 -6.62	42.87 1.30 -6.32	43.35 1.33 -6.10	45.45 1.35 -5.52	49.33 1.56 -6.75	53.57 1.74 -7.29	58.37 1.95 -5.03	66.89 2.78 -1.02	71.65 2.85 -2.53	63.78 2.55 -1.85	57.48 1.72 -5.16	47.67 1.42 -3.32	42.05 1.15 -3.85	39.39 0.97 -4.88
MAPLEWOD_115KV_TB3 80458	31.71 0.77 0.00	29.61 0.69 0.00	28.32 0.69 0.00	27.71 0.70 0.00	28.36 0.72 0.00	28.83 0.70 0.00	37.34 0.98 0.00	41.84 1.02 0.00	38.64 0.73 0.51	33.91 0.64 0.52	33.44 0.64 0.73	35.29 0.63 0.59	36.02 0.57 0.48	38.59 0.62 0.60	40.84 0.62 0.79	44.38 0.80 0.96	51.40 0.92 0.91	63.22 1.14 1.01	66.34 1.13 1.06	59.86 0.95 0.46	51.62 1.01 0.00	43.80 0.86 0.00	37.44 0.78 0.40	34.28 0.74 0.00
MAPLE_RIDGE_WT_1 323574	30.91 -0.03 0.00	28.92 0.00 0.00	27.63 0.00 0.00	27.03 0.03 0.00	27.67 0.03 0.00	28.15 0.03 0.00	35.91 -0.04 0.42	40.42 -0.04 0.35	38.22 0.00 0.20	33.33 0.00 0.46	33.07 0.00 0.46	34.81 0.00 0.44	35.50 0.00 0.42	38.19 0.00 0.38	40.50 -0.04 0.47	43.99 -0.04 0.51	50.98 -0.05 0.35	62.97 -0.06 0.07	66.03 -0.07 0.18	59.13 -0.12 0.13	50.04 -0.20 0.36	42.53 -0.17 0.23	36.68 -0.11 0.27	33.10 -0.10 0.34
MAPLE_RIDGE_WT_2 323611	30.91 -0.03 0.00	28.92 0.00 0.00	27.63 0.00 0.00	27.03 0.03 0.00	27.67 0.03 0.00	28.15 0.03 0.00	35.91 -0.04 0.42	40.42 -0.04 0.35	38.22 0.00 0.20	33.33 0.00 0.46	33.07 0.00 0.46	34.81 0.00 0.44	35.50 0.00 0.42	38.19 0.00 0.38	40.50 -0.04 0.47	43.99 -0.04 0.51	50.98 -0.05 0.35	62.97 -0.06 0.07	66.03 -0.07 0.18	59.13 -0.12 0.13	50.04 -0.20 0.36	42.53 -0.17 0.23	36.68 -0.11 0.27	33.10 -0.10 0.34
MARBLE_RIVER_WT_PWR 323696	33.71 1.11 -1.66	31.66 1.04 -1.71	29.78 0.94 -1.21	29.20 0.94 -1.25	29.18 0.91 -0.63	31.20 1.07 -2.00	39.15 1.53 -1.26	43.56 1.67 -1.06	40.98 1.96 -0.60	36.89 1.72 -1.38	36.67 1.74 -1.39	38.37 1.80 -1.32	39.00 1.80 -1.28	41.58 1.85 -1.16	43.46 1.03 -1.42	46.78 0.71 -1.53	53.26 0.82 -1.05	64.57 1.26 -0.21	68.05 1.26 -0.53	60.83 1.07 -0.39	52.14 0.45 -1.08	44.45 0.81 -0.70	39.42 1.56 -0.81	35.94 1.38 -1.02
MARSHVLE_115KV_TB1 80742	32.76 1.83 0.00	30.71 1.79 0.00	29.34 1.71 0.00	28.68 1.67 0.00	29.44 1.80 0.00	30.04 1.91 0.00	38.94 2.58 0.00	43.27 2.45 0.00	39.22 1.11 0.32	33.90 0.44 0.33	32.73 0.07 0.87	34.72 0.00 0.52	35.55 -0.07 0.30	38.24 0.04 0.38	40.64 0.12 0.49	44.42 0.49 0.60	52.10 1.28 0.57	65.18 2.71 0.64	69.85 4.24 0.66	63.36 4.27 0.29	54.40 3.80 0.00	45.99 3.05 0.00	39.54 2.48 0.00	35.69 2.15 0.00
MARSH_HILL_WT_PWR 323713	31.19 0.25 0.00	29.64 0.72 0.00	28.15 0.52 0.00	27.46 0.46 0.00	28.00 0.36 0.00	28.80 0.67 0.00	36.69 0.33 0.00	42.85 0.94 -1.09	39.54 0.27 -0.85	34.78 0.20 -0.78	31.89 0.00 1.65	34.84 -0.32 0.10	36.57 -0.18 -0.83	39.98 0.15 -1.25	42.13 0.21 -0.91	45.28 -0.18 -0.92	52.91 0.41 -1.11	65.09 0.57 -1.43	69.90 1.59 -2.04	63.06 1.48 -2.20	53.65 1.16 -1.88	44.58 0.73 -0.91	38.52 0.67 -0.80	35.88 1.11 -1.23
MCINTYRE_115KV_TB2 80467	54.98 0.50 -23.55	53.56 0.46 -24.18	45.22 0.41 -17.18	45.09 0.41 -17.68	37.00 0.47 -8.89	57.09 0.53 -28.43	56.93 0.95 -19.63	58.43 1.02 -16.59	48.84 1.00 -9.42	55.92 0.64 -21.48	55.77 0.57 -21.67	56.51 0.60 -20.66	56.41 0.54 -19.95	57.17 0.54 -18.06	63.72 0.62 -22.09	69.20 0.80 -23.86	68.82 0.98 -16.46	68.07 1.64 -3.33	76.52 1.99 -8.27	67.27 1.84 -6.06	68.70 1.21 -16.88	54.70 0.90 -10.86	50.42 0.78 -12.58	50.16 0.67 -15.95
MECO_____69_KV_BK1 80468	32.98 2.04 0.00	30.91 2.00 0.00	29.53 1.91 0.00	28.84 1.84 0.00	29.61 1.96 0.00	30.24 2.11 0.00	39.16 2.80 0.00	43.64 2.82 0.00	39.57 1.50 0.35	34.14 0.71 0.36	32.98 0.23 0.79	34.81 0.07 0.51	35.56 -0.04 0.33	38.28 0.12 0.41	40.72 0.25 0.54	44.63 0.76 0.66	52.55 1.80 0.63	65.75 3.34 0.70	70.31 4.77 0.73	63.69 4.63 0.32	54.70 4.10 0.00	46.20 3.26 0.00	39.76 2.71 0.00	35.89 2.35 0.00
MENANDS___115KV_TB5 355628	31.56 0.62 0.00	29.44 0.52 0.00	28.18 0.55 0.00	27.57 0.57 0.00	28.23 0.58 0.00	28.69 0.56 0.00	37.13 0.76 0.00	41.59 0.78 0.00	38.45 0.54 0.51	33.78 0.51 0.52	33.31 0.50 0.73	35.15 0.49 0.59	35.91 0.47 0.48	38.44 0.46 0.60	40.68 0.45 0.78	44.16 0.58 0.96	51.09 0.62 0.91	62.85 0.76 1.01	65.88 0.66 1.05	59.45 0.53 0.46	51.26 0.66 0.00	43.54 0.60 0.00	37.20 0.56 0.41	34.08 0.54 0.00
MG INDUSTRY___DRP 24185	31.62 0.68 0.00	29.55 0.64 0.00	28.29 0.66 0.00	27.68 0.68 0.00	28.34 0.69 0.00	28.74 0.62 0.00	37.16 0.80 0.00	41.59 0.78 0.00	38.67 0.46 0.22	33.91 0.34 0.22	33.25 0.30 0.58	35.18 0.28 0.35	35.94 0.22 0.20	38.36 0.04 0.25	40.72 0.04 0.33	44.31 0.18 0.41	51.20 0.21 0.39	63.05 0.38 0.43	66.28 0.46 0.45	59.59 0.42 0.20	51.11 0.51 0.00	43.41 0.47 0.00	37.35 0.48 0.19	34.14 0.60 0.00

MID___OSWEGATCHIE_HYD 23849	45.53 0.34 -14.25	44.02 0.46 -14.64	38.41 0.39 -10.40	38.08 0.38 -10.70	33.47 0.44 -5.38	45.87 0.53 -17.21	48.58 1.02 -11.20	52.35 1.22 -10.30	45.72 1.11 -6.19	47.48 0.68 -13.01	46.69 0.54 -12.61	48.19 0.56 -12.38	48.53 0.43 -12.18	50.58 0.50 -11.50	54.99 0.49 -13.48	59.75 0.71 -14.50	62.72 0.87 -10.46	67.94 1.58 -3.26	74.85 1.92 -6.66	66.77 1.84 -5.55	63.45 1.42 -11.43	51.04 1.03 -7.07	45.89 0.89 -7.95	44.64 0.80 -10.29
MID___RAQUETTE_HYD 23851	52.18 0.22 -21.03	50.71 0.20 -21.59	43.16 0.19 -15.34	42.98 0.19 -15.79	35.80 0.22 -7.94	53.79 0.28 -25.38	53.54 0.65 -16.52	56.00 0.73 -14.45	47.67 0.85 -8.40	52.92 0.61 -18.52	52.76 0.54 -18.68	53.65 0.56 -17.84	53.68 0.50 -17.25	54.97 0.50 -15.90	60.57 0.45 -19.11	65.72 0.58 -20.60	66.53 0.67 -14.48	67.90 1.20 -3.60	75.69 1.33 -8.09	66.94 1.25 -6.32	66.62 0.76 -15.25	53.14 0.56 -9.65	48.65 0.56 -11.04	48.13 0.47 -14.12
MILLIKEN___1 23584	31.40 0.46 0.00	29.44 0.52 0.00	28.07 0.44 0.00	27.49 0.49 0.00	28.06 0.41 0.00	28.63 0.51 0.00	36.98 0.62 0.00	41.60 0.78 0.00	39.00 0.58 0.00	34.16 0.37 0.00	30.18 0.20 3.56	34.11 0.18 1.31	36.18 0.25 0.00	38.96 0.39 0.00	41.51 0.49 0.00	45.12 0.58 0.00	52.26 0.87 0.00	64.36 1.26 0.00	67.93 1.66 -0.01	61.10 1.72 -0.01	52.08 1.47 0.00	44.14 1.20 0.00	37.95 0.89 0.00	34.45 0.91 0.00
MILLIKEN___2 23585	31.40 0.46 0.00	29.44 0.52 0.00	28.07 0.44 0.00	27.49 0.49 0.00	28.06 0.41 0.00	28.63 0.51 0.00	36.98 0.62 0.00	41.60 0.78 0.00	39.00 0.58 0.00	34.16 0.37 0.00	30.18 0.20 3.56	34.11 0.18 1.31	36.18 0.25 0.00	38.96 0.39 0.00	41.51 0.49 0.00	45.12 0.58 0.00	52.26 0.87 0.00	64.36 1.26 0.00	67.93 1.66 -0.01	61.10 1.72 -0.01	52.08 1.47 0.00	44.14 1.20 0.00	37.95 0.89 0.00	34.45 0.91 0.00
MILLIKEN___DIESEL 23629	31.40 0.46 0.00	29.44 0.52 0.00	28.07 0.44 0.00	27.49 0.49 0.00	28.06 0.41 0.00	28.63 0.51 0.00	36.98 0.62 0.00	41.60 0.78 0.00	39.00 0.58 0.00	34.16 0.37 0.00	30.18 0.20 3.56	34.11 0.18 1.31	36.18 0.25 0.00	38.96 0.39 0.00	41.51 0.49 0.00	45.12 0.58 0.00	52.26 0.87 0.00	64.36 1.26 0.00	67.93 1.66 -0.01	61.10 1.72 -0.01	52.08 1.47 0.00	44.14 1.20 0.00	37.95 0.89 0.00	34.45 0.91 0.00
MILLSEAT___LFGE 323607	30.88 -0.06 0.00	29.64 0.72 0.00	28.07 0.44 0.00	27.06 0.05 0.00	27.67 0.03 0.00	28.46 0.34 0.00	35.89 -0.47 0.00	42.72 -0.65 -2.55	40.28 -0.65 -2.51	35.81 -0.30 -2.32	34.50 -0.37 -1.33	36.52 -0.74 -2.01	37.69 -0.68 -2.45	41.89 -0.39 -3.70	43.31 -0.41 -2.71	46.25 -1.02 -2.74	54.07 -0.61 -3.30	66.44 -0.88 -4.23	72.23 -0.07 -6.03	65.94 0.06 -6.51	56.36 0.20 -5.55	45.39 -0.26 -2.71	39.28 -0.15 -2.37	37.66 0.43 -3.68
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.67 1.73 0.00	30.30 1.39 0.00	28.79 1.16 0.00	28.03 1.03 0.00	28.72 1.08 0.00	29.28 1.15 0.00	38.11 1.75 0.00	42.66 1.84 0.00	40.72 1.69 -0.60	36.10 1.69 -0.62	35.28 1.98 0.24	37.73 2.19 -0.29	38.83 2.33 -0.57	41.71 2.43 -0.71	44.41 2.46 -0.93	48.40 2.72 -1.14	55.45 2.98 -1.08	67.77 3.47 -1.20	70.84 3.31 -1.25	62.59 2.67 -0.55	53.13 2.53 0.00	45.08 2.15 0.00	39.06 2.00 0.00	35.02 1.48 0.00
MILLWOOD_13_KV_LOAD 356217	32.73 1.79 0.00	30.36 1.45 0.00	28.87 1.24 0.00	28.09 1.08 0.00	28.78 1.13 0.00	29.34 1.21 0.00	38.18 1.82 0.00	42.78 1.96 0.00	40.83 1.81 -0.60	36.20 1.79 -0.62	35.38 2.08 0.24	37.80 2.26 -0.29	38.90 2.41 -0.57	41.83 2.55 -0.71	44.53 2.58 -0.93	48.48 2.81 -1.14	55.55 3.08 -1.08	67.96 3.66 -1.20	70.97 3.45 -1.25	62.71 2.79 -0.55	53.29 2.68 0.00	45.21 2.28 0.00	39.13 2.08 0.00	35.08 1.54 0.00
MODEL_CITY_ENERGY 24167	30.29 -0.65 0.00	29.15 0.23 0.00	27.60 -0.03 0.00	26.44 -0.57 0.00	27.01 -0.63 0.00	27.82 -0.31 0.00	34.91 -1.46 0.00	41.51 -1.75 -2.45	38.97 -1.84 -2.40	34.75 -1.25 -2.21	33.41 -1.27 -1.15	35.33 -1.80 -1.87	36.54 -1.72 -2.34	40.60 -1.51 -3.53	41.87 -1.72 -2.58	44.56 -2.58 -2.61	52.06 -2.47 -3.15	63.91 -3.22 -4.03	69.42 -2.59 -5.74	63.32 -2.26 -6.21	54.03 -1.87 -5.29	43.67 -1.85 -2.58	37.95 -1.37 -2.26	36.69 -0.37 -3.52
MODERN_LFGE___ 323580	30.29 -0.65 0.00	29.15 0.23 0.00	27.60 -0.03 0.00	26.44 -0.57 0.00	27.01 -0.63 0.00	27.82 -0.31 0.00	34.91 -1.46 0.00	41.51 -1.75 -2.45	38.97 -1.84 -2.40	34.75 -1.25 -2.21	33.41 -1.27 -1.15	35.33 -1.80 -1.87	36.54 -1.72 -2.34	40.60 -1.51 -3.53	41.87 -1.72 -2.58	44.56 -2.58 -2.61	52.06 -2.47 -3.15	63.91 -3.22 -4.03	69.42 -2.59 -5.74	63.32 -2.26 -6.21	54.03 -1.87 -5.29	43.67 -1.85 -2.58	37.95 -1.37 -2.26	36.69 -0.37 -3.52
MOHAWK_PAPER___DRP 24187	31.71 0.77 0.00	29.61 0.69 0.00	28.32 0.69 0.00	27.71 0.70 0.00	28.36 0.72 0.00	28.83 0.70 0.00	37.34 0.98 0.00	41.84 1.02 0.00	38.64 0.73 0.51	33.91 0.64 0.52	33.44 0.64 0.73	35.29 0.63 0.59	36.02 0.57 0.48	38.59 0.62 0.60	40.84 0.62 0.79	44.38 0.80 0.96	51.40 0.92 0.91	63.22 1.14 1.01	66.34 1.13 1.06	59.86 0.95 0.46	51.62 1.01 0.00	43.80 0.86 0.00	37.44 0.78 0.40	34.28 0.74 0.00
MOHICAN___35_KV_115KV_LD 80490	33.38 2.44 0.00	31.32 2.40 0.00	29.87 2.24 0.00	29.17 2.16 0.00	29.91 2.27 0.00	30.54 2.42 0.00	39.45 3.09 0.00	44.21 3.39 0.00	40.26 2.46 0.62	35.05 1.89 0.64	34.33 1.58 0.78	36.12 1.55 0.68	36.78 1.44 0.58	39.58 1.74 0.73	40.92 0.86 0.96	44.53 1.16 1.17	52.23 1.95 1.11	64.71 2.84 1.23	68.36 3.38 1.29	62.02 3.21 0.56	53.49 2.88 0.00	45.34 2.40 0.00	40.44 2.96 -0.42	36.26 2.72 0.00
MONGAUP___HYD 23641	32.42 1.49 0.00	30.16 1.24 0.00	28.68 1.05 0.00	27.95 0.94 0.00	28.67 1.02 0.00	29.17 1.04 0.00	37.96 1.60 0.00	42.37 1.55 0.00	40.16 1.27 -0.47	35.42 1.15 -0.48	34.35 1.21 0.39	36.74 1.34 -0.15	37.84 1.47 -0.44	40.71 1.58 -0.55	43.46 1.72 -0.72	47.47 2.05 -0.88	54.64 2.42 -0.84	67.12 3.09 -0.93	70.36 3.12 -0.97	62.53 2.73 -0.42	53.15 2.53 -0.02	45.13 2.19 0.00	38.87 1.82 0.00	34.92 1.38 0.00
MONTAUK___DIESEL 23721	34.16 3.22 0.00	31.43 2.52 0.00	29.48 1.85 0.00	28.57 1.57 0.00	29.22 1.58 0.00	29.98 1.86 0.00	39.16 2.80 0.00	43.66 2.82 -0.02	42.18 3.15 -0.61	37.56 3.14 -0.62	36.97 3.66 0.23	39.40 3.84 -0.30	40.53 4.02 -0.58	44.80 4.36 -1.86	46.43 4.47 -0.95	50.37 4.68 -1.15	57.71 5.24 -1.09	70.24 5.93 -1.20	72.96 5.43 -1.26	64.38 4.45 -0.55	55.01 4.40 0.00	46.80 3.86 0.00	40.77 3.71 -0.01	36.73 3.19 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.85 -0.09 0.00	29.61 0.69 0.00	28.04 0.41 0.00	27.30 0.30 0.00	27.81 0.17 0.00	28.80 0.68 0.00	36.25 -0.11 0.00	43.76 0.94 -2.00	41.09 0.73 -1.94	36.36 0.78 -1.79	34.40 0.50 -0.36	37.12 0.56 -1.31	38.54 0.72 -1.89	42.63 1.20 -2.86	44.37 1.27 -2.09	47.19 0.53 -2.11	54.80 0.87 -2.55	67.44 1.07 -3.27	72.61 1.66 -4.68	65.84 1.42 -5.04	56.06 1.16 -4.30	45.84 0.82 -2.09	39.55 0.67 -1.83	37.40 1.04 -2.82

MORRIS_RIDGE___SOLAR 323848	30.72 -0.22 0.00	29.29 0.37 0.00	27.77 0.14 0.00	27.06 0.05 0.00	27.62 -0.03 0.00	28.38 0.25 0.00	35.96 -0.40 0.00	42.20 0.00 -1.38	39.28 -0.46 -1.32	34.60 -0.40 -1.21	32.24 -0.54 0.76	34.89 -0.88 -0.52	36.45 -0.76 -1.29	40.01 -0.50 -1.94	41.90 -0.53 -1.42	44.99 -0.98 -1.43	52.50 -0.61 -1.73	64.63 -0.69 -2.22	69.78 0.33 -3.18	63.16 0.36 -3.42	53.78 0.25 -2.92	44.35 0.00 -1.42	38.37 0.07 -1.24	36.03 0.57 -1.92
MORTIMER_115KV_TB3 55949	30.63 -0.31 0.00	29.12 0.20 0.00	27.66 0.03 0.00	26.92 -0.08 0.00	27.51 -0.14 0.00	28.21 0.08 0.00	35.85 -0.51 0.00	42.66 -1.06 -2.91	40.20 -1.04 -2.82	35.51 -0.88 -2.60	34.35 -1.01 -1.82	36.60 -1.02 -2.38	37.71 -0.97 -2.75	41.90 -0.81 -4.14	43.27 -0.78 -3.03	46.36 -1.25 -3.07	53.74 -1.34 -3.69	66.32 -1.51 -4.74	71.76 -1.26 -6.75	65.83 -0.83 -7.29	56.22 -0.61 -6.22	45.28 -0.69 -3.03	39.01 -0.70 -2.66	37.33 -0.34 -4.13
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.95 2.01 0.00	30.51 1.59 0.00	28.95 1.33 0.00	28.14 1.13 0.00	28.86 1.22 0.00	29.42 1.29 0.00	38.36 2.00 0.00	42.96 2.12 -0.02	41.03 2.00 -0.61	36.41 1.99 -0.62	35.61 2.31 0.24	38.08 2.54 -0.29	39.19 2.69 -0.57	42.10 2.82 -0.71	44.86 2.91 -0.94	48.80 3.12 -1.14	55.91 3.44 -1.09	68.28 3.98 -1.20	71.30 3.78 -1.26	63.01 3.09 -0.55	53.49 2.88 0.00	45.38 2.45 0.00	39.39 2.33 0.00	35.25 1.71 0.00
MUNSVILLE_WIND_PWR 323609	32.89 1.95 0.00	30.88 1.97 0.00	29.37 1.74 0.00	28.71 1.70 0.00	29.53 1.88 0.00	30.24 2.11 0.00	39.38 3.02 0.00	42.52 2.20 0.50	39.56 1.65 0.51	34.33 1.01 0.47	30.62 0.71 3.62	34.24 0.64 1.65	36.00 0.57 0.50	38.64 0.81 0.75	41.49 1.03 0.55	46.43 2.45 0.55	54.11 3.39 0.67	67.23 4.98 0.86	71.08 6.03 1.22	63.70 5.64 1.32	54.44 4.96 1.12	46.21 3.82 0.55	39.62 3.04 0.48	35.58 2.78 0.75
N SALMON___HYD 24042	39.42 0.80 -7.68	37.52 0.72 -7.88	33.89 0.66 -5.60	33.42 0.65 -5.76	31.18 0.64 -2.90	38.15 0.76 -9.27	43.56 1.20 -6.00	47.20 1.31 -5.07	42.88 1.58 -2.88	41.68 1.32 -6.57	41.47 1.31 -6.62	42.90 1.34 -6.32	43.35 1.33 -6.10	45.44 1.35 -5.52	48.83 1.06 -6.75	52.86 1.03 -7.29	57.60 1.18 -5.03	65.95 1.83 -1.02	70.65 1.85 -2.53	62.83 1.60 -1.85	56.72 0.96 -5.16	47.20 0.94 -3.32	42.05 1.15 -3.85	39.39 0.97 -4.88
N.AKRON__115KV_KNAPP 355671	30.82 -0.12 0.00	29.61 0.69 0.00	27.79 0.17 0.00	27.03 0.03 0.00	27.54 -0.11 0.00	28.41 0.28 0.00	35.74 -0.62 0.00	42.42 -0.94 -2.54	40.46 -0.42 -2.46	35.76 -0.30 -2.27	34.20 -0.57 -1.24	36.59 -0.60 -1.95	37.79 -0.54 -2.40	41.96 -0.54 -3.62	43.54 -0.12 -2.65	46.41 -0.80 -2.68	53.89 -0.72 -3.22	66.60 -0.63 -4.14	72.10 -0.07 -5.90	66.16 0.42 -6.37	56.44 0.40 -5.43	45.67 0.09 -2.65	39.38 0.00 -2.32	37.71 0.57 -3.60
N.E_GEN_SANDY PD 24062	32.18 1.24 0.00	29.93 1.01 0.00	28.51 0.88 0.00	27.84 0.84 0.00	28.61 0.97 0.00	29.03 0.90 0.00	37.74 1.38 0.00	42.13 1.31 0.00	34.87 1.11 4.66	30.00 1.01 4.80	31.51 1.07 3.10	32.40 1.23 4.08	32.82 1.29 4.39	34.44 1.35 5.48	35.24 1.43 7.21	37.33 1.60 8.81	44.77 1.75 8.36	55.90 2.08 9.28	58.50 1.92 9.69	56.80 1.66 4.23	52.12 1.67 0.15	44.35 1.41 0.00	38.47 1.26 -0.15	34.51 0.97 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.49 1.55 0.00	30.13 1.21 0.00	28.68 1.05 0.00	27.92 0.92 0.00	28.61 0.97 0.00	29.17 1.04 0.00	37.96 1.60 0.00	42.49 1.67 0.00	40.43 1.46 -0.55	35.85 1.49 -0.57	34.98 1.74 0.30	37.42 1.94 -0.24	38.52 2.08 -0.52	41.38 2.16 -0.65	44.08 2.21 -0.85	48.03 2.45 -1.04	55.09 2.72 -0.99	67.35 3.15 -1.09	70.46 3.05 -1.14	62.31 2.43 -0.50	52.98 2.38 0.00	44.91 1.98 0.00	38.87 1.82 0.00	34.88 1.34 0.00
N.QUEENS_27_KV_LOAD 356247	33.24 2.29 -0.01	30.77 1.85 -0.01	29.18 1.55 -0.01	28.34 1.32 -0.01	29.06 1.41 -0.01	29.59 1.46 0.00	38.43 2.07 0.00	42.85 2.00 -0.03	40.87 1.84 -0.61	36.34 1.93 -0.62	35.61 2.31 0.24	38.08 2.54 -0.29	39.19 2.69 -0.57	42.14 2.85 -0.71	44.74 2.79 -0.94	48.67 2.98 -1.14	55.81 3.34 -1.09	68.09 3.79 -1.20	70.97 3.45 -1.26	62.72 2.79 -0.55	53.29 2.68 0.00	45.26 2.32 0.00	39.72 2.67 0.00	35.56 2.01 -0.01
N.TROY___115KV_TB1 355778	32.18 1.24 0.00	30.01 1.10 0.00	28.68 1.05 0.00	28.03 1.03 0.00	28.72 1.08 0.00	29.22 1.10 0.00	37.89 1.53 0.00	42.37 1.55 0.00	38.86 1.19 0.75	34.00 0.98 0.77	33.62 0.94 0.86	35.45 0.99 0.79	36.19 0.97 0.71	38.77 1.08 0.88	40.84 0.98 1.16	44.33 1.20 1.41	51.53 1.49 1.34	63.50 1.89 1.49	66.70 1.99 1.56	60.48 1.78 0.68	52.27 1.67 0.00	44.40 1.46 0.00	39.19 1.37 -0.77	34.75 1.21 0.00
NARROWS_GT1_1 24228	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	42.67 2.04 0.19	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.45 2.92 -0.28	39.53 3.05 -0.56	42.51 3.24 -0.69	45.25 3.32 -0.91	49.17 3.52 -1.11	56.29 3.86 -1.05	68.81 4.55 -1.17	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
NARROWS_GT1_2 24229	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	42.67 2.04 0.19	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.45 2.92 -0.28	39.53 3.05 -0.56	42.51 3.24 -0.69	45.25 3.32 -0.91	49.17 3.52 -1.11	56.29 3.86 -1.05	68.81 4.55 -1.17	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
NARROWS_GT1_3 24230	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	42.67 2.04 0.19	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.45 2.92 -0.28	39.53 3.05 -0.56	42.51 3.24 -0.69	45.25 3.32 -0.91	49.17 3.52 -1.11	56.29 3.86 -1.05	68.81 4.55 -1.17	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
NARROWS_GT1_4 24231	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	42.67 2.04 0.19	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.45 2.92 -0.28	39.53 3.05 -0.56	42.51 3.24 -0.69	45.25 3.32 -0.91	49.17 3.52 -1.11	56.29 3.86 -1.05	68.81 4.55 -1.17	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
NARROWS_GT1_5 24232	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	42.67 2.04 0.19	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.45 2.92 -0.28	39.53 3.05 -0.56	42.51 3.24 -0.69	45.25 3.32 -0.91	49.17 3.52 -1.11	56.29 3.86 -1.05	68.81 4.55 -1.17	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01

NARROWS_GT1_6 24233	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	42.67 2.04 0.19	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.45 2.92 -0.28	39.53 3.05 -0.56	42.51 3.24 -0.69	45.25 3.32 -0.91	49.17 3.52 -1.11	56.29 3.86 -1.05	68.81 4.55 -1.17	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
NARROWS_GT1_7 24234	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	42.67 2.04 0.19	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.45 2.92 -0.28	39.53 3.05 -0.56	42.51 3.24 -0.69	45.25 3.32 -0.91	49.17 3.52 -1.11	56.29 3.86 -1.05	68.81 4.55 -1.17	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
NARROWS_GT1_8 24235	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	42.67 2.04 0.19	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.45 2.92 -0.28	39.53 3.05 -0.56	42.51 3.24 -0.69	45.25 3.32 -0.91	49.17 3.52 -1.11	56.29 3.86 -1.05	68.81 4.55 -1.17	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
NARROWS_GT2_1 24236	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	43.84 2.04 -0.98	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.46 2.92 -0.29	39.54 3.05 -0.57	42.52 3.24 -0.70	45.26 3.32 -0.93	49.18 3.52 -1.13	56.30 3.86 -1.06	68.82 4.55 -1.18	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
NARROWS_GT2_2 24237	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	43.84 2.04 -0.98	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.46 2.92 -0.29	39.54 3.05 -0.57	42.52 3.24 -0.70	45.26 3.32 -0.93	49.18 3.52 -1.13	56.30 3.86 -1.06	68.82 4.55 -1.18	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
NARROWS_GT2_3 24238	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	43.84 2.04 -0.98	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.46 2.92 -0.29	39.54 3.05 -0.57	42.52 3.24 -0.70	45.26 3.32 -0.93	49.18 3.52 -1.13	56.30 3.86 -1.06	68.82 4.55 -1.18	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
NARROWS_GT2_4 24239	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	43.84 2.04 -0.98	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.46 2.92 -0.29	39.54 3.05 -0.57	42.52 3.24 -0.70	45.26 3.32 -0.93	49.18 3.52 -1.13	56.30 3.86 -1.06	68.82 4.55 -1.18	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
NARROWS_GT2_5 24240	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	43.84 2.04 -0.98	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.46 2.92 -0.29	39.54 3.05 -0.57	42.52 3.24 -0.70	45.26 3.32 -0.93	49.18 3.52 -1.13	56.30 3.86 -1.06	68.82 4.55 -1.18	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
NARROWS_GT2_6 24241	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	43.84 2.04 -0.98	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.46 2.92 -0.29	39.54 3.05 -0.57	42.52 3.24 -0.70	45.26 3.32 -0.93	49.18 3.52 -1.13	56.30 3.86 -1.06	68.82 4.55 -1.18	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
NARROWS_GT2_7 24242	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	43.84 2.04 -0.98	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.46 2.92 -0.29	39.54 3.05 -0.57	42.52 3.24 -0.70	45.26 3.32 -0.93	49.18 3.52 -1.13	56.30 3.86 -1.06	68.82 4.55 -1.18	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
NARROWS_GT2_8 24243	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	43.84 2.04 -0.98	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.46 2.92 -0.29	39.54 3.05 -0.57	42.52 3.24 -0.70	45.26 3.32 -0.93	49.18 3.52 -1.13	56.30 3.86 -1.06	68.82 4.55 -1.18	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.99 1.05 0.00	29.87 0.95 0.00	28.57 0.94 0.00	27.92 0.92 0.00	28.61 0.97 0.00	29.05 0.93 0.00	37.67 1.31 0.00	42.33 1.51 0.00	39.73 1.31 0.00	34.77 0.98 0.00	33.92 0.87 0.49	35.84 0.78 0.18	36.71 0.79 0.00	39.11 0.54 0.00	41.67 0.66 0.00	45.61 1.07 0.00	52.87 1.49 0.00	65.24 2.15 0.00	68.79 2.52 0.00	61.69 2.32 0.00	52.12 1.52 0.00	44.27 1.33 0.00	38.38 1.48 0.16	34.85 1.31 0.00
NCHELSEA_115KV_TR2 355582	32.70 1.76 0.00	30.36 1.45 0.00	28.87 1.24 0.00	28.11 1.11 0.00	28.81 1.16 0.00	29.34 1.21 0.00	38.18 1.82 0.00	42.66 1.84 0.00	40.49 1.61 -0.46	35.85 1.59 -0.47	35.02 1.81 0.32	37.36 1.94 -0.17	38.44 2.08 -0.43	41.27 2.16 -0.54	43.98 2.26 -0.71	47.94 2.54 -0.86	55.08 2.88 -0.82	67.48 3.47 -0.91	70.60 3.38 -0.95	62.58 2.79 -0.41	53.24 2.63 0.00	45.17 2.23 0.00	39.06 2.00 0.00	35.05 1.51 0.00
NEG CAPITAL___MECHNVIL 23645	32.73 1.79 0.00	30.62 1.71 0.00	29.23 1.60 0.00	28.54 1.54 0.00	29.30 1.66 0.00	29.81 1.69 0.00	38.62 2.26 0.00	43.23 2.41 0.00	39.63 1.84 0.63	34.56 1.42 0.65	33.98 1.24 0.79	35.82 1.27 0.69	36.55 1.22 0.60	38.91 1.08 0.74	41.23 1.19 0.98	44.90 1.56 1.20	52.36 2.11 1.14	64.68 2.84 1.26	68.13 3.18 1.32	61.71 2.91 0.57	53.26 2.68 0.02	45.08 2.15 0.00	39.37 1.82 -0.49	35.45 1.91 0.00
NEG CENTRAL_HIGH_ACRES 23767	30.11 -0.83 0.00	28.51 -0.40 0.00	27.10 -0.53 0.00	26.47 -0.54 0.00	27.04 -0.61 0.00	27.67 -0.45 0.00	35.34 -1.02 0.00	43.55 0.21 -2.52	40.99 0.12 -2.45	36.05 0.00 -2.26	34.35 -0.10 -0.91	36.78 -0.28 -1.82	38.21 -0.11 -2.39	42.41 0.23 -3.60	44.06 0.41 -2.64	47.43 0.22 -2.67	55.21 0.62 -3.21	67.91 0.70 -4.12	73.39 1.26 -5.87	67.08 1.37 -6.34	57.07 1.06 -5.41	46.26 0.68 -2.64	39.70 0.33 -2.31	37.63 0.50 -3.59

NEG CENTRAL___DRP 24199	31.00 0.06 0.00	29.15 0.23 0.00	27.77 0.14 0.00	27.17 0.16 0.00	27.73 0.08 0.00	28.38 0.25 0.00	36.47 0.11 0.00	42.65 0.65 -1.18	40.14 0.58 -1.14	35.19 0.34 -1.06	31.91 0.17 1.79	35.39 0.11 -0.03	37.26 0.22 -1.12	40.57 0.31 -1.68	42.66 0.41 -1.23	46.10 0.31 -1.25	53.55 0.67 -1.50	66.03 1.01 -1.93	70.54 1.52 -2.75	63.88 1.54 -2.97	54.40 1.27 -2.53	45.16 0.99 -1.23	38.95 0.82 -1.08	36.15 0.94 -1.67
NEG CENTRAL___INDECK 23768	31.68 0.74 0.00	30.13 1.21 0.00	28.57 0.94 0.00	27.87 0.86 0.00	28.45 0.80 0.00	29.19 1.07 0.00	37.27 0.91 0.00	43.62 0.98 -1.83	40.61 0.46 -1.73	35.63 0.24 -1.60	33.45 0.00 0.08	35.91 -0.35 -1.02	37.29 -0.32 -1.69	41.19 0.08 -2.54	43.08 0.21 -1.86	46.42 0.00 -1.88	54.37 0.72 -2.27	67.14 1.14 -2.91	72.74 2.32 -4.15	66.23 2.38 -4.48	56.50 2.08 -3.82	46.08 1.29 -1.86	39.72 1.04 -1.63	37.27 1.21 -2.53
NEG CENTRAL___SENECA 23627	31.13 0.19 0.00	29.35 0.43 0.00	27.93 0.30 0.00	27.30 0.30 0.00	27.87 0.22 0.00	28.55 0.42 0.00	36.65 0.29 0.00	42.93 1.14 -0.96	40.35 1.00 -0.93	35.36 0.71 -0.86	32.04 0.47 1.96	35.51 0.42 0.16	37.41 0.57 -0.91	40.56 0.62 -1.37	42.80 0.78 -1.01	46.22 0.67 -1.02	53.84 1.23 -1.22	66.37 1.70 -1.57	70.97 2.45 -2.25	64.23 2.43 -2.42	54.59 1.92 -2.07	45.49 1.55 -1.01	39.31 1.37 -0.88	36.38 1.48 -1.36
NEG CENTRAL___STATE_STREET 24147	31.38 0.03 -0.41	29.48 0.14 -0.42	28.01 0.08 -0.30	27.42 0.11 -0.31	27.86 0.06 -0.15	28.76 0.14 -0.49	36.47 0.11 0.00	42.37 0.24 -1.31	39.88 0.19 -1.27	35.00 0.03 -1.17	31.80 -0.07 1.67	35.30 -0.11 -0.15	37.13 -0.04 -1.24	40.52 0.08 -1.87	42.55 0.16 -1.37	46.01 0.09 -1.38	53.36 0.31 -1.66	65.74 0.50 -2.13	70.11 0.80 -3.04	63.55 0.89 -3.29	54.17 0.76 -2.80	44.90 0.60 -1.37	38.63 0.37 -1.20	35.87 0.47 -1.86
NEG MILLWOOD___DRP 24198	32.86 1.92 0.00	30.48 1.56 0.00	28.98 1.35 0.00	28.22 1.22 0.00	28.92 1.27 0.00	29.48 1.35 0.00	38.36 2.00 0.00	42.98 2.16 0.00	40.86 1.92 -0.52	36.15 1.82 -0.53	35.33 2.08 0.28	37.69 2.22 -0.22	38.85 2.44 -0.49	41.69 2.51 -0.61	44.35 2.54 -0.80	48.41 2.89 -0.97	55.55 3.24 -0.92	68.10 3.98 -1.03	71.12 3.78 -1.07	62.93 3.09 -0.47	53.54 2.94 0.00	45.43 2.49 0.00	39.24 2.19 0.00	35.22 1.68 0.00
NEG NORTH_FLCN_SEA 23793	33.78 1.18 -1.66	31.72 1.10 -1.71	29.83 0.99 -1.21	29.25 1.00 -1.25	29.24 0.97 -0.63	31.26 1.13 -2.00	39.18 1.56 -1.26	43.56 1.67 -1.06	41.02 2.00 -0.60	36.93 1.76 -1.38	36.70 1.78 -1.39	38.37 1.80 -1.32	39.03 1.83 -1.28	41.62 1.89 -1.16	44.60 2.17 -1.42	48.47 2.41 -1.53	55.16 2.72 -1.05	66.97 3.66 -0.21	70.58 3.78 -0.53	63.09 3.32 -0.39	54.06 2.38 -1.08	45.61 1.98 -0.70	39.46 1.59 -0.81	35.97 1.41 -1.02
NEG NORTH_KES_CHATEGAY 23792	34.66 0.56 -3.17	32.66 0.49 -3.25	30.35 0.41 -2.31	29.82 0.43 -2.38	29.26 0.41 -1.20	32.46 0.51 -3.82	39.57 0.76 -2.45	43.66 0.78 -2.07	40.67 1.08 -1.17	37.38 0.91 -2.68	37.17 0.94 -2.70	38.74 0.92 -2.57	39.34 0.93 -2.49	41.79 0.96 -2.25	44.92 1.15 -2.75	48.80 1.29 -2.97	54.93 1.49 -2.05	65.60 2.08 -0.42	69.42 2.12 -1.03	62.03 1.90 -0.75	53.87 1.16 -2.10	45.28 0.99 -1.35	39.40 0.78 -1.57	36.17 0.64 -1.99
NEG NORTH___ALICE_FALLS 23915	34.05 1.18 -1.93	32.00 1.10 -1.99	30.03 0.99 -1.41	29.43 0.97 -1.45	29.34 0.97 -0.73	31.58 1.13 -2.33	39.43 1.60 -1.47	43.66 1.59 -1.24	41.05 1.92 -0.71	37.09 1.69 -1.61	36.87 1.71 -1.63	38.53 1.73 -1.55	39.18 1.76 -1.50	41.74 1.81 -1.35	44.76 2.09 -1.66	48.73 2.41 -1.79	55.34 2.72 -1.23	67.07 3.72 -0.25	70.73 3.84 -0.62	63.21 3.38 -0.45	54.25 2.38 -1.27	45.77 2.02 -0.81	39.59 1.59 -0.94	36.11 1.38 -1.20
NEG NORTH___LWR_SARANAC 23913	34.05 1.18 -1.93	32.00 1.10 -1.99	30.03 0.99 -1.41	29.43 0.97 -1.45	29.34 0.97 -0.73	31.58 1.13 -2.33	39.43 1.60 -1.47	43.66 1.59 -1.24	41.05 1.92 -0.71	37.09 1.69 -1.61	36.87 1.71 -1.63	38.53 1.73 -1.55	39.18 1.76 -1.50	41.74 1.81 -1.35	44.76 2.09 -1.66	48.73 2.41 -1.79	55.34 2.72 -1.23	67.07 3.72 -0.25	70.73 3.84 -0.62	63.21 3.38 -0.45	54.25 2.38 -1.27	45.77 2.02 -0.81	39.59 1.59 -0.94	36.11 1.38 -1.20
NEG NORTH___PLATTSBURG 23628	34.05 1.18 -1.93	32.00 1.10 -1.99	30.03 0.99 -1.41	29.43 0.97 -1.45	29.34 0.97 -0.73	31.59 1.13 -2.33	39.43 1.60 -1.47	43.70 1.63 -1.24	41.09 1.96 -0.71	37.13 1.72 -1.61	36.87 1.71 -1.63	38.56 1.76 -1.55	39.18 1.76 -1.50	41.74 1.81 -1.35	43.78 1.11 -1.66	47.22 0.89 -1.79	53.70 1.08 -1.23	65.05 1.70 -0.25	68.55 1.66 -0.62	61.25 1.42 -0.45	52.63 0.76 -1.27	44.74 0.99 -0.81	39.59 1.59 -0.94	36.11 1.38 -1.20
NEG WEST_LEA_LOCKPORT 23791	30.38 -0.56 0.00	29.23 0.32 0.00	27.43 -0.19 0.00	26.68 -0.32 0.00	27.18 -0.47 0.00	28.07 -0.06 0.00	35.13 -1.24 0.00	41.60 -1.67 -2.46	39.27 -1.54 -2.38	34.77 -1.22 -2.20	33.20 -1.44 -1.11	35.51 -1.59 -1.85	36.78 -1.47 -2.33	40.84 -1.23 -3.50	42.27 -1.31 -2.56	44.86 -2.27 -2.59	52.14 -2.36 -3.12	64.33 -2.78 -4.01	69.54 -2.45 -5.72	63.71 -1.84 -6.18	54.35 -1.52 -5.27	44.08 -1.42 -2.56	38.19 -1.11 -2.25	36.83 -0.20 -3.49
NEG WEST___LANCASTR 23811	29.95 -0.99 0.00	28.71 -0.20 0.00	27.16 -0.47 0.00	26.44 -0.57 0.00	26.93 -0.72 0.00	27.82 -0.31 0.00	34.98 -1.38 0.00	43.55 0.69 -2.04	41.01 0.61 -1.97	36.29 0.68 -1.82	34.39 0.44 -0.42	37.06 0.46 -1.35	38.46 0.61 -1.93	42.49 1.00 -2.91	44.21 1.07 -2.13	47.14 0.45 -2.15	54.70 0.72 -2.59	67.50 1.07 -3.33	72.63 1.59 -4.77	66.17 1.66 -5.13	56.45 1.47 -4.37	46.18 1.12 -2.13	39.88 0.96 -1.86	37.86 1.44 -2.88
NEG_PENN_ALLEGHNY 23528	31.19 0.25 0.00	29.29 0.37 0.00	27.96 0.33 0.00	27.36 0.35 0.00	27.92 0.28 0.00	28.49 0.36 0.00	36.65 0.29 0.00	40.79 0.61 0.65	38.16 0.38 0.65	33.53 0.34 0.60	29.87 0.30 3.97	33.64 0.25 1.86	35.61 0.32 0.63	38.13 0.50 0.95	40.89 0.57 0.70	44.37 0.54 0.70	51.31 0.77 0.85	62.96 0.95 1.08	65.98 1.26 1.54	58.89 1.19 1.67	50.29 1.11 1.42	43.10 0.86 0.70	37.11 0.67 0.61	33.33 0.74 0.95
NEG___GEN_MONROE 24207	30.72 -0.22 0.00	29.26 0.35 0.00	27.71 0.08 0.00	27.00 0.00 0.00	27.59 -0.06 0.00	28.32 0.20 0.00	35.89 -0.47 0.00	42.73 -0.98 -2.89	40.30 -0.92 -2.80	35.60 -0.78 -2.58	34.39 -0.94 -1.79	36.62 -0.99 -2.36	37.72 -0.93 -2.73	41.92 -0.77 -4.11	43.25 -0.78 -3.01	46.25 -1.34 -3.05	53.61 -1.44 -3.67	66.16 -1.64 -4.70	71.71 -1.26 -6.70	65.90 -0.71 -7.24	56.27 -0.51 -6.18	45.35 -0.60 -3.01	39.07 -0.63 -2.64	37.47 -0.17 -4.10
NEPA___ENERGY 23901	30.38 -0.56 0.00	29.12 0.20 0.00	27.54 -0.08 0.00	26.84 -0.16 0.00	27.34 -0.30 0.00	28.24 0.11 0.00	35.53 -0.84 0.00	42.59 -0.24 -2.02	39.96 -0.42 -1.96	35.39 -0.20 -1.81	33.53 -0.40 -0.39	36.16 -0.42 -1.33	37.58 -0.25 -1.91	41.54 0.08 -2.88	43.20 0.08 -2.11	46.09 -0.58 -2.13	53.59 -0.36 -2.57	66.08 -0.32 -3.30	71.13 0.13 -4.73	64.76 0.30 -5.09	55.19 0.25 -4.34	45.13 0.09 -2.11	38.94 0.04 -1.85	36.96 0.57 -2.85

NEVERSINK___HYD 23608	32.70 1.76 0.00	30.39 1.47 0.00	28.90 1.27 0.00	28.14 1.13 0.00	28.89 1.25 0.00	29.39 1.27 0.00	38.29 1.93 0.00	42.74 1.92 0.00	40.44 1.69 -0.33	35.68 1.56 -0.34	34.69 1.61 0.46	37.08 1.80 -0.04	38.13 1.90 -0.31	41.00 2.04 -0.39	43.73 2.21 -0.51	47.74 2.58 -0.62	54.90 2.93 -0.59	67.41 3.66 -0.65	70.59 3.64 -0.68	62.88 3.20 -0.30	53.55 2.93 -0.01	45.47 2.53 0.00	39.17 2.11 0.00	35.15 1.61 0.00
NEWKRMKL_115KV_TB1 55635	31.40 0.46 0.00	29.29 0.38 0.00	28.07 0.44 0.00	27.44 0.43 0.00	28.09 0.44 0.00	28.55 0.42 0.00	36.91 0.55 0.00	41.43 0.61 0.00	38.36 0.38 0.45	33.66 0.34 0.47	33.17 0.34 0.70	35.02 0.32 0.54	35.75 0.25 0.42	38.27 0.23 0.53	40.56 0.25 0.70	44.04 0.36 0.85	50.93 0.36 0.81	62.58 0.38 0.90	65.66 0.33 0.94	59.20 0.24 0.41	51.01 0.40 0.00	43.28 0.34 0.00	37.05 0.33 0.34	33.91 0.37 0.00
NEWTON___FALLS_HYD 23847	45.53 0.34 -14.25	44.02 0.46 -14.64	38.41 0.39 -10.40	38.08 0.38 -10.70	33.47 0.44 -5.38	45.87 0.53 -17.21	48.58 1.02 -11.20	52.35 1.22 -10.30	45.72 1.11 -6.19	47.48 0.68 -13.01	46.69 0.54 -12.61	48.19 0.56 -12.38	48.53 0.43 -12.18	50.58 0.50 -11.50	54.99 0.49 -13.48	59.75 0.71 -14.50	62.72 0.87 -10.46	67.94 1.58 -3.26	74.85 1.92 -6.66	66.77 1.84 -5.55	63.45 1.42 -11.43	51.04 1.03 -7.07	45.89 0.89 -7.95	44.64 0.80 -10.29
NGRID_A1_DSASP 323792	29.61 -1.33 0.00	28.57 -0.35 0.00	27.02 -0.61 0.00	26.73 -0.27 0.00	27.29 -0.36 0.00	28.10 -0.03 0.00	34.43 -1.93 0.00	40.88 -2.37 -2.43	38.53 -2.27 -2.38	34.47 -1.52 -2.20	33.15 -1.51 -1.12	34.92 -2.19 -1.86	36.13 -2.12 -2.32	40.07 -2.01 -3.50	41.28 -2.30 -2.56	43.84 -3.30 -2.59	51.22 -3.29 -3.12	62.50 -4.60 -4.00	67.85 -4.11 -5.69	61.98 -3.56 -6.16	52.92 -2.94 -5.26	43.22 -2.28 -2.56	37.56 -1.74 -2.24	36.37 -0.64 -3.47
NGRID_A2_DSASP 323793	29.61 -1.33 0.00	28.57 -0.35 0.00	27.02 -0.61 0.00	26.73 -0.27 0.00	27.29 -0.36 0.00	28.10 -0.03 0.00	34.43 -1.93 0.00	40.88 -2.37 -2.43	38.53 -2.27 -2.38	34.47 -1.52 -2.20	33.15 -1.51 -1.12	34.92 -2.19 -1.86	36.13 -2.12 -2.32	40.07 -2.01 -3.50	41.28 -2.30 -2.56	43.84 -3.30 -2.59	51.22 -3.29 -3.12	62.50 -4.60 -4.00	67.85 -4.11 -5.69	61.98 -3.56 -6.16	52.92 -2.94 -5.26	43.22 -2.28 -2.56	37.56 -1.74 -2.24	36.37 -0.64 -3.47
NGRID_A4_DSASP 323807	29.61 -1.33 0.00	28.57 -0.35 0.00	27.02 -0.61 0.00	26.73 -0.27 0.00	27.29 -0.36 0.00	28.10 -0.03 0.00	34.43 -1.93 0.00	40.88 -2.37 -2.43	38.53 -2.27 -2.38	34.47 -1.52 -2.20	33.15 -1.51 -1.12	34.92 -2.19 -1.86	36.13 -2.12 -2.32	40.07 -2.01 -3.50	41.28 -2.30 -2.56	43.84 -3.30 -2.59	51.22 -3.29 -3.12	62.50 -4.60 -4.00	67.85 -4.11 -5.69	61.98 -3.56 -6.16	52.92 -2.94 -5.26	43.22 -2.28 -2.56	37.56 -1.74 -2.24	36.37 -0.64 -3.47
NIAGARA_115E_LBMP 323715	30.20 -0.74 0.00	29.09 0.17 0.00	27.52 -0.11 0.00	26.33 -0.67 0.00	26.87 -0.77 0.00	27.67 -0.45 0.00	34.76 -1.60 0.00	41.29 -1.96 -2.43	38.77 -2.04 -2.38	34.60 -1.39 -2.20	33.25 -1.41 -1.12	35.17 -1.94 -1.86	36.34 -1.91 -2.33	40.42 -1.66 -3.51	41.65 -1.93 -2.56	44.33 -2.80 -2.59	51.84 -2.67 -3.13	63.57 -3.53 -4.00	69.05 -2.91 -5.69	62.99 -2.55 -6.16	53.74 -2.12 -5.26	43.44 -2.06 -2.57	37.78 -1.52 -2.25	36.54 -0.50 -3.50
NIAGARA_115W_LBMP 323714	29.52 -1.42 0.00	28.48 -0.43 0.00	26.96 -0.66 0.00	26.71 -0.30 0.00	27.26 -0.39 0.00	28.07 -0.06 0.00	34.36 -2.00 0.00	40.84 -2.41 -2.43	38.50 -2.30 -2.38	34.44 -1.55 -2.20	33.12 -1.54 -1.12	34.89 -2.22 -1.86	36.06 -2.19 -2.33	40.00 -2.08 -3.51	41.20 -2.38 -2.56	43.75 -3.39 -2.59	51.12 -3.39 -3.13	62.37 -4.73 -4.00	67.72 -4.24 -5.69	61.86 -3.68 -6.16	52.83 -3.03 -5.26	43.18 -2.32 -2.57	37.53 -1.78 -2.25	36.34 -0.67 -3.47
NIAGARA_230_LBMP 323716	29.98 -0.96 0.00	28.83 -0.09 0.00	27.30 -0.33 0.00	26.57 -0.43 0.00	27.12 -0.53 0.00	27.93 -0.20 0.00	34.87 -1.49 0.00	41.14 -2.12 -2.45	38.67 -2.15 -2.40	34.46 -1.55 -2.22	33.14 -1.54 -1.14	35.08 -2.05 -1.88	36.26 -2.01 -2.35	40.25 -1.85 -3.53	41.55 -2.05 -2.58	44.26 -2.89 -2.61	51.70 -2.83 -3.15	63.40 -3.72 -4.02	68.80 -3.18 -5.71	62.77 -2.79 -6.18	53.55 -2.33 -5.28	43.33 -2.19 -2.59	37.66 -1.67 -2.27	36.32 -0.74 -3.52
NIAGARA___115KV_198_GIBSON 55903	29.52 -1.42 0.00	28.48 -0.43 0.00	27.46 -0.17 0.00	26.71 -0.30 0.00	27.18 -0.47 0.00	28.07 -0.06 0.00	34.29 -2.07 0.00	40.60 -2.65 -2.43	38.51 -2.27 -2.35	34.21 -1.76 -2.17	32.60 -2.01 -1.07	34.85 -2.22 -1.82	36.07 -2.16 -2.30	39.96 -2.08 -3.47	41.29 -2.26 -2.53	43.72 -3.38 -2.56	50.67 -3.80 -3.09	62.26 -4.80 -3.95	67.25 -4.64 -5.62	61.72 -3.74 -6.09	52.66 -3.14 -5.20	43.24 -2.23 -2.54	37.50 -1.78 -2.22	36.30 -0.67 -3.43
NIAGARA____ 23760	29.98 -0.96 0.00	28.83 -0.09 0.00	27.30 -0.33 0.00	26.57 -0.43 0.00	27.12 -0.53 0.00	27.93 -0.20 0.00	34.87 -1.49 0.00	41.14 -2.12 -2.44	38.67 -2.15 -2.40	34.45 -1.55 -2.22	33.13 -1.54 -1.14	35.08 -2.05 -1.87	36.25 -2.01 -2.34	40.24 -1.85 -3.52	41.54 -2.05 -2.58	44.25 -2.89 -2.61	51.70 -2.83 -3.14	63.39 -3.72 -4.01	68.79 -3.18 -5.70	62.76 -2.79 -6.18	53.55 -2.33 -5.27	43.33 -2.19 -2.58	37.65 -1.67 -2.26	36.32 -0.74 -3.52
NINE_MILE_1 23575	30.11 -0.83 0.00	28.22 -0.69 0.00	26.94 -0.69 0.00	26.33 -0.67 0.00	26.93 -0.72 0.00	27.45 -0.68 0.00	35.38 -0.98 0.00	16.25 -0.98 23.59	14.57 -1.00 22.86	11.80 -0.88 21.11	-15.90 -0.90 48.53	2.50 -0.99 31.76	12.58 -1.01 22.34	3.96 -1.00 33.61	15.33 -1.07 24.62	18.44 -1.20 24.90	20.13 -1.28 29.97	23.07 -1.58 38.45	9.92 -1.52 54.82	-1.12 -1.31 59.19	-0.96 -1.07 50.50	17.33 -0.99 24.62	14.59 -0.89 21.58	-0.64 -0.71 33.47
NINE_MILE_2 23744	30.11 -0.83 0.00	28.22 -0.69 0.00	26.94 -0.69 0.00	26.33 -0.67 0.00	26.93 -0.72 0.00	27.45 -0.68 0.00	35.38 -0.98 0.00	16.06 -0.98 23.78	14.38 -1.00 23.05	11.62 -0.88 21.29	-16.24 -0.87 48.90	2.25 -0.99 32.01	12.39 -1.01 22.53	3.68 -1.00 33.89	15.13 -1.07 24.82	18.23 -1.20 25.10	19.88 -1.28 30.22	22.75 -1.58 38.77	9.47 -1.52 55.28	-1.62 -1.31 59.68	-1.38 -1.07 50.92	17.13 -0.99 24.82	14.45 -0.85 21.76	-0.91 -0.71 33.75
NM_CAPITAL___DRP 24208	31.50 0.56 0.00	29.38 0.46 0.00	28.12 0.50 0.00	27.52 0.51 0.00	28.17 0.53 0.00	28.60 0.48 0.00	37.05 0.69 0.00	41.51 0.69 0.00	38.38 0.46 0.50	33.71 0.44 0.52	33.24 0.44 0.73	35.09 0.42 0.59	35.85 0.40 0.47	38.37 0.39 0.59	40.61 0.37 0.78	44.08 0.49 0.95	51.00 0.51 0.90	62.67 0.57 1.00	65.76 0.53 1.04	59.33 0.42 0.46	51.11 0.51 0.00	43.41 0.47 0.00	37.08 0.44 0.42	34.01 0.47 0.00
NM_CENTRAL___DRP 24181	31.29 -0.28 -0.63	29.36 -0.20 -0.64	27.86 -0.22 -0.46	27.29 -0.19 -0.47	27.63 -0.25 -0.24	28.69 -0.20 -0.76	36.53 -0.33 -0.50	41.90 -0.20 -1.28	39.30 -0.19 -1.07	34.88 -0.24 -1.32	31.50 -0.30 1.73	35.09 -0.35 -0.19	36.89 -0.36 -1.32	39.91 -0.35 -1.69	42.15 -0.33 -1.46	45.61 -0.45 -1.52	52.49 -0.41 -1.51	64.08 -0.50 -1.48	68.07 -0.40 -2.20	61.44 -0.24 -2.30	52.72 -0.15 -2.27	43.98 -0.13 -1.17	37.94 -0.22 -1.11	35.07 -0.10 -1.63

NM_FRONTIER___DRP 24179	29.52 -1.42 0.00	28.48 -0.43 0.00	27.46 -0.17 0.00	26.71 -0.30 0.00	27.18 -0.47 0.00	28.07 -0.06 0.00	34.29 -2.07 0.00	40.60 -2.65 -2.43	38.51 -2.27 -2.35	34.21 -1.76 -2.17	32.60 -2.01 -1.07	34.85 -2.22 -1.82	36.07 -2.16 -2.30	39.96 -2.08 -3.47	41.29 -2.26 -2.53	43.72 -3.38 -2.56	50.67 -3.80 -3.09	62.26 -4.80 -3.95	67.25 -4.64 -5.62	61.72 -3.74 -6.09	52.66 -3.14 -5.20	43.24 -2.23 -2.54	37.50 -1.78 -2.22	36.30 -0.67 -3.43
NM_ST_REGIS___HYD 24053	49.59 0.37 -18.28	48.03 0.35 -18.77	41.29 0.33 -13.33	41.05 0.32 -13.72	34.88 0.33 -6.90	50.59 0.39 -22.07	51.52 0.80 -14.36	54.29 0.90 -12.57	46.81 1.08 -7.31	50.71 0.81 -16.11	50.56 0.77 -16.25	51.54 0.78 -15.52	51.65 0.72 -15.00	53.14 0.73 -13.83	58.37 0.74 -16.62	63.39 0.94 -17.91	65.01 1.03 -12.60	67.89 1.64 -3.15	75.12 1.79 -7.07	66.51 1.60 -5.53	64.90 1.01 -13.29	52.11 0.77 -8.40	47.40 0.74 -9.61	46.47 0.64 -12.29
NORTHPORT___1 23551	33.42 2.48 0.00	30.77 1.85 0.00	28.95 1.33 0.00	28.09 1.08 0.00	28.81 1.16 0.00	29.48 1.35 0.00	38.51 2.14 0.00	43.04 2.20 -0.02	41.47 2.46 -0.58	36.86 2.47 -0.60	36.04 2.75 0.24	38.49 2.96 -0.28	39.57 3.09 -0.56	43.60 3.20 -1.82	45.16 3.24 -0.91	48.90 3.25 -1.11	55.97 3.54 -1.05	68.36 4.10 -1.16	71.06 3.58 -1.21	62.93 3.03 -0.53	53.56 2.93 -0.02	46.03 3.09 0.00	40.03 2.97 -0.01	35.92 2.38 0.00
NORTHPORT___2 23552	33.42 2.48 0.00	30.77 1.85 0.00	28.95 1.33 0.00	28.09 1.08 0.00	28.81 1.16 0.00	29.48 1.35 0.00	38.51 2.14 0.00	43.04 2.20 -0.02	41.47 2.46 -0.58	36.86 2.47 -0.60	36.04 2.75 0.24	38.49 2.96 -0.28	39.57 3.09 -0.56	43.60 3.20 -1.82	45.16 3.24 -0.91	48.90 3.25 -1.11	55.97 3.54 -1.05	68.36 4.10 -1.16	71.06 3.58 -1.21	62.93 3.03 -0.53	53.56 2.93 -0.02	46.03 3.09 0.00	40.03 2.97 -0.01	35.92 2.38 0.00
NORTHPORT___3 23553	32.92 1.98 0.00	30.30 1.39 0.00	28.57 0.94 0.00	27.70 0.70 0.00	28.42 0.77 0.00	29.05 0.93 0.00	37.92 1.56 0.00	42.11 1.27 -0.02	40.81 1.81 -0.58	36.28 1.89 -0.60	35.47 2.18 0.24	37.93 2.40 -0.28	38.96 2.48 -0.56	42.65 2.24 -1.83	43.97 2.05 -0.90	47.82 2.18 -1.10	54.79 2.36 -1.04	66.96 2.71 -1.15	69.59 2.12 -1.20	61.62 1.72 -0.52	52.39 1.77 -0.01	44.77 1.85 0.01	39.40 2.34 -0.01	35.35 1.81 0.00
NORTHPORT___4 23650	32.92 1.98 0.00	30.30 1.39 0.00	28.57 0.94 0.00	27.70 0.70 0.00	28.42 0.77 0.00	29.05 0.93 0.00	37.92 1.56 0.00	42.11 1.27 -0.02	40.81 1.81 -0.58	36.28 1.89 -0.60	35.47 2.18 0.24	37.93 2.40 -0.28	38.96 2.48 -0.56	42.65 2.24 -1.83	43.97 2.05 -0.90	47.82 2.18 -1.10	54.79 2.36 -1.04	66.96 2.71 -1.15	69.59 2.12 -1.20	61.62 1.72 -0.52	52.39 1.77 -0.01	44.77 1.85 0.01	39.40 2.34 -0.01	35.35 1.81 0.00
NORTHPORT___IC 23718	33.41 2.48 0.00	30.77 1.85 0.00	28.95 1.33 0.00	28.09 1.08 0.00	28.75 1.11 0.00	29.48 1.35 0.00	38.47 2.11 0.00	42.88 2.04 -0.02	41.45 2.42 -0.61	36.88 2.47 -0.62	36.13 2.82 0.23	38.48 2.93 -0.30	39.56 3.05 -0.58	43.59 3.16 -1.85	45.08 3.12 -0.95	48.81 3.12 -1.15	55.96 3.49 -1.09	68.28 3.98 -1.20	71.04 3.51 -1.26	62.60 2.67 -0.55	53.49 2.88 0.00	45.51 2.58 0.00	39.99 2.93 -0.01	35.92 2.38 0.00
NORTH___COUNTRY_ESR 323785	34.61 0.46 -3.20	32.61 0.40 -3.29	30.32 0.36 -2.34	29.76 0.35 -2.40	29.21 0.36 -1.21	32.44 0.45 -3.86	39.52 0.69 -2.47	43.64 0.74 -2.09	40.61 1.00 -1.19	37.37 0.88 -2.71	37.17 0.91 -2.73	38.77 0.91 -2.60	39.33 0.90 -2.51	41.77 0.92 -2.27	44.29 0.49 -2.78	47.90 0.35 -3.00	53.87 0.41 -2.07	64.21 0.70 -0.42	67.97 0.66 -1.04	60.73 0.59 -0.76	52.83 0.10 -2.13	44.61 0.30 -1.37	39.31 0.67 -1.58	36.12 0.57 -2.01
NPX_GEN_1385_PROXY 323591	33.29 2.35 0.00	30.65 1.73 0.00	28.84 1.21 0.00	27.97 0.97 0.00	28.72 1.08 0.00	29.36 1.24 0.00	38.36 2.00 0.00	43.04 2.20 -0.02	41.47 2.46 -0.58	36.86 2.47 -0.60	36.04 2.75 0.24	38.49 2.96 -0.28	39.57 3.09 -0.56	43.60 3.20 -1.82	45.16 3.24 -0.91	48.90 3.25 -1.11	55.97 3.54 -1.05	68.36 4.10 -1.16	71.06 3.58 -1.21	62.93 3.03 -0.53	53.56 2.93 -0.02	46.03 3.09 0.00	40.03 2.97 -0.01	35.92 2.38 0.00
NPX_GEN_CSC 323557	33.14 2.20 0.00	30.45 1.53 0.00	28.62 0.99 0.00	27.73 0.73 0.00	28.45 0.80 0.00	29.11 0.98 0.00	38.11 1.75 0.00	42.63 1.79 -0.02	41.08 2.07 -0.58	36.52 2.13 -0.60	35.74 2.45 0.24	38.10 2.57 -0.28	39.21 2.73 -0.56	43.31 2.89 -1.84	44.88 2.95 -0.91	48.77 3.12 -1.11	55.82 3.39 -1.05	68.11 3.85 -1.16	70.79 3.31 -1.21	62.75 2.85 -0.53	53.40 2.78 -0.02	45.77 2.83 0.00	39.66 2.59 -0.01	35.62 2.08 0.00
NSINS_S_GLNS_FALLS 23858	33.41 2.48 0.00	31.34 2.43 0.00	29.89 2.27 0.00	29.19 2.19 0.00	29.97 2.32 0.00	30.57 2.45 0.00	39.49 3.13 0.00	44.25 3.43 0.00	40.31 2.50 0.61	35.09 1.93 0.63	34.36 1.61 0.78	36.12 1.55 0.68	36.82 1.47 0.58	39.63 1.77 0.72	40.89 0.82 0.95	44.49 1.11 1.16	52.13 1.85 1.10	64.65 2.78 1.22	68.24 3.25 1.28	61.90 3.09 0.56	53.39 2.78 0.00	45.30 2.36 0.00	40.43 2.96 -0.41	36.32 2.78 0.00
NUCOR_STEEL___DRP 24197	31.45 0.09 -0.42	29.52 0.17 -0.43	28.07 0.14 -0.31	27.48 0.16 -0.32	27.89 0.08 -0.16	28.80 0.17 -0.51	36.47 0.11 0.00	42.45 0.20 -1.42	39.91 0.12 -1.38	35.06 0.00 -1.27	31.91 -0.10 1.52	35.42 -0.11 -0.27	37.20 -0.07 -1.35	40.68 0.08 -2.03	42.62 0.12 -1.48	46.13 0.09 -1.50	53.45 0.26 -1.81	65.79 0.38 -2.32	70.24 0.66 -3.30	63.71 0.77 -3.57	54.30 0.66 -3.04	44.98 0.56 -1.48	38.69 0.33 -1.30	35.99 0.44 -2.02
NUMBER_THREE_WT_PWR 323818	37.57 0.43 -6.20	36.00 0.72 -6.36	32.76 0.61 -4.52	32.25 0.59 -4.65	30.70 0.72 -2.34	36.45 0.84 -7.48	42.62 1.38 -4.88	47.54 1.67 -5.05	43.02 1.38 -3.22	40.79 0.85 -6.15	39.63 0.64 -5.46	41.58 0.64 -5.69	42.20 0.47 -5.81	44.93 0.58 -5.78	48.06 0.62 -6.43	52.36 0.94 -6.88	57.81 1.18 -5.24	67.36 1.96 -2.30	72.94 2.52 -4.15	65.52 2.38 -3.77	58.76 2.03 -6.13	48.08 1.50 -3.64	42.31 1.30 -3.95	39.93 1.14 -5.25
NYISO_LBMP_REFERENCE 24008	30.94 0.00 0.00	28.92 0.00 0.00	27.63 0.00 0.00	27.00 0.00 0.00	27.65 0.00 0.00	28.13 0.00 0.00	36.36 0.00 0.00	40.82 0.00 0.00	38.42 0.00 0.00	33.79 0.00 0.00	33.54 0.00 0.00	35.25 0.00 0.00	35.92 0.00 0.00	38.57 0.00 0.00	41.01 0.00 0.00	44.54 0.00 0.00	51.38 0.00 0.00	63.10 0.00 0.00	66.27 0.00 0.00	59.37 0.00 0.00	50.60 0.00 0.00	42.94 0.00 0.00	37.06 0.00 0.00	33.54 0.00 0.00
NYPA_BRENTWD____GT 24164	33.82 2.88 0.00	31.14 2.23 0.00	29.28 1.66 0.00	28.38 1.38 0.00	29.14 1.49 0.00	29.81 1.69 0.00	38.98 2.62 0.00	43.62 2.78 -0.02	42.00 3.00 -0.58	37.33 2.94 -0.60	36.55 3.25 0.24	39.06 3.52 -0.28	40.18 3.70 -0.56	44.38 3.94 -1.87	45.99 4.06 -0.91	49.88 4.23 -1.11	56.95 4.52 -1.05	69.62 5.36 -1.16	72.31 4.84 -1.21	64.06 4.15 -0.53	54.72 4.10 -0.02	46.84 3.91 0.00	40.62 3.56 -0.01	36.43 2.88 0.00

NYPA_GOWANUS____GT5 24156	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	42.67 2.04 0.19	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.45 2.92 -0.28	39.53 3.05 -0.56	42.51 3.24 -0.69	45.25 3.32 -0.91	49.17 3.52 -1.11	56.29 3.86 -1.05	68.81 4.55 -1.17	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
NYPA_GOWANUS____GT6 24157	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.35 1.35 0.00	29.14 1.49 0.00	29.62 1.49 0.00	38.62 2.26 0.00	42.67 2.04 0.19	41.19 2.19 -0.58	36.62 2.23 -0.60	35.80 2.52 0.25	38.45 2.92 -0.28	39.53 3.05 -0.56	42.51 3.24 -0.69	45.25 3.32 -0.91	49.17 3.52 -1.11	56.29 3.86 -1.05	68.81 4.55 -1.17	71.73 4.24 -1.21	63.53 3.62 -0.53	53.96 3.34 -0.02	45.81 2.88 0.00	39.84 2.78 0.00	35.63 2.08 -0.01
NYPA_HARLEM__RVR__GT1 24160	33.18 2.23 -0.01	30.72 1.79 -0.01	29.15 1.52 -0.01	28.31 1.30 -0.01	29.09 1.44 -0.01	29.56 1.43 0.00	38.40 2.04 0.00	42.65 1.79 -0.04	40.84 1.84 -0.57	36.24 1.86 -0.59	35.42 2.15 0.26	38.02 2.50 -0.27	39.12 2.66 -0.54	42.11 2.85 -0.69	44.86 2.95 -0.89	48.70 3.07 -1.09	55.66 3.24 -1.04	67.97 3.72 -1.15	70.85 3.38 -1.20	62.69 2.79 -0.52	53.29 2.68 -0.01	45.38 2.45 0.00	39.73 2.67 0.00	35.49 1.94 -0.01
NYPA_HARLEM__RVR__GT2 24161	33.18 2.23 -0.01	30.72 1.79 -0.01	29.15 1.52 -0.01	28.31 1.30 -0.01	29.09 1.44 -0.01	29.56 1.43 0.00	38.40 2.04 0.00	42.65 1.79 -0.04	40.84 1.84 -0.57	36.24 1.86 -0.59	35.42 2.15 0.26	38.02 2.50 -0.27	39.12 2.66 -0.54	42.11 2.85 -0.69	44.86 2.95 -0.89	48.70 3.07 -1.09	55.66 3.24 -1.04	67.97 3.72 -1.15	70.85 3.38 -1.20	62.69 2.79 -0.52	53.29 2.68 -0.01	45.38 2.45 0.00	39.73 2.67 0.00	35.49 1.94 -0.01
NYPA_KENT____GT 24152	33.23 2.29 0.00	30.74 1.82 0.00	29.15 1.52 0.00	28.30 1.30 0.00	29.08 1.44 0.00	29.59 1.46 0.00	38.54 2.18 0.00	43.54 2.08 -0.64	41.16 2.15 -0.58	36.56 2.16 -0.60	35.73 2.45 0.25	38.36 2.82 -0.29	39.47 2.98 -0.57	42.44 3.16 -0.71	45.19 3.24 -0.93	49.10 3.43 -1.13	56.15 3.70 -1.07	68.63 4.35 -1.18	71.52 4.04 -1.21	63.35 3.44 -0.53	53.81 3.19 -0.02	45.69 2.75 0.00	39.76 2.70 0.00	35.52 1.98 0.00
NYPA_POUCH1____GT 24155	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.33 1.32 0.00	29.11 1.46 0.00	29.59 1.46 0.00	38.58 2.22 0.00	42.27 1.84 0.39	41.08 2.07 -0.58	36.56 2.16 -0.60	35.73 2.45 0.25	38.35 2.82 -0.28	39.42 2.95 -0.55	42.39 3.12 -0.69	45.12 3.20 -0.91	48.99 3.34 -1.11	56.08 3.65 -1.05	68.61 4.35 -1.16	71.52 4.04 -1.21	63.41 3.50 -0.53	53.86 3.24 -0.02	45.69 2.75 0.00	39.80 2.74 0.00	35.60 2.05 -0.01
NYPA_VERNON____GT2 24162	33.14 2.20 0.00	30.68 1.76 0.00	29.09 1.46 0.00	28.25 1.24 0.00	29.03 1.38 0.00	29.53 1.41 0.00	38.47 2.11 0.00	43.20 2.08 -0.30	41.12 2.11 -0.58	36.49 2.10 -0.60	35.67 2.38 0.25	38.27 2.75 -0.27	39.38 2.91 -0.55	42.35 3.12 -0.68	45.12 3.20 -0.90	49.02 3.38 -1.10	56.08 3.65 -1.04	68.49 4.23 -1.16	71.39 3.91 -1.21	63.17 3.26 -0.53	53.66 3.04 -0.02	45.60 2.66 0.00	39.65 2.59 0.00	35.45 1.91 0.00
NYPA_VERNON____GT3 24163	33.14 2.20 0.00	30.68 1.76 0.00	29.09 1.46 0.00	28.25 1.24 0.00	29.03 1.38 0.00	29.53 1.41 0.00	38.47 2.11 0.00	43.20 2.08 -0.30	41.12 2.11 -0.58	36.49 2.10 -0.60	35.67 2.38 0.25	38.27 2.75 -0.27	39.38 2.91 -0.55	42.35 3.12 -0.68	45.12 3.20 -0.90	49.02 3.38 -1.10	56.08 3.65 -1.04	68.49 4.23 -1.16	71.39 3.91 -1.21	63.17 3.26 -0.53	53.66 3.04 -0.02	45.60 2.66 0.00	39.65 2.59 0.00	35.45 1.91 0.00
NYPA____ASTORIA_CC1 323568	33.10 2.17 0.00	30.65 1.73 0.00	29.06 1.44 0.00	28.25 1.24 0.00	29.00 1.35 0.00	29.50 1.38 0.00	38.43 2.07 0.00	42.99 2.00 -0.17	41.04 2.03 -0.58	36.42 2.03 -0.60	35.60 2.31 0.25	38.20 2.68 -0.27	39.31 2.84 -0.55	42.27 3.01 -0.69	44.99 3.08 -0.90	48.89 3.25 -1.10	55.93 3.50 -1.05	68.36 4.10 -1.16	71.26 3.78 -1.21	63.05 3.14 -0.53	53.56 2.93 -0.02	45.51 2.58 0.00	39.61 2.55 0.00	35.38 1.84 0.00
NYPA____ASTORIA_CC2 323569	33.10 2.17 0.00	30.65 1.73 0.00	29.06 1.44 0.00	28.25 1.24 0.00	29.00 1.35 0.00	29.50 1.38 0.00	38.43 2.07 0.00	42.99 2.00 -0.17	41.04 2.03 -0.58	36.42 2.03 -0.60	35.60 2.31 0.25	38.20 2.68 -0.27	39.31 2.84 -0.55	42.27 3.01 -0.69	44.99 3.08 -0.90	48.89 3.25 -1.10	55.93 3.50 -1.05	68.36 4.10 -1.16	71.26 3.78 -1.21	63.05 3.14 -0.53	53.56 2.93 -0.02	45.51 2.58 0.00	39.61 2.55 0.00	35.38 1.84 0.00
NYPA____HOLTSVILL 23794	33.32 2.38 0.00	30.65 1.73 0.00	28.81 1.19 0.00	27.92 0.92 0.00	28.67 1.02 0.00	29.33 1.21 0.00	38.36 2.00 0.00	42.88 2.04 -0.02	41.35 2.34 -0.58	36.72 2.33 -0.60	35.94 2.65 0.24	38.28 2.75 -0.28	39.39 2.91 -0.56	43.46 3.05 -1.84	45.04 3.12 -0.91	48.90 3.25 -1.11	56.03 3.60 -1.05	68.30 4.04 -1.16	70.99 3.51 -1.21	62.93 3.03 -0.53	53.61 2.98 -0.02	45.94 3.00 0.00	39.85 2.78 -0.01	35.82 2.28 0.00
NYPA____HELLGATE_GT1 24158	33.18 2.23 -0.01	30.72 1.79 -0.01	29.15 1.52 -0.01	28.31 1.30 -0.01	29.09 1.44 -0.01	29.56 1.43 0.00	38.40 2.04 0.00	42.65 1.79 -0.04	40.84 1.84 -0.57	36.24 1.86 -0.59	35.42 2.15 0.26	38.02 2.50 -0.27	39.12 2.66 -0.54	42.11 2.85 -0.69	44.86 2.95 -0.89	48.70 3.07 -1.09	55.66 3.24 -1.04	67.97 3.72 -1.15	70.85 3.38 -1.20	62.69 2.79 -0.52	53.29 2.68 -0.01	45.43 2.49 0.00	39.73 2.67 0.00	35.49 1.94 -0.01
NYPA____HELLGATE_GT2 24159	33.18 2.23 -0.01	30.72 1.79 -0.01	29.15 1.52 -0.01	28.31 1.30 -0.01	29.09 1.44 -0.01	29.56 1.43 0.00	38.40 2.04 0.00	42.65 1.79 -0.04	40.84 1.84 -0.57	36.24 1.86 -0.59	35.42 2.15 0.26	38.02 2.50 -0.27	39.12 2.66 -0.54	42.11 2.85 -0.69	44.86 2.95 -0.89	48.70 3.07 -1.09	55.66 3.24 -1.04	67.97 3.72 -1.15	70.85 3.38 -1.20	62.69 2.79 -0.52	53.29 2.68 -0.01	45.43 2.49 0.00	39.73 2.67 0.00	35.49 1.94 -0.01
NYS_BARGE____HYD 23848	30.44 -0.50 0.00	29.29 0.37 0.00	27.71 0.08 0.00	26.68 -0.32 0.00	27.23 -0.41 0.00	28.04 -0.08 0.00	35.23 -1.13 0.00	41.91 -1.39 -2.48	39.31 -1.54 -2.43	35.05 -0.98 -2.24	33.72 -1.01 -1.19	35.65 -1.51 -1.91	36.86 -1.44 -2.37	40.95 -1.20 -3.57	42.28 -1.35 -2.62	45.00 -2.18 -2.65	52.62 -1.95 -3.19	64.54 -2.65 -4.09	70.11 -1.99 -5.83	63.94 -1.72 -6.29	54.56 -1.42 -5.37	44.09 -1.46 -2.62	38.27 -1.08 -2.29	36.97 -0.13 -3.56
OAK ORCHARD____HYD 24046	30.63 -0.31 0.00	29.12 0.20 0.00	27.63 0.00 0.00	26.92 -0.08 0.00	27.54 -0.11 0.00	28.21 0.08 0.00	35.89 -0.47 0.00	42.75 -0.98 -2.91	40.18 -1.08 -2.83	35.63 -0.78 -2.62	34.62 -0.77 -1.85	36.63 -1.02 -2.40	37.72 -0.97 -2.77	41.93 -0.81 -4.17	43.20 -0.86 -3.05	46.38 -1.25 -3.09	54.02 -1.08 -3.72	66.42 -1.45 -4.77	72.07 -0.99 -6.79	65.94 -0.77 -7.34	56.31 -0.56 -6.26	45.22 -0.77 -3.05	39.03 -0.71 -2.68	37.36 -0.34 -4.15

OAKDALE___35_KV_LOAD 356122	31.06 0.12 0.00	29.18 0.26 0.00	27.85 0.22 0.00	27.22 0.22 0.00	27.84 0.19 0.00	28.38 0.25 0.00	36.47 0.11 0.00	40.61 0.37 0.58	38.05 0.19 0.56	33.44 0.17 0.52	29.84 0.10 3.80	33.61 0.11 1.74	35.55 0.18 0.55	38.06 0.31 0.83	40.78 0.37 0.61	44.19 0.27 0.61	51.06 0.41 0.74	62.66 0.50 0.95	65.65 0.73 1.34	58.69 0.77 1.45	50.12 0.76 1.24	42.97 0.64 0.61	37.01 0.48 0.53	33.25 0.54 0.83
OCC_CHEM___DRP 24175	29.61 -1.33 0.00	28.57 -0.35 0.00	27.49 -0.14 0.00	26.73 -0.27 0.00	27.20 -0.44 0.00	28.10 -0.03 0.00	34.36 -2.00 0.00	40.63 -2.61 -2.43	38.54 -2.23 -2.35	34.27 -1.69 -2.17	32.66 -1.95 -1.07	34.88 -2.19 -1.82	36.10 -2.12 -2.30	40.03 -2.01 -3.46	41.37 -2.17 -2.53	43.80 -3.30 -2.56	50.82 -3.65 -3.09	62.38 -4.67 -3.95	67.45 -4.44 -5.62	61.84 -3.62 -6.09	52.81 -2.99 -5.19	43.28 -2.19 -2.53	37.53 -1.74 -2.22	36.33 -0.64 -3.43
OH_GEN_PROXY 24063	29.95 -0.99 0.00	28.80 -0.12 0.00	27.27 -0.36 0.00	26.55 -0.46 0.00	27.12 -0.53 0.00	27.90 -0.23 0.00	34.87 -1.49 0.00	41.20 -2.08 -2.46	38.72 -2.11 -2.41	34.50 -1.52 -2.23	33.19 -1.51 -1.17	35.13 -2.01 -1.89	36.30 -1.98 -2.36	40.34 -1.77 -3.54	41.60 -2.01 -2.60	44.36 -2.80 -2.63	51.82 -2.72 -3.16	63.63 -3.53 -4.06	69.08 -2.98 -5.79	63.02 -2.61 -6.25	53.76 -2.17 -5.34	43.47 -2.06 -2.60	37.70 -1.63 -2.28	36.34 -0.74 -3.53
OLIN_CORP_DRP 24177	30.20 -0.74 0.00	29.09 0.17 0.00	27.13 -0.50 0.00	26.38 -0.62 0.00	26.84 -0.80 0.00	27.73 -0.39 0.00	34.73 -1.64 0.00	41.07 -2.16 -2.41	38.80 -1.96 -2.33	34.39 -1.55 -2.16	32.80 -1.78 -1.04	35.11 -1.94 -1.80	36.34 -1.87 -2.28	40.39 -1.62 -3.44	41.77 -1.76 -2.52	44.32 -2.76 -2.54	51.47 -2.98 -3.07	63.49 -3.53 -3.93	68.62 -3.25 -5.59	62.87 -2.55 -6.05	53.64 -2.13 -5.16	43.56 -1.89 -2.52	37.74 -1.52 -2.20	36.46 -0.50 -3.42
OLIN_CORP_DSASP 323712	29.61 -1.33 0.00	28.57 -0.35 0.00	27.02 -0.61 0.00	26.73 -0.27 0.00	27.29 -0.36 0.00	28.10 -0.03 0.00	34.43 -1.93 0.00	40.88 -2.37 -2.43	38.53 -2.27 -2.38	34.47 -1.52 -2.20	33.15 -1.51 -1.12	34.92 -2.19 -1.86	36.13 -2.12 -2.32	40.07 -2.01 -3.50	41.28 -2.30 -2.56	43.84 -3.30 -2.59	51.22 -3.29 -3.12	62.50 -4.60 -4.00	67.85 -4.11 -5.69	61.98 -3.56 -6.16	52.92 -2.94 -5.26	43.22 -2.28 -2.56	37.56 -1.74 -2.24	36.37 -0.64 -3.47
ONEIDA_HERK_LFGE 323681	34.37 0.56 -2.88	32.53 0.67 -2.95	30.31 0.58 -2.10	29.73 0.57 -2.16	29.39 0.66 -1.09	32.36 0.76 -3.47	39.83 1.20 -2.27	44.62 1.43 -2.37	40.70 1.19 -1.09	37.06 0.78 -2.49	35.90 0.64 -1.73	37.99 0.64 -2.11	38.73 0.50 -2.31	41.28 0.62 -2.09	44.27 0.70 -2.56	48.24 0.94 -2.76	54.47 1.18 -1.91	65.25 1.76 -0.39	69.41 2.18 -0.96	62.10 2.02 -0.70	54.33 1.77 -1.95	45.57 1.37 -1.26	39.62 1.11 -1.46	36.39 1.01 -1.85
ONEIDA___115KV_TB4 55905	32.91 0.68 -1.29	30.96 0.72 -1.33	29.23 0.66 -0.94	28.62 0.65 -0.97	28.85 0.72 -0.49	30.50 0.82 -1.56	38.62 1.24 -1.02	43.66 1.51 -1.33	40.63 1.27 -0.94	36.18 0.84 -1.54	34.29 0.70 -0.05	36.91 0.70 -0.95	37.98 0.57 -1.48	40.91 0.73 -1.61	43.48 0.82 -1.64	47.30 1.02 -1.74	54.12 1.28 -1.45	65.86 1.83 -0.93	69.97 2.19 -1.51	62.93 2.08 -1.48	54.35 1.87 -1.88	45.45 1.46 -1.05	39.25 1.11 -1.08	36.07 1.04 -1.49
ONONDAGA_REF_OCCRA 23987	31.21 -0.28 -0.55	29.31 -0.17 -0.57	27.84 -0.19 -0.40	27.23 -0.19 -0.41	27.63 -0.22 -0.21	28.62 -0.17 -0.67	36.51 -0.29 -0.44	41.57 -0.20 -0.95	38.96 -0.23 -0.77	34.52 -0.27 -1.00	30.66 -0.34 2.54	34.58 -0.35 0.31	36.56 -0.36 -1.00	39.46 -0.35 -1.23	41.79 -0.33 -1.10	45.29 -0.40 -1.15	52.13 -0.36 -1.10	63.67 -0.44 -1.01	67.53 -0.27 -1.52	60.84 -0.12 -1.58	52.12 -0.10 -1.61	43.70 -0.09 -0.85	37.68 -0.19 -0.81	34.65 -0.07 -1.18
ONONDAGA___COGEN 23986	31.29 -0.15 -0.51	29.35 -0.09 -0.52	27.89 -0.11 -0.37	27.33 -0.05 -0.38	27.73 -0.11 -0.19	28.66 -0.08 -0.61	36.58 -0.18 -0.40	42.84 -0.04 -2.06	40.17 -0.12 -1.86	35.61 -0.17 -1.98	32.64 -0.23 0.66	35.99 -0.28 -1.03	37.71 -0.25 -2.04	41.20 -0.19 -2.82	43.14 -0.12 -2.25	46.62 -0.22 -2.31	53.75 -0.15 -2.52	65.77 -0.19 -2.86	70.43 0.00 -4.16	63.92 0.12 -4.43	54.78 0.15 -4.02	45.08 0.13 -2.02	38.89 0.00 -1.83	36.41 0.10 -2.77
ONTARIO___LFGE 23819	31.13 0.19 0.00	29.35 0.43 0.00	27.93 0.30 0.00	27.30 0.30 0.00	27.89 0.25 0.00	28.55 0.42 0.00	36.65 0.29 0.00	42.97 1.18 -0.96	40.39 1.07 -0.89	35.39 0.78 -0.82	32.05 0.57 2.05	35.45 0.42 0.22	37.36 0.57 -0.87	40.50 0.62 -1.31	42.75 0.78 -0.96	46.22 0.71 -0.97	53.94 1.39 -1.17	66.36 1.76 -1.50	71.06 2.65 -2.14	64.17 2.49 -2.31	54.54 1.97 -1.97	45.40 1.50 -0.96	39.27 1.37 -0.84	36.31 1.47 -1.30
ORANGEVILLE_WT_PWR 323706	30.54 -0.40 0.00	29.20 0.29 0.00	27.66 0.03 0.00	26.90 -0.11 0.00	27.45 -0.19 0.00	28.24 0.11 0.00	35.64 -0.73 0.00	42.10 -0.45 -1.73	39.33 -0.77 -1.68	34.83 -0.51 -1.55	32.82 -0.60 0.12	35.23 -0.99 -0.97	36.66 -0.90 -1.64	40.43 -0.62 -2.47	42.12 -0.70 -1.81	45.12 -1.25 -1.83	52.71 -0.87 -2.20	64.73 -1.20 -2.83	69.99 -0.33 -4.06	63.38 -0.35 -4.36	54.02 -0.30 -3.72	44.18 -0.56 -1.81	38.30 -0.33 -1.58	36.28 0.30 -2.44
ORANGEVILLE___ESR 323794	30.54 -0.40 0.00	29.20 0.29 0.00	27.66 0.03 0.00	26.90 -0.11 0.00	27.45 -0.19 0.00	28.24 0.11 0.00	35.64 -0.73 0.00	42.10 -0.45 -1.73	39.33 -0.77 -1.68	34.83 -0.51 -1.55	32.82 -0.60 0.12	35.23 -0.99 -0.97	36.66 -0.90 -1.64	40.43 -0.62 -2.47	42.12 -0.70 -1.81	45.12 -1.25 -1.83	52.71 -0.87 -2.20	64.73 -1.20 -2.83	69.99 -0.33 -4.06	63.38 -0.35 -4.36	54.02 -0.30 -3.72	44.18 -0.56 -1.81	38.30 -0.33 -1.58	36.28 0.30 -2.44
OSWEGATCHIE___HYD 24044	45.53 0.34 -14.25	44.01 0.46 -14.64	38.41 0.39 -10.40	38.08 0.38 -10.70	33.47 0.44 -5.38	45.87 0.53 -17.21	48.58 1.02 -11.20	52.35 1.22 -10.30	45.72 1.11 -6.18	47.47 0.68 -13.01	46.67 0.53 -12.60	48.18 0.56 -12.37	48.53 0.43 -12.17	50.53 0.46 -11.49	54.90 0.41 -13.48	59.61 0.58 -14.50	62.61 0.77 -10.45	67.74 1.39 -3.25	74.64 1.72 -6.65	66.57 1.66 -5.54	63.28 1.27 -11.41	50.95 0.94 -7.06	45.93 0.93 -7.94	44.63 0.80 -10.28
OSWEGO___5 23606	30.32 -0.62 0.00	28.42 -0.49 0.00	27.13 -0.50 0.00	26.52 -0.49 0.00	27.12 -0.53 0.00	27.65 -0.48 0.00	35.64 -0.73 0.00	48.10 -0.69 -7.98	45.42 -0.73 -7.73	40.25 -0.68 -7.14	41.29 -0.67 -8.42	42.26 -0.78 -7.79	42.72 -0.76 -7.55	49.16 -0.77 -11.36	48.55 -0.78 -8.32	52.06 -0.89 -8.41	60.59 -0.92 -10.13	74.96 -1.13 -13.00	83.74 -1.06 -18.53	78.49 -0.89 -20.01	66.96 -0.71 -17.07	50.57 -0.69 -8.32	43.72 -0.63 -7.29	44.38 -0.47 -11.31
OSWEGO___6 23613	30.32 -0.62 0.00	28.42 -0.49 0.00	27.13 -0.50 0.00	26.52 -0.49 0.00	27.12 -0.53 0.00	27.65 -0.48 0.00	35.64 -0.73 0.00	48.10 -0.69 -7.98	45.42 -0.73 -7.73	40.25 -0.68 -7.14	41.29 -0.67 -8.42	42.26 -0.78 -7.79	42.72 -0.76 -7.55	49.16 -0.77 -11.36	48.55 -0.78 -8.32	52.06 -0.89 -8.41	60.59 -0.92 -10.13	74.96 -1.13 -13.00	83.74 -1.06 -18.53	78.49 -0.89 -20.01	66.96 -0.71 -17.07	50.57 -0.69 -8.32	43.72 -0.63 -7.29	44.38 -0.47 -11.31

OUTOKUMPU-AB___DRP 24206	30.32 -0.62 0.00	29.20 0.29 0.00	27.74 0.11 0.00	26.98 -0.03 0.00	27.48 -0.17 0.00	28.38 0.25 0.00	35.23 -1.13 0.00	41.88 -1.31 -2.37	39.56 -1.15 -2.30	35.10 -0.81 -2.12	33.40 -1.11 -0.97	35.80 -1.20 -1.75	37.05 -1.11 -2.24	41.15 -0.81 -3.38	42.59 -0.90 -2.47	45.08 -1.96 -2.50	52.34 -2.06 -3.01	64.44 -2.52 -3.86	69.70 -2.12 -5.55	63.66 -1.66 -5.95	54.31 -1.37 -5.08	44.42 -0.99 -2.47	38.48 -0.74 -2.17	37.03 0.13 -3.35
OXBOW___BTM 323836	30.01 -0.93 0.00	28.92 0.00 0.00	27.38 -0.25 0.00	26.90 -0.11 0.00	27.45 -0.19 0.00	28.30 0.17 0.00	34.94 -1.42 0.00	41.58 -1.63 -2.40	39.12 -1.65 -2.35	34.92 -1.05 -2.17	33.57 -1.04 -1.07	35.45 -1.62 -1.82	36.68 -1.54 -2.30	40.69 -1.35 -3.46	41.99 -1.56 -2.53	44.56 -2.54 -2.56	52.06 -2.41 -3.09	63.65 -3.41 -3.96	69.17 -2.78 -5.68	62.98 -2.49 -6.09	53.78 -2.03 -5.20	43.84 -1.63 -2.53	38.09 -1.19 -2.22	36.77 -0.20 -3.43
OXBOW___ 24026	30.01 -0.93 0.00	28.92 0.00 0.00	27.66 0.03 0.00	26.90 -0.11 0.00	27.40 -0.25 0.00	28.29 0.17 0.00	34.87 -1.49 0.00	41.34 -1.88 -2.40	39.13 -1.61 -2.32	34.72 -1.22 -2.14	33.08 -1.48 -1.02	35.41 -1.62 -1.78	36.65 -1.54 -2.27	40.65 -1.35 -3.42	42.08 -1.44 -2.50	44.53 -2.54 -2.53	51.66 -2.77 -3.05	63.54 -3.47 -3.91	68.70 -3.18 -5.61	62.90 -2.49 -6.02	53.66 -2.07 -5.13	43.94 -1.50 -2.50	38.06 -1.19 -2.19	36.73 -0.20 -3.39
OXY_CHEM_DSASP 323612	29.61 -1.33 0.00	28.57 -0.35 0.00	27.49 -0.14 0.00	26.73 -0.27 0.00	27.20 -0.44 0.00	28.10 -0.03 0.00	34.36 -2.00 0.00	40.63 -2.61 -2.43	38.54 -2.23 -2.35	34.27 -1.69 -2.17	32.66 -1.95 -1.07	34.88 -2.19 -1.82	36.10 -2.12 -2.30	40.03 -2.01 -3.46	41.37 -2.17 -2.53	43.80 -3.30 -2.56	50.82 -3.65 -3.09	62.38 -4.67 -3.95	67.45 -4.44 -5.62	61.84 -3.62 -6.09	52.81 -2.99 -5.19	43.28 -2.19 -2.53	37.53 -1.74 -2.22	36.33 -0.64 -3.43
OZONE_PARK_ESR 323760	33.29 2.35 0.00	30.77 1.85 0.00	29.20 1.57 0.00	28.36 1.35 0.00	29.06 1.41 0.00	29.67 1.55 0.00	38.73 2.36 0.00	43.35 2.53 0.00	41.41 2.38 -0.61	36.75 2.33 -0.62	35.98 2.68 0.24	38.50 2.96 -0.29	39.62 3.13 -0.57	42.60 3.32 -0.71	45.35 3.40 -0.94	49.38 3.70 -1.14	56.53 4.06 -1.09	69.10 4.80 -1.20	72.17 4.64 -1.26	63.72 3.80 -0.55	54.15 3.54 0.00	45.90 2.96 0.00	39.80 2.74 0.00	35.62 2.08 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.61 -1.33 0.00	28.57 -0.35 0.00	27.49 -0.14 0.00	26.73 -0.27 0.00	27.20 -0.44 0.00	28.10 -0.03 0.00	34.36 -2.00 0.00	40.63 -2.61 -2.43	38.54 -2.23 -2.35	34.27 -1.69 -2.17	32.66 -1.95 -1.07	34.88 -2.19 -1.82	36.10 -2.12 -2.30	40.03 -2.01 -3.46	41.37 -2.17 -2.53	43.80 -3.30 -2.56	50.82 -3.65 -3.09	62.38 -4.67 -3.95	67.45 -4.44 -5.62	61.84 -3.62 -6.09	52.81 -2.99 -5.19	43.28 -2.19 -2.53	37.53 -1.74 -2.22	36.33 -0.64 -3.43
PACKARD__115KV_DUPONT_184 80571	29.61 -1.33 0.00	28.57 -0.35 0.00	27.49 -0.14 0.00	26.73 -0.27 0.00	27.20 -0.44 0.00	28.10 -0.03 0.00	34.36 -2.00 0.00	40.63 -2.61 -2.43	38.54 -2.23 -2.35	34.27 -1.69 -2.17	32.66 -1.95 -1.07	34.88 -2.19 -1.82	36.10 -2.12 -2.30	40.03 -2.01 -3.46	41.37 -2.17 -2.53	43.80 -3.30 -2.56	50.82 -3.65 -3.09	62.38 -4.67 -3.95	67.45 -4.44 -5.62	61.84 -3.62 -6.09	52.81 -2.99 -5.19	43.28 -2.19 -2.53	37.53 -1.74 -2.22	36.33 -0.64 -3.43
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.24 2.29 -0.01	30.77 1.85 -0.01	29.18 1.55 -0.01	28.36 1.35 -0.01	29.06 1.41 -0.01	29.62 1.49 0.00	38.47 2.11 0.00	42.86 2.00 -0.04	40.87 1.84 -0.61	36.31 1.89 -0.62	35.58 2.28 0.24	38.05 2.50 -0.29	39.15 2.66 -0.57	42.06 2.78 -0.71	44.74 2.79 -0.94	48.67 2.98 -1.14	55.76 3.29 -1.09	68.03 3.72 -1.20	70.97 3.45 -1.26	62.72 2.79 -0.55	53.29 2.68 0.00	45.26 2.32 0.00	39.69 2.63 0.00	35.56 2.01 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.55 2.60 -0.01	31.09 2.17 -0.01	29.49 1.85 -0.01	28.63 1.62 -0.01	29.34 1.69 -0.01	29.87 1.74 0.00	38.80 2.44 0.00	43.23 2.37 -0.04	41.22 2.19 -0.61	36.58 2.16 -0.62	35.85 2.55 0.24	38.33 2.78 -0.29	39.44 2.95 -0.57	42.37 3.09 -0.71	45.07 3.12 -0.94	49.02 3.34 -1.14	56.17 3.70 -1.09	68.53 4.23 -1.20	71.50 3.98 -1.26	63.19 3.27 -0.55	53.74 3.14 0.00	45.60 2.66 0.00	39.98 2.93 0.00	35.86 2.31 -0.01
PATROON__115KV_TB1 80586	31.47 0.53 0.00	29.38 0.46 0.00	28.12 0.50 0.00	27.52 0.51 0.00	28.17 0.53 0.00	28.60 0.48 0.00	37.02 0.65 0.00	41.55 0.73 0.00	38.42 0.46 0.47	33.72 0.41 0.48	33.23 0.40 0.71	35.08 0.39 0.56	35.84 0.36 0.44	38.37 0.35 0.55	40.62 0.33 0.72	44.15 0.49 0.88	51.06 0.51 0.84	62.74 0.57 0.93	65.83 0.53 0.97	59.37 0.42 0.42	51.16 0.56 0.00	43.41 0.47 0.00	37.17 0.44 0.33	34.01 0.47 0.00
PATTRSNVILLE___SOLAR 323815	32.05 1.11 0.00	29.95 1.04 0.00	28.62 0.99 0.00	27.98 0.97 0.00	28.67 1.02 0.00	29.17 1.04 0.00	37.78 1.42 0.00	42.25 1.43 0.00	38.89 0.84 0.37	33.91 0.51 0.38	33.11 0.27 0.69	35.04 0.28 0.49	35.82 0.25 0.35	38.37 0.23 0.44	40.76 0.33 0.58	44.41 0.58 0.71	51.69 0.97 0.67	63.99 1.64 0.74	67.68 2.18 0.78	61.11 2.08 0.34	52.51 1.92 0.01	44.53 1.59 0.00	38.35 1.30 0.00	34.68 1.14 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	30.20 -0.74 0.00	28.97 0.06 0.00	27.35 -0.28 0.00	26.63 -0.38 0.00	27.12 -0.53 0.00	28.01 -0.11 0.00	35.23 -1.13 0.00	43.24 0.29 -2.13	40.72 0.23 -2.06	36.07 0.37 -1.91	34.21 0.10 -0.58	36.82 0.11 -1.46	38.16 0.22 -2.02	42.27 0.66 -3.04	43.94 0.70 -2.22	46.79 0.00 -2.25	54.35 0.26 -2.71	67.02 0.44 -3.48	72.24 0.99 -4.98	65.87 1.13 -5.36	56.14 0.96 -4.57	45.81 0.64 -2.23	39.60 0.59 -1.95	37.69 1.14 -3.01
PAWLING_115_KV_BK3_REV_LBMP_H 345028	32.86 1.92 0.00	30.48 1.56 0.00	28.98 1.35 0.00	28.22 1.22 0.00	28.92 1.27 0.00	29.48 1.35 0.00	38.36 2.00 0.00	42.98 2.16 0.00	40.86 1.92 -0.52	36.15 1.82 -0.53	35.33 2.08 0.28	37.69 2.22 -0.22	38.85 2.44 -0.49	41.69 2.51 -0.61	44.35 2.54 -0.80	48.41 2.89 -0.97	55.55 3.24 -0.92	68.10 3.98 -1.03	71.12 3.78 -1.07	62.93 3.09 -0.47	53.54 2.94 0.00	45.43 2.49 0.00	39.24 2.19 0.00	35.22 1.68 0.00
PEEKSKILL___ 23653	32.67 1.73 0.00	30.33 1.42 0.00	28.81 1.19 0.00	28.03 1.03 0.00	28.78 1.13 0.00	29.31 1.18 0.00	38.14 1.78 0.00	42.74 1.92 0.00	40.77 1.77 -0.58	36.15 1.76 -0.60	35.26 1.98 0.25	37.78 2.26 -0.27	38.88 2.41 -0.55	41.80 2.55 -0.68	44.58 2.66 -0.90	48.53 2.89 -1.10	55.51 3.08 -1.04	67.98 3.72 -1.16	70.92 3.44 -1.21	62.75 2.85 -0.53	53.35 2.73 -0.02	45.30 2.36 0.00	39.13 2.07 0.00	35.05 1.51 0.00
PGE MADISON___WINDPWR 24146	32.89 1.95 0.00	30.88 1.97 0.00	29.37 1.74 0.00	28.71 1.70 0.00	29.53 1.88 0.00	30.24 2.11 0.00	39.38 3.02 0.00	42.48 2.16 0.50	39.59 1.65 0.49	34.36 1.01 0.45	30.63 0.67 3.58	34.27 0.63 1.62	36.02 0.57 0.48	38.67 0.81 0.72	41.47 0.98 0.52	46.41 2.41 0.53	53.98 3.24 0.64	67.20 4.92 0.82	71.00 5.90 1.16	63.70 5.58 1.26	54.44 4.91 1.07	46.28 3.86 0.52	39.56 2.96 0.46	35.61 2.78 0.72

PIERCEFIELD___HYD 23852	52.18 0.22 -21.03	50.71 0.20 -21.59	43.16 0.19 -15.34	42.98 0.19 -15.79	35.80 0.22 -7.94	53.79 0.28 -25.38	53.54 0.65 -16.52	56.00 0.73 -14.45	47.67 0.85 -8.40	52.92 0.61 -18.52	52.76 0.54 -18.68	53.65 0.56 -17.84	53.68 0.50 -17.25	54.97 0.50 -15.90	60.57 0.45 -19.11	65.72 0.58 -20.60	66.53 0.67 -14.48	67.90 1.20 -3.60	75.69 1.33 -8.09	66.94 1.25 -6.32	66.62 0.76 -15.25	53.14 0.56 -9.65	48.65 0.56 -11.04	48.13 0.47 -14.12
PINELAWN_CC_1 323563	33.48 2.54 0.00	30.82 1.91 0.00	29.01 1.38 0.00	28.14 1.13 0.00	28.86 1.22 0.00	29.53 1.41 0.00	38.54 2.18 0.00	43.08 2.24 -0.02	41.50 2.50 -0.58	36.86 2.47 -0.60	36.05 2.75 0.24	38.53 2.99 -0.28	39.61 3.12 -0.56	43.81 3.28 -1.96	45.29 3.36 -0.91	48.81 3.16 -1.11	55.87 3.44 -1.05	68.04 3.79 -1.16	70.73 3.25 -1.21	62.64 2.73 -0.53	53.56 2.93 -0.02	46.20 3.26 0.00	40.11 3.04 -0.01	35.99 2.45 0.00
PJM_GEN_HTTP_PROXY 323702	27.88 2.04 5.10	30.50 1.59 0.00	28.95 1.33 0.00	28.14 1.13 0.00	28.89 1.25 0.00	29.42 1.29 0.00	38.36 2.00 0.00	42.96 2.12 -0.02	41.04 2.03 -0.58	36.39 1.99 -0.60	35.53 2.25 0.25	38.13 2.61 -0.27	39.20 2.73 -0.55	42.19 2.93 -0.69	44.99 3.08 -0.90	48.93 3.30 -1.10	55.93 3.50 -1.05	68.42 4.16 -1.16	71.39 3.91 -1.21	63.11 3.20 -0.53	53.66 3.04 -0.02	45.56 2.62 0.00	39.43 2.37 0.00	35.25 1.71 0.00
PJM_GEN_KEystone 24065	31.22 0.28 0.00	29.35 0.43 0.00	27.82 0.19 0.00	27.09 0.08 0.00	27.73 0.08 0.00	28.38 0.25 0.00	36.36 0.00 0.00	41.73 0.21 -0.71	39.46 0.04 -1.00	35.02 0.27 -0.95	33.56 0.34 0.31	36.10 0.35 -0.50	37.33 0.43 -0.97	40.58 0.62 -1.40	42.84 0.62 -1.21	46.25 0.40 -1.31	53.45 0.62 -1.45	65.50 0.63 -1.77	69.39 0.80 -2.33	62.12 0.59 -2.15	52.94 0.71 -1.63	44.20 0.47 -0.79	38.23 0.48 -0.69	35.11 0.50 -1.07
PJM_GEN_NEPTUNE_PROXY 323594	33.10 2.17 0.00	30.50 1.59 0.00	28.76 1.13 0.00	27.89 0.89 0.00	28.64 0.99 0.00	29.25 1.13 0.00	38.18 1.82 0.00	42.59 1.75 -0.02	41.04 2.03 -0.58	36.49 2.10 -0.60	35.60 2.31 0.24	38.07 2.54 -0.28	39.10 2.62 -0.56	43.03 2.70 -1.76	44.63 2.71 -0.91	48.59 2.94 -1.11	55.67 3.24 -1.05	68.04 3.79 -1.16	70.79 3.31 -1.21	62.69 2.79 -0.53	53.30 2.68 -0.02	45.51 2.58 0.00	39.59 2.52 -0.01	35.52 1.98 0.00
PJM_GEN_VFT_PROXY 323633	32.86 1.92 0.00	30.36 1.45 0.00	28.81 1.19 0.00	28.00 1.00 0.00	28.75 1.11 0.00	29.28 1.15 0.00	38.18 1.82 0.00	42.54 1.92 0.19	40.85 1.84 -0.58	36.25 1.86 -0.60	35.40 2.11 0.25	37.99 2.47 -0.27	39.09 2.62 -0.55	42.00 2.74 -0.69	44.79 2.87 -0.90	48.71 3.07 -1.10	55.67 3.24 -1.05	68.04 3.79 -1.16	70.99 3.51 -1.21	62.75 2.85 -0.53	53.30 2.68 -0.02	45.34 2.40 0.00	39.28 2.22 0.00	35.08 1.54 0.00
PLATSBURG_115KV_PMLD1 355749	33.78 1.18 -1.66	31.69 1.07 -1.71	29.83 0.99 -1.21	29.22 0.97 -1.25	29.24 0.97 -0.63	31.23 1.10 -2.00	39.18 1.56 -1.26	43.56 1.67 -1.06	40.99 1.96 -0.60	36.89 1.72 -1.38	36.67 1.74 -1.39	38.33 1.76 -1.32	39.00 1.80 -1.28	41.58 1.85 -1.16	44.56 2.13 -1.42	48.47 2.41 -1.53	55.16 2.72 -1.05	66.91 3.60 -0.21	70.51 3.71 -0.53	63.03 3.27 -0.39	54.01 2.33 -1.08	45.61 1.98 -0.70	39.46 1.59 -0.81	35.94 1.38 -1.02
PLEASANTVLY___LBMP 24000	32.42 1.49 0.00	30.10 1.19 0.00	28.65 1.02 0.00	27.90 0.89 0.00	28.59 0.94 0.00	29.11 0.98 0.00	37.85 1.49 0.00	42.33 1.51 0.00	40.44 1.34 -0.67	35.83 1.35 -0.69	34.97 1.61 0.17	37.33 1.73 -0.36	38.39 1.83 -0.63	41.29 1.93 -0.79	44.02 1.97 -1.04	47.94 2.14 -1.27	54.95 2.36 -1.20	67.15 2.71 -1.33	70.25 2.58 -1.39	62.06 2.08 -0.61	52.63 2.02 0.00	44.65 1.72 0.00	38.65 1.59 0.00	34.71 1.17 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.73 1.79 0.00	30.36 1.45 0.00	28.84 1.22 0.00	28.09 1.08 0.00	28.78 1.13 0.00	29.34 1.21 0.00	38.18 1.82 0.00	42.74 1.92 0.00	40.84 1.81 -0.61	36.21 1.79 -0.63	35.35 2.05 0.23	37.80 2.26 -0.30	38.90 2.41 -0.57	41.80 2.51 -0.72	44.54 2.58 -0.94	48.49 2.81 -1.15	55.56 3.08 -1.09	67.91 3.60 -1.21	70.98 3.45 -1.26	62.72 2.79 -0.55	53.24 2.63 0.00	45.17 2.23 0.00	39.13 2.08 0.00	35.08 1.54 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.73 1.79 0.00	30.36 1.45 0.00	28.84 1.22 0.00	28.09 1.08 0.00	28.78 1.13 0.00	29.34 1.21 0.00	38.18 1.82 0.00	42.74 1.92 0.00	40.84 1.81 -0.61	36.21 1.79 -0.63	35.35 2.05 0.23	37.80 2.26 -0.30	38.90 2.41 -0.57	41.80 2.51 -0.72	44.54 2.58 -0.94	48.49 2.81 -1.15	55.56 3.08 -1.09	67.91 3.60 -1.21	70.98 3.45 -1.26	62.72 2.79 -0.55	53.24 2.63 0.00	45.17 2.23 0.00	39.13 2.08 0.00	35.08 1.54 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.61 1.67 0.00	30.27 1.36 0.00	28.79 1.16 0.00	28.06 1.05 0.00	28.75 1.11 0.00	29.25 1.13 0.00	38.11 1.75 0.00	42.57 1.76 0.00	39.76 1.54 0.20	35.07 1.49 0.21	34.57 1.71 0.67	36.71 1.83 0.38	37.67 1.94 0.19	40.34 2.01 0.24	42.79 2.09 0.31	46.52 2.36 0.38	53.70 2.67 0.36	65.85 3.15 0.40	68.90 3.05 0.42	61.74 2.55 0.18	53.03 2.43 0.00	45.00 2.06 0.00	38.91 1.85 0.00	34.95 1.41 0.00
POLETTI_____ 23519	24.61 1.89 8.22	24.61 1.47 5.78	24.61 1.19 4.20	24.61 1.00 3.39	24.55 1.08 4.17	24.61 1.13 4.64	26.09 1.64 11.91	27.13 1.47 15.15	26.96 1.38 12.84	24.64 1.49 10.64	26.77 1.88 8.65	26.67 2.11 10.70	26.63 2.23 11.52	26.59 2.35 14.34	27.18 2.26 16.09	28.54 2.45 18.45	33.97 2.67 20.08	46.64 2.97 19.43	49.66 2.65 19.26	41.31 2.02 20.09	31.85 2.02 20.78	30.73 1.76 13.96	28.68 2.19 10.57	26.64 1.58 8.48
POMONA___ESR 323819	32.49 1.55 0.00	30.13 1.21 0.00	28.68 1.05 0.00	27.92 0.92 0.00	28.64 0.99 0.00	29.17 1.04 0.00	37.96 1.60 0.00	42.49 1.67 0.00	40.45 1.50 -0.53	35.82 1.49 -0.55	34.90 1.68 0.31	37.44 1.97 -0.22	38.54 2.12 -0.50	41.43 2.24 -0.62	44.17 2.34 -0.82	48.12 2.58 -1.00	55.11 2.77 -0.95	67.49 3.34 -1.05	70.42 3.05 -1.10	62.41 2.55 -0.48	53.05 2.43 -0.02	45.04 2.10 0.00	38.91 1.85 0.00	34.88 1.34 0.00
PORT_JEFF_3 23555	33.38 2.44 0.00	30.71 1.79 0.00	28.87 1.24 0.00	27.97 0.97 0.00	28.72 1.08 0.00	29.39 1.27 0.00	38.43 2.07 0.00	42.96 2.12 -0.02	41.43 2.42 -0.58	36.83 2.43 -0.60	36.04 2.75 0.24	38.42 2.89 -0.28	39.50 3.02 -0.56	43.61 3.20 -1.84	45.21 3.28 -0.91	49.08 3.43 -1.11	56.23 3.80 -1.05	68.42 4.16 -1.16	71.12 3.64 -1.21	63.11 3.20 -0.53	53.81 3.19 -0.02	46.07 3.13 0.00	39.96 2.89 -0.01	35.89 2.35 0.00
PORT_JEFF_4 23616	33.38 2.44 0.00	30.71 1.79 0.00	28.87 1.24 0.00	27.97 0.97 0.00	28.72 1.08 0.00	29.39 1.27 0.00	38.43 2.07 0.00	42.96 2.12 -0.02	41.43 2.42 -0.58	36.83 2.43 -0.60	36.04 2.75 0.24	38.42 2.89 -0.28	39.50 3.02 -0.56	43.61 3.20 -1.84	45.21 3.28 -0.91	49.08 3.43 -1.11	56.23 3.80 -1.05	68.42 4.16 -1.16	71.12 3.64 -1.21	63.11 3.20 -0.53	53.81 3.19 -0.02	46.07 3.13 0.00	39.96 2.89 -0.01	35.89 2.35 0.00

PORT_JEFF_IC 23713	33.41 2.48 0.00	30.74 1.82 0.00	28.90 1.27 0.00	28.00 1.00 0.00	28.67 1.02 0.00	29.42 1.29 0.00	38.47 2.11 0.00	42.88 2.04 -0.02	41.45 2.42 -0.61	36.88 2.47 -0.62	36.16 2.85 0.22	38.44 2.89 -0.30	39.56 3.05 -0.58	43.64 3.20 -1.87	45.16 3.20 -0.95	49.08 3.38 -1.15	56.32 3.85 -1.09	68.22 3.91 -1.20	70.97 3.45 -1.26	62.54 2.61 -0.55	53.79 3.19 0.00	45.73 2.79 0.00	39.99 2.93 -0.01	35.96 2.41 0.00
PPL PILGRIM_ST_GT1 24216	33.82 2.88 0.00	31.14 2.23 0.00	29.28 1.66 0.00	28.38 1.38 0.00	29.14 1.49 0.00	29.81 1.69 0.00	38.98 2.62 0.00	43.62 2.78 -0.02	42.00 3.00 -0.58	37.33 2.94 -0.60	36.55 3.25 0.24	39.06 3.52 -0.28	40.18 3.70 -0.56	44.38 3.94 -1.87	45.99 4.06 -0.91	49.88 4.23 -1.11	56.95 4.52 -1.05	69.62 5.36 -1.16	72.31 4.84 -1.21	64.06 4.15 -0.53	54.72 4.10 -0.02	46.84 3.91 0.00	40.62 3.56 -0.01	36.43 2.88 0.00
PPL PILGRIM_ST_GT2 24217	33.82 2.88 0.00	31.14 2.23 0.00	29.28 1.66 0.00	28.38 1.38 0.00	29.14 1.49 0.00	29.81 1.69 0.00	38.98 2.62 0.00	43.62 2.78 -0.02	42.00 3.00 -0.58	37.33 2.94 -0.60	36.55 3.25 0.24	39.06 3.52 -0.28	40.18 3.70 -0.56	44.38 3.94 -1.87	45.99 4.06 -0.91	49.88 4.23 -1.11	56.95 4.52 -1.05	69.62 5.36 -1.16	72.31 4.84 -1.21	64.06 4.15 -0.53	54.72 4.10 -0.02	46.84 3.91 0.00	40.62 3.56 -0.01	36.43 2.88 0.00
PPL_SHRM_GT3 24213	33.10 2.17 0.00	30.42 1.50 0.00	28.59 0.97 0.00	27.70 0.70 0.00	28.42 0.77 0.00	29.08 0.96 0.00	38.07 1.71 0.00	42.59 1.75 -0.02	41.04 2.03 -0.58	36.49 2.10 -0.60	35.71 2.42 0.24	38.03 2.50 -0.28	39.14 2.66 -0.56	43.27 2.85 -1.84	44.84 2.91 -0.91	48.72 3.07 -1.11	55.82 3.39 -1.05	68.17 3.91 -1.16	70.79 3.31 -1.21	62.75 2.85 -0.53	53.40 2.78 -0.02	45.77 2.83 0.00	39.62 2.55 -0.01	35.59 2.05 0.00
PPL_SHRM_GT4 24214	33.10 2.17 0.00	30.42 1.50 0.00	28.59 0.97 0.00	27.70 0.70 0.00	28.42 0.77 0.00	29.08 0.96 0.00	38.07 1.71 0.00	42.59 1.75 -0.02	41.04 2.03 -0.58	36.49 2.10 -0.60	35.71 2.42 0.24	38.03 2.50 -0.28	39.14 2.66 -0.56	43.27 2.85 -1.84	44.84 2.91 -0.91	48.72 3.07 -1.11	55.82 3.39 -1.05	68.17 3.91 -1.16	70.79 3.31 -1.21	62.75 2.85 -0.53	53.40 2.78 -0.02	45.77 2.83 0.00	39.62 2.55 -0.01	35.59 2.05 0.00
PROJECT___ORANGE 1 24174	31.27 -0.28 -0.61	29.37 -0.17 -0.63	27.85 -0.22 -0.45	27.27 -0.19 -0.46	27.66 -0.22 -0.23	28.69 -0.17 -0.74	36.52 -0.33 -0.48	41.69 -0.20 -1.07	39.10 -0.19 -0.87	34.68 -0.24 -1.13	31.08 -0.30 2.16	34.80 -0.35 0.09	36.69 -0.36 -1.12	39.62 -0.35 -1.39	41.93 -0.33 -1.24	45.38 -0.45 -1.29	52.22 -0.41 -1.25	63.75 -0.50 -1.15	67.60 -0.40 -1.73	60.93 -0.24 -1.80	52.28 -0.15 -1.83	43.76 -0.13 -0.96	37.75 -0.22 -0.92	34.77 -0.10 -1.33
PROJECT___ORANGE 2 24166	31.27 -0.28 -0.61	29.37 -0.17 -0.63	27.85 -0.22 -0.45	27.27 -0.19 -0.46	27.66 -0.22 -0.23	28.69 -0.17 -0.74	36.52 -0.33 -0.48	41.69 -0.20 -1.07	39.10 -0.19 -0.87	34.68 -0.24 -1.13	31.08 -0.30 2.16	34.80 -0.35 0.09	36.69 -0.36 -1.12	39.62 -0.35 -1.39	41.93 -0.33 -1.24	45.38 -0.45 -1.29	52.22 -0.41 -1.25	63.75 -0.50 -1.15	67.60 -0.40 -1.73	60.93 -0.24 -1.80	52.28 -0.15 -1.83	43.76 -0.13 -0.96	37.75 -0.22 -0.92	34.77 -0.10 -1.33
PUCKETT___SOLAR 323809	31.53 0.59 0.00	29.58 0.67 0.00	28.23 0.61 0.00	27.60 0.59 0.00	28.23 0.58 0.00	28.83 0.70 0.00	37.20 0.84 0.00	41.22 1.02 0.62	38.46 0.65 0.62	33.63 0.41 0.57	29.95 0.20 3.79	33.62 0.14 1.77	35.46 0.14 0.60	37.97 0.31 0.91	40.76 0.41 0.66	44.44 0.58 0.67	51.55 0.97 0.81	63.57 1.51 1.04	66.85 2.06 1.47	59.74 1.96 1.59	51.06 1.82 1.36	43.69 1.41 0.66	37.58 1.11 0.58	33.71 1.07 0.91
PYRITES___HYD 24023	53.74 0.53 -22.28	52.28 0.49 -22.88	44.32 0.44 -16.25	44.16 0.43 -16.73	36.55 0.50 -8.41	55.58 0.56 -26.90	55.48 1.05 -18.06	57.71 1.18 -15.71	48.68 1.15 -9.10	54.71 0.74 -20.17	54.55 0.67 -20.35	55.35 0.67 -19.43	55.31 0.61 -18.78	56.49 0.66 -17.26	62.47 0.66 -20.80	67.81 0.85 -22.43	68.13 1.03 -15.72	68.66 1.77 -3.79	77.03 2.12 -8.64	68.02 1.96 -6.69	68.41 1.32 -16.49	54.38 0.99 -10.46	49.90 0.85 -11.99	49.62 0.77 -15.31
QUAKERRD_115KV_BK1 80622	30.01 -0.93 0.00	28.45 -0.46 0.00	27.05 -0.58 0.00	26.38 -0.62 0.00	26.93 -0.72 0.00	27.59 -0.53 0.00	35.20 -1.16 0.00	42.03 -1.80 -3.00	39.60 -1.73 -2.91	34.99 -1.49 -2.69	33.93 -1.58 -1.97	36.08 -1.66 -2.49	37.15 -1.62 -2.84	41.31 -1.54 -4.28	42.59 -1.56 -3.13	45.70 -2.00 -3.17	52.99 -2.21 -3.82	65.34 -2.65 -4.89	70.73 -2.52 -6.97	64.89 -2.02 -7.53	55.41 -1.62 -6.43	44.53 -1.55 -3.13	38.40 -1.41 -2.75	36.76 -1.04 -4.26
QUENSBRY_115KV_TB8 356137	33.51 2.57 0.00	31.43 2.52 0.00	29.98 2.35 0.00	29.27 2.27 0.00	30.05 2.41 0.00	30.66 2.53 0.00	39.60 3.24 0.00	44.37 3.55 0.00	40.43 2.61 0.61	35.19 2.03 0.63	34.43 1.68 0.78	36.20 1.62 0.67	36.86 1.51 0.57	39.71 1.85 0.72	40.85 0.78 0.94	44.46 1.07 1.15	52.19 1.90 1.09	64.73 2.84 1.21	68.38 3.38 1.27	62.03 3.21 0.55	53.44 2.83 0.00	45.34 2.40 0.00	40.54 3.08 -0.40	36.43 2.88 0.00
RAMAPO___LBMP 323565	32.33 1.39 0.00	30.01 1.10 0.00	28.57 0.94 0.00	27.82 0.81 0.00	28.50 0.86 0.00	29.05 0.93 0.00	37.78 1.42 0.00	42.29 1.47 0.00	40.23 1.27 -0.54	35.66 1.32 -0.55	34.80 1.58 0.31	37.23 1.76 -0.22	38.30 1.87 -0.50	41.17 1.97 -0.63	43.85 2.01 -0.83	47.78 2.23 -1.01	54.81 2.47 -0.96	67.01 2.84 -1.07	70.03 2.65 -1.11	62.00 2.14 -0.49	52.73 2.13 0.00	44.70 1.76 0.00	38.69 1.63 0.00	34.71 1.17 0.00
RANKINE____ 23646	30.41 -0.53 0.00	29.23 0.32 0.00	27.63 0.00 0.00	26.87 -0.14 0.00	27.37 -0.28 0.00	28.27 0.14 0.00	35.45 -0.91 0.00	42.36 -0.65 -2.19	39.89 -0.65 -2.12	35.31 -0.44 -1.96	33.54 -0.67 -0.68	36.04 -0.74 -1.53	37.38 -0.61 -2.07	41.43 -0.27 -3.13	43.01 -0.29 -2.28	45.78 -1.07 -2.31	53.19 -0.98 -2.79	65.54 -1.14 -3.57	70.80 -0.60 -5.12	64.53 -0.36 -5.51	55.00 -0.30 -4.70	44.84 -0.39 -2.29	38.76 -0.30 -2.00	37.03 0.40 -3.09
RAVENSWOOD_GT2_1 24244	32.98 2.04 0.00	30.51 1.59 0.00	28.98 1.35 0.00	28.14 1.13 0.00	28.86 1.22 0.00	29.45 1.32 0.00	38.36 2.00 0.00	42.96 2.12 -0.02	41.03 2.00 -0.61	36.41 1.99 -0.62	35.65 2.35 0.24	38.12 2.57 -0.29	39.22 2.73 -0.57	42.14 2.85 -0.71	44.86 2.91 -0.94	48.84 3.16 -1.14	55.91 3.44 -1.09	68.28 3.98 -1.20	71.30 3.78 -1.26	63.01 3.09 -0.55	53.54 2.94 0.00	45.38 2.45 0.00	39.39 2.33 0.00	35.29 1.74 0.00
RAVENSWOOD_GT2_2 24245	32.98 2.04 0.00	30.51 1.59 0.00	28.98 1.35 0.00	28.14 1.13 0.00	28.86 1.22 0.00	29.45 1.32 0.00	38.36 2.00 0.00	42.96 2.12 -0.02	41.03 2.00 -0.61	36.41 1.99 -0.62	35.65 2.35 0.24	38.12 2.57 -0.29	39.22 2.73 -0.57	42.14 2.85 -0.71	44.86 2.91 -0.94	48.84 3.16 -1.14	55.91 3.44 -1.09	68.28 3.98 -1.20	71.30 3.78 -1.26	63.01 3.09 -0.55	53.54 2.94 0.00	45.38 2.45 0.00	39.39 2.33 0.00	35.29 1.74 0.00

RAVENSWOOD_GT2_3 24246	32.98 2.04 0.00	30.53 1.62 0.00	28.98 1.35 0.00	28.17 1.16 0.00	28.86 1.22 0.00	29.45 1.32 0.00	38.40 2.04 0.00	42.96 2.12 -0.02	41.06 2.04 -0.61	36.44 2.03 -0.62	35.65 2.35 0.24	38.15 2.61 -0.29	39.26 2.77 -0.57	42.18 2.89 -0.71	44.90 2.95 -0.94	48.89 3.21 -1.14	55.96 3.49 -1.09	68.34 4.04 -1.20	71.37 3.84 -1.26	63.01 3.09 -0.55	53.54 2.94 0.00	45.43 2.49 0.00	39.43 2.37 0.00	35.29 1.74 0.00
RAVENSWOOD_GT2_4 24247	32.98 2.04 0.00	30.53 1.62 0.00	28.98 1.35 0.00	28.17 1.16 0.00	28.86 1.22 0.00	29.45 1.32 0.00	38.40 2.04 0.00	42.96 2.12 -0.02	41.06 2.04 -0.61	36.44 2.03 -0.62	35.65 2.35 0.24	38.15 2.61 -0.29	39.26 2.77 -0.57	42.18 2.89 -0.71	44.90 2.95 -0.94	48.89 3.21 -1.14	55.96 3.49 -1.09	68.34 4.04 -1.20	71.37 3.84 -1.26	63.01 3.09 -0.55	53.54 2.94 0.00	45.43 2.49 0.00	39.43 2.37 0.00	35.29 1.74 0.00
RAVENSWOOD_GT3_1 24248	32.98 2.04 0.00	30.53 1.62 0.00	28.98 1.35 0.00	28.17 1.16 0.00	28.86 1.22 0.00	29.45 1.32 0.00	38.36 2.00 0.00	42.96 2.12 -0.02	41.03 2.00 -0.61	36.41 1.99 -0.62	35.65 2.35 0.24	38.12 2.57 -0.29	39.22 2.73 -0.57	42.14 2.85 -0.71	44.90 2.95 -0.94	48.84 3.16 -1.14	55.91 3.44 -1.09	68.28 3.98 -1.20	71.37 3.84 -1.26	63.01 3.09 -0.55	53.54 2.94 0.00	45.38 2.45 0.00	39.39 2.33 0.00	35.29 1.74 0.00
RAVENSWOOD_GT3_2 24249	32.98 2.04 0.00	30.53 1.62 0.00	28.98 1.35 0.00	28.17 1.16 0.00	28.86 1.22 0.00	29.45 1.32 0.00	38.36 2.00 0.00	42.96 2.12 -0.02	41.03 2.00 -0.61	36.41 1.99 -0.62	35.65 2.35 0.24	38.12 2.57 -0.29	39.22 2.73 -0.57	42.14 2.85 -0.71	44.90 2.95 -0.94	48.84 3.16 -1.14	55.91 3.44 -1.09	68.28 3.98 -1.20	71.37 3.84 -1.26	63.01 3.09 -0.55	53.54 2.94 0.00	45.38 2.45 0.00	39.39 2.33 0.00	35.29 1.74 0.00
RAVENSWOOD_GT3_3 24250	33.01 2.07 0.00	30.56 1.65 0.00	29.01 1.38 0.00	28.19 1.19 0.00	28.89 1.24 0.00	29.48 1.35 0.00	38.43 2.07 0.00	43.04 2.20 -0.02	41.10 2.07 -0.61	36.48 2.06 -0.62	35.71 2.41 0.24	38.19 2.64 -0.29	39.29 2.80 -0.57	42.22 2.93 -0.71	44.94 2.99 -0.94	48.93 3.25 -1.14	56.02 3.55 -1.09	68.41 4.10 -1.20	71.44 3.91 -1.26	63.13 3.21 -0.55	53.59 2.99 0.00	45.47 2.53 0.00	39.47 2.41 0.00	35.32 1.78 0.00
RAVENSWOOD_GT3_4 24251	33.01 2.07 0.00	30.56 1.65 0.00	29.01 1.38 0.00	28.19 1.19 0.00	28.89 1.24 0.00	29.48 1.35 0.00	38.43 2.07 0.00	43.04 2.20 -0.02	41.10 2.07 -0.61	36.48 2.06 -0.62	35.71 2.41 0.24	38.19 2.64 -0.29	39.29 2.80 -0.57	42.22 2.93 -0.71	44.94 2.99 -0.94	48.93 3.25 -1.14	56.02 3.55 -1.09	68.41 4.10 -1.20	71.44 3.91 -1.26	63.13 3.21 -0.55	53.59 2.99 0.00	45.47 2.53 0.00	39.47 2.41 0.00	35.32 1.78 0.00
RAVENSWOOD_GT_1 23729	33.14 2.20 0.00	30.68 1.76 0.00	29.09 1.46 0.00	28.25 1.24 0.00	28.97 1.33 0.00	29.53 1.41 0.00	38.47 2.11 0.00	43.32 2.20 -0.30	41.10 2.07 -0.61	36.51 2.10 -0.62	35.75 2.45 0.24	38.26 2.71 -0.29	39.37 2.87 -0.57	42.29 3.01 -0.71	44.98 3.04 -0.93	48.89 3.21 -1.14	56.07 3.60 -1.08	68.40 4.10 -1.20	71.37 3.84 -1.26	63.07 3.15 -0.55	53.59 2.99 0.00	45.43 2.49 0.00	39.58 2.52 0.00	35.45 1.91 0.00
RAVENSWOOD_GT_10 24258	32.98 2.04 0.00	30.51 1.59 0.00	28.98 1.35 0.00	28.14 1.13 0.00	28.86 1.22 0.00	29.45 1.32 0.00	38.36 2.00 0.00	42.99 2.12 -0.05	41.03 2.00 -0.61	36.41 1.99 -0.62	35.65 2.35 0.24	38.12 2.57 -0.29	39.22 2.73 -0.57	42.14 2.85 -0.71	44.90 2.95 -0.94	48.84 3.16 -1.14	55.91 3.44 -1.09	68.28 3.98 -1.20	71.37 3.84 -1.26	63.01 3.09 -0.55	53.54 2.94 0.00	45.43 2.49 0.00	39.39 2.33 0.00	35.29 1.74 0.00
RAVENSWOOD_GT_11 24259	32.98 2.04 0.00	30.51 1.59 0.00	28.98 1.35 0.00	28.14 1.13 0.00	28.86 1.22 0.00	29.45 1.32 0.00	38.36 2.00 0.00	42.99 2.12 -0.05	41.03 2.00 -0.61	36.41 1.99 -0.62	35.65 2.35 0.24	38.12 2.57 -0.29	39.22 2.73 -0.57	42.14 2.85 -0.71	44.90 2.95 -0.94	48.84 3.16 -1.14	55.91 3.44 -1.09	68.28 3.98 -1.20	71.37 3.84 -1.26	63.01 3.09 -0.55	53.54 2.94 0.00	45.43 2.49 0.00	39.39 2.33 0.00	35.29 1.74 0.00
RAVENSWOOD_GT_4 24252	32.95 2.01 0.00	30.51 1.59 0.00	28.95 1.33 0.00	28.14 1.13 0.00	28.83 1.19 0.00	29.42 1.29 0.00	38.36 2.00 0.00	42.86 2.12 0.09	41.03 2.00 -0.61	36.41 1.99 -0.62	35.61 2.31 0.24	38.12 2.57 -0.29	39.22 2.73 -0.57	42.14 2.85 -0.71	44.86 2.91 -0.93	48.84 3.16 -1.14	55.91 3.44 -1.08	68.28 3.98 -1.20	71.37 3.84 -1.26	63.01 3.09 -0.55	53.54 2.94 0.00	45.43 2.49 0.00	39.39 2.33 0.00	35.25 1.71 0.00
RAVENSWOOD_GT_5 24254	32.95 2.01 0.00	30.51 1.59 0.00	28.95 1.33 0.00	28.14 1.13 0.00	28.83 1.19 0.00	29.42 1.29 0.00	38.36 2.00 0.00	42.86 2.12 0.09	41.03 2.00 -0.61	36.41 1.99 -0.62	35.61 2.31 0.24	38.12 2.57 -0.29	39.22 2.73 -0.57	42.14 2.85 -0.71	44.86 2.91 -0.93	48.84 3.16 -1.14	55.91 3.44 -1.08	68.28 3.98 -1.20	71.37 3.84 -1.26	63.01 3.09 -0.55	53.54 2.94 0.00	45.43 2.49 0.00	39.39 2.33 0.00	35.25 1.71 0.00
RAVENSWOOD_GT_6 24253	32.95 2.01 0.00	30.51 1.59 0.00	28.95 1.33 0.00	28.14 1.13 0.00	28.83 1.19 0.00	29.42 1.29 0.00	38.36 2.00 0.00	42.86 2.12 0.09	41.03 2.00 -0.61	36.41 1.99 -0.62	35.61 2.31 0.24	38.12 2.57 -0.29	39.22 2.73 -0.57	42.14 2.85 -0.71	44.86 2.91 -0.93	48.84 3.16 -1.14	55.91 3.44 -1.08	68.28 3.98 -1.20	71.37 3.84 -1.26	63.01 3.09 -0.55	53.54 2.94 0.00	45.43 2.49 0.00	39.39 2.33 0.00	35.25 1.71 0.00
RAVENSWOOD_GT_7 24255	32.95 2.01 0.00	30.51 1.59 0.00	28.95 1.33 0.00	28.14 1.13 0.00	28.83 1.19 0.00	29.42 1.29 0.00	38.36 2.00 0.00	42.86 2.12 0.09	41.03 2.00 -0.61	36.41 1.99 -0.62	35.61 2.31 0.24	38.12 2.57 -0.29	39.22 2.73 -0.57	42.14 2.85 -0.71	44.86 2.91 -0.93	48.84 3.16 -1.14	55.91 3.44 -1.08	68.28 3.98 -1.20	71.37 3.84 -1.26	63.01 3.09 -0.55	53.54 2.94 0.00	45.43 2.49 0.00	39.39 2.33 0.00	35.25 1.71 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.98 2.04 0.00	30.51 1.59 0.00	28.98 1.35 0.00	28.14 1.13 0.00	28.86 1.22 0.00	29.45 1.32 0.00	38.36 2.00 0.00	42.99 2.12 -0.05	41.03 2.00 -0.61	36.41 1.99 -0.62	35.65 2.35 0.24	38.12 2.57 -0.29	39.22 2.73 -0.57	42.14 2.85 -0.71	44.90 2.95 -0.94	48.84 3.16 -1.14	55.91 3.44 -1.09	68.28 3.98 -1.20	71.37 3.84 -1.26	63.01 3.09 -0.55	53.54 2.94 0.00	45.43 2.49 0.00	39.39 2.33 0.00	35.29 1.74 0.00
RAVENSWOOD_GT_9 24257	32.98 2.04 0.00	30.51 1.59 0.00	28.98 1.35 0.00	28.14 1.13 0.00	28.86 1.22 0.00	29.45 1.32 0.00	38.36 2.00 0.00	42.99 2.12 -0.05	41.03 2.00 -0.61	36.41 1.99 -0.62	35.65 2.35 0.24	38.12 2.57 -0.29	39.22 2.73 -0.57	42.14 2.85 -0.71	44.90 2.95 -0.94	48.84 3.16 -1.14	55.91 3.44 -1.09	68.28 3.98 -1.20	71.37 3.84 -1.26	63.01 3.09 -0.55	53.54 2.94 0.00	45.43 2.49 0.00	39.39 2.33 0.00	35.29 1.74 0.00

RAVENSWOOD___1 23533	33.10 2.17 0.00	30.65 1.73 0.00	29.06 1.44 0.00	28.25 1.24 0.00	29.00 1.35 0.00	29.53 1.41 0.00	38.47 2.11 0.00	43.09 2.04 -0.23	41.08 2.07 -0.58	36.49 2.10 -0.60	35.63 2.35 0.25	38.24 2.71 -0.27	39.35 2.87 -0.55	42.31 3.05 -0.69	45.07 3.16 -0.90	48.98 3.34 -1.10	56.03 3.60 -1.05	68.49 4.23 -1.16	71.39 3.91 -1.21	63.17 3.26 -0.53	53.66 3.04 -0.02	45.56 2.62 0.00	39.61 2.55 0.00	35.42 1.88 0.00
RAVENSWOOD___2 23534	33.10 2.17 0.00	30.62 1.71 0.00	29.06 1.44 0.00	28.22 1.22 0.00	29.00 1.35 0.00	29.50 1.38 0.00	38.43 2.07 0.00	43.09 2.04 -0.23	41.08 2.07 -0.58	36.45 2.06 -0.60	35.63 2.35 0.25	38.24 2.71 -0.27	39.35 2.87 -0.55	42.31 3.05 -0.69	45.03 3.12 -0.90	48.98 3.34 -1.10	56.03 3.60 -1.05	68.49 4.23 -1.16	71.39 3.91 -1.21	63.11 3.20 -0.53	53.66 3.04 -0.02	45.56 2.62 0.00	39.61 2.55 0.00	35.38 1.84 0.00
RAVENSWOOD___3 23535	32.98 2.04 0.00	30.53 1.62 0.00	28.98 1.35 0.00	28.17 1.16 0.00	28.92 1.27 0.00	29.45 1.32 0.00	38.36 2.00 0.00	42.96 2.12 -0.02	41.04 2.03 -0.58	36.42 2.03 -0.60	35.53 2.25 0.25	38.13 2.61 -0.27	39.24 2.77 -0.55	42.19 2.93 -0.69	44.99 3.08 -0.90	48.94 3.30 -1.10	55.93 3.50 -1.05	68.42 4.16 -1.16	71.39 3.91 -1.21	63.11 3.20 -0.53	53.66 3.04 -0.02	45.56 2.62 0.00	39.46 2.41 0.00	35.28 1.74 0.00
RAVENSWOOD___4 23820	33.07 2.13 0.00	30.62 1.71 0.00	29.04 1.41 0.00	28.22 1.22 0.00	28.97 1.33 0.00	29.50 1.38 0.00	38.43 2.07 0.00	43.01 2.04 -0.16	41.04 2.03 -0.58	36.45 2.06 -0.60	35.60 2.31 0.25	38.20 2.68 -0.28	39.31 2.84 -0.55	42.27 3.01 -0.69	45.03 3.12 -0.90	48.98 3.34 -1.10	55.97 3.54 -1.05	68.42 4.16 -1.16	71.32 3.84 -1.21	63.11 3.20 -0.53	53.61 2.98 -0.02	45.56 2.62 0.00	39.58 2.52 0.00	35.38 1.84 0.00
RCPL_TRUST___DRP 24196	33.01 2.07 0.00	30.56 1.65 0.00	29.01 1.38 0.00	28.19 1.19 0.00	28.89 1.24 0.00	29.48 1.35 0.00	38.43 2.07 0.00	43.09 2.25 -0.02	41.10 2.07 -0.61	36.51 2.10 -0.62	35.71 2.41 0.24	38.19 2.64 -0.29	39.29 2.80 -0.57	42.26 2.97 -0.71	44.99 3.04 -0.94	48.98 3.30 -1.14	56.07 3.60 -1.09	68.47 4.16 -1.20	71.50 3.98 -1.26	63.13 3.21 -0.55	53.64 3.04 0.00	45.51 2.58 0.00	39.47 2.41 0.00	35.32 1.78 0.00
RED___ROCHESTER 323720	30.82 -0.12 0.00	29.26 0.35 0.00	27.79 0.17 0.00	27.09 0.08 0.00	27.70 0.06 0.00	28.35 0.22 0.00	36.11 -0.25 0.00	43.18 -0.57 -2.94	40.59 -0.69 -2.86	35.96 -0.47 -2.64	34.98 -0.47 -1.91	37.02 -0.67 -2.44	38.11 -0.61 -2.80	42.36 -0.42 -4.21	43.69 -0.41 -3.08	46.94 -0.71 -3.12	54.62 -0.51 -3.75	67.09 -0.82 -4.82	72.74 -0.40 -6.86	66.55 -0.24 -7.41	56.98 0.05 -6.32	45.72 -0.30 -3.08	39.43 -0.33 -2.70	37.70 -0.03 -4.19
REGAN___SOLAR 323812	32.86 1.92 0.00	30.77 1.85 0.00	29.40 1.77 0.00	28.71 1.70 0.00	29.47 1.82 0.00	30.07 1.94 0.00	38.98 2.62 0.00	43.35 2.53 0.00	39.31 1.23 0.34	33.85 0.41 0.35	32.59 -0.17 0.78	34.39 -0.35 0.50	35.10 -0.50 0.32	37.75 -0.42 0.40	40.24 -0.24 0.53	44.21 0.31 0.65	52.06 1.29 0.61	65.32 2.90 0.68	70.00 4.44 0.71	63.34 4.28 0.31	54.39 3.80 0.01	45.94 3.00 0.00	39.50 2.45 0.00	35.69 2.15 0.00
RENSSELAER___COGEN 23796	31.34 0.40 0.00	29.23 0.32 0.00	28.01 0.39 0.00	27.41 0.41 0.00	28.09 0.44 0.00	28.49 0.36 0.00	36.87 0.51 0.00	41.35 0.53 0.00	38.33 0.35 0.44	33.64 0.30 0.45	33.11 0.27 0.70	35.03 0.32 0.53	35.76 0.25 0.41	38.21 0.15 0.51	40.54 0.21 0.68	44.03 0.31 0.83	50.81 0.21 0.78	62.48 0.25 0.87	65.49 0.13 0.91	59.10 0.12 0.40	50.84 0.25 0.01	43.20 0.26 0.00	36.89 0.22 0.39	33.84 0.30 0.00
REPUBLIC_115KV_BARTNBK 55605	34.68 3.74 0.00	32.67 3.76 0.00	31.11 3.48 0.00	30.35 3.35 0.00	31.18 3.54 0.00	31.89 3.77 0.00	41.23 4.87 0.00	46.21 5.39 0.00	41.80 4.00 0.61	36.27 3.11 0.63	35.37 2.62 0.78	37.15 2.57 0.68	37.75 2.41 0.58	40.74 2.89 0.72	42.16 2.09 0.95	46.05 2.67 1.16	54.39 4.11 1.10	67.75 5.87 1.22	71.75 6.76 1.28	65.23 6.41 0.56	56.17 5.57 0.00	47.49 4.55 0.00	42.25 4.78 -0.41	37.90 4.36 0.00
REVERE_CPPR_DRP 24186	33.68 0.87 -1.87	31.76 0.93 -1.92	29.79 0.80 -1.36	29.19 0.78 -1.40	29.26 0.91 -0.71	31.40 1.01 -2.26	39.37 1.53 -1.48	44.42 1.88 -1.72	41.16 1.58 -1.17	36.92 1.08 -2.04	35.21 0.87 -0.80	37.69 0.92 -1.53	38.59 0.72 -1.95	41.49 0.89 -2.03	44.20 1.03 -2.16	48.13 1.29 -2.30	54.87 1.64 -1.84	66.51 2.40 -1.02	70.83 2.85 -1.72	63.68 2.67 -1.64	55.26 2.38 -2.28	46.09 1.85 -1.31	39.85 1.41 -1.38	36.72 1.31 -1.87
REYNLDPA_13_KV_LD 356490	27.78 -0.03 3.13	25.67 -0.03 3.22	25.31 -0.03 2.29	24.63 -0.03 2.35	26.41 -0.06 1.18	24.31 -0.03 3.78	33.84 0.00 2.52	38.65 -0.04 2.13	37.41 0.19 1.21	31.20 0.17 2.76	30.92 0.17 2.78	32.77 0.18 2.65	33.54 0.18 2.56	36.41 0.15 2.32	38.30 0.12 2.84	41.57 0.09 3.06	49.32 0.05 2.11	62.86 0.19 0.43	65.34 0.13 1.06	58.66 0.06 0.78	48.24 -0.20 2.17	41.41 -0.13 1.39	35.40 -0.04 1.62	31.46 -0.03 2.05
REYNOLDS_115KV_TB3 80639	31.62 0.68 0.00	29.49 0.58 0.00	28.21 0.58 0.00	27.60 0.59 0.00	28.25 0.61 0.00	28.72 0.59 0.00	37.20 0.84 0.00	41.64 0.82 0.00	38.45 0.58 0.55	33.77 0.54 0.56	33.35 0.57 0.75	35.19 0.56 0.62	35.95 0.54 0.51	38.43 0.50 0.64	40.66 0.49 0.84	44.13 0.62 1.03	51.12 0.72 0.98	62.83 0.82 1.09	65.86 0.73 1.14	59.47 0.59 0.50	51.31 0.71 0.00	43.58 0.64 0.00	37.16 0.59 0.49	34.11 0.57 0.00
RIVERBAY____ 323610	33.55 2.60 -0.01	31.09 2.17 -0.01	29.49 1.85 -0.01	28.63 1.62 -0.01	29.34 1.69 -0.01	29.87 1.74 0.00	38.80 2.44 0.00	43.23 2.37 -0.04	41.22 2.19 -0.61	36.58 2.16 -0.62	35.85 2.55 0.24	38.33 2.78 -0.29	39.44 2.95 -0.57	42.37 3.09 -0.71	45.07 3.12 -0.94	49.02 3.34 -1.14	56.17 3.70 -1.09	68.53 4.23 -1.20	71.50 3.98 -1.26	63.19 3.27 -0.55	53.74 3.14 0.00	45.60 2.66 0.00	39.98 2.93 0.00	35.86 2.31 -0.01
RIVERSDE_115KV_TB3 55908	31.50 0.56 0.00	29.38 0.46 0.00	28.12 0.50 0.00	27.52 0.51 0.00	28.17 0.53 0.00	28.60 0.48 0.00	37.05 0.69 0.00	41.51 0.69 0.00	38.38 0.46 0.50	33.71 0.44 0.52	33.24 0.44 0.73	35.09 0.42 0.59	35.85 0.40 0.47	38.37 0.39 0.59	40.61 0.37 0.78	44.08 0.49 0.95	51.00 0.51 0.90	62.67 0.57 1.00	65.76 0.53 1.04	59.33 0.42 0.46	51.11 0.51 0.00	43.41 0.47 0.00	37.08 0.44 0.42	34.01 0.47 0.00
ROARING___BROOK_WT_PWR 323790	30.91 -0.03 0.00	28.92 0.00 0.00	27.63 0.00 0.00	27.03 0.03 0.00	27.67 0.03 0.00	28.15 0.03 0.00	35.91 -0.04 0.42	40.42 -0.04 0.35	38.22 0.00 0.20	33.33 0.00 0.46	33.07 0.00 0.46	34.81 0.00 0.44	35.50 0.00 0.42	38.19 0.00 0.38	40.50 -0.04 0.47	43.99 -0.04 0.51	50.98 -0.05 0.35	62.97 -0.06 0.07	66.03 -0.07 0.18	59.13 -0.12 0.13	50.04 -0.20 0.36	42.53 -0.17 0.23	36.68 -0.11 0.27	33.10 -0.10 0.34

ROCHESRG_115KV_T4 355643	30.51 -0.43 0.00	29.00 0.09 0.00	27.54 -0.08 0.00	26.84 -0.16 0.00	27.42 -0.22 0.00	28.13 0.00 0.00	35.71 -0.65 0.00	42.52 -1.27 -2.97	40.10 -1.19 -2.87	35.43 -1.01 -2.65	34.34 -1.14 -1.94	36.54 -1.16 -2.46	37.62 -1.11 -2.81	41.80 -1.00 -4.22	43.12 -0.98 -3.09	46.20 -1.47 -3.13	53.56 -1.59 -3.77	66.10 -1.83 -4.83	71.56 -1.59 -6.89	65.68 -1.13 -7.44	56.04 -0.91 -6.34	45.13 -0.90 -3.09	38.88 -0.89 -2.71	37.28 -0.47 -4.21
ROCHESTER_9_IC 23652	30.66 -0.28 0.00	29.15 0.23 0.00	27.68 0.06 0.00	26.98 -0.03 0.00	27.54 -0.11 0.00	28.24 0.11 0.00	35.89 -0.47 0.00	42.73 -1.02 -2.93	40.30 -0.96 -2.84	35.61 -0.81 -2.63	34.47 -0.94 -1.88	36.71 -0.95 -2.41	37.80 -0.90 -2.78	42.02 -0.73 -4.18	43.38 -0.70 -3.06	46.48 -1.16 -3.10	53.88 -1.23 -3.73	66.43 -1.45 -4.78	71.89 -1.19 -6.81	66.02 -0.71 -7.36	56.32 -0.56 -6.28	45.35 -0.64 -3.06	39.11 -0.63 -2.68	37.40 -0.30 -4.16
ROCKVIEW_13_KV_LD 356306	32.89 1.95 0.00	30.48 1.56 0.00	28.95 1.33 0.00	28.14 1.13 0.00	28.83 1.19 0.00	29.42 1.29 0.00	38.36 2.00 0.00	42.97 2.12 -0.03	41.03 2.00 -0.61	36.41 1.99 -0.62	35.61 2.31 0.24	38.08 2.54 -0.29	39.19 2.69 -0.57	42.14 2.85 -0.71	44.86 2.91 -0.94	48.80 3.12 -1.14	55.91 3.44 -1.09	68.34 4.04 -1.20	71.37 3.84 -1.26	63.07 3.15 -0.55	53.59 2.99 0.00	45.43 2.49 0.00	39.35 2.30 0.00	35.25 1.71 0.00
ROME____115KV_TB2 80656	33.68 0.87 -1.87	31.76 0.93 -1.92	29.79 0.80 -1.36	29.19 0.78 -1.40	29.26 0.91 -0.71	31.40 1.01 -2.26	39.37 1.53 -1.48	44.42 1.88 -1.72	41.16 1.58 -1.17	36.92 1.08 -2.04	35.21 0.87 -0.80	37.69 0.92 -1.53	38.59 0.72 -1.95	41.49 0.89 -2.03	44.20 1.03 -2.16	48.13 1.29 -2.30	54.87 1.64 -1.84	66.51 2.40 -1.02	70.83 2.85 -1.72	63.68 2.67 -1.64	55.26 2.38 -2.28	46.09 1.85 -1.31	39.85 1.41 -1.38	36.72 1.31 -1.87
ROSETON___1 23587	32.36 1.42 0.00	30.04 1.13 0.00	28.59 0.97 0.00	27.87 0.86 0.00	28.59 0.94 0.00	29.08 0.96 0.00	37.82 1.46 0.00	42.29 1.47 0.00	40.30 1.34 -0.53	35.66 1.32 -0.55	34.72 1.47 0.29	37.20 1.73 -0.23	38.22 1.80 -0.50	41.09 1.89 -0.62	43.84 2.01 -0.82	47.72 2.18 -1.00	54.65 2.31 -0.95	66.93 2.77 -1.06	69.95 2.58 -1.10	61.99 2.13 -0.48	52.70 2.08 -0.02	44.74 1.80 0.00	38.65 1.59 0.00	34.68 1.14 0.00
ROSETON___2 23588	32.36 1.42 0.00	30.04 1.13 0.00	28.59 0.97 0.00	27.87 0.86 0.00	28.59 0.94 0.00	29.08 0.96 0.00	37.82 1.46 0.00	42.29 1.47 0.00	40.30 1.34 -0.53	35.66 1.32 -0.55	34.72 1.47 0.29	37.20 1.73 -0.23	38.22 1.80 -0.50	41.09 1.89 -0.62	43.84 2.01 -0.82	47.72 2.18 -1.00	54.65 2.31 -0.95	66.93 2.77 -1.06	69.95 2.58 -1.10	61.99 2.13 -0.48	52.70 2.08 -0.02	44.74 1.80 0.00	38.65 1.59 0.00	34.68 1.14 0.00
ROTRDAM_115KV_TB3 80664	31.84 0.90 0.00	29.72 0.81 0.00	28.40 0.77 0.00	27.76 0.76 0.00	28.45 0.80 0.00	28.91 0.79 0.00	37.42 1.05 0.00	41.92 1.10 0.00	38.83 0.81 0.40	34.02 0.64 0.41	33.48 0.60 0.66	35.35 0.60 0.50	36.16 0.61 0.38	38.76 0.66 0.47	41.01 0.62 0.62	44.54 0.76 0.76	51.64 0.98 0.72	63.63 1.33 0.80	66.89 1.46 0.83	60.32 1.31 0.36	51.87 1.27 0.00	44.01 1.07 0.00	38.06 1.00 0.00	34.38 0.84 0.00
RUSSELL___1 23602	30.82 -0.12 0.00	29.26 0.35 0.00	27.79 0.17 0.00	27.09 0.08 0.00	27.65 0.00 0.00	28.35 0.23 0.00	36.07 -0.29 0.00	43.06 -0.69 -2.94	40.57 -0.69 -2.84	35.88 -0.54 -2.63	34.71 -0.70 -1.88	37.00 -0.67 -2.42	38.09 -0.61 -2.78	42.33 -0.42 -4.18	43.75 -0.33 -3.06	46.88 -0.76 -3.10	54.34 -0.77 -3.73	66.94 -0.95 -4.78	72.42 -0.66 -6.82	66.50 -0.24 -7.36	56.83 -0.05 -6.28	45.79 -0.21 -3.06	39.41 -0.33 -2.69	37.67 -0.03 -4.17
RUSSELL___2 23532	30.82 -0.12 0.00	29.26 0.35 0.00	27.79 0.17 0.00	27.09 0.08 0.00	27.65 0.00 0.00	28.35 0.23 0.00	36.07 -0.29 0.00	43.06 -0.69 -2.94	40.57 -0.69 -2.84	35.88 -0.54 -2.63	34.71 -0.70 -1.88	37.00 -0.67 -2.42	38.09 -0.61 -2.78	42.33 -0.42 -4.18	43.75 -0.33 -3.06	46.88 -0.76 -3.10	54.34 -0.77 -3.73	66.94 -0.95 -4.78	72.42 -0.66 -6.82	66.50 -0.24 -7.36	56.83 -0.05 -6.28	45.79 -0.21 -3.06	39.41 -0.33 -2.69	37.67 -0.03 -4.17
RUSSELL___3 23549	30.82 -0.12 0.00	29.26 0.35 0.00	27.79 0.17 0.00	27.09 0.08 0.00	27.65 0.00 0.00	28.35 0.23 0.00	36.07 -0.29 0.00	43.06 -0.69 -2.94	40.57 -0.69 -2.84	35.88 -0.54 -2.63	34.71 -0.70 -1.88	37.00 -0.67 -2.42	38.09 -0.61 -2.78	42.33 -0.42 -4.18	43.75 -0.33 -3.06	46.88 -0.76 -3.10	54.34 -0.77 -3.73	66.94 -0.95 -4.78	72.42 -0.66 -6.82	66.50 -0.24 -7.36	56.83 -0.05 -6.28	45.79 -0.21 -3.06	39.41 -0.33 -2.69	37.67 -0.03 -4.17
RUSSELL___4 23556	30.82 -0.12 0.00	29.26 0.35 0.00	27.79 0.17 0.00	27.09 0.08 0.00	27.65 0.00 0.00	28.35 0.23 0.00	36.07 -0.29 0.00	43.06 -0.69 -2.94	40.57 -0.69 -2.84	35.88 -0.54 -2.63	34.71 -0.70 -1.88	37.00 -0.67 -2.42	38.09 -0.61 -2.78	42.33 -0.42 -4.18	43.75 -0.33 -3.06	46.88 -0.76 -3.10	54.34 -0.77 -3.73	66.94 -0.95 -4.78	72.42 -0.66 -6.82	66.50 -0.24 -7.36	56.83 -0.05 -6.28	45.79 -0.21 -3.06	39.41 -0.33 -2.69	37.67 -0.03 -4.17
RUSSELL___STATION 23914	30.82 -0.12 0.00	29.26 0.35 0.00	27.79 0.17 0.00	27.09 0.08 0.00	27.65 0.00 0.00	28.35 0.23 0.00	36.07 -0.29 0.00	43.06 -0.69 -2.94	40.57 -0.69 -2.84	35.88 -0.54 -2.63	34.71 -0.70 -1.88	37.00 -0.67 -2.42	38.09 -0.61 -2.78	42.33 -0.42 -4.18	43.75 -0.33 -3.06	46.88 -0.76 -3.10	54.34 -0.77 -3.73	66.94 -0.95 -4.78	72.42 -0.66 -6.82	66.50 -0.24 -7.36	56.83 -0.05 -6.28	45.79 -0.21 -3.06	39.41 -0.33 -2.69	37.67 -0.03 -4.17
S SALMON___HYD 24043	32.89 -0.12 -2.07	31.04 0.00 -2.13	29.09 -0.06 -1.51	28.54 -0.03 -1.56	28.40 -0.03 -0.78	30.71 0.08 -2.50	38.14 0.15 -1.63	45.64 0.33 -4.50	42.43 0.15 -3.85	38.35 -0.07 -4.63	37.08 -0.17 -3.71	39.29 -0.25 -4.28	40.26 -0.32 -4.66	44.28 -0.31 -6.02	45.88 -0.29 -5.15	49.65 -0.22 -5.33	56.63 -0.15 -5.40	68.42 -0.13 -5.44	74.45 0.13 -8.05	68.07 0.24 -8.45	59.05 0.25 -8.19	47.36 0.22 -4.21	41.15 0.15 -3.95	39.63 0.27 -5.82
S.PERRY__115KV_TB1 80734	31.68 0.74 0.00	30.13 1.21 0.00	28.57 0.94 0.00	27.87 0.86 0.00	28.42 0.77 0.00	29.19 1.07 0.00	37.23 0.87 0.00	43.50 0.86 -1.83	40.65 0.46 -1.77	35.56 0.14 -1.63	33.30 -0.23 0.00	35.97 -0.35 -1.07	37.36 -0.29 -1.73	41.25 0.08 -2.60	43.17 0.25 -1.90	46.42 -0.04 -1.93	54.17 0.46 -2.32	67.15 1.07 -2.98	72.57 2.05 -4.25	66.28 2.32 -4.59	56.49 1.97 -3.91	46.26 1.42 -1.91	39.73 1.00 -1.67	37.34 1.21 -2.59
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.26 -0.68 0.00	29.09 0.17 0.00	27.54 -0.08 0.00	26.79 -0.22 0.00	27.29 -0.36 0.00	28.15 0.03 0.00	35.20 -1.16 0.00	41.68 -1.47 -2.33	39.33 -1.34 -2.25	34.86 -1.01 -2.08	33.18 -1.27 -0.92	35.58 -1.37 -1.70	36.87 -1.26 -2.20	40.90 -1.00 -3.33	42.38 -1.07 -2.43	45.04 -1.96 -2.46	52.35 -2.00 -2.97	64.50 -2.40 -3.80	69.75 -1.99 -5.47	63.70 -1.54 -5.87	54.34 -1.27 -5.00	44.21 -1.16 -2.43	38.22 -0.96 -2.13	36.67 -0.13 -3.26

SAWYER___23_KV_LOAD 55526	30.26	29.09	27.54	26.79	27.29	28.15	35.20	41.68	39.33	34.86	33.18	35.58	36.87	40.90	42.38	45.04	52.35	64.50	69.75	63.70	54.34	44.21	38.22	36.67
	-0.68	0.17	-0.08	-0.22	-0.36	0.03	-1.16	-1.47	-1.34	-1.01	-1.27	-1.37	-1.26	-1.00	-1.07	-1.96	-2.00	-2.40	-1.99	-1.54	-1.27	-1.16	-0.96	-0.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.33	-2.25	-2.08	-0.92	-1.70	-2.20	-3.33	-2.43	-2.46	-2.97	-3.80	-5.47	-5.87	-5.00	-2.43	-2.13	-3.26
SELKIRK___I 23801	31.62	29.55	28.29	27.68	28.34	28.74	37.16	41.59	38.71	33.92	33.22	35.18	35.94	38.37	40.78	44.37	51.27	63.13	66.36	59.72	51.15	43.45	37.28	34.15
	0.68	0.64	0.66	0.68	0.69	0.62	0.80	0.77	0.50	0.34	0.27	0.28	0.22	0.04	0.08	0.22	0.26	0.44	0.53	0.53	0.56	0.52	0.41	0.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.21	0.58	0.35	0.20	0.24	0.32	0.39	0.37	0.41	0.43	0.19	0.01	0.00	0.19	0.00
SELKIRK___II 23799	31.50	29.38	28.13	27.52	28.20	28.60	37.02	41.47	38.62	33.92	33.35	35.32	36.10	38.33	40.71	44.19	50.99	62.68	65.70	59.16	50.80	43.15	36.95	33.98
	0.56	0.46	0.50	0.51	0.55	0.48	0.66	0.65	0.50	0.44	0.43	0.49	0.47	0.12	0.16	0.22	0.15	0.19	0.07	0.06	0.20	0.22	0.15	0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.31	0.62	0.42	0.29	0.36	0.47	0.58	0.55	0.61	0.63	0.28	0.01	0.00	0.25	0.00
SENECA OSWGO___HYD 24041	31.17	29.25	27.75	27.18	27.52	28.63	36.40	45.00	42.26	37.68	36.68	38.82	39.89	44.49	45.45	48.98	56.52	69.22	75.61	69.56	59.67	47.24	40.85	39.72
	-0.46	-0.38	-0.39	-0.35	-0.39	-0.34	-0.51	-0.45	-0.50	-0.47	-0.50	-0.60	-0.58	-0.58	-0.57	-0.67	-0.67	-0.82	-0.66	-0.54	-0.41	-0.39	-0.41	-0.23
	-0.70	-0.71	-0.51	-0.52	-0.26	-0.84	-0.55	-4.63	-4.34	-4.37	-3.65	-4.17	-4.54	-6.50	-5.01	-5.11	-5.80	-6.94	-10.00	-10.72	-9.47	-4.69	-4.20	-6.41
SENECA___115KV_TB3 355854	30.44	29.26	27.66	26.92	27.40	28.29	35.49	42.44	39.97	35.38	33.57	36.11	37.42	41.51	43.09	45.87	53.25	65.66	70.86	64.65	55.10	44.88	38.84	37.10
	-0.50	0.35	0.03	-0.08	-0.25	0.17	-0.87	-0.57	-0.58	-0.37	-0.64	-0.67	-0.57	-0.19	-0.21	-0.98	-0.92	-1.01	-0.53	-0.24	-0.20	-0.34	-0.22	0.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.19	-2.12	-1.96	-0.68	-1.53	-2.07	-3.13	-2.28	-2.31	-2.79	-3.57	-5.12	-5.51	-4.70	-2.29	-2.00	-3.09
SENECA___ENERGY 23797	31.21	29.38	27.92	27.30	27.77	28.69	36.29	42.55	39.97	35.11	31.86	35.29	37.13	40.44	42.52	45.99	53.48	65.82	70.32	63.64	54.19	44.92	38.75	35.95
	-0.12	0.06	0.00	0.00	-0.03	0.08	-0.07	0.49	0.38	0.24	0.13	0.00	0.07	0.15	0.25	0.18	0.57	0.76	1.26	1.25	1.01	0.73	0.59	0.71
	-0.39	-0.40	-0.29	-0.30	-0.15	-0.48	0.00	-1.24	-1.17	-1.08	1.81	-0.04	-1.14	-1.71	-1.26	-1.27	-1.53	-1.96	-2.80	-3.02	-2.58	-1.26	-1.10	-1.71
SHOEMAKER___GT 23640	32.11	29.87	28.46	27.73	28.45	28.91	37.56	42.04	39.93	35.29	34.25	36.71	37.76	40.63	43.34	47.20	54.17	66.43	69.49	61.70	52.44	44.53	38.43	34.55
	1.18	0.95	0.83	0.73	0.80	0.79	1.20	1.22	1.04	1.01	1.11	1.30	1.40	1.50	1.60	1.78	1.95	2.40	2.25	1.90	1.82	1.59	1.37	1.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	-0.48	0.39	-0.15	-0.44	-0.55	-0.72	-0.88	-0.84	-0.93	-0.97	-0.42	-0.02	0.00	0.00	0.00
SHOEMAKR_138KV_BK 111 55601	32.12	29.84	28.43	27.73	28.39	28.91	37.56	42.04	39.90	35.30	34.36	36.71	37.78	40.60	43.27	47.18	54.15	66.33	69.45	61.59	52.32	44.44	38.39	34.55
	1.18	0.93	0.80	0.73	0.75	0.79	1.20	1.22	1.00	1.01	1.21	1.30	1.40	1.47	1.52	1.74	1.90	2.27	2.19	1.78	1.72	1.50	1.33	1.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.48	-0.49	0.38	-0.16	-0.45	-0.56	-0.74	-0.91	-0.86	-0.95	-1.00	-0.44	0.00	0.00	0.00	0.00
SHOREHAM_IC_1 23715	33.10	30.42	28.59	27.70	28.42	29.08	38.07	42.59	41.04	36.49	35.71	38.03	39.14	43.27	44.84	48.72	55.82	68.17	70.79	62.75	53.40	45.77	39.62	35.59
	2.17	1.50	0.97	0.70	0.77	0.96	1.71	1.75	2.03	2.10	2.42	2.50	2.66	2.85	2.91	3.07	3.39	3.91	3.31	2.85	2.78	2.83	2.55	2.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.58	-0.60	0.24	-0.28	-0.56	-1.84	-0.91	-1.11	-1.05	-1.16	-1.21	-0.53	-0.02	0.00	-0.01	0.00
SHOREHAM_IC_2 23716	33.11	30.42	28.59	27.71	28.34	29.08	38.07	42.43	41.06	36.51	35.79	38.06	39.13	43.22	44.75	48.63	55.81	68.09	70.77	62.42	53.29	45.34	39.59	35.59
	2.17	1.50	0.97	0.70	0.69	0.96	1.71	1.59	2.04	2.10	2.48	2.50	2.62	2.78	2.79	2.94	3.34	3.79	3.25	2.49	2.68	2.40	2.52	2.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.61	-0.62	0.22	-0.30	-0.58	-1.87	-0.95	-1.15	-1.09	-1.20	-1.26	-0.55	0.00	0.00	-0.01	0.00
SISSONVILLE____ 23735	52.18	50.71	43.16	42.98	35.80	53.79	53.54	56.00	47.67	52.92	52.76	53.65	53.68	54.97	60.57	65.72	66.53	67.90	75.69	66.94	66.62	53.14	48.65	48.13
	0.22	0.20	0.19	0.19	0.22	0.28	0.65	0.73	0.85	0.61	0.54	0.56	0.50	0.50	0.45	0.58	0.67	1.20	1.33	1.25	0.76	0.56	0.56	0.47
	-21.03	-21.59	-15.34	-15.79	-7.94	-25.38	-16.52	-14.45	-8.40	-18.52	-18.68	-17.84	-17.25	-15.90	-19.11	-20.60	-14.48	-3.60	-8.09	-6.32	-15.25	-9.65	-11.04	-14.12
SITHE_IND_GS1 24169	30.11	28.22	26.94	26.33	26.96	27.45	35.38	16.06	14.38	11.62	-16.24	2.25	12.43	3.68	15.13	18.28	19.88	22.75	9.47	-1.62	-1.38	17.17	14.45	-0.91
	-0.83	-0.69	-0.69	-0.67	-0.69	-0.68	-0.98	-0.98	-1.00	-0.88	-0.87	-0.99	-0.97	-1.00	-1.07	-1.16	-1.28	-1.58	-1.52	-1.31	-1.07	-0.94	-0.85	-0.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.78	23.05	21.29	48.90	32.01	22.53	33.89	24.82	25.10	30.22	38.77	55.28	59.68	50.92	24.82	21.76	33.75
SITHE_IND_GS2 24170	30.11	28.22	26.94	26.33	26.96	27.45	35.38	16.06	14.38	11.62	-16.24	2.25	12.43	3.68	15.13	18.28	19.88	22.75	9.47	-1.62	-1.38	17.17	14.45	-0.91
	-0.83	-0.69	-0.69	-0.67	-0.69	-0.68	-0.98	-0.98	-1.00	-0.88	-0.87	-0.99	-0.97	-1.00	-1.07	-1.16	-1.28	-1.58	-1.52	-1.31	-1.07	-0.94	-0.85	-0.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.78	23.05	21.29	48.90	32.01	22.53	33.89	24.82	25.10	30.22	38.77	55.28	59.68	50.92	24.82	21.76	33.75
SITHE_IND_GS3 24171	30.11	28.22	26.94	26.33	26.96	27.45	35.38	16.06	14.38	11.62	-16.24	2.25	12.43	3.68	15.13	18.28	19.88	22.75	9.47	-1.62	-1.38	17.17	14.45	-0.91
	-0.83	-0.69	-0.69	-0.67	-0.69	-0.68	-0.98	-0.98	-1.00	-0.88	-0.87	-0.99	-0.97	-1.00	-1.07	-1.16	-1.28	-1.58	-1.52	-1.31	-1.07	-0.94	-0.85	-0.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.78	23.05	21.29	48.90	32.01	22.53	33.89	24.82	25.10	30.22	38.77	55.28	59.68	50.92	24.82	21.76	33.75
SITHE_IND_GS4 24172	30.11	28.22	26.94	26.33	26.96	27.45	35.38	16.06	14.38	11.62	-16.24	2.25	12.43	3.68	15.13	18.28	19.88	22.75	9.47	-1.62	-1.38	17.17	14.45	-0.91
	-0.83	-0.69	-0.69	-0.67	-0.69	-0.68	-0.98	-0.98	-1.00	-0.88	-0.87	-0.99	-0.97	-1.00	-1.07	-1.16	-1.28	-1.58	-1.52	-1.31	-1.07	-0.94	-0.85	-0.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.78	23.05	21.29	48.90	32.01	22.53	33.89	24.82	25.10	30.22	38.77	55.28	59.68	50.92	24.82	21.76	33.75

SITHE___BATAVIA 24024	31.03 0.09 0.00	29.78 0.87 0.00	28.21 0.58 0.00	27.22 0.22 0.00	27.84 0.19 0.00	28.63 0.51 0.00	36.18 -0.18 0.00	43.10 -0.33 -2.61	40.73 -0.27 -2.57	36.13 -0.03 -2.37	34.86 -0.10 -1.43	36.91 -0.42 -2.08	38.04 -0.39 -2.51	42.28 -0.08 -3.78	43.74 -0.04 -2.77	46.81 -0.53 -2.80	54.65 -0.10 -3.37	67.24 -0.19 -4.33	73.10 0.66 -6.17	66.87 0.83 -6.66	57.09 0.81 -5.68	45.92 0.22 -2.77	39.67 0.19 -2.43	37.98 0.67 -3.77
SITHE___INDEPEND 23800	30.10 -0.84 0.00	28.22 -0.69 0.00	26.94 -0.69 0.00	26.33 -0.68 0.00	26.93 -0.72 0.00	27.45 -0.68 0.00	35.38 -0.98 0.00	16.06 -0.98 23.78	14.42 -0.96 23.04	11.63 -0.88 21.28	-16.25 -0.91 48.88	2.29 -0.95 32.01	12.43 -0.97 22.52	3.69 -1.00 33.88	15.13 -1.07 24.81	18.24 -1.20 25.10	19.84 -1.34 30.21	22.76 -1.58 38.76	9.41 -1.59 55.26	-1.66 -1.37 59.67	-1.41 -1.11 50.90	17.18 -0.94 24.82	14.45 -0.85 21.75	-0.90 -0.70 33.74
SITHE___MASSENA 23902	61.48 0.06 -30.48	60.25 0.03 -31.31	49.89 0.03 -22.24	49.92 0.03 -22.89	39.18 0.03 -11.51	64.99 0.06 -36.80	64.64 0.11 -28.17	64.71 0.08 -23.81	52.25 0.31 -13.52	64.89 0.27 -30.83	64.90 0.27 -31.10	65.18 0.28 -29.65	64.83 0.29 -28.63	64.76 0.27 -25.92	72.93 0.21 -31.71	79.00 0.22 -34.24	75.22 0.21 -23.62	68.20 0.32 -4.78	78.47 0.33 -11.86	68.30 0.24 -8.69	74.73 -0.10 -24.23	58.48 -0.04 -15.59	55.19 0.07 -18.06	56.47 0.03 -22.89
SITHE___OGDNSBRG 24021	56.07 0.43 -24.70	54.68 0.40 -25.36	46.01 0.36 -18.02	45.90 0.35 -18.54	37.38 0.41 -9.32	58.42 0.48 -29.82	58.24 0.84 -21.04	59.50 0.90 -17.79	49.44 0.92 -10.10	57.40 0.57 -23.04	57.31 0.54 -23.23	57.93 0.53 -22.15	57.81 0.50 -21.39	58.44 0.50 -19.36	65.28 0.57 -23.69	70.83 0.71 -25.58	69.91 0.87 -17.65	68.19 1.51 -3.57	76.92 1.79 -8.86	67.53 1.66 -6.49	69.77 1.06 -18.10	55.40 0.82 -11.64	51.22 0.67 -13.49	51.25 0.60 -17.10
SITHE___STERLING 23777	32.91 0.68 -1.29	30.96 0.72 -1.33	29.21 0.64 -0.94	28.62 0.65 -0.97	28.85 0.72 -0.49	30.50 0.82 -1.56	38.58 1.20 -1.02	43.66 1.51 -1.33	40.15 1.23 -0.49	35.76 0.85 -1.13	33.76 0.71 0.48	36.40 0.67 -0.48	37.54 0.57 -1.05	40.25 0.73 -0.95	42.99 0.82 -1.16	46.81 1.03 -1.25	53.58 1.33 -0.86	65.16 1.89 -0.17	68.96 2.25 -0.43	61.83 2.13 -0.32	53.36 1.87 -0.88	44.97 1.46 -0.57	38.87 1.15 -0.66	35.42 1.04 -0.84
SLEIGHT__34_KV_TB1 80719	30.54 -0.40 0.00	28.86 -0.06 0.00	27.46 -0.17 0.00	26.82 -0.19 0.00	27.37 -0.28 0.00	28.01 -0.11 0.00	35.89 -0.47 0.00	42.73 -0.61 -2.52	40.25 -0.61 -2.44	35.44 -0.61 -2.26	33.71 -0.74 -0.91	36.33 -0.74 -1.82	37.63 -0.68 -2.39	41.67 -0.50 -3.59	43.24 -0.41 -2.63	46.49 -0.71 -2.66	53.92 -0.67 -3.20	66.45 -0.76 -4.11	71.66 -0.46 -5.86	65.52 -0.18 -6.33	55.85 -0.15 -5.40	45.35 -0.21 -2.63	38.99 -0.37 -2.31	36.99 -0.13 -3.58
SMITHTWN_69_KV_BK 1 55830	33.48 2.54 0.00	30.79 1.88 0.00	28.95 1.33 0.00	28.06 1.05 0.00	28.72 1.08 0.00	29.45 1.32 0.00	38.54 2.18 0.00	42.88 2.04 -0.02	41.53 2.50 -0.61	36.95 2.53 -0.62	36.23 2.92 0.22	38.55 3.00 -0.30	39.66 3.16 -0.58	43.73 3.28 -1.87	45.20 3.24 -0.95	49.17 3.47 -1.15	56.43 3.96 -1.09	68.66 4.35 -1.20	71.37 3.84 -1.26	62.89 2.97 -0.55	53.89 3.29 0.00	45.77 2.83 0.00	40.07 3.00 -0.01	35.99 2.45 0.00
SOUTH CAIRO___GT 23612	32.30 1.36 0.00	30.16 1.24 0.00	28.79 1.16 0.00	28.14 1.13 0.00	28.83 1.19 0.00	29.28 1.15 0.00	38.03 1.67 0.00	42.66 1.84 0.00	39.96 1.54 0.00	34.94 1.15 0.00	34.05 1.01 0.49	35.98 0.92 0.18	36.86 0.93 0.00	39.27 0.69 0.00	41.88 0.86 0.00	45.92 1.38 0.00	53.29 1.90 0.00	65.88 2.78 0.00	69.52 3.25 0.00	62.34 2.97 0.00	52.68 2.07 0.00	44.74 1.80 0.00	38.75 1.85 0.16	35.15 1.61 0.00
SOUTH HAMPTN___IC 23720	33.60 2.66 0.00	30.91 1.99 0.00	29.01 1.38 0.00	28.11 1.11 0.00	28.83 1.19 0.00	29.53 1.41 0.00	38.62 2.26 0.00	43.21 2.37 -0.02	41.65 2.65 -0.58	37.03 2.64 -0.60	36.28 2.98 0.24	38.71 3.17 -0.28	39.82 3.34 -0.56	44.04 3.62 -1.84	45.66 3.73 -0.91	49.61 3.96 -1.11	56.80 4.37 -1.05	69.31 5.05 -1.16	71.92 4.44 -1.21	63.76 3.86 -0.53	54.27 3.65 -0.02	46.50 3.56 0.00	40.21 3.15 -0.01	36.12 2.58 0.00
SOUTHDOWN_115KV_TB1 355954	30.97 0.03 0.00	29.75 0.84 0.00	28.15 0.52 0.00	27.41 0.41 0.00	27.95 0.30 0.00	28.94 0.82 0.00	36.47 0.11 0.00	44.40 1.67 -1.91	41.65 1.38 -1.85	36.82 1.32 -1.71	34.78 1.04 -0.20	37.61 1.16 -1.19	39.02 1.29 -1.81	43.15 1.85 -2.73	44.93 1.93 -1.99	47.76 1.20 -2.02	55.46 1.64 -2.43	68.05 1.83 -3.12	73.26 2.52 -4.47	66.44 2.26 -4.81	56.57 1.87 -4.10	46.35 1.42 -1.99	39.99 1.19 -1.74	37.74 1.51 -2.69
SOUTHOLD_69_KV_BK 2 55809	34.13 3.19 0.00	31.37 2.46 0.00	29.45 1.82 0.00	28.54 1.54 0.00	29.19 1.55 0.00	29.95 1.83 0.00	39.16 2.80 0.00	43.66 2.82 -0.02	42.22 3.19 -0.61	37.56 3.14 -0.62	36.97 3.66 0.23	39.36 3.81 -0.30	40.49 3.99 -0.58	44.80 4.36 -1.86	46.39 4.43 -0.95	50.41 4.72 -1.15	57.76 5.29 -1.09	70.36 6.06 -1.20	73.09 5.57 -1.26	64.50 4.57 -0.55	55.06 4.45 0.00	46.84 3.91 0.00	40.77 3.71 -0.01	36.69 3.15 0.00
SOUTHOLD___IC 23719	34.13 3.19 0.00	31.37 2.46 0.00	29.45 1.82 0.00	28.54 1.54 0.00	29.25 1.60 0.00	29.95 1.83 0.00	39.16 2.80 0.00	43.82 2.98 -0.02	42.23 3.23 -0.58	37.54 3.14 -0.60	36.85 3.55 0.24	39.37 3.84 -0.28	40.50 4.02 -0.56	44.81 4.40 -1.84	46.48 4.55 -0.91	50.46 4.81 -1.11	57.77 5.34 -1.05	70.45 6.19 -1.16	73.11 5.63 -1.21	64.83 4.93 -0.53	55.18 4.56 -0.02	47.23 4.29 0.00	40.81 3.74 -0.01	36.69 3.15 0.00
SOUTH_FORK_WT_PWR 323839	34.16 3.22 0.00	31.43 2.51 0.00	29.48 1.85 0.00	28.57 1.57 0.00	29.28 1.63 0.00	29.98 1.86 0.00	39.16 2.80 0.00	43.82 2.98 -0.02	42.19 3.19 -0.58	37.50 3.11 -0.60	36.85 3.55 0.24	39.37 3.84 -0.28	40.54 4.06 -0.56	44.85 4.43 -1.84	46.52 4.59 -0.91	50.46 4.81 -1.11	57.72 5.29 -1.05	70.32 6.06 -1.16	72.98 5.50 -1.21	64.71 4.81 -0.53	55.12 4.50 -0.02	47.23 4.29 0.00	40.81 3.74 -0.01	36.73 3.19 0.00
SPIERFLS_115KV_TB 1 80737	33.38 2.44 0.00	31.32 2.40 0.00	29.89 2.27 0.00	29.17 2.16 0.00	29.94 2.29 0.00	30.54 2.42 0.00	39.42 3.05 0.00	44.17 3.35 0.00	40.28 2.46 0.61	35.06 1.89 0.62	34.33 1.58 0.78	36.10 1.52 0.67	36.79 1.44 0.57	39.60 1.74 0.71	40.65 0.57 0.94	44.24 0.85 1.14	51.89 1.59 1.09	64.29 2.40 1.20	67.93 2.92 1.26	61.56 2.73 0.55	53.08 2.48 0.00	45.04 2.10 0.00	40.38 2.93 -0.40	36.29 2.75 0.00
ST LAWRENCE____ 23600	28.46 -0.25 2.23	26.36 -0.26 2.29	25.68 -0.25 1.70	25.02 -0.24 1.75	26.51 -0.25 0.88	25.18 -0.25 2.70	34.26 -0.29 1.81	38.90 -0.33 1.59	37.34 -0.11 0.97	31.71 -0.10 1.98	31.44 -0.10 2.00	33.24 -0.11 1.91	33.98 -0.11 1.84	36.69 -0.15 1.73	38.73 -0.24 2.04	42.07 -0.27 2.20	49.45 -0.36 1.58	62.38 -0.38 0.35	65.01 -0.40 0.86	58.33 -0.41 0.63	48.38 -0.60 1.62	41.42 -0.47 1.04	35.52 -0.33 1.21	31.71 -0.30 1.53

STATE_CA_115KV_115_LB 55624	31.47 0.53 0.00	29.38 0.46 0.00	28.12 0.50 0.00	27.52 0.51 0.00	28.17 0.53 0.00	28.63 0.51 0.00	37.02 0.65 0.00	41.55 0.73 0.00	38.42 0.46 0.47	33.75 0.44 0.48	33.26 0.44 0.71	35.08 0.39 0.56	35.84 0.36 0.44	38.37 0.35 0.55	40.66 0.37 0.72	44.15 0.49 0.88	51.06 0.51 0.84	62.74 0.57 0.93	65.83 0.53 0.97	59.37 0.42 0.42	51.16 0.56 0.00	43.41 0.47 0.00	37.17 0.44 0.33	34.01 0.47 0.00
STATE_ST_34_KV_LOAD 55959	31.38 0.03 -0.41	29.48 0.14 -0.42	28.01 0.08 -0.30	27.42 0.11 -0.31	27.86 0.06 -0.15	28.76 0.14 -0.49	36.47 0.11 0.00	42.37 0.24 -1.31	39.88 0.19 -1.27	35.00 0.03 -1.17	31.80 -0.07 1.67	35.30 -0.11 -0.15	37.13 -0.04 -1.24	40.52 0.08 -1.87	42.55 0.16 -1.37	46.01 0.09 -1.38	53.36 0.31 -1.66	65.74 0.50 -2.13	70.11 0.80 -3.04	63.55 0.89 -3.29	54.17 0.76 -2.80	44.90 0.60 -1.37	38.63 0.37 -1.20	35.87 0.47 -1.86
STATION_5_MISC_HYD 23604	30.66 -0.28 0.00	29.15 0.23 0.00	27.68 0.06 0.00	26.98 -0.03 0.00	27.59 -0.06 0.00	28.24 0.11 0.00	35.96 -0.40 0.00	42.85 -0.90 -2.93	40.28 -1.00 -2.86	35.69 -0.74 -2.64	34.71 -0.74 -1.91	36.74 -0.95 -2.44	37.78 -0.93 -2.80	42.01 -0.77 -4.21	43.31 -0.78 -3.08	46.50 -1.16 -3.12	54.11 -1.03 -3.75	66.58 -1.33 -4.81	72.20 -0.93 -6.86	66.07 -0.71 -7.40	56.46 -0.46 -6.32	45.33 -0.69 -3.08	39.13 -0.63 -2.70	37.46 -0.27 -4.19
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.72 -0.22 0.00	29.06 0.14 0.00	27.63 0.00 0.00	26.98 -0.03 0.00	27.56 -0.08 0.00	28.21 0.08 0.00	36.11 -0.25 0.00	43.74 0.49 -2.43	41.20 0.42 -2.35	36.27 0.30 -2.17	34.37 0.17 -0.67	37.17 0.25 -1.67	38.51 0.29 -2.30	42.53 0.50 -3.46	44.24 0.70 -2.53	47.63 0.53 -2.56	55.24 0.77 -3.08	68.13 1.07 -3.95	73.36 1.46 -5.64	67.12 1.66 -6.09	57.26 1.47 -5.19	46.46 0.99 -2.53	39.87 0.59 -2.22	37.65 0.67 -3.44
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.51 -0.43 0.00	28.94 0.03 0.00	27.52 -0.11 0.00	26.82 -0.19 0.00	27.40 -0.25 0.00	28.07 -0.06 0.00	35.74 -0.62 0.00	42.59 -1.18 -2.95	40.13 -1.15 -2.86	35.49 -0.95 -2.64	34.37 -1.07 -1.90	36.59 -1.09 -2.44	37.68 -1.04 -2.80	41.86 -0.93 -4.21	43.19 -0.90 -3.08	46.32 -1.34 -3.12	53.70 -1.44 -3.75	66.27 -1.64 -4.81	71.67 -1.46 -6.86	65.77 -1.01 -7.41	56.17 -0.76 -6.32	45.20 -0.82 -3.08	38.91 -0.85 -2.70	37.26 -0.47 -4.19
STA_56___34_KV_BUS2 355983	30.51 -0.43 0.00	28.94 0.03 0.00	27.52 -0.11 0.00	26.82 -0.19 0.00	27.40 -0.25 0.00	28.07 -0.06 0.00	35.74 -0.62 0.00	42.59 -1.18 -2.95	40.13 -1.15 -2.86	35.49 -0.95 -2.64	34.37 -1.07 -1.90	36.59 -1.09 -2.44	37.68 -1.04 -2.80	41.86 -0.93 -4.21	43.19 -0.90 -3.08	46.32 -1.34 -3.12	53.70 -1.44 -3.75	66.27 -1.64 -4.81	71.67 -1.46 -6.86	65.77 -1.01 -7.41	56.17 -0.76 -6.32	45.20 -0.82 -3.08	38.91 -0.85 -2.70	37.26 -0.47 -4.19
STA_67___115KV_BK2 355882	30.60 -0.34 0.00	29.09 0.17 0.00	27.63 0.00 0.00	26.92 -0.08 0.00	27.48 -0.17 0.00	28.21 0.08 0.00	35.82 -0.55 0.00	42.65 -1.10 -2.94	40.19 -1.08 -2.85	35.54 -0.88 -2.63	34.38 -1.04 -1.89	36.61 -1.06 -2.42	37.70 -1.01 -2.78	41.91 -0.85 -4.19	43.26 -0.82 -3.07	46.35 -1.29 -3.10	53.73 -1.39 -3.73	66.31 -1.58 -4.79	71.77 -1.33 -6.82	65.85 -0.89 -7.37	56.23 -0.66 -6.29	45.27 -0.73 -3.07	39.00 -0.74 -2.69	37.34 -0.37 -4.17
STA_7___115KV_9TRANS 80674	30.82 -0.12 0.00	29.26 0.35 0.00	27.79 0.17 0.00	27.09 0.08 0.00	27.65 0.00 0.00	28.35 0.23 0.00	36.07 -0.29 0.00	43.06 -0.69 -2.94	40.57 -0.69 -2.84	35.88 -0.54 -2.63	34.71 -0.70 -1.88	37.00 -0.67 -2.42	38.09 -0.61 -2.78	42.33 -0.42 -4.18	43.75 -0.33 -3.06	46.88 -0.76 -3.10	54.34 -0.77 -3.73	66.94 -0.95 -4.78	72.42 -0.66 -6.82	66.50 -0.24 -7.36	56.83 -0.05 -6.28	45.79 -0.21 -3.06	39.41 -0.33 -2.69	37.67 -0.03 -4.17
STA_82___115KV_TB1 80780	30.63 -0.31 0.00	29.09 0.17 0.00	27.63 0.00 0.00	26.92 -0.08 0.00	27.51 -0.14 0.00	28.21 0.08 0.00	35.85 -0.51 0.00	42.63 -1.10 -2.91	40.21 -1.04 -2.82	35.52 -0.88 -2.61	34.37 -1.01 -1.84	36.61 -1.02 -2.39	37.71 -0.97 -2.76	41.91 -0.81 -4.15	43.23 -0.82 -3.04	46.32 -1.29 -3.07	53.75 -1.34 -3.70	66.33 -1.51 -4.75	71.77 -1.26 -6.76	65.85 -0.83 -7.31	56.23 -0.61 -6.23	45.25 -0.73 -3.04	39.02 -0.70 -2.66	37.34 -0.34 -4.14
STEEL___WIND 323596	30.44 -0.50 0.00	29.23 0.32 0.00	27.68 0.06 0.00	26.90 -0.11 0.00	27.45 -0.19 0.00	28.30 0.17 0.00	35.53 -0.83 0.00	42.60 -0.41 -2.19	39.96 -0.62 -2.16	35.51 -0.27 -1.99	33.98 -0.30 -0.74	36.12 -0.70 -1.58	37.42 -0.61 -2.11	41.49 -0.27 -3.18	42.97 -0.37 -2.33	45.87 -1.02 -2.35	53.61 -0.61 -2.84	65.72 -1.01 -3.64	71.28 -0.20 -5.21	64.75 -0.24 -5.61	55.18 -0.20 -4.78	44.75 -0.51 -2.33	38.84 -0.26 -2.04	37.12 0.43 -3.14
STEPHTWN_115KV_BK_2 55603	31.62 0.68 0.00	29.49 0.58 0.00	28.24 0.61 0.00	27.63 0.62 0.00	28.28 0.64 0.00	28.77 0.65 0.00	37.23 0.87 0.00	41.76 0.94 0.45	38.62 0.65 0.47	33.90 0.57 0.70	33.37 0.54 0.70	35.23 0.53 0.55	35.96 0.47 0.43	38.46 0.42 0.53	40.76 0.45 0.70	44.35 0.67 0.86	51.34 0.77 0.81	63.14 0.95 0.90	66.32 0.99 0.94	59.79 0.83 0.41	51.46 0.86 0.00	43.67 0.73 0.00	37.30 0.63 0.39	34.21 0.67 0.00
STEUBEN_REC_LFGE 323667	31.22 0.28 0.00	29.67 0.75 0.00	28.15 0.52 0.00	27.49 0.49 0.00	28.01 0.36 0.00	28.83 0.70 0.00	36.69 0.33 0.00	42.55 1.02 -0.71	39.64 0.54 -0.68	34.73 0.30 -0.63	31.56 -0.03 1.94	34.81 -0.14 0.30	36.66 0.07 -0.67	39.97 0.39 -1.01	42.24 0.49 -0.74	45.42 0.13 -0.75	52.85 0.57 -0.90	65.20 0.95 -1.15	69.71 1.79 -1.65	62.99 1.84 -1.78	53.59 1.47 -1.52	44.83 1.16 -0.74	38.59 0.89 -0.65	35.81 1.27 -1.00
STILLWATER___SOLAR 323814	32.76 1.82 0.00	30.65 1.73 0.00	29.26 1.63 0.00	28.57 1.57 0.00	29.33 1.69 0.00	29.84 1.72 0.00	38.65 2.29 0.00	43.27 2.45 0.00	39.62 1.81 0.60	34.52 1.35 0.62	33.90 1.14 0.78	35.74 1.16 0.67	36.47 1.11 0.57	38.71 0.85 0.71	41.06 0.98 0.93	44.69 1.29 1.14	52.15 1.85 1.08	64.48 2.59 1.20	67.92 2.91 1.26	61.56 2.73 0.55	53.11 2.53 0.02	44.96 2.02 0.00	39.20 1.71 -0.44	35.49 1.94 0.00
STONY___BROOK 24151	33.48 2.54 0.00	30.79 1.88 0.00	28.95 1.33 0.00	28.06 1.05 0.00	28.78 1.13 0.00	29.45 1.32 0.00	38.54 2.18 0.00	43.08 2.24 -0.02	41.54 2.54 -0.58	36.93 2.54 -0.60	36.14 2.85 0.24	38.53 2.99 -0.28	39.64 3.16 -0.56	43.74 3.32 -1.84	45.33 3.40 -0.91	49.25 3.61 -1.11	56.44 4.01 -1.05	68.61 4.35 -1.16	71.25 3.78 -1.21	63.29 3.38 -0.53	54.01 3.39 -0.02	46.24 3.31 0.00	40.11 3.04 -0.01	36.02 2.48 0.00
STURGEON_POOL_HYD 23609	32.58 1.64 0.00	30.25 1.33 0.00	28.73 1.11 0.00	28.00 1.00 0.00	28.70 1.05 0.00	29.19 1.07 0.00	38.00 1.64 0.00	42.45 1.63 0.00	40.29 1.58 -0.30	35.65 1.55 -0.30	34.92 1.78 0.40	37.19 1.90 -0.04	38.21 2.01 -0.28	41.04 2.12 -0.35	43.69 2.21 -0.46	47.59 2.49 -0.56	54.69 2.77 -0.53	66.97 3.28 -0.59	70.00 3.11 -0.61	62.26 2.61 -0.27	52.88 2.28 0.00	44.87 1.93 0.00	38.95 1.89 0.00	34.82 1.27 0.00

ST_LAW_115_BK7_LBMP 345037	27.53 -0.28 3.13	25.44 -0.26 3.22	25.09 -0.25 2.29	24.41 -0.24 2.35	26.21 -0.25 1.18	24.09 -0.25 3.78	33.55 -0.29 2.52	38.32 -0.37 2.13	37.10 -0.11 1.21	30.93 -0.10 2.76	30.65 -0.10 2.78	32.49 -0.11 2.65	33.26 -0.11 2.56	36.10 -0.15 2.32	37.93 -0.24 2.84	41.21 -0.27 3.06	48.91 -0.36 2.11	62.30 -0.38 0.43	64.81 -0.40 1.06	58.18 -0.41 0.78	47.83 -0.60 2.17	41.07 -0.47 1.39	35.11 -0.33 1.62	31.19 -0.30 2.05
ST_LAW_115_BK8_LBMP 345038	27.53 -0.28 3.13	25.44 -0.26 3.22	25.09 -0.25 2.29	24.41 -0.24 2.35	26.21 -0.25 1.18	24.09 -0.25 3.78	33.55 -0.29 2.52	38.32 -0.37 2.13	37.10 -0.11 1.21	30.93 -0.10 2.76	30.65 -0.10 2.78	32.49 -0.11 2.65	33.26 -0.11 2.56	36.10 -0.15 2.32	37.93 -0.24 2.84	41.21 -0.27 3.06	48.91 -0.36 2.11	62.30 -0.38 0.43	64.81 -0.40 1.06	58.18 -0.41 0.78	47.83 -0.60 2.17	41.07 -0.47 1.39	35.11 -0.33 1.62	31.19 -0.30 2.05
ST_LAW_230_BK5_LBMP 345035	28.88 -0.25 1.81	26.80 -0.26 1.86	26.06 -0.25 1.32	25.40 -0.24 1.36	26.71 -0.25 0.68	25.69 -0.25 2.18	34.59 -0.29 1.48	39.24 -0.33 1.25	37.60 -0.11 0.71	32.07 -0.10 1.62	31.80 -0.10 1.63	33.59 -0.11 1.56	34.31 -0.11 1.50	37.06 -0.15 1.36	39.11 -0.24 1.66	42.48 -0.27 1.80	49.79 -0.36 1.24	62.47 -0.38 0.25	65.25 -0.40 0.62	58.51 -0.41 0.46	48.73 -0.60 1.27	41.65 -0.47 0.82	35.78 -0.33 0.95	32.04 -0.30 1.20
ST_LAW_230_BK6_LBMP 345036	28.88 -0.25 1.81	26.80 -0.26 1.86	26.06 -0.25 1.32	25.40 -0.24 1.36	26.71 -0.25 0.68	25.69 -0.25 2.18	34.59 -0.29 1.48	39.24 -0.33 1.25	37.60 -0.11 0.71	32.07 -0.10 1.62	31.80 -0.10 1.63	33.59 -0.11 1.56	34.31 -0.11 1.50	37.06 -0.15 1.36	39.11 -0.24 1.66	42.48 -0.27 1.80	49.79 -0.36 1.24	62.47 -0.38 0.25	65.25 -0.40 0.62	58.51 -0.41 0.46	48.73 -0.60 1.27	41.65 -0.47 0.82	35.78 -0.33 0.95	32.04 -0.30 1.20
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.24 1.30 0.00	29.96 1.04 0.00	28.51 0.88 0.00	27.79 0.78 0.00	28.48 0.83 0.00	29.00 0.87 0.00	37.71 1.35 0.00	42.21 1.39 0.00	40.08 1.15 -0.51	35.49 1.18 -0.52	34.60 1.41 0.35	36.99 1.55 -0.19	38.09 1.69 -0.48	40.90 1.74 -0.59	43.60 1.80 -0.78	47.50 2.00 -0.95	54.50 2.21 -0.91	66.69 2.59 -1.00	69.77 2.45 -1.05	61.85 2.02 -0.46	52.58 1.97 0.00	44.61 1.67 0.00	38.58 1.52 0.00	34.65 1.11 0.00
SWANROAD_115KV_TB1 355699	30.26 -0.68 0.00	29.15 0.23 0.00	27.13 -0.50 0.00	26.38 -0.62 0.00	26.87 -0.77 0.00	27.76 -0.37 0.00	34.76 -1.60 0.00	41.22 -2.04 -2.44	38.90 -1.88 -2.37	34.52 -1.45 -2.18	32.92 -1.71 -1.09	35.22 -1.87 -1.84	36.44 -1.80 -2.31	40.51 -1.54 -3.48	41.88 -1.68 -2.55	44.44 -2.67 -2.58	51.61 -2.88 -3.11	63.67 -3.41 -3.98	68.82 -3.11 -5.66	63.13 -2.37 -6.13	53.80 -2.02 -5.22	43.68 -1.80 -2.55	37.84 -1.45 -2.23	36.61 -0.40 -3.48
SYNERGY___BIOGAS 323694	31.03 0.09 0.00	29.78 0.87 0.00	27.99 0.36 0.00	27.22 0.22 0.00	27.78 0.14 0.00	28.63 0.51 0.00	36.11 -0.25 0.00	42.90 -0.53 -2.61	40.72 -0.23 -2.53	35.96 -0.17 -2.34	34.46 -0.44 -1.36	36.82 -0.46 -2.03	38.04 -0.36 -2.47	42.22 -0.08 -3.72	43.78 0.04 -2.73	46.72 -0.58 -2.76	54.29 -0.41 -3.32	67.10 -0.25 -4.26	72.67 0.33 -6.07	66.70 0.77 -6.56	56.90 0.71 -5.59	46.01 0.34 -2.73	39.63 0.19 -2.39	37.92 0.67 -3.71
SYRACUSE___ENERGY_ST1 323597	31.29 -0.15 -0.51	29.35 -0.09 -0.52	27.89 -0.11 -0.37	27.33 -0.05 -0.38	27.73 -0.11 -0.19	28.66 -0.08 -0.61	36.58 -0.18 -0.40	42.84 -0.04 -2.06	40.17 -0.12 -1.86	35.61 -0.17 -1.98	32.64 -0.23 0.66	35.99 -0.28 -1.03	37.71 -0.25 -2.04	41.20 -0.19 -2.82	43.14 -0.12 -2.25	46.62 -0.22 -2.31	53.75 -0.15 -2.52	65.77 -0.19 -2.86	70.43 0.00 -4.16	63.92 0.12 -4.43	54.78 0.15 -4.02	45.08 0.13 -2.02	38.89 0.00 -1.83	36.41 0.10 -2.77
SYRACUSE___ENERGY_ST2 323598	31.29 -0.15 -0.51	29.35 -0.09 -0.52	27.89 -0.11 -0.37	27.33 -0.05 -0.38	27.73 -0.11 -0.19	28.66 -0.08 -0.61	36.58 -0.18 -0.40	42.84 -0.04 -2.06	40.17 -0.12 -1.86	35.61 -0.17 -1.98	32.64 -0.23 0.66	35.99 -0.28 -1.03	37.71 -0.25 -2.04	41.20 -0.19 -2.82	43.14 -0.12 -2.25	46.62 -0.22 -2.31	53.75 -0.15 -2.52	65.77 -0.19 -2.86	70.43 0.00 -4.16	63.92 0.12 -4.43	54.78 0.15 -4.02	45.08 0.13 -2.02	38.89 0.00 -1.83	36.41 0.10 -2.77
SYRACUSE___POWER 24017	31.24 -0.25 -0.55	29.31 -0.17 -0.57	27.84 -0.19 -0.40	27.26 -0.16 -0.41	27.63 -0.22 -0.21	28.62 -0.17 -0.67	36.51 -0.29 -0.44	41.57 -0.20 -0.95	38.96 -0.23 -0.77	34.52 -0.27 -1.00	30.66 -0.34 2.54	34.58 -0.35 0.31	36.56 -0.36 -1.00	39.46 -0.35 -1.23	41.79 -0.33 -1.10	45.29 -0.40 -1.15	52.13 -0.36 -1.10	63.67 -0.44 -1.01	67.53 -0.27 -1.52	60.84 -0.12 -1.58	52.12 -0.10 -1.61	43.70 -0.09 -0.85	37.68 -0.19 -0.81	34.65 -0.07 -1.18
TALLMAN_138KV_BK151 55660	32.42 1.49 0.00	30.07 1.16 0.00	28.62 0.99 0.00	27.87 0.86 0.00	28.56 0.91 0.00	29.11 0.98 0.00	37.89 1.53 0.00	42.41 1.59 0.00	40.34 1.38 -0.54	35.77 1.42 -0.55	34.90 1.68 0.31	37.34 1.87 -0.22	38.44 2.01 -0.51	41.33 2.12 -0.63	44.02 2.17 -0.83	47.96 2.41 -1.02	54.97 2.62 -0.97	67.26 3.09 -1.07	70.30 2.92 -1.12	62.24 2.37 -0.49	52.88 2.28 0.00	44.87 1.93 0.00	38.84 1.78 0.00	34.82 1.27 0.00
TEALLAVE_115KV_TB7 355573	31.29 -0.28 -0.63	29.36 -0.20 -0.64	27.86 -0.22 -0.46	27.29 -0.19 -0.47	27.63 -0.25 -0.24	28.69 -0.20 -0.76	36.53 -0.33 -0.50	41.90 -0.20 -1.28	39.30 -0.19 -1.07	34.88 -0.24 -1.32	31.50 -0.30 1.73	35.09 -0.35 -0.19	36.89 -0.36 -1.32	39.91 -0.35 -1.69	42.15 -0.33 -1.46	45.61 -0.45 -1.52	52.49 -0.41 -1.51	64.08 -0.50 -1.48	68.07 -0.40 -2.20	61.44 -0.24 -2.30	52.72 -0.15 -2.27	43.98 -0.13 -1.17	37.94 -0.22 -1.11	35.07 -0.10 -1.63
TELGRAPH_34_KV_EAST 80808	30.66 -0.28 0.00	29.46 0.55 0.00	27.66 0.03 0.00	26.90 -0.11 0.00	27.40 -0.25 0.00	28.27 0.14 0.00	35.53 -0.84 0.00	42.18 -1.18 -2.54	39.88 -1.00 -2.46	35.32 -0.74 -2.27	33.77 -1.01 -1.24	36.14 -1.06 -1.95	37.36 -0.97 -2.40	41.50 -0.69 -3.62	42.97 -0.70 -2.65	45.75 -1.47 -2.68	53.12 -1.49 -3.23	65.60 -1.64 -4.14	70.92 -1.26 -5.91	64.98 -0.77 -6.38	55.44 -0.61 -5.44	44.90 -0.69 -2.65	38.79 -0.59 -2.32	37.25 0.10 -3.61
TEMPLE___115KV_TB 2 55572	31.27 -0.28 -0.61	29.37 -0.17 -0.63	27.85 -0.22 -0.45	27.27 -0.19 -0.46	27.66 -0.22 -0.23	28.69 -0.17 -0.74	36.52 -0.33 -0.48	41.69 -0.20 -1.07	39.10 -0.19 -0.87	34.68 -0.24 -1.13	31.08 -0.30 2.16	34.80 -0.35 0.09	36.69 -0.36 -1.12	39.62 -0.35 -1.39	41.93 -0.33 -1.24	45.38 -0.45 -1.29	52.22 -0.41 -1.25	63.75 -0.50 -1.15	67.60 -0.40 -1.73	60.93 -0.24 -1.80	52.28 -0.15 -1.83	43.76 -0.13 -0.96	37.75 -0.22 -0.92	34.77 -0.10 -1.33
TIANA___69_KV_BK 1 55817	33.51 2.57 0.00	30.79 1.88 0.00	28.93 1.30 0.00	28.03 1.03 0.00	28.70 1.05 0.00	29.45 1.32 0.00	38.51 2.15 0.00	42.96 2.12 -0.02	41.53 2.50 -0.61	36.95 2.53 -0.62	36.26 2.95 0.23	38.55 3.00 -0.30	39.66 3.16 -0.58	43.83 3.39 -1.86	45.41 3.45 -0.95	49.34 3.65 -1.15	56.58 4.11 -1.09	68.97 4.67 -1.20	71.70 4.17 -1.26	63.19 3.27 -0.55	53.99 3.39 0.00	45.94 3.01 0.00	40.07 3.00 -0.01	36.02 2.48 0.00

TILDEN___115KV_TB1 80814	31.24 -0.25 -0.55	29.31 -0.17 -0.57	27.84 -0.19 -0.40	27.26 -0.16 -0.41	27.63 -0.22 -0.21	28.62 -0.17 -0.67	36.51 -0.29 -0.44	41.57 -0.20 -0.95	38.96 -0.23 -0.77	34.52 -0.27 -1.00	30.66 -0.34 2.54	34.58 -0.35 0.31	36.56 -0.36 -1.00	39.46 -0.35 -1.23	41.79 -0.33 -1.10	45.29 -0.40 -1.15	52.13 -0.36 -1.10	63.67 -0.44 -1.01	67.53 -0.27 -1.52	60.84 -0.12 -1.58	52.12 -0.10 -1.61	43.70 -0.09 -0.85	37.68 -0.19 -0.81	34.65 -0.07 -1.18
TRIGEN___CC 323695	33.17 2.23 0.00	30.59 1.68 0.00	28.87 1.24 0.00	28.03 1.03 0.00	28.70 1.05 0.00	29.39 1.27 0.00	38.33 1.96 0.00	42.68 1.84 -0.02	41.14 2.11 -0.61	36.61 2.20 -0.62	35.77 2.45 0.22	38.17 2.61 -0.31	39.21 2.69 -0.59	44.13 2.78 -2.78	44.76 2.79 -0.95	48.73 3.03 -1.16	55.96 3.49 -1.09	68.28 3.98 -1.20	71.11 3.58 -1.26	62.77 2.85 -0.55	53.44 2.83 0.00	45.38 2.45 0.00	39.67 2.59 -0.02	35.59 2.05 0.00
TRINITY__115KV__4 BK 55933	31.40 0.46 0.00	29.29 0.38 0.00	28.04 0.41 0.00	27.44 0.43 0.00	28.09 0.44 0.00	28.55 0.42 0.00	36.91 0.55 0.00	41.43 0.61 0.00	38.35 0.38 0.46	33.66 0.34 0.47	33.20 0.37 0.70	35.05 0.35 0.55	35.78 0.29 0.43	38.31 0.27 0.54	40.56 0.25 0.70	44.03 0.36 0.86	50.93 0.36 0.82	62.57 0.38 0.91	65.59 0.27 0.95	59.14 0.18 0.41	50.96 0.35 0.00	43.28 0.34 0.00	37.01 0.33 0.38	33.91 0.37 0.00
UNION___PROCESSING_DRP 323587	30.63 -0.31 0.00	29.12 0.20 0.00	27.66 0.03 0.00	26.92 -0.08 0.00	27.51 -0.14 0.00	28.21 0.08 0.00	35.85 -0.51 0.00	42.66 -1.06 -2.91	40.20 -1.04 -2.82	35.51 -0.88 -2.60	34.35 -1.01 -1.82	36.60 -1.02 -2.38	37.71 -0.97 -2.75	41.90 -0.81 -4.14	43.27 -0.78 -3.03	46.36 -1.25 -3.07	53.74 -1.34 -3.69	66.32 -1.51 -4.74	71.76 -1.26 -6.75	65.83 -0.83 -7.29	56.22 -0.61 -6.22	45.28 -0.69 -3.03	39.01 -0.70 -2.66	37.33 -0.34 -4.13
UPPER HUDSON___HYD 24058	33.38 2.44 0.00	31.31 2.40 0.00	29.89 2.27 0.00	29.17 2.16 0.00	29.97 2.32 0.00	30.55 2.42 0.00	39.45 3.09 0.00	44.17 3.35 0.00	40.34 2.50 0.58	35.08 1.89 0.60	34.31 1.54 0.77	36.15 1.55 0.65	36.81 1.44 0.55	38.31 0.43 0.69	40.65 0.53 0.90	44.33 0.89 1.10	51.93 1.59 1.04	64.40 2.46 1.16	67.97 2.91 1.21	61.70 2.85 0.53	53.11 2.53 0.02	44.91 1.98 0.00	39.12 1.67 -0.40	36.29 2.75 0.00
UPPER RAQUET___HYD 24056	52.18 0.22 -21.03	50.71 0.20 -21.59	43.16 0.19 -15.34	42.98 0.19 -15.79	35.80 0.22 -7.94	53.79 0.28 -25.38	53.57 0.69 -16.52	56.04 0.77 -14.45	47.70 0.88 -8.40	52.92 0.61 -18.52	52.75 0.53 -18.68	53.65 0.56 -17.84	53.67 0.50 -17.25	54.96 0.41 -15.89	60.41 0.29 -19.10	65.49 0.35 -20.59	66.26 0.41 -14.47	67.51 0.82 -3.59	75.35 1.00 -8.08	66.63 0.95 -6.31	66.30 0.45 -15.24	52.97 0.39 -9.65	48.65 0.56 -11.03	48.12 0.47 -14.11
VALLEY44_115KV_TB2 355964	29.95 -0.99 0.00	28.71 -0.20 0.00	27.16 -0.47 0.00	26.46 -0.54 0.00	26.95 -0.69 0.00	27.84 -0.28 0.00	35.13 -1.24 0.00	43.33 0.65 -1.85	40.72 0.50 -1.80	36.02 0.57 -1.66	34.01 0.37 -0.11	36.76 0.39 -1.13	38.22 0.54 -1.75	42.15 0.93 -2.65	43.93 0.98 -1.93	46.76 0.27 -1.96	54.26 0.51 -2.36	66.88 0.76 -3.03	71.87 1.26 -4.34	65.35 1.31 -4.67	55.75 1.16 -3.98	45.90 1.03 -1.94	39.64 0.89 -1.69	37.43 1.27 -2.62
VALLEY___115KV_TB 1-4 80826	31.70 0.28 -0.48	29.70 0.29 -0.50	28.26 0.28 -0.35	27.64 0.27 -0.36	28.13 0.30 -0.18	29.05 0.34 -0.59	37.27 0.51 -0.40	41.77 0.61 -0.34	39.07 0.46 -0.19	34.56 0.34 -0.43	34.28 0.30 -0.44	35.98 0.32 -0.42	36.58 0.25 -0.40	39.29 0.35 -0.37	41.79 0.33 -0.45	45.47 0.45 -0.48	52.23 0.51 -0.33	63.86 0.69 -0.07	67.16 0.73 -0.17	60.15 0.65 -0.12	51.60 0.66 -0.34	43.76 0.60 -0.22	37.79 0.48 -0.25	34.30 0.44 -0.32
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.12 1.18 0.00	30.04 1.13 0.00	28.73 1.11 0.00	28.11 1.11 0.00	28.86 1.22 0.00	29.31 1.18 0.00	37.93 1.56 0.00	42.07 1.71 0.46	39.40 1.42 0.45	34.49 1.12 0.41	32.23 1.01 2.31	35.22 1.09 1.12	36.45 0.97 0.44	39.07 1.16 0.66	41.76 1.23 0.48	45.52 1.47 0.49	52.60 1.80 0.59	64.74 2.40 0.75	67.85 2.65 1.07	60.65 2.43 1.16	51.94 2.33 0.99	44.39 1.93 0.48	38.23 1.59 0.42	34.26 1.38 0.66
VISCHER___FERRY HYD 24020	32.18 1.24 0.00	30.01 1.10 0.00	28.68 1.05 0.00	28.03 1.03 0.00	28.75 1.11 0.00	29.22 1.10 0.00	37.89 1.53 0.00	42.41 1.59 0.00	38.93 1.23 0.72	34.06 1.01 0.74	33.60 0.91 0.84	35.47 0.99 0.77	36.21 0.97 0.68	38.69 0.96 0.85	40.96 1.06 1.11	44.42 1.25 1.36	51.63 1.54 1.29	63.68 2.02 1.43	66.83 2.06 1.50	60.56 1.84 0.65	52.35 1.77 0.02	44.44 1.50 0.00	39.08 1.26 -0.77	34.75 1.21 0.00
V_A_10_SYNC_DSASP 323832	30.20 -0.74 0.00	28.92 0.00 0.00	27.43 -0.19 0.00	26.71 -0.30 0.00	27.20 -0.44 0.00	28.01 -0.11 0.00	35.16 -1.20 0.00	41.38 -2.16 -2.72	39.03 -2.04 -2.64	34.61 -1.62 -2.44	33.29 -1.81 -1.56	35.49 -1.94 -2.18	36.64 -1.87 -2.58	40.72 -1.74 -3.88	42.01 -1.85 -2.84	44.79 -2.63 -2.87	52.02 -2.83 -3.46	64.13 -3.41 -4.44	69.41 -3.18 -6.32	63.65 -2.55 -6.83	54.30 -2.13 -5.83	43.93 -1.85 -2.84	37.96 -1.59 -2.49	36.57 -0.84 -3.87
V_CMM_10_SYNC_DSASP 323787	27.65 -0.15 3.13	25.55 -0.14 3.22	25.20 -0.14 2.29	24.52 -0.14 2.35	26.32 -0.14 1.18	24.20 -0.14 3.78	33.70 -0.15 2.52	38.49 -0.20 2.13	37.25 0.04 1.21	31.07 0.03 2.76	30.79 0.03 2.78	32.63 0.04 2.65	33.40 0.04 2.56	36.26 0.00 2.32	38.22 0.04 2.84	41.52 0.04 3.06	49.27 0.00 2.11	62.80 0.13 0.43	65.27 0.07 1.06	58.66 0.06 0.78	48.18 -0.25 2.17	41.33 -0.21 1.39	35.26 -0.19 1.62	31.33 -0.17 2.05
V_CMP_10_SYNC_DSASP 323788	33.78 1.18 -1.66	31.69 1.07 -1.71	29.83 0.99 -1.21	29.22 0.97 -1.25	29.24 0.97 -0.63	31.23 1.10 -2.00	39.18 1.56 -1.26	43.56 1.67 -1.06	41.02 2.00 -0.60	36.92 1.76 -1.38	36.67 1.74 -1.39	38.37 1.80 -1.32	39.00 1.80 -1.28	41.58 1.85 -1.16	43.46 1.03 -1.42	46.78 0.71 -1.53	53.26 0.82 -1.05	64.64 1.33 -0.21	68.05 1.26 -0.53	60.83 1.07 -0.39	52.14 0.45 -1.08	44.45 0.81 -0.70	39.42 1.56 -0.81	35.94 1.38 -1.02
V_D_10_SYNC_DSASP 323841	61.62 0.06 -30.62	60.39 0.03 -31.45	49.99 0.03 -22.34	50.02 0.03 -22.99	39.23 0.03 -11.56	65.15 0.06 -36.97	64.75 0.11 -28.28	64.80 0.08 -23.90	52.30 0.31 -13.57	65.01 0.27 -30.95	65.02 0.27 -31.22	65.30 0.28 -29.77	64.94 0.29 -28.74	64.86 0.27 -26.02	73.05 0.21 -31.83	79.14 0.22 -34.37	75.31 0.21 -23.71	68.22 0.32 -4.80	78.51 0.33 -11.91	68.34 0.24 -8.72	74.82 -0.10 -24.32	58.54 -0.04 -15.64	55.26 0.07 -18.13	56.55 0.03 -22.98
V_E_10_SYNC_DSASP 323830	32.89 1.95 0.00	30.88 1.97 0.00	29.37 1.74 0.00	28.71 1.70 0.00	29.53 1.88 0.00	30.24 2.11 0.00	39.38 3.02 0.00	42.52 2.20 0.50	39.56 1.65 0.51	34.33 1.01 0.47	30.62 0.71 3.62	34.24 0.64 1.65	36.00 0.57 0.50	38.64 0.81 0.75	41.49 1.03 0.55	46.43 2.45 0.55	54.11 3.39 0.67	67.23 4.98 0.86	71.08 6.03 1.22	63.70 5.64 1.32	54.44 4.96 1.12	46.21 3.82 0.55	39.62 3.04 0.48	35.58 2.78 0.75

V_F_30_NSYNC___DSASP 323816	32.80 1.86 0.00	30.68 1.76 0.00	29.31 1.69 0.00	28.63 1.62 0.00	29.36 1.71 0.00	29.90 1.77 0.00	38.69 2.33 0.00	43.31 2.49 0.00	39.69 1.84 0.58	34.61 1.42 0.60	33.98 1.21 0.76	35.83 1.23 0.65	36.56 1.18 0.54	38.82 0.92 0.68	41.18 1.06 0.89	44.83 1.38 1.09	52.30 1.95 1.04	64.66 2.71 1.15	68.12 3.05 1.20	61.70 2.85 0.53	53.16 2.58 0.02	45.04 2.10 0.00	39.22 1.78 -0.39	35.52 1.98 0.00
V_F_30_SYNC_DSASP 323786	31.47 0.53 0.00	29.38 0.46 0.00	28.12 0.50 0.00	27.52 0.51 0.00	28.17 0.53 0.00	28.60 0.48 0.00	37.02 0.65 0.00	41.55 0.73 0.00	38.42 0.46 0.47	33.72 0.41 0.48	33.23 0.40 0.71	35.08 0.39 0.56	35.84 0.36 0.44	38.37 0.35 0.55	40.62 0.33 0.72	44.15 0.49 0.88	51.06 0.51 0.84	62.74 0.57 0.93	65.83 0.53 0.97	59.37 0.42 0.42	51.16 0.56 0.00	43.41 0.47 0.00	37.17 0.44 0.33	34.01 0.47 0.00
V_XM_10_SYNC_DSASP 323789	33.78 1.18 -1.66	31.69 1.07 -1.71	29.83 0.99 -1.21	29.22 0.97 -1.25	29.24 0.97 -0.63	31.23 1.10 -2.00	39.18 1.56 -1.26	43.56 1.67 -1.06	41.02 2.00 -0.60	36.92 1.76 -1.38	36.67 1.74 -1.39	38.37 1.80 -1.32	39.00 1.80 -1.28	41.58 1.85 -1.16	43.46 1.03 -1.42	46.78 0.71 -1.53	53.26 0.82 -1.05	64.64 1.33 -0.21	68.05 1.26 -0.53	60.83 1.07 -0.39	52.14 0.45 -1.08	44.45 0.81 -0.70	39.42 1.56 -0.81	35.94 1.38 -1.02
W.BABYLN_69_KV_BK1 56697	33.82 2.88 0.00	31.11 2.20 0.00	29.26 1.63 0.00	28.38 1.38 0.00	29.06 1.41 0.00	29.81 1.69 0.00	38.91 2.55 0.00	43.37 2.53 -0.02	41.91 2.88 -0.61	37.29 2.87 -0.62	36.56 3.25 0.22	38.97 3.42 -0.31	40.06 3.56 -0.58	44.34 3.78 -1.99	45.82 3.86 -0.95	49.70 4.01 -1.16	56.99 4.52 -1.09	69.54 5.24 -1.20	72.37 4.84 -1.26	63.78 3.86 -0.55	54.55 3.95 0.00	46.41 3.48 0.00	40.51 3.45 -0.01	36.36 2.82 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.58 1.64 0.00	30.25 1.33 0.00	28.76 1.13 0.00	28.00 1.00 0.00	28.70 1.05 0.00	29.25 1.13 0.00	38.07 1.71 0.00	42.62 1.80 0.00	40.55 1.58 -0.55	35.95 1.59 -0.57	35.12 1.88 0.30	37.53 2.04 -0.24	38.63 2.19 -0.52	41.54 2.31 -0.65	44.25 2.38 -0.85	48.21 2.63 -1.04	55.30 2.93 -0.99	67.67 3.47 -1.10	70.73 3.31 -1.15	62.55 2.67 -0.50	53.18 2.58 0.00	45.08 2.15 0.00	39.02 1.96 0.00	34.98 1.44 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.01 2.07 0.00	30.56 1.65 0.00	29.01 1.38 0.00	28.19 1.19 0.00	28.89 1.24 0.00	29.48 1.35 0.00	38.43 2.07 0.00	43.09 2.25 -0.02	41.10 2.07 -0.61	36.51 2.10 -0.62	35.71 2.41 0.24	38.19 2.64 -0.29	39.29 2.80 -0.57	42.26 2.97 -0.71	44.99 3.04 -0.94	48.98 3.30 -1.14	56.07 3.60 -1.09	68.47 4.16 -1.20	71.50 3.98 -1.26	63.13 3.21 -0.55	53.64 3.04 0.00	45.51 2.58 0.00	39.47 2.41 0.00	35.32 1.78 0.00
W50THST__13_KV_LOAD 356117	33.20 2.26 0.00	30.71 1.79 0.00	29.15 1.52 0.00	28.33 1.32 0.00	29.03 1.38 0.00	29.64 1.52 0.00	38.65 2.29 0.00	43.38 2.53 -0.03	41.41 2.38 -0.61	36.75 2.33 -0.62	35.95 2.65 0.24	38.47 2.93 -0.29	39.58 3.09 -0.57	42.56 3.28 -0.71	45.35 3.40 -0.94	49.33 3.65 -1.14	56.48 4.01 -1.09	68.97 4.67 -1.20	71.97 4.44 -1.26	63.55 3.62 -0.55	53.99 3.39 0.00	45.77 2.83 0.00	39.69 2.63 0.00	35.52 1.98 0.00
WADING RIVER_IC_1 23522	33.14 2.20 0.00	30.45 1.53 0.00	28.62 0.99 0.00	27.73 0.73 0.00	28.45 0.80 0.00	29.11 0.98 0.00	38.11 1.75 0.00	42.63 1.79 -0.02	41.08 2.07 -0.58	36.52 2.13 -0.60	35.74 2.45 0.24	38.10 2.57 -0.28	39.21 2.73 -0.56	43.31 2.89 -1.84	44.88 2.95 -0.91	48.77 3.12 -1.11	55.82 3.39 -1.05	68.11 3.85 -1.16	70.79 3.31 -1.21	62.75 2.85 -0.53	53.40 2.78 -0.02	45.77 2.83 0.00	39.66 2.59 -0.01	35.62 2.08 0.00
WADING RIVER_IC_2 23547	33.14 2.20 0.00	30.45 1.53 0.00	28.62 0.99 0.00	27.73 0.73 0.00	28.45 0.80 0.00	29.11 0.98 0.00	38.11 1.75 0.00	42.63 1.79 -0.02	41.08 2.07 -0.58	36.52 2.13 -0.60	35.74 2.45 0.24	38.10 2.57 -0.28	39.21 2.73 -0.56	43.31 2.89 -1.84	44.88 2.95 -0.91	48.77 3.12 -1.11	55.82 3.39 -1.05	68.11 3.85 -1.16	70.79 3.31 -1.21	62.75 2.85 -0.53	53.40 2.78 -0.02	45.77 2.83 0.00	39.66 2.59 -0.01	35.62 2.08 0.00
WADING RIVER_IC_3 23601	33.14 2.20 0.00	30.45 1.53 0.00	28.62 0.99 0.00	27.73 0.73 0.00	28.45 0.80 0.00	29.11 0.98 0.00	38.11 1.75 0.00	42.63 1.79 -0.02	41.08 2.07 -0.58	36.52 2.13 -0.60	35.74 2.45 0.24	38.10 2.57 -0.28	39.21 2.73 -0.56	43.31 2.89 -1.84	44.88 2.95 -0.91	48.77 3.12 -1.11	55.82 3.39 -1.05	68.11 3.85 -1.16	70.79 3.31 -1.21	62.75 2.85 -0.53	53.40 2.78 -0.02	45.77 2.83 0.00	39.66 2.59 -0.01	35.62 2.08 0.00
WALDENNY_12_KV_BK2 80841	30.51 -0.43 0.00	29.32 0.40 0.00	27.66 0.03 0.00	26.92 -0.08 0.00	27.40 -0.25 0.00	28.29 0.17 0.00	35.49 -0.87 0.00	42.38 -0.65 -2.22	39.95 -0.61 -2.15	35.37 -0.41 -1.98	33.59 -0.67 -0.72	36.11 -0.70 -1.57	37.41 -0.61 -2.10	41.51 -0.23 -3.17	43.08 -0.25 -2.31	45.81 -1.07 -2.34	53.23 -0.98 -2.82	65.64 -1.07 -3.62	70.85 -0.60 -5.18	64.60 -0.36 -5.58	55.06 -0.30 -4.76	44.82 -0.43 -2.31	38.79 -0.30 -2.03	37.11 0.44 -3.13
WALDEN___HYDRO 24148	32.36 1.42 0.00	30.07 1.16 0.00	28.62 0.99 0.00	27.87 0.86 0.00	28.56 0.91 0.00	29.08 0.96 0.00	37.85 1.49 0.00	42.33 1.51 0.00	40.20 1.31 -0.48	35.57 1.28 -0.49	34.70 1.51 0.34	37.08 1.66 -0.17	38.17 1.80 -0.45	40.99 1.85 -0.56	43.68 1.93 -0.74	47.62 2.18 -0.90	54.65 2.42 -0.85	66.95 2.90 -0.95	70.04 2.78 -0.99	62.06 2.26 -0.43	52.78 2.18 0.00	44.78 1.85 0.00	38.72 1.67 0.00	34.78 1.24 0.00
WARRENSBURG____ 23737	33.38 2.44 0.00	31.32 2.40 0.00	29.89 2.27 0.00	29.17 2.16 0.00	29.94 2.29 0.00	30.54 2.42 0.00	39.42 3.05 0.00	44.17 3.35 0.00	40.28 2.46 0.61	35.06 1.89 0.62	34.33 1.58 0.78	36.10 1.52 0.67	36.79 1.44 0.57	39.60 1.74 0.71	40.65 0.57 0.94	44.24 0.85 1.14	51.89 1.59 1.09	64.29 2.40 1.20	67.93 2.92 1.26	61.56 2.73 0.55	53.08 2.48 0.00	45.04 2.10 0.00	40.38 2.93 -0.40	36.29 2.75 0.00
WATERSIDE___6 8 9 23538	33.07 2.13 0.00	30.62 1.71 0.00	29.04 1.41 0.00	28.22 1.22 0.00	28.92 1.27 0.00	29.50 1.38 0.00	38.43 2.07 0.00	43.10 2.12 -0.16	41.03 2.00 -0.61	36.48 2.06 -0.62	35.71 2.41 0.24	38.22 2.68 -0.30	39.30 2.80 -0.57	42.22 2.93 -0.71	44.95 2.99 -0.94	48.85 3.16 -1.15	56.02 3.55 -1.09	68.34 4.04 -1.21	71.30 3.78 -1.26	63.01 3.09 -0.55	53.49 2.88 0.00	45.38 2.45 0.00	39.50 2.45 0.00	35.38 1.84 0.00
WATKINRD_115KV_LN8_ILLION 55919	31.67 0.25 -0.48	29.64 0.23 -0.50	28.20 0.22 -0.35	27.59 0.22 -0.36	28.08 0.25 -0.18	28.96 0.25 -0.59	37.16 0.40 -0.40	41.64 0.49 -0.34	38.96 0.35 -0.19	34.50 0.27 -0.43	34.21 0.23 -0.44	35.91 0.25 -0.42	36.54 0.22 -0.40	39.17 0.23 -0.37	41.71 0.25 -0.45	45.33 0.31 -0.48	52.13 0.41 -0.33	63.67 0.50 -0.07	67.03 0.60 -0.17	60.03 0.53 -0.12	51.45 0.51 -0.34	43.63 0.47 -0.22	37.68 0.37 -0.25	34.20 0.34 -0.32

WDELAWARE___HYD 323627	32.70 1.76 0.00	30.39 1.47 0.00	28.90 1.27 0.00	28.17 1.16 0.00	28.89 1.25 0.00	29.39 1.27 0.00	38.29 1.93 0.00	42.74 1.92 0.00	40.44 1.69 -0.33	35.68 1.56 -0.34	34.69 1.61 0.45	37.08 1.80 -0.04	38.13 1.90 -0.31	41.00 2.04 -0.39	43.73 2.21 -0.51	47.74 2.58 -0.62	54.90 2.93 -0.59	67.47 3.72 -0.65	70.59 3.64 -0.68	62.88 3.20 -0.30	53.55 2.93 -0.01	45.47 2.53 0.00	39.17 2.11 0.00	35.15 1.61 0.00
WEST BABYLON___IC 23714	33.82 2.88 0.00	31.11 2.20 0.00	29.26 1.63 0.00	28.38 1.38 0.00	29.06 1.41 0.00	29.81 1.69 0.00	38.91 2.55 0.00	43.37 2.53 -0.02	41.91 2.88 -0.61	37.29 2.87 -0.62	36.56 3.25 0.22	38.97 3.42 -0.31	40.06 3.56 -0.58	44.34 3.78 -1.99	45.82 3.86 -0.95	49.70 4.01 -1.16	56.99 4.52 -1.09	69.54 5.24 -1.20	72.37 4.84 -1.26	63.78 3.86 -0.55	54.55 3.95 0.00	46.41 3.48 0.00	40.51 3.45 -0.01	36.36 2.82 0.00
WEST CANADA___HYD 24049	31.58 0.16 -0.48	29.56 0.15 -0.50	28.12 0.14 -0.35	27.50 0.14 -0.36	28.00 0.17 -0.18	28.88 0.17 -0.59	36.98 0.22 -0.40	41.44 0.29 -0.34	38.81 0.19 -0.19	34.36 0.14 -0.43	34.11 0.13 -0.44	35.81 0.14 -0.42	36.43 0.11 -0.40	39.09 0.15 -0.37	41.63 0.16 -0.45	45.24 0.22 -0.48	51.98 0.26 -0.33	63.48 0.32 -0.07	66.77 0.33 -0.17	59.80 0.30 -0.12	51.30 0.36 -0.34	43.42 0.26 -0.22	37.53 0.22 -0.25	34.07 0.20 -0.32
WESTERN_NY_WIND 24143	31.03 0.09 0.00	29.75 0.84 0.00	27.96 0.33 0.00	27.19 0.19 0.00	27.76 0.11 0.00	28.60 0.48 0.00	36.07 -0.29 0.00	42.83 -0.57 -2.58	40.66 -0.27 -2.50	35.90 -0.20 -2.31	34.38 -0.47 -1.31	36.76 -0.49 -2.00	37.97 -0.40 -2.45	42.18 -0.08 -3.68	43.71 0.00 -2.70	46.69 -0.58 -2.73	54.21 -0.46 -3.28	67.00 -0.32 -4.21	72.54 0.27 -6.01	66.57 0.71 -6.49	56.84 0.71 -5.53	45.93 0.30 -2.70	39.60 0.19 -2.36	37.85 0.64 -3.67
WESTOVER___LESR 323668	31.09 0.15 0.00	29.23 0.32 0.00	27.88 0.25 0.00	27.27 0.27 0.00	27.87 0.22 0.00	28.44 0.31 0.00	36.54 0.18 0.00	40.65 0.45 0.62	38.09 0.27 0.60	33.47 0.24 0.56	29.78 0.13 3.89	33.59 0.14 1.80	35.55 0.22 0.59	38.07 0.39 0.89	40.82 0.45 0.65	44.19 0.31 0.66	51.11 0.51 0.79	62.72 0.63 1.01	65.75 0.93 1.44	58.76 0.95 1.56	50.18 0.91 1.33	43.02 0.73 0.65	37.04 0.56 0.57	33.29 0.64 0.89
WETHRSFD_WT_PWR 323626	30.57 -0.37 0.00	29.20 0.29 0.00	27.68 0.06 0.00	26.92 -0.08 0.00	27.45 -0.19 0.00	28.24 0.11 0.00	35.67 -0.69 0.00	42.11 -0.41 -1.70	39.33 -0.73 -1.64	34.80 -0.51 -1.51	32.75 -0.60 0.19	35.19 -0.99 -0.92	36.63 -0.90 -1.60	40.37 -0.62 -2.41	42.08 -0.70 -1.76	45.08 -1.25 -1.79	52.66 -0.87 -2.15	64.73 -1.13 -2.77	69.97 -0.26 -3.96	63.34 -0.30 -4.26	53.99 -0.25 -3.63	44.19 -0.51 -1.76	38.30 -0.30 -1.55	36.23 0.30 -2.39
WHAVSTOR_138KV_BK127 55557	32.46 1.52 0.00	30.10 1.19 0.00	28.65 1.02 0.00	27.90 0.89 0.00	28.59 0.94 0.00	29.14 1.01 0.00	37.89 1.53 0.00	42.41 1.59 0.00	40.40 1.42 -0.55	35.81 1.45 -0.57	34.95 1.71 0.29	37.39 1.90 -0.24	38.49 2.05 -0.52	41.35 2.12 -0.65	44.04 2.17 -0.86	47.99 2.41 -1.05	55.00 2.62 -0.99	67.29 3.09 -1.10	70.33 2.92 -1.15	62.19 2.32 -0.50	52.88 2.28 0.00	44.87 1.93 0.00	38.84 1.78 0.00	34.82 1.27 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.46 1.52 0.00	30.10 1.19 0.00	28.65 1.02 0.00	27.90 0.89 0.00	28.59 0.94 0.00	29.14 1.01 0.00	37.89 1.53 0.00	42.41 1.59 0.00	40.40 1.42 -0.55	35.81 1.45 -0.57	34.95 1.71 0.29	37.39 1.90 -0.24	38.49 2.05 -0.52	41.35 2.12 -0.65	44.04 2.17 -0.86	47.99 2.41 -1.05	55.00 2.62 -0.99	67.29 3.09 -1.10	70.33 2.92 -1.15	62.19 2.32 -0.50	52.88 2.28 0.00	44.87 1.93 0.00	38.84 1.78 0.00	34.82 1.27 0.00
WHITEHAL_115KV_TB1 80871	33.88 2.94 0.00	31.84 2.92 0.00	30.34 2.71 0.00	29.62 2.62 0.00	30.41 2.76 0.00	31.08 2.95 0.00	40.18 3.82 0.00	44.98 4.16 0.00	40.88 3.07 0.61	35.52 2.37 0.63	34.73 1.98 0.78	36.51 1.94 0.68	37.14 1.80 0.58	40.01 2.16 0.72	41.34 1.27 0.95	45.07 1.69 1.16	53.01 2.72 1.10	65.85 3.98 1.22	69.63 4.64 1.28	63.21 4.39 0.56	54.45 3.85 0.00	46.11 3.18 0.00	41.14 3.67 -0.41	36.93 3.39 0.00
WHITEPLN_13_KV_LOAD 356215	33.01 2.07 0.00	30.65 1.73 0.00	29.09 1.46 0.00	28.30 1.30 0.00	29.00 1.35 0.00	29.59 1.46 0.00	38.54 2.18 0.00	43.19 2.37 0.00	41.29 2.27 -0.60	36.64 2.23 -0.62	35.85 2.55 0.24	38.33 2.78 -0.29	39.44 2.95 -0.57	42.41 3.12 -0.71	45.15 3.20 -0.93	49.15 3.47 -1.14	56.32 3.85 -1.08	68.85 4.54 -1.20	71.90 4.37 -1.26	63.49 3.56 -0.55	53.94 3.34 0.00	45.68 2.75 0.00	39.58 2.52 0.00	35.45 1.91 0.00
WM_FLOYD_69_KV_BK2 356380	33.35 2.41 0.00	30.65 1.73 0.00	28.82 1.19 0.00	27.92 0.92 0.00	28.59 0.94 0.00	29.34 1.21 0.00	38.36 2.00 0.00	42.80 1.96 -0.02	41.37 2.34 -0.61	36.78 2.37 -0.62	36.06 2.75 0.22	38.34 2.78 -0.30	39.45 2.95 -0.58	43.57 3.12 -1.87	45.12 3.16 -0.95	49.03 3.34 -1.15	56.27 3.80 -1.09	68.59 4.29 -1.20	71.37 3.84 -1.26	62.89 2.97 -0.55	53.74 3.14 0.00	45.73 2.79 0.00	39.88 2.82 -0.01	35.89 2.35 0.00
WOODARD___115KV_TB2 355635	31.19 -0.34 -0.59	29.29 -0.23 -0.61	27.81 -0.25 -0.43	27.23 -0.22 -0.44	27.59 -0.28 -0.22	28.61 -0.23 -0.71	36.47 -0.36 -0.47	42.69 -0.24 -2.11	40.04 -0.27 -1.89	35.57 -0.27 -2.05	32.83 -0.34 0.37	36.03 -0.39 -1.17	37.63 -0.40 -2.10	41.10 -0.35 -2.87	43.00 -0.33 -2.32	46.47 -0.45 -2.38	53.54 -0.41 -2.57	65.47 -0.50 -2.87	70.05 -0.40 -4.18	63.58 -0.24 -4.45	54.52 -0.15 -4.07	44.82 -0.17 -2.05	38.70 -0.22 -1.87	36.25 -0.10 -2.81
WOODMERE_69_KV_BK1 55827	33.66 2.72 0.00	31.03 2.11 0.00	29.26 1.63 0.00	28.38 1.38 0.00	29.06 1.41 0.00	29.76 1.63 0.00	38.83 2.47 0.00	43.25 2.41 -0.02	41.68 2.65 -0.61	37.15 2.74 -0.62	36.30 2.98 0.22	38.73 3.17 -0.31	39.81 3.30 -0.59	44.52 3.39 -2.55	45.49 3.53 -0.95	49.53 3.83 -1.16	56.94 4.47 -1.09	69.54 5.24 -1.20	72.43 4.90 -1.26	63.90 3.98 -0.55	54.40 3.80 0.00	46.16 3.22 0.00	40.30 3.22 -0.02	36.16 2.62 0.00
YORK___WARBASSE 23770	33.30 2.35 -0.01	30.83 1.91 -0.01	29.20 1.57 0.00	28.36 1.35 0.00	29.08 1.44 0.00	29.62 1.49 0.00	38.62 2.25 0.00	43.24 2.41 -0.01	41.18 2.15 -0.61	36.65 2.23 -0.62	35.92 2.62 0.24	38.44 2.89 -0.30	39.52 3.02 -0.58	42.46 3.16 -0.72	45.16 3.20 -0.95	49.08 3.38 -1.16	56.28 3.80 -1.09	68.73 4.42 -1.21	71.70 4.17 -1.26	63.43 3.50 -0.55	53.89 3.29 0.00	45.64 2.71 0.00	39.76 2.71 0.00	35.63 2.08 -0.01