

# Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$															--- Marginal Cost of Losses															--- Marginal Cost of Congestion															09/22/2025		
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	28.59	26.83	24.94	23.89	24.52	25.91	33.93	37.44	32.93	28.13	27.58	27.95	29.68	34.25	37.01	38.47	47.30	61.33	63.14	59.34	50.95	40.50	36.69	32.36																								
		1.26	1.11	1.01	0.94	0.90	1.04	1.89	2.12	2.07	1.82	1.83	1.78	1.91	1.81	1.80	1.85	2.27	2.47	2.55	1.95	1.87	1.67	1.51	1.21																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	-0.17	-0.55	-0.38	-0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00																								
74TH STREET_GT_1	24260	28.59	26.81	24.92	23.87	24.52	25.89	33.87	37.41	32.86	28.08	27.53	27.90	29.62	34.19	36.94	38.43	47.21	61.33	63.21	59.46	51.05	40.50	36.69	32.32																								
		1.26	1.08	0.98	0.92	0.90	1.02	1.83	2.08	2.01	1.76	1.78	1.73	1.85	1.74	1.73	1.81	2.19	2.47	2.61	2.07	1.96	1.67	1.51	1.18																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	-0.17	-0.55	-0.38	-0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00																								
74TH STREET_GT_2	24261	28.59	26.81	24.92	23.87	24.52	25.89	33.87	37.41	32.86	28.08	27.53	27.90	29.62	34.19	36.94	38.43	47.21	61.33	63.21	59.46	51.05	40.50	36.69	32.32																								
		1.26	1.08	0.98	0.92	0.90	1.02	1.83	2.08	2.01	1.76	1.78	1.73	1.85	1.74	1.73	1.81	2.19	2.47	2.61	2.07	1.96	1.67	1.51	1.18																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	-0.17	-0.55	-0.38	-0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00																								
ADK HUDSON___FALLS	24011	28.86	27.09	25.30	24.31	24.97	26.28	34.06	37.62	32.37	27.50	26.65	26.98	28.33	32.98	35.04	36.37	44.98	60.10	62.54	59.17	50.80	40.07	36.20	32.73																								
		1.53	1.36	1.36	1.35	1.35	1.42	2.02	2.30	1.51	1.18	0.90	0.81	0.83	0.87	0.94	0.51	0.80	1.24	1.94	1.78	1.72	1.24	1.02	1.59																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.17	0.55	0.38	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00																								
ADK RESOURCE___RCVRY	23798	28.97	27.19	25.42	24.42	25.08	26.41	34.22	37.80	32.49	27.61	26.73	27.06	28.41	33.08	35.15	36.48	45.12	60.27	62.84	59.45	51.00	40.27	36.33	32.92																								
		1.64	1.47	1.48	1.47	1.46	1.54	2.18	2.47	1.63	1.29	0.98	0.89	0.91	0.97	1.04	0.62	0.94	1.41	2.24	2.06	1.91	1.44	1.16	1.77																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.17	0.54	0.37	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00																								
ADK S GLENS___FALLS	24028	28.86	27.09	25.30	24.31	24.97	26.28	34.06	37.62	32.37	27.50	26.65	26.98	28.33	32.98	35.04	36.37	44.98	60.10	62.54	59.17	50.80	40.07	36.20	32.73																								
		1.53	1.36	1.36	1.35	1.35	1.42	2.02	2.30	1.51	1.18	0.90	0.81	0.83	0.87	0.94	0.51	0.80	1.24	1.94	1.78	1.72	1.24	1.02	1.59																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.17	0.55	0.38	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00																								
ADK_NYS___DAM	23527	28.37	26.65	24.82	23.82	24.45	25.74	33.42	36.81	31.97	27.13	26.52	26.85	27.98	32.38	33.88	35.84	44.21	59.86	61.87	58.36	50.31	39.49	35.70	31.73																								
		1.04	0.92	0.89	0.87	0.83	0.87	1.38	1.48	1.11	0.82	0.77	0.68	0.66	0.48	0.48	0.47	0.58	1.00	1.27	0.97	1.23	0.66	0.53	0.59																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.39	1.26	0.87	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00																								
AIR_PRODUCTS___DRP	24190	27.36	25.75	24.01	23.04	23.67	24.94	32.20	35.57	30.92	26.34	25.75	26.12	27.48	31.89	33.82	35.44	43.66	58.04	59.81	56.53	48.59	38.33	34.68	30.80																								
		0.03	0.03	0.07	0.09	0.05	0.07	0.16	0.25	0.06	0.03	0.00	-0.05	-0.06	-0.26	-0.42	-0.51	-0.62	-0.82	-0.79	-0.86	-0.49	-0.50	-0.49	-0.34																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.13	0.42	0.29	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00																								
AKWESSNE_115KV_BK	355683	27.41	25.79	23.98	23.04	23.69	24.26	24.79	24.85	19.55	18.18	18.06	14.02	20.13	32.50	33.12	35.08	44.21	55.57	57.58	52.57	43.17	31.63	28.92	24.01																								
		0.08	0.08	0.05	0.09	0.07	0.07	-0.22	-0.21	-0.15	-0.08	-0.05	-0.03	-0.06	0.23	0.42	0.43	0.54	0.82	0.85	0.86	0.59	0.43	0.35	0.31																								
		0.00	0.01	0.00	0.00	0.00	0.68	7.03	10.26	11.16	8.06	7.64	12.13	7.45	0.00	1.96	1.60	0.93	4.12	3.87	5.68	6.51	7.62	6.60	7.44																								
ALBANY_1_SOLAR	323833	27.88	26.24	24.49	23.50	24.12	25.41	32.84	36.10	31.26	26.50	25.80	26.14	27.64	32.15	34.38	36.13	44.62	59.16	61.27	57.90	49.77	39.30	35.53	31.55																								
		0.55	0.51	0.55	0.55	0.50	0.55	0.80	0.78	0.40	0.19	0.05	-0.03	0.06	-0.06	-0.07	0.04	0.18	0.30	0.67	0.52	0.69	0.47	0.35	0.40																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.06	0.20	0.14	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00																								
ALBANY_2_SOLAR	323834	27.88	26.24	24.46	23.50	24.12	25.39	32.81	36.10	31.26	26.50	25.80	26.12	27.64	32.15	34.38	36.13	44.62	59.16	61.21	57.90	49.77	39.30	35.53	31.55																								
		0.55	0.51	0.53	0.55	0.50	0.52	0.77	0.78	0.40	0.19	0.05	-0.05	0.06	-0.06	-0.07	0.04	0.18	0.30	0.61	0.52	0.69	0.47	0.35	0.40																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.06	0.20	0.14	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00																								
ALBANY___1	23571	27.36	25.75	24.01	23.04	23.67	24.94	32.20	35.57	30.92	26.34	25.75	26.12	27.48	31.89	33.82	35.44	43.66	58.04	59.81	56.53	48.59	38.33	34.68	30.80																								
		0.03	0.03	0.07	0.09	0.05	0.07	0.16	0.25	0.06	0.03	0.00	-0.05	-0.06	-0.26	-0.42	-0.51	-0.62	-0.82	-0.79	-0.86	-0.49	-0.50	-0.49	-0.34																								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.13	0.42	0.29	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00																								

ALBANY___2 23572	27.36 0.03 0.00	25.75 0.03 0.00	24.01 0.07 0.00	23.04 0.09 0.00	23.67 0.05 0.00	24.94 0.07 0.00	32.20 0.16 0.00	35.57 0.25 0.00	30.92 0.06 0.00	26.34 0.03 0.00	25.75 0.00 0.00	26.12 -0.05 0.00	27.48 -0.06 0.10	31.89 -0.26 0.13	33.82 -0.42 0.42	35.44 -0.51 0.29	43.66 -0.62 0.32	58.04 -0.82 0.00	59.81 -0.79 0.00	56.53 -0.86 0.00	48.59 -0.49 0.00	38.33 -0.50 0.00	34.68 -0.49 0.00	30.80 -0.34 0.00
ALBANY___3 23573	27.36 0.03 0.00	25.75 0.03 0.00	24.01 0.07 0.00	23.04 0.09 0.00	23.67 0.05 0.00	24.94 0.07 0.00	32.20 0.16 0.00	35.57 0.25 0.00	30.92 0.06 0.00	26.34 0.03 0.00	25.75 0.00 0.00	26.12 -0.05 0.00	27.48 -0.06 0.10	31.89 -0.26 0.13	33.82 -0.42 0.42	35.44 -0.51 0.29	43.66 -0.62 0.32	58.04 -0.82 0.00	59.81 -0.79 0.00	56.53 -0.86 0.00	48.59 -0.49 0.00	38.33 -0.50 0.00	34.68 -0.49 0.00	30.80 -0.34 0.00
ALBANY___4 23574	27.36 0.03 0.00	25.75 0.03 0.00	24.01 0.07 0.00	23.04 0.09 0.00	23.67 0.05 0.00	24.94 0.07 0.00	32.20 0.16 0.00	35.57 0.25 0.00	30.92 0.06 0.00	26.34 0.03 0.00	25.75 0.00 0.00	26.12 -0.05 0.00	27.48 -0.06 0.10	31.89 -0.26 0.13	33.82 -0.42 0.42	35.44 -0.51 0.29	43.66 -0.62 0.32	58.04 -0.82 0.00	59.81 -0.79 0.00	56.53 -0.86 0.00	48.59 -0.49 0.00	38.33 -0.50 0.00	34.68 -0.49 0.00	30.80 -0.34 0.00
ALBANY___LFGE 323615	27.58 0.25 0.00	25.98 0.26 0.00	24.22 0.29 0.00	23.25 0.30 0.00	23.85 0.24 0.00	25.17 0.30 0.00	32.52 0.48 0.00	35.89 0.56 0.00	31.20 0.34 0.00	26.58 0.26 0.00	25.96 0.21 0.00	26.33 0.16 0.00	27.69 0.17 0.11	32.14 0.00 0.14	34.06 -0.14 0.46	35.78 -0.14 0.32	44.07 -0.18 0.36	58.57 -0.29 0.00	60.48 -0.12 0.00	57.10 -0.29 0.00	49.13 0.05 0.00	38.75 -0.08 0.00	35.04 -0.14 0.00	31.11 -0.03 0.00
ALCOA_PA_115KV_PL-6C 55860	27.60 0.27 0.00	26.10 0.26 -0.11	24.15 0.22 0.00	23.20 0.25 0.00	23.88 0.26 0.00	31.67 0.27 -6.53	99.05 -0.06 -67.08	133.61 -0.07 -98.36	137.81 0.00 -106.95	103.62 0.05 -77.25	99.08 0.08 -73.25	142.48 0.08 -116.23	99.10 0.08 -71.38	32.70 0.42 0.00	54.04 0.62 -18.76	52.19 0.65 -15.30	54.25 0.76 -8.89	99.42 1.12 -39.44	98.92 1.21 -37.11	113.06 1.26 -54.41	112.35 0.88 -62.38	112.57 0.66 -73.08	99.04 0.56 -63.30	103.02 0.53 -71.35
ALCOA_RYNLDS___DRP 24188	27.60 0.27 0.00	26.10 0.26 -0.11	24.15 0.22 0.00	23.20 0.25 0.00	23.88 0.26 0.00	31.67 0.27 -6.53	99.05 -0.06 -67.08	133.61 -0.07 -98.36	137.81 0.00 -106.95	103.62 0.05 -77.25	99.08 0.08 -73.25	142.48 0.08 -116.23	99.10 0.08 -71.38	32.70 0.42 0.00	54.04 0.62 -18.76	52.19 0.65 -15.30	54.25 0.76 -8.89	99.42 1.12 -39.44	98.92 1.21 -37.11	113.06 1.26 -54.41	112.35 0.88 -62.38	112.57 0.66 -73.08	99.04 0.56 -63.30	103.02 0.53 -71.35
ALCOA___DSASP 323711	27.60 0.27 0.00	26.10 0.26 -0.11	24.15 0.21 0.00	23.21 0.25 0.00	23.88 0.26 0.00	31.67 0.27 -6.53	99.05 -0.06 -67.08	133.61 -0.07 -98.36	137.81 0.00 -106.95	103.62 0.05 -77.25	99.08 0.08 -73.25	142.48 0.08 -116.23	99.10 0.08 -71.38	32.70 0.42 0.00	54.04 0.62 -18.76	52.19 0.65 -15.30	54.25 0.76 -8.89	99.42 1.12 -39.44	98.92 1.21 -37.11	113.06 1.26 -54.41	112.35 0.88 -62.38	112.57 0.66 -73.08	99.03 0.56 -63.30	103.02 0.53 -71.35
ALLEGHENY___COGEN 23514	27.79 0.46 0.00	26.32 0.59 0.00	24.58 0.65 0.00	23.37 0.41 0.00	24.21 0.59 0.00	25.36 0.50 0.00	33.40 0.96 -0.40	36.38 1.06 0.00	31.63 0.77 0.00	26.74 0.42 0.00	25.96 0.21 0.00	26.46 0.29 0.00	27.94 0.30 0.00	32.51 0.23 0.00	35.00 0.35 0.00	37.21 0.69 -0.28	46.03 1.38 -0.04	63.22 2.59 -1.78	66.48 2.97 -2.91	63.69 3.50 -2.80	53.24 2.45 -1.70	41.95 1.83 -1.29	38.27 2.04 -1.06	33.77 1.81 -0.83
ALTAMONT_115KV_TB 2 55880	27.71 0.38 0.00	26.09 0.36 0.00	24.29 0.36 0.00	23.30 0.34 0.00	23.95 0.33 0.00	25.21 0.35 0.00	32.65 0.61 0.00	35.99 0.67 0.00	31.35 0.49 0.00	26.71 0.39 0.00	26.11 0.36 0.00	26.48 0.31 0.00	27.90 0.33 0.07	32.39 0.19 0.08	34.53 0.14 0.27	36.12 0.07 0.18	44.53 0.13 0.21	58.98 0.12 0.00	60.78 0.18 0.00	57.45 0.06 0.00	49.33 0.25 0.00	38.99 0.16 0.00	35.32 0.14 0.00	31.30 0.16 0.00
ALTONA_WT_PWR 323606	27.11 -0.22 0.00	25.50 -0.23 -0.01	23.72 -0.22 0.00	22.91 -0.05 0.00	23.67 0.05 0.00	25.33 0.12 -0.34	35.70 0.16 -3.50	40.81 0.32 -5.17	37.06 0.58 -5.62	31.27 0.90 -4.06	30.60 1.00 -3.85	33.37 1.10 -6.11	32.49 1.11 -3.75	33.83 1.55 0.00	37.48 1.84 -0.99	39.03 1.99 -0.80	47.61 2.54 -0.47	64.52 3.59 -2.07	66.55 4.00 -1.95	64.21 3.96 -2.86	55.36 2.99 -3.28	44.77 2.10 -3.84	40.19 1.69 -3.33	36.26 1.37 -3.75
AMERICAN_REF_FUEL 24010	26.51 -0.82 0.00	25.29 -0.44 0.00	23.65 -0.29 0.00	22.54 -0.41 0.00	23.22 -0.40 0.00	24.20 -0.67 0.00	30.99 -1.41 -0.36	33.42 -1.91 0.00	29.62 -1.24 0.00	25.40 -0.92 0.00	24.93 -0.83 0.00	25.54 -0.63 0.00	27.14 -0.50 0.00	31.21 -1.06 0.00	33.55 -1.11 0.00	35.07 -1.41 -0.25	42.85 -1.79 -0.03	57.70 -2.71 -1.55	59.87 -3.27 -2.54	57.43 -2.41 -2.45	47.97 -2.60 -1.49	38.52 -1.44 -1.13	35.54 -0.56 -0.92	31.74 -0.12 -0.72
ARKWRIGHT___SUMMIT_WT_PWR 323751	26.16 -1.17 0.00	24.88 -0.85 0.00	23.24 -0.69 0.00	22.13 -0.83 0.00	22.82 -0.80 0.00	23.80 -1.07 0.00	31.16 -1.25 -0.37	33.59 -1.73 0.00	29.93 -0.92 0.00	25.74 -0.58 0.00	25.26 -0.49 0.00	25.96 -0.21 0.00	27.69 0.06 0.00	31.92 -0.35 0.00	34.38 -0.28 0.00	36.28 -0.22 -0.26	44.73 0.09 -0.04	60.73 0.24 -1.64	63.04 -0.24 -2.68	60.43 0.46 -2.58	50.46 -0.20 -1.57	40.18 0.16 -1.19	36.96 0.81 -0.97	32.84 0.93 -0.76
ARTHUR KILL_GT_1 23520	21.58 1.23 6.99	18.18 1.03 8.57	18.38 0.93 6.49	15.61 0.87 8.21	16.70 0.83 7.74	17.01 0.92 8.77	22.97 1.73 10.80	23.53 1.94 13.74	22.50 1.94 10.30	21.96 1.71 6.07	21.81 1.70 5.64	21.78 1.67 6.06	21.97 1.82 7.49	18.82 1.71 15.17	23.28 1.73 13.10	23.86 1.92 14.30	24.59 2.19 22.20	36.22 2.71 25.35	37.84 2.97 25.73	31.63 2.35 28.11	29.21 2.21 22.08	24.01 1.71 16.52	23.50 1.55 13.22	23.33 1.21 9.03
ARTHUR_KILL_2 23512	21.52 1.17 6.99	18.13 0.98 8.57	18.33 0.89 6.49	15.54 0.80 8.21	16.66 0.78 7.74	16.96 0.87 8.77	22.87 1.63 10.80	23.42 1.84 13.74	22.41 1.85 10.30	21.91 1.66 6.07	21.76 1.65 5.64	21.70 1.60 6.06	21.89 1.74 7.49	18.72 1.61 15.17	23.18 1.63 13.10	23.72 1.78 14.30	24.46 2.05 22.20	36.04 2.53 25.35	37.60 2.73 25.73	31.34 2.06 28.11	29.02 2.01 22.08	23.90 1.59 16.52	23.36 1.41 13.22	23.33 1.21 9.03
ARTHUR_KILL_3 23513	21.32 0.98 6.99	17.97 0.82 8.58	18.18 0.74 6.50	15.44 0.71 8.22	16.53 0.66 7.75	16.86 0.77 8.78	22.77 1.54 10.81	23.32 1.73 13.73	22.26 1.70 10.29	21.76 1.50 6.06	21.64 1.52 5.63	21.58 1.46 6.06	21.73 1.57 7.48	18.50 1.39 15.17	22.91 1.35 13.10	23.33 1.38 14.29	24.05 1.65 22.20	35.15 1.65 25.36	36.68 1.82 25.74	30.53 1.26 28.12	28.32 1.33 22.09	23.54 1.24 16.53	23.07 1.13 13.23	23.04 0.93 9.03

ARTHUR_KILL_COGEN 323718	21.58 1.23 6.99	18.21 1.06 8.57	18.40 0.96 6.49	15.61 0.87 8.21	16.70 0.83 7.74	17.01 0.92 8.77	22.97 1.73 10.80	23.53 1.94 13.74	22.50 1.95 10.30	21.96 1.71 6.07	21.81 1.70 5.64	21.78 1.68 6.06	21.97 1.82 7.49	18.81 1.71 15.17	23.28 1.73 13.10	23.82 1.88 14.30	24.64 2.23 22.20	36.22 2.71 25.35	37.78 2.91 25.73	31.57 2.30 28.11	29.22 2.21 22.08	24.01 1.71 16.52	23.47 1.51 13.22	23.42 1.31 9.03
ASHOKAN____ 23654	28.04 0.71 0.00	26.42 0.69 0.00	24.53 0.60 0.00	23.57 0.62 0.00	24.14 0.52 0.00	25.46 0.60 0.00	33.19 1.15 0.00	36.35 1.03 0.00	31.66 0.80 0.00	26.87 0.55 0.00	26.16 0.41 0.00	26.38 0.21 0.00	28.88 1.24 0.00	33.41 1.13 0.00	36.04 1.39 0.00	37.87 1.63 0.00	46.70 2.10 0.00	59.86 1.00 0.00	62.17 1.57 0.00	58.76 1.38 0.00	50.31 1.23 0.00	39.92 1.09 0.00	35.92 0.74 0.00	31.86 0.72 0.00
ASTORIA_EAST_ENERGY_CC1 323581	28.68 1.34 -0.01	26.94 1.21 -0.01	25.01 1.08 0.00	23.94 0.99 0.00	24.56 0.95 0.00	25.81 0.94 0.00	33.74 1.70 0.00	37.16 1.84 0.00	32.65 1.79 0.00	27.89 1.58 0.01	27.31 1.57 0.01	27.71 1.54 0.00	29.46 1.69 -0.14	33.96 1.52 -0.17	36.77 1.56 -0.55	38.28 1.67 -0.38	46.99 1.96 -0.42	60.98 2.12 0.00	62.90 2.30 0.00	59.05 1.67 0.01	50.69 1.62 0.01	40.46 1.63 0.00	36.72 1.55 0.00	32.61 1.46 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	28.65 1.31 -0.01	26.92 1.18 -0.01	24.99 1.05 0.00	23.92 0.96 0.00	24.54 0.92 0.00	25.81 0.94 0.00	33.70 1.66 0.00	37.16 1.84 0.00	32.62 1.76 0.00	27.89 1.58 0.01	27.31 1.57 0.01	27.71 1.54 0.00	29.46 1.69 -0.14	33.93 1.52 -0.17	36.73 1.56 -0.55	38.28 1.67 -0.38	46.99 1.96 -0.42	60.92 2.06 0.00	62.90 2.30 0.00	58.99 1.60 0.01	50.69 1.62 0.01	40.46 1.63 0.00	36.69 1.51 0.00	32.61 1.46 -0.01
ASTORIA_GT2_1 24094	28.67 1.34 0.00	26.88 1.16 0.00	25.01 1.08 0.00	23.94 0.99 0.00	24.56 0.94 0.00	25.81 0.94 0.00	33.74 1.70 0.00	37.16 1.84 0.00	32.65 1.79 0.00	27.90 1.58 0.00	27.32 1.57 0.00	27.71 1.54 0.00	29.46 1.69 -0.14	33.96 1.52 -0.17	36.77 1.56 -0.55	38.32 1.70 -0.38	46.86 1.83 -0.42	60.98 2.12 0.00	62.96 2.36 0.00	59.11 1.72 0.00	50.75 1.67 0.00	40.46 1.63 0.00	36.76 1.58 0.00	32.46 1.31 -0.01
ASTORIA_GT2_2 24095	28.67 1.34 0.00	26.88 1.16 0.00	25.01 1.08 0.00	23.94 0.99 0.00	24.56 0.94 0.00	25.81 0.94 0.00	33.74 1.70 0.00	37.16 1.84 0.00	32.65 1.79 0.00	27.90 1.58 0.00	27.32 1.57 0.00	27.71 1.54 0.00	29.46 1.69 -0.14	33.96 1.52 -0.17	36.77 1.56 -0.55	38.32 1.70 -0.38	46.86 1.83 -0.42	60.98 2.12 0.00	62.96 2.36 0.00	59.11 1.72 0.00	50.75 1.67 0.00	40.46 1.63 0.00	36.76 1.58 0.00	32.46 1.31 -0.01
ASTORIA_GT2_3 24096	28.67 1.34 0.00	26.88 1.16 0.00	25.01 1.08 0.00	23.94 0.99 0.00	24.56 0.94 0.00	25.81 0.94 0.00	33.74 1.70 0.00	37.16 1.84 0.00	32.65 1.79 0.00	27.90 1.58 0.00	27.32 1.57 0.00	27.71 1.54 0.00	29.46 1.69 -0.14	33.96 1.52 -0.17	36.77 1.56 -0.55	38.32 1.70 -0.38	46.86 1.83 -0.42	60.98 2.12 0.00	62.96 2.36 0.00	59.11 1.72 0.00	50.75 1.67 0.00	40.46 1.63 0.00	36.76 1.58 0.00	32.46 1.31 -0.01
ASTORIA_GT2_4 24097	28.67 1.34 0.00	26.88 1.16 0.00	25.01 1.08 0.00	23.94 0.99 0.00	24.56 0.94 0.00	25.81 0.94 0.00	33.74 1.70 0.00	37.16 1.84 0.00	32.65 1.79 0.00	27.90 1.58 0.00	27.32 1.57 0.00	27.71 1.54 0.00	29.46 1.69 -0.14	33.96 1.52 -0.17	36.77 1.56 -0.55	38.32 1.70 -0.38	46.86 1.83 -0.42	60.98 2.12 0.00	62.96 2.36 0.00	59.11 1.72 0.00	50.75 1.67 0.00	40.46 1.63 0.00	36.76 1.58 0.00	32.46 1.31 -0.01
ASTORIA_GT3_1 24098	28.67 1.34 0.00	26.88 1.16 0.00	25.01 1.08 0.00	23.94 0.99 0.00	24.56 0.94 0.00	25.81 0.94 0.00	33.74 1.70 0.00	37.16 1.84 0.00	32.65 1.79 0.00	27.90 1.58 0.00	27.32 1.57 0.00	27.71 1.54 0.00	29.46 1.69 -0.14	33.96 1.52 -0.17	36.77 1.56 -0.55	38.32 1.70 -0.38	46.86 1.83 -0.42	60.98 2.12 0.00	62.96 2.36 0.00	59.11 1.72 0.00	50.75 1.67 0.00	40.46 1.63 0.00	36.76 1.58 0.00	32.46 1.31 -0.01
ASTORIA_GT3_2 24099	28.67 1.34 0.00	26.88 1.16 0.00	25.01 1.08 0.00	23.94 0.99 0.00	24.56 0.94 0.00	25.81 0.94 0.00	33.74 1.70 0.00	37.16 1.84 0.00	32.65 1.79 0.00	27.90 1.58 0.00	27.32 1.57 0.00	27.71 1.54 0.00	29.46 1.69 -0.14	33.96 1.52 -0.17	36.77 1.56 -0.55	38.32 1.70 -0.38	46.86 1.83 -0.42	60.98 2.12 0.00	62.96 2.36 0.00	59.11 1.72 0.00	50.75 1.67 0.00	40.46 1.63 0.00	36.76 1.58 0.00	32.46 1.31 -0.01
ASTORIA_GT3_3 24100	28.67 1.34 0.00	26.88 1.16 0.00	25.01 1.08 0.00	23.94 0.99 0.00	24.56 0.94 0.00	25.81 0.94 0.00	33.74 1.70 0.00	37.16 1.84 0.00	32.65 1.79 0.00	27.90 1.58 0.00	27.32 1.57 0.00	27.71 1.54 0.00	29.46 1.69 -0.14	33.96 1.52 -0.17	36.77 1.56 -0.55	38.32 1.70 -0.38	46.86 1.83 -0.42	60.98 2.12 0.00	62.96 2.36 0.00	59.11 1.72 0.00	50.75 1.67 0.00	40.46 1.63 0.00	36.76 1.58 0.00	32.46 1.31 -0.01
ASTORIA_GT3_4 24101	28.67 1.34 0.00	26.88 1.16 0.00	25.01 1.08 0.00	23.94 0.99 0.00	24.56 0.94 0.00	25.81 0.94 0.00	33.74 1.70 0.00	37.16 1.84 0.00	32.65 1.79 0.00	27.90 1.58 0.00	27.32 1.57 0.00	27.71 1.54 0.00	29.46 1.69 -0.14	33.96 1.52 -0.17	36.77 1.56 -0.55	38.32 1.70 -0.38	46.86 1.83 -0.42	60.98 2.12 0.00	62.96 2.36 0.00	59.11 1.72 0.00	50.75 1.67 0.00	40.46 1.63 0.00	36.76 1.58 0.00	32.46 1.31 -0.01
ASTORIA_GT4_1 24102	28.67 1.34 0.00	26.88 1.16 0.00	25.01 1.08 0.00	23.94 0.99 0.00	24.56 0.94 0.00	25.81 0.94 0.00	33.74 1.70 0.00	37.16 1.84 0.00	32.65 1.79 0.00	27.90 1.58 0.00	27.32 1.57 0.00	27.71 1.54 0.00	29.46 1.69 -0.14	33.96 1.52 -0.17	36.77 1.56 -0.55	38.32 1.70 -0.38	46.86 1.83 -0.42	60.98 2.12 0.00	62.96 2.36 0.00	59.11 1.72 0.00	50.75 1.67 0.00	40.46 1.63 0.00	36.76 1.58 0.00	32.46 1.31 -0.01
ASTORIA_GT4_2 24103	28.67 1.34 0.00	26.88 1.16 0.00	25.01 1.08 0.00	23.94 0.99 0.00	24.56 0.94 0.00	25.81 0.94 0.00	33.74 1.70 0.00	37.16 1.84 0.00	32.65 1.79 0.00	27.90 1.58 0.00	27.32 1.57 0.00	27.71 1.54 0.00	29.46 1.69 -0.14	33.96 1.52 -0.17	36.77 1.56 -0.55	38.32 1.70 -0.38	46.86 1.83 -0.42	60.98 2.12 0.00	62.96 2.36 0.00	59.11 1.72 0.00	50.75 1.67 0.00	40.46 1.63 0.00	36.76 1.58 0.00	32.46 1.31 -0.01
ASTORIA_GT4_3 24104	28.67 1.34 0.00	26.88 1.16 0.00	25.01 1.08 0.00	23.94 0.99 0.00	24.56 0.94 0.00	25.81 0.94 0.00	33.74 1.70 0.00	37.16 1.84 0.00	32.65 1.79 0.00	27.90 1.58 0.00	27.32 1.57 0.00	27.71 1.54 0.00	29.46 1.69 -0.14	33.96 1.52 -0.17	36.77 1.56 -0.55	38.32 1.70 -0.38	46.86 1.83 -0.42	60.98 2.12 0.00	62.96 2.36 0.00	59.11 1.72 0.00	50.75 1.67 0.00	40.46 1.63 0.00	36.76 1.58 0.00	32.46 1.31 -0.01

ASTORIA_GT4_4 24105	28.67 1.34 0.00	26.88 1.16 0.00	25.01 1.08 0.00	23.94 0.99 0.00	24.56 0.94 0.00	25.81 0.94 0.00	33.74 1.70 0.00	37.16 1.84 0.00	32.65 1.79 0.00	27.90 1.58 0.00	27.32 1.57 0.00	27.71 1.54 0.00	29.46 1.69 -0.14	33.96 1.52 -0.17	36.77 1.56 -0.55	38.32 1.70 -0.38	46.86 1.83 -0.42	60.98 2.12 0.00	62.96 2.36 0.00	59.11 1.72 0.00	50.75 1.67 0.00	40.46 1.63 0.00	36.76 1.58 0.00	32.46 1.31 -0.01
ASTORIA_GT_1 23523	28.72 1.39 0.00	26.94 1.21 0.00	25.04 1.10 0.00	23.96 1.01 0.00	24.59 0.97 0.00	25.86 0.99 0.00	33.77 1.73 0.00	37.23 1.91 0.00	32.71 1.85 0.00	27.95 1.63 0.00	27.37 1.62 0.00	27.76 1.60 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	46.94 1.92 -0.42	61.10 2.24 0.00	63.08 2.48 0.00	59.23 1.84 0.00	50.85 1.77 0.00	40.54 1.71 0.00	36.83 1.65 0.00	32.52 1.37 -0.01
ASTORIA_GT_10 24110	28.48 1.15 0.00	26.70 0.98 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.74 0.87 0.00	33.67 1.63 0.00	37.12 1.80 0.00	32.65 1.79 0.00	27.92 1.61 0.00	27.35 1.60 0.00	27.74 1.57 0.00	29.46 1.69 -0.14	33.96 1.52 -0.17	36.73 1.52 -0.55	38.25 1.63 -0.38	46.90 1.87 -0.42	61.04 2.18 0.00	62.96 2.36 0.00	59.17 1.78 0.00	50.80 1.72 0.00	40.31 1.48 0.00	36.51 1.34 0.00	32.20 1.06 0.00
ASTORIA_GT_11 24225	28.48 1.15 0.00	26.70 0.98 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.74 0.87 0.00	33.67 1.63 0.00	37.12 1.80 0.00	32.65 1.79 0.00	27.92 1.61 0.00	27.35 1.60 0.00	27.74 1.57 0.00	29.46 1.69 -0.14	33.96 1.52 -0.17	36.73 1.52 -0.55	38.25 1.63 -0.38	46.90 1.87 -0.42	61.04 2.18 0.00	62.96 2.36 0.00	59.17 1.78 0.00	50.80 1.72 0.00	40.31 1.48 0.00	36.51 1.34 0.00	32.20 1.06 0.00
ASTORIA_GT_12 24226	28.48 1.15 0.00	26.70 0.98 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.74 0.87 0.00	33.67 1.63 0.00	37.12 1.80 0.00	32.65 1.79 0.00	27.92 1.61 0.00	27.35 1.60 0.00	27.74 1.57 0.00	29.46 1.69 -0.14	33.96 1.52 -0.17	36.73 1.52 -0.55	38.25 1.63 -0.38	46.90 1.87 -0.42	61.04 2.18 0.00	62.96 2.36 0.00	59.17 1.78 0.00	50.80 1.72 0.00	40.31 1.48 0.00	36.51 1.34 0.00	32.20 1.06 0.00
ASTORIA_GT_13 24227	28.48 1.15 0.00	26.70 0.98 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.74 0.87 0.00	33.67 1.63 0.00	37.12 1.80 0.00	32.65 1.79 0.00	27.92 1.61 0.00	27.35 1.60 0.00	27.74 1.57 0.00	29.46 1.69 -0.14	33.96 1.52 -0.17	36.73 1.52 -0.55	38.25 1.63 -0.38	46.90 1.87 -0.42	61.04 2.18 0.00	62.96 2.36 0.00	59.17 1.78 0.00	50.80 1.72 0.00	40.31 1.48 0.00	36.51 1.34 0.00	32.20 1.06 0.00
ASTORIA_GT_5 24106	28.72 1.39 0.00	26.94 1.21 0.00	25.04 1.10 0.00	23.96 1.01 0.00	24.59 0.97 0.00	25.86 0.99 0.00	33.77 1.73 0.00	37.23 1.91 0.00	32.71 1.85 0.00	27.95 1.63 0.00	27.37 1.62 0.00	27.76 1.60 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	46.94 1.92 -0.42	61.10 2.24 0.00	63.08 2.48 0.00	59.23 1.84 0.00	50.85 1.77 0.00	40.54 1.71 0.00	36.83 1.65 0.00	32.52 1.37 -0.01
ASTORIA_GT_7 24107	28.72 1.39 0.00	26.94 1.21 0.00	25.04 1.10 0.00	23.96 1.01 0.00	24.59 0.97 0.00	25.86 0.99 0.00	33.77 1.73 0.00	37.23 1.91 0.00	32.71 1.85 0.00	27.95 1.63 0.00	27.37 1.62 0.00	27.76 1.60 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	46.94 1.92 -0.42	61.10 2.24 0.00	63.08 2.48 0.00	59.23 1.84 0.00	50.85 1.77 0.00	40.54 1.71 0.00	36.83 1.65 0.00	32.52 1.37 -0.01
ASTORIA_GT_8 24108	28.72 1.39 0.00	26.94 1.21 0.00	25.04 1.10 0.00	23.96 1.01 0.00	24.59 0.97 0.00	25.86 0.99 0.00	33.77 1.73 0.00	37.23 1.91 0.00	32.71 1.85 0.00	27.95 1.63 0.00	27.37 1.62 0.00	27.76 1.60 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	46.94 1.92 -0.42	61.10 2.24 0.00	63.08 2.48 0.00	59.23 1.84 0.00	50.85 1.77 0.00	40.54 1.71 0.00	36.83 1.65 0.00	32.52 1.37 -0.01
ASTORIA___2 24149	28.68 1.34 -0.01	26.94 1.21 -0.01	25.01 1.08 0.00	23.94 0.99 0.00	24.56 0.95 0.00	25.81 0.94 0.00	33.74 1.70 0.00	37.16 1.84 0.00	32.65 1.79 0.00	27.89 1.58 0.01	27.31 1.57 0.01	27.71 1.54 0.00	29.46 1.69 -0.14	33.96 1.52 -0.17	36.77 1.56 -0.55	38.28 1.67 -0.38	46.99 1.96 -0.42	60.98 2.12 0.00	62.90 2.30 0.00	59.05 1.67 0.01	50.69 1.62 0.01	40.46 1.63 0.00	36.72 1.55 0.00	32.61 1.46 -0.01
ASTORIA___3 23516	28.48 1.15 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.80 0.85 0.00	24.42 0.80 0.00	25.74 0.87 0.00	33.67 1.63 0.00	37.12 1.80 0.00	32.65 1.79 0.00	27.92 1.61 0.00	27.35 1.60 0.00	27.74 1.57 0.00	29.46 1.69 -0.14	33.96 1.52 -0.17	36.73 1.52 -0.55	38.21 1.59 -0.38	46.94 1.92 -0.42	61.04 2.18 0.00	62.90 2.30 0.00	59.11 1.72 0.00	50.76 1.67 0.00	40.31 1.48 0.00	36.48 1.30 0.00	32.32 1.18 0.00
ASTORIA___4 23517	28.48 1.15 0.00	26.70 0.98 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.74 0.87 0.00	33.67 1.63 0.00	37.12 1.80 0.00	32.65 1.79 0.00	27.92 1.61 0.00	27.35 1.60 0.00	27.74 1.57 0.00	29.46 1.69 -0.14	33.96 1.52 -0.17	36.73 1.52 -0.55	38.25 1.63 -0.38	46.90 1.87 -0.42	61.04 2.18 0.00	62.96 2.36 0.00	59.17 1.78 0.00	50.80 1.72 0.00	40.31 1.48 0.00	36.51 1.34 0.00	32.20 1.06 0.00
ASTORIA___5 23518	28.48 1.15 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.80 0.85 0.00	24.42 0.80 0.00	25.74 0.87 0.00	33.67 1.63 0.00	37.12 1.80 0.00	32.65 1.79 0.00	27.92 1.61 0.00	27.35 1.60 0.00	27.74 1.57 0.00	29.46 1.69 -0.14	33.96 1.52 -0.17	36.73 1.52 -0.55	38.21 1.59 -0.38	46.94 1.92 -0.42	61.04 2.18 0.00	62.90 2.30 0.00	59.11 1.72 0.00	50.76 1.67 0.00	40.31 1.48 0.00	36.48 1.30 0.00	32.32 1.18 0.00
AST_ENERGY_2_CC3 323677	21.01 1.06 7.39	21.01 0.92 5.64	21.01 0.84 3.76	21.01 0.76 2.70	21.01 0.71 3.32	21.01 0.70 4.55	22.85 1.35 10.53	23.74 1.48 13.07	23.66 1.45 8.65	21.01 1.32 6.62	23.54 1.31 3.52	23.54 1.28 3.91	23.54 1.41 5.50	23.54 1.19 9.93	23.54 1.18 12.30	23.54 1.30 14.00	23.54 1.52 22.58	36.92 1.53 23.47	30.30 1.69 32.00	25.93 1.03 32.49	24.12 1.13 26.10	23.54 1.24 16.53	23.54 1.16 12.79	23.54 1.15 8.75
AST_ENERGY_2_CC4 323678	21.01 1.06 7.39	21.01 0.92 5.64	21.01 0.84 3.76	21.01 0.76 2.70	21.01 0.71 3.32	21.01 0.70 4.55	22.85 1.35 10.53	23.74 1.48 13.07	23.66 1.45 8.65	21.01 1.32 6.62	23.54 1.31 3.52	23.54 1.28 3.91	23.54 1.41 5.50	23.54 1.19 9.93	23.54 1.18 12.30	23.54 1.30 14.00	23.54 1.52 22.58	36.92 1.53 23.47	30.30 1.69 32.00	25.93 1.03 32.49	24.12 1.13 26.10	23.54 1.24 16.53	23.54 1.16 12.79	23.54 1.15 8.75

ATHENS_STG_1 23668	27.88 0.55 0.00	26.24 0.51 0.00	24.41 0.48 0.00	23.44 0.48 0.00	24.07 0.45 0.00	25.36 0.50 0.00	32.93 0.90 0.00	36.31 0.99 0.00	31.72 0.86 0.00	27.05 0.74 0.00	26.47 0.72 0.00	26.85 0.68 0.00	28.41 0.72 -0.06	32.86 0.51 -0.07	35.37 0.48 -0.23	36.79 0.40 -0.16	45.18 0.40 -0.17	59.21 0.36 0.00	60.97 0.37 0.00	57.50 0.12 0.00	49.43 0.35 0.00	39.14 0.31 0.00	35.42 0.25 0.00	31.39 0.25 0.00
ATHENS_STG_2 23670	27.88 0.55 0.00	26.24 0.51 0.00	24.41 0.48 0.00	23.44 0.48 0.00	24.07 0.45 0.00	25.36 0.50 0.00	32.93 0.90 0.00	36.31 0.99 0.00	31.72 0.86 0.00	27.05 0.74 0.00	26.47 0.72 0.00	26.85 0.68 0.00	28.41 0.72 -0.06	32.86 0.51 -0.07	35.37 0.48 -0.23	36.79 0.40 -0.16	45.18 0.40 -0.17	59.21 0.36 0.00	60.97 0.37 0.00	57.50 0.12 0.00	49.43 0.35 0.00	39.14 0.31 0.00	35.42 0.25 0.00	31.39 0.25 0.00
ATHENS_STG_3 23677	27.88 0.55 0.00	26.24 0.51 0.00	24.41 0.48 0.00	23.44 0.48 0.00	24.07 0.45 0.00	25.36 0.50 0.00	32.93 0.90 0.00	36.31 0.99 0.00	31.72 0.86 0.00	27.05 0.74 0.00	26.47 0.72 0.00	26.85 0.68 0.00	28.41 0.72 -0.06	32.86 0.51 -0.07	35.37 0.48 -0.23	36.79 0.40 -0.16	45.18 0.40 -0.17	59.21 0.36 0.00	60.97 0.37 0.00	57.50 0.12 0.00	49.43 0.35 0.00	39.14 0.31 0.00	35.42 0.25 0.00	31.39 0.25 0.00
AUBURN___LFGE 323710	27.39 0.05 0.00	25.78 0.05 0.00	24.01 0.07 0.00	22.95 0.00 0.00	23.69 0.07 0.00	25.01 0.05 -0.09	34.12 0.35 -1.73	37.12 0.42 -1.37	32.69 0.34 -1.50	27.63 0.24 -1.08	26.98 0.21 -1.02	28.08 0.29 -1.63	28.96 0.33 -1.00	32.54 0.26 0.00	35.16 0.24 -0.26	37.42 0.36 -0.82	45.35 0.54 -0.21	64.00 0.82 -4.32	68.03 0.73 -6.70	64.91 0.80 -6.71	54.06 0.49 -4.49	42.97 0.39 -3.76	38.72 0.42 -3.13	34.26 0.37 -2.75
BABYLON_RES_REC 323704	28.20 0.87 0.00	26.32 0.59 0.00	24.46 0.53 0.00	23.48 0.53 0.00	24.07 0.45 0.00	25.56 0.70 0.00	33.32 1.28 0.00	36.77 1.45 0.00	32.55 1.70 0.00	27.84 1.53 0.00	27.48 1.73 0.00	27.82 1.65 0.00	29.51 1.74 -0.14	33.87 1.42 -0.17	36.03 0.83 -0.54	37.30 0.69 -0.37	45.56 0.54 -0.42	58.85 0.00 0.01	60.90 0.30 0.01	57.27 -0.11 0.01	49.37 0.30 0.01	39.60 0.78 0.01	35.84 0.67 0.00	31.86 0.72 0.00
BALL_HILL_WT_PWR 323825	26.65 -0.68 0.00	25.37 -0.36 0.00	23.70 -0.24 0.00	22.56 -0.39 0.00	23.27 -0.35 0.00	24.25 -0.62 0.00	31.57 -0.83 -0.37	33.98 -1.34 0.00	30.12 -0.74 0.00	25.84 -0.47 0.00	25.34 -0.41 0.00	26.01 -0.16 0.00	27.63 0.00 0.00	31.79 -0.48 0.00	34.17 -0.49 0.00	35.91 -0.58 -0.26	44.11 -0.53 -0.04	59.69 -0.77 -1.60	61.95 -0.57 -2.62	59.34 -0.57 -2.53	49.64 -0.98 -1.54	39.61 -0.39 -1.16	36.48 0.35 -0.95	32.48 0.59 -0.75
BARON_WINDS___WT_PWR 323822	26.67 -0.66 0.00	25.24 -0.49 0.00	23.53 -0.41 0.00	22.45 -0.51 0.00	23.15 -0.47 0.00	24.25 -0.62 0.00	31.86 -0.61 -0.43	34.37 -0.95 0.00	30.12 -0.74 0.00	25.69 -0.63 0.00	25.11 -0.64 0.00	25.70 -0.47 0.00	27.30 -0.33 0.00	31.57 -0.71 0.00	33.93 -0.73 0.00	35.79 -0.76 -0.31	44.02 -0.62 -0.04	60.23 -0.59 -1.95	63.14 -0.67 -3.20	60.48 0.00 -3.09	50.57 -0.39 -1.88	40.10 -0.15 -1.42	36.59 0.25 -1.17	32.43 0.38 -0.91
BARRETT_IC_1 23704	28.07 0.74 0.00	26.21 0.49 0.00	24.37 0.43 0.00	23.39 0.44 0.00	23.97 0.35 0.00	25.44 0.57 0.00	33.09 1.06 0.00	36.35 1.03 0.00	32.34 1.48 0.00	27.66 1.34 0.00	27.27 1.52 0.00	27.63 1.46 0.00	29.26 1.49 -0.14	33.51 1.06 -0.17	35.68 0.48 -0.53	37.04 0.44 -0.36	45.59 0.58 -0.41	59.20 0.36 0.02	61.13 0.54 0.02	57.49 0.12 0.02	49.42 0.35 0.02	39.21 0.39 0.01	35.53 0.35 0.00	31.67 0.53 0.00
BARRETT_IC_10 23701	28.07 0.74 0.00	26.21 0.49 0.00	24.37 0.43 0.00	23.39 0.44 0.00	23.97 0.35 0.00	25.44 0.57 0.00	33.09 1.06 0.00	36.35 1.03 0.00	32.34 1.48 0.00	27.66 1.34 0.00	27.27 1.52 0.00	27.63 1.46 0.00	29.26 1.49 -0.14	33.51 1.06 -0.17	35.68 0.48 -0.53	37.04 0.44 -0.36	45.59 0.58 -0.41	59.20 0.36 0.02	61.13 0.54 0.02	57.49 0.12 0.02	49.42 0.35 0.02	39.21 0.39 0.01	35.53 0.35 0.00	31.67 0.53 0.00
BARRETT_IC_11 23702	28.07 0.74 0.00	26.21 0.49 0.00	24.37 0.43 0.00	23.39 0.44 0.00	23.97 0.35 0.00	25.44 0.57 0.00	33.09 1.06 0.00	36.35 1.03 0.00	32.34 1.48 0.00	27.66 1.34 0.00	27.27 1.52 0.00	27.63 1.46 0.00	29.26 1.49 -0.14	33.51 1.06 -0.17	35.68 0.48 -0.53	37.04 0.44 -0.36	45.59 0.58 -0.41	59.20 0.36 0.02	61.13 0.54 0.02	57.49 0.12 0.02	49.42 0.35 0.02	39.21 0.39 0.01	35.53 0.35 0.00	31.67 0.53 0.00
BARRETT_IC_12 23703	28.07 0.74 0.00	26.21 0.49 0.00	24.37 0.43 0.00	23.39 0.44 0.00	23.97 0.35 0.00	25.44 0.57 0.00	33.09 1.06 0.00	36.35 1.03 0.00	32.34 1.48 0.00	27.66 1.34 0.00	27.27 1.52 0.00	27.63 1.46 0.00	29.26 1.49 -0.14	33.51 1.06 -0.17	35.68 0.48 -0.53	37.04 0.44 -0.36	45.59 0.58 -0.41	59.20 0.36 0.02	61.13 0.54 0.02	57.49 0.12 0.02	49.42 0.35 0.02	39.21 0.39 0.01	35.53 0.35 0.00	31.67 0.53 0.00
BARRETT_IC_2 23705	28.07 0.74 0.00	26.21 0.49 0.00	24.37 0.43 0.00	23.39 0.44 0.00	23.97 0.35 0.00	25.44 0.57 0.00	33.09 1.06 0.00	36.35 1.03 0.00	32.34 1.48 0.00	27.66 1.34 0.00	27.27 1.52 0.00	27.63 1.46 0.00	29.26 1.49 -0.14	33.51 1.06 -0.17	35.68 0.48 -0.53	37.04 0.44 -0.36	45.59 0.58 -0.41	59.20 0.36 0.02	61.13 0.54 0.02	57.49 0.12 0.02	49.42 0.35 0.02	39.21 0.39 0.01	35.53 0.35 0.00	31.67 0.53 0.00
BARRETT_IC_3 23706	28.07 0.74 0.00	26.21 0.49 0.00	24.37 0.43 0.00	23.39 0.44 0.00	23.97 0.35 0.00	25.44 0.57 0.00	33.09 1.06 0.00	36.35 1.03 0.00	32.34 1.48 0.00	27.66 1.34 0.00	27.27 1.52 0.00	27.63 1.46 0.00	29.26 1.49 -0.14	33.51 1.06 -0.17	35.68 0.48 -0.53	37.04 0.44 -0.36	45.59 0.58 -0.41	59.20 0.36 0.02	61.13 0.54 0.02	57.49 0.12 0.02	49.42 0.35 0.02	39.21 0.39 0.01	35.53 0.35 0.00	31.67 0.53 0.00
BARRETT_IC_4 23707	28.07 0.74 0.00	26.21 0.49 0.00	24.37 0.43 0.00	23.39 0.44 0.00	23.97 0.35 0.00	25.44 0.57 0.00	33.09 1.06 0.00	36.35 1.03 0.00	32.34 1.48 0.00	27.66 1.34 0.00	27.27 1.52 0.00	27.63 1.46 0.00	29.26 1.49 -0.14	33.51 1.06 -0.17	35.68 0.48 -0.53	37.04 0.44 -0.36	45.59 0.58 -0.41	59.20 0.36 0.02	61.13 0.54 0.02	57.49 0.12 0.02	49.42 0.35 0.02	39.21 0.39 0.01	35.53 0.35 0.00	31.67 0.53 0.00
BARRETT_IC_5 23708	28.07 0.74 0.00	26.21 0.49 0.00	24.37 0.43 0.00	23.39 0.44 0.00	23.97 0.35 0.00	25.44 0.57 0.00	33.09 1.06 0.00	36.35 1.03 0.00	32.34 1.48 0.00	27.66 1.34 0.00	27.27 1.52 0.00	27.63 1.46 0.00	29.26 1.49 -0.14	33.51 1.06 -0.17	35.68 0.48 -0.53	37.04 0.44 -0.36	45.59 0.58 -0.41	59.20 0.36 0.02	61.13 0.54 0.02	57.49 0.12 0.02	49.42 0.35 0.02	39.21 0.39 0.01	35.53 0.35 0.00	31.67 0.53 0.00

BARRETT_IC_6 23709	28.07 0.74 0.00	26.21 0.49 0.00	24.37 0.43 0.00	23.39 0.44 0.00	23.97 0.35 0.00	25.44 0.57 0.00	33.09 1.06 0.00	36.35 1.03 0.00	32.34 1.48 0.00	27.66 1.34 0.00	27.27 1.52 0.00	27.63 1.46 0.00	29.26 1.49 -0.14	33.51 1.06 -0.17	35.68 0.48 -0.53	37.04 0.44 -0.36	45.59 0.58 -0.41	59.20 0.36 0.02	61.13 0.54 0.02	57.49 0.12 0.02	49.42 0.35 0.02	39.21 0.39 0.01	35.53 0.35 0.00	31.67 0.53 0.00
BARRETT_IC_7 23710	28.10 0.77 0.00	26.22 0.49 0.00	24.37 0.43 0.00	23.39 0.44 0.00	23.97 0.35 0.00	25.44 0.57 0.00	33.06 1.03 0.00	36.35 1.02 0.00	32.34 1.48 0.00	27.66 1.34 0.00	27.27 1.52 0.00	27.63 1.47 0.00	29.26 1.49 -0.14	33.48 1.03 -0.17	35.68 0.49 -0.54	37.04 0.43 -0.37	45.64 0.62 -0.42	59.26 0.41 0.01	61.20 0.61 0.01	57.61 0.23 0.01	49.42 0.34 0.01	39.21 0.39 0.01	35.74 0.56 0.00	31.61 0.47 0.00
BARRETT_IC_8 23711	28.07 0.74 0.00	26.21 0.49 0.00	24.37 0.43 0.00	23.39 0.44 0.00	23.97 0.35 0.00	25.44 0.57 0.00	33.09 1.06 0.00	36.35 1.03 0.00	32.34 1.48 0.00	27.66 1.34 0.00	27.27 1.52 0.00	27.63 1.46 0.00	29.26 1.49 -0.14	33.51 1.06 -0.17	35.68 0.48 -0.53	37.04 0.44 -0.36	45.59 0.58 -0.41	59.20 0.36 0.02	61.13 0.54 0.02	57.49 0.12 0.02	49.42 0.35 0.02	39.21 0.39 0.01	35.53 0.35 0.00	31.67 0.53 0.00
BARRETT_IC_9 23700	28.07 0.74 0.00	26.21 0.49 0.00	24.37 0.43 0.00	23.39 0.44 0.00	23.97 0.35 0.00	25.44 0.57 0.00	33.09 1.06 0.00	36.35 1.03 0.00	32.34 1.48 0.00	27.66 1.34 0.00	27.27 1.52 0.00	27.63 1.46 0.00	29.26 1.49 -0.14	33.51 1.06 -0.17	35.68 0.48 -0.53	37.04 0.44 -0.36	45.59 0.58 -0.41	59.20 0.36 0.02	61.13 0.54 0.02	57.49 0.12 0.02	49.42 0.35 0.02	39.21 0.39 0.01	35.53 0.35 0.00	31.67 0.53 0.00
BARRETT___1 23545	28.07 0.74 0.00	26.21 0.49 0.00	24.37 0.43 0.00	23.39 0.44 0.00	23.97 0.35 0.00	25.44 0.57 0.00	33.09 1.06 0.00	36.35 1.03 0.00	32.34 1.48 0.00	27.66 1.34 0.00	27.27 1.52 0.00	27.63 1.46 0.00	29.26 1.49 -0.14	33.51 1.06 -0.17	35.68 0.48 -0.53	37.04 0.44 -0.36	45.59 0.58 -0.41	59.20 0.36 0.02	61.13 0.54 0.02	57.49 0.12 0.02	49.42 0.35 0.02	39.21 0.39 0.01	35.53 0.35 0.00	31.67 0.53 0.00
BARRETT___2 23546	28.07 0.74 0.00	26.21 0.49 0.00	24.37 0.43 0.00	23.39 0.44 0.00	23.97 0.35 0.00	25.44 0.57 0.00	33.09 1.06 0.00	36.35 1.03 0.00	32.34 1.48 0.00	27.66 1.34 0.00	27.27 1.52 0.00	27.63 1.46 0.00	29.26 1.49 -0.14	33.51 1.06 -0.17	35.68 0.48 -0.53	37.04 0.44 -0.36	45.59 0.58 -0.41	59.20 0.36 0.02	61.13 0.54 0.02	57.49 0.12 0.02	49.42 0.35 0.02	39.21 0.39 0.01	35.53 0.35 0.00	31.67 0.53 0.00
BATAVIA__115KV_TB1 55881	27.33 0.00 0.00	26.06 0.33 0.00	24.39 0.45 0.00	23.18 0.23 0.00	24.00 0.38 0.00	25.06 0.20 0.00	32.55 0.16 -0.35	35.36 0.04 0.00	31.23 0.37 0.00	26.66 0.34 0.00	26.11 0.36 0.00	26.69 0.52 0.00	28.38 0.75 0.00	32.79 0.52 0.00	35.18 0.52 0.00	37.24 0.76 -0.24	45.31 0.67 -0.03	61.13 0.77 -1.51	63.74 0.67 -2.47	60.75 0.98 -2.38	51.07 0.54 -1.45	40.55 0.62 -1.10	37.16 1.09 -0.90	33.25 1.40 -0.70
BAYONEEC___CTG1 323682	28.45 1.12 0.00	26.68 0.95 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.79 0.92 0.00	33.74 1.70 0.00	37.23 1.91 0.00	32.71 1.85 0.00	27.95 1.63 0.00	27.40 1.65 0.00	27.77 1.60 0.00	29.49 1.71 -0.14	34.00 1.55 -0.17	36.73 1.52 -0.55	38.18 1.56 -0.38	46.95 1.92 -0.43	61.41 1.94 -0.61	62.78 2.12 -0.07	59.62 1.55 -0.68	51.19 1.57 -0.53	40.27 1.44 0.00	36.48 1.30 0.00	32.23 1.09 0.00
BAYONEEC___CTG10 323750	28.45 1.12 0.00	26.68 0.95 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.79 0.92 0.00	33.74 1.70 0.00	37.23 1.91 0.00	32.71 1.85 0.00	27.95 1.63 0.00	27.40 1.65 0.00	27.77 1.60 0.00	29.49 1.71 -0.14	34.00 1.55 -0.17	36.73 1.52 -0.55	38.18 1.56 -0.38	46.95 1.92 -0.43	61.41 1.94 -0.61	62.78 2.12 -0.07	59.62 1.55 -0.68	51.19 1.57 -0.53	40.27 1.44 0.00	36.48 1.30 0.00	32.23 1.09 0.00
BAYONEEC___CTG2 323683	28.45 1.12 0.00	26.68 0.95 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.79 0.92 0.00	33.74 1.70 0.00	37.23 1.91 0.00	32.71 1.85 0.00	27.95 1.63 0.00	27.40 1.65 0.00	27.77 1.60 0.00	29.49 1.71 -0.14	34.00 1.55 -0.17	36.73 1.52 -0.55	38.18 1.56 -0.38	46.95 1.92 -0.43	61.41 1.94 -0.61	62.78 2.12 -0.07	59.62 1.55 -0.68	51.19 1.57 -0.53	40.27 1.44 0.00	36.48 1.30 0.00	32.23 1.09 0.00
BAYONEEC___CTG3 323684	28.45 1.12 0.00	26.68 0.95 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.79 0.92 0.00	33.74 1.70 0.00	37.23 1.91 0.00	32.71 1.85 0.00	27.95 1.63 0.00	27.40 1.65 0.00	27.77 1.60 0.00	29.49 1.71 -0.14	34.00 1.55 -0.17	36.73 1.52 -0.55	38.18 1.56 -0.38	46.95 1.92 -0.43	61.41 1.94 -0.61	62.78 2.12 -0.07	59.62 1.55 -0.68	51.19 1.57 -0.53	40.27 1.44 0.00	36.48 1.30 0.00	32.23 1.09 0.00
BAYONEEC___CTG4 323685	28.45 1.12 0.00	26.68 0.95 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.79 0.92 0.00	33.74 1.70 0.00	37.23 1.91 0.00	32.71 1.85 0.00	27.95 1.63 0.00	27.40 1.65 0.00	27.77 1.60 0.00	29.49 1.71 -0.14	34.00 1.55 -0.17	36.73 1.52 -0.55	38.18 1.56 -0.38	46.95 1.92 -0.43	61.41 1.94 -0.61	62.78 2.12 -0.07	59.62 1.55 -0.68	51.19 1.57 -0.53	40.27 1.44 0.00	36.48 1.30 0.00	32.23 1.09 0.00
BAYONEEC___CTG5 323686	28.45 1.12 0.00	26.68 0.95 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.79 0.92 0.00	33.74 1.70 0.00	37.23 1.91 0.00	32.71 1.85 0.00	27.95 1.63 0.00	27.40 1.65 0.00	27.77 1.60 0.00	29.49 1.71 -0.14	34.00 1.55 -0.17	36.73 1.52 -0.55	38.18 1.56 -0.38	46.95 1.92 -0.43	61.41 1.94 -0.61	62.78 2.12 -0.07	59.62 1.55 -0.68	51.19 1.57 -0.53	40.27 1.44 0.00	36.48 1.30 0.00	32.23 1.09 0.00
BAYONEEC___CTG6 323687	28.45 1.12 0.00	26.68 0.95 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.79 0.92 0.00	33.74 1.70 0.00	37.23 1.91 0.00	32.71 1.85 0.00	27.95 1.63 0.00	27.40 1.65 0.00	27.77 1.60 0.00	29.49 1.71 -0.14	34.00 1.55 -0.17	36.73 1.52 -0.55	38.18 1.56 -0.38	46.95 1.92 -0.43	61.41 1.94 -0.61	62.78 2.12 -0.07	59.62 1.55 -0.68	51.19 1.57 -0.53	40.27 1.44 0.00	36.48 1.30 0.00	32.23 1.09 0.00
BAYONEEC___CTG7 323688	28.45 1.12 0.00	26.68 0.95 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.79 0.92 0.00	33.74 1.70 0.00	37.23 1.91 0.00	32.71 1.85 0.00	27.95 1.63 0.00	27.40 1.65 0.00	27.77 1.60 0.00	29.49 1.71 -0.14	34.00 1.55 -0.17	36.73 1.52 -0.55	38.18 1.56 -0.38	46.95 1.92 -0.43	61.41 1.94 -0.61	62.78 2.12 -0.07	59.62 1.55 -0.68	51.19 1.57 -0.53	40.27 1.44 0.00	36.48 1.30 0.00	32.23 1.09 0.00

BAYONEEC___CTG8 323689	28.45 1.12 0.00	26.68 0.95 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.79 0.92 0.00	33.74 1.70 0.00	37.23 1.91 0.00	32.71 1.85 0.00	27.95 1.63 0.00	27.40 1.65 0.00	27.77 1.60 0.00	29.49 1.71 -0.14	34.00 1.55 -0.17	36.73 1.52 -0.55	38.18 1.56 -0.38	46.95 1.92 -0.43	61.41 1.94 -0.61	62.78 2.12 -0.07	59.62 1.55 -0.68	51.19 1.57 -0.53	40.27 1.44 0.00	36.48 1.30 0.00	32.23 1.09 0.00
BAYONEEC___CTG9 323749	28.45 1.12 0.00	26.68 0.95 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.79 0.92 0.00	33.74 1.70 0.00	37.23 1.91 0.00	32.71 1.85 0.00	27.95 1.63 0.00	27.40 1.65 0.00	27.77 1.60 0.00	29.49 1.71 -0.14	34.00 1.55 -0.17	36.73 1.52 -0.55	38.18 1.56 -0.38	46.95 1.92 -0.43	61.41 1.94 -0.61	62.78 2.12 -0.07	59.62 1.55 -0.68	51.19 1.57 -0.53	40.27 1.44 0.00	36.48 1.30 0.00	32.23 1.09 0.00
BEACON___LESR 323632	27.68 0.35 0.00	26.09 0.36 0.00	24.32 0.38 0.00	23.34 0.39 0.00	23.95 0.33 0.00	25.26 0.40 0.00	32.68 0.64 0.00	36.10 0.78 0.00	31.32 0.46 0.00	26.69 0.37 0.00	26.06 0.31 0.00	26.40 0.23 0.00	27.77 0.25 0.11	32.24 0.10 0.14	34.21 0.00 0.45	35.97 0.04 0.31	44.35 0.09 0.34	58.92 0.06 0.00	60.90 0.30 0.00	57.50 0.12 0.00	49.43 0.35 0.00	38.95 0.12 0.00	35.21 0.04 0.00	31.30 0.16 0.00
BEAVER RIVER___HYD 24048	27.50 0.16 0.00	25.83 0.08 -0.03	24.01 0.07 0.00	23.00 0.05 0.00	23.81 0.19 0.00	26.85 0.30 -1.68	50.31 0.58 -17.69	61.91 0.92 -25.67	59.48 0.71 -27.91	46.85 0.37 -20.16	45.15 0.28 -19.12	56.95 0.44 -30.33	46.68 0.42 -18.63	32.83 0.55 0.00	40.14 0.59 -4.89	41.27 0.80 -4.24	47.80 0.85 -2.36	72.22 1.53 -11.84	74.93 2.12 -12.21	76.32 2.30 -16.64	68.66 1.82 -17.76	60.69 1.67 -20.19	53.95 1.34 -17.44	51.22 0.75 -19.34
BEEBEE_GT_13 23619	27.08 -0.25 0.00	25.68 -0.05 0.00	23.98 0.05 0.00	22.86 -0.09 0.00	23.62 0.00 0.00	24.74 -0.12 0.00	32.35 -0.03 -0.34	35.29 -0.04 0.00	30.98 0.12 0.00	26.45 0.13 0.00	25.93 0.18 0.00	26.48 0.31 0.00	28.08 0.44 0.00	32.57 0.29 0.00	34.93 0.28 0.00	36.90 0.43 -0.23	44.99 0.36 -0.03	60.62 0.35 -1.40	63.14 0.24 -2.30	59.95 0.34 -2.22	50.58 0.15 -1.35	40.05 0.19 -1.02	36.43 0.42 -0.84	32.39 0.59 -0.65
BENSHRST_27_KV_BENSHRST_1 355998	28.62 1.28 0.00	26.81 1.08 0.00	24.89 0.96 0.00	23.85 0.90 0.00	24.47 0.85 0.00	25.81 0.94 0.00	33.80 1.76 0.00	37.34 2.01 0.00	32.86 2.01 0.00	28.11 1.79 0.00	27.50 1.75 0.00	27.90 1.73 0.00	29.65 1.88 -0.14	34.22 1.78 -0.17	37.01 1.80 -0.55	38.61 1.99 -0.38	47.30 2.27 -0.42	62.33 2.88 -0.59	63.81 3.15 -0.06	60.62 2.58 -0.65	51.95 2.36 -0.51	40.62 1.79 0.00	36.79 1.62 0.00	32.39 1.25 0.00
BETHLEHEM___GRP 23843	27.36 0.03 0.00	25.75 0.03 0.00	24.01 0.07 0.00	23.04 0.09 0.00	23.67 0.05 0.00	24.94 0.07 0.00	32.20 0.16 0.00	35.57 0.25 0.00	30.92 0.06 0.00	26.34 0.03 0.00	25.75 0.00 0.00	26.12 -0.05 0.00	27.48 -0.06 0.10	31.89 -0.26 0.13	33.82 -0.42 0.42	35.44 -0.51 0.29	43.66 -0.62 0.32	58.04 -0.82 0.00	59.81 -0.79 0.00	56.53 -0.86 0.00	48.59 -0.49 0.00	38.33 -0.50 0.00	34.68 -0.49 0.00	30.80 -0.34 0.00
BETHLEHEM___GS1 323560	27.33 0.00 0.00	25.75 0.03 0.00	24.01 0.07 0.00	23.04 0.09 0.00	23.67 0.05 0.00	24.94 0.07 0.00	32.20 0.16 0.00	35.57 0.25 0.00	30.95 0.09 0.00	26.34 0.03 0.00	25.75 0.00 0.00	26.12 -0.05 0.00	27.48 -0.06 0.10	31.89 -0.26 0.13	33.82 -0.41 0.42	35.48 -0.47 0.29	43.66 -0.62 0.32	57.98 -0.88 0.00	59.81 -0.79 0.00	56.47 -0.92 0.00	48.59 -0.49 0.00	38.32 -0.51 0.00	34.68 -0.49 0.00	30.83 -0.31 0.00
BETHLEHEM___GS2 323561	27.33 0.00 0.00	25.75 0.03 0.00	24.01 0.07 0.00	23.04 0.09 0.00	23.67 0.05 0.00	24.94 0.07 0.00	32.20 0.16 0.00	35.57 0.25 0.00	30.95 0.09 0.00	26.34 0.03 0.00	25.75 0.00 0.00	26.12 -0.05 0.00	27.48 -0.06 0.10	31.89 -0.26 0.13	33.82 -0.41 0.42	35.48 -0.47 0.29	43.66 -0.62 0.32	57.98 -0.88 0.00	59.81 -0.79 0.00	56.47 -0.92 0.00	48.59 -0.49 0.00	38.32 -0.51 0.00	34.68 -0.49 0.00	30.83 -0.31 0.00
BETHLEHEM___GS3 323562	27.33 0.00 0.00	25.75 0.03 0.00	24.01 0.07 0.00	23.04 0.09 0.00	23.67 0.05 0.00	24.94 0.07 0.00	32.20 0.16 0.00	35.57 0.25 0.00	30.95 0.09 0.00	26.34 0.03 0.00	25.75 0.00 0.00	26.12 -0.05 0.00	27.48 -0.06 0.10	31.89 -0.26 0.13	33.82 -0.41 0.42	35.48 -0.47 0.29	43.66 -0.62 0.32	57.98 -0.88 0.00	59.81 -0.79 0.00	56.47 -0.92 0.00	48.59 -0.49 0.00	38.32 -0.51 0.00	34.68 -0.49 0.00	30.83 -0.31 0.00
BETHLEHEM___STEEL 23779	26.62 -0.71 0.00	25.42 -0.31 0.00	23.77 -0.17 0.00	22.63 -0.32 0.00	23.31 -0.31 0.00	24.32 -0.55 0.00	31.63 -0.77 -0.36	34.05 -1.27 0.00	30.24 -0.62 0.00	25.92 -0.39 0.00	25.42 -0.33 0.00	26.06 -0.10 0.00	27.72 0.08 0.00	31.89 -0.39 0.00	34.28 -0.38 0.00	36.10 -0.40 -0.26	44.01 -0.62 -0.04	59.29 -1.18 -1.60	61.77 -1.45 -2.63	58.94 -0.98 -2.53	49.50 -1.13 -1.54	39.53 -0.47 -1.17	36.31 0.18 -0.96	32.67 0.78 -0.75
BETHLHEM_115KV_TB1 79974	27.44 0.11 0.00	25.83 0.10 0.00	24.05 0.12 0.00	23.11 0.16 0.00	23.71 0.09 0.00	24.99 0.12 0.00	32.30 0.26 0.00	35.64 0.32 0.00	31.01 0.15 0.00	26.42 0.11 0.00	25.83 0.08 0.00	26.19 0.03 0.00	27.56 0.03 0.10	32.00 -0.16 0.12	33.95 -0.31 0.39	35.60 -0.36 0.27	43.85 -0.45 0.30	58.21 -0.65 0.00	60.05 -0.55 0.00	56.70 -0.69 0.00	48.74 -0.34 0.00	38.48 -0.35 0.00	34.82 -0.35 0.00	30.89 -0.25 0.00
BETHPAGE_CC_5 323564	28.26 0.93 0.00	26.37 0.64 0.00	24.51 0.57 0.00	23.53 0.57 0.00	24.12 0.50 0.00	25.59 0.72 0.00	33.19 1.15 0.00	36.56 1.24 0.00	32.37 1.51 0.00	27.74 1.42 0.00	27.35 1.60 0.00	27.71 1.54 0.00	29.40 1.63 -0.14	33.70 1.26 -0.17	35.82 0.62 -0.54	37.12 0.51 -0.37	45.69 0.67 -0.42	59.32 0.47 0.01	61.32 0.73 0.01	57.67 0.29 0.01	49.47 0.39 0.01	39.33 0.50 0.01	35.60 0.42 0.00	31.70 0.56 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.59 -0.74 0.00	25.42 -0.31 0.00	23.74 -0.19 0.00	22.61 -0.34 0.00	23.31 -0.31 0.00	24.29 -0.57 0.00	31.64 -0.77 -0.37	34.05 -1.27 0.00	30.27 -0.59 0.00	25.92 -0.39 0.00	25.42 -0.33 0.00	26.06 -0.10 0.00	27.72 0.08 0.00	31.89 -0.39 0.00	34.28 -0.38 0.00	36.13 -0.36 -0.26	44.06 -0.58 -0.04	59.41 -1.06 -1.61	61.91 -1.33 -2.64	59.02 -0.92 -2.54	49.60 -1.03 -1.55	39.57 -0.43 -1.17	36.35 0.21 -0.96	32.67 0.78 -0.75
BINGHAMTON___COGEN 23790	27.41 0.08 0.00	25.86 0.13 0.00	24.08 0.14 0.00	23.02 0.07 0.00	23.71 0.09 0.00	24.94 0.07 0.00	32.80 0.32 -0.44	35.54 0.21 0.00	31.07 0.22 0.00	26.50 0.18 0.00	25.93 0.18 0.00	26.43 0.26 0.00	27.91 0.28 0.00	32.37 0.10 0.00	34.73 0.07 0.00	36.68 0.11 -0.33	44.92 0.27 -0.05	61.21 0.29 -2.05	64.15 0.18 -3.36	60.86 0.23 -3.24	51.20 0.15 -1.97	40.52 0.19 -1.49	36.72 0.32 -1.22	32.47 0.37 -0.96

BIXINCNT_115KV_LOAD 355685	26.07 -1.26 0.00	24.85 -0.87 0.00	23.22 -0.72 0.00	22.10 -0.85 0.00	22.77 -0.85 0.00	23.82 -1.04 0.00	31.16 -1.25 -0.37	33.49 -1.84 0.00	29.87 -0.99 0.00	25.61 -0.71 0.00	24.98 -0.77 0.00	25.65 -0.52 0.00	27.27 -0.36 0.00	31.54 -0.74 0.00	34.00 -0.66 0.00	35.96 -0.54 -0.26	44.02 -0.62 -0.04	59.69 -0.82 -1.65	62.34 -0.97 -2.71	59.43 -0.57 -2.61	49.94 -0.74 -1.59	39.72 -0.31 -1.20	36.41 0.25 -0.99	32.75 0.84 -0.77
BLACK RIVER___HYD 24047	27.85 0.52 0.00	26.13 0.39 -0.02	24.27 0.33 0.00	23.23 0.28 0.00	24.12 0.50 0.00	26.65 0.62 -1.16	45.76 1.15 -12.56	55.03 1.66 -18.04	51.77 1.30 -19.62	41.28 0.79 -14.17	39.86 0.67 -13.44	48.22 0.73 -21.32	41.45 0.72 -13.10	33.12 0.84 0.00	38.96 0.87 -3.44	40.70 1.27 -3.20	47.76 1.47 -1.69	71.01 2.47 -9.68	74.63 3.21 -10.82	74.68 3.44 -13.84	65.67 2.80 -13.79	56.46 2.45 -15.19	50.21 1.97 -13.07	46.49 1.12 -14.23
BLACKRVR_115KV_TB2 79977	27.85 0.52 0.00	26.13 0.39 -0.02	24.27 0.34 0.00	23.23 0.28 0.00	24.11 0.50 0.00	26.65 0.62 -1.16	45.76 1.15 -12.56	55.03 1.66 -18.04	51.78 1.30 -19.62	41.28 0.79 -14.17	39.86 0.67 -13.44	48.22 0.73 -21.32	41.45 0.72 -13.10	33.12 0.84 0.00	38.96 0.87 -3.44	40.70 1.27 -3.20	47.76 1.47 -1.69	71.01 2.47 -9.68	74.63 3.21 -10.82	74.68 3.44 -13.84	65.68 2.80 -13.79	56.46 2.45 -15.19	50.18 1.93 -13.07	46.55 1.18 -14.23
BLDWN_LI_69_KV_BK4 356085	28.26 0.93 0.00	26.40 0.67 0.00	24.51 0.57 0.00	23.55 0.60 0.00	24.11 0.50 0.00	25.59 0.72 0.00	33.29 1.25 0.00	36.70 1.38 0.00	32.53 1.67 0.00	27.84 1.53 0.00	27.45 1.70 0.00	27.82 1.65 0.00	29.48 1.71 -0.14	33.80 1.36 -0.17	36.03 0.83 -0.54	37.44 0.83 -0.37	46.14 1.12 -0.42	59.97 1.12 0.01	61.99 1.39 0.01	58.36 0.98 0.01	49.96 0.88 0.01	39.64 0.82 0.01	36.05 0.88 0.00	31.83 0.69 0.00
BLISS_WT_PWR 323608	25.99 -1.34 0.00	24.70 -1.03 0.00	23.05 -0.89 0.00	21.94 -1.01 0.00	22.63 -0.99 0.00	23.67 -1.19 0.00	30.97 -1.44 -0.37	33.31 -2.01 0.00	29.65 -1.20 0.00	25.50 -0.82 0.00	24.85 -0.90 0.00	25.49 -0.68 0.00	27.14 -0.50 0.00	31.44 -0.84 0.00	33.93 -0.73 0.00	35.74 -0.76 -0.26	43.92 -0.72 -0.04	59.87 -0.65 -1.65	62.40 -0.91 -2.71	59.66 -0.34 -2.61	49.94 -0.73 -1.59	39.72 -0.31 -1.20	36.51 0.35 -0.99	32.53 0.62 -0.77
BLUESTONE___WT_PWR 323821	28.26 0.93 0.00	26.55 0.82 0.00	24.68 0.74 0.00	23.59 0.64 0.00	24.47 0.85 0.00	25.81 0.94 0.00	34.12 1.70 -0.38	37.26 1.94 0.00	32.49 1.63 0.00	27.50 1.19 0.00	26.83 1.08 0.00	27.32 1.15 0.00	28.82 1.19 0.00	33.50 1.23 0.00	35.90 1.25 0.00	38.08 1.56 -0.28	46.87 2.23 -0.04	63.81 3.18 -1.77	66.95 3.45 -2.90	63.68 3.50 -2.79	53.63 2.85 -1.70	42.45 2.33 -1.29	38.27 2.04 -1.05	33.33 1.37 -0.82
BLUE_CIRC_CHEM_DRP 24182	27.74 0.41 0.00	26.11 0.39 0.00	24.34 0.41 0.00	23.37 0.41 0.00	24.00 0.38 0.00	25.26 0.40 0.00	32.65 0.61 0.00	35.96 0.64 0.00	31.17 0.31 0.00	26.50 0.18 0.00	25.85 0.10 0.00	26.19 0.03 0.00	27.66 0.08 0.05	32.15 -0.06 0.07	34.33 -0.10 0.22	35.98 -0.11 0.15	44.39 -0.04 0.17	58.80 -0.06 0.00	60.72 0.12 0.00	57.45 0.06 0.00	49.33 0.25 0.00	38.95 0.12 0.00	35.25 0.07 0.00	31.30 0.16 0.00
BOC_GAS_DRP 24189	27.60 0.27 0.00	26.01 0.28 0.00	24.20 0.26 0.00	23.23 0.28 0.00	23.85 0.24 0.00	25.14 0.27 0.00	32.52 0.48 0.00	35.85 0.53 0.00	31.26 0.40 0.00	26.66 0.34 0.00	26.06 0.31 0.00	26.43 0.26 0.00	27.87 0.30 0.06	32.33 0.13 0.08	34.47 0.07 0.26	36.06 0.00 0.18	44.41 0.00 0.20	58.80 -0.06 0.00	60.48 -0.12 0.00	57.16 -0.23 0.00	49.13 0.05 0.00	38.83 0.00 0.00	35.18 0.00 0.00	31.14 0.00 0.00
BOONVILLE_115KV_TB1 79983	27.63 0.30 0.00	25.97 0.23 -0.01	24.15 0.22 0.00	23.14 0.18 0.00	23.93 0.31 0.00	25.88 0.37 -0.64	39.60 0.74 -6.82	46.11 0.99 -9.79	42.31 0.80 -10.65	34.51 0.50 -7.69	33.48 0.44 -7.29	38.27 0.52 -11.57	35.30 0.55 -7.11	32.89 0.61 0.00	37.11 0.59 -1.87	38.71 0.80 -1.67	46.49 0.98 -0.91	65.25 1.53 -4.86	67.76 1.94 -5.23	66.23 1.95 -6.89	57.81 1.62 -7.11	48.15 1.36 -7.96	43.12 1.09 -6.86	39.33 0.65 -7.54
BORALEX_4TH_BRANCH 23824	28.42 1.09 0.00	26.65 0.93 0.00	24.80 0.86 0.00	23.82 0.87 0.00	24.45 0.83 0.00	25.74 0.87 0.00	33.42 1.38 0.00	36.81 1.48 0.00	31.94 1.08 0.00	27.13 0.82 0.00	26.50 0.75 0.00	26.85 0.68 0.00	27.99 0.66 0.31	32.38 0.48 0.39	33.88 0.49 1.26	35.80 0.43 0.87	44.21 0.58 0.97	59.92 1.06 0.00	61.81 1.21 0.00	58.36 0.98 0.00	50.31 1.23 0.00	39.49 0.66 0.00	35.74 0.56 0.00	31.73 0.59 0.00
BOWLINE___1 23526	28.26 0.93 0.00	26.53 0.80 0.00	24.65 0.72 0.00	23.64 0.69 0.00	24.26 0.64 0.00	25.61 0.75 0.00	33.42 1.38 0.00	36.77 1.45 0.00	32.25 1.39 0.00	27.55 1.24 0.00	26.99 1.24 0.00	27.37 1.20 0.00	29.03 1.27 -0.13	33.50 1.06 -0.16	36.18 1.01 -0.52	37.61 1.01 -0.36	46.29 1.29 -0.40	60.21 1.35 0.00	62.05 1.45 0.00	58.42 1.03 0.00	50.26 1.18 0.00	39.84 1.01 0.00	36.09 0.91 0.00	31.92 0.78 0.00
BOWLINE___2 23595	28.23 0.90 0.00	26.50 0.77 0.00	24.65 0.72 0.00	23.62 0.67 0.00	24.26 0.64 0.00	25.59 0.72 0.00	33.42 1.38 0.00	36.77 1.45 0.00	32.25 1.39 0.00	27.55 1.24 0.00	26.99 1.24 0.00	27.37 1.20 0.00	29.03 1.27 -0.13	33.50 1.06 -0.16	36.18 1.01 -0.52	37.57 0.98 -0.36	46.25 1.25 -0.40	60.15 1.29 0.00	62.05 1.45 0.00	58.42 1.03 0.00	50.22 1.13 0.00	39.80 0.97 0.00	36.09 0.91 0.00	31.89 0.75 0.00
BRADY___115KV_TB2 356060	27.80 0.46 0.00	26.26 0.44 -0.10	24.29 0.36 0.00	23.34 0.39 0.00	24.07 0.45 0.00	31.18 0.47 -5.84	92.28 0.26 -59.98	123.62 0.32 -87.98	126.74 0.22 -95.67	95.57 0.16 -69.10	91.43 0.15 -65.52	130.32 0.18 -103.97	91.65 0.17 -63.85	32.83 0.55 0.00	52.23 0.80 -16.78	50.75 0.83 -13.68	53.58 1.03 -7.95	95.79 1.65 -35.28	95.73 1.94 -33.19	108.07 2.01 -48.67	106.41 1.52 -55.80	105.37 1.16 -65.37	92.78 0.98 -56.62	95.77 0.81 -63.82
BRANSCOMB___SOLAR 323811	28.48 1.15 0.00	26.78 1.06 0.00	24.99 1.05 0.00	23.99 1.03 0.00	24.63 1.01 0.00	25.93 1.07 0.00	33.61 1.57 0.00	37.09 1.77 0.00	32.00 1.14 0.00	27.16 0.84 0.00	26.39 0.64 0.00	26.72 0.55 0.00	28.03 0.55 0.15	32.57 0.48 0.19	34.56 0.52 0.62	36.21 0.40 0.42	44.75 0.62 0.47	59.86 1.00 0.00	62.11 1.52 0.00	58.82 1.44 0.00	50.51 1.42 0.00	39.84 1.01 0.00	36.02 0.84 0.00	32.23 1.09 0.00
BRDGHMPT_69_KV_BK1 55812	28.21 0.87 0.00	26.24 0.51 0.00	24.39 0.45 0.00	23.50 0.55 0.00	24.07 0.45 0.00	25.59 0.72 0.00	33.32 1.28 0.00	36.95 1.62 0.00	32.74 1.88 0.00	28.08 1.76 0.00	27.73 1.98 0.00	28.08 1.91 0.00	29.76 1.99 -0.14	34.16 1.71 -0.17	36.31 1.11 -0.54	37.66 1.05 -0.37	46.63 1.61 -0.42	60.44 1.59 0.01	62.65 2.06 0.01	58.99 1.61 0.01	50.26 1.18 0.01	39.99 1.16 0.01	36.27 1.09 0.00	31.89 0.75 0.00



BRENTWOD_69_KV_W. BRTWOOD 56703	28.34 1.01 0.00	26.40 0.67 0.00	24.53 0.60 0.00	23.57 0.62 0.00	24.14 0.52 0.00	25.66 0.80 0.00	33.45 1.41 0.00	36.98 1.66 0.00	32.77 1.91 0.00	28.03 1.71 0.00	27.66 1.91 0.00	28.00 1.83 0.00	29.70 1.93 -0.14	34.09 1.65 -0.17	36.24 1.04 -0.54	37.59 0.98 -0.37	46.31 1.29 -0.42	60.09 1.24 0.01	62.23 1.64 0.01	58.59 1.21 0.01	50.06 0.98 0.01	39.79 0.97 0.01	36.27 1.09 0.00	31.98 0.84 0.00
BRISTLHL_115KV_TB1 79998	27.36 0.03 0.00	25.75 0.03 0.00	23.96 0.02 0.00	22.93 -0.02 0.00	23.64 0.02 0.00	25.02 0.02 -0.13	34.14 0.26 -1.84	37.66 0.32 -2.02	33.34 0.28 -2.20	28.09 0.18 -1.59	27.44 0.18 -1.51	28.82 0.26 -2.39	29.38 0.28 -1.47	32.44 0.16 0.00	35.18 0.14 -0.39	37.19 0.25 -0.70	45.20 0.36 -0.24	62.63 0.59 -3.18	65.74 0.48 -4.65	62.83 0.57 -4.87	52.99 0.34 -3.56	42.33 0.27 -3.23	38.14 0.25 -2.71	33.93 0.22 -2.57
BROOKHAVEN___DRP 24191	27.90 0.57 0.00	25.98 0.26 0.00	24.15 0.22 0.00	23.25 0.30 0.00	23.78 0.17 0.00	25.26 0.40 0.00	32.97 0.93 0.00	36.49 1.17 0.00	32.31 1.45 0.00	27.63 1.32 0.00	27.30 1.55 0.00	27.61 1.44 0.00	29.26 1.49 -0.14	33.58 1.13 -0.17	35.72 0.52 -0.54	36.97 0.36 -0.37	45.69 0.67 -0.42	59.21 0.35 0.01	61.38 0.79 0.01	57.73 0.34 0.01	49.32 0.25 0.01	39.25 0.43 0.01	35.70 0.53 0.00	31.45 0.31 0.00
BROOKLYN_NAVY_YARD 23515	28.42 1.09 0.00	26.65 0.92 0.00	24.77 0.84 0.00	23.73 0.78 0.00	24.37 0.76 0.00	25.76 0.89 0.00	33.74 1.70 0.00	37.19 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.37 1.62 0.00	27.74 1.57 0.00	29.46 1.69 -0.14	34.00 1.55 -0.17	36.70 1.49 -0.55	38.14 1.52 -0.38	46.90 1.87 -0.42	60.80 1.94 0.00	62.72 2.12 0.00	58.94 1.55 0.00	50.66 1.57 0.00	40.23 1.40 0.00	36.44 1.26 0.00	32.23 1.09 0.00
BROOKLYN___ARMY_DRP 323595	28.51 1.18 0.00	26.70 0.98 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.74 0.87 0.00	33.71 1.67 0.00	37.20 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.43 1.81 -0.38	47.08 2.05 -0.42	62.04 2.59 -0.59	63.44 2.79 -0.06	60.28 2.24 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.62 1.44 0.00	32.26 1.12 0.00
BROOME_2_LFGE 323671	27.44 0.11 0.00	25.86 0.13 0.00	24.08 0.14 0.00	23.02 0.07 0.00	23.74 0.12 0.00	24.94 0.07 0.00	32.80 0.32 -0.44	35.54 0.21 0.00	31.08 0.22 0.00	26.50 0.19 0.00	25.93 0.18 0.00	26.43 0.26 0.00	27.91 0.28 0.00	32.38 0.10 0.00	34.73 0.07 0.00	36.64 0.07 -0.33	44.92 0.27 -0.05	61.27 0.36 -2.05	64.15 0.18 -3.36	60.92 0.29 -3.24	51.20 0.15 -1.97	40.52 0.20 -1.49	36.75 0.35 -1.22	32.44 0.34 -0.96
BROOME___LFGE 323600	27.44 0.11 0.00	25.86 0.13 0.00	24.08 0.14 0.00	23.02 0.07 0.00	23.74 0.12 0.00	24.94 0.07 0.00	32.80 0.32 -0.44	35.54 0.21 0.00	31.08 0.22 0.00	26.50 0.19 0.00	25.93 0.18 0.00	26.43 0.26 0.00	27.91 0.28 0.00	32.38 0.10 0.00	34.73 0.07 0.00	36.64 0.07 -0.33	44.92 0.27 -0.05	61.27 0.36 -2.05	64.15 0.18 -3.36	60.92 0.29 -3.24	51.20 0.15 -1.97	40.52 0.20 -1.49	36.75 0.35 -1.22	32.44 0.34 -0.96
BROWNFLS_115KV_TB_3_5 80003	27.52 0.19 0.00	25.91 0.13 -0.05	24.03 0.10 0.00	23.07 0.11 0.00	23.83 0.21 0.00	28.18 0.27 -3.04	63.83 0.32 -31.47	81.83 0.57 -45.94	81.24 0.43 -49.95	62.66 0.26 -36.08	60.17 0.21 -34.21	80.77 0.31 -54.29	61.25 0.28 -33.34	32.79 0.52 0.00	44.08 0.66 -8.76	44.28 0.72 -7.32	49.45 0.67 -4.18	79.59 1.24 -19.50	81.33 1.64 -19.09	86.28 1.78 -27.11	80.58 1.33 -30.17	74.99 1.24 -34.92	66.40 1.02 -30.20	65.68 0.72 -33.82
BROWNSV1_27_KV_LOAD 356125	28.64 1.31 0.00	26.86 1.13 0.00	24.96 1.03 0.00	23.92 0.96 0.00	24.56 0.94 0.00	25.94 1.07 0.00	33.96 1.92 0.00	37.48 2.15 0.00	32.96 2.10 0.00	28.16 1.84 0.00	27.60 1.85 0.00	27.97 1.81 0.00	29.70 1.93 -0.14	34.29 1.84 -0.17	37.04 1.84 -0.55	38.54 1.92 -0.38	47.39 2.36 -0.42	61.51 2.65 0.00	63.39 2.79 0.00	59.63 2.24 0.00	51.20 2.11 0.00	40.62 1.79 0.00	36.79 1.62 0.00	32.42 1.28 0.00
BURROWS___LYONSDAL 23803	27.58 0.25 0.00	25.92 0.18 -0.01	24.08 0.14 0.00	23.07 0.11 0.00	23.88 0.26 0.00	26.04 0.32 -0.85	41.67 0.67 -8.95	49.15 0.92 -12.91	45.64 0.74 -14.04	36.90 0.45 -10.14	35.75 0.39 -9.61	41.92 0.50 -15.26	37.50 0.50 -9.37	32.86 0.58 0.00	37.71 0.59 -2.46	39.21 0.80 -2.18	46.73 0.94 -1.19	66.62 1.53 -6.23	69.14 1.94 -6.60	68.20 2.01 -8.80	59.95 1.67 -9.20	50.62 1.44 -10.36	45.27 1.16 -8.93	41.68 0.69 -9.85
CAITHNESS_CC_1 323624	27.91 0.57 0.00	25.98 0.26 0.00	24.15 0.21 0.00	23.25 0.30 0.00	23.79 0.17 0.00	25.26 0.40 0.00	33.00 0.96 0.00	36.49 1.16 0.00	32.31 1.45 0.00	27.63 1.32 0.00	27.30 1.54 0.00	27.61 1.44 0.00	29.26 1.49 -0.14	33.61 1.16 -0.17	35.72 0.52 -0.54	36.86 0.26 -0.37	45.42 0.40 -0.42	59.03 0.18 0.01	61.14 0.54 0.01	57.50 0.12 0.01	49.23 0.15 0.01	39.21 0.39 0.01	35.46 0.28 0.00	31.52 0.38 0.00
CALPINE BETH_PAGE_GT4 24209	28.26 0.93 0.00	26.37 0.64 0.00	24.51 0.57 0.00	23.55 0.60 0.00	24.11 0.50 0.00	25.59 0.72 0.00	33.19 1.15 0.00	36.56 1.24 0.00	32.37 1.51 0.00	27.74 1.42 0.00	27.35 1.60 0.00	27.71 1.54 0.00	29.40 1.63 -0.14	33.71 1.26 -0.17	35.79 0.59 -0.54	37.15 0.54 -0.37	45.78 0.76 -0.42	59.44 0.59 0.01	61.44 0.85 0.01	57.84 0.46 0.01	49.52 0.44 0.01	39.29 0.47 0.01	35.77 0.60 0.00	31.67 0.53 0.00
CALPINE_BETH_PAGE_GT_4 323586	28.26 0.93 0.00	26.37 0.64 0.00	24.51 0.57 0.00	23.53 0.57 0.00	24.12 0.50 0.00	25.59 0.72 0.00	33.23 1.19 0.00	36.59 1.27 0.00	32.37 1.51 0.00	27.74 1.42 0.00	27.35 1.60 0.00	27.71 1.54 0.00	29.40 1.63 -0.14	33.70 1.26 -0.17	35.79 0.59 -0.54	37.12 0.51 -0.37	45.69 0.67 -0.42	59.32 0.47 0.01	61.26 0.67 0.01	57.67 0.29 0.01	49.47 0.39 0.01	39.29 0.47 0.01	35.56 0.39 0.00	31.73 0.59 0.00
CALPINE_BP_GT1 23823	28.26 0.93 0.00	26.37 0.64 0.00	24.51 0.57 0.00	23.53 0.57 0.00	24.12 0.50 0.00	25.59 0.72 0.00	33.23 1.19 0.00	36.59 1.27 0.00	32.37 1.51 0.00	27.74 1.42 0.00	27.35 1.60 0.00	27.71 1.54 0.00	29.40 1.63 -0.14	33.70 1.26 -0.17	35.79 0.59 -0.54	37.12 0.51 -0.37	45.69 0.67 -0.42	59.32 0.47 0.01	61.26 0.67 0.01	57.67 0.29 0.01	49.47 0.39 0.01	39.29 0.47 0.01	35.56 0.39 0.00	31.73 0.59 0.00
CALSPAN___DRP 24200	26.62 -0.71 0.00	25.42 -0.31 0.00	23.77 -0.17 0.00	22.63 -0.32 0.00	23.31 -0.31 0.00	24.32 -0.55 0.00	31.63 -0.77 -0.36	34.05 -1.27 0.00	30.24 -0.62 0.00	25.92 -0.39 0.00	25.42 -0.33 0.00	26.06 -0.10 0.00	27.72 0.08 0.00	31.89 -0.39 0.00	34.28 -0.38 0.00	36.10 -0.40 -0.26	44.01 -0.62 -0.04	59.29 -1.18 -1.60	61.77 -1.45 -2.63	58.94 -0.98 -2.53	49.50 -1.13 -1.54	39.53 -0.47 -1.17	36.31 0.18 -0.96	32.67 0.78 -0.75

CALVERTON___SOLAR 323806	27.91 0.57 0.00	25.98 0.26 0.00	24.15 0.21 0.00	23.25 0.30 0.00	23.81 0.19 0.00	25.29 0.42 0.00	33.03 0.99 0.00	36.53 1.20 0.00	32.34 1.48 0.00	27.66 1.34 0.00	27.32 1.57 0.00	27.63 1.46 0.00	29.29 1.52 -0.14	33.61 1.16 -0.17	35.72 0.52 -0.54	36.90 0.29 -0.37	45.51 0.49 -0.42	59.21 0.36 0.01	61.32 0.73 0.01	57.67 0.29 0.01	49.37 0.30 0.01	39.33 0.50 0.01	35.53 0.35 0.00	31.55 0.40 0.00
CANDIGU_WT_PWR 323617	26.67 -0.66 0.00	25.24 -0.49 0.00	23.53 -0.41 0.00	22.45 -0.51 0.00	23.15 -0.47 0.00	24.25 -0.62 0.00	31.86 -0.61 -0.43	34.37 -0.95 0.00	30.12 -0.74 0.00	25.69 -0.63 0.00	25.11 -0.64 0.00	25.70 -0.47 0.00	27.30 -0.33 0.00	31.57 -0.71 0.00	33.93 -0.73 0.00	35.79 -0.76 -0.31	44.02 -0.62 -0.04	60.23 -0.59 -1.95	63.14 -0.67 -3.20	60.48 0.00 -3.09	50.57 -0.39 -1.88	40.10 -0.15 -1.42	36.59 0.25 -1.17	32.43 0.38 -0.91
CARR STREET_E_SYR 24060	27.11 -0.22 0.00	25.55 -0.18 0.00	23.77 -0.17 0.00	22.75 -0.21 0.00	23.45 -0.16 0.00	24.79 -0.20 -0.13	33.86 -0.06 -1.89	37.18 -0.07 -1.93	32.92 -0.03 -2.09	27.78 -0.05 -1.51	27.11 -0.08 -1.43	28.44 0.00 -2.28	29.03 0.00 -1.40	32.05 -0.22 0.00	34.68 -0.35 -0.37	36.62 -0.36 -0.75	44.44 -0.40 -0.24	62.02 -0.41 -3.57	65.31 -0.61 -5.31	62.41 -0.46 -5.48	52.50 -0.49 -3.90	41.90 -0.39 -3.46	37.80 -0.28 -2.90	33.56 -0.28 -2.70
CARTHAGE___PAPER 23857	27.66 0.33 0.00	25.95 0.20 -0.02	24.10 0.17 0.00	23.09 0.14 0.00	23.95 0.33 0.00	26.68 0.45 -1.36	47.42 0.83 -14.55	57.59 1.27 -20.99	54.64 0.96 -22.83	43.33 0.53 -16.49	41.82 0.44 -15.63	51.53 0.55 -24.81	43.39 0.52 -15.24	32.92 0.65 0.00	39.39 0.73 -4.00	40.85 1.01 -3.60	47.71 1.16 -1.95	71.38 2.00 -10.52	74.69 2.73 -11.36	75.24 2.93 -14.92	66.77 2.36 -15.33	58.01 2.06 -17.12	51.55 1.62 -14.76	48.28 0.93 -16.20
CASSADAGA_WT_PWR 323784	26.02 -1.31 0.00	24.75 -0.98 0.00	23.12 -0.81 0.00	22.01 -0.94 0.00	22.70 -0.92 0.00	23.72 -1.14 0.00	31.19 -1.22 -0.37	33.59 -1.73 0.00	29.93 -0.92 0.00	25.76 -0.55 0.00	25.24 -0.51 0.00	25.96 -0.21 0.00	27.72 0.08 0.00	31.96 -0.32 0.00	34.42 -0.24 0.00	36.39 -0.11 -0.26	44.99 0.36 -0.04	61.27 0.76 -1.64	63.60 0.30 -2.70	61.02 1.03 -2.60	51.01 0.35 -1.58	40.57 0.54 -1.20	37.31 1.16 -0.98	33.12 1.21 -0.77
CE_DUNWOOD___DRP 24194	28.34 1.01 0.00	26.60 0.87 0.00	24.72 0.79 0.00	23.71 0.76 0.00	24.35 0.73 0.00	25.69 0.82 0.00	33.54 1.51 0.00	36.98 1.66 0.00	32.43 1.57 0.00	27.71 1.39 0.00	27.17 1.42 0.00	27.53 1.36 0.00	29.23 1.46 -0.14	33.74 1.29 -0.17	36.45 1.25 -0.55	37.88 1.27 -0.38	46.59 1.56 -0.42	60.51 1.65 0.00	62.42 1.82 0.00	58.77 1.38 0.00	50.46 1.37 0.00	39.99 1.16 0.00	36.27 1.09 0.00	31.98 0.84 0.00
CE_MILLWOOD___DRP 24193	28.31 0.98 0.00	26.58 0.85 0.00	24.72 0.79 0.00	23.69 0.73 0.00	24.33 0.71 0.00	25.66 0.80 0.00	33.51 1.47 0.00	36.91 1.59 0.00	32.37 1.51 0.00	27.66 1.34 0.00	27.09 1.34 0.00	27.48 1.31 0.00	29.15 1.38 -0.13	33.64 1.19 -0.17	36.34 1.14 -0.54	37.77 1.16 -0.38	46.45 1.43 -0.42	60.39 1.53 0.00	62.30 1.70 0.00	58.65 1.26 0.00	50.41 1.33 0.00	39.92 1.09 0.00	36.20 1.02 0.00	31.92 0.78 0.00
CE_NYC2_DRP 24202	28.48 1.15 0.00	26.70 0.98 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.74 0.87 0.00	33.67 1.63 0.00	37.16 1.84 0.00	32.68 1.82 0.00	27.95 1.63 0.00	27.37 1.62 0.00	27.76 1.60 0.00	29.48 1.71 -0.14	34.00 1.55 -0.17	36.77 1.56 -0.55	38.28 1.67 -0.38	46.94 1.92 -0.42	61.10 2.24 0.00	63.02 2.42 0.00	59.23 1.84 0.00	50.85 1.77 0.00	40.31 1.48 0.00	36.55 1.37 0.00	32.20 1.06 0.00
CE_NYC_DRP 24195	28.48 1.15 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.80 0.85 0.00	24.42 0.80 0.00	25.81 0.94 0.00	33.77 1.73 0.00	37.27 1.94 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.42 1.67 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.80 1.59 -0.55	38.25 1.63 -0.38	47.03 2.01 -0.42	61.04 2.18 0.00	62.90 2.30 0.00	59.17 1.78 0.00	50.80 1.72 0.00	40.34 1.51 0.00	36.55 1.37 0.00	32.20 1.06 0.00
CHAFFEE___LFGE 323603	26.73 -0.60 0.00	25.44 -0.28 0.00	23.79 -0.14 0.00	22.65 -0.30 0.00	23.36 -0.26 0.00	24.34 -0.52 0.00	31.70 -0.71 -0.37	34.16 -1.16 0.00	30.36 -0.49 0.00	26.03 -0.29 0.00	25.52 -0.23 0.00	26.17 0.00 0.00	27.80 0.17 0.00	32.02 -0.26 0.00	34.38 -0.28 0.00	36.10 -0.40 -0.26	44.24 -0.40 -0.04	59.84 -0.65 -1.63	62.12 -1.15 -2.67	59.50 -0.46 -2.57	49.77 -0.88 -1.56	39.70 -0.31 -1.18	36.50 0.35 -0.97	32.49 0.59 -0.76
CHATEAUG_35_KV_LOAD 355732	27.08 -0.25 0.00	25.48 -0.26 -0.01	23.67 -0.26 0.00	22.81 -0.14 0.00	23.55 -0.07 0.00	25.50 -0.02 -0.66	38.65 -0.19 -6.81	45.24 -0.11 -10.03	41.85 0.09 -10.90	34.54 0.34 -7.88	33.66 0.44 -7.47	38.51 0.50 -11.85	35.38 0.47 -7.28	33.15 0.87 0.00	37.64 1.07 -1.91	38.99 1.20 -1.56	47.07 1.56 -0.91	65.18 2.30 -4.02	66.93 2.55 -3.78	65.58 2.64 -5.55	57.36 1.91 -6.36	47.60 1.32 -7.45	42.65 1.02 -6.45	39.26 0.84 -7.27
CHATEAUG_WT_PWR 323614	27.06 -0.27 0.00	25.45 -0.28 0.00	23.65 -0.29 0.00	22.82 -0.14 0.00	23.52 -0.09 0.00	25.07 -0.05 -0.26	34.49 -0.19 -2.64	39.13 -0.11 -3.91	35.21 0.09 -4.26	29.76 0.37 -3.07	29.15 0.49 -2.91	31.34 0.55 -4.62	31.00 0.52 -2.84	33.15 0.87 0.00	36.51 1.11 -0.75	38.04 1.19 -0.61	46.47 1.52 -0.35	62.61 2.18 -1.57	64.62 2.54 -1.48	62.08 2.52 -2.16	53.43 1.86 -2.48	42.98 1.24 -2.91	38.68 0.98 -2.52	34.79 0.81 -2.84
CHAT_HIGH_FALL_HYD 323578	27.08 -0.25 0.00	25.48 -0.26 -0.01	23.67 -0.26 0.00	22.81 -0.14 0.00	23.55 -0.07 0.00	25.50 -0.02 -0.66	38.65 -0.19 -6.81	45.24 -0.11 -10.03	41.85 0.09 -10.90	34.54 0.34 -7.88	33.66 0.44 -7.47	38.51 0.50 -11.85	35.38 0.47 -7.28	33.15 0.87 0.00	37.64 1.07 -1.91	38.99 1.20 -1.56	47.07 1.56 -0.91	65.18 2.30 -4.02	66.93 2.55 -3.78	65.58 2.64 -5.55	57.36 1.91 -6.36	47.60 1.32 -7.45	42.65 1.02 -6.45	39.26 0.84 -7.27
CHAUTAUQUA___LFGE 323629	26.57 -0.77 0.00	25.26 -0.46 0.00	23.62 -0.31 0.00	22.49 -0.46 0.00	23.17 -0.45 0.00	24.17 -0.70 0.00	31.57 -0.83 -0.37	33.95 -1.38 0.00	30.15 -0.71 0.00	25.92 -0.39 0.00	25.41 -0.34 0.00	26.09 -0.08 0.00	27.74 0.11 0.00	31.96 -0.32 0.00	34.34 -0.31 0.00	36.17 -0.33 -0.26	44.51 -0.13 -0.04	60.30 -0.18 -1.62	62.64 -0.61 -2.65	60.00 0.06 -2.55	50.15 -0.49 -1.55	39.97 -0.04 -1.18	36.81 0.67 -0.96	32.74 0.84 -0.75
CHERRYST_13_KV_LD 356241	28.56 1.23 0.00	26.78 1.05 0.00	24.89 0.96 0.00	23.85 0.90 0.00	24.49 0.87 0.00	25.86 0.99 0.00	33.87 1.83 0.00	37.37 2.05 0.00	32.86 2.01 0.00	28.08 1.76 0.00	27.50 1.75 0.00	27.90 1.73 0.00	29.62 1.85 -0.14	34.16 1.71 -0.17	36.94 1.73 -0.55	38.39 1.78 -0.38	47.21 2.19 -0.42	61.21 2.35 0.00	63.14 2.55 0.00	59.34 1.95 0.00	50.95 1.87 0.00	40.46 1.63 0.00	36.65 1.48 0.00	32.29 1.15 0.00

CHESTROR_138KV_BK263 355645	28.10 0.77 0.00	26.40 0.67 0.00	24.53 0.60 0.00	23.53 0.57 0.00	24.16 0.54 0.00	25.49 0.62 0.00	33.22 1.19 0.00	36.56 1.24 0.00	32.00 1.14 0.00	27.34 1.03 0.00	26.75 1.00 0.00	27.14 0.97 0.00	28.80 1.05 -0.12	33.23 0.81 -0.14	35.92 0.80 -0.47	37.36 0.80 -0.32	45.99 1.03 -0.36	59.98 1.12 0.00	61.81 1.21 0.00	58.31 0.92 0.00	50.02 0.93 0.00	39.65 0.82 0.00	35.91 0.74 0.00	31.70 0.56 0.00
CH_MIDHUDSON___DRP 24192	28.29 0.96 0.00	26.58 0.85 0.00	24.70 0.77 0.00	23.69 0.73 0.00	24.30 0.68 0.00	25.64 0.77 0.00	33.45 1.41 0.00	36.81 1.48 0.00	32.22 1.36 0.00	27.50 1.18 0.00	26.91 1.16 0.00	27.27 1.10 0.00	28.91 1.19 -0.09	33.35 0.97 -0.11	35.98 0.97 -0.35	37.46 0.98 -0.24	46.08 1.20 -0.27	60.21 1.35 0.00	62.11 1.51 0.00	58.59 1.21 0.00	50.31 1.23 0.00	39.84 1.01 0.00	36.05 0.88 0.00	31.83 0.69 0.00
CH_MISC_IPPS 23765	28.40 1.06 0.00	26.68 0.95 0.00	24.79 0.86 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.74 0.87 0.00	33.61 1.57 0.00	36.95 1.63 0.00	32.34 1.48 0.00	27.61 1.29 0.00	27.01 1.26 0.00	27.35 1.18 0.00	29.03 1.30 -0.10	33.50 1.10 -0.12	36.21 1.14 -0.41	37.68 1.16 -0.28	46.34 1.43 -0.31	60.51 1.65 0.00	62.48 1.88 0.00	58.88 1.49 0.00	50.61 1.52 0.00	40.07 1.24 0.00	36.23 1.05 0.00	32.07 0.93 0.00
CH_RES_BVR_FALLS 23983	26.65 -0.68 0.00	25.08 -0.64 0.00	23.34 -0.60 0.00	22.40 -0.55 0.00	23.08 -0.54 0.00	24.16 -0.55 0.16	29.64 -0.80 1.60	32.19 -0.81 2.32	27.71 -0.62 2.53	24.07 -0.42 1.83	23.68 -0.34 1.73	23.11 -0.31 2.75	25.62 -0.33 1.69	32.02 -0.26 0.00	34.01 -0.21 0.44	35.66 -0.22 0.36	44.13 -0.27 0.21	57.69 -0.23 0.93	59.54 -0.18 0.88	55.93 -0.17 1.29	47.37 -0.24 1.47	36.87 -0.23 1.73	33.40 -0.28 1.50	29.17 -0.28 1.69
CH_RES_NIAGARA 23895	26.05 -1.28 0.00	24.95 -0.77 0.00	23.34 -0.60 0.00	22.22 -0.73 0.00	22.91 -0.71 0.00	23.85 -1.02 0.00	30.89 -1.51 -0.35	33.31 -2.01 0.00	29.56 -1.30 0.00	25.32 -1.00 0.00	24.85 -0.90 0.00	25.49 -0.68 0.00	27.05 -0.58 0.00	31.12 -1.16 0.00	33.44 -1.21 0.00	35.11 -1.38 -0.25	42.63 -2.01 -0.03	57.28 -3.12 -1.54	59.55 -3.58 -2.53	56.90 -2.93 -2.43	47.82 -2.75 -1.48	38.32 -1.63 -1.12	35.28 -0.81 -0.92	32.08 0.22 -0.72
CH_RES_SYRACUSE 23985	27.25 -0.08 0.00	25.65 -0.08 0.00	23.86 -0.07 0.00	22.84 -0.11 0.00	23.55 -0.07 0.00	24.88 -0.10 -0.11	34.13 0.10 -1.99	37.04 0.07 -1.64	32.71 0.06 -1.79	27.64 0.03 -1.29	27.00 0.03 -1.23	28.19 0.08 -1.94	28.94 0.11 -1.19	32.25 -0.03 0.00	34.90 -0.07 -0.31	37.12 -0.04 -0.92	44.84 0.00 -0.24	63.82 0.18 -4.78	68.05 0.06 -7.39	64.99 0.17 -7.42	54.08 0.00 -5.00	43.04 0.00 -4.21	38.72 0.04 -3.51	34.28 0.03 -3.11
CLINTON_WT_PWR 323605	27.06 -0.27 0.00	25.45 -0.28 0.00	23.65 -0.29 0.00	22.82 -0.14 0.00	23.52 -0.09 0.00	25.07 -0.05 -0.26	34.49 -0.19 -2.64	39.13 -0.11 -3.91	35.21 0.09 -4.26	29.76 0.37 -3.07	29.15 0.49 -2.91	31.34 0.55 -4.62	31.00 0.52 -2.84	33.15 0.87 0.00	36.51 1.11 -0.75	38.04 1.19 -0.61	46.47 1.52 -0.35	62.61 2.18 -1.57	64.62 2.54 -1.48	62.08 2.52 -2.16	53.43 1.86 -2.48	42.98 1.24 -2.91	38.68 0.98 -2.52	34.79 0.81 -2.84
CLINTON___LFGE 323618	27.33 0.00 0.00	25.73 0.00 -0.01	23.91 -0.02 0.00	23.07 0.12 0.00	23.83 0.21 0.00	25.54 0.27 -0.40	36.52 0.39 -4.10	41.90 0.53 -6.05	38.14 0.71 -6.58	32.01 0.95 -4.75	31.31 1.06 -4.50	34.44 1.12 -7.15	33.16 1.13 -4.39	33.86 1.58 0.00	37.71 1.90 -1.15	39.28 2.10 -0.94	47.87 2.72 -0.55	65.17 3.88 -2.43	67.12 4.24 -2.28	64.92 4.19 -3.35	56.11 3.19 -3.84	45.57 2.25 -4.49	40.89 1.83 -3.89	37.05 1.53 -4.39
COBBLENY_34_KV_TB1 80064	26.65 -0.68 0.00	25.44 -0.28 0.00	23.79 -0.14 0.00	22.65 -0.30 0.00	23.34 -0.28 0.00	24.34 -0.52 0.00	31.70 -0.70 -0.37	34.16 -1.17 0.00	30.40 -0.46 0.00	26.03 -0.29 0.00	25.52 -0.23 0.00	26.17 0.00 0.00	27.83 0.19 0.00	32.02 -0.26 0.00	34.38 -0.28 0.00	36.24 -0.25 -0.26	44.24 -0.40 -0.04	59.61 -0.88 -1.63	62.12 -1.15 -2.67	59.27 -0.69 -2.57	49.77 -0.88 -1.56	39.70 -0.31 -1.18	36.39 0.25 -0.97	32.71 0.81 -0.76
COFFEEN___115KV_TB3 355620	27.96 0.63 0.00	26.23 0.49 -0.02	24.37 0.43 0.00	23.32 0.37 0.00	24.21 0.59 0.00	26.74 0.75 -1.13	45.60 1.35 -12.21	54.75 1.91 -17.52	51.39 1.48 -19.05	40.97 0.89 -13.76	39.57 0.77 -13.05	47.71 0.84 -20.71	41.18 0.83 -12.72	33.21 0.94 0.00	38.97 0.97 -3.34	40.81 1.45 -3.13	47.98 1.74 -1.64	71.22 2.83 -9.53	75.02 3.70 -10.72	74.94 3.90 -13.65	65.85 3.24 -13.52	56.43 2.76 -14.84	50.13 2.18 -12.77	46.36 1.34 -13.88
COLDSPRG_115KV_BK1 355956	26.57 -0.77 0.00	25.31 -0.41 0.00	23.67 -0.26 0.00	22.54 -0.41 0.00	23.22 -0.40 0.00	24.24 -0.62 0.00	31.97 -0.45 -0.38	34.33 -0.99 0.00	30.64 -0.22 0.00	26.32 0.00 0.00	25.78 0.03 0.00	26.48 0.31 0.00	28.19 0.55 0.00	32.41 0.13 0.00	34.83 0.17 0.00	36.94 0.43 -0.27	45.40 0.76 -0.04	61.48 0.94 -1.68	64.08 0.73 -2.76	61.08 1.03 -2.65	51.29 0.59 -1.61	40.75 0.70 -1.22	37.34 1.16 -1.00	33.45 1.53 -0.78
COLONIE_LFGE___ 323577	28.09 0.76 0.00	26.42 0.69 0.00	24.60 0.67 0.00	23.62 0.67 0.00	24.26 0.64 0.00	25.54 0.67 0.00	33.09 1.06 0.00	36.49 1.16 0.00	31.66 0.80 0.00	26.95 0.63 0.00	26.29 0.54 0.00	26.64 0.47 0.00	27.92 0.47 0.18	32.38 0.32 0.22	34.25 0.31 0.72	36.03 0.29 0.50	44.45 0.40 0.56	59.51 0.65 0.00	61.45 0.85 0.00	58.08 0.69 0.00	49.97 0.88 0.00	39.33 0.50 0.00	35.60 0.42 0.00	31.64 0.50 0.00
COOPERNY_115KV_TB1 80082	27.88 0.55 0.00	26.19 0.46 0.00	24.37 0.43 0.00	23.34 0.39 0.00	24.00 0.38 0.00	25.29 0.42 0.00	32.90 0.87 0.00	36.24 0.92 0.00	31.72 0.86 0.00	27.08 0.76 0.00	26.50 0.75 0.00	26.90 0.73 0.00	28.49 0.77 -0.08	32.96 0.58 -0.10	35.50 0.52 -0.32	37.00 0.54 -0.22	45.56 0.71 -0.25	59.62 0.77 0.00	61.39 0.79 0.00	57.96 0.57 0.00	49.72 0.64 0.00	39.41 0.58 0.00	35.74 0.56 0.00	31.55 0.40 0.00
COPENHAGEN_WT_PWR 323753	27.74 0.41 0.00	26.05 0.31 -0.02	24.20 0.26 0.00	23.16 0.21 0.00	24.02 0.40 0.00	26.45 0.52 -1.06	44.66 1.02 -11.59	53.44 1.52 -16.60	50.08 1.17 -18.05	40.03 0.68 -13.03	38.70 0.59 -12.36	46.43 0.65 -19.61	40.31 0.64 -12.04	33.02 0.74 0.00	38.58 0.76 -3.16	40.36 1.12 -3.00	47.46 1.29 -1.56	70.31 2.18 -9.27	74.00 2.85 -10.55	73.80 3.10 -13.31	64.63 2.50 -13.04	55.28 2.21 -14.23	49.17 1.76 -12.24	45.39 1.00 -13.26
CORNELL_____ 23752	27.71 0.38 0.00	26.09 0.36 0.00	24.27 0.34 0.00	23.20 0.25 0.00	23.95 0.33 0.00	25.21 0.35 0.00	33.38 0.77 -0.57	36.21 0.88 0.00	31.57 0.71 0.00	26.79 0.47 0.00	26.16 0.41 0.00	26.67 0.50 0.00	28.16 0.53 0.00	32.73 0.45 0.00	35.14 0.49 0.00	37.32 0.65 -0.43	45.64 0.98 -0.06	62.96 1.41 -2.69	66.46 1.45 -4.40	63.12 1.49 -4.24	52.79 1.13 -2.58	41.68 0.89 -1.95	37.62 0.84 -1.60	33.14 0.75 -1.25

CORONA__69_KV_TB1 355595	28.31 0.98 0.00	26.45 0.72 0.00	24.58 0.65 0.00	23.57 0.62 0.00	24.16 0.54 0.00	25.61 0.75 0.00	33.38 1.35 0.00	36.77 1.45 0.00	32.59 1.73 0.00	27.90 1.58 0.00	27.50 1.75 0.00	27.87 1.70 0.00	29.54 1.77 -0.14	33.87 1.42 -0.17	36.17 0.97 -0.54	37.63 1.01 -0.37	46.31 1.29 -0.42	60.21 1.35 0.01	62.17 1.58 0.01	58.53 1.15 0.01	50.21 1.13 0.01	39.83 1.01 0.01	36.20 1.02 0.00	31.92 0.78 0.00
CORTLAND__115KV_TB3 80093	27.52 0.19 0.00	25.91 0.18 0.00	24.10 0.17 0.00	23.07 0.11 0.00	23.78 0.17 0.00	25.15 0.17 -0.11	34.21 0.51 -1.66	37.45 0.53 -1.60	33.06 0.46 -1.74	27.89 0.32 -1.26	27.22 0.28 -1.19	28.40 0.34 -1.89	29.15 0.36 -1.16	32.54 0.26 0.00	35.20 0.24 -0.30	37.24 0.33 -0.68	45.34 0.54 -0.20	62.94 0.77 -3.31	66.37 0.79 -4.98	63.29 0.80 -5.10	53.25 0.59 -3.58	42.46 0.50 -3.13	38.29 0.49 -2.62	33.98 0.44 -2.40
COXSACKIE__GT 23611	28.29 0.96 0.00	26.68 0.95 0.00	24.82 0.89 0.00	23.87 0.92 0.00	24.45 0.83 0.00	25.79 0.92 0.00	33.51 1.47 0.00	36.70 1.38 0.00	31.91 1.05 0.00	26.95 0.63 0.00	26.11 0.36 0.00	26.35 0.18 0.00	28.27 0.64 0.00	32.83 0.55 0.00	35.45 0.80 0.00	37.36 1.12 0.00	46.25 1.65 0.00	60.80 1.94 0.00	63.39 2.79 0.00	60.03 2.64 0.00	51.34 2.26 0.00	40.54 1.71 0.00	36.41 1.23 0.00	32.35 1.21 0.00
CPV_VALLEY__CC1 323721	27.93 0.60 0.00	26.24 0.51 0.00	24.39 0.45 0.00	23.39 0.44 0.00	24.02 0.40 0.00	25.34 0.47 0.00	32.97 0.93 0.00	36.31 0.99 0.00	31.78 0.92 0.00	27.16 0.84 0.00	26.60 0.85 0.00	26.98 0.81 0.00	28.59 0.86 -0.10	33.02 0.61 -0.13	35.66 0.59 -0.42	37.07 0.54 -0.29	45.64 0.71 -0.32	59.51 0.65 0.00	61.39 0.79 0.00	57.85 0.46 0.00	49.72 0.64 0.00	39.37 0.54 0.00	35.67 0.49 0.00	31.55 0.40 0.00
CPV_VALLEY__CC2 323722	27.93 0.60 0.00	26.24 0.51 0.00	24.39 0.45 0.00	23.39 0.44 0.00	24.02 0.40 0.00	25.34 0.47 0.00	32.97 0.93 0.00	36.31 0.99 0.00	31.78 0.92 0.00	27.16 0.84 0.00	26.60 0.85 0.00	26.98 0.81 0.00	28.59 0.86 -0.10	33.02 0.61 -0.13	35.66 0.59 -0.42	37.07 0.54 -0.29	45.64 0.71 -0.32	59.51 0.65 0.00	61.39 0.79 0.00	57.85 0.46 0.00	49.72 0.64 0.00	39.37 0.54 0.00	35.67 0.49 0.00	31.55 0.40 0.00
CRESCENT__HYD 24018	28.09 0.76 0.00	26.42 0.69 0.00	24.60 0.67 0.00	23.62 0.67 0.00	24.26 0.64 0.00	25.54 0.67 0.00	33.09 1.06 0.00	36.49 1.16 0.00	31.66 0.80 0.00	26.95 0.63 0.00	26.29 0.54 0.00	26.64 0.47 0.00	27.92 0.47 0.18	32.38 0.32 0.22	34.25 0.31 0.72	36.03 0.29 0.50	44.45 0.40 0.56	59.51 0.65 0.00	61.45 0.85 0.00	58.08 0.69 0.00	49.97 0.88 0.00	39.33 0.50 0.00	35.60 0.42 0.00	31.64 0.50 0.00
CRICKET__VALLEY_CC1 323756	28.01 0.68 0.00	26.32 0.59 0.00	24.49 0.55 0.00	23.48 0.53 0.00	24.09 0.47 0.00	25.41 0.55 0.00	33.06 1.02 0.00	36.42 1.10 0.00	31.85 0.99 0.00	27.16 0.84 0.00	26.57 0.82 0.00	26.93 0.76 0.00	26.13 0.80 2.31	29.97 0.55 2.86	25.81 0.48 9.33	30.24 0.44 6.44	37.90 0.49 7.20	59.39 0.53 0.00	61.27 0.67 0.00	57.68 0.29 0.00	49.72 0.64 0.00	39.26 0.43 0.00	35.53 0.35 0.00	31.48 0.34 0.00
CRICKET__VALLEY_CC2 323757	28.01 0.68 0.00	26.32 0.59 0.00	24.49 0.55 0.00	23.48 0.53 0.00	24.09 0.47 0.00	25.41 0.55 0.00	33.06 1.02 0.00	36.42 1.10 0.00	31.85 0.99 0.00	27.16 0.84 0.00	26.57 0.82 0.00	26.93 0.76 0.00	26.13 0.80 2.31	29.97 0.55 2.86	25.81 0.48 9.33	30.24 0.44 6.44	37.90 0.49 7.20	59.39 0.53 0.00	61.27 0.67 0.00	57.68 0.29 0.00	49.72 0.64 0.00	39.26 0.43 0.00	35.53 0.35 0.00	31.48 0.34 0.00
CRICKET__VALLEY_CC3 323758	28.01 0.68 0.00	26.32 0.59 0.00	24.49 0.55 0.00	23.48 0.53 0.00	24.09 0.47 0.00	25.41 0.55 0.00	33.06 1.02 0.00	36.42 1.10 0.00	31.85 0.99 0.00	27.16 0.84 0.00	26.57 0.82 0.00	26.93 0.76 0.00	26.13 0.80 2.31	29.97 0.55 2.86	25.81 0.48 9.33	30.24 0.44 6.44	37.90 0.49 7.20	59.39 0.53 0.00	61.27 0.67 0.00	57.68 0.29 0.00	49.72 0.64 0.00	39.26 0.43 0.00	35.53 0.35 0.00	31.48 0.34 0.00
CRUCIBLE__METL_DRP 24180	27.25 -0.08 0.00	25.65 -0.08 0.00	23.86 -0.07 0.00	22.84 -0.11 0.00	23.55 -0.07 0.00	24.88 -0.10 -0.11	34.13 0.10 -1.99	37.04 0.07 -1.64	32.74 0.09 -1.79	27.64 0.03 -1.29	27.00 0.03 -1.23	28.19 0.08 -1.94	28.94 0.11 -1.19	32.25 -0.03 0.00	34.90 -0.07 -0.31	37.16 0.00 -0.92	44.84 0.00 -0.24	63.82 0.18 -4.78	68.05 0.06 -7.39	64.93 0.11 -7.42	54.08 0.00 -5.00	43.04 0.00 -4.21	38.72 0.04 -3.51	34.31 0.06 -3.11
DAHOWA__HYDRO 323763	28.62 1.28 0.00	26.91 1.18 0.00	25.11 1.17 0.00	24.10 1.15 0.00	24.75 1.13 0.00	26.06 1.19 0.00	33.77 1.73 0.00	37.30 1.98 0.00	32.15 1.30 0.00	27.29 0.97 0.00	26.50 0.75 0.00	26.82 0.65 0.00	28.15 0.66 0.15	32.74 0.65 0.18	34.76 0.69 0.59	36.34 0.51 0.41	44.90 0.76 0.46	60.04 1.18 0.00	62.36 1.76 0.00	59.05 1.67 0.00	50.70 1.62 0.00	39.99 1.16 0.00	36.13 0.95 0.00	32.42 1.28 0.00
DANC__LFGE 323619	27.44 0.11 0.00	25.79 0.05 -0.01	23.96 0.02 0.00	22.93 -0.02 0.00	23.74 0.12 0.00	25.76 0.18 -0.71	40.73 0.51 -8.18	47.75 0.92 -11.51	44.09 0.71 -12.52	35.73 0.37 -9.04	34.63 0.31 -8.57	40.14 0.37 -13.61	36.35 0.36 -8.36	32.63 0.36 0.00	37.20 0.35 -2.20	39.16 0.62 -2.31	46.29 0.58 -1.11	67.87 1.18 -7.84	71.74 1.52 -9.62	70.56 1.72 -11.45	60.85 1.37 -10.39	51.00 1.28 -10.90	45.52 1.02 -9.33	41.55 0.56 -9.85
DANSKAMMER__1 23586	28.40 1.06 0.00	26.68 0.95 0.00	24.79 0.86 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.74 0.87 0.00	33.61 1.57 0.00	36.95 1.63 0.00	32.34 1.48 0.00	27.61 1.29 0.00	27.01 1.26 0.00	27.35 1.18 0.00	29.03 1.30 -0.10	33.50 1.10 -0.12	36.21 1.14 -0.41	37.68 1.16 -0.28	46.34 1.43 -0.31	60.51 1.65 0.00	62.48 1.88 0.00	58.88 1.49 0.00	50.61 1.52 0.00	40.07 1.24 0.00	36.23 1.05 0.00	32.07 0.93 0.00
DANSKAMMER__2 23589	28.40 1.06 0.00	26.68 0.95 0.00	24.79 0.86 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.74 0.87 0.00	33.61 1.57 0.00	36.95 1.63 0.00	32.34 1.48 0.00	27.61 1.29 0.00	27.01 1.26 0.00	27.35 1.18 0.00	29.03 1.30 -0.10	33.50 1.10 -0.12	36.21 1.14 -0.41	37.68 1.16 -0.28	46.34 1.43 -0.31	60.51 1.65 0.00	62.48 1.88 0.00	58.88 1.49 0.00	50.61 1.52 0.00	40.07 1.24 0.00	36.23 1.05 0.00	32.07 0.93 0.00
DANSKAMMER__3 23590	28.40 1.06 0.00	26.68 0.95 0.00	24.79 0.86 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.74 0.87 0.00	33.61 1.57 0.00	36.95 1.63 0.00	32.34 1.48 0.00	27.61 1.29 0.00	27.01 1.26 0.00	27.35 1.18 0.00	29.03 1.30 -0.10	33.50 1.10 -0.12	36.21 1.14 -0.41	37.68 1.16 -0.28	46.34 1.43 -0.31	60.51 1.65 0.00	62.48 1.88 0.00	58.88 1.49 0.00	50.61 1.52 0.00	40.07 1.24 0.00	36.23 1.05 0.00	32.07 0.93 0.00

DANSKAMMER___4 23591	28.40 1.06 0.00	26.68 0.95 0.00	24.79 0.86 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.74 0.87 0.00	33.61 1.57 0.00	36.95 1.63 0.00	32.34 1.48 0.00	27.61 1.29 0.00	27.01 1.26 0.00	27.35 1.18 0.00	29.03 1.30 -0.10	33.50 1.10 -0.12	36.21 1.14 -0.41	37.68 1.16 -0.28	46.34 1.43 -0.31	60.51 1.65 0.00	62.48 1.88 0.00	58.88 1.49 0.00	50.61 1.52 0.00	40.07 1.24 0.00	36.23 1.05 0.00	32.07 0.93 0.00
DANSKAMMER___DIESEL 23592	28.40 1.07 0.00	26.68 0.95 0.00	24.80 0.86 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.76 0.90 0.00	33.61 1.57 0.00	36.95 1.62 0.00	32.34 1.48 0.00	27.61 1.29 0.00	27.01 1.26 0.00	27.35 1.18 0.00	29.03 1.30 -0.10	33.50 1.10 -0.12	36.21 1.14 -0.41	37.71 1.20 -0.28	46.39 1.47 -0.31	60.51 1.65 0.00	62.54 1.94 0.00	58.94 1.55 0.00	50.61 1.52 0.00	40.07 1.24 0.00	36.27 1.09 0.00	32.01 0.87 0.00
DARBY___SOLAR 323810	28.51 1.17 0.00	26.78 1.06 0.00	24.99 1.05 0.00	23.99 1.03 0.00	24.63 1.01 0.00	25.96 1.09 0.00	33.61 1.57 0.00	37.09 1.77 0.00	32.03 1.17 0.00	27.18 0.87 0.00	26.39 0.64 0.00	26.72 0.55 0.00	28.03 0.55 0.15	32.60 0.51 0.19	34.60 0.55 0.61	36.21 0.40 0.42	44.75 0.62 0.47	59.86 1.00 0.00	62.17 1.57 0.00	58.82 1.44 0.00	50.51 1.42 0.00	39.84 1.01 0.00	35.99 0.81 0.00	32.26 1.12 0.00
DASHVILLE___HYD 23610	28.12 0.79 0.00	26.45 0.72 0.00	24.56 0.62 0.00	23.55 0.60 0.00	24.16 0.54 0.00	25.49 0.62 0.00	33.26 1.22 0.00	36.56 1.24 0.00	31.97 1.11 0.00	27.29 0.97 0.00	26.70 0.95 0.00	27.03 0.86 0.00	28.89 1.19 -0.07	33.36 1.00 -0.08	35.96 1.04 -0.27	37.47 1.05 -0.18	46.10 1.29 -0.21	59.86 1.00 0.00	61.75 1.15 0.00	58.25 0.86 0.00	49.97 0.88 0.00	39.65 0.82 0.00	35.84 0.67 0.00	31.67 0.53 0.00
DELAWARE___LFGE 323621	27.88 0.55 0.00	26.22 0.49 0.00	24.39 0.45 0.00	23.37 0.41 0.00	24.07 0.45 0.00	25.39 0.52 0.00	33.22 0.96 -0.22	36.35 1.02 0.00	31.75 0.89 0.00	27.03 0.71 0.00	26.42 0.67 0.00	26.85 0.68 0.00	28.32 0.69 0.00	32.86 0.58 0.00	35.25 0.59 0.00	37.06 0.65 -0.17	45.52 0.89 -0.02	61.02 1.12 -1.04	63.46 1.15 -1.71	60.07 1.03 -1.65	51.07 0.98 -1.00	40.48 0.89 -0.76	36.57 0.77 -0.62	32.19 0.56 -0.49
DERFIELD_115KV_TB7 355931	27.36 0.03 0.00	25.73 0.00 0.00	23.96 0.02 0.00	22.98 0.02 0.00	23.64 0.02 0.00	25.00 0.02 -0.10	33.24 0.13 -1.07	37.10 0.18 -1.60	32.72 0.12 -1.74	27.65 0.08 -1.26	27.02 0.08 -1.19	28.14 0.08 -1.89	28.88 0.08 -1.16	32.28 0.00 0.00	34.93 -0.03 -0.30	36.49 0.00 -0.25	44.75 0.00 -0.14	59.50 0.00 -0.64	61.20 0.00 -0.60	58.27 0.00 -0.88	50.15 0.05 -1.01	40.06 0.04 -1.19	36.24 0.04 -1.03	32.30 0.00 -1.16
DOGLEVILLE___HYD 23807	27.11 -0.22 0.00	25.50 -0.23 0.00	23.72 -0.22 0.00	22.75 -0.21 0.00	23.43 -0.19 0.00	24.57 -0.40 -0.10	32.76 -0.35 -1.07	37.44 2.12 0.00	32.00 1.14 0.00	27.42 -0.16 -1.26	26.86 -0.08 -1.19	28.03 -0.03 -1.89	28.79 0.00 -1.16	32.21 -0.06 0.00	34.79 -0.17 -0.30	36.38 -0.11 -0.25	44.61 -0.13 -0.14	59.15 -0.35 -0.64	60.96 -0.24 -0.60	58.10 -0.17 -0.88	49.95 -0.15 -1.01	40.09 0.08 -1.19	36.17 -0.04 -1.03	32.02 -0.28 -1.16
DUNKIRK__115KV_TB_200 55889	26.54 -0.79 0.00	25.31 -0.41 0.00	23.67 -0.26 0.00	22.54 -0.41 0.00	23.22 -0.40 0.00	24.22 -0.65 0.00	31.61 -0.80 -0.37	34.02 -1.31 0.00	30.24 -0.62 0.00	25.92 -0.39 0.00	25.42 -0.33 0.00	26.09 -0.08 0.00	27.74 0.11 0.00	31.92 -0.36 0.00	34.34 -0.31 0.00	36.28 -0.22 -0.26	44.42 -0.22 -0.04	59.94 -0.53 -1.61	62.46 -0.79 -2.64	59.59 -0.34 -2.55	50.05 -0.59 -1.55	39.93 -0.08 -1.17	36.66 0.53 -0.96	32.92 1.03 -0.75
DUNKIRK___1 23563	26.54 -0.79 0.00	25.31 -0.41 0.00	23.67 -0.26 0.00	22.54 -0.41 0.00	23.22 -0.40 0.00	24.22 -0.65 0.00	31.61 -0.80 -0.37	34.02 -1.31 0.00	30.24 -0.62 0.00	25.92 -0.39 0.00	25.42 -0.33 0.00	26.09 -0.08 0.00	27.74 0.11 0.00	31.92 -0.36 0.00	34.34 -0.31 0.00	36.28 -0.22 -0.26	44.42 -0.22 -0.04	59.94 -0.53 -1.61	62.46 -0.79 -2.64	59.59 -0.34 -2.55	50.05 -0.59 -1.55	39.93 -0.08 -1.17	36.66 0.53 -0.96	32.92 1.03 -0.75
DUNKIRK___2 23564	26.54 -0.79 0.00	25.31 -0.41 0.00	23.67 -0.26 0.00	22.54 -0.41 0.00	23.22 -0.40 0.00	24.22 -0.65 0.00	31.61 -0.80 -0.37	34.02 -1.31 0.00	30.24 -0.62 0.00	25.92 -0.39 0.00	25.42 -0.33 0.00	26.09 -0.08 0.00	27.74 0.11 0.00	31.92 -0.36 0.00	34.34 -0.31 0.00	36.28 -0.22 -0.26	44.42 -0.22 -0.04	59.94 -0.53 -1.61	62.46 -0.79 -2.64	59.59 -0.34 -2.55	50.05 -0.59 -1.55	39.93 -0.08 -1.17	36.66 0.53 -0.96	32.92 1.03 -0.75
DUNKIRK___3 23565	26.57 -0.77 0.00	25.34 -0.39 0.00	23.70 -0.24 0.00	22.56 -0.39 0.00	23.24 -0.38 0.00	24.24 -0.62 0.00	31.61 -0.80 -0.37	33.98 -1.34 0.00	30.18 -0.68 0.00	25.87 -0.45 0.00	25.36 -0.39 0.00	26.04 -0.13 0.00	27.63 0.00 0.00	31.83 -0.45 0.00	34.21 -0.45 0.00	36.10 -0.40 -0.26	44.19 -0.45 -0.04	59.58 -0.88 -1.61	62.08 -1.15 -2.63	59.18 -0.75 -2.54	49.74 -0.88 -1.54	39.69 -0.31 -1.17	36.45 0.32 -0.96	32.76 0.87 -0.75
DUNKIRK___4 23566	26.57 -0.77 0.00	25.34 -0.39 0.00	23.70 -0.24 0.00	22.56 -0.39 0.00	23.24 -0.38 0.00	24.24 -0.62 0.00	31.61 -0.80 -0.37	33.98 -1.34 0.00	30.18 -0.68 0.00	25.87 -0.45 0.00	25.36 -0.39 0.00	26.04 -0.13 0.00	27.63 0.00 0.00	31.83 -0.45 0.00	34.21 -0.45 0.00	36.10 -0.40 -0.26	44.19 -0.45 -0.04	59.58 -0.88 -1.61	62.08 -1.15 -2.63	59.18 -0.75 -2.54	49.74 -0.88 -1.54	39.69 -0.31 -1.17	36.45 0.32 -0.96	32.76 0.87 -0.75
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	28.37 1.04 0.00	26.63 0.90 0.00	24.75 0.81 0.00	23.73 0.78 0.00	24.35 0.73 0.00	25.74 0.87 0.00	33.61 1.57 0.00	37.09 1.77 0.00	32.56 1.70 0.00	27.79 1.47 0.00	27.24 1.49 0.00	27.63 1.47 0.00	29.35 1.58 -0.14	33.83 1.39 -0.17	36.56 1.35 -0.55	37.99 1.38 -0.38	46.72 1.69 -0.42	60.68 1.82 0.00	62.60 2.00 0.00	58.94 1.55 0.00	50.61 1.52 0.00	40.11 1.28 0.00	36.34 1.16 0.00	32.04 0.90 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	28.23 0.90 0.00	26.52 0.80 0.00	24.65 0.72 0.00	23.64 0.69 0.00	24.26 0.64 0.00	25.61 0.75 0.00	33.38 1.35 0.00	36.74 1.41 0.00	32.15 1.30 0.00	27.48 1.16 0.00	26.88 1.13 0.00	27.24 1.07 0.00	28.90 1.16 -0.10	33.37 0.97 -0.13	36.05 0.97 -0.42	37.50 0.98 -0.29	46.17 1.25 -0.32	60.21 1.35 0.00	62.11 1.51 0.00	58.59 1.21 0.00	50.31 1.23 0.00	39.88 1.05 0.00	36.09 0.91 0.00	31.86 0.72 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	28.62 1.28 0.00	26.83 1.11 0.00	24.94 1.01 0.00	23.87 0.92 0.00	24.49 0.87 0.00	25.76 0.90 0.00	33.64 1.60 0.00	37.09 1.77 0.00	32.56 1.70 0.00	27.82 1.50 0.00	27.24 1.49 0.00	27.63 1.47 0.00	29.37 1.60 -0.14	33.87 1.42 -0.17	36.63 1.42 -0.55	38.18 1.56 -0.38	46.72 1.69 -0.42	60.86 2.00 0.00	62.78 2.18 0.00	59.00 1.61 0.00	50.61 1.52 0.00	40.34 1.51 0.00	36.62 1.44 0.00	32.33 1.18 -0.01

E179THST_13_KV_LOAD 356214	28.72 1.39 0.00	26.94 1.21 0.00	25.04 1.10 0.00	23.96 1.01 0.00	24.59 0.97 0.00	25.86 0.99 0.00	33.80 1.76 0.00	37.23 1.91 0.00	32.71 1.85 0.00	27.95 1.63 0.00	27.37 1.62 0.00	27.76 1.60 0.00	29.51 1.74 -0.14	34.03 1.58 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	46.99 1.96 -0.42	61.16 2.30 0.00	63.14 2.55 0.00	59.34 1.95 0.00	50.90 1.82 0.00	40.54 1.71 0.00	36.79 1.62 0.00	32.49 1.34 -0.01
EAST HAMPTON___GT 23717	28.31 0.98 0.00	26.32 0.59 0.00	24.46 0.53 0.00	23.59 0.64 0.00	24.18 0.57 0.00	25.71 0.85 0.00	33.48 1.44 0.00	37.16 1.84 0.00	32.96 2.10 0.00	28.27 1.95 0.00	27.97 2.21 0.00	28.34 2.17 0.00	30.04 2.27 -0.14	34.48 2.03 -0.17	36.62 1.42 -0.54	37.88 1.27 -0.37	46.85 1.83 -0.42	60.97 2.12 0.01	63.20 2.60 0.01	59.44 2.06 0.01	50.70 1.62 0.01	40.34 1.51 0.01	36.27 1.09 0.00	32.17 1.03 0.00
EAST RIVER___6 23660	28.48 1.15 0.00	26.70 0.98 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.81 0.94 0.00	33.77 1.73 0.00	37.26 1.94 0.00	32.80 1.95 0.00	28.00 1.69 0.00	27.42 1.67 0.00	27.82 1.65 0.00	29.54 1.77 -0.14	34.06 1.61 -0.17	36.80 1.60 -0.55	38.25 1.63 -0.38	46.99 1.96 -0.42	60.92 2.06 0.00	62.84 2.24 0.00	58.99 1.60 0.00	50.76 1.67 0.00	40.38 1.55 0.00	36.55 1.37 0.00	32.29 1.15 0.00
EAST RIVER___7 23524	28.48 1.15 0.00	26.70 0.98 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.81 0.94 0.00	33.77 1.73 0.00	37.26 1.94 0.00	32.80 1.95 0.00	28.00 1.69 0.00	27.42 1.67 0.00	27.82 1.65 0.00	29.54 1.77 -0.14	34.06 1.61 -0.17	36.80 1.60 -0.55	38.25 1.63 -0.38	46.99 1.96 -0.42	60.92 2.06 0.00	62.84 2.24 0.00	58.99 1.60 0.00	50.76 1.67 0.00	40.38 1.55 0.00	36.55 1.37 0.00	32.29 1.15 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	28.34 1.01 0.00	26.60 0.87 0.00	24.72 0.79 0.00	23.71 0.76 0.00	24.35 0.73 0.00	25.69 0.82 0.00	33.54 1.51 0.00	36.98 1.66 0.00	32.43 1.57 0.00	27.71 1.39 0.00	27.17 1.42 0.00	27.53 1.36 0.00	29.23 1.46 -0.14	33.74 1.29 -0.17	36.45 1.25 -0.55	37.88 1.27 -0.38	46.59 1.56 -0.42	60.51 1.65 0.00	62.42 1.82 0.00	58.77 1.38 0.00	50.46 1.37 0.00	39.99 1.16 0.00	36.27 1.09 0.00	31.98 0.84 0.00
EAST_HAMPTON___DIESEL 23722	28.29 0.96 0.00	26.32 0.59 0.00	24.46 0.53 0.00	23.59 0.64 0.00	24.18 0.57 0.00	25.71 0.85 0.00	33.48 1.44 0.00	37.12 1.80 0.00	32.93 2.07 0.00	28.27 1.95 0.00	27.97 2.21 0.00	28.31 2.15 0.00	30.04 2.27 -0.14	34.48 2.03 -0.17	36.62 1.42 -0.54	37.88 1.27 -0.37	46.85 1.83 -0.42	60.97 2.12 0.01	63.20 2.60 0.01	59.44 2.06 0.01	50.70 1.62 0.01	40.34 1.51 0.01	36.27 1.09 0.00	32.17 1.03 0.00
EAST_POINT___SOLAR 323840	29.08 1.75 0.00	27.30 1.57 0.00	25.51 1.58 0.00	24.47 1.51 0.00	25.20 1.58 0.00	26.66 1.79 0.00	34.67 2.63 0.00	37.55 2.23 0.00	31.38 0.52 0.00	26.32 0.00 0.00	25.39 -0.36 0.00	25.75 -0.42 0.00	27.22 -0.33 0.08	31.82 -0.35 0.10	34.14 -0.17 0.34	36.47 0.47 0.24	45.68 1.34 0.26	61.39 2.53 0.00	64.78 4.18 0.00	61.75 4.36 0.00	52.87 3.78 0.00	41.66 2.83 0.00	37.60 2.43 0.00	33.20 2.05 0.00
EAST_PULASKI___ESR 323781	27.14 -0.19 0.00	25.53 -0.21 -0.01	23.74 -0.19 0.00	22.72 -0.23 0.00	23.48 -0.14 0.00	25.12 -0.12 -0.37	37.10 0.06 -5.00	41.80 0.28 -6.20	37.82 0.22 -6.74	31.24 0.05 -4.87	30.39 0.03 -4.62	33.55 0.05 -7.33	32.19 0.06 -4.50	32.25 -0.03 0.00	35.77 -0.07 -1.18	38.06 0.07 -1.75	45.14 -0.13 -0.67	66.24 0.00 -7.38	71.02 0.06 -10.36	68.77 0.23 -11.15	57.86 0.15 -8.63	47.26 0.27 -8.16	42.29 0.21 -6.90	38.01 0.09 -6.77
EAST_RIVER___1 323558	28.48 1.15 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.80 0.85 0.00	24.42 0.80 0.00	25.81 0.94 0.00	33.77 1.73 0.00	37.26 1.94 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.42 1.67 0.00	27.79 1.62 0.00	29.54 1.77 -0.14	34.06 1.61 -0.17	36.80 1.60 -0.55	38.21 1.59 -0.38	46.99 1.96 -0.42	60.92 2.06 0.00	62.84 2.24 0.00	59.05 1.67 0.00	50.80 1.72 0.00	40.34 1.51 0.00	36.51 1.34 0.00	32.29 1.15 0.00
EAST_RIVER___2 323559	28.48 1.15 0.00	26.70 0.98 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.81 0.94 0.00	33.77 1.73 0.00	37.26 1.94 0.00	32.80 1.95 0.00	28.00 1.69 0.00	27.42 1.67 0.00	27.82 1.65 0.00	29.54 1.77 -0.14	34.06 1.61 -0.17	36.80 1.60 -0.55	38.25 1.63 -0.38	46.99 1.96 -0.42	60.92 2.06 0.00	62.84 2.24 0.00	58.99 1.60 0.00	50.76 1.67 0.00	40.38 1.55 0.00	36.55 1.37 0.00	32.29 1.15 0.00
EAST___DELAWARE_HYD 23607	28.15 0.82 0.00	26.47 0.75 0.00	24.56 0.62 0.00	23.55 0.60 0.00	24.18 0.57 0.00	25.54 0.67 0.00	33.35 1.31 0.00	36.67 1.34 0.00	32.09 1.24 0.00	27.37 1.05 0.00	26.73 0.98 0.00	27.08 0.92 0.00	28.74 1.02 -0.08	33.19 0.81 -0.10	35.86 0.87 -0.34	37.41 0.94 -0.23	46.07 1.20 -0.26	60.27 1.41 0.00	62.29 1.69 0.00	58.76 1.38 0.00	50.41 1.33 0.00	39.99 1.16 0.00	36.13 0.95 0.00	31.89 0.75 0.00
EIGHT_POINT___WT_PWR 323820	26.48 -0.85 0.00	25.03 -0.69 0.00	23.26 -0.67 0.00	22.24 -0.71 0.00	22.93 -0.69 0.00	24.05 -0.82 0.00	31.71 -0.77 -0.44	34.33 -0.99 0.00	29.78 -1.08 0.00	25.42 -0.89 0.00	24.80 -0.95 0.00	25.41 -0.76 0.00	27.05 -0.58 0.00	31.34 -0.94 0.00	33.76 -0.90 0.00	35.69 -0.87 -0.32	44.02 -0.62 -0.05	60.53 -0.35 -2.02	63.61 -0.30 -3.31	61.03 0.46 -3.19	50.83 -0.20 -1.94	40.26 -0.04 -1.47	36.77 0.39 -1.20	32.49 0.40 -0.94
ELBRIDGE_115KV_TB2 80188	27.11 -0.22 0.00	25.55 -0.18 0.00	23.79 -0.14 0.00	22.77 -0.18 0.00	23.45 -0.17 0.00	24.79 -0.17 -0.10	33.91 -0.03 -1.91	36.74 -0.07 -1.49	32.42 -0.06 -1.62	27.38 -0.11 -1.17	26.76 -0.10 -1.11	27.88 -0.05 -1.76	28.69 -0.03 -1.08	32.08 -0.19 0.00	34.70 -0.24 -0.28	36.98 -0.18 -0.92	44.66 -0.18 -0.23	63.63 -0.12 -4.89	68.03 -0.18 -7.61	64.88 -0.11 -7.61	53.95 -0.20 -5.06	42.90 -0.16 -4.22	38.61 -0.07 -3.51	34.18 -0.03 -3.07
ELEC_TRO_TEK 24086	28.18 0.85 0.00	26.32 0.59 0.00	24.46 0.53 0.00	23.48 0.53 0.00	24.07 0.45 0.00	25.51 0.65 0.00	33.22 1.19 0.00	36.67 1.34 0.00	32.43 1.57 0.00	27.77 1.45 0.00	27.35 1.60 0.00	27.71 1.54 0.00	29.40 1.63 -0.14	33.74 1.29 -0.17	36.03 0.83 -0.54	37.44 0.83 -0.37	46.09 1.07 -0.42	59.85 1.00 0.01	61.81 1.21 0.01	58.19 0.80 0.01	49.86 0.79 0.01	39.56 0.74 0.01	35.98 0.81 0.00	31.73 0.59 0.00
ELLENBURG_WT_PWR 323604	27.06 -0.27 0.00	25.45 -0.28 0.00	23.65 -0.29 0.00	22.82 -0.14 0.00	23.52 -0.09 0.00	25.07 -0.05 -0.26	34.49 -0.19 -2.64	39.13 -0.11 -3.91	35.21 0.09 -4.26	29.76 0.37 -3.07	29.15 0.49 -2.91	31.34 0.55 -4.62	31.00 0.52 -2.84	33.15 0.87 0.00	36.51 1.11 -0.75	38.04 1.19 -0.61	46.47 1.52 -0.35	62.61 2.18 -1.57	64.62 2.54 -1.48	62.08 2.52 -2.16	53.43 1.86 -2.48	42.98 1.24 -2.91	38.68 0.98 -2.52	34.79 0.81 -2.84

ELM_ST_23_KV_LD_REV_LBMP_A 345012	26.57 -0.77 0.00	25.39 -0.33 0.00	23.74 -0.19 0.00	22.61 -0.34 0.00	23.29 -0.33 0.00	24.27 -0.60 0.00	31.54 -0.87 -0.36	33.98 -1.34 0.00	30.15 -0.71 0.00	25.84 -0.47 0.00	25.34 -0.41 0.00	25.99 -0.18 0.00	27.61 -0.03 0.00	31.79 -0.48 0.00	34.14 -0.52 0.00	35.95 -0.54 -0.25	43.79 -0.85 -0.04	58.96 -1.47 -1.57	61.36 -1.82 -2.58	58.55 -1.32 -2.48	49.17 -1.42 -1.51	39.31 -0.66 -1.14	36.11 0.00 -0.94	32.53 0.65 -0.73
EMPIRE_CC_1 323656	27.66 0.33 0.00	26.06 0.33 0.00	24.27 0.33 0.00	23.30 0.34 0.00	23.88 0.26 0.00	25.14 0.27 0.00	32.55 0.51 0.00	35.82 0.49 0.00	31.17 0.31 0.00	26.50 0.19 0.00	25.96 0.21 0.00	26.30 0.13 0.00	27.55 0.11 0.19	31.91 -0.13 0.24	33.68 -0.21 0.77	35.46 -0.25 0.53	43.61 -0.40 0.59	58.33 -0.53 0.00	60.18 -0.42 0.00	56.76 -0.63 0.00	48.89 -0.20 0.00	38.56 -0.27 0.00	34.89 -0.28 0.00	31.05 -0.09 0.00
EMPIRE_CC_2 323658	27.66 0.33 0.00	26.06 0.33 0.00	24.27 0.33 0.00	23.30 0.34 0.00	23.88 0.26 0.00	25.14 0.27 0.00	32.55 0.51 0.00	35.82 0.49 0.00	31.17 0.31 0.00	26.50 0.19 0.00	25.96 0.21 0.00	26.30 0.13 0.00	27.55 0.11 0.19	31.91 -0.13 0.24	33.68 -0.21 0.77	35.46 -0.25 0.53	43.61 -0.40 0.59	58.33 -0.53 0.00	60.18 -0.42 0.00	56.76 -0.63 0.00	48.89 -0.20 0.00	38.56 -0.27 0.00	34.89 -0.28 0.00	31.05 -0.09 0.00
ENORWICH_115KV_TB1 80156	28.37 1.04 0.00	26.60 0.87 0.00	24.72 0.79 0.00	23.64 0.69 0.00	24.59 0.97 0.00	25.96 1.09 0.00	34.47 1.99 -0.44	37.69 2.37 0.00	32.83 1.97 0.00	27.66 1.34 0.00	26.96 1.21 0.00	27.45 1.28 0.00	28.96 1.33 0.00	33.73 1.45 0.00	36.15 1.49 0.00	38.52 1.96 -0.33	47.46 2.81 -0.05	65.04 4.12 -2.06	68.65 4.67 -3.38	65.30 4.65 -3.26	54.85 3.78 -1.98	43.40 3.07 -1.50	39.01 2.60 -1.23	33.85 1.74 -0.96
ERIE_ST__34_KV_TB1-2 80199	26.59 -0.74 0.00	25.39 -0.33 0.00	23.74 -0.19 0.00	22.59 -0.37 0.00	23.29 -0.33 0.00	24.27 -0.60 0.00	31.64 -0.77 -0.37	33.98 -1.34 0.00	30.18 -0.68 0.00	25.87 -0.45 0.00	25.36 -0.39 0.00	26.04 -0.13 0.00	27.66 0.03 0.00	31.83 -0.45 0.00	34.17 -0.49 0.00	36.06 -0.43 -0.26	44.06 -0.58 -0.04	59.35 -1.12 -1.61	61.84 -1.39 -2.64	58.90 -1.03 -2.54	49.50 -1.13 -1.54	39.46 -0.54 -1.17	36.24 0.11 -0.96	32.61 0.72 -0.75
ERIE_WT_PWR 323693	26.70 -0.63 0.00	25.42 -0.31 0.00	23.77 -0.17 0.00	22.65 -0.30 0.00	23.34 -0.28 0.00	24.32 -0.55 0.00	31.63 -0.77 -0.36	34.09 -1.24 0.00	30.21 -0.65 0.00	25.92 -0.39 0.00	25.41 -0.34 0.00	26.06 -0.10 0.00	27.69 0.06 0.00	31.89 -0.39 0.00	34.24 -0.41 0.00	35.95 -0.54 -0.26	44.01 -0.62 -0.04	59.52 -0.94 -1.60	61.84 -1.39 -2.63	59.23 -0.69 -2.53	49.54 -1.08 -1.54	39.57 -0.43 -1.17	36.41 0.28 -0.96	32.48 0.59 -0.75
ESPRGFLD_115KV_TB1 80157	28.51 1.18 0.00	26.81 1.08 0.00	24.96 1.03 0.00	23.92 0.96 0.00	24.68 1.06 0.00	26.06 1.19 0.00	33.93 1.89 0.00	37.20 1.87 0.00	32.12 1.27 0.00	27.24 0.92 0.00	26.50 0.75 0.00	26.90 0.73 0.00	28.36 0.77 0.05	32.99 0.77 0.06	35.31 0.87 0.21	37.33 1.23 0.14	46.32 1.87 0.16	61.51 2.65 0.00	63.87 3.27 0.00	60.55 3.16 0.00	51.79 2.70 0.00	41.00 2.17 0.00	37.07 1.90 0.00	32.61 1.46 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.66 0.33 0.00	26.06 0.33 0.00	24.25 0.31 0.00	23.18 0.23 0.00	23.93 0.31 0.00	25.16 0.30 0.00	33.36 0.74 -0.58	36.14 0.81 0.00	31.51 0.65 0.00	26.76 0.45 0.00	26.14 0.39 0.00	26.61 0.44 0.00	28.13 0.50 0.00	32.67 0.39 0.00	35.07 0.42 0.00	37.25 0.58 -0.44	45.56 0.89 -0.06	62.88 1.29 -2.72	66.39 1.33 -4.46	63.06 1.38 -4.30	52.73 1.03 -2.61	41.66 0.85 -1.98	37.61 0.81 -1.62	33.10 0.69 -1.27
ETNA____115KV_TB2 80207	27.66 0.33 0.00	26.06 0.33 0.00	24.25 0.31 0.00	23.18 0.23 0.00	23.93 0.31 0.00	25.16 0.30 0.00	33.36 0.74 -0.58	36.14 0.81 0.00	31.51 0.65 0.00	26.76 0.45 0.00	26.14 0.39 0.00	26.61 0.44 0.00	28.13 0.50 0.00	32.67 0.39 0.00	35.07 0.42 0.00	37.25 0.58 -0.44	45.56 0.89 -0.06	62.88 1.29 -2.72	66.39 1.33 -4.46	63.06 1.38 -4.30	52.73 1.03 -2.61	41.66 0.85 -1.98	37.61 0.81 -1.62	33.10 0.69 -1.27
EUCLID__115KV_TB2 356179	27.00 -0.33 0.00	25.45 -0.28 0.00	23.70 -0.24 0.00	22.68 -0.28 0.00	23.36 -0.26 0.00	24.72 -0.27 -0.13	33.73 -0.19 -1.88	37.12 -0.21 -2.01	32.89 -0.15 -2.18	27.71 -0.18 -1.58	27.07 -0.18 -1.50	28.41 -0.13 -2.37	28.98 -0.11 -1.46	31.99 -0.29 0.00	34.66 -0.38 -0.38	36.64 -0.33 -0.72	44.44 -0.40 -0.24	61.76 -0.47 -3.37	64.96 -0.61 -4.97	62.04 -0.52 -5.16	52.33 -0.49 -3.74	41.84 -0.35 -3.36	37.71 -0.28 -2.82	33.54 -0.25 -2.65
E_CANADA_CAP_HY 24051	28.89 1.56 0.00	27.11 1.39 0.00	25.32 1.39 0.00	24.28 1.33 0.00	25.01 1.39 0.00	26.43 1.57 0.00	34.35 2.31 0.00	37.51 2.19 0.00	31.97 1.11 0.00	27.03 0.71 0.00	26.16 0.41 0.00	26.51 0.34 0.00	27.92 0.36 0.08	32.57 0.39 0.09	34.90 0.55 0.31	37.04 1.01 0.21	46.15 1.79 0.24	61.57 2.71 0.00	64.30 3.70 0.00	61.07 3.68 0.00	52.27 3.19 0.00	41.32 2.49 0.00	37.32 2.15 0.00	32.95 1.81 0.00
E_CANADA_MHWK_HY 24050	27.08 -0.25 0.00	25.50 -0.23 0.00	23.72 -0.22 0.00	22.75 -0.21 0.00	23.43 -0.19 0.00	24.57 -0.40 -0.10	32.76 -0.35 -1.07	37.44 2.12 0.00	32.00 1.14 0.00	27.42 -0.16 -1.26	26.86 -0.08 -1.19	28.03 -0.03 -1.89	28.79 0.00 -1.16	32.21 -0.06 0.00	34.79 -0.17 -0.30	36.38 -0.11 -0.25	44.61 -0.13 -0.14	59.15 -0.35 -0.64	60.96 -0.24 -0.60	58.10 -0.17 -0.88	49.95 -0.15 -1.01	40.09 0.08 -1.19	36.17 -0.04 -1.03	32.02 -0.28 -1.16
E_FISHKILL__LBMP 23776	28.18 0.85 0.00	26.47 0.75 0.00	24.60 0.67 0.00	23.60 0.64 0.00	24.23 0.61 0.00	25.56 0.70 0.00	33.32 1.28 0.00	36.70 1.38 0.00	32.15 1.30 0.00	27.45 1.13 0.00	26.88 1.13 0.00	27.27 1.10 0.00	28.93 1.16 -0.14	33.39 0.94 -0.17	36.12 0.90 -0.56	37.50 0.87 -0.39	46.11 1.07 -0.43	59.98 1.12 0.00	61.81 1.21 0.00	58.25 0.86 0.00	50.07 0.98 0.00	39.68 0.85 0.00	35.95 0.77 0.00	31.73 0.59 0.00
FALCON__SEABRD_CC1 323796	27.28 -0.05 0.00	25.66 -0.08 -0.01	23.84 -0.10 0.00	23.02 0.07 0.00	23.79 0.17 0.00	25.45 0.25 -0.34	35.82 0.29 -3.50	40.95 0.46 -5.17	37.16 0.68 -5.62	31.32 0.95 -4.06	30.66 1.06 -3.85	33.43 1.15 -6.11	32.52 1.13 -3.75	33.89 1.61 0.00	37.55 1.90 -0.99	39.11 2.06 -0.80	47.70 2.63 -0.47	64.70 3.77 -2.07	66.67 4.12 -1.95	64.32 4.08 -2.86	55.46 3.09 -3.28	44.84 2.17 -3.84	40.26 1.76 -3.33	36.35 1.46 -3.75
FALCON__SEABRD_CC2 323797	27.28 -0.05 0.00	25.66 -0.08 -0.01	23.84 -0.10 0.00	23.02 0.07 0.00	23.79 0.17 0.00	25.45 0.25 -0.34	35.82 0.29 -3.50	40.95 0.46 -5.17	37.16 0.68 -5.62	31.32 0.95 -4.06	30.66 1.06 -3.85	33.43 1.15 -6.11	32.52 1.13 -3.75	33.89 1.61 0.00	37.55 1.90 -0.99	39.11 2.06 -0.80	47.70 2.63 -0.47	64.70 3.77 -2.07	66.67 4.12 -1.95	64.32 4.08 -2.86	55.46 3.09 -3.28	44.84 2.17 -3.84	40.26 1.76 -3.33	36.35 1.46 -3.75

FAR ROCKAWAY___4 23548	28.48 1.15 0.00	26.58 0.85 0.00	24.70 0.77 0.00	23.71 0.76 0.00	24.30 0.68 0.00	25.76 0.90 0.00	33.58 1.54 0.00	36.98 1.66 0.00	32.80 1.94 0.00	28.08 1.76 0.00	27.68 1.93 0.00	28.05 1.88 0.00	29.76 1.99 -0.14	34.12 1.68 -0.17	36.41 1.21 -0.54	37.88 1.27 -0.37	46.67 1.65 -0.42	60.68 1.82 0.01	62.71 2.12 0.01	59.05 1.66 0.01	50.60 1.52 0.01	40.10 1.28 0.01	36.44 1.27 0.00	32.14 1.00 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	28.51 1.18 0.00	26.70 0.98 0.00	24.84 0.91 0.00	23.80 0.85 0.00	24.42 0.80 0.00	25.81 0.94 0.00	33.77 1.73 0.00	37.27 1.94 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.42 1.67 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.03 1.58 -0.17	36.80 1.59 -0.55	38.25 1.63 -0.38	47.03 2.01 -0.42	60.98 2.12 0.00	62.90 2.30 0.00	59.17 1.78 0.00	50.80 1.72 0.00	40.31 1.48 0.00	36.55 1.37 0.00	32.20 1.06 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	28.51 1.18 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.80 0.85 0.00	24.45 0.83 0.00	25.81 0.94 0.00	33.77 1.73 0.00	37.27 1.94 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.42 1.67 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.80 1.59 -0.55	38.25 1.63 -0.38	47.03 2.01 -0.42	61.04 2.18 0.00	62.90 2.30 0.00	59.17 1.78 0.00	50.80 1.72 0.00	40.34 1.51 0.00	36.55 1.37 0.00	32.20 1.06 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	28.48 1.15 0.00	26.70 0.98 0.00	24.82 0.89 0.00	23.80 0.85 0.00	24.42 0.80 0.00	25.79 0.92 0.00	33.74 1.70 0.00	37.23 1.91 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.03 1.58 -0.17	36.77 1.56 -0.55	38.25 1.63 -0.38	46.99 1.96 -0.42	60.98 2.12 0.00	62.84 2.24 0.00	59.11 1.72 0.00	50.75 1.67 0.00	40.31 1.48 0.00	36.51 1.34 0.00	32.20 1.06 0.00
FARRAGUT___LBMP 323566	28.48 1.15 0.00	26.70 0.98 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.79 0.92 0.00	33.71 1.67 0.00	37.20 1.87 0.00	32.68 1.82 0.00	27.95 1.63 0.00	27.37 1.62 0.00	27.76 1.60 0.00	29.48 1.71 -0.14	34.00 1.55 -0.17	36.73 1.52 -0.55	38.18 1.56 -0.38	46.94 1.92 -0.42	60.92 2.06 0.00	62.78 2.18 0.00	59.05 1.66 0.00	50.71 1.62 0.00	40.27 1.44 0.00	36.51 1.34 0.00	32.17 1.03 0.00
FENNER___WINDPWR 24204	27.66 0.33 0.00	26.01 0.28 0.00	24.20 0.26 0.00	23.18 0.23 0.00	23.93 0.31 0.00	25.40 0.35 -0.18	35.06 0.70 -2.32	38.94 0.85 -2.77	34.58 0.71 -3.01	28.99 0.50 -2.18	28.28 0.46 -2.06	29.94 0.50 -3.27	30.17 0.52 -2.01	32.76 0.48 0.00	35.67 0.48 -0.53	37.62 0.62 -0.76	45.75 0.85 -0.30	63.29 1.24 -3.20	66.46 1.39 -4.46	63.65 1.44 -4.82	53.97 1.13 -3.76	43.33 0.93 -3.57	39.01 0.81 -3.02	34.65 0.53 -2.98
FIBERTEK___ENERGY 23856	27.25 -0.08 0.00	25.65 -0.08 0.00	23.86 -0.07 0.00	22.84 -0.11 0.00	23.55 -0.07 0.00	24.88 -0.10 -0.11	34.13 0.10 -1.99	37.04 0.07 -1.64	32.74 0.09 -1.79	27.64 0.03 -1.29	27.00 0.03 -1.23	28.19 0.08 -1.94	28.94 0.11 -1.19	32.25 -0.03 0.00	34.90 -0.07 -0.31	37.16 0.00 -0.92	44.84 0.00 -0.24	63.82 0.18 -4.78	68.05 0.06 -7.39	64.93 0.11 -7.42	54.08 0.00 -5.00	43.04 0.00 -4.21	38.72 0.04 -3.51	34.31 0.06 -3.11
FITZPATRICK___ 23598	26.59 -0.74 0.00	25.06 -0.67 0.00	23.31 -0.62 0.00	22.33 -0.62 0.00	23.00 -0.61 0.00	24.22 -0.65 0.00	26.59 -0.74 4.71	34.51 -0.81 0.00	30.15 -0.71 0.00	25.71 -0.60 0.00	25.16 -0.59 0.00	25.59 -0.58 0.00	27.03 -0.61 0.00	31.47 -0.81 0.00	33.76 -0.90 0.00	31.84 -0.90 3.50	43.00 -1.11 0.49	35.62 -1.41 21.83	23.30 -1.51 35.78	21.54 -1.38 34.47	26.90 -1.23 20.96	21.98 -0.97 15.88	21.32 -0.84 13.01	20.22 -0.75 10.17
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	28.42 1.09 0.00	26.73 1.00 0.00	24.82 0.89 0.00	23.82 0.87 0.00	24.42 0.80 0.00	25.79 0.92 0.00	33.67 1.63 0.00	37.02 1.70 0.00	32.40 1.54 0.00	27.63 1.32 0.00	27.06 1.31 0.00	27.40 1.23 0.00	29.06 1.33 -0.10	33.57 1.16 -0.13	36.25 1.18 -0.42	37.76 1.23 -0.29	46.49 1.56 -0.32	60.63 1.77 0.00	62.66 2.06 0.00	59.05 1.66 0.00	50.71 1.62 0.00	40.15 1.32 0.00	36.34 1.16 0.00	32.08 0.93 0.00
FORT ORANGE___ 23900	27.58 0.25 0.00	25.98 0.26 0.00	24.22 0.29 0.00	23.25 0.30 0.00	23.85 0.24 0.00	25.14 0.27 0.00	32.52 0.48 0.00	35.85 0.53 0.00	31.08 0.22 0.00	26.45 0.13 0.00	25.85 0.10 0.00	26.22 0.05 0.00	27.58 0.06 0.11	31.98 -0.16 0.14	33.93 -0.28 0.45	35.64 -0.29 0.31	43.86 -0.40 0.34	58.33 -0.53 0.00	60.24 -0.36 0.00	56.87 -0.52 0.00	48.89 -0.20 0.00	38.60 -0.23 0.00	34.89 -0.28 0.00	31.02 -0.12 0.00
FORT_DRUM_COGEN 23780	27.80 0.46 0.00	26.08 0.33 -0.02	24.22 0.29 0.00	23.20 0.25 0.00	24.07 0.45 0.00	26.66 0.60 -1.20	46.06 1.09 -12.94	55.51 1.59 -18.60	52.34 1.27 -20.22	41.66 0.74 -14.61	40.24 0.64 -13.85	48.85 0.71 -21.98	41.82 0.69 -13.50	33.08 0.81 0.00	39.03 0.83 -3.55	40.74 1.23 -3.27	47.76 1.43 -1.73	71.05 2.35 -9.84	74.61 3.09 -10.92	74.76 3.33 -14.05	65.86 2.70 -14.08	56.75 2.37 -15.55	50.42 1.86 -13.39	46.86 1.12 -14.60
FOX_HILLS___ESR 323835	21.52 1.18 6.99	18.13 0.98 8.57	18.33 0.89 6.49	15.54 0.80 8.21	16.63 0.76 7.74	16.94 0.85 8.77	22.88 1.63 10.80	23.42 1.84 13.74	22.41 1.85 10.30	21.91 1.66 6.07	21.76 1.65 5.64	21.70 1.60 6.06	21.89 1.74 7.49	18.72 1.61 15.17	23.18 1.63 13.10	23.75 1.81 14.30	24.41 2.01 22.20	36.04 2.53 25.35	37.60 2.73 25.73	31.46 2.18 28.11	29.07 2.06 22.08	23.90 1.59 16.52	23.40 1.44 13.22	23.24 1.12 9.03
FPL_FAR_ROCK_GT1 24212	28.48 1.15 0.00	26.57 0.85 0.00	24.70 0.77 0.00	23.71 0.76 0.00	24.30 0.69 0.00	25.76 0.89 0.00	33.58 1.54 0.00	37.02 1.70 0.00	32.80 1.95 0.00	28.08 1.76 0.00	27.68 1.93 0.00	28.05 1.89 0.00	29.76 1.99 -0.14	34.12 1.68 -0.17	36.41 1.21 -0.54	37.88 1.27 -0.37	46.62 1.60 -0.42	60.68 1.83 0.01	62.65 2.06 0.01	58.93 1.55 0.01	50.60 1.52 0.01	40.10 1.28 0.01	36.27 1.09 0.00	32.20 1.06 0.00
FPL_FAR_ROCK_GT2 23815	28.48 1.15 0.00	26.57 0.85 0.00	24.70 0.77 0.00	23.71 0.76 0.00	24.30 0.69 0.00	25.76 0.89 0.00	33.58 1.54 0.00	37.02 1.70 0.00	32.80 1.95 0.00	28.08 1.76 0.00	27.68 1.93 0.00	28.05 1.89 0.00	29.76 1.99 -0.14	34.12 1.68 -0.17	36.41 1.21 -0.54	37.88 1.27 -0.37	46.62 1.60 -0.42	60.68 1.83 0.01	62.65 2.06 0.01	58.93 1.55 0.01	50.60 1.52 0.01	40.10 1.28 0.01	36.27 1.09 0.00	32.20 1.06 0.00
FRANKLIN_FALL_HYD 24054	27.47 0.14 0.00	25.88 0.13 -0.03	24.03 0.10 0.00	23.14 0.18 0.00	23.85 0.24 0.00	26.79 0.30 -1.63	49.04 0.29 -16.71	60.31 0.42 -24.56	58.09 0.52 -26.71	46.29 0.68 -19.29	44.81 0.77 -18.29	56.00 0.81 -29.02	46.26 0.80 -17.82	33.54 1.26 0.00	40.90 1.56 -4.68	41.72 1.67 -3.82	48.92 2.10 -2.22	71.77 3.06 -9.85	73.14 3.27 -9.27	74.30 3.33 -13.59	67.17 2.50 -15.58	58.87 1.79 -18.25	52.42 1.44 -15.81	50.20 1.25 -17.82



FREEPORT_EQUS_GT1 23764	28.29 0.96 0.00	26.39 0.67 0.00	24.53 0.60 0.00	23.55 0.60 0.00	24.14 0.52 0.00	25.61 0.75 0.00	33.35 1.31 0.00	36.74 1.41 0.00	32.55 1.70 0.00	27.84 1.53 0.00	27.45 1.70 0.00	27.82 1.65 0.00	29.51 1.74 -0.14	33.87 1.42 -0.17	36.07 0.87 -0.54	37.44 0.83 -0.37	46.14 1.12 -0.42	59.91 1.06 0.01	61.92 1.33 0.01	58.24 0.86 0.01	50.01 0.93 0.01	39.68 0.85 0.01	35.88 0.70 0.00	31.92 0.78 0.00
FREEPORT___CT2 23818	28.29 0.96 0.00	26.39 0.67 0.00	24.53 0.60 0.00	23.55 0.60 0.00	24.14 0.52 0.00	25.61 0.75 0.00	33.35 1.31 0.00	36.74 1.41 0.00	32.55 1.70 0.00	27.84 1.53 0.00	27.45 1.70 0.00	27.82 1.65 0.00	29.51 1.74 -0.14	33.87 1.42 -0.17	36.07 0.87 -0.54	37.44 0.83 -0.37	46.14 1.12 -0.42	59.91 1.06 0.01	61.92 1.33 0.01	58.24 0.86 0.01	50.01 0.93 0.01	39.68 0.85 0.01	35.88 0.70 0.00	31.92 0.78 0.00
FRESHKLS_33_KV_LOAD 356253	21.58 1.23 6.99	18.18 1.03 8.57	18.38 0.93 6.49	15.61 0.87 8.21	16.70 0.83 7.74	17.01 0.92 8.77	22.97 1.73 10.80	23.53 1.94 13.74	22.50 1.94 10.30	21.96 1.71 6.07	21.81 1.70 5.64	21.78 1.67 6.06	21.97 1.82 7.49	18.82 1.71 15.17	23.28 1.73 13.10	23.86 1.92 14.30	24.59 2.19 22.20	36.22 2.71 25.35	37.84 2.97 25.73	31.63 2.35 28.11	29.21 2.21 22.08	24.01 1.71 16.52	23.50 1.55 13.22	23.33 1.21 9.03
FULTON COGEN____ 23766	27.36 0.03 0.00	25.75 0.03 0.00	23.96 0.02 0.00	22.93 -0.02 0.00	23.64 0.02 0.00	25.02 0.02 -0.13	34.14 0.26 -1.84	37.66 0.32 -2.02	33.34 0.28 -2.20	28.09 0.18 -1.59	27.44 0.18 -1.51	28.82 0.26 -2.39	29.38 0.28 -1.47	32.44 0.16 0.00	35.18 0.14 -0.39	37.19 0.25 -0.70	45.20 0.36 -0.24	62.63 0.59 -3.18	65.74 0.48 -4.65	62.83 0.57 -4.87	52.99 0.34 -3.56	42.33 0.27 -3.23	38.14 0.25 -2.71	33.93 0.22 -2.57
FULTON___LFGE 323630	28.83 1.50 0.00	27.09 1.36 0.00	25.27 1.34 0.00	24.26 1.31 0.00	24.96 1.35 0.00	26.41 1.54 0.00	34.28 2.24 0.00	37.48 2.16 0.00	31.88 1.02 0.00	26.90 0.58 0.00	25.96 0.21 0.00	26.22 0.05 0.00	27.60 0.06 0.09	32.20 0.03 0.11	34.55 0.24 0.35	36.76 0.76 0.24	45.85 1.52 0.27	61.33 2.47 0.00	64.17 3.57 0.00	60.89 3.50 0.00	52.13 3.04 0.00	41.16 2.33 0.00	37.14 1.97 0.00	32.85 1.71 0.00
G.F.CEMENT___DRP 24184	28.86 1.53 0.00	27.09 1.36 0.00	25.30 1.36 0.00	24.31 1.35 0.00	24.97 1.35 0.00	26.28 1.42 0.00	34.06 2.02 0.00	37.62 2.30 0.00	32.37 1.51 0.00	27.50 1.18 0.00	26.65 0.90 0.00	26.98 0.81 0.00	28.33 0.83 0.14	32.98 0.87 0.17	35.04 0.94 0.55	36.37 0.51 0.38	44.98 0.80 0.42	60.10 1.24 0.00	62.54 1.94 0.00	59.17 1.78 0.00	50.80 1.72 0.00	40.07 1.24 0.00	36.20 1.02 0.00	32.73 1.59 0.00
GARDENVILLE___LBMP 24039	26.57 -0.77 0.00	25.37 -0.36 0.00	23.72 -0.22 0.00	22.59 -0.37 0.00	23.26 -0.35 0.00	24.27 -0.60 0.00	31.54 -0.87 -0.36	33.88 -1.45 0.00	30.03 -0.83 0.00	25.74 -0.58 0.00	25.21 -0.54 0.00	25.85 -0.31 0.00	27.50 -0.14 0.00	31.66 -0.61 0.00	34.03 -0.62 0.00	35.89 -0.62 -0.26	43.75 -0.89 -0.04	59.04 -1.47 -1.65	61.61 -1.70 -2.70	58.79 -1.21 -2.60	49.34 -1.33 -1.58	39.41 -0.62 -1.20	36.19 0.04 -0.98	32.56 0.65 -0.77
GARDNVLA_35_KV_LD 355827	26.65 -0.68 0.00	25.47 -0.26 0.00	23.81 -0.12 0.00	22.68 -0.28 0.00	23.36 -0.26 0.00	24.37 -0.50 0.00	31.70 -0.70 -0.36	34.23 -1.10 0.00	30.40 -0.46 0.00	26.05 -0.26 0.00	25.54 -0.21 0.00	26.19 0.03 0.00	27.86 0.22 0.00	32.05 -0.23 0.00	34.45 -0.21 0.00	36.31 -0.18 -0.26	44.24 -0.40 -0.04	59.63 -0.82 -1.59	62.06 -1.15 -2.61	59.22 -0.69 -2.52	49.78 -0.83 -1.53	39.72 -0.27 -1.16	36.44 0.32 -0.95	32.76 0.87 -0.74
GELCKHM___115KV_LOAD 80723	27.08 -0.25 0.00	25.52 -0.21 0.00	23.77 -0.17 0.00	22.75 -0.21 0.00	23.43 -0.19 0.00	24.79 -0.20 -0.12	33.88 -0.06 -1.91	37.08 -0.11 -1.86	32.82 -0.06 -2.02	27.67 -0.11 -1.46	27.03 -0.10 -1.39	28.34 -0.03 -2.20	28.96 -0.03 -1.35	32.08 -0.19 0.00	34.77 -0.24 -0.35	36.85 -0.18 -0.79	44.62 -0.22 -0.24	62.50 -0.24 -3.87	66.06 -0.36 -5.83	63.13 -0.23 -5.97	52.97 -0.29 -4.18	42.25 -0.23 -3.65	38.06 -0.18 -3.06	33.82 -0.12 -2.80
GENERAL___MILLS 23808	26.62 -0.71 0.00	25.42 -0.31 0.00	23.77 -0.17 0.00	22.63 -0.32 0.00	23.31 -0.31 0.00	24.32 -0.55 0.00	31.63 -0.77 -0.36	34.05 -1.27 0.00	30.24 -0.62 0.00	25.92 -0.39 0.00	25.42 -0.33 0.00	26.06 -0.10 0.00	27.72 0.08 0.00	31.89 -0.39 0.00	34.28 -0.38 0.00	36.10 -0.40 -0.26	44.01 -0.62 -0.04	59.29 -1.18 -1.60	61.77 -1.45 -2.63	58.94 -0.98 -2.53	49.50 -1.13 -1.54	39.53 -0.47 -1.17	36.31 0.18 -0.96	32.67 0.78 -0.75
GE_PLASTICS___DRP 24183	27.60 0.27 0.00	25.98 0.26 0.00	24.20 0.26 0.00	23.23 0.28 0.00	23.85 0.24 0.00	25.11 0.25 0.00	32.52 0.48 0.00	35.85 0.53 0.00	31.23 0.37 0.00	26.58 0.26 0.00	25.98 0.23 0.00	26.35 0.18 0.00	27.78 0.22 0.08	32.25 0.06 0.10	34.31 -0.03 0.31	35.95 -0.07 0.22	44.27 -0.09 0.24	58.68 -0.18 0.00	60.48 -0.12 0.00	57.16 -0.23 0.00	49.09 0.00 0.00	38.79 -0.04 0.00	35.11 -0.07 0.00	31.11 -0.03 0.00
GILBOA___1 23756	27.77 0.44 0.00	26.14 0.41 0.00	24.32 0.38 0.00	23.32 0.37 0.00	23.97 0.35 0.00	25.24 0.37 0.00	32.78 0.74 0.00	36.10 0.78 0.00	31.51 0.65 0.00	26.87 0.55 0.00	26.29 0.54 0.00	26.66 0.50 0.00	28.16 0.52 0.00	32.63 0.36 0.00	35.00 0.35 0.00	36.53 0.29 0.00	44.92 0.31 0.00	59.16 0.30 0.00	60.66 0.06 0.00	57.27 -0.11 0.00	49.33 0.25 0.00	39.10 0.27 0.00	35.42 0.25 0.00	31.39 0.25 0.00
GILBOA___2 23757	27.77 0.44 0.00	26.14 0.41 0.00	24.32 0.38 0.00	23.32 0.37 0.00	23.97 0.35 0.00	25.24 0.37 0.00	32.78 0.74 0.00	36.10 0.78 0.00	31.51 0.65 0.00	26.87 0.55 0.00	26.29 0.54 0.00	26.66 0.50 0.00	28.16 0.52 0.00	32.63 0.36 0.00	35.00 0.35 0.00	36.53 0.29 0.00	44.92 0.31 0.00	59.16 0.30 0.00	60.66 0.06 0.00	57.27 -0.11 0.00	49.33 0.25 0.00	39.10 0.27 0.00	35.42 0.25 0.00	31.39 0.25 0.00
GILBOA___3 23758	27.77 0.44 0.00	26.14 0.41 0.00	24.32 0.38 0.00	23.32 0.37 0.00	23.97 0.35 0.00	25.24 0.37 0.00	32.78 0.74 0.00	36.10 0.78 0.00	31.51 0.65 0.00	26.87 0.55 0.00	26.29 0.54 0.00	26.66 0.50 0.00	28.16 0.52 0.00	32.63 0.36 0.00	35.00 0.35 0.00	36.53 0.29 0.00	44.92 0.31 0.00	59.16 0.30 0.00	60.66 0.06 0.00	57.27 -0.11 0.00	49.33 0.25 0.00	39.10 0.27 0.00	35.42 0.25 0.00	31.39 0.25 0.00
GILBOA___4 23759	27.77 0.44 0.00	26.14 0.41 0.00	24.32 0.38 0.00	23.32 0.37 0.00	23.97 0.35 0.00	25.24 0.37 0.00	32.78 0.74 0.00	36.10 0.78 0.00	31.51 0.65 0.00	26.87 0.55 0.00	26.29 0.54 0.00	26.66 0.50 0.00	28.16 0.52 0.00	32.63 0.36 0.00	35.00 0.35 0.00	36.53 0.29 0.00	44.92 0.31 0.00	59.16 0.30 0.00	60.66 0.06 0.00	57.27 -0.11 0.00	49.33 0.25 0.00	39.10 0.27 0.00	35.42 0.25 0.00	31.39 0.25 0.00

GILBOA____ 23599	27.77 0.44 0.00	26.14 0.41 0.00	24.32 0.38 0.00	23.32 0.37 0.00	23.97 0.35 0.00	25.24 0.37 0.00	32.78 0.74 0.00	36.10 0.78 0.00	31.51 0.65 0.00	26.87 0.55 0.00	26.29 0.54 0.00	26.67 0.50 0.00	28.16 0.53 0.00	32.63 0.36 0.00	35.00 0.35 0.00	36.49 0.25 0.00	44.91 0.31 0.00	59.21 0.35 0.00	60.66 0.06 0.00	57.33 -0.06 0.00	49.33 0.25 0.00	39.10 0.27 0.00	35.42 0.25 0.00	31.36 0.22 0.00
GINNA____ 23603	25.85 -1.48 0.00	24.47 -1.26 0.00	22.83 -1.10 0.00	21.76 -1.19 0.00	22.51 -1.11 0.00	23.60 -1.27 0.00	30.87 -1.51 -0.34	33.73 -1.59 0.00	29.56 -1.29 0.00	25.26 -1.05 0.00	24.75 -1.00 0.00	25.25 -0.92 0.00	26.78 -0.86 0.00	31.12 -1.16 0.00	33.34 -1.32 0.00	35.20 -1.27 -0.23	42.99 -1.65 -0.03	58.13 -2.18 -1.44	60.60 -2.36 -2.37	57.60 -2.06 -2.28	48.46 -2.01 -1.39	38.25 -1.63 -1.05	34.80 -1.23 -0.86	30.76 -1.06 -0.67
GLEN PARK____ 23778	27.93 0.60 0.00	26.21 0.46 -0.02	24.34 0.41 0.00	23.30 0.34 0.00	24.18 0.57 0.00	26.72 0.72 -1.14	45.66 1.31 -12.31	54.82 1.84 -17.66	51.51 1.45 -19.20	41.05 0.87 -13.87	39.65 0.75 -13.15	47.85 0.81 -20.87	41.25 0.80 -12.82	33.18 0.90 0.00	38.99 0.97 -3.37	40.76 1.38 -3.15	47.91 1.65 -1.65	71.20 2.77 -9.57	74.92 3.57 -10.75	74.94 3.85 -13.70	65.77 3.09 -13.59	56.44 2.68 -14.93	50.17 2.15 -12.85	46.36 1.25 -13.97
GLENDALE_27_KV_LOAD 356172	28.59 1.26 0.00	26.81 1.08 0.00	24.92 0.98 0.00	23.85 0.90 0.00	24.49 0.87 0.00	25.84 0.97 0.00	33.80 1.76 0.00	37.34 2.01 0.00	32.83 1.97 0.00	28.05 1.74 0.00	27.50 1.75 0.00	27.87 1.70 0.00	29.62 1.85 -0.14	34.16 1.71 -0.17	36.94 1.73 -0.55	38.47 1.85 -0.38	47.21 2.19 -0.42	61.39 2.53 0.00	63.33 2.73 0.00	59.57 2.18 0.00	51.10 2.01 0.00	40.50 1.67 0.00	36.69 1.51 0.00	32.36 1.21 0.00
GLENWOOD_IC_1_G5 23712	28.37 1.04 0.00	26.55 0.82 0.00	24.68 0.74 0.00	23.66 0.71 0.00	24.28 0.66 0.00	25.69 0.82 0.00	33.51 1.47 0.00	36.95 1.62 0.00	32.59 1.73 0.00	27.87 1.55 0.00	27.45 1.70 0.00	27.82 1.65 0.00	29.51 1.74 -0.14	33.96 1.52 -0.17	36.45 1.25 -0.55	37.85 1.23 -0.38	46.58 1.56 -0.42	60.09 1.24 0.00	62.05 1.45 0.00	58.42 1.03 0.00	50.06 0.98 0.00	39.99 1.16 0.00	36.27 1.09 0.00	31.98 0.84 0.00
GLENWOOD_IC_2_G1 23688	28.31 0.98 0.00	26.53 0.80 0.00	24.65 0.72 0.00	23.66 0.71 0.00	24.26 0.64 0.00	25.66 0.80 0.00	33.51 1.47 0.00	36.95 1.63 0.00	32.52 1.67 0.00	27.79 1.47 0.00	27.32 1.57 0.00	27.71 1.54 0.00	29.40 1.63 -0.14	33.87 1.42 -0.17	36.42 1.21 -0.55	37.81 1.19 -0.38	46.50 1.47 -0.42	60.39 1.53 0.00	62.29 1.69 0.00	58.60 1.21 0.00	50.36 1.27 0.00	39.96 1.13 0.00	36.16 0.98 0.00	32.01 0.87 0.00
GLENWOOD_IC_3_G1 23689	28.31 0.98 0.00	26.53 0.80 0.00	24.65 0.72 0.00	23.66 0.71 0.00	24.26 0.64 0.00	25.66 0.80 0.00	33.51 1.47 0.00	36.95 1.63 0.00	32.52 1.67 0.00	27.79 1.47 0.00	27.32 1.57 0.00	27.71 1.54 0.00	29.40 1.63 -0.14	33.87 1.42 -0.17	36.42 1.21 -0.55	37.81 1.19 -0.38	46.50 1.47 -0.42	60.39 1.53 0.00	62.29 1.69 0.00	58.60 1.21 0.00	50.36 1.27 0.00	39.96 1.13 0.00	36.16 0.98 0.00	32.01 0.87 0.00
GLENWOOD____4 23550	28.37 1.04 0.00	26.55 0.82 0.00	24.68 0.74 0.00	23.66 0.71 0.00	24.28 0.66 0.00	25.69 0.82 0.00	33.51 1.47 0.00	36.95 1.62 0.00	32.59 1.73 0.00	27.87 1.55 0.00	27.45 1.70 0.00	27.82 1.65 0.00	29.51 1.74 -0.14	33.96 1.52 -0.17	36.45 1.25 -0.55	37.85 1.23 -0.38	46.58 1.56 -0.42	60.27 1.41 0.00	62.17 1.58 0.00	58.53 1.15 0.00	50.21 1.13 0.00	39.99 1.16 0.00	36.27 1.09 0.00	31.98 0.84 0.00
GLENWOOD____5 23614	28.37 1.04 0.00	26.55 0.82 0.00	24.68 0.74 0.00	23.66 0.71 0.00	24.28 0.66 0.00	25.69 0.82 0.00	33.51 1.47 0.00	36.95 1.62 0.00	32.59 1.73 0.00	27.87 1.55 0.00	27.45 1.70 0.00	27.82 1.65 0.00	29.51 1.74 -0.14	33.96 1.52 -0.17	36.45 1.25 -0.55	37.85 1.23 -0.38	46.58 1.56 -0.42	60.27 1.41 0.00	62.17 1.58 0.00	58.53 1.15 0.00	50.21 1.13 0.00	39.99 1.16 0.00	36.27 1.09 0.00	31.98 0.84 0.00
GLOBAL GREEN_PORT_GT1 23814	28.34 1.01 0.00	26.37 0.64 0.00	24.51 0.57 0.00	23.62 0.67 0.00	24.21 0.59 0.00	25.74 0.87 0.00	33.55 1.51 0.00	37.19 1.87 0.00	32.99 2.13 0.00	28.27 1.95 0.00	27.97 2.21 0.00	28.31 2.15 0.00	30.01 2.24 -0.14	34.45 2.00 -0.17	36.59 1.39 -0.54	37.84 1.23 -0.37	46.81 1.79 -0.42	60.91 2.06 0.01	63.14 2.54 0.01	59.39 2.01 0.01	50.70 1.62 0.01	40.34 1.51 0.01	36.30 1.13 0.00	32.20 1.06 0.00
GLOBE____DSASP 323697	25.99 -1.34 0.00	24.90 -0.82 0.00	23.29 -0.65 0.00	22.17 -0.78 0.00	22.84 -0.78 0.00	23.80 -1.07 0.00	30.82 -1.57 -0.35	33.24 -2.08 0.00	29.47 -1.39 0.00	25.26 -1.05 0.00	24.77 -0.98 0.00	25.41 -0.76 0.00	26.97 -0.66 0.00	31.05 -1.23 0.00	33.34 -1.32 0.00	35.00 -1.49 -0.25	42.50 -2.14 -0.03	57.10 -3.30 -1.54	59.43 -3.70 -2.52	56.72 -3.10 -2.43	47.67 -2.90 -1.48	38.24 -1.71 -1.12	35.18 -0.91 -0.92	32.01 0.16 -0.72
GOETHSLN____LBMP 323567	21.32 0.98 6.99	17.97 0.82 8.58	18.18 0.74 6.49	15.45 0.71 8.22	16.53 0.66 7.75	16.88 0.80 8.78	22.74 1.51 10.80	23.33 1.73 13.73	22.26 1.70 10.29	21.76 1.50 6.06	21.61 1.49 5.63	21.58 1.47 6.06	21.73 1.58 7.48	18.50 1.39 15.16	22.91 1.35 13.09	23.33 1.38 14.29	24.09 1.69 22.20	35.21 1.71 25.36	36.75 1.88 25.73	30.59 1.32 28.12	28.32 1.33 22.09	23.55 1.24 16.53	23.08 1.13 13.22	22.98 0.87 9.03
GOLAH____69_KV_TB 1_2 80279	27.11 -0.22 0.00	25.75 0.03 0.00	24.03 0.10 0.00	22.88 -0.07 0.00	23.69 0.07 0.00	24.82 -0.05 0.00	32.32 -0.06 -0.35	35.22 -0.11 0.00	30.95 0.09 0.00	26.42 0.11 0.00	25.88 0.13 0.00	26.40 0.24 0.00	27.99 0.36 0.00	32.44 0.16 0.00	34.80 0.14 0.00	36.68 0.22 -0.23	44.68 0.04 -0.03	60.29 0.00 -1.43	62.83 -0.12 -2.35	59.88 0.23 -2.26	50.51 0.05 -1.38	39.99 0.12 -1.04	36.45 0.42 -0.85	32.49 0.69 -0.67
GOODYEAR_LAKE_HYD 323669	28.12 0.79 0.00	26.42 0.69 0.00	24.60 0.67 0.00	23.55 0.60 0.00	24.30 0.68 0.00	25.64 0.77 0.00	33.57 1.35 -0.18	36.74 1.41 0.00	32.03 1.17 0.00	27.21 0.89 0.00	26.57 0.82 0.00	27.01 0.84 0.00	28.52 0.88 0.00	33.08 0.81 0.00	35.49 0.83 0.00	37.39 1.01 -0.14	46.05 1.43 -0.02	61.59 1.88 -0.85	64.05 2.06 -1.39	60.68 1.95 -1.34	51.66 1.77 -0.81	40.92 1.48 -0.62	36.95 1.27 -0.50	32.47 0.93 -0.39
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	27.41 0.08 0.00	25.88 0.15 0.00	24.08 0.14 0.00	23.02 0.07 0.00	23.74 0.12 0.00	24.94 0.07 0.00	32.80 0.32 -0.44	35.54 0.21 0.00	31.07 0.22 0.00	26.48 0.16 0.00	25.90 0.15 0.00	26.40 0.24 0.00	27.91 0.28 0.00	32.34 0.06 0.00	34.73 0.07 0.00	36.64 0.07 -0.33	44.87 0.22 -0.05	61.15 0.24 -2.05	64.09 0.12 -3.36	60.86 0.23 -3.24	51.20 0.15 -1.97	40.52 0.19 -1.49	36.72 0.32 -1.22	32.50 0.40 -0.96

GOUDEY___7 23579	27.41 0.08 0.00	25.88 0.15 0.00	24.08 0.14 0.00	23.02 0.07 0.00	23.74 0.12 0.00	24.94 0.07 0.00	32.80 0.32 -0.44	35.54 0.21 0.00	31.07 0.22 0.00	26.48 0.16 0.00	25.90 0.15 0.00	26.40 0.24 0.00	27.91 0.28 0.00	32.34 0.06 0.00	34.73 0.07 0.00	36.64 0.07 -0.33	44.87 0.22 -0.05	61.15 0.24 -2.05	64.09 0.12 -3.36	60.86 0.23 -3.24	51.20 0.15 -1.97	40.52 0.19 -1.49	36.72 0.32 -1.22	32.50 0.40 -0.96
GOUDEY___8 23580	27.41 0.08 0.00	25.88 0.15 0.00	24.08 0.14 0.00	23.02 0.07 0.00	23.74 0.12 0.00	24.94 0.07 0.00	32.80 0.32 -0.44	35.54 0.21 0.00	31.07 0.22 0.00	26.48 0.16 0.00	25.90 0.15 0.00	26.40 0.24 0.00	27.91 0.28 0.00	32.34 0.06 0.00	34.73 0.07 0.00	36.64 0.07 -0.33	44.87 0.22 -0.05	61.15 0.24 -2.05	64.09 0.12 -3.36	60.86 0.23 -3.24	51.20 0.15 -1.97	40.52 0.19 -1.49	36.72 0.32 -1.22	32.50 0.40 -0.96
GOWANUS_GT1_1 24077	28.51 1.18 0.00	26.70 0.98 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.74 0.87 0.00	33.71 1.67 0.00	37.20 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.43 1.81 -0.38	47.08 2.05 -0.42	62.04 2.59 -0.59	63.44 2.79 -0.06	60.28 2.24 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.62 1.44 0.00	32.26 1.12 0.00
GOWANUS_GT1_2 24078	28.51 1.18 0.00	26.70 0.98 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.74 0.87 0.00	33.71 1.67 0.00	37.20 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.43 1.81 -0.38	47.08 2.05 -0.42	62.04 2.59 -0.59	63.44 2.79 -0.06	60.28 2.24 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.62 1.44 0.00	32.26 1.12 0.00
GOWANUS_GT1_3 24079	28.51 1.18 0.00	26.70 0.98 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.74 0.87 0.00	33.71 1.67 0.00	37.20 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.43 1.81 -0.38	47.08 2.05 -0.42	62.04 2.59 -0.59	63.44 2.79 -0.06	60.28 2.24 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.62 1.44 0.00	32.26 1.12 0.00
GOWANUS_GT1_4 24080	28.51 1.18 0.00	26.70 0.98 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.74 0.87 0.00	33.71 1.67 0.00	37.20 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.43 1.81 -0.38	47.08 2.05 -0.42	62.04 2.59 -0.59	63.44 2.79 -0.06	60.28 2.24 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.62 1.44 0.00	32.26 1.12 0.00
GOWANUS_GT1_5 24084	28.51 1.18 0.00	26.70 0.98 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.74 0.87 0.00	33.71 1.67 0.00	37.20 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.43 1.81 -0.38	47.08 2.05 -0.42	62.04 2.59 -0.59	63.44 2.79 -0.06	60.28 2.24 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.62 1.44 0.00	32.26 1.12 0.00
GOWANUS_GT1_6 24111	28.51 1.18 0.00	26.70 0.98 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.74 0.87 0.00	33.71 1.67 0.00																	

GOWANUS_GT2_6 24119	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	47.08 2.05 -0.42	62.03 2.59 -0.59	63.44 2.79 -0.06	60.22 2.18 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.58 1.41 0.00	32.35 1.21 0.00
GOWANUS_GT2_7 24120	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	47.08 2.05 -0.42	62.03 2.59 -0.59	63.44 2.79 -0.06	60.22 2.18 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.58 1.41 0.00	32.35 1.21 0.00
GOWANUS_GT2_8 24121	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	47.08 2.05 -0.42	62.03 2.59 -0.59	63.44 2.79 -0.06	60.22 2.18 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.58 1.41 0.00	32.35 1.21 0.00
GOWANUS_GT3_1 24122	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	47.08 2.05 -0.42	62.03 2.59 -0.59	63.44 2.79 -0.06	60.22 2.18 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.58 1.41 0.00	32.35 1.21 0.00
GOWANUS_GT3_2 24123	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	47.08 2.05 -0.42	62.03 2.59 -0.59	63.44 2.79 -0.06	60.22 2.18 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.58 1.41 0.00	32.35 1.21 0.00
GOWANUS_GT3_3 24124	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	47.08 2.05 -0.42	62.03 2.59 -0.59	63.44 2.79 -0.06	60.22 2.18 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.58 1.41 0.00	32.35 1.21 0.00
GOWANUS_GT3_4 24125	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	47.08 2.05 -0.42	62.03 2.59 -0.59	63.44 2.79 -0.06	60.22 2.18 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.58 1.41 0.00	32.35 1.21 0.00
GOWANUS_GT3_5 24126	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	47.08 2.05 -0.42	62.03 2.59 -0.59	63.44 2.79 -0.06	60.22 2.18 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.58 1.41 0.00	32.35 1.21 0.00
GOWANUS_GT3_6 24127	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	47.08 2.05 -0.42	62.03 2.59 -0.59	63.44 2.79 -0.06	60.22 2.18 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.58 1.41 0.00	32.35 1.21 0.00
GOWANUS_GT3_7 24128	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	47.08 2.05 -0.42	62.03 2.59 -0.59	63.44 2.79 -0.06	60.22 2.18 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.58 1.41 0.00	32.35 1.21 0.00
GOWANUS_GT3_8 24129	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	47.08 2.05 -0.42	62.03 2.59 -0.59	63.44 2.79 -0.06	60.22 2.18 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.58 1.41 0.00	32.35 1.21 0.00
GOWANUS_GT4_1 24130	28.51 1.18 0.00	26.70 0.98 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.74 0.87 0.00	33.71 1.67 0.00	37.20 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.43 1.81 -0.38	47.08 2.05 -0.42	62.04 2.59 -0.59	63.44 2.79 -0.06	60.28 2.24 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.62 1.44 0.00	32.26 1.12 0.00
GOWANUS_GT4_2 24131	28.51 1.18 0.00	26.70 0.98 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.74 0.87 0.00	33.71 1.67 0.00	37.20 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.43 1.81 -0.38	47.08 2.05 -0.42	62.04 2.59 -0.59	63.44 2.79 -0.06	60.28 2.24 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.62 1.44 0.00	32.26 1.12 0.00
GOWANUS_GT4_3 24132	28.51 1.18 0.00	26.70 0.98 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.74 0.87 0.00	33.71 1.67 0.00	37.20 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.43 1.81 -0.38	47.08 2.05 -0.42	62.04 2.59 -0.59	63.44 2.79 -0.06	60.28 2.24 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.62 1.44 0.00	32.26 1.12 0.00
GOWANUS_GT4_4 24133	28.51 1.18 0.00	26.70 0.98 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.74 0.87 0.00	33.71 1.67 0.00	37.20 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.43 1.81 -0.38	47.08 2.05 -0.42	62.04 2.59 -0.59	63.44 2.79 -0.06	60.28 2.24 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.62 1.44 0.00	32.26 1.12 0.00

GOWANUS_GT4_5 24134	28.51 1.18 0.00	26.70 0.98 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.74 0.87 0.00	33.71 1.67 0.00	37.20 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.43 1.81 -0.38	47.08 2.05 -0.42	62.04 2.59 -0.59	63.44 2.79 -0.06	60.28 2.24 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.62 1.44 0.00	32.26 1.12 0.00
GOWANUS_GT4_6 24135	28.51 1.18 0.00	26.70 0.98 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.74 0.87 0.00	33.71 1.67 0.00	37.20 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.43 1.81 -0.38	47.08 2.05 -0.42	62.04 2.59 -0.59	63.44 2.79 -0.06	60.28 2.24 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.62 1.44 0.00	32.26 1.12 0.00
GOWANUS_GT4_7 24136	28.51 1.18 0.00	26.70 0.98 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.74 0.87 0.00	33.71 1.67 0.00	37.20 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.43 1.81 -0.38	47.08 2.05 -0.42	62.04 2.59 -0.59	63.44 2.79 -0.06	60.28 2.24 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.62 1.44 0.00	32.26 1.12 0.00
GOWANUS_GT4_8 24137	28.51 1.18 0.00	26.70 0.98 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.74 0.87 0.00	33.71 1.67 0.00	37.20 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.43 1.81 -0.38	47.08 2.05 -0.42	62.04 2.59 -0.59	63.44 2.79 -0.06	60.28 2.24 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.62 1.44 0.00	32.26 1.12 0.00
GREATVR_69_KV_BK1 356245	28.42 1.09 0.00	26.47 0.75 0.00	24.60 0.67 0.00	23.64 0.69 0.00	24.21 0.59 0.00	25.74 0.87 0.00	33.58 1.54 0.00	37.12 1.80 0.00	32.90 2.04 0.00	28.16 1.84 0.00	27.78 2.03 0.00	28.13 1.96 0.00	29.84 2.07 -0.14	34.22 1.78 -0.17	36.41 1.21 -0.54	37.77 1.16 -0.37	46.63 1.61 -0.42	60.56 1.71 0.01	62.71 2.12 0.01	59.05 1.66 0.01	50.40 1.33 0.01	40.06 1.24 0.01	36.44 1.27 0.00	32.11 0.97 0.00
GREENBSH_115KV_TB3 55895	27.49 0.16 0.00	25.88 0.15 0.00	24.10 0.17 0.00	23.16 0.21 0.00	23.76 0.14 0.00	25.04 0.17 0.00	32.36 0.32 0.00	35.71 0.39 0.00	31.04 0.19 0.00	26.45 0.13 0.00	25.85 0.10 0.00	26.22 0.05 0.00	27.58 0.06 0.11	31.98 -0.16 0.14	33.93 -0.28 0.45	35.57 -0.36 0.31	43.86 -0.40 0.34	58.27 -0.59 0.00	60.11 -0.48 0.00	56.76 -0.63 0.00	48.79 -0.29 0.00	38.52 -0.31 0.00	34.86 -0.32 0.00	30.92 -0.22 0.00
GREENDGE_115KV_TB5 80291	27.55 0.22 0.00	26.01 0.28 0.00	24.22 0.29 0.00	23.11 0.16 0.00	23.88 0.26 0.00	25.11 0.25 0.00	33.29 0.70 -0.55	36.35 1.02 0.00	31.66 0.80 0.00	26.87 0.55 0.00	26.24 0.49 0.00	26.80 0.63 0.00	28.38 0.75 0.00	32.89 0.61 0.00	35.35 0.69 0.00	37.59 0.94 -0.42	45.82 1.16 -0.06	62.75 1.29 -2.59	66.12 1.27 -4.25	62.91 1.43 -4.09	52.46 0.88 -2.49	41.37 0.66 -1.88	37.74 1.02 -1.54	33.41 1.06 -1.21
GREENIDGE___3 23582	27.55 0.22 0.00	26.01 0.28 0.00	24.22 0.29 0.00	23.11 0.16 0.00	23.88 0.26 0.00	25.11 0.25 0.00	33.29 0.70 -0.55	36.35 1.02 0.00	31.66 0.80 0.00	26.87 0.55 0.00	26.24 0.49 0.00	26.80 0.63 0.00	28.38 0.75 0.00	32.89 0.61 0.00	35.35 0.69 0.00	37.59 0.94 -0.42	45.82 1.16 -0.06	62.75 1.29 -2.59	66.12 1.27 -4.25	62.91 1.43 -4.09	52.46 0.88 -2.49	41.37 0.66 -1.88	37.74 1.02 -1.54	33.41 1.06 -1.21
GREENIDGE___4 23583	27.60 0.27 0.00	26.01 0.28 0.00	24.22 0.29 0.00	23.11 0.16 0.00	23.90 0.28 0.00	25.11 0.25 0.00	33.29 0.70 -0.55	36.35 1.03 0.00	31.63 0.77 0.00	26.87 0.55 0.00	26.24 0.49 0.00	26.80 0.63 0.00	28.35 0.72 0.00	32.89 0.61 0.00	35.35 0.69 0.00	37.52 0.87 -0.42	45.82 1.16 -0.06	62.81 1.35 -2.59	66.12 1.27 -4.25	63.08 1.60 -4.09	52.46 0.88 -2.49	41.37 0.66 -1.88	37.81 1.09 -1.54	33.32 0.97 -1.21
GREENLWN_69_KV_BK 3 55738	27.96 0.63 0.00	26.06 0.33 0.00	24.22 0.29 0.00	23.27 0.32 0.00	23.83 0.21 0.00	25.31 0.45 0.00	32.97 0.93 0.00	36.42 1.10 0.00	32.25 1.39 0.00	27.61 1.29 0.00	27.24 1.49 0.00	27.58 1.41 0.00	29.26 1.49 -0.14	33.58 1.13 -0.17	35.65 0.45 -0.54	36.94 0.33 -0.37	45.33 0.31 -0.42	58.85 0.00 0.01	60.83 0.24 0.01	57.27 -0.11 0.01	49.03 -0.05 0.01	38.90 0.08 0.01	35.67 0.49 0.00	31.52 0.37 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	28.51 1.18 0.00	26.70 0.98 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.74 0.87 0.00	33.71 1.67 0.00	37.20 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.43 1.81 -0.38	47.08 2.05 -0.42	62.04 2.59 -0.59	63.44 2.79 -0.06	60.28 2.24 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.62 1.44 0.00	32.26 1.12 0.00
GRISSOM___SOLAR 323813	28.75 1.42 0.00	27.01 1.29 0.00	25.20 1.27 0.00	24.19 1.24 0.00	24.89 1.27 0.00	26.31 1.44 0.00	34.12 2.08 0.00	37.37 2.05 0.00	31.82 0.96 0.00	26.82 0.50 0.00	25.85 0.10 0.00	26.09 -0.08 0.00	27.46 -0.08 0.09	32.07 -0.10 0.11	34.40 0.10 0.36	36.57 0.58 0.25	45.62 1.29 0.28	61.10 2.24 0.00	63.87 3.27 0.00	60.54 3.15 0.00	51.88 2.80 0.00	40.93 2.10 0.00	36.97 1.79 0.00	32.73 1.59 0.00
GROVEVILLE___HYD 323602	28.42 1.09 0.00	26.73 1.00 0.00	24.82 0.89 0.00	23.82 0.87 0.00	24.42 0.80 0.00	25.79 0.92 0.00	33.67 1.63 0.00	37.02 1.70 0.00	32.40 1.54 0.00	27.63 1.32 0.00	27.06 1.31 0.00	27.40 1.23 0.00	29.06 1.33 -0.10	33.57 1.16 -0.13	36.25 1.18 -0.42	37.76 1.23 -0.29	46.49 1.56 -0.32	60.63 1.77 0.00	62.66 2.06 0.00	59.05 1.66 0.00	50.71 1.62 0.00	40.15 1.32 0.00	36.34 1.16 0.00	32.08 0.93 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	27.25 -0.08 0.00	25.65 -0.08 0.00	23.86 -0.07 0.00	22.84 -0.11 0.00	23.55 -0.07 0.00	24.88 -0.10 -0.11	34.13 0.10 -1.99	37.04 0.07 -1.64	32.74 0.09 -1.79	27.64 0.03 -1.29	27.00 0.03 -1.23	28.19 0.08 -1.94	28.94 0.11 -1.19	32.25 -0.03 0.00	34.90 -0.07 -0.31	37.16 0.00 -0.92	44.84 0.00 -0.24	63.82 0.18 -4.78	68.05 0.06 -7.39	64.93 0.11 -7.42	54.08 0.00 -5.00	43.04 0.00 -4.21	38.72 0.04 -3.51	34.31 0.06 -3.11
HAMLTNNY_34_KV_TB 80303	27.30 -0.03 0.00	25.75 0.03 0.00	23.96 0.02 0.00	22.91 -0.05 0.00	23.64 0.02 0.00	24.96 0.00 -0.10	34.09 0.22 -1.83	36.45 1.13 0.00	32.00 1.14 0.00	27.27 0.95 0.00	26.70 0.95 0.00	27.32 1.15 0.00	28.91 1.27 0.00	33.57 1.29 0.00	36.04 1.39 0.00	38.21 1.67 -0.31	46.56 1.92 -0.04	61.90 0.53 -2.51	64.73 0.42 -3.71	61.69 0.46 -3.84	52.09 0.25 -2.76	41.53 0.23 -2.47	37.49 0.25 -2.07	33.36 0.28 -1.94

HAMPSHIRE___PAPER_HYD 323593	27.52 0.19 0.00	25.91 0.13 -0.05	24.03 0.10 0.00	23.07 0.12 0.00	23.83 0.21 0.00	28.18 0.27 -3.04	63.83 0.32 -31.47	81.83 0.56 -45.94	81.24 0.43 -49.95	62.66 0.26 -36.08	60.17 0.21 -34.21	80.77 0.32 -54.29	61.25 0.28 -33.34	32.79 0.51 0.00	44.07 0.66 -8.76	44.28 0.72 -7.32	49.45 0.67 -4.18	79.60 1.24 -19.50	81.33 1.64 -19.09	86.28 1.78 -27.11	80.58 1.33 -30.17	74.99 1.24 -34.92	66.40 1.02 -30.20	65.65 0.68 -33.82
HARDSCRABBLE_WT_PWR 323673	27.11 -0.22 0.00	25.50 -0.23 0.00	23.74 -0.19 0.00	22.77 -0.18 0.00	23.45 -0.16 0.00	24.62 -0.35 -0.10	32.86 -0.26 -1.07	36.89 -0.04 -1.60	32.66 0.06 -1.74	27.49 -0.08 -1.26	26.94 0.00 -1.19	28.08 0.03 -1.89	28.85 0.06 -1.16	32.31 0.03 0.00	34.89 -0.07 -0.30	36.49 0.00 -0.25	44.70 -0.04 -0.14	59.32 -0.18 -0.64	61.14 -0.06 -0.60	58.22 -0.06 -0.88	50.10 0.00 -1.01	40.17 0.16 -1.19	36.24 0.04 -1.03	32.08 -0.22 -1.16
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.29 0.96 0.00	26.58 0.85 0.00	24.70 0.77 0.00	23.69 0.73 0.00	24.30 0.68 0.00	25.64 0.77 0.00	33.48 1.44 0.00	36.84 1.52 0.00	32.28 1.42 0.00	27.55 1.24 0.00	26.99 1.24 0.00	27.35 1.18 0.00	29.02 1.27 -0.12	33.49 1.07 -0.15	36.21 1.07 -0.48	37.69 1.12 -0.33	46.40 1.43 -0.37	60.51 1.65 0.00	62.42 1.82 0.00	58.82 1.43 0.00	50.46 1.37 0.00	39.99 1.16 0.00	36.20 1.02 0.00	31.95 0.81 0.00
HARSNRAD_115KV_TB1 81005	26.59 -0.74 0.00	25.44 -0.28 0.00	23.79 -0.14 0.00	22.65 -0.30 0.00	23.34 -0.28 0.00	24.32 -0.55 0.00	31.37 -1.03 -0.35	33.84 -1.48 0.00	29.99 -0.86 0.00	25.69 -0.63 0.00	25.21 -0.54 0.00	25.83 -0.34 0.00	27.44 -0.19 0.00	31.60 -0.68 0.00	33.93 -0.73 0.00	35.69 -0.80 -0.25	43.39 -1.25 -0.03	58.34 -2.06 -1.55	60.71 -2.42 -2.53	57.94 -1.89 -2.44	48.70 -1.87 -1.48	39.02 -0.93 -1.12	35.89 -0.21 -0.92	32.33 0.47 -0.72
HARZA MOOSE___RIVER 24016	27.58 0.25 0.00	25.92 0.18 -0.01	24.08 0.14 0.00	23.07 0.11 0.00	23.88 0.26 0.00	26.04 0.32 -0.85	41.67 0.67 -8.95	49.15 0.92 -12.91	45.64 0.74 -14.04	36.90 0.45 -10.14	35.75 0.39 -9.61	41.92 0.50 -15.26	37.50 0.50 -9.37	32.86 0.58 0.00	37.71 0.59 -2.46	39.21 0.80 -2.18	46.73 0.94 -1.19	66.62 1.53 -6.23	69.14 1.94 -6.60	68.20 2.01 -8.80	59.95 1.67 -9.20	50.62 1.44 -10.36	45.27 1.16 -8.93	41.68 0.69 -9.85
HDSNBRDG_115KV_BRDG_TB1 355580	27.11 -0.22 0.00	25.52 -0.21 0.00	23.77 -0.17 0.00	22.75 -0.21 0.00	23.43 -0.19 0.00	24.79 -0.20 -0.12	33.84 -0.06 -1.86	37.14 -0.07 -1.89	32.85 -0.06 -2.05	27.72 -0.08 -1.48	27.08 -0.08 -1.40	28.37 -0.03 -2.23	29.00 0.00 -1.37	32.08 -0.19 0.00	34.74 -0.28 -0.36	36.76 -0.22 -0.74	44.57 -0.27 -0.23	62.12 -0.29 -3.56	65.48 -0.42 -5.31	62.51 -0.34 -5.47	52.58 -0.39 -3.89	42.00 -0.27 -3.44	37.85 -0.21 -2.88	33.66 -0.16 -2.67
HELLGATE_13_KV_LD 55870	28.62 1.28 0.00	26.83 1.11 0.00	24.94 1.01 0.00	23.89 0.94 0.00	24.52 0.90 0.00	25.84 0.97 0.00	33.80 1.76 0.00	37.30 1.98 0.00	32.80 1.94 0.00	28.05 1.74 0.00	27.48 1.73 0.00	27.87 1.70 0.00	29.59 1.82 -0.14	34.16 1.71 -0.17	36.94 1.73 -0.55	38.47 1.85 -0.38	47.17 2.14 -0.42	61.39 2.53 0.00	63.33 2.73 0.00	59.51 2.12 0.00	51.05 1.96 0.00	40.50 1.67 0.00	36.72 1.55 0.00	32.36 1.21 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	28.62 1.28 0.00	26.83 1.11 0.00	24.94 1.01 0.00	23.89 0.94 0.00	24.52 0.90 0.00	25.84 0.97 0.00	33.80 1.76 0.00	37.30 1.98 0.00	32.80 1.94 0.00	28.05 1.74 0.00	27.48 1.73 0.00	27.87 1.70 0.00	29.59 1.82 -0.14	34.16 1.71 -0.17	36.94 1.73 -0.55	38.47 1.85 -0.38	47.17 2.14 -0.42	61.39 2.53 0.00	63.33 2.73 0.00	59.51 2.12 0.00	51.05 1.96 0.00	40.50 1.67 0.00	36.72 1.55 0.00	32.36 1.21 0.00
HEMPSTEAD___ 23647	28.15 0.82 0.00	26.32 0.59 0.00	24.46 0.53 0.00	23.48 0.53 0.00	24.07 0.45 0.00	25.51 0.65 0.00	33.23 1.19 0.00	36.63 1.31 0.00	32.40 1.54 0.00	27.74 1.42 0.00	27.32 1.57 0.00	27.69 1.52 0.00	29.37 1.60 -0.14	33.74 1.29 -0.17	36.03 0.83 -0.54	37.37 0.76 -0.37	46.00 0.98 -0.42	59.68 0.82 0.01	61.62 1.03 0.01	57.96 0.57 0.01	49.77 0.69 0.01	39.56 0.74 0.01	35.77 0.60 0.00	31.80 0.66 0.00
HICKLING___1 23621	27.25 -0.08 0.00	25.75 0.03 0.00	24.01 0.07 0.00	22.91 -0.05 0.00	23.64 0.02 0.00	24.77 -0.10 0.00	32.66 0.16 -0.46	35.25 -0.07 0.00	30.80 -0.06 0.00	26.26 -0.05 0.00	25.67 -0.08 0.00	26.27 0.10 0.00	27.83 0.19 0.00	32.18 -0.10 0.00	34.55 -0.10 0.00	36.55 -0.04 -0.34	44.83 0.18 -0.05	61.18 0.18 -2.15	64.24 0.12 -3.52	61.18 0.40 -3.39	51.25 0.10 -2.06	40.59 0.19 -1.56	36.95 0.49 -1.28	32.86 0.72 -1.00
HICKLING___2 23622	27.25 -0.08 0.00	25.75 0.03 0.00	24.01 0.07 0.00	22.91 -0.05 0.00	23.64 0.02 0.00	24.77 -0.10 0.00	32.66 0.16 -0.46	35.25 -0.07 0.00	30.80 -0.06 0.00	26.26 -0.05 0.00	25.67 -0.08 0.00	26.27 0.10 0.00	27.83 0.19 0.00	32.18 -0.10 0.00	34.55 -0.10 0.00	36.55 -0.04 -0.34	44.83 0.18 -0.05	61.18 0.18 -2.15	64.24 0.12 -3.52	61.18 0.40 -3.39	51.25 0.10 -2.06	40.59 0.19 -1.56	36.95 0.49 -1.28	32.86 0.72 -1.00
HIGH FALLS___HY 23754	28.40 1.07 0.00	26.68 0.95 0.00	24.77 0.84 0.00	23.76 0.80 0.00	24.37 0.76 0.00	25.74 0.87 0.00	33.67 1.63 0.00	37.02 1.70 0.00	32.43 1.57 0.00	27.66 1.34 0.00	27.06 1.31 0.00	27.40 1.23 0.00	29.03 1.33 -0.07	33.50 1.13 -0.09	36.13 1.18 -0.30	37.71 1.27 -0.20	46.39 1.56 -0.23	60.74 1.88 0.00	62.72 2.12 0.00	59.17 1.78 0.00	50.75 1.67 0.00	40.27 1.44 0.00	36.37 1.20 0.00	32.04 0.90 0.00
HIGH_RIVER___SOLAR 323847	28.23 0.90 0.00	26.55 0.82 0.00	24.75 0.81 0.00	23.73 0.78 0.00	24.40 0.78 0.00	25.74 0.87 0.00	33.38 1.35 0.00	36.63 1.31 0.00	31.51 0.65 0.00	26.63 0.32 0.00	25.80 0.05 0.00	26.09 -0.08 0.00	27.46 -0.08 0.09	31.94 -0.22 0.12	34.17 -0.10 0.38	36.23 0.26 0.26	44.93 0.62 0.29	60.04 1.18 0.00	62.36 1.76 0.00	59.05 1.67 0.00	50.66 1.57 0.00	39.99 1.16 0.00	36.16 0.98 0.00	32.05 0.90 0.00
HILLBURN___GT 23639	28.31 0.98 0.00	26.57 0.85 0.00	24.70 0.77 0.00	23.69 0.73 0.00	24.30 0.69 0.00	25.66 0.80 0.00	33.51 1.47 0.00	36.88 1.55 0.00	32.34 1.48 0.00	27.63 1.32 0.00	27.09 1.34 0.00	27.45 1.28 0.00	29.14 1.38 -0.12	33.59 1.16 -0.15	36.29 1.14 -0.50	37.70 1.12 -0.34	46.45 1.47 -0.38	60.45 1.59 0.00	62.29 1.69 0.00	58.65 1.26 0.00	50.41 1.33 0.00	39.96 1.13 0.00	36.20 1.02 0.00	31.98 0.84 0.00
HILLSIDE_115KV_TB1 80332	27.06 -0.27 0.00	25.60 -0.13 0.00	23.84 -0.10 0.00	22.77 -0.18 0.00	23.48 -0.14 0.00	24.62 -0.25 0.00	32.41 -0.10 -0.46	34.93 -0.39 0.00	30.52 -0.34 0.00	26.03 -0.29 0.00	25.47 -0.28 0.00	26.04 -0.13 0.00	27.55 -0.08 0.00	31.83 -0.45 0.00	34.21 -0.45 0.00	36.11 -0.47 -0.34	44.25 -0.40 -0.05	60.42 -0.59 -2.15	63.39 -0.73 -3.52	60.32 -0.46 -3.39	50.56 -0.59 -2.06	40.08 -0.31 -1.56	36.49 0.04 -1.28	32.45 0.31 -1.00

HISHELDN_WT_PWR 323625	26.40 -0.93 0.00	25.11 -0.62 0.00	23.43 -0.50 0.00	22.33 -0.62 0.00	23.03 -0.59 0.00	24.02 -0.85 0.00	31.30 -1.12 -0.38	33.70 -1.62 0.00	29.72 -1.14 0.00	25.45 -0.87 0.00	24.93 -0.83 0.00	25.54 -0.63 0.00	27.22 -0.41 0.00	31.44 -0.84 0.00	33.79 -0.87 0.00	35.50 -1.01 -0.28	43.57 -1.07 -0.04	59.23 -1.35 -1.73	61.80 -1.63 -2.83	59.31 -0.80 -2.73	49.56 -1.18 -1.66	39.50 -0.58 -1.26	36.28 0.07 -1.03	32.26 0.31 -0.80
HOLTSVILLE_IC_1 23690	28.01 0.68 0.00	26.09 0.36 0.00	24.24 0.31 0.00	23.32 0.37 0.00	23.88 0.26 0.00	25.36 0.50 0.00	33.13 1.09 0.00	36.59 1.27 0.00	32.43 1.57 0.00	27.74 1.42 0.00	27.37 1.62 0.00	27.71 1.54 0.00	29.37 1.60 -0.14	33.74 1.29 -0.17	35.86 0.66 -0.54	37.01 0.40 -0.37	45.56 0.54 -0.42	59.21 0.36 0.01	61.32 0.73 0.01	57.67 0.29 0.01	49.37 0.30 0.01	39.33 0.50 0.01	35.56 0.39 0.00	31.61 0.47 0.00
HOLTSVILLE_IC_10 23699	28.12 0.79 0.00	26.19 0.46 0.00	24.34 0.41 0.00	23.41 0.46 0.00	23.97 0.35 0.00	25.46 0.60 0.00	33.26 1.22 0.00	36.77 1.45 0.00	32.55 1.70 0.00	27.87 1.55 0.00	27.50 1.75 0.00	27.84 1.68 0.00	29.51 1.74 -0.14	33.87 1.42 -0.17	36.03 0.83 -0.54	37.19 0.58 -0.37	45.82 0.80 -0.42	59.62 0.76 0.01	61.68 1.09 0.01	58.01 0.63 0.01	49.67 0.59 0.01	39.56 0.74 0.01	35.74 0.56 0.00	31.76 0.62 0.00
HOLTSVILLE_IC_2 23691	28.01 0.68 0.00	26.09 0.36 0.00	24.24 0.31 0.00	23.32 0.37 0.00	23.88 0.26 0.00	25.36 0.50 0.00	33.13 1.09 0.00	36.59 1.27 0.00	32.43 1.57 0.00	27.74 1.42 0.00	27.37 1.62 0.00	27.71 1.54 0.00	29.37 1.60 -0.14	33.74 1.29 -0.17	35.86 0.66 -0.54	37.01 0.40 -0.37	45.56 0.54 -0.42	59.21 0.36 0.01	61.32 0.73 0.01	57.67 0.29 0.01	49.37 0.30 0.01	39.33 0.50 0.01	35.56 0.39 0.00	31.61 0.47 0.00
HOLTSVILLE_IC_3 23692	28.01 0.68 0.00	26.09 0.36 0.00	24.24 0.31 0.00	23.32 0.37 0.00	23.88 0.26 0.00	25.36 0.50 0.00	33.13 1.09 0.00	36.59 1.27 0.00	32.43 1.57 0.00	27.74 1.42 0.00	27.37 1.62 0.00	27.71 1.54 0.00	29.37 1.60 -0.14	33.74 1.29 -0.17	35.86 0.66 -0.54	37.01 0.40 -0.37	45.56 0.54 -0.42	59.21 0.36 0.01	61.32 0.73 0.01	57.67 0.29 0.01	49.37 0.30 0.01	39.33 0.50 0.01	35.56 0.39 0.00	31.61 0.47 0.00
HOLTSVILLE_IC_4 23693	28.01 0.68 0.00	26.09 0.36 0.00	24.24 0.31 0.00	23.32 0.37 0.00	23.88 0.26 0.00	25.36 0.50 0.00	33.13 1.09 0.00	36.59 1.27 0.00	32.43 1.57 0.00	27.74 1.42 0.00	27.37 1.62 0.00	27.71 1.54 0.00	29.37 1.60 -0.14	33.74 1.29 -0.17	35.86 0.66 -0.54	37.01 0.40 -0.37	45.56 0.54 -0.42	59.21 0.36 0.01	61.32 0.73 0.01	57.67 0.29 0.01	49.37 0.30 0.01	39.33 0.50 0.01	35.56 0.39 0.00	31.61 0.47 0.00
HOLTSVILLE_IC_5 23694	28.01 0.68 0.00	26.09 0.36 0.00	24.24 0.31 0.00	23.32 0.37 0.00	23.88 0.26 0.00	25.36 0.50 0.00	33.13 1.09 0.00	36.59 1.27 0.00	32.43 1.57 0.00	27.74 1.42 0.00	27.37 1.62 0.00	27.71 1.54 0.00	29.37 1.60 -0.14	33.74 1.29 -0.17	35.86 0.66 -0.54	37.01 0.40 -0.37	45.56 0.54 -0.42	59.21 0.36 0.01	61.32 0.73 0.01	57.67 0.29 0.01	49.37 0.30 0.01	39.33 0.50 0.01	35.56 0.39 0.00	31.61 0.47 0.00
HOLTSVILLE_IC_6 23695	28.12 0.79 0.00	26.19 0.46 0.00	24.34 0.41 0.00	23.41 0.46 0.00	23.97 0.35 0.00	25.46 0.60 0.00	33.26 1.22 0.00	36.77 1.45 0.00	32.55 1.70 0.00	27.87 1.55 0.00	27.50 1.75 0.00	27.84 1.68 0.00	29.51 1.74 -0.14	33.87 1.42 -0.17	36.03 0.83 -0.54	37.19 0.58 -0.37	45.82 0.80 -0.42	59.62 0.76 0.01	61.68 1.09 0.01	58.01 0.63 0.01	49.67 0.59 0.01	39.56 0.74 0.01	35.74 0.56 0.00	31.76 0.62 0.00
HOLTSVILLE_IC_7 23696	28.12 0.79 0.00	26.19 0.46 0.00	24.34 0.41 0.00	23.41 0.46 0.00	23.97 0.35 0.00	25.46 0.60 0.00	33.26 1.22 0.00	36.77 1.45 0.00	32.55 1.70 0.00	27.87 1.55 0.00	27.50 1.75 0.00	27.84 1.68 0.00	29.51 1.74 -0.14	33.87 1.42 -0.17	36.03 0.83 -0.54	37.19 0.58 -0.37	45.82 0.80 -0.42	59.62 0.76 0.01	61.68 1.09 0.01	58.01 0.63 0.01	49.67 0.59 0.01	39.56 0.74 0.01	35.74 0.56 0.00	31.76 0.62 0.00
HOLTSVILLE_IC_8 23697	28.12 0.79 0.00	26.19 0.46 0.00	24.34 0.41 0.00	23.41 0.46 0.00	23.97 0.35 0.00	25.46 0.60 0.00	33.26 1.22 0.00	36.77 1.45 0.00	32.55 1.70 0.00	27.87 1.55 0.00	27.50 1.75 0.00	27.84 1.68 0.00	29.51 1.74 -0.14	33.87 1.42 -0.17	36.03 0.83 -0.54	37.19 0.58 -0.37	45.82 0.80 -0.42	59.62 0.76 0.01	61.68 1.09 0.01	58.01 0.63 0.01	49.67 0.59 0.01	39.56 0.74 0.01	35.74 0.56 0.00	31.76 0.62 0.00
HOLTSVILLE_IC_9 23698	28.12 0.79 0.00	26.19 0.46 0.00	24.34 0.41 0.00	23.41 0.46 0.00	23.97 0.35 0.00	25.46 0.60 0.00	33.26 1.22 0.00	36.77 1.45 0.00	32.55 1.70 0.00	27.87 1.55 0.00	27.50 1.75 0.00	27.84 1.68 0.00	29.51 1.74 -0.14	33.87 1.42 -0.17	36.03 0.83 -0.54	37.19 0.58 -0.37	45.82 0.80 -0.42	59.62 0.76 0.01	61.68 1.09 0.01	58.01 0.63 0.01	49.67 0.59 0.01	39.56 0.74 0.01	35.74 0.56 0.00	31.76 0.62 0.00
HOMER_HL_115KV_TB2 355744	26.40 -0.93 0.00	25.13 -0.59 0.00	23.50 -0.43 0.00	22.38 -0.57 0.00	23.05 -0.57 0.00	24.02 -0.85 0.00	31.52 -0.90 -0.38	33.52 -1.80 0.00	29.90 -0.96 0.00	25.63 -0.68 0.00	25.11 -0.64 0.00	25.78 -0.39 0.00	27.30 -0.33 0.00	31.37 -0.90 0.00	33.69 -0.97 0.00	35.64 -0.87 -0.27	43.84 -0.80 -0.04	59.33 -1.24 -1.70	61.94 -1.45 -2.79	58.93 -1.15 -2.69	49.54 -1.18 -1.64	39.37 -0.70 -1.24	36.16 -0.04 -1.02	32.56 0.62 -0.79
HOWARD_WT_PWR 323690	26.48 -0.85 0.00	25.03 -0.69 0.00	23.26 -0.67 0.00	22.24 -0.71 0.00	22.93 -0.69 0.00	24.05 -0.82 0.00	31.75 -0.74 -0.45	34.37 -0.95 0.00	29.84 -1.02 0.00	25.45 -0.87 0.00	24.85 -0.90 0.00	25.46 -0.71 0.00	27.08 -0.55 0.00	31.41 -0.87 0.00	33.82 -0.83 0.00	35.77 -0.80 -0.33	44.16 -0.49 -0.05	60.68 -0.23 -2.05	63.85 -0.12 -3.37	61.21 0.57 -3.24	50.96 -0.10 -1.97	40.32 0.00 -1.49	36.82 0.42 -1.22	32.54 0.44 -0.96
HQ_GEN_CEDARS 23644	27.60 0.27 0.00	26.09 0.26 -0.11	24.15 0.22 0.00	23.20 0.25 0.00	23.88 0.26 0.00	31.39 0.27 -6.25	96.14 -0.06 -64.17	129.39 -0.04 -94.11	133.18 0.00 -102.32	100.28 0.05 -73.91	95.91 0.08 -70.08	137.45 0.08 -111.20	95.98 0.06 -68.29	32.70 0.42 0.00	53.26 0.66 -17.95	51.52 0.65 -14.63	53.83 0.71 -8.51	97.72 1.12 -37.74	97.31 1.21 -35.50	110.71 1.26 -52.06	109.66 0.88 -59.69	109.41 0.66 -69.92	96.33 0.60 -60.56	99.93 0.53 -68.26
HQ_GEN_CEDARS_PROXY 323590	27.60 0.27 0.00	26.09 0.26 -0.11	24.15 0.21 0.00	23.21 0.25 0.00	23.88 0.26 0.00	33.61 0.27 -8.47	96.14 -0.06 -64.17	127.17 -0.04 -91.89	133.18 0.00 -102.32	100.28 0.05 -73.91	95.91 0.08 -70.08	137.45 0.08 -111.20	95.98 0.06 -68.29	32.70 0.42 0.00	53.26 0.66 -17.95	51.53 0.65 -14.63	53.82 0.71 -8.51	97.71 1.12 -37.74	97.31 1.21 -35.50	110.71 1.26 -52.06	110.03 0.88 -60.06	109.04 0.66 -69.55	96.33 0.60 -60.56	99.93 0.53 -68.26

HQ_GEN_IMPORT 323601	27.36 0.03 0.00	25.75 0.03 0.00	23.93 0.00 0.00	22.98 0.02 0.00	23.67 0.05 0.00	26.88 0.02 -1.99	29.36 -0.26 2.42	29.34 -0.25 5.74	26.82 -0.21 3.83	23.40 -0.16 2.77	23.00 -0.13 2.62	21.88 -0.13 4.16	24.94 -0.14 2.56	32.41 0.13 0.00	34.19 0.21 0.67	35.91 0.22 0.55	44.55 0.27 0.32	57.86 0.41 1.41	59.70 0.43 1.33	55.90 0.46 1.95	47.53 0.30 1.86	36.03 0.20 2.99	33.09 0.18 2.27	28.71 0.13 2.55
HQ_GEN_WHEEL 23651	27.36 0.03 0.00	25.75 0.03 0.00	23.93 0.00 0.00	22.98 0.02 0.00	23.67 0.05 0.00	26.88 0.02 -1.99	29.36 -0.26 2.42	29.34 -0.25 5.74	26.82 -0.21 3.83	23.40 -0.16 2.77	23.00 -0.13 2.62	21.88 -0.13 4.16	24.94 -0.14 2.56	32.41 0.13 0.00	34.19 0.21 0.67	35.91 0.22 0.55	44.55 0.27 0.32	57.86 0.41 1.41	59.70 0.43 1.33	55.90 0.46 1.95	47.53 0.30 1.86	36.03 0.20 2.99	33.09 0.18 2.27	28.71 0.13 2.55
HUDSON AVE_GT_3 23810	28.51 1.18 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.80 0.85 0.00	24.42 0.80 0.00	25.81 0.94 0.00	33.77 1.73 0.00	37.27 1.94 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.42 1.67 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.80 1.59 -0.55	38.25 1.63 -0.38	47.03 2.01 -0.42	61.04 2.18 0.00	62.90 2.30 0.00	59.17 1.78 0.00	50.80 1.72 0.00	40.34 1.51 0.00	36.55 1.37 0.00	32.20 1.06 0.00
HUDSON AVE_GT_4 23540	28.51 1.18 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.80 0.85 0.00	24.42 0.80 0.00	25.81 0.94 0.00	33.77 1.73 0.00	37.27 1.94 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.42 1.67 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.80 1.59 -0.55	38.25 1.63 -0.38	47.03 2.01 -0.42	61.04 2.18 0.00	62.90 2.30 0.00	59.17 1.78 0.00	50.80 1.72 0.00	40.34 1.51 0.00	36.55 1.37 0.00	32.20 1.06 0.00
HUDSON AVE_GT_5 23657	28.51 1.18 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.80 0.85 0.00	24.42 0.80 0.00	25.81 0.94 0.00	33.77 1.73 0.00	37.27 1.94 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.42 1.67 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.80 1.59 -0.55	38.25 1.63 -0.38	47.03 2.01 -0.42	61.04 2.18 0.00	62.90 2.30 0.00	59.17 1.78 0.00	50.80 1.72 0.00	40.34 1.51 0.00	36.55 1.37 0.00	32.20 1.06 0.00
HUDSON_AVE_10 24168	28.45 1.12 0.00	26.65 0.93 0.00	24.77 0.84 0.00	23.76 0.80 0.00	24.37 0.76 0.00	25.76 0.90 0.00	33.74 1.70 0.00	37.20 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.37 1.62 0.00	27.74 1.57 0.00	29.46 1.69 -0.14	34.00 1.55 -0.17	36.70 1.49 -0.55	38.18 1.56 -0.38	46.94 1.92 -0.42	60.86 2.00 0.00	62.78 2.18 0.00	59.05 1.66 0.00	50.71 1.62 0.00	40.23 1.40 0.00	36.48 1.30 0.00	32.17 1.03 0.00
HUDSON___115KV_TB 4 355613	27.90 0.57 0.00	26.27 0.54 0.00	24.48 0.55 0.00	23.50 0.55 0.00	24.11 0.50 0.00	25.44 0.57 0.00	32.94 0.90 0.00	36.17 0.85 0.00	31.63 0.77 0.00	26.82 0.50 0.00	26.06 0.31 0.00	26.33 0.16 0.00	28.09 0.50 0.04	32.65 0.42 0.05	35.03 0.52 0.15	36.86 0.72 0.10	45.60 1.12 0.11	60.10 1.24 0.00	62.42 1.82 0.00	59.11 1.72 0.00	50.66 1.57 0.00	39.99 1.16 0.00	36.02 0.84 0.00	31.95 0.81 0.00
HUNTER MOUNT___DRP 323613	27.96 0.63 0.00	26.34 0.62 0.00	24.53 0.60 0.00	23.57 0.62 0.00	24.19 0.57 0.00	25.49 0.62 0.00	33.00 0.96 0.00	36.24 0.92 0.00	31.54 0.68 0.00	26.71 0.39 0.00	25.96 0.21 0.00	26.22 0.05 0.00	28.10 0.47 0.00	32.63 0.36 0.00	35.14 0.49 0.00	36.93 0.69 0.00	45.67 1.07 0.00	59.92 1.06 0.00	62.24 1.64 0.00	58.94 1.55 0.00	50.51 1.42 0.00	39.88 1.05 0.00	35.91 0.74 0.00	31.89 0.75 0.00
HUNTINGTON_RES_REC 323705	27.99 0.65 0.00	26.09 0.36 0.00	24.24 0.31 0.00	23.30 0.34 0.00	23.85 0.24 0.00	25.34 0.47 0.00	33.09 1.06 0.00	36.56 1.24 0.00	32.37 1.51 0.00	27.71 1.39 0.00	27.32 1.57 0.00	27.69 1.52 0.00	29.34 1.57 -0.14	33.70 1.26 -0.17	35.79 0.59 -0.54	36.97 0.36 -0.37	45.47 0.45 -0.42	59.15 0.30 0.01	61.14 0.54 0.01	57.50 0.12 0.01	49.27 0.20 0.01	39.17 0.35 0.01	35.56 0.39 0.00	31.64 0.50 0.00
HUNTLEY___63 23557	26.57 -0.77 0.00	25.42 -0.31 0.00	23.79 -0.14 0.00	22.63 -0.32 0.00	23.34 -0.28 0.00	24.32 -0.55 0.00	31.50 -0.90 -0.36	34.02 -1.31 0.00	30.21 -0.65 0.00	25.90 -0.42 0.00	25.39 -0.36 0.00	26.04 -0.13 0.00	27.69 0.06 0.00	31.86 -0.42 0.00	34.21 -0.45 0.00	36.02 -0.47 -0.25	43.79 -0.85 -0.03	58.89 -1.53 -1.56	61.22 -1.94 -2.56	58.47 -1.38 -2.46	49.11 -1.47 -1.50	39.30 -0.66 -1.13	36.11 0.00 -0.93	32.62 0.75 -0.73
HUNTLEY___64 23558	26.57 -0.77 0.00	25.42 -0.31 0.00	23.79 -0.14 0.00	22.63 -0.32 0.00	23.34 -0.28 0.00	24.32 -0.55 0.00	31.50 -0.90 -0.36	34.02 -1.31 0.00	30.21 -0.65 0.00	25.90 -0.42 0.00	25.39 -0.36 0.00	26.04 -0.13 0.00	27.69 0.06 0.00	31.86 -0.42 0.00	34.21 -0.45 0.00	36.02 -0.47 -0.25	43.79 -0.85 -0.03	58.89 -1.53 -1.56	61.22 -1.94 -2.56	58.47 -1.38 -2.46	49.11 -1.47 -1.50	39.30 -0.66 -1.13	36.11 0.00 -0.93	32.62 0.75 -0.73
HUNTLEY___65 23559	26.57 -0.77 0.00	25.42 -0.31 0.00	23.79 -0.14 0.00	22.63 -0.32 0.00	23.34 -0.28 0.00	24.32 -0.55 0.00	31.50 -0.90 -0.36	34.02 -1.31 0.00	30.21 -0.65 0.00	25.90 -0.42 0.00	25.39 -0.36 0.00	26.04 -0.13 0.00	27.69 0.06 0.00	31.86 -0.42 0.00	34.21 -0.45 0.00	36.02 -0.47 -0.25	43.79 -0.85 -0.03	58.89 -1.53 -1.56	61.22 -1.94 -2.56	58.47 -1.38 -2.46	49.11 -1.47 -1.50	39.30 -0.66 -1.13	36.11 0.00 -0.93	32.62 0.75 -0.73
HUNTLEY___66 23560	26.57 -0.77 0.00	25.42 -0.31 0.00	23.79 -0.14 0.00	22.63 -0.32 0.00	23.34 -0.28 0.00	24.32 -0.55 0.00	31.50 -0.90 -0.36	34.02 -1.31 0.00	30.21 -0.65 0.00	25.90 -0.42 0.00	25.39 -0.36 0.00	26.04 -0.13 0.00	27.69 0.06 0.00	31.86 -0.42 0.00	34.21 -0.45 0.00	36.02 -0.47 -0.25	43.79 -0.85 -0.03	58.89 -1.53 -1.56	61.22 -1.94 -2.56	58.47 -1.38 -2.46	49.11 -1.47 -1.50	39.30 -0.66 -1.13	36.11 0.00 -0.93	32.62 0.75 -0.73
HUNTLEY___67 23561	26.48 -0.85 0.00	25.34 -0.39 0.00	23.70 -0.24 0.00	22.56 -0.39 0.00	23.24 -0.38 0.00	24.22 -0.65 0.00	31.44 -0.96 -0.36	33.88 -1.45 0.00	30.06 -0.80 0.00	25.74 -0.58 0.00	25.24 -0.52 0.00	25.88 -0.29 0.00	27.50 -0.14 0.00	31.63 -0.65 0.00	34.00 -0.66 0.00	35.76 -0.72 -0.25	43.52 -1.12 -0.03	58.54 -1.88 -1.56	60.91 -2.24 -2.56	58.19 -1.66 -2.46	48.87 -1.72 -1.50	39.11 -0.85 -1.13	35.93 -0.18 -0.93	32.37 0.50 -0.73
HUNTLEY___68 23562	26.48 -0.85 0.00	25.34 -0.39 0.00	23.70 -0.24 0.00	22.56 -0.39 0.00	23.24 -0.38 0.00	24.22 -0.65 0.00	31.44 -0.96 -0.36	33.88 -1.45 0.00	30.06 -0.80 0.00	25.74 -0.58 0.00	25.24 -0.52 0.00	25.88 -0.29 0.00	27.50 -0.14 0.00	31.63 -0.65 0.00	34.00 -0.66 0.00	35.76 -0.72 -0.25	43.52 -1.12 -0.03	58.54 -1.88 -1.56	60.91 -2.24 -2.56	58.19 -1.66 -2.46	48.87 -1.72 -1.50	39.11 -0.85 -1.13	35.93 -0.18 -0.93	32.37 0.50 -0.73



HYLAND___LFGE 323620	27.91 0.57 0.00	26.42 0.69 0.00	24.68 0.74 0.00	23.46 0.50 0.00	24.33 0.71 0.00	25.49 0.62 0.00	33.56 1.12 -0.40	36.56 1.24 0.00	31.75 0.90 0.00	26.79 0.47 0.00	25.96 0.21 0.00	26.43 0.26 0.00	27.88 0.25 0.00	32.47 0.19 0.00	34.97 0.31 0.00	37.25 0.72 -0.28	46.11 1.47 -0.04	63.46 2.83 -1.78	66.90 3.39 -2.91	64.10 3.90 -2.80	53.59 2.80 -1.70	42.22 2.10 -1.29	38.49 2.25 -1.06	33.96 1.99 -0.83
INDECK___CORINTH 23802	28.78 1.45 0.00	27.04 1.31 0.00	25.25 1.32 0.00	24.26 1.31 0.00	24.92 1.30 0.00	26.21 1.34 0.00	33.96 1.92 0.00	37.48 2.16 0.00	32.31 1.45 0.00	27.45 1.13 0.00	26.63 0.88 0.00	26.95 0.78 0.00	28.31 0.80 0.13	32.95 0.84 0.16	35.03 0.90 0.53	35.98 0.11 0.36	44.42 0.22 0.41	59.27 0.41 0.00	61.69 1.09 0.00	58.36 0.97 0.00	50.07 0.98 0.00	39.61 0.78 0.00	35.74 0.56 0.00	32.67 1.53 0.00
INDECK___ILION 23567	27.28 -0.05 0.00	25.65 -0.08 0.00	23.86 -0.07 0.00	22.88 -0.07 0.00	23.57 -0.05 0.00	25.05 0.07 -0.10	33.34 0.22 -1.07	37.17 0.25 -1.60	32.81 0.22 -1.74	27.73 0.16 -1.26	27.10 0.15 -1.19	28.19 0.13 -1.89	28.93 0.14 -1.16	32.37 0.10 0.00	35.03 0.07 -0.30	36.56 0.07 -0.25	44.88 0.13 -0.14	59.68 0.18 -0.64	61.44 0.24 -0.60	58.45 0.17 -0.88	50.30 0.20 -1.01	40.17 0.16 -1.19	36.34 0.14 -1.03	32.36 0.06 -1.16
INDECK___OLEAN 23982	26.51 -0.82 0.00	25.14 -0.59 0.00	23.50 -0.43 0.00	22.38 -0.57 0.00	23.08 -0.54 0.00	24.02 -0.85 0.00	31.52 -0.90 -0.38	33.52 -1.80 0.00	29.84 -1.02 0.00	25.63 -0.68 0.00	25.11 -0.64 0.00	25.78 -0.39 0.00	27.27 -0.36 0.00	31.37 -0.90 0.00	33.69 -0.97 0.00	35.53 -0.98 -0.27	43.84 -0.80 -0.04	59.51 -1.06 -1.70	61.94 -1.45 -2.79	59.16 -0.92 -2.69	49.54 -1.18 -1.64	39.37 -0.70 -1.24	36.30 0.11 -1.02	32.34 0.40 -0.79
INDECK___OSWEGO 23783	26.78 -0.55 0.00	25.22 -0.51 0.00	23.48 -0.46 0.00	22.47 -0.48 0.00	23.17 -0.45 0.00	24.56 -0.50 -0.19	35.25 -0.45 -3.66	37.49 -0.49 -2.66	33.32 -0.43 -2.89	27.99 -0.42 -2.09	27.32 -0.41 -1.98	28.92 -0.39 -3.15	29.18 -0.39 -1.93	31.70 -0.58 0.00	34.50 -0.66 -0.51	37.29 -0.65 -1.70	43.86 -1.16 -0.42	66.51 -1.47 -9.12	73.23 -1.58 -14.20	70.20 -1.38 -14.19	57.23 -1.28 -9.42	45.73 -0.93 -7.83	40.88 -0.81 -6.51	36.29 -0.53 -5.68
INDECK___YERKES 23781	26.67 -0.66 0.00	25.44 -0.28 0.00	23.79 -0.14 0.00	22.65 -0.30 0.00	23.36 -0.26 0.00	24.34 -0.52 0.00	31.53 -0.86 -0.36	34.05 -1.27 0.00	30.21 -0.65 0.00	25.92 -0.39 0.00	25.41 -0.34 0.00	26.06 -0.10 0.00	27.72 0.08 0.00	31.89 -0.39 0.00	34.24 -0.41 0.00	35.87 -0.62 -0.25	43.84 -0.80 -0.03	59.18 -1.24 -1.56	61.34 -1.82 -2.56	58.82 -1.03 -2.46	49.16 -1.43 -1.50	39.34 -0.62 -1.13	36.25 0.14 -0.93	32.43 0.56 -0.73
INDIAN POINT_GT_1 24139	28.31 0.98 0.00	26.58 0.85 0.00	24.70 0.77 0.00	23.69 0.73 0.00	24.30 0.68 0.00	25.66 0.80 0.00	33.48 1.44 0.00	36.88 1.55 0.00	32.34 1.48 0.00	27.63 1.32 0.00	27.06 1.31 0.00	27.45 1.28 0.00	29.12 1.35 -0.13	33.61 1.16 -0.17	36.30 1.11 -0.54	37.73 1.12 -0.37	46.45 1.43 -0.42	60.33 1.47 0.00	62.24 1.64 0.00	58.65 1.26 0.00	50.36 1.28 0.00	39.92 1.09 0.00	36.20 1.02 0.00	31.89 0.75 0.00
INDIAN POINT_GT_2 23659	28.31 0.98 0.00	26.58 0.85 0.00	24.70 0.77 0.00	23.69 0.73 0.00	24.30 0.68 0.00	25.66 0.80 0.00	33.48 1.44 0.00	36.88 1.55 0.00	32.34 1.48 0.00	27.63 1.32 0.00	27.06 1.31 0.00	27.45 1.28 0.00	29.12 1.35 -0.13	33.61 1.16 -0.17	36.30 1.11 -0.54	37.73 1.12 -0.37	46.45 1.43 -0.42	60.33 1.47 0.00	62.24 1.64 0.00	58.65 1.26 0.00	50.36 1.28 0.00	39.92 1.09 0.00	36.20 1.02 0.00	31.89 0.75 0.00
INDIAN POINT_GT_3 24019	28.31 0.98 0.00	26.58 0.85 0.00	24.70 0.77 0.00	23.69 0.73 0.00	24.30 0.68 0.00	25.66 0.80 0.00	33.48 1.44 0.00	36.88 1.55 0.00	32.34 1.48 0.00	27.63 1.32 0.00	27.06 1.31 0.00	27.45 1.28 0.00	29.12 1.35 -0.13	33.61 1.16 -0.17	36.30 1.11 -0.54	37.73 1.12 -0.37	46.45 1.43 -0.42	60.33 1.47 0.00	62.24 1.64 0.00	58.65 1.26 0.00	50.36 1.28 0.00	39.92 1.09 0.00	36.20 1.02 0.00	31.89 0.75 0.00
INDIAN POINT___2 23530	28.29 0.96 0.00	26.55 0.82 0.00	24.68 0.74 0.00	23.64 0.69 0.00	24.28 0.66 0.00	25.64 0.77 0.00	33.45 1.41 0.00	36.84 1.52 0.00	32.31 1.45 0.00	27.61 1.29 0.00	27.04 1.29 0.00	27.42 1.26 0.00	29.09 1.33 -0.13	33.57 1.13 -0.16	36.25 1.08 -0.52	37.68 1.09 -0.36	46.34 1.34 -0.40	60.27 1.41 0.00	62.17 1.57 0.00	58.54 1.15 0.00	50.31 1.23 0.00	39.88 1.05 0.00	36.13 0.95 0.00	31.95 0.81 0.00
INDIAN POINT___3 23531	28.29 0.96 0.00	26.55 0.82 0.00	24.68 0.74 0.00	23.66 0.71 0.00	24.28 0.66 0.00	25.64 0.77 0.00	33.45 1.41 0.00	36.84 1.52 0.00	32.31 1.45 0.00	27.61 1.29 0.00	27.04 1.29 0.00	27.42 1.26 0.00	29.09 1.33 -0.13	33.57 1.13 -0.17	36.27 1.07 -0.54	37.70 1.09 -0.37	46.40 1.38 -0.42	60.33 1.47 0.00	62.17 1.58 0.00	58.59 1.21 0.00	50.31 1.23 0.00	39.88 1.05 0.00	36.16 0.98 0.00	31.89 0.75 0.00
INGHAM_C_115KV_TB7 356103	27.11 -0.22 0.00	25.50 -0.23 0.00	23.72 -0.22 0.00	22.75 -0.21 0.00	23.43 -0.19 0.00	24.57 -0.40 -0.10	32.76 -0.35 -1.07	37.44 2.12 0.00	32.00 1.14 0.00	27.42 -0.16 -1.26	26.86 -0.08 -1.19	28.03 -0.03 -1.89	28.79 0.00 -1.16	32.21 -0.06 0.00	34.79 -0.17 -0.30	36.38 -0.11 -0.25	44.61 -0.13 -0.14	59.15 -0.35 -0.64	60.96 -0.24 -0.60	58.10 -0.17 -0.88	49.95 -0.15 -1.01	40.09 0.08 -1.19	36.17 -0.04 -1.03	32.02 -0.28 -1.16
IP CORINTH___1 23988	28.81 1.48 0.00	27.04 1.31 0.00	25.25 1.32 0.00	24.26 1.31 0.00	24.92 1.30 0.00	26.21 1.34 0.00	33.96 1.92 0.00	37.48 2.15 0.00	32.28 1.42 0.00	27.45 1.13 0.00	26.63 0.88 0.00	26.95 0.79 0.00	28.30 0.80 0.13	32.96 0.84 0.16	35.03 0.90 0.53	36.13 0.25 0.36	44.69 0.49 0.41	59.62 0.77 0.00	62.05 1.45 0.00	58.71 1.32 0.00	50.36 1.28 0.00	39.80 0.97 0.00	35.95 0.77 0.00	32.67 1.53 0.00
IP___TICONDEROGA 23804	29.74 2.41 0.00	27.89 2.16 0.00	26.11 2.18 0.00	25.09 2.13 0.00	25.77 2.15 0.00	27.15 2.29 0.00	35.21 3.17 0.00	38.93 3.60 0.00	33.17 2.31 0.00	28.21 1.89 0.00	27.24 1.49 0.00	27.53 1.36 0.00	28.91 1.41 0.13	33.69 1.58 0.17	35.85 1.73 0.54	37.31 1.45 0.37	46.37 2.19 0.42	62.04 3.18 0.00	64.96 4.36 0.00	61.58 4.19 0.00	52.77 3.68 0.00	41.51 2.68 0.00	37.43 2.25 0.00	33.85 2.71 0.00
ISLIP_RES_REC 323679	28.20 0.87 0.00	26.27 0.54 0.00	24.39 0.45 0.00	23.48 0.53 0.00	24.04 0.43 0.00	25.54 0.67 0.00	33.35 1.31 0.00	36.91 1.59 0.00	32.71 1.85 0.00	27.98 1.66 0.00	27.63 1.88 0.00	27.95 1.78 0.00	29.65 1.88 -0.14	34.03 1.58 -0.17	36.17 0.97 -0.54	37.37 0.76 -0.37	46.09 1.07 -0.42	59.91 1.06 0.01	62.04 1.45 0.01	58.36 0.97 0.01	49.96 0.88 0.01	39.75 0.93 0.01	35.92 0.74 0.00	31.89 0.75 0.00

JAMAICA__27_KV_LOAD 355505	28.56 1.23 0.00	26.76 1.03 0.00	24.87 0.93 0.00	23.82 0.87 0.00	24.45 0.83 0.00	25.89 1.02 0.00	33.93 1.89 0.00	37.44 2.12 0.00	33.02 2.16 0.00	28.19 1.87 0.00	27.48 1.73 0.00	27.84 1.67 0.00	29.57 1.80 -0.14	34.12 1.68 -0.17	36.80 1.59 -0.55	38.28 1.67 -0.38	47.12 2.10 -0.42	61.21 2.35 0.00	63.14 2.55 0.00	59.34 1.95 0.00	50.95 1.87 0.00	40.34 1.51 0.00	36.72 1.55 0.00	32.39 1.25 0.00
JANIS__SOLAR 323808	28.07 0.74 0.00	26.37 0.64 0.00	24.51 0.57 0.00	23.44 0.48 0.00	24.28 0.66 0.00	25.59 0.72 0.00	33.95 1.41 -0.50	36.91 1.59 0.00	32.06 1.20 0.00	27.08 0.76 0.00	26.34 0.59 0.00	26.82 0.65 0.00	28.33 0.69 0.00	32.96 0.68 0.00	35.39 0.73 0.00	37.67 1.05 -0.38	46.39 1.74 -0.05	64.04 2.83 -2.36	67.56 3.09 -3.87	64.33 3.21 -3.73	53.80 2.45 -2.27	42.53 1.98 -1.72	38.34 1.76 -1.41	33.45 1.21 -1.10
JARVIS____ 23743	27.36 0.03 0.00	25.73 0.00 0.00	23.96 0.02 0.00	22.98 0.02 0.00	23.64 0.02 0.00	25.00 0.02 -0.10	33.24 0.13 -1.07	37.10 0.18 -1.60	32.72 0.12 -1.74	27.65 0.08 -1.26	27.02 0.08 -1.19	28.14 0.08 -1.89	28.88 0.08 -1.16	32.28 0.00 0.00	34.93 -0.03 -0.30	36.49 0.00 -0.25	44.75 0.00 -0.14	59.50 0.00 -0.64	61.20 0.00 -0.60	58.27 0.00 -0.88	50.15 0.05 -1.01	40.06 0.04 -1.19	36.24 0.04 -1.03	32.30 0.00 -1.16
JENNISON____1 23625	28.15 0.82 0.00	26.45 0.72 0.00	24.60 0.67 0.00	23.53 0.57 0.00	24.37 0.76 0.00	25.71 0.85 0.00	33.96 1.54 -0.38	37.05 1.73 0.00	32.34 1.48 0.00	27.37 1.05 0.00	26.70 0.95 0.00	27.19 1.02 0.00	28.71 1.08 0.00	33.34 1.07 0.00	35.77 1.11 0.00	37.93 1.41 -0.28	46.60 1.96 -0.04	63.40 2.77 -1.77	66.59 3.09 -2.90	63.28 3.10 -2.79	53.34 2.55 -1.70	42.21 2.10 -1.29	38.06 1.83 -1.05	33.24 1.28 -0.82
JENNISON____2 23626	28.15 0.82 0.00	26.45 0.72 0.00	24.60 0.67 0.00	23.53 0.57 0.00	24.37 0.76 0.00	25.71 0.85 0.00	33.96 1.54 -0.38	37.05 1.73 0.00	32.34 1.48 0.00	27.37 1.05 0.00	26.70 0.95 0.00	27.19 1.02 0.00	28.71 1.08 0.00	33.34 1.07 0.00	35.77 1.11 0.00	37.93 1.41 -0.28	46.60 1.96 -0.04	63.40 2.77 -1.77	66.59 3.09 -2.90	63.28 3.10 -2.79	53.34 2.55 -1.70	42.21 2.10 -1.29	38.06 1.83 -1.05	33.24 1.28 -0.82
JERICOHO_RISE_WT_PWR 323719	27.03 -0.30 0.00	25.43 -0.31 -0.01	23.62 -0.31 0.00	22.77 -0.18 0.00	23.50 -0.12 0.00	25.46 -0.07 -0.67	38.63 -0.29 -6.88	45.28 -0.18 -10.13	41.91 0.03 -11.02	34.57 0.29 -7.96	33.71 0.41 -7.55	38.61 0.47 -11.97	35.43 0.44 -7.35	33.09 0.81 0.00	37.63 1.04 -1.93	38.94 1.12 -1.58	46.95 1.43 -0.92	64.98 2.06 -4.06	66.78 2.36 -3.82	65.40 2.41 -5.61	57.23 1.72 -6.43	47.52 1.16 -7.53	42.61 0.91 -6.52	39.24 0.75 -7.35
KATONAH__115KV_46KV_TB4 355592	28.51 1.18 0.00	26.78 1.05 0.00	24.89 0.96 0.00	23.87 0.92 0.00	24.49 0.87 0.00	25.86 0.99 0.00	33.77 1.73 0.00	37.09 1.77 0.00	32.53 1.67 0.00	27.74 1.42 0.00	27.19 1.44 0.00	27.56 1.39 0.00	29.23 1.46 -0.14	33.74 1.29 -0.17	36.42 1.21 -0.55	37.88 1.27 -0.38	46.63 1.61 -0.42	60.57 1.71 0.00	62.60 2.00 0.00	59.00 1.61 0.00	50.66 1.57 0.00	40.07 1.24 0.00	36.34 1.16 0.00	32.01 0.87 0.00
KCE_NY_1 323755	28.51 1.17 0.00	26.78 1.06 0.00	24.99 1.05 0.00	23.99 1.03 0.00	24.63 1.01 0.00	25.96 1.09 0.00	33.61 1.57 0.00	37.09 1.77 0.00	32.06 1.20 0.00	27.24 0.92 0.00	26.50 0.75 0.00	26.82 0.65 0.00	28.19 0.69 0.14	32.75 0.65 0.17	34.79 0.69 0.56	36.47 0.62 0.39	45.06 0.89 0.43	60.15 1.29 0.00	62.36 1.76 0.00	58.99 1.60 0.00	50.66 1.57 0.00	39.96 1.13 0.00	36.13 0.95 0.00	32.26 1.12 0.00
KCE_NY_6_ESR 323823	26.70 -0.63 0.00	25.42 -0.31 0.00	23.77 -0.17 0.00	22.65 -0.30 0.00	23.34 -0.28 0.00	24.32 -0.55 0.00	31.63 -0.77 -0.36	34.09 -1.24 0.00	30.21 -0.65 0.00	25.92 -0.39 0.00	25.41 -0.34 0.00	26.06 -0.10 0.00	27.69 0.06 0.00	31.89 -0.39 0.00	34.24 -0.41 0.00	35.95 -0.54 -0.26	44.01 -0.62 -0.04	59.52 -0.94 -1.60	61.84 -1.39 -2.63	59.23 -0.69 -2.53	49.54 -1.08 -1.54	39.57 -0.43 -1.17	36.41 0.28 -0.96	32.48 0.59 -0.75
KEDC_PORT_JEFF_GT2 24210	28.09 0.76 0.00	26.16 0.44 0.00	24.32 0.38 0.00	23.39 0.44 0.00	23.95 0.33 0.00	25.44 0.57 0.00	33.23 1.19 0.00	36.74 1.41 0.00	32.52 1.67 0.00	27.82 1.50 0.00	27.48 1.73 0.00	27.79 1.62 0.00	29.48 1.71 -0.14	33.83 1.39 -0.17	35.96 0.76 -0.54	37.12 0.51 -0.37	45.78 0.76 -0.42	59.50 0.65 0.01	61.62 1.03 0.01	57.96 0.57 0.01	49.62 0.54 0.01	39.48 0.66 0.01	35.70 0.53 0.00	31.73 0.59 0.00
KEDC_PORT_JEFF_GT3 24211	28.09 0.76 0.00	26.16 0.44 0.00	24.32 0.38 0.00	23.39 0.44 0.00	23.95 0.33 0.00	25.44 0.57 0.00	33.23 1.19 0.00	36.74 1.41 0.00	32.52 1.67 0.00	27.82 1.50 0.00	27.48 1.73 0.00	27.79 1.62 0.00	29.48 1.71 -0.14	33.83 1.39 -0.17	35.96 0.76 -0.54	37.12 0.51 -0.37	45.78 0.76 -0.42	59.50 0.65 0.01	61.62 1.03 0.01	57.96 0.57 0.01	49.62 0.54 0.01	39.48 0.66 0.01	35.70 0.53 0.00	31.73 0.59 0.00
KEDC_GLWD_GT4 24219	28.37 1.04 0.00	26.53 0.80 0.00	24.68 0.74 0.00	23.66 0.71 0.00	24.28 0.66 0.00	25.69 0.82 0.00	33.51 1.47 0.00	36.98 1.66 0.00	32.59 1.73 0.00	27.90 1.58 0.00	27.45 1.70 0.00	27.82 1.65 0.00	29.51 1.74 -0.14	33.96 1.52 -0.17	36.45 1.25 -0.55	37.85 1.23 -0.38	46.54 1.52 -0.42	60.03 1.18 0.00	61.99 1.39 0.00	58.30 0.92 0.00	50.06 0.98 0.00	39.99 1.16 0.00	36.16 0.98 0.00	32.07 0.93 0.00
KEDC_GLWD_GT5 24220	28.37 1.04 0.00	26.53 0.80 0.00	24.68 0.74 0.00	23.66 0.71 0.00	24.28 0.66 0.00	25.69 0.82 0.00	33.51 1.47 0.00	36.98 1.66 0.00	32.59 1.73 0.00	27.90 1.58 0.00	27.45 1.70 0.00	27.82 1.65 0.00	29.51 1.74 -0.14	33.96 1.52 -0.17	36.45 1.25 -0.55	37.85 1.23 -0.38	46.54 1.52 -0.42	60.03 1.18 0.00	61.99 1.39 0.00	58.30 0.92 0.00	50.06 0.98 0.00	39.99 1.16 0.00	36.16 0.98 0.00	32.07 0.93 0.00
KENSICO____ 23655	28.34 1.01 0.00	26.60 0.87 0.00	24.72 0.79 0.00	23.71 0.76 0.00	24.35 0.73 0.00	25.69 0.82 0.00	33.54 1.51 0.00	36.98 1.66 0.00	32.43 1.57 0.00	27.71 1.39 0.00	27.17 1.42 0.00	27.53 1.36 0.00	29.23 1.46 -0.14	33.74 1.29 -0.17	36.45 1.25 -0.55	37.88 1.27 -0.38	46.59 1.56 -0.42	60.51 1.65 0.00	62.42 1.82 0.00	58.77 1.38 0.00	50.46 1.37 0.00	39.99 1.16 0.00	36.27 1.09 0.00	31.98 0.84 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	28.37 1.04 0.00	26.65 0.93 0.00	24.75 0.81 0.00	23.73 0.78 0.00	24.35 0.73 0.00	25.71 0.85 0.00	33.61 1.57 0.00	36.95 1.62 0.00	32.34 1.48 0.00	27.58 1.26 0.00	26.96 1.21 0.00	27.29 1.13 0.00	28.96 1.24 -0.08	33.41 1.03 -0.10	36.09 1.11 -0.33	37.66 1.20 -0.23	46.37 1.52 -0.25	60.68 1.82 0.00	62.66 2.06 0.00	59.17 1.78 0.00	50.71 1.62 0.00	40.23 1.40 0.00	36.34 1.16 0.00	32.04 0.90 0.00

KIAC_JFK_GT1 23816	28.42 1.09 0.00	26.63 0.90 0.00	24.75 0.81 0.00	23.71 0.76 0.00	24.33 0.71 0.00	25.74 0.87 0.00	33.77 1.73 0.00	37.09 1.77 0.00	32.83 1.97 0.00	28.05 1.74 0.00	27.32 1.57 0.00	27.71 1.54 0.00	29.43 1.66 -0.14	33.96 1.52 -0.17	36.45 1.25 -0.55	37.96 1.34 -0.38	46.68 1.65 -0.42	60.63 1.77 0.00	62.54 1.94 0.00	58.77 1.38 0.00	50.46 1.37 0.00	39.96 1.13 0.00	36.37 1.20 0.00	32.20 1.06 0.00
KIAC_JFK_GT2 23817	28.42 1.09 0.00	26.63 0.90 0.00	24.75 0.81 0.00	23.71 0.76 0.00	24.33 0.71 0.00	25.74 0.87 0.00	33.77 1.73 0.00	37.09 1.77 0.00	32.83 1.97 0.00	28.05 1.74 0.00	27.32 1.57 0.00	27.71 1.54 0.00	29.43 1.66 -0.14	33.96 1.52 -0.17	36.45 1.25 -0.55	37.96 1.34 -0.38	46.68 1.65 -0.42	60.63 1.77 0.00	62.54 1.94 0.00	58.77 1.38 0.00	50.46 1.37 0.00	39.96 1.13 0.00	36.37 1.20 0.00	32.20 1.06 0.00
KIAC_JFK____ 323774	28.40 1.06 0.00	26.63 0.90 0.00	24.75 0.81 0.00	23.71 0.76 0.00	24.33 0.71 0.00	25.74 0.87 0.00	33.77 1.73 0.00	37.09 1.77 0.00	32.84 1.98 0.00	28.05 1.74 0.00	27.32 1.57 0.00	27.71 1.54 0.00	29.43 1.66 -0.14	33.96 1.52 -0.17	36.45 1.25 -0.55	37.92 1.30 -0.38	46.68 1.65 -0.42	60.51 1.65 0.00	62.48 1.88 0.00	58.71 1.32 0.00	50.41 1.33 0.00	39.96 1.13 0.00	36.33 1.16 0.00	32.26 1.12 0.00
KINTIGH__24_KV_GSU 356498	26.65 -0.68 0.00	25.39 -0.34 0.00	23.72 -0.22 0.00	22.61 -0.34 0.00	23.31 -0.31 0.00	24.32 -0.55 0.00	31.54 -0.83 -0.34	34.12 -1.20 0.00	30.15 -0.71 0.00	25.84 -0.47 0.00	25.34 -0.41 0.00	25.96 -0.21 0.00	27.52 -0.11 0.00	31.73 -0.55 0.00	34.07 -0.59 0.00	35.67 -0.80 -0.23	43.61 -1.02 -0.03	58.79 -1.53 -1.46	60.99 -2.00 -2.39	58.37 -1.32 -2.30	48.91 -1.57 -1.40	39.07 -0.82 -1.06	35.94 -0.11 -0.87	32.01 0.19 -0.68
KINTIGH____ 23543	26.59 -0.74 0.00	25.39 -0.33 0.00	23.72 -0.22 0.00	22.61 -0.34 0.00	23.31 -0.31 0.00	24.32 -0.55 0.00	31.54 -0.83 -0.34	34.12 -1.20 0.00	30.18 -0.68 0.00	25.84 -0.47 0.00	25.34 -0.41 0.00	25.96 -0.21 0.00	27.52 -0.11 0.00	31.73 -0.55 0.00	34.07 -0.59 0.00	35.82 -0.65 -0.23	43.61 -1.03 -1.46	58.61 -1.71 -2.39	60.93 -2.06 -2.30	58.14 -1.55 -2.30	48.91 -1.57 -1.40	39.07 -0.82 -1.06	35.87 -0.18 -0.87	32.19 0.37 -0.68
KNTFSRNC_46_KV_46KV_LOAD 80397	27.33 0.00 0.00	25.73 0.00 -0.01	23.91 -0.02 0.00	23.07 0.11 0.00	23.83 0.21 0.00	25.54 0.27 -0.40	36.52 0.38 -4.10	41.90 0.53 -6.05	38.14 0.71 -6.58	32.01 0.95 -4.75	31.31 1.06 -4.50	34.44 1.13 -7.15	33.16 1.13 -4.39	33.86 1.91 0.00	37.72 2.10 -1.15	39.28 2.72 -0.94	47.87 3.88 -0.55	65.17 4.18 -2.43	67.06 4.19 -2.28	64.92 4.19 -3.35	56.11 3.19 -3.84	45.58 2.25 -4.49	40.90 1.83 -3.89	37.05 1.53 -4.39
LACHUTE____HYDRO 323717	29.71 2.38 0.00	27.89 2.16 0.00	26.11 2.18 0.00	25.09 2.13 0.00	25.77 2.15 0.00	27.15 2.29 0.00	35.21 3.17 0.00	38.93 3.60 0.00	33.17 2.32 0.00	28.21 1.90 0.00	27.24 1.49 0.00	27.53 1.36 0.00	28.91 1.41 0.13	33.69 1.58 0.17	35.85 1.73 0.54	37.35 1.49 0.37	46.37 2.18 0.42	61.98 3.12 0.00	64.96 4.37 0.00	61.58 4.19 0.00	52.77 3.68 0.00	41.51 2.68 0.00	37.43 2.25 0.00	33.85 2.71 0.00
LAWRNCALV_115KV_TB1 80681	27.58 0.25 0.00	26.02 0.21 -0.08	24.10 0.17 0.00	23.16 0.21 0.00	23.85 0.24 0.00	30.05 0.27 -4.91	82.58 0.00 -50.54	109.38 0.07 -73.98	111.40 0.09 -80.44	84.53 0.11 -58.10	80.95 0.10 -55.10	113.75 0.16 -87.42	81.44 0.11 -53.69	32.76 0.48 0.00	49.49 0.73 -14.11	48.48 0.65 -11.59	51.93 0.62 -6.70	90.10 1.06 -30.18	90.62 1.27 -28.75	100.50 1.38 -41.73	97.43 0.93 -47.41	94.91 0.74 -55.34	83.76 0.67 -47.91	85.67 0.62 -53.90
LEDERLE____ 23769	28.40 1.07 0.00	26.65 0.93 0.00	24.77 0.84 0.00	23.76 0.80 0.00	24.37 0.76 0.00	25.74 0.87 0.00	33.61 1.57 0.00	36.98 1.66 0.00	32.46 1.60 0.00	27.74 1.42 0.00	27.17 1.42 0.00	27.53 1.36 0.00	29.23 1.46 -0.13	33.69 1.26 -0.16	36.41 1.25 -0.51	37.89 1.30 -0.35	46.65 1.65 -0.39	60.68 1.82 0.00	62.60 2.00 0.00	58.94 1.55 0.00	50.61 1.52 0.00	40.11 1.28 0.00	36.34 1.16 0.00	32.04 0.90 0.00
LIGHTHSE_115KV_TB6 355974	27.22 -0.11 0.00	25.61 -0.13 -0.01	23.81 -0.12 0.00	22.79 -0.16 0.00	23.55 -0.07 0.00	25.26 -0.05 -0.44	37.74 0.19 -5.51	43.36 0.49 -7.54	39.43 0.37 -8.20	32.42 0.18 -5.92	31.49 0.13 -5.62	35.26 0.18 -8.91	33.27 0.17 -5.47	32.37 0.10 0.00	36.20 0.10 -1.44	38.29 0.29 -1.76	45.50 0.13 -0.76	65.99 0.41 -6.71	69.98 0.48 -8.90	68.02 0.63 -10.00	57.95 0.54 -8.33	47.78 0.66 -8.29	42.72 0.49 -7.05	38.61 0.28 -7.19
LINDEN COGEN____ 23786	21.32 0.98 6.99	17.97 0.82 8.58	18.18 0.74 6.50	15.42 0.69 8.22	16.53 0.66 7.75	16.86 0.77 8.78	22.74 1.51 10.81	23.29 1.70 13.73	22.23 1.67 10.29	21.73 1.47 6.06	21.61 1.49 5.63	21.55 1.44 6.06	21.70 1.55 7.48	18.50 1.39 15.17	22.91 1.35 13.10	23.29 1.34 14.29	24.05 1.65 22.20	35.09 1.59 25.36	36.62 1.76 25.74	30.53 1.26 28.12	28.32 1.33 22.09	23.54 1.24 16.53	23.04 1.09 13.23	23.04 0.93 9.03
LINDHRST_69_KV_BK1 356055	28.37 1.04 0.00	26.45 0.72 0.00	24.58 0.65 0.00	23.62 0.67 0.00	24.19 0.57 0.00	25.69 0.82 0.00	33.45 1.41 0.00	36.95 1.62 0.00	32.74 1.88 0.00	28.03 1.71 0.00	27.63 1.88 0.00	28.00 1.83 0.00	29.68 1.91 -0.14	34.06 1.61 -0.17	36.24 1.04 -0.54	37.62 1.01 -0.37	46.40 1.38 -0.42	60.27 1.41 0.01	62.35 1.76 0.01	58.70 1.32 0.01	50.21 1.13 0.01	39.87 1.05 0.01	36.27 1.09 0.00	31.98 0.84 0.00
LIPA_MISC_IPP 23656	27.90 0.57 0.00	25.98 0.26 0.00	24.15 0.22 0.00	23.25 0.30 0.00	23.78 0.17 0.00	25.26 0.40 0.00	32.97 0.93 0.00	36.49 1.17 0.00	32.31 1.45 0.00	27.63 1.32 0.00	27.30 1.55 0.00	27.61 1.44 0.00	29.26 1.49 -0.14	33.58 1.13 -0.17	35.72 0.52 -0.54	36.97 0.36 -0.37	45.69 0.67 -0.42	59.21 0.35 0.01	61.38 0.79 0.01	57.73 0.34 0.01	49.32 0.25 0.01	39.25 0.43 0.01	35.70 0.53 0.00	31.45 0.31 0.00
LISF____SOLAR 323691	27.93 0.60 0.00	26.01 0.28 0.00	24.15 0.21 0.00	23.25 0.30 0.00	23.81 0.19 0.00	25.29 0.42 0.00	33.03 0.99 0.00	36.53 1.20 0.00	32.34 1.48 0.00	27.66 1.34 0.00	27.30 1.54 0.00	27.61 1.44 0.00	29.26 1.49 -0.14	33.61 1.16 -0.17	35.72 0.52 -0.54	36.90 0.29 -0.37	45.51 0.49 -0.42	59.15 0.30 0.01	61.32 0.73 0.01	57.67 0.29 0.01	49.37 0.30 0.01	39.33 0.50 0.01	35.53 0.35 0.00	31.55 0.40 0.00
LITTLE FALLS____HYD 24013	27.11 -0.22 0.00	25.50 -0.23 0.00	23.72 -0.22 0.00	22.75 -0.21 0.00	23.43 -0.19 0.00	24.57 -0.40 -0.10	32.76 -0.35 -1.07	37.44 2.12 0.00	32.00 1.14 0.00	27.42 -0.16 -1.26	26.86 -0.08 -1.19	28.03 -0.03 -1.89	28.79 0.00 -1.16	32.21 -0.06 0.00	34.79 -0.17 -0.30	36.38 -0.11 -0.25	44.61 -0.13 -0.14	59.15 -0.35 -0.64	60.96 -0.24 -0.60	58.10 -0.17 -0.88	49.95 -0.15 -1.01	40.09 0.08 -1.19	36.17 -0.04 -1.03	32.02 -0.28 -1.16

LITTLRIV_115KV_TB1 356100	27.82 0.49 0.00	26.24 0.44 -0.08	24.29 0.36 0.00	23.34 0.39 0.00	24.09 0.47 0.00	30.08 0.52 -4.69	80.71 0.38 -48.29	106.50 0.49 -70.68	108.09 0.37 -76.86	82.09 0.26 -55.51	78.65 0.26 -52.64	109.98 0.29 -83.53	79.21 0.28 -51.30	32.96 0.68 0.00	49.11 0.97 -13.48	48.26 0.94 -11.08	52.08 1.07 -6.40	89.52 1.77 -28.89	90.34 2.18 -27.56	99.65 2.30 -39.96	96.16 1.72 -45.35	93.07 1.32 -52.92	82.15 1.16 -45.81	83.60 0.93 -51.53
LI_NEWBRDGE___DRP 323616	28.04 0.71 0.00	26.16 0.44 0.00	24.32 0.38 0.00	23.34 0.39 0.00	23.93 0.31 0.00	25.39 0.52 0.00	33.06 1.03 0.00	36.49 1.17 0.00	32.31 1.45 0.00	27.66 1.34 0.00	27.27 1.52 0.00	27.63 1.47 0.00	29.29 1.52 -0.14	33.61 1.16 -0.17	35.82 0.62 -0.54	37.19 0.58 -0.37	45.78 0.76 -0.42	59.44 0.59 0.01	61.38 0.79 0.01	57.78 0.40 0.01	49.52 0.44 0.01	39.33 0.50 0.01	35.81 0.63 0.00	31.61 0.47 0.00
LOCKPORT_115KV_TB60_63_64 80432	26.62 -0.71 0.00	25.47 -0.26 0.00	23.81 -0.12 0.00	22.68 -0.28 0.00	23.36 -0.26 0.00	24.34 -0.52 0.00	31.37 -1.03 -0.35	33.84 -1.48 0.00	29.99 -0.86 0.00	25.71 -0.61 0.00	25.21 -0.54 0.00	25.83 -0.34 0.00	27.47 -0.17 0.00	31.60 -0.68 0.00	33.93 -0.73 0.00	35.72 -0.76 -0.25	43.43 -1.20 -0.03	58.34 -2.06 -1.54	60.70 -2.42 -2.52	57.93 -1.89 -2.43	48.70 -1.87 -1.48	38.98 -0.97 -1.12	35.88 -0.21 -0.92	32.30 0.44 -0.72
LOCKPORT___CC1 323769	26.67 -0.66 0.00	25.44 -0.28 0.00	23.79 -0.14 0.00	22.65 -0.30 0.00	23.36 -0.26 0.00	24.32 -0.55 0.00	31.37 -1.03 -0.35	33.84 -1.48 0.00	29.96 -0.90 0.00	25.69 -0.63 0.00	25.21 -0.54 0.00	25.83 -0.34 0.00	27.44 -0.19 0.00	31.60 -0.68 0.00	33.93 -0.73 0.00	35.54 -0.94 -0.25	43.44 -1.20 -0.03	58.58 -1.83 -1.55	60.77 -2.36 -2.53	58.28 -1.55 -2.44	48.70 -1.87 -1.48	39.02 -0.93 -1.12	35.99 -0.11 -0.92	32.11 0.25 -0.72
LOCKPORT___CC2 323770	26.67 -0.66 0.00	25.44 -0.28 0.00	23.79 -0.14 0.00	22.65 -0.30 0.00	23.36 -0.26 0.00	24.32 -0.55 0.00	31.37 -1.03 -0.35	33.84 -1.48 0.00	29.96 -0.90 0.00	25.69 -0.63 0.00	25.21 -0.54 0.00	25.83 -0.34 0.00	27.44 -0.19 0.00	31.60 -0.68 0.00	33.93 -0.73 0.00	35.54 -0.94 -0.25	43.44 -1.20 -0.03	58.58 -1.83 -1.55	60.77 -2.36 -2.53	58.28 -1.55 -2.44	48.70 -1.87 -1.48	39.02 -0.93 -1.12	35.99 -0.11 -0.92	32.11 0.25 -0.72
LOCKPORT___CC3 323771	26.67 -0.66 0.00	25.44 -0.28 0.00	23.79 -0.14 0.00	22.65 -0.30 0.00	23.36 -0.26 0.00	24.32 -0.55 0.00	31.37 -1.03 -0.35	33.84 -1.48 0.00	29.96 -0.90 0.00	25.69 -0.63 0.00	25.21 -0.54 0.00	25.83 -0.34 0.00	27.44 -0.19 0.00	31.60 -0.68 0.00	33.93 -0.73 0.00	35.54 -0.94 -0.25	43.44 -1.20 -0.03	58.58 -1.83 -1.55	60.77 -2.36 -2.53	58.28 -1.55 -2.44	48.70 -1.87 -1.48	39.02 -0.93 -1.12	35.99 -0.11 -0.92	32.11 0.25 -0.72
LOCUSVLY_69_KV_BK2 55797	28.34 1.01 0.00	26.47 0.75 0.00	24.60 0.67 0.00	23.62 0.67 0.00	24.21 0.59 0.00	25.66 0.80 0.00	33.45 1.41 0.00	36.91 1.59 0.00	32.62 1.76 0.00	27.92 1.61 0.00	27.50 1.75 0.00	27.87 1.70 0.00	29.57 1.80 -0.14	34.00 1.55 -0.17	36.31 1.11 -0.54	37.70 1.09 -0.37	46.40 1.38 -0.42	60.15 1.29 0.00	62.11 1.51 0.00	58.47 1.09 0.00	50.11 1.03 0.00	39.83 1.01 0.00	36.23 1.06 0.00	31.95 0.81 0.00
LONG_LAKE_PHOENIX 24014	27.36 0.03 0.00	25.75 0.03 0.00	23.96 0.02 0.00	22.93 -0.02 0.00	23.64 0.02 0.00	25.02 0.02 -0.13	34.14 0.26 -1.84	37.66 0.32 -2.02	33.34 0.28 -2.20	28.09 0.18 -1.59	27.44 0.18 -1.51	28.82 0.26 -2.39	29.38 0.28 -1.47	32.44 0.16 0.00	35.18 0.14 -0.39	37.19 0.25 -0.70	45.20 0.36 -0.24	62.63 0.59 -3.18	65.74 0.48 -4.65	62.83 0.57 -4.87	52.99 0.34 -3.56	42.33 0.27 -3.23	38.14 0.25 -2.71	33.93 0.22 -2.57
LOVETT___3 23632	28.29 0.96 0.00	26.55 0.82 0.00	24.68 0.74 0.00	23.66 0.71 0.00	24.28 0.66 0.00	25.64 0.77 0.00	33.45 1.41 0.00	36.84 1.52 0.00	32.31 1.45 0.00	27.61 1.29 0.00	27.04 1.29 0.00	27.42 1.26 0.00	29.09 1.33 -0.13	33.57 1.13 -0.16	36.25 1.07 -0.52	37.68 1.09 -0.36	46.39 1.38 -0.40	60.33 1.47 0.00	62.24 1.64 0.00	58.59 1.21 0.00	50.31 1.23 0.00	39.88 1.05 0.00	36.16 0.98 0.00	31.89 0.75 0.00
LOVETT___4 23642	28.29 0.96 0.00	26.55 0.82 0.00	24.68 0.74 0.00	23.66 0.71 0.00	24.28 0.66 0.00	25.64 0.77 0.00	33.45 1.41 0.00	36.84 1.52 0.00	32.31 1.45 0.00	27.61 1.29 0.00	27.04 1.29 0.00	27.42 1.26 0.00	29.09 1.33 -0.13	33.57 1.13 -0.16	36.25 1.07 -0.52	37.68 1.09 -0.36	46.39 1.38 -0.40	60.33 1.47 0.00	62.24 1.64 0.00	58.59 1.21 0.00	50.31 1.23 0.00	39.88 1.05 0.00	36.16 0.98 0.00	31.89 0.75 0.00
LOVETT___5 23593	28.29 0.96 0.00	26.55 0.82 0.00	24.68 0.74 0.00	23.66 0.71 0.00	24.28 0.66 0.00	25.64 0.77 0.00	33.45 1.41 0.00	36.84 1.52 0.00	32.31 1.45 0.00	27.61 1.29 0.00	27.04 1.29 0.00	27.42 1.26 0.00	29.09 1.33 -0.13	33.57 1.13 -0.16	36.25 1.07 -0.52	37.68 1.09 -0.36	46.39 1.38 -0.40	60.33 1.47 0.00	62.24 1.64 0.00	58.59 1.21 0.00	50.31 1.23 0.00	39.88 1.05 0.00	36.16 0.98 0.00	31.89 0.75 0.00
LOWER RAQUET___HYD 24057	27.55 0.22 0.00	25.99 0.18 -0.08	24.08 0.14 0.00	23.14 0.18 0.00	23.85 0.24 0.00	29.62 0.27 -4.48	78.25 0.03 -46.18	103.05 0.14 -67.58	104.47 0.12 -73.48	79.50 0.11 -53.08	76.21 0.13 -50.33	106.19 0.16 -79.86	76.82 0.14 -49.04	32.76 0.48 0.00	48.27 0.73 -12.89	47.49 0.65 -10.60	51.30 0.58 -6.12	87.60 1.06 -27.68	88.37 1.33 -26.44	97.06 1.38 -38.30	93.48 0.98 -43.42	90.24 0.78 -50.63	79.71 0.70 -43.83	81.09 0.66 -49.29
LOWER___HUDSON 24059	28.09 0.76 0.00	26.42 0.69 0.00	24.60 0.67 0.00	23.62 0.67 0.00	24.26 0.64 0.00	25.54 0.67 0.00	33.09 1.06 0.00	36.49 1.16 0.00	31.66 0.80 0.00	26.95 0.63 0.00	26.29 0.54 0.00	26.64 0.47 0.00	27.92 0.47 0.18	32.38 0.32 0.22	34.25 0.31 0.72	36.03 0.29 0.50	44.45 0.40 0.56	59.51 0.65 0.00	61.45 0.85 0.00	58.08 0.69 0.00	49.97 0.88 0.00	39.33 0.50 0.00	35.60 0.42 0.00	31.64 0.50 0.00
LOWVILLE_115KV_TB2 356335	27.47 0.14 0.00	25.80 0.05 -0.02	23.96 0.02 0.00	22.95 0.00 0.00	23.78 0.17 0.00	26.39 0.25 -1.27	45.99 0.54 -13.41	55.62 0.88 -19.42	52.62 0.65 -21.11	41.91 0.34 -15.25	40.47 0.26 -14.46	49.56 0.44 -22.95	42.17 0.44 -14.09	32.79 0.52 0.00	38.91 0.55 -3.70	40.26 0.80 -3.23	47.28 0.89 -1.78	69.48 1.53 -9.09	72.18 2.12 -9.46	72.43 2.24 -12.80	64.47 1.82 -13.57	55.80 1.59 -15.37	49.71 1.27 -13.27	46.58 0.75 -14.69
LUTHERFT_115KV_GLOB_FND_222 355753	28.51 1.18 0.00	26.78 1.05 0.00	24.99 1.05 0.00	23.99 1.03 0.00	24.63 1.02 0.00	25.94 1.07 0.00	33.61 1.57 0.00	37.05 1.73 0.00	32.03 1.17 0.00	27.24 0.92 0.00	26.47 0.72 0.00	26.82 0.65 0.00	28.16 0.66 0.14	32.75 0.65 0.17	34.79 0.69 0.56	36.43 0.58 0.39	45.02 0.85 0.43	60.15 1.29 0.00	62.36 1.76 0.00	58.94 1.55 0.00	50.61 1.52 0.00	39.92 1.09 0.00	36.09 0.91 0.00	32.23 1.09 0.00

LUTHERNY_35_KV_BK2 355980	28.51 1.18 0.00	26.78 1.05 0.00	24.99 1.05 0.00	23.99 1.03 0.00	24.63 1.02 0.00	25.96 1.09 0.00	33.61 1.57 0.00	37.09 1.77 0.00	32.03 1.17 0.00	27.24 0.92 0.00	26.50 0.75 0.00	26.82 0.65 0.00	28.16 0.66 0.14	32.75 0.65 0.17	34.79 0.69 0.56	36.47 0.62 0.39	45.06 0.89 0.43	60.15 1.29 0.00	62.36 1.76 0.00	59.00 1.61 0.00	50.66 1.57 0.00	39.96 1.13 0.00	36.13 0.95 0.00	32.26 1.12 0.00
LWR___OSWEGATCHIE_HYD 23850	27.52 0.19 0.00	25.91 0.13 -0.05	24.03 0.10 0.00	23.07 0.11 0.00	23.83 0.21 0.00	28.18 0.27 -3.04	63.83 0.32 -31.47	81.83 0.57 -45.94	81.24 0.43 -49.95	62.66 0.26 -36.08	60.17 0.21 -34.21	80.77 0.31 -54.29	61.25 0.28 -33.34	32.79 0.52 0.00	44.08 0.66 -8.76	44.28 0.72 -7.32	49.45 0.67 -4.18	79.59 1.24 -19.50	81.33 1.64 -19.09	86.28 1.78 -27.11	80.58 1.33 -30.17	74.99 1.24 -34.92	66.40 1.02 -30.20	65.68 0.72 -33.82
LYONS_FALL_HYD 23570	27.58 0.25 0.00	25.92 0.18 -0.01	24.08 0.14 0.00	23.07 0.12 0.00	23.88 0.26 0.00	26.04 0.32 -0.85	41.67 0.67 -8.95	49.15 0.92 -12.91	45.64 0.74 -14.04	36.90 0.45 -10.14	35.75 0.39 -9.61	41.92 0.50 -15.26	37.50 0.50 -9.37	32.86 0.58 0.00	37.71 0.59 -2.46	39.21 0.80 -2.18	46.73 0.94 -1.19	66.62 1.53 -6.23	69.13 1.94 -6.60	68.26 2.06 -8.80	59.95 1.67 -9.20	50.63 1.44 -10.36	45.27 1.16 -8.93	41.65 0.66 -9.85
MADISON___COUNTY_LFGE 323628	27.80 0.46 0.00	26.12 0.39 0.00	24.29 0.36 0.00	23.27 0.32 0.00	24.04 0.43 0.00	25.62 0.50 -0.26	35.97 0.93 -3.00	40.43 1.13 -3.97	36.10 0.93 -4.32	30.10 0.66 -3.12	29.30 0.59 -2.96	31.49 0.63 -4.69	31.18 0.66 -2.88	32.96 0.68 0.00	36.07 0.66 -0.76	37.93 0.83 -0.86	46.11 1.12 -0.39	63.52 1.59 -3.08	66.35 1.82 -3.93	63.76 1.84 -4.54	54.55 1.52 -3.94	44.10 1.24 -4.03	39.63 1.02 -3.44	35.40 0.69 -3.57
MALONE___115KV_TB1 356076	27.47 0.14 0.00	25.88 0.13 -0.03	24.03 0.10 0.00	23.14 0.18 0.00	23.85 0.24 0.00	26.79 0.30 -1.63	49.04 0.29 -16.71	60.31 0.42 -24.56	58.09 0.52 -26.71	46.29 0.68 -19.29	44.81 0.77 -18.29	56.00 0.81 -29.02	46.26 0.80 -17.82	33.54 1.26 0.00	40.90 1.56 -4.68	41.72 1.67 -3.82	48.92 2.10 -2.22	71.77 3.06 -9.85	73.14 3.27 -9.27	74.30 3.33 -13.59	67.17 2.50 -15.58	58.87 1.79 -18.25	52.42 1.44 -15.81	50.20 1.25 -17.82
MAPLEWOD_115KV_TB3 80458	27.80 0.46 0.00	26.16 0.44 0.00	24.37 0.43 0.00	23.39 0.44 0.00	24.02 0.40 0.00	25.31 0.45 0.00	32.74 0.70 0.00	36.14 0.81 0.00	31.38 0.52 0.00	26.71 0.39 0.00	26.08 0.33 0.00	26.46 0.29 0.00	27.81 0.30 0.12	32.25 0.13 0.15	34.23 0.07 0.50	35.97 0.07 0.34	44.31 0.09 0.38	59.04 0.18 0.00	60.90 0.30 0.00	57.56 0.17 0.00	49.48 0.39 0.00	39.02 0.19 0.00	35.28 0.11 0.00	31.30 0.16 0.00
MAPLE_RIDGE_WT_1 323574	26.51 -0.82 0.00	24.95 -0.77 0.00	23.22 -0.72 0.00	22.29 -0.67 0.00	22.96 -0.66 0.00	24.08 -0.67 0.11	29.96 -0.90 1.18	32.73 -0.88 1.71	28.32 -0.68 1.86	24.53 -0.45 1.34	24.12 -0.36 1.27	23.81 -0.34 2.02	26.03 -0.36 1.24	31.96 -0.32 0.00	34.02 -0.31 0.33	35.65 -0.33 0.27	44.09 -0.36 0.15	57.82 -0.35 0.68	59.65 -0.30 0.64	56.10 -0.34 0.94	47.66 -0.34 1.08	37.21 -0.35 1.27	33.72 -0.35 1.10	29.56 -0.34 1.24
MAPLE_RIDGE_WT_2 323611	26.51 -0.82 0.00	24.95 -0.77 0.00	23.22 -0.72 0.00	22.29 -0.67 0.00	22.96 -0.66 0.00	24.08 -0.67 0.11	29.96 -0.90 1.18	32.73 -0.88 1.71	28.32 -0.68 1.86	24.53 -0.45 1.34	24.12 -0.36 1.27	23.81 -0.34 2.02	26.03 -0.36 1.24	31.96 -0.32 0.00	34.02 -0.31 0.33	35.65 -0.33 0.27	44.09 -0.36 0.15	57.82 -0.35 0.68	59.65 -0.30 0.64	56.10 -0.34 0.94	47.66 -0.34 1.08	37.21 -0.35 1.27	33.72 -0.35 1.10	29.56 -0.34 1.24
MARBLE_RIVER_WT_PWR 323696	26.95 -0.38 0.00	25.35 -0.39 -0.01	23.58 -0.36 0.00	22.79 -0.16 0.00	23.57 -0.05 0.00	25.23 0.02 -0.34	35.57 0.03 -3.50	40.71 0.21 -5.17	37.00 0.52 -5.62	31.22 0.84 -4.06	30.60 1.00 -3.85	33.37 1.10 -6.11	32.46 1.08 -3.75	33.80 1.52 0.00	37.44 1.80 -0.99	39.00 1.96 -0.80	47.52 2.45 -0.47	64.46 3.53 -2.07	66.43 3.88 -1.95	64.15 3.90 -2.86	55.31 2.94 -3.28	44.73 2.06 -3.84	40.12 1.62 -3.33	36.20 1.31 -3.75
MARSHVLE_115KV_TB1 80742	28.92 1.59 0.00	27.17 1.44 0.00	25.35 1.41 0.00	24.31 1.35 0.00	25.04 1.42 0.00	26.48 1.62 0.00	34.41 2.37 0.00	37.55 2.23 0.00	31.94 1.08 0.00	26.98 0.66 0.00	26.08 0.33 0.00	26.43 0.26 0.00	27.86 0.30 0.08	32.47 0.29 0.10	34.82 0.49 0.32	37.00 0.98 0.22	46.14 1.78 0.25	61.63 2.77 0.00	64.48 3.88 0.00	61.18 3.79 0.00	52.37 3.29 0.00	41.39 2.56 0.00	37.36 2.18 0.00	32.98 1.84 0.00
MARSH_HILL_WT_PWR 323713	26.48 -0.85 0.00	25.03 -0.69 0.00	23.26 -0.67 0.00	22.24 -0.71 0.00	22.93 -0.69 0.00	24.05 -0.82 0.00	31.71 -0.77 -0.44	34.33 -0.99 0.00	29.78 -1.08 0.00	25.42 -0.89 0.00	24.80 -0.95 0.00	25.41 -0.76 0.00	27.05 -0.58 0.00	31.34 -0.94 0.00	33.76 -0.90 0.00	35.69 -0.87 -0.32	44.02 -0.62 -0.05	60.53 -0.35 -2.02	63.61 -0.30 -3.31	61.03 0.46 -3.19	50.83 -0.20 -1.94	40.26 -0.04 -1.47	36.77 0.39 -1.20	32.49 0.40 -0.94
MCINTYRE_115KV_TB2 80467	27.99 0.66 0.00	26.38 0.57 -0.09	24.44 0.50 0.00	23.46 0.50 0.00	24.23 0.61 0.00	30.53 0.65 -5.02	84.21 0.48 -51.69	111.59 0.60 -75.67	113.54 0.40 -82.28	86.01 0.26 -59.43	82.36 0.26 -56.35	115.85 0.26 -89.42	82.80 0.25 -54.91	32.96 0.68 0.00	50.06 0.97 -14.43	49.10 1.01 -11.85	52.70 1.25 -6.85	91.82 2.12 -30.84	92.50 2.55 -29.36	102.73 2.70 -42.64	99.61 2.06 -48.47	97.01 1.59 -56.58	85.50 1.34 -48.99	87.32 1.06 -55.12
MECO_____69_KV_BK1 80468	29.03 1.69 0.00	27.27 1.54 0.00	25.47 1.53 0.00	24.44 1.49 0.00	25.15 1.54 0.00	26.61 1.74 0.00	34.51 2.47 0.00	37.80 2.47 0.00	32.15 1.30 0.00	27.11 0.79 0.00	26.14 0.39 0.00	26.40 0.24 0.00	27.80 0.25 0.09	32.43 0.26 0.11	34.79 0.49 0.35	36.97 0.98 0.24	46.21 1.87 0.27	61.86 3.00 0.00	64.78 4.18 0.00	61.41 4.02 0.00	52.62 3.53 0.00	41.43 2.60 0.00	37.43 2.25 0.00	33.07 1.93 0.00
MENANDS___115KV_TB5 355628	27.66 0.33 0.00	26.04 0.31 0.00	24.25 0.31 0.00	23.30 0.34 0.00	23.90 0.28 0.00	25.19 0.32 0.00	32.55 0.51 0.00	35.92 0.60 0.00	31.23 0.37 0.00	26.61 0.29 0.00	26.01 0.26 0.00	26.35 0.18 0.00	27.70 0.19 0.12	32.13 0.00 0.15	34.06 -0.10 0.50	35.75 -0.14 0.34	44.09 -0.13 0.38	58.68 -0.18 0.00	60.48 -0.12 0.00	57.16 -0.23 0.00	49.13 0.05 0.00	38.75 -0.08 0.00	35.07 -0.11 0.00	31.11 -0.03 0.00
MG INDUSTRY___DRP 24185	27.74 0.41 0.00	26.11 0.39 0.00	24.34 0.41 0.00	23.37 0.41 0.00	24.00 0.38 0.00	25.26 0.40 0.00	32.65 0.61 0.00	35.96 0.64 0.00	31.17 0.31 0.00	26.50 0.18 0.00	25.85 0.10 0.00	26.19 0.03 0.00	27.66 0.08 0.05	32.15 -0.06 0.07	34.33 -0.10 0.22	35.98 -0.11 0.15	44.39 -0.04 0.17	58.80 -0.06 0.00	60.72 0.12 0.00	57.45 0.06 0.00	49.33 0.25 0.00	38.95 0.12 0.00	35.25 0.07 0.00	31.30 0.16 0.00

MID___OSWEGATCHIE_HYD 23849	27.52 0.19 0.00	25.91 0.13 -0.05	24.03 0.10 0.00	23.07 0.11 0.00	23.83 0.21 0.00	28.18 0.27 -3.04	63.83 0.32 -31.47	81.83 0.57 -45.94	81.24 0.43 -49.95	62.66 0.26 -36.08	60.17 0.21 -34.21	80.77 0.31 -54.29	61.25 0.28 -33.34	32.79 0.52 0.00	44.08 0.66 -8.76	44.28 0.72 -7.32	49.45 0.67 -4.18	79.59 1.24 -19.50	81.33 1.64 -19.09	86.28 1.78 -27.11	80.58 1.33 -30.17	74.99 1.24 -34.92	66.40 1.02 -30.20	65.68 0.72 -33.82
MID___RAQUETTE_HYD 23851	27.55 0.22 0.00	25.98 0.18 -0.08	24.08 0.14 0.00	23.14 0.18 0.00	23.85 0.24 0.00	29.62 0.27 -4.48	78.25 0.03 -46.18	103.05 0.14 -67.58	104.47 0.12 -73.48	79.50 0.11 -53.08	76.21 0.13 -50.33	106.19 0.16 -79.86	76.82 0.14 -49.04	32.76 0.48 0.00	48.27 0.73 -12.89	47.49 0.65 -10.60	51.31 0.58 -6.12	87.60 1.06 -27.68	88.31 1.27 -26.44	97.06 1.38 -38.30	93.48 0.98 -43.42	90.24 0.78 -50.63	79.71 0.70 -43.83	81.09 0.65 -49.29
MILLIKEN___1 23584	27.69 0.36 0.00	26.06 0.33 0.00	24.25 0.31 0.00	23.18 0.23 0.00	23.93 0.31 0.00	25.19 0.32 0.00	33.40 0.74 -0.63	36.14 0.81 0.00	31.51 0.65 0.00	26.76 0.45 0.00	26.14 0.39 0.00	26.64 0.47 0.00	28.16 0.53 0.00	32.73 0.45 0.00	35.11 0.45 0.00	37.33 0.62 -0.48	45.61 0.94 -0.07	63.24 1.41 -2.96	66.85 1.39 -4.86	63.51 1.43 -4.68	53.01 1.08 -2.85	41.84 0.85 -2.16	37.75 0.81 -1.77	33.21 0.69 -1.38
MILLIKEN___2 23585	27.69 0.36 0.00	26.06 0.33 0.00	24.25 0.31 0.00	23.18 0.23 0.00	23.93 0.31 0.00	25.19 0.32 0.00	33.40 0.74 -0.63	36.14 0.81 0.00	31.51 0.65 0.00	26.76 0.45 0.00	26.14 0.39 0.00	26.64 0.47 0.00	28.16 0.53 0.00	32.73 0.45 0.00	35.11 0.45 0.00	37.33 0.62 -0.48	45.61 0.94 -0.07	63.24 1.41 -2.96	66.85 1.39 -4.86	63.51 1.43 -4.68	53.01 1.08 -2.85	41.84 0.85 -2.16	37.75 0.81 -1.77	33.21 0.69 -1.38
MILLIKEN___DIESEL 23629	27.69 0.36 0.00	26.06 0.33 0.00	24.25 0.31 0.00	23.18 0.23 0.00	23.93 0.31 0.00	25.19 0.32 0.00	33.40 0.74 -0.63	36.14 0.81 0.00	31.51 0.65 0.00	26.76 0.45 0.00	26.14 0.39 0.00	26.64 0.47 0.00	28.16 0.53 0.00	32.73 0.45 0.00	35.11 0.45 0.00	37.33 0.62 -0.48	45.61 0.94 -0.07	63.24 1.41 -2.96	66.85 1.39 -4.86	63.51 1.43 -4.68	53.01 1.08 -2.85	41.84 0.85 -2.16	37.75 0.81 -1.77	33.21 0.69 -1.38
MILLSEAT___LFGE 323607	27.17 -0.16 0.00	25.88 0.16 0.00	24.22 0.29 0.00	23.04 0.09 0.00	23.83 0.21 0.00	24.87 0.00 0.00	32.20 -0.19 -0.35	34.90 -0.42 0.00	30.83 -0.03 0.00	26.37 0.05 0.00	25.85 0.10 0.00	26.46 0.29 0.00	28.13 0.50 0.00	32.47 0.19 0.00	34.83 0.17 0.00	36.66 0.18 -0.24	44.77 0.13 -0.03	60.55 0.18 -1.52	62.90 -0.18 -2.49	60.19 0.40 -2.40	50.40 -0.15 -1.46	40.13 0.20 -1.10	36.89 0.81 -0.90	32.81 0.97 -0.71
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	28.31 0.98 0.00	26.58 0.85 0.00	24.72 0.79 0.00	23.69 0.73 0.00	24.33 0.71 0.00	25.66 0.80 0.00	33.51 1.47 0.00	36.91 1.59 0.00	32.37 1.51 0.00	27.66 1.34 0.00	27.09 1.34 0.00	27.48 1.31 0.00	29.15 1.38 -0.13	33.64 1.19 -0.17	36.34 1.14 -0.54	37.77 1.16 -0.38	46.45 1.43 -0.42	60.39 1.53 0.00	62.30 1.70 0.00	58.65 1.26 0.00	50.41 1.33 0.00	39.92 1.09 0.00	36.20 1.02 0.00	31.92 0.78 0.00
MILLWOOD_13_KV_LOAD 356217	28.40 1.07 0.00	26.68 0.95 0.00	24.80 0.86 0.00	23.76 0.80 0.00	24.40 0.78 0.00	25.76 0.90 0.00	33.61 1.57 0.00	36.98 1.66 0.00	32.43 1.57 0.00	27.69 1.37 0.00	27.14 1.39 0.00	27.53 1.36 0.00	29.21 1.44 -0.13	33.70 1.26 -0.17	36.41 1.21 -0.54	37.85 1.23 -0.38	46.58 1.56 -0.42	60.51 1.65 0.00	62.48 1.88 0.00	58.82 1.43 0.00	50.51 1.42 0.00	39.99 1.16 0.00	36.27 1.09 0.00	31.98 0.84 0.00
MODEL_CITY_ENERGY 24167	26.54 -0.79 0.00	25.34 -0.39 0.00	23.70 -0.24 0.00	22.56 -0.39 0.00	23.27 -0.35 0.00	24.22 -0.65 0.00	31.08 -1.31 -0.35	33.52 -1.80 0.00	29.69 -1.17 0.00	25.47 -0.84 0.00	24.98 -0.77 0.00	25.62 -0.55 0.00	27.19 -0.44 0.00	31.31 -0.97 0.00	33.62 -1.04 0.00	35.18 -1.30 -0.25	42.99 -1.65 -0.03	57.94 -2.47 -1.55	60.04 -3.09 -2.53	57.59 -2.24 -2.44	48.17 -2.40 -1.48	38.63 -1.32 -1.12	35.64 -0.46 -0.92	31.80 -0.06 -0.72
MODERN_LFGE___ 323580	26.54 -0.79 0.00	25.34 -0.39 0.00	23.70 -0.24 0.00	22.56 -0.39 0.00	23.27 -0.35 0.00	24.22 -0.65 0.00	31.08 -1.31 -0.35	33.52 -1.80 0.00	29.69 -1.17 0.00	25.47 -0.84 0.00	24.98 -0.77 0.00	25.62 -0.55 0.00	27.19 -0.44 0.00	31.31 -0.97 0.00	33.62 -1.04 0.00	35.18 -1.30 -0.25	42.99 -1.65 -0.03	57.94 -2.47 -1.55	60.04 -3.09 -2.53	57.59 -2.24 -2.44	48.17 -2.40 -1.48	38.63 -1.32 -1.12	35.64 -0.46 -0.92	31.80 -0.06 -0.72
MOHAWK_PAPER___DRP 24187	27.80 0.46 0.00	26.16 0.44 0.00	24.37 0.43 0.00	23.39 0.44 0.00	24.02 0.40 0.00	25.31 0.45 0.00	32.74 0.70 0.00	36.14 0.81 0.00	31.38 0.52 0.00	26.71 0.39 0.00	26.08 0.33 0.00	26.46 0.29 0.00	27.81 0.30 0.12	32.25 0.13 0.15	34.23 0.07 0.50	35.97 0.07 0.34	44.31 0.09 0.38	59.04 0.18 0.00	60.90 0.30 0.00	57.56 0.17 0.00	49.48 0.39 0.00	39.02 0.19 0.00	35.28 0.11 0.00	31.30 0.16 0.00
MOHICAN___35_KV_115KV_LD 80490	28.86 1.53 0.00	27.09 1.36 0.00	25.30 1.36 0.00	24.31 1.35 0.00	24.97 1.35 0.00	26.28 1.42 0.00	34.06 2.02 0.00	37.62 2.30 0.00	32.37 1.51 0.00	27.50 1.18 0.00	26.65 0.90 0.00	26.98 0.81 0.00	28.33 0.83 0.14	32.98 0.87 0.17	35.04 0.94 0.55	36.37 0.51 0.38	44.98 0.80 0.42	60.10 1.24 0.00	62.54 1.94 0.00	59.17 1.78 0.00	50.80 1.72 0.00	40.07 1.24 0.00	36.20 1.02 0.00	32.73 1.59 0.00
MONGAUP___HYD 23641	28.26 0.93 0.00	26.57 0.85 0.00	24.68 0.74 0.00	23.69 0.73 0.00	24.30 0.69 0.00	25.64 0.77 0.00	33.48 1.44 0.00	36.77 1.45 0.00	32.12 1.27 0.00	27.34 1.03 0.00	26.70 0.95 0.00	27.03 0.86 0.00	28.71 0.97 -0.11	33.19 0.77 -0.14	35.94 0.83 -0.45	37.49 0.94 -0.31	46.20 1.25 -0.35	60.45 1.59 0.00	62.54 1.94 0.00	58.99 1.60 0.00	50.61 1.52 0.00	40.11 1.28 0.00	36.23 1.05 0.00	32.05 0.90 0.00
MONTAUK___DIESEL 23721	28.31 0.98 0.00	26.32 0.59 0.00	24.46 0.53 0.00	23.62 0.67 0.00	24.21 0.59 0.00	25.74 0.87 0.00	33.48 1.44 0.00	37.12 1.80 0.00	32.96 2.10 0.00	28.27 1.95 0.00	27.96 2.21 0.00	28.34 2.17 0.00	30.04 2.27 -0.14	34.45 2.00 -0.17	36.62 1.42 -0.54	37.99 1.38 -0.37	47.12 2.10 -0.42	61.09 2.24 0.01	63.32 2.73 0.01	59.62 2.24 0.01	50.70 1.62 0.01	40.34 1.51 0.01	36.51 1.34 0.00	32.11 0.97 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	25.94 -1.39 0.00	24.75 -0.98 0.00	23.12 -0.81 0.00	22.01 -0.94 0.00	22.67 -0.94 0.00	23.72 -1.14 0.00	31.19 -1.22 -0.37	33.59 -1.73 0.00	29.99 -0.86 0.00	25.76 -0.55 0.00	25.24 -0.52 0.00	25.96 -0.21 0.00	27.74 0.11 0.00	31.96 -0.32 0.00	34.41 -0.24 0.00	36.57 0.07 -0.26	45.00 0.36 -0.04	61.09 0.59 -1.64	63.60 0.30 -2.70	60.73 0.75 -2.60	51.01 0.34 -1.58	40.57 0.54 -1.20	37.18 1.02 -0.98	33.31 1.40 -0.77

MORRIS_RIDGE___SOLAR 323848	26.54 -0.79 0.00	25.16 -0.57 0.00	23.46 -0.48 0.00	22.38 -0.57 0.00	23.08 -0.54 0.00	24.12 -0.75 0.00	31.61 -0.83 -0.41	34.09 -1.24 0.00	29.90 -0.96 0.00	25.53 -0.79 0.00	24.93 -0.83 0.00	25.52 -0.65 0.00	27.14 -0.50 0.00	31.41 -0.87 0.00	33.72 -0.93 0.00	35.52 -1.01 -0.30	43.71 -0.94 -0.04	59.72 -1.00 -1.86	62.68 -0.97 -3.05	60.10 -0.23 -2.94	50.23 -0.64 -1.79	39.91 -0.27 -1.35	36.50 0.21 -1.11	32.38 0.38 -0.87
MORTIMER_115KV_TB3 55949	27.06 -0.27 0.00	25.65 -0.08 0.00	23.96 0.02 0.00	22.84 -0.11 0.00	23.60 -0.02 0.00	24.72 -0.15 0.00	32.29 -0.10 -0.35	35.22 -0.11 0.00	30.95 0.09 0.00	26.42 0.11 0.00	25.90 0.15 0.00	26.43 0.26 0.00	28.02 0.39 0.00	32.50 0.23 0.00	34.86 0.21 0.00	36.83 0.36 -0.23	44.90 0.27 -0.03	60.52 0.24 -1.43	63.06 0.12 -2.34	59.93 0.29 -2.26	50.56 0.10 -1.37	39.99 0.12 -1.04	36.38 0.35 -0.85	32.34 0.53 -0.67
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	28.45 1.12 0.00	26.68 0.95 0.00	24.80 0.86 0.00	23.76 0.80 0.00	24.40 0.78 0.00	25.76 0.90 0.00	33.67 1.63 0.00	37.16 1.84 0.00	32.65 1.79 0.00	27.90 1.58 0.00	27.32 1.57 0.00	27.71 1.54 0.00	29.43 1.66 -0.14	33.93 1.48 -0.17	36.66 1.46 -0.55	38.10 1.49 -0.38	46.86 1.83 -0.42	60.86 2.00 0.00	62.72 2.12 0.00	59.05 1.66 0.00	50.71 1.62 0.00	40.23 1.40 0.00	36.44 1.27 0.00	32.14 1.00 0.00
MUNSVILLE_WIND_PWR 323609	28.40 1.06 0.00	26.60 0.88 0.00	24.72 0.79 0.00	23.64 0.69 0.00	24.61 0.99 0.00	26.01 1.14 0.00	34.56 2.08 -0.44	37.80 2.47 0.00	32.93 2.07 0.00	27.76 1.45 0.00	27.04 1.29 0.00	27.55 1.39 0.00	29.07 1.44 0.00	33.86 1.58 0.00	36.29 1.63 0.00	38.67 2.10 -0.33	47.68 3.03 -0.05	65.39 4.47 -2.06	68.95 4.97 -3.38	65.70 5.05 -3.26	55.09 4.03 -1.98	43.59 3.26 -1.50	39.22 2.82 -1.23	33.88 1.77 -0.96
N SALMON___HYD 24042	27.47 0.14 0.00	25.88 0.13 -0.03	24.03 0.10 0.00	23.14 0.18 0.00	23.85 0.24 0.00	26.79 0.30 -1.63	49.04 0.29 -16.71	60.31 0.43 -24.56	58.09 0.52 -26.71	46.29 0.68 -19.29	44.81 0.77 -18.29	56.00 0.81 -29.02	46.26 0.80 -17.82	33.54 1.26 0.00	40.90 1.56 -4.68	41.72 1.67 -3.82	48.92 2.10 -2.22	71.77 3.06 -9.85	73.20 3.33 -9.27	74.30 3.33 -13.59	67.16 2.50 -15.58	58.87 1.79 -18.25	52.42 1.44 -15.81	50.20 1.25 -17.82
N.AKRON__115KV_KNAPP 355671	27.22 -0.11 0.00	25.98 0.26 0.00	24.32 0.38 0.00	23.11 0.16 0.00	23.93 0.31 0.00	24.97 0.10 0.00	32.39 0.00 -0.35	35.15 -0.18 0.00	31.07 0.22 0.00	26.53 0.21 0.00	25.98 0.23 0.00	26.59 0.42 0.00	28.27 0.64 0.00	32.63 0.36 0.00	35.00 0.35 0.00	37.02 0.54 -0.24	45.04 0.40 -0.03	60.73 0.35 -1.52	63.33 0.24 -2.49	60.30 0.52 -2.40	50.74 0.20 -1.46	40.36 0.43 -1.10	36.99 0.91 -0.90	33.13 1.28 -0.71
N.E_GEN_SANDY PD 24062	28.04 0.71 0.00	26.37 0.64 0.00	24.53 0.60 0.00	23.55 0.60 0.00	24.14 0.52 0.00	27.66 0.57 -2.22	33.06 1.02 0.00	34.20 1.10 2.22	31.72 0.86 0.00	27.00 0.68 0.00	26.42 0.67 0.00	26.77 0.60 0.00	27.08 0.61 1.16	29.62 0.39 3.05	30.28 0.31 4.69	33.29 0.29 3.24	41.30 0.31 3.62	59.33 0.47 0.00	61.21 0.61 0.00	57.68 0.29 0.00	50.10 0.64 -0.38	38.80 0.35 0.38	35.46 0.28 0.00	31.45 0.31 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	28.31 0.98 0.00	26.58 0.85 0.00	24.70 0.77 0.00	23.69 0.73 0.00	24.30 0.68 0.00	25.66 0.80 0.00	33.48 1.44 0.00	36.84 1.52 0.00	32.31 1.45 0.00	27.61 1.29 0.00	27.06 1.31 0.00	27.42 1.26 0.00	29.12 1.35 -0.13	33.57 1.13 -0.16	36.28 1.11 -0.51	37.72 1.12 -0.35	46.43 1.43 -0.40	60.39 1.53 0.00	62.30 1.70 0.00	58.71 1.32 0.00	50.41 1.33 0.00	39.96 1.13 0.00	36.20 1.02 0.00	31.95 0.81 0.00
N.QUEENS_27_KV_LOAD 356247	28.72 1.39 0.00	26.94 1.21 0.00	25.04 1.10 0.00	23.96 1.01 0.00	24.59 0.97 0.00	25.86 0.99 0.00	33.77 1.73 0.00	37.23 1.91 0.00	32.71 1.85 0.00	27.95 1.63 0.00	27.37 1.62 0.00	27.76 1.60 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	46.94 1.92 -0.42	61.10 2.24 0.00	63.08 2.48 0.00	59.23 1.84 0.00	50.85 1.77 0.00	40.54 1.71 0.00	36.83 1.65 0.00	32.52 1.37 -0.01
N.TROY___115KV_TB1 355778	28.12 0.79 0.00	26.42 0.69 0.00	24.60 0.67 0.00	23.62 0.67 0.00	24.26 0.64 0.00	25.54 0.67 0.00	33.10 1.06 0.00	36.49 1.17 0.00	31.66 0.80 0.00	26.95 0.63 0.00	26.29 0.54 0.00	26.64 0.47 0.00	27.92 0.47 0.18	32.38 0.32 0.22	34.25 0.31 0.72	36.03 0.29 0.50	44.45 0.40 0.56	59.51 0.65 0.00	61.45 0.85 0.00	58.08 0.69 0.00	49.92 0.83 0.00	39.33 0.50 0.00	35.60 0.42 0.00	31.64 0.50 0.00
NARROWS_GT1_1 24228	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	47.08 2.05 -0.42	62.03 2.59 -0.59	63.44 2.79 -0.06	60.22 2.18 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.58 1.41 0.00	32.35 1.21 0.00
NARROWS_GT1_2 24229	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	47.08 2.05 -0.42	62.03 2.59 -0.59	63.44 2.79 -0.06	60.22 2.18 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.58 1.41 0.00	32.35 1.21 0.00
NARROWS_GT1_3 24230	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	47.08 2.05 -0.42	62.03 2.59 -0.59	63.44 2.79 -0.06	60.22 2.18 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.58 1.41 0.00	32.35 1.21 0.00
NARROWS_GT1_4 24231	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	47.08 2.05 -0.42	62.03 2.59 -0.59	63.44 2.79 -0.06	60.22 2.18 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.58 1.41 0.00	32.35 1.21 0.00
NARROWS_GT1_5 24232	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	47.08 2.05 -0.42	62.03 2.59 -0.59	63.44 2.79 -0.06	60.22 2.18 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.58 1.41 0.00	32.35 1.21 0.00

NARROWS_GT1_6 24233	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	47.08 2.05 -0.42	62.03 2.59 -0.59	63.44 2.79 -0.06	60.22 2.18 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.58 1.41 0.00	32.35 1.21 0.00
NARROWS_GT1_7 24234	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	47.08 2.05 -0.42	62.03 2.59 -0.59	63.44 2.79 -0.06	60.22 2.18 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.58 1.41 0.00	32.35 1.21 0.00
NARROWS_GT1_8 24235	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	47.08 2.05 -0.42	62.03 2.59 -0.59	63.44 2.79 -0.06	60.22 2.18 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.58 1.41 0.00	32.35 1.21 0.00
NARROWS_GT2_1 24236	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	47.08 2.05 -0.42	62.03 2.59 -0.59	63.44 2.79 -0.06	60.22 2.18 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.58 1.41 0.00	32.35 1.21 0.00
NARROWS_GT2_2 24237	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	47.08 2.05 -0.42	62.03 2.59 -0.59	63.44 2.79 -0.06	60.22 2.18 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.58 1.41 0.00	32.35 1.21 0.00
NARROWS_GT2_3 24238	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	47.08 2.05 -0.42	62.03 2.59 -0.59	63.44 2.79 -0.06	60.22 2.18 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.58 1.41 0.00	32.35 1.21 0.00
NARROWS_GT2_4 24239	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	47.08 2.05 -0.42	62.03 2.59 -0.59	63.44 2.79 -0.06	60.22 2.18 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.58 1.41 0.00	32.35 1.21 0.00
NARROWS_GT2_5 24240	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	47.08 2.05 -0.42	62.03 2.59 -0.59	63.44 2.79 -0.06	60.22 2.18 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.58 1.41 0.00	32.35 1.21 0.00
NARROWS_GT2_6 24241	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	47.08 2.05 -0.42	62.03 2.59 -0.59	63.44 2.79 -0.06	60.22 2.18 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.58 1.41 0.00	32.35 1.21 0.00
NARROWS_GT2_7 24242	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	47.08 2.05 -0.42	62.03 2.59 -0.59	63.44 2.79 -0.06	60.22 2.18 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.58 1.41 0.00	32.35 1.21 0.00
NARROWS_GT2_8 24243	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	47.08 2.05 -0.42	62.03 2.59 -0.59	63.44 2.79 -0.06	60.22 2.18 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.58 1.41 0.00	32.35 1.21 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	27.96 0.63 0.00	26.34 0.62 0.00	24.53 0.60 0.00	23.57 0.62 0.00	24.19 0.57 0.00	25.49 0.62 0.00	33.00 0.96 0.00	36.24 0.92 0.00	31.54 0.68 0.00	26.71 0.39 0.00	25.96 0.21 0.00	26.22 0.05 0.00	28.10 0.47 0.00	32.63 0.36 0.00	35.14 0.49 0.00	36.93 0.69 0.00	45.67 1.07 0.00	59.92 1.06 0.00	62.24 1.64 0.00	58.94 1.55 0.00	50.51 1.42 0.00	39.88 1.05 0.00	35.91 0.74 0.00	31.89 0.75 0.00
NCHELSEA_115KV_TR2 355582	28.40 1.07 0.00	26.70 0.98 0.00	24.80 0.86 0.00	23.80 0.85 0.00	24.40 0.78 0.00	25.76 0.90 0.00	33.61 1.57 0.00	36.95 1.62 0.00	32.37 1.51 0.00	27.61 1.29 0.00	27.04 1.29 0.00	27.37 1.20 0.00	29.03 1.30 -0.10	33.53 1.13 -0.13	36.21 1.14 -0.41	37.72 1.20 -0.28	46.39 1.47 -0.32	60.57 1.71 0.00	62.54 1.94 0.00	59.00 1.61 0.00	50.66 1.57 0.00	40.11 1.28 0.00	36.27 1.09 0.00	32.01 0.87 0.00
NEG CAPITAL____MECHNVIL 23645	28.48 1.15 0.00	26.78 1.06 0.00	24.99 1.05 0.00	23.99 1.03 0.00	24.61 0.99 0.00	25.93 1.07 0.00	33.61 1.57 0.00	37.09 1.77 0.00	32.06 1.20 0.00	27.26 0.95 0.00	26.52 0.77 0.00	26.85 0.68 0.00	28.17 0.69 0.15	32.77 0.68 0.19	34.76 0.73 0.62	36.50 0.69 0.43	45.10 0.98 0.48	60.27 1.41 0.00	62.48 1.88 0.00	59.05 1.67 0.00	50.70 1.62 0.00	39.96 1.13 0.00	36.13 0.95 0.00	32.23 1.09 0.00
NEG CENTRAL_HIGH_ACRES 23767	26.59 -0.74 0.00	25.14 -0.59 0.00	23.46 -0.48 0.00	22.38 -0.57 0.00	23.12 -0.50 0.00	24.25 -0.62 0.00	31.79 -0.64 -0.39	34.65 -0.67 0.00	30.36 -0.49 0.00	25.92 -0.39 0.00	25.41 -0.34 0.00	25.93 -0.24 0.00	27.47 -0.16 0.00	31.89 -0.39 0.00	34.20 -0.45 0.00	36.15 -0.36 -0.27	44.11 -0.53 -0.04	59.92 -0.65 -1.71	62.49 -0.91 -2.80	59.51 -0.57 -2.70	49.94 -0.79 -1.64	39.49 -0.58 -1.24	35.88 -0.32 -1.02	31.69 -0.25 -0.80



NEG CENTRAL___DRP 24199	27.49 0.16 0.00	25.93 0.21 0.00	24.15 0.22 0.00	23.07 0.11 0.00	23.83 0.21 0.00	25.15 0.20 -0.09	34.27 0.58 -1.66	37.56 0.92 -1.32	33.07 0.77 -1.44	27.91 0.55 -1.04	27.22 0.49 -0.99	28.36 0.63 -1.56	29.29 0.69 -0.96	32.89 0.61 0.00	35.57 0.66 -0.25	37.90 0.87 -0.79	45.92 1.12 -0.20	64.26 1.24 -4.16	68.21 1.15 -6.46	65.12 1.26 -6.47	54.24 0.83 -4.32	43.07 0.62 -3.62	38.96 0.77 -3.01	34.53 0.75 -2.65
NEG CENTRAL___INDECK 23768	27.58 0.25 0.00	26.11 0.39 0.00	24.37 0.43 0.00	23.21 0.25 0.00	24.02 0.40 0.00	25.17 0.30 0.00	33.08 0.64 -0.40	35.99 0.67 0.00	31.38 0.52 0.00	26.66 0.34 0.00	25.96 0.21 0.00	26.51 0.34 0.00	28.07 0.44 0.00	32.60 0.32 0.00	35.04 0.38 0.00	37.18 0.65 -0.28	45.76 1.12 -0.04	62.64 2.00 -1.78	65.76 2.24 -2.91	62.89 2.70 -2.81	52.61 1.82 -1.71	41.52 1.40 -1.29	37.85 1.62 -1.06	33.43 1.46 -0.83
NEG CENTRAL___SENECA 23627	27.69 0.36 0.00	26.14 0.41 0.00	24.34 0.41 0.00	23.23 0.28 0.00	24.02 0.40 0.00	25.24 0.37 0.00	33.60 0.90 -0.66	36.81 1.48 0.00	32.09 1.23 0.00	27.21 0.89 0.00	26.57 0.82 0.00	27.16 0.99 0.00	28.74 1.11 0.00	33.31 1.03 0.00	35.80 1.14 0.00	38.24 1.49 -0.51	46.55 1.87 -0.07	63.89 1.82 -3.21	67.68 1.82 -5.26	64.41 1.95 -5.06	53.49 1.33 -3.08	42.17 1.01 -2.33	38.32 1.23 -1.91	33.82 1.18 -1.49
NEG CENTRAL___STATE_STREET 24147	27.39 0.05 0.00	25.78 0.05 0.00	24.01 0.07 0.00	22.95 0.00 0.00	23.69 0.07 0.00	25.01 0.05 -0.09	34.12 0.35 -1.73	37.12 0.42 -1.37	32.69 0.34 -1.50	27.63 0.24 -1.08	26.98 0.21 -1.02	28.08 0.29 -1.63	28.96 0.33 -1.00	32.54 0.26 0.00	35.16 0.24 -0.26	37.42 0.36 -0.82	45.35 0.54 -0.21	64.00 0.82 -4.32	68.03 0.73 -6.70	64.91 0.80 -6.71	54.06 0.49 -4.49	42.97 0.39 -3.76	38.72 0.42 -3.13	34.26 0.37 -2.75
NEG MILLWOOD___DRP 24198	28.59 1.26 0.00	26.88 1.16 0.00	24.99 1.05 0.00	23.96 1.01 0.00	24.59 0.97 0.00	25.96 1.09 0.00	33.90 1.86 0.00	37.16 1.84 0.00	32.59 1.73 0.00	27.77 1.45 0.00	27.19 1.44 0.00	27.56 1.39 0.00	29.24 1.49 -0.12	33.74 1.32 -0.14	36.41 1.28 -0.47	37.90 1.34 -0.32	46.66 1.69 -0.36	60.68 1.82 0.00	62.84 2.24 0.00	59.23 1.84 0.00	50.90 1.82 0.00	40.23 1.40 0.00	36.48 1.30 0.00	32.14 1.00 0.00
NEG NORTH_FLCN_SEA 23793	27.28 -0.05 0.00	25.66 -0.08 -0.01	23.84 -0.10 0.00	23.02 0.07 0.00	23.78 0.17 0.00	25.46 0.25 -0.34	35.82 0.29 -3.50	40.95 0.46 -5.17	37.16 0.68 -5.62	31.32 0.95 -4.06	30.66 1.06 -3.85	33.43 1.15 -6.11	32.55 1.16 -3.75	33.89 1.61 0.00	37.55 1.91 -0.99	39.11 2.07 -0.80	47.70 2.63 -0.47	64.70 3.77 -2.07	66.61 4.06 -1.95	64.32 4.07 -2.86	55.46 3.09 -3.28	44.84 2.17 -3.84	40.26 1.76 -3.33	36.35 1.46 -3.75
NEG NORTH_KES_CHATEGAY 23792	27.08 -0.25 0.00	25.48 -0.26 -0.01	23.67 -0.26 0.00	22.81 -0.14 0.00	23.55 -0.07 0.00	25.50 -0.02 -0.66	38.65 -0.19 -6.81	45.24 -0.11 -10.03	41.85 0.09 -10.90	34.54 0.34 -7.88	33.66 0.44 -7.47	38.51 0.50 -11.85	35.38 0.47 -7.28	33.15 0.87 0.00	37.64 1.07 -1.91	38.99 1.20 -1.56	47.07 1.56 -0.91	65.18 2.30 -4.02	66.93 2.55 -3.78	65.58 2.64 -5.55	57.36 1.91 -6.36	47.60 1.32 -7.45	42.65 1.02 -6.45	39.26 0.84 -7.27
NEG NORTH___ALICE_FALLS 23915	27.33 0.00 0.00	25.73 0.00 -0.01	23.91 -0.02 0.00	23.07 0.11 0.00	23.83 0.21 0.00	25.54 0.27 -0.40	36.52 0.38 -4.10	41.90 0.53 -6.05	38.14 0.71 -6.58	32.01 0.95 -4.75	31.31 1.06 -4.50	34.44 1.13 -7.15	33.16 1.13 -4.39	33.86 1.58 0.00	37.72 1.91 -1.15	39.28 2.10 -0.94	47.87 2.72 -0.55	65.17 3.88 -2.43	67.06 4.18 -2.28	64.92 4.19 -3.35	56.11 3.19 -3.84	45.58 2.25 -4.49	40.90 1.83 -3.89	37.05 1.53 -4.39
NEG NORTH___LWR_SARANAC 23913	27.33 0.00 0.00	25.73 0.00 -0.01	23.91 -0.02 0.00	23.07 0.11 0.00	23.83 0.21 0.00	25.54 0.27 -0.40	36.52 0.38 -4.10	41.90 0.53 -6.05	38.14 0.71 -6.58	32.01 0.95 -4.75	31.31 1.06 -4.50	34.44 1.13 -7.15	33.16 1.13 -4.39	33.86 1.58 0.00	37.72 1.91 -1.15	39.28 2.10 -0.94	47.87 2.72 -0.55	65.17 3.88 -2.43	67.06 4.18 -2.28	64.92 4.19 -3.35	56.11 3.19 -3.84	45.58 2.25 -4.49	40.90 1.83 -3.89	37.05 1.53 -4.39
NEG NORTH___PLATTSBURG 23628	27.33 0.00 0.00	25.73 0.00 -0.01	23.91 -0.02 0.00	23.07 0.12 0.00	23.83 0.21 0.00	25.54 0.27 -0.40	36.52 0.39 -4.10	41.90 0.53 -6.05	38.14 0.71 -6.58	32.01 0.95 -4.75	31.31 1.06 -4.50	34.44 1.12 -7.15	33.16 1.13 -4.39	33.86 1.58 0.00	37.71 1.90 -1.15	39.28 2.10 -0.94	47.87 2.72 -0.55	65.17 3.88 -2.43	67.12 4.24 -2.28	64.92 4.19 -3.35	56.11 3.19 -3.84	45.57 2.25 -4.49	40.89 1.83 -3.89	37.05 1.53 -4.39
NEG WEST_LEA_LOCKPORT 23791	26.59 -0.74 0.00	25.44 -0.28 0.00	23.79 -0.14 0.00	22.65 -0.30 0.00	23.34 -0.28 0.00	24.32 -0.55 0.00	31.37 -1.03 -0.35	33.84 -1.48 0.00	29.99 -0.86 0.00	25.69 -0.63 0.00	25.21 -0.54 0.00	25.83 -0.34 0.00	27.44 -0.19 0.00	31.60 -0.68 0.00	33.93 -0.73 0.00	35.69 -0.80 -0.25	43.39 -1.25 -0.03	58.34 -2.06 -1.55	60.71 -2.42 -2.53	57.94 -1.89 -2.44	48.70 -1.87 -1.48	39.02 -0.93 -1.12	35.89 -0.21 -0.92	32.33 0.47 -0.72
NEG WEST___LANCASTR 23811	26.35 -0.98 0.00	25.13 -0.59 0.00	23.50 -0.43 0.00	22.38 -0.57 0.00	23.05 -0.57 0.00	24.02 -0.85 0.00	31.38 -1.03 -0.37	33.49 -1.84 0.00	29.75 -1.11 0.00	25.50 -0.82 0.00	24.98 -0.77 0.00	25.65 -0.52 0.00	27.19 -0.44 0.00	31.28 -1.00 0.00	33.62 -1.04 0.00	35.48 -1.01 -0.26	43.44 -1.20 -0.04	58.61 -1.88 -1.63	61.10 -2.18 -2.68	58.25 -1.72 -2.58	48.94 -1.72 -1.57	38.97 -1.05 -1.19	35.80 -0.35 -0.97	32.31 0.40 -0.76
NEG_PENN_ALLEGHNY 23528	27.52 0.19 0.00	25.93 0.20 0.00	24.13 0.19 0.00	23.07 0.12 0.00	23.79 0.17 0.00	24.99 0.12 0.00	32.90 0.42 -0.44	35.64 0.32 0.00	31.17 0.31 0.00	26.58 0.26 0.00	26.01 0.26 0.00	26.51 0.34 0.00	28.02 0.39 0.00	32.47 0.19 0.00	34.87 0.21 0.00	36.75 0.18 -0.33	45.05 0.40 -0.05	61.50 0.59 -2.05	64.33 0.37 -3.36	61.15 0.52 -3.24	51.35 0.30 -1.97	40.67 0.35 -1.49	36.85 0.46 -1.22	32.53 0.44 -0.96
NEG___GEN_MONROE 24207	27.11 -0.22 0.00	25.75 0.03 0.00	24.03 0.10 0.00	22.88 -0.07 0.00	23.69 0.07 0.00	24.82 -0.05 0.00	32.32 -0.06 -0.35	35.22 -0.11 0.00	30.95 0.09 0.00	26.42 0.11 0.00	25.88 0.13 0.00	26.40 0.24 0.00	27.99 0.36 0.00	32.44 0.16 0.00	34.80 0.14 0.00	36.68 0.22 -0.23	44.68 0.04 -0.03	60.29 0.00 -1.43	62.83 0.23 -2.35	59.88 0.05 -2.26	50.51 0.12 -1.38	39.99 0.12 -1.04	36.45 0.42 -0.85	32.49 0.69 -0.67
NEPA___ENERGY 23901	26.67 -0.66 0.00	25.42 -0.31 0.00	23.77 -0.17 0.00	22.61 -0.34 0.00	23.31 -0.31 0.00	24.29 -0.57 0.00	31.70 -0.70 -0.37	33.95 -1.38 0.00	30.12 -0.74 0.00	25.82 -0.50 0.00	25.31 -0.44 0.00	25.99 -0.18 0.00	27.55 -0.08 0.00	31.66 -0.61 0.00	34.03 -0.62 0.00	35.95 -0.54 -0.26	44.15 -0.49 -0.04	59.54 -0.94 -1.63	62.05 -1.21 -2.67	59.15 -0.80 -2.57	49.71 -0.93 -1.56	39.62 -0.39 -1.18	36.39 0.25 -0.97	32.74 0.84 -0.76

NEVERSINK___HYD 23608	28.20 0.87 0.00	26.50 0.77 0.00	24.60 0.67 0.00	23.59 0.64 0.00	24.23 0.61 0.00	25.59 0.72 0.00	33.42 1.38 0.00	36.74 1.41 0.00	32.15 1.30 0.00	27.40 1.08 0.00	26.78 1.03 0.00	27.14 0.97 0.00	28.77 1.05 -0.08	33.25 0.87 -0.10	35.93 0.94 -0.34	37.48 1.01 -0.23	46.16 1.29 -0.26	60.39 1.53 0.00	62.42 1.82 0.00	58.88 1.49 0.00	50.51 1.42 0.00	40.07 1.24 0.00	36.20 1.02 0.00	31.95 0.81 0.00
NEWKRMKL_115KV_TB1 55635	27.52 0.19 0.00	25.91 0.18 0.00	24.15 0.22 0.00	23.20 0.25 0.00	23.81 0.19 0.00	25.09 0.22 0.00	32.42 0.38 0.00	35.78 0.46 0.00	31.11 0.25 0.00	26.50 0.18 0.00	25.90 0.15 0.00	26.25 0.08 0.00	27.61 0.08 0.11	32.04 -0.10 0.14	34.00 -0.21 0.45	35.68 -0.25 0.31	43.95 -0.31 0.34	58.45 -0.41 0.00	60.30 -0.30 0.00	56.99 -0.40 0.00	48.94 -0.15 0.00	38.60 -0.23 0.00	34.93 -0.25 0.00	30.99 -0.16 0.00
NEWTON___FALLS_HYD 23847	27.52 0.19 0.00	25.91 0.13 -0.05	24.03 0.10 0.00	23.07 0.11 0.00	23.83 0.21 0.00	28.18 0.27 -3.04	63.83 0.32 -31.47	81.83 0.57 -45.94	81.24 0.43 -49.95	62.66 0.26 -36.08	60.17 0.21 -34.21	80.77 0.31 -54.29	61.25 0.28 -33.34	32.79 0.52 0.00	44.08 0.66 -8.76	44.28 0.72 -7.32	49.45 0.67 -4.18	79.59 1.24 -19.50	81.33 1.64 -19.09	86.28 1.78 -27.11	80.58 1.33 -30.17	74.99 1.24 -34.92	66.40 1.02 -30.20	65.68 0.72 -33.82
NGRID_A1_DSASP 323792	26.13 -1.20 0.00	24.96 -0.77 0.00	23.34 -0.60 0.00	22.24 -0.71 0.00	22.91 -0.71 0.00	23.85 -1.02 0.00	30.89 -1.51 -0.35	33.31 -2.01 0.00	29.53 -1.33 0.00	25.32 -1.00 0.00	24.85 -0.90 0.00	25.49 -0.68 0.00	27.05 -0.58 0.00	31.12 -1.16 0.00	33.44 -1.21 0.00	34.93 -1.56 -0.25	42.63 -2.01 -0.03	57.52 -2.88 -1.54	59.61 -3.52 -2.53	57.18 -2.64 -2.43	47.82 -2.75 -1.48	38.32 -1.63 -1.12	35.39 -0.70 -0.92	31.89 0.03 -0.72
NGRID_A2_DSASP 323793	26.13 -1.20 0.00	24.96 -0.77 0.00	23.34 -0.60 0.00	22.24 -0.71 0.00	22.91 -0.71 0.00	23.85 -1.02 0.00	30.89 -1.51 -0.35	33.31 -2.01 0.00	29.53 -1.33 0.00	25.32 -1.00 0.00	24.85 -0.90 0.00	25.49 -0.68 0.00	27.05 -0.58 0.00	31.12 -1.16 0.00	33.44 -1.21 0.00	34.93 -1.56 -0.25	42.63 -2.01 -0.03	57.52 -2.88 -1.54	59.61 -3.52 -2.53	57.18 -2.64 -2.43	47.82 -2.75 -1.48	38.32 -1.63 -1.12	35.39 -0.70 -0.92	31.89 0.03 -0.72
NGRID_A4_DSASP 323807	26.13 -1.20 0.00	24.96 -0.77 0.00	23.34 -0.60 0.00	22.24 -0.71 0.00	22.91 -0.71 0.00	23.85 -1.02 0.00	30.89 -1.51 -0.35	33.31 -2.01 0.00	29.53 -1.33 0.00	25.32 -1.00 0.00	24.85 -0.90 0.00	25.49 -0.68 0.00	27.05 -0.58 0.00	31.12 -1.16 0.00	33.44 -1.21 0.00	34.93 -1.56 -0.25	42.63 -2.01 -0.03	57.52 -2.88 -1.54	59.61 -3.52 -2.53	57.18 -2.64 -2.43	47.82 -2.75 -1.48	38.32 -1.63 -1.12	35.39 -0.70 -0.92	31.89 0.03 -0.72
NIAGARA_115E_LBMP 323715	26.48 -0.85 0.00	25.26 -0.46 0.00	23.62 -0.31 0.00	22.52 -0.44 0.00	23.19 -0.42 0.00	24.17 -0.70 0.00	30.92 -1.47 -0.35	33.35 -1.98 0.00	29.53 -1.33 0.00	25.34 -0.97 0.00	24.85 -0.90 0.00	25.49 -0.68 0.00	27.05 -0.58 0.00	31.15 -1.13 0.00	33.44 -1.21 0.00	34.96 -1.52 -0.25	42.72 -1.92 -0.03	57.52 -2.88 -1.55	59.69 -3.45 -2.54	57.25 -2.58 -2.44	47.87 -2.70 -1.49	38.40 -1.55 -1.13	35.47 -0.63 -0.92	31.65 -0.22 -0.72
NIAGARA_115W_LBMP 323714	26.07 -1.26 0.00	24.90 -0.82 0.00	23.29 -0.65 0.00	22.17 -0.78 0.00	22.86 -0.76 0.00	23.80 -1.07 0.00	30.82 -1.57 -0.35	33.24 -2.08 0.00	29.44 -1.42 0.00	25.26 -1.05 0.00	24.77 -0.98 0.00	25.41 -0.76 0.00	26.97 -0.66 0.00	31.05 -1.23 0.00	33.34 -1.32 0.00	34.82 -1.67 -0.25	42.50 -2.14 -0.03	57.34 -3.06 -1.54	59.42 -3.70 -2.52	57.07 -2.75 -2.43	47.72 -2.85 -1.48	38.24 -1.71 -1.12	35.29 -0.81 -0.92	31.83 -0.03 -0.72
NIAGARA_230_LBMP 323716	26.45 -0.88 0.00	25.26 -0.46 0.00	23.60 -0.34 0.00	22.49 -0.46 0.00	23.19 -0.42 0.00	24.14 -0.72 0.00	31.24 -1.15 -0.35	33.66 -1.66 0.00	29.81 -1.05 0.00	25.58 -0.74 0.00	25.08 -0.67 0.00	25.72 -0.45 0.00	27.27 -0.36 0.00	31.41 -0.87 0.00	33.72 -0.93 0.00	35.25 -1.23 -0.24	43.07 -1.56 -0.03	58.09 -2.30 -1.53	60.26 -2.85 -2.50	57.74 -2.06 -2.41	48.34 -2.21 -1.47	38.70 -1.24 -1.11	35.70 -0.39 -0.91	31.92 0.06 -0.71
NIAGARA___115KV_198_GIBSON 55903	25.99 -1.34 0.00	24.90 -0.82 0.00	23.29 -0.65 0.00	22.17 -0.78 0.00	22.84 -0.78 0.00	23.80 -1.07 0.00	30.82 -1.57 -0.35	33.24 -2.08 0.00	29.47 -1.39 0.00	25.26 -1.05 0.00	24.77 -0.98 0.00	25.41 -0.76 0.00	26.97 -0.66 0.00	31.05 -1.23 0.00	33.34 -1.32 0.00	35.00 -1.49 -0.25	42.50 -2.14 -0.03	57.10 -3.30 -1.54	59.43 -3.70 -2.52	56.72 -3.10 -2.43	47.67 -2.90 -1.48	38.24 -1.71 -1.12	35.18 -0.91 -0.92	32.01 0.16 -0.72
NIAGARA____ 23760	26.45 -0.88 0.00	25.26 -0.46 0.00	23.60 -0.34 0.00	22.49 -0.46 0.00	23.19 -0.42 0.00	24.14 -0.72 0.00	31.24 -1.15 -0.35	33.66 -1.66 0.00	29.81 -1.05 0.00	25.58 -0.74 0.00	25.08 -0.67 0.00	25.72 -0.45 0.00	27.27 -0.36 0.00	31.41 -0.87 0.00	33.72 -0.93 0.00	35.25 -1.23 -0.25	43.07 -1.56 -0.03	58.10 -2.30 -1.54	60.27 -2.85 -2.52	57.75 -2.06 -2.43	48.35 -2.21 -1.48	38.70 -1.24 -1.12	35.71 -0.39 -0.92	31.92 0.06 -0.72
NINE_MILE_1 23575	26.59 -0.74 0.00	25.06 -0.67 0.00	23.31 -0.62 0.00	22.33 -0.62 0.00	23.00 -0.61 0.00	24.22 -0.65 0.00	26.54 -0.74 4.76	34.51 -0.81 0.00	30.15 -0.71 0.00	25.71 -0.60 0.00	25.16 -0.59 0.00	25.59 -0.58 0.00	27.03 -0.61 0.00	31.47 -0.81 0.00	33.76 -0.90 0.00	31.80 -0.90 3.53	42.99 -1.11 0.49	35.39 -1.41 22.06	22.93 -1.51 36.16	21.18 -1.38 34.83	26.68 -1.23 21.18	21.82 -0.97 16.04	21.18 -0.84 13.15	20.12 -0.75 10.28
NINE_MILE_2 23744	26.59 -0.74 0.00	25.06 -0.67 0.00	23.31 -0.62 0.00	22.33 -0.62 0.00	23.00 -0.61 0.00	24.22 -0.65 0.00	26.46 -0.74 4.84	34.51 -0.81 0.00	30.15 -0.71 0.00	25.71 -0.60 0.00	25.16 -0.59 0.00	25.59 -0.58 0.00	27.03 -0.61 0.00	31.47 -0.81 0.00	33.76 -0.90 0.00	31.74 -0.90 3.59	42.99 -1.11 0.50	35.01 -1.41 22.43	22.31 -1.51 36.77	20.59 -1.38 35.42	26.32 -1.23 21.54	21.54 -0.97 16.32	20.96 -0.84 13.37	19.94 -0.75 10.45
NM_CAPITAL___DRP 24208	27.60 0.27 0.00	25.98 0.26 0.00	24.20 0.26 0.00	23.25 0.30 0.00	23.85 0.24 0.00	25.14 0.27 0.00	32.49 0.45 0.00	35.85 0.53 0.00	31.17 0.31 0.00	26.55 0.24 0.00	25.96 0.21 0.00	26.30 0.13 0.00	27.65 0.14 0.12	32.10 -0.03 0.15	33.99 -0.17 0.49	35.68 -0.22 0.34	43.96 -0.27 0.38	58.51 -0.35 0.00	60.36 -0.24 0.00	57.04 -0.34 0.00	49.04 -0.05 0.00	38.67 -0.16 0.00	35.00 -0.18 0.00	31.05 -0.09 0.00
NM_CENTRAL___DRP 24181	27.14 -0.19 0.00	25.55 -0.18 0.00	23.79 -0.14 0.00	22.77 -0.18 0.00	23.45 -0.17 0.00	24.82 -0.17 -0.13	33.96 -0.03 -1.95	37.31 -0.04 -2.02	33.06 0.00 -2.20	27.86 -0.05 -1.59	27.21 -0.05 -1.51	28.59 0.03 -2.39	29.13 0.03 -1.47	32.15 -0.13 0.00	34.80 -0.24 -0.39	36.82 -0.18 -0.76	44.63 -0.22 -0.25	62.22 -0.24 -3.59	65.56 -0.36 -5.32	62.61 -0.29 -5.51	52.74 -0.29 -3.95	42.12 -0.23 -3.52	37.96 -0.18 -2.96	33.78 -0.12 -2.76

NM_FRONTIER___DRP 24179	25.99 -1.34 0.00	24.90 -0.82 0.00	23.29 -0.65 0.00	22.17 -0.78 0.00	22.84 -0.78 0.00	23.80 -1.07 0.00	30.82 -1.57 -0.35	33.24 -2.08 0.00	29.47 -1.39 0.00	25.26 -1.05 0.00	24.77 -0.98 0.00	25.41 -0.76 0.00	26.97 -0.66 0.00	31.05 -1.23 0.00	33.34 -1.32 0.00	35.00 -1.49 -0.25	42.50 -2.14 -0.03	57.10 -3.30 -1.54	59.43 -3.70 -2.52	56.72 -3.10 -2.43	47.67 -2.90 -1.48	38.24 -1.71 -1.12	35.18 -0.91 -0.92	32.01 0.16 -0.72
NM_ST_REGIS___HYD 24053	27.55 0.22 0.00	25.97 0.18 -0.07	24.08 0.14 0.00	23.14 0.18 0.00	23.85 0.24 0.00	29.03 0.27 -3.89	72.26 0.10 -40.13	94.26 0.21 -58.72	94.93 0.22 -63.85	72.70 0.26 -46.12	69.79 0.31 -43.73	95.90 0.34 -69.39	70.58 0.33 -42.62	32.99 0.71 0.00	46.83 0.97 -11.20	46.40 0.94 -9.22	50.95 1.03 -5.32	84.58 1.65 -24.07	85.49 1.88 -23.01	92.65 1.95 -33.31	88.26 1.42 -37.75	83.89 1.05 -44.01	74.19 0.91 -38.10	74.82 0.84 -42.84
NORTHPORT___1 23551	28.15 0.82 0.00	26.27 0.54 0.00	24.39 0.45 0.00	23.44 0.48 0.00	24.02 0.40 0.00	25.49 0.62 0.00	33.26 1.22 0.00	36.74 1.41 0.00	32.52 1.67 0.00	27.84 1.53 0.00	27.48 1.73 0.00	27.82 1.65 0.00	29.48 1.71 -0.14	33.87 1.42 -0.17	35.96 0.76 -0.54	37.08 0.47 -0.37	45.60 0.58 -0.42	59.21 0.36 0.01	61.20 0.61 0.01	57.61 0.23 0.01	49.37 0.30 0.01	39.29 0.47 0.01	35.70 0.53 0.00	31.80 0.66 0.00
NORTHPORT___2 23552	28.15 0.82 0.00	26.27 0.54 0.00	24.39 0.45 0.00	23.44 0.48 0.00	24.02 0.40 0.00	25.49 0.62 0.00	33.26 1.22 0.00	36.74 1.41 0.00	32.52 1.67 0.00	27.84 1.53 0.00	27.48 1.73 0.00	27.82 1.65 0.00	29.48 1.71 -0.14	33.87 1.42 -0.17	35.96 0.76 -0.54	37.08 0.47 -0.37	45.60 0.58 -0.42	59.21 0.36 0.01	61.20 0.61 0.01	57.61 0.23 0.01	49.37 0.30 0.01	39.29 0.47 0.01	35.70 0.53 0.00	31.80 0.66 0.00
NORTHPORT___3 23553	27.85 0.52 0.00	25.98 0.26 0.00	24.15 0.21 0.00	23.18 0.23 0.00	23.76 0.14 0.00	25.21 0.35 0.00	32.87 0.83 0.00	36.31 0.99 0.00	32.12 1.27 0.00	27.50 1.19 0.00	27.14 1.39 0.00	27.48 1.31 0.00	29.15 1.38 -0.14	33.45 1.00 -0.17	35.47 0.28 -0.54	36.61 0.00 -0.37	44.89 -0.13 -0.42	58.32 -0.53 0.01	60.29 -0.30 0.01	56.70 -0.69 0.01	48.64 -0.44 0.01	38.63 -0.19 0.01	35.25 0.07 0.00	31.45 0.31 0.00
NORTHPORT___4 23650	27.85 0.52 0.00	25.98 0.26 0.00	24.15 0.21 0.00	23.18 0.23 0.00	23.76 0.14 0.00	25.21 0.35 0.00	32.87 0.83 0.00	36.31 0.99 0.00	32.12 1.27 0.00	27.50 1.19 0.00	27.14 1.39 0.00	27.48 1.31 0.00	29.15 1.38 -0.14	33.45 1.00 -0.17	35.47 0.28 -0.54	36.61 0.00 -0.37	44.89 -0.13 -0.42	58.32 -0.53 0.01	60.29 -0.30 0.01	56.70 -0.69 0.01	48.64 -0.44 0.01	38.63 -0.19 0.01	35.25 0.07 0.00	31.45 0.31 0.00
NORTHPORT___IC 23718	28.18 0.85 0.00	26.27 0.54 0.00	24.39 0.45 0.00	23.46 0.50 0.00	24.02 0.40 0.00	25.51 0.65 0.00	33.26 1.22 0.00	36.74 1.41 0.00	32.53 1.67 0.00	27.84 1.53 0.00	27.45 1.70 0.00	27.82 1.65 0.00	29.48 1.71 -0.14	33.83 1.39 -0.17	35.96 0.76 -0.54	37.23 0.62 -0.37	45.73 0.71 -0.42	59.32 0.47 0.01	61.38 0.79 0.01	57.78 0.40 0.01	49.42 0.34 0.01	39.29 0.47 0.01	35.95 0.77 0.00	31.73 0.59 0.00
NORTH___COUNTRY_ESR 323785	27.03 -0.30 0.00	25.43 -0.31 -0.01	23.62 -0.31 0.00	22.77 -0.18 0.00	23.50 -0.12 0.00	25.46 -0.07 -0.67	38.63 -0.29 -6.88	45.28 -0.18 -10.13	41.91 0.03 -11.02	34.57 0.29 -7.96	33.71 0.41 -7.55	38.61 0.47 -11.97	35.43 0.44 -7.35	33.09 0.81 0.00	37.63 1.04 -1.93	38.94 1.12 -1.58	46.95 1.43 -0.92	64.98 2.06 -4.06	66.78 2.36 -3.82	65.40 2.41 -5.61	57.23 1.72 -6.43	47.52 1.16 -7.53	42.61 0.91 -6.52	39.24 0.75 -7.35
NPX_GEN_1385_PROXY 323591	28.15 0.82 0.00	26.27 0.54 0.00	24.39 0.45 0.00	23.44 0.48 0.00	24.02 0.40 0.00	27.71 0.62 -2.22	33.25 1.22 0.00	34.52 1.41 2.22	32.52 1.67 0.00	27.84 1.53 0.00	27.48 1.73 0.00	27.82 1.65 0.00	29.48 1.71 -0.14	33.87 1.42 -0.17	35.96 0.76 -0.54	37.08 0.47 -0.37	45.60 0.58 -0.42	59.21 0.36 0.01	61.20 0.61 0.01	57.61 0.23 0.01	49.75 0.30 -0.37	38.91 0.47 0.39	35.70 0.53 0.00	31.80 0.66 0.00
NPX_GEN_CSC 323557	27.77 0.44 0.00	25.86 0.13 0.00	24.03 0.10 0.00	23.14 0.18 0.00	23.69 0.07 0.00	27.39 0.30 -2.22	32.84 0.80 0.00	34.13 1.03 2.22	32.18 1.33 0.00	27.53 1.21 0.00	27.19 1.44 0.00	27.50 1.33 0.00	29.15 1.38 -0.14	33.45 1.00 -0.17	35.58 0.38 -0.54	36.72 0.11 -0.37	45.29 0.27 -0.42	58.91 0.06 0.01	61.02 0.43 0.01	57.38 0.00 0.01	49.50 0.05 -0.37	38.72 0.27 0.39	35.32 0.14 0.00	31.39 0.25 0.00
NSINS_S_GLNS_FALLS 23858	28.86 1.53 0.00	27.09 1.36 0.00	25.32 1.39 0.00	24.31 1.35 0.00	24.97 1.35 0.00	26.28 1.42 0.00	34.06 2.02 0.00	37.62 2.30 0.00	32.37 1.51 0.00	27.50 1.18 0.00	26.68 0.93 0.00	26.98 0.81 0.00	28.33 0.83 0.13	32.98 0.87 0.17	35.05 0.94 0.54	36.34 0.47 0.37	44.90 0.71 0.42	59.98 1.12 0.00	62.42 1.82 0.00	59.11 1.72 0.00	50.71 1.62 0.00	40.03 1.20 0.00	36.16 0.98 0.00	32.73 1.59 0.00
NUCOR_STEEL___DRP 24197	27.41 0.08 0.00	25.83 0.10 0.00	24.03 0.10 0.00	22.98 0.02 0.00	23.71 0.09 0.00	25.03 0.07 -0.09	34.15 0.35 -1.76	37.08 0.35 -1.40	32.69 0.31 -1.52	27.60 0.18 -1.10	26.97 0.18 -1.04	28.08 0.26 -1.65	28.95 0.30 -1.02	32.47 0.19 0.00	35.10 0.17 -0.27	37.36 0.29 -0.84	45.22 0.40 -0.21	63.98 0.71 -4.41	68.05 0.61 -6.84	64.93 0.69 -6.85	54.11 0.44 -4.58	43.05 0.39 -3.83	38.75 0.39 -3.19	34.31 0.37 -2.80
NUMBER_THREE_WT_PWR 323818	27.44 0.11 0.00	25.78 0.03 -0.02	23.93 0.00 0.00	22.93 -0.02 0.00	23.76 0.14 0.00	26.41 0.22 -1.32	46.42 0.51 -13.87	56.23 0.81 -20.09	53.32 0.62 -21.85	42.42 0.32 -15.78	40.95 0.23 -14.96	50.33 0.42 -23.74	42.63 0.42 -14.58	32.79 0.51 0.00	39.04 0.55 -3.83	40.34 0.76 -3.34	47.29 0.85 -1.85	69.77 1.53 -9.39	72.42 2.06 -9.76	72.84 2.24 -13.21	64.87 1.76 -14.02	56.32 1.59 -15.90	50.16 1.26 -13.72	47.02 0.68 -15.19
NYISO_LBMP_REFERENCE 24008	27.33 0.00 0.00	25.73 0.00 0.00	23.93 0.00 0.00	22.95 0.00 0.00	23.62 0.00 0.00	24.87 0.00 0.00	32.04 0.00 0.00	35.32 0.00 0.00	30.86 0.00 0.00	26.32 0.00 0.00	25.75 0.00 0.00	26.17 0.00 0.00	27.63 0.00 0.00	32.28 0.00 0.00	34.66 0.00 0.00	36.24 0.00 0.00	44.60 0.00 0.00	58.86 0.00 0.00	60.60 0.00 0.00	57.39 0.00 0.00	49.09 0.00 0.00	38.83 0.00 0.00	35.18 0.00 0.00	31.14 0.00 0.00
NYPA_BRENTWD____GT 24164	28.31 0.98 0.00	26.39 0.67 0.00	24.53 0.60 0.00	23.57 0.62 0.00	24.14 0.52 0.00	25.66 0.80 0.00	33.48 1.44 0.00	36.98 1.66 0.00	32.77 1.91 0.00	28.03 1.71 0.00	27.66 1.91 0.00	28.00 1.83 0.00	29.70 1.93 -0.14	34.09 1.65 -0.17	36.24 1.04 -0.54	37.44 0.83 -0.37	46.13 1.12 -0.42	59.97 1.12 0.01	62.04 1.45 0.01	58.36 0.97 0.01	50.01 0.93 0.01	39.79 0.97 0.01	36.02 0.84 0.00	32.05 0.90 0.00

NYPA_GOWANUS____GT5 24156	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	47.08 2.05 -0.42	62.03 2.59 -0.59	63.44 2.79 -0.06	60.22 2.18 -0.65	51.66 2.06 -0.51	40.42 1.59 0.00	36.58 1.41 0.00	32.35 1.21 0.00
NYPA_GOWANUS____GT6 24157	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.39 1.78 -0.38	47.08 2.05 -0.42	62.03 2.59 -0.59	63.44 2.79 -0.06	60.22 2.18 -0.65	51.66 2.06 -0.51	40.42 1.59 0.00	36.58 1.41 0.00	32.35 1.21 0.00
NYPA_HARLEM__RVR__GT1 24160	28.65 1.31 -0.01	26.92 1.18 -0.01	24.99 1.05 0.00	23.92 0.96 0.00	24.54 0.92 0.00	25.81 0.94 0.00	33.70 1.66 0.00	37.16 1.84 0.00	32.62 1.76 0.00	27.86 1.55 0.01	27.31 1.57 0.01	27.69 1.52 0.00	29.43 1.66 -0.14	33.93 1.49 -0.17	36.73 1.52 -0.55	38.25 1.63 -0.38	46.94 1.92 -0.42	60.92 2.06 0.00	62.84 2.24 0.00	58.93 1.55 0.01	50.65 1.57 0.01	40.42 1.59 0.00	36.69 1.51 0.00	32.58 1.43 -0.01
NYPA_HARLEM__RVR__GT2 24161	28.65 1.31 -0.01	26.92 1.18 -0.01	24.99 1.05 0.00	23.92 0.96 0.00	24.54 0.92 0.00	25.81 0.94 0.00	33.70 1.66 0.00	37.16 1.84 0.00	32.62 1.76 0.00	27.86 1.55 0.01	27.31 1.57 0.01	27.69 1.52 0.00	29.43 1.66 -0.14	33.93 1.49 -0.17	36.73 1.52 -0.55	38.25 1.63 -0.38	46.94 1.92 -0.42	60.92 2.06 0.00	62.84 2.24 0.00	58.93 1.55 0.01	50.65 1.57 0.01	40.42 1.59 0.00	36.69 1.51 0.00	32.58 1.43 -0.01
NYPA_KENT____GT 24152	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.80 0.85 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.71 1.85 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.03 1.58 -0.17	36.84 1.63 -0.55	38.32 1.70 -0.38	47.04 2.01 -0.42	61.31 2.41 -0.03	63.18 2.54 -0.03	59.37 1.95 -0.03	51.03 1.91 -0.03	40.38 1.55 0.00	36.55 1.37 0.00	32.35 1.21 0.00
NYPA_POUCH1____GT 24155	21.52 1.17 6.99	18.13 0.98 8.57	18.33 0.89 6.49	15.57 0.83 8.21	16.66 0.78 7.74	16.96 0.87 8.77	22.87 1.63 10.80	23.42 1.84 13.74	22.41 1.85 10.30	21.91 1.66 6.07	21.76 1.65 5.64	21.70 1.60 6.06	21.89 1.74 7.49	18.72 1.61 15.17	23.18 1.63 13.10	23.72 1.78 14.30	24.46 2.05 22.20	36.04 2.53 25.35	37.60 2.73 25.73	31.40 2.12 28.11	29.02 2.01 22.08	23.90 1.59 16.52	23.36 1.41 13.22	23.33 1.21 9.03
NYPA_VERNON____GT2 24162	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.80 0.85 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.71 1.85 0.00	27.95 1.63 0.00	27.40 1.65 0.00	27.76 1.60 0.00	29.51 1.74 -0.14	34.03 1.58 -0.17	36.80 1.60 -0.55	38.28 1.67 -0.38	47.04 2.01 -0.42	61.10 2.24 -0.01	63.03 2.43 -0.01	59.18 1.78 -0.01	50.86 1.76 -0.01	40.34 1.51 0.00	36.55 1.37 0.00	32.32 1.18 0.00
NYPA_VERNON____GT3 24163	28.51 1.17 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.80 0.85 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.19 1.87 0.00	32.71 1.85 0.00	27.95 1.63 0.00	27.40 1.65 0.00	27.76 1.60 0.00	29.51 1.74 -0.14	34.03 1.58 -0.17	36.80 1.60 -0.55	38.28 1.67 -0.38	47.04 2.01 -0.42	61.10 2.24 -0.01	63.03 2.43 -0.01	59.18 1.78 -0.01	50.86 1.76 -0.01	40.34 1.51 0.00	36.55 1.37 0.00	32.32 1.18 0.00
NYPA____ASTORIA_CC1 323568	28.48 1.15 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.80 0.85 0.00	24.42 0.80 0.00	25.74 0.87 0.00	33.67 1.63 0.00	37.12 1.80 0.00	32.65 1.79 0.00	27.92 1.61 0.00	27.35 1.60 0.00	27.74 1.57 0.00	29.46 1.69 -0.14	33.96 1.52 -0.17	36.73 1.52 -0.55	38.21 1.59 -0.38	46.94 1.92 -0.42	61.04 2.18 0.00	62.90 2.30 0.00	59.11 1.72 0.00	50.76 1.67 0.00	40.31 1.48 0.00	36.48 1.30 0.00	32.32 1.18 0.00
NYPA____ASTORIA_CC2 323569	28.48 1.15 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.80 0.85 0.00	24.42 0.80 0.00	25.74 0.87 0.00	33.67 1.63 0.00	37.12 1.80 0.00	32.65 1.79 0.00	27.92 1.61 0.00	27.35 1.60 0.00	27.74 1.57 0.00	29.46 1.69 -0.14	33.96 1.52 -0.17	36.73 1.52 -0.55	38.21 1.59 -0.38	46.94 1.92 -0.42	61.04 2.18 0.00	62.90 2.30 0.00	59.11 1.72 0.00	50.76 1.67 0.00	40.31 1.48 0.00	36.48 1.30 0.00	32.32 1.18 0.00
NYPA____HOLTSVILL 23794	28.01 0.68 0.00	26.09 0.36 0.00	24.24 0.31 0.00	23.32 0.37 0.00	23.88 0.26 0.00	25.36 0.50 0.00	33.13 1.09 0.00	36.59 1.27 0.00	32.43 1.57 0.00	27.74 1.42 0.00	27.37 1.62 0.00	27.71 1.54 0.00	29.37 1.60 -0.14	33.74 1.29 -0.17	35.86 0.66 -0.54	36.97 0.36 -0.37	45.56 0.54 -0.42	59.21 0.36 0.01	61.26 0.67 0.01	57.67 0.29 0.01	49.37 0.30 0.01	39.33 0.50 0.01	35.56 0.39 0.00	31.61 0.47 0.00
NYPA____HELLGATE_GT1 24158	28.65 1.31 -0.01	26.92 1.18 -0.01	24.99 1.05 0.00	23.92 0.96 0.00	24.54 0.92 0.00	25.81 0.94 0.00	33.70 1.66 0.00	37.16 1.84 0.00	32.62 1.76 0.00	27.86 1.55 0.01	27.31 1.57 0.01	27.69 1.52 0.00	29.43 1.66 -0.14	33.93 1.49 -0.17	36.73 1.52 -0.55	38.25 1.63 -0.38	46.94 1.92 -0.42	60.92 2.06 0.00	62.84 2.24 0.00	58.93 1.55 0.01	50.65 1.57 0.01	40.42 1.59 0.00	36.69 1.51 0.00	32.58 1.43 -0.01
NYPA____HELLGATE_GT2 24159	28.65 1.31 -0.01	26.92 1.18 -0.01	24.99 1.05 0.00	23.92 0.96 0.00	24.54 0.92 0.00	25.81 0.94 0.00	33.70 1.66 0.00	37.16 1.84 0.00	32.62 1.76 0.00	27.86 1.55 0.01	27.31 1.57 0.01	27.69 1.52 0.00	29.43 1.66 -0.14	33.93 1.49 -0.17	36.73 1.52 -0.55	38.25 1.63 -0.38	46.94 1.92 -0.42	60.92 2.06 0.00	62.84 2.24 0.00	58.93 1.55 0.01	50.65 1.57 0.01	40.42 1.59 0.00	36.69 1.51 0.00	32.58 1.43 -0.01
NYS_BARGE____HYD 23848	26.70 -0.63 0.00	25.47 -0.26 0.00	23.82 -0.12 0.00	22.68 -0.27 0.00	23.38 -0.24 0.00	24.37 -0.50 0.00	31.37 -1.03 -0.35	33.84 -1.48 0.00	29.96 -0.90 0.00	25.71 -0.60 0.00	25.21 -0.54 0.00	25.83 -0.34 0.00	27.44 -0.19 0.00	31.60 -0.68 0.00	33.93 -0.73 0.00	35.54 -0.94 -0.25	43.44 -1.20 -0.03	58.57 -1.83 -1.54	60.76 -2.36 -2.52	58.21 -1.61 -2.43	48.70 -1.87 -1.48	39.02 -0.93 -1.12	35.99 -0.11 -0.92	32.11 0.25 -0.72
OAK ORCHARD____HYD 24046	27.08 -0.25 0.00	25.65 -0.08 0.00	23.96 0.02 0.00	22.84 -0.11 0.00	23.60 -0.02 0.00	24.72 -0.15 0.00	32.29 -0.10 -0.35	35.22 -0.11 0.00	30.92 0.06 0.00	26.42 0.11 0.00	25.91 0.16 0.00	26.43 0.26 0.00	28.02 0.39 0.00	32.51 0.23 0.00	34.87 0.21 0.00	36.76 0.29 -0.23	44.90 0.27 -0.03	60.64 0.36 -1.43	63.06 0.12 -2.34	60.10 0.46 -2.26	50.56 0.10 -1.37	39.99 0.12 -1.04	36.45 0.42 -0.85	32.24 0.44 -0.67

OAKDALE___35_KV_LOAD 356122	27.39 0.05 0.00	25.83 0.10 0.00	24.05 0.12 0.00	23.00 0.05 0.00	23.69 0.07 0.00	24.89 0.02 0.00	32.73 0.26 -0.44	35.46 0.14 0.00	31.04 0.19 0.00	26.45 0.13 0.00	25.88 0.13 0.00	26.38 0.21 0.00	27.88 0.25 0.00	32.31 0.03 0.00	34.69 0.03 0.00	36.60 0.04 -0.33	44.83 0.18 -0.05	61.07 0.18 -2.03	63.99 0.06 -3.33	60.71 0.11 -3.21	51.08 0.05 -1.95	40.46 0.16 -1.48	36.67 0.28 -1.21	32.43 0.34 -0.95
OCC_CHEM___DRP 24175	26.05 -1.28 0.00	24.95 -0.77 0.00	23.34 -0.60 0.00	22.22 -0.73 0.00	22.91 -0.71 0.00	23.85 -1.02 0.00	30.89 -1.51 -0.35	33.31 -2.01 0.00	29.56 -1.30 0.00	25.32 -1.00 0.00	24.85 -0.90 0.00	25.49 -0.68 0.00	27.05 -0.58 0.00	31.12 -1.16 0.00	33.44 -1.21 0.00	35.11 -1.38 -0.25	42.63 -2.01 -0.03	57.28 -3.12 -1.54	59.55 -3.58 -2.53	56.90 -2.93 -2.43	47.82 -2.75 -1.48	38.32 -1.63 -1.12	35.28 -0.81 -0.92	32.08 0.22 -0.72
OH_GEN_PROXY 24063	26.48 -0.85 0.00	25.26 -0.46 0.00	23.62 -0.31 0.00	22.49 -0.46 0.00	23.19 -0.42 0.00	26.39 -0.70 -2.22	31.30 -1.09 -0.35	31.51 -1.59 2.22	29.84 -1.02 0.00	25.58 -0.74 0.00	25.11 -0.64 0.00	25.72 -0.45 0.00	27.30 -0.33 0.00	31.44 -0.84 0.00	33.76 -0.90 0.00	35.29 -1.19 -0.24	43.17 -1.47 -0.03	58.21 -2.18 -1.52	60.37 -2.73 -2.50	57.90 -1.89 -2.40	48.82 -2.11 -1.84	38.40 -1.16 -0.73	35.73 -0.35 -0.91	31.91 0.06 -0.71
OLIN_CORP_DRP 24177	26.43 -0.90 0.00	25.29 -0.44 0.00	23.65 -0.29 0.00	22.52 -0.44 0.00	23.22 -0.40 0.00	24.17 -0.70 0.00	31.02 -1.38 -0.36	33.42 -1.91 0.00	29.66 -1.20 0.00	25.40 -0.92 0.00	24.93 -0.82 0.00	25.54 -0.63 0.00	27.14 -0.50 0.00	31.21 -1.07 0.00	33.55 -1.11 0.00	35.25 -1.23 -0.25	42.81 -1.83 -0.03	57.47 -2.94 -1.55	59.81 -3.33 -2.54	57.08 -2.75 -2.45	47.97 -2.60 -1.49	38.52 -1.44 -1.13	35.43 -0.67 -0.92	31.93 0.06 -0.72
OLIN_CORP_DSASP 323712	26.13 -1.20 0.00	24.96 -0.77 0.00	23.34 -0.60 0.00	22.24 -0.71 0.00	22.91 -0.71 0.00	23.85 -1.02 0.00	30.89 -1.51 -0.35	33.31 -2.01 0.00	29.53 -1.33 0.00	25.32 -1.00 0.00	24.85 -0.90 0.00	25.49 -0.68 0.00	27.05 -0.58 0.00	31.12 -1.16 0.00	33.44 -1.21 0.00	34.93 -1.56 -0.25	42.63 -2.01 -0.03	57.52 -2.88 -1.54	59.61 -3.52 -2.53	57.18 -2.64 -2.43	47.82 -2.75 -1.48	38.32 -1.63 -1.12	35.39 -0.70 -0.92	31.89 0.03 -0.72
ONEIDA_HERK_LFGE 323681	27.63 0.30 0.00	25.97 0.23 -0.01	24.15 0.21 0.00	23.14 0.18 0.00	23.90 0.28 0.00	25.85 0.37 -0.61	39.21 0.70 -6.46	45.56 0.95 -9.28	41.72 0.77 -10.09	34.11 0.50 -7.29	33.10 0.44 -6.91	37.66 0.52 -10.97	34.89 0.52 -6.74	32.86 0.58 0.00	37.02 0.59 -1.77	38.58 0.76 -1.58	46.40 0.94 -0.86	64.93 1.47 -4.60	67.36 1.82 -4.94	65.80 1.89 -6.52	57.39 1.57 -6.73	47.69 1.32 -7.54	42.73 1.05 -6.50	38.91 0.62 -7.14
ONEIDA___115KV_TB4 55905	27.80 0.46 0.00	26.12 0.39 0.00	24.29 0.36 0.00	23.27 0.32 0.00	24.04 0.43 0.00	25.62 0.50 -0.26	35.97 0.93 -3.00	40.43 1.13 -3.97	36.10 0.93 -4.32	30.10 0.66 -3.12	29.30 0.59 -2.96	31.49 0.63 -4.69	31.18 0.66 -2.88	32.96 0.68 0.00	36.07 0.66 -0.76	37.93 0.83 -0.86	46.11 1.12 -0.39	63.52 1.59 -3.08	66.35 1.82 -3.93	63.76 1.84 -4.54	54.55 1.52 -3.94	44.10 1.24 -4.03	39.63 1.02 -3.44	35.40 0.69 -3.57
ONONDAGA_REF_OCCRA 23987	27.22 -0.11 0.00	25.63 -0.10 0.00	23.84 -0.10 0.00	22.81 -0.14 0.00	23.52 -0.09 0.00	24.86 -0.12 -0.11	33.95 0.06 -1.84	37.15 0.07 -1.75	32.83 0.06 -1.91	27.72 0.03 -1.38	27.08 0.03 -1.31	28.32 0.08 -2.07	28.99 0.08 -1.27	32.21 -0.06 0.00	34.85 -0.14 -0.33	36.94 -0.07 -0.77	44.79 -0.04 -0.23	62.72 0.06 -3.81	66.29 -0.06 -5.75	63.26 0.00 -5.87	53.08 -0.10 -4.09	42.35 -0.04 -3.56	38.12 -0.04 -2.98	33.86 0.00 -2.71
ONONDAGA___COGEN 23986	27.25 -0.08 0.00	25.65 -0.08 0.00	23.86 -0.07 0.00	22.84 -0.11 0.00	23.55 -0.07 0.00	24.88 -0.10 -0.11	34.13 0.10 -1.99	37.04 0.07 -1.64	32.74 0.09 -1.79	27.64 0.03 -1.29	27.00 0.03 -1.23	28.19 0.08 -1.94	28.94 0.11 -1.19	32.25 -0.03 0.00	34.90 -0.07 -0.31	37.16 0.00 -0.92	44.84 0.00 -0.24	63.82 0.18 -4.78	68.05 0.06 -7.39	64.93 0.11 -7.42	54.08 0.00 -5.00	43.04 0.00 -4.21	38.72 0.04 -3.51	34.31 0.06 -3.11
ONTARIO___LFGE 23819	27.71 0.38 0.00	26.14 0.41 0.00	24.34 0.41 0.00	23.23 0.28 0.00	24.02 0.40 0.00	25.24 0.37 0.00	33.60 0.90 -0.66	36.81 1.48 0.00	32.06 1.20 0.00	27.21 0.90 0.00	26.57 0.82 0.00	27.16 0.99 0.00	28.74 1.11 0.00	33.34 1.06 0.00	35.80 1.14 0.00	38.16 1.41 -0.51	46.55 1.87 -0.07	64.01 1.94 -3.21	67.74 1.88 -5.26	64.52 2.06 -5.06	53.49 1.33 -3.08	42.17 1.01 -2.33	38.35 1.26 -1.91	33.73 1.09 -1.49
ORANGEVILLE_WT_PWR 323706	26.37 -0.96 0.00	25.06 -0.67 0.00	23.38 -0.55 0.00	22.29 -0.67 0.00	22.98 -0.64 0.00	23.99 -0.87 0.00	31.31 -1.12 -0.39	33.73 -1.59 0.00	29.69 -1.17 0.00	25.42 -0.89 0.00	24.85 -0.90 0.00	25.46 -0.71 0.00	27.14 -0.50 0.00	31.37 -0.90 0.00	33.72 -0.93 0.00	35.47 -1.05 -0.28	43.57 -1.07 -0.04	59.33 -1.30 -1.77	62.04 -1.45 -2.89	59.55 -0.63 -2.79	49.75 -1.03 -1.70	39.61 -0.51 -1.28	36.30 0.07 -1.05	32.28 0.31 -0.82
ORANGEVILLE___ESR 323794	26.37 -0.96 0.00	25.06 -0.67 0.00	23.38 -0.55 0.00	22.29 -0.67 0.00	22.98 -0.64 0.00	23.99 -0.87 0.00	31.31 -1.12 -0.39	33.73 -1.59 0.00	29.69 -1.17 0.00	25.42 -0.89 0.00	24.85 -0.90 0.00	25.46 -0.71 0.00	27.14 -0.50 0.00	31.37 -0.90 0.00	33.72 -0.93 0.00	35.47 -1.05 -0.28	43.57 -1.07 -0.04	59.33 -1.30 -1.77	62.04 -1.45 -2.89	59.55 -0.63 -2.79	49.75 -1.03 -1.70	39.61 -0.51 -1.28	36.30 0.07 -1.05	32.28 0.31 -0.82
OSWEGATCHIE___HYD 24044	27.52 0.19 0.00	25.91 0.13 -0.05	24.03 0.10 0.00	23.07 0.12 0.00	23.83 0.21 0.00	28.18 0.27 -3.04	63.83 0.32 -31.47	81.83 0.56 -45.94	81.24 0.43 -49.95	62.66 0.26 -36.08	60.17 0.21 -34.21	80.77 0.32 -54.29	61.25 0.28 -33.34	32.79 0.51 0.00	44.07 0.66 -8.76	44.28 0.72 -7.32	49.45 0.67 -4.18	79.60 1.24 -19.50	81.33 1.64 -19.09	86.28 1.78 -27.11	80.58 1.33 -30.17	74.99 1.24 -34.92	66.40 1.02 -30.20	65.65 0.68 -33.82
OSWEGO___5 23606	26.78 -0.55 0.00	25.24 -0.49 0.00	23.50 -0.43 0.00	22.49 -0.46 0.00	23.17 -0.45 0.00	24.39 -0.47 0.00	34.09 -0.48 -2.53	34.76 -0.57 0.00	30.40 -0.46 0.00	25.90 -0.42 0.00	25.34 -0.41 0.00	25.78 -0.39 0.00	27.25 -0.39 0.00	31.70 -0.58 0.00	34.03 -0.62 0.00	37.47 -0.65 -1.89	44.07 -0.80 -0.26	69.64 -1.00 -11.78	78.82 -1.09 -19.31	75.01 -0.98 -18.60	59.51 -0.88 -11.31	46.70 -0.70 -8.57	41.60 -0.60 -7.02	36.13 -0.50 -5.49
OSWEGO___6 23613	26.78 -0.55 0.00	25.24 -0.49 0.00	23.50 -0.43 0.00	22.49 -0.46 0.00	23.17 -0.45 0.00	24.39 -0.47 0.00	34.09 -0.48 -2.53	34.76 -0.57 0.00	30.40 -0.46 0.00	25.90 -0.42 0.00	25.34 -0.41 0.00	25.78 -0.39 0.00	27.25 -0.39 0.00	31.70 -0.58 0.00	34.03 -0.62 0.00	37.47 -0.65 -1.89	44.07 -0.80 -0.26	69.64 -1.00 -11.78	78.82 -1.09 -19.31	75.01 -0.98 -18.60	59.51 -0.88 -11.31	46.70 -0.70 -8.57	41.60 -0.60 -7.02	36.13 -0.50 -5.49

OUTOKUMPU-AB___DRP 24206	26.57 -0.77 0.00	25.42 -0.31 0.00	23.79 -0.14 0.00	22.63 -0.32 0.00	23.34 -0.28 0.00	24.32 -0.55 0.00	31.50 -0.90 -0.36	34.02 -1.31 0.00	30.21 -0.65 0.00	25.90 -0.42 0.00	25.39 -0.36 0.00	26.04 -0.13 0.00	27.69 0.06 0.00	31.86 -0.42 0.00	34.21 -0.45 0.00	36.02 -0.47 -0.25	43.79 -0.85 -0.03	58.89 -1.53 -1.56	61.22 -1.94 -2.56	58.47 -1.38 -2.46	49.11 -1.47 -1.50	39.30 -0.66 -1.13	36.11 0.00 -0.93	32.62 0.75 -0.73
OXBOW___BTM 323836	26.43 -0.90 0.00	25.24 -0.49 0.00	23.60 -0.34 0.00	22.47 -0.48 0.00	23.15 -0.47 0.00	24.12 -0.75 0.00	31.24 -1.15 -0.35	33.73 -1.59 0.00	29.90 -0.96 0.00	25.66 -0.66 0.00	25.16 -0.59 0.00	25.83 -0.34 0.00	27.41 -0.22 0.00	31.57 -0.71 0.00	33.89 -0.76 0.00	35.47 -1.01 -0.25	43.30 -1.34 -0.03	58.41 -2.00 -1.55	60.60 -2.54 -2.54	58.12 -1.72 -2.45	48.56 -2.01 -1.49	38.87 -1.09 -1.13	35.85 -0.24 -0.92	32.18 0.31 -0.72
OXBOW___ 24026	26.35 -0.98 0.00	25.21 -0.51 0.00	23.60 -0.34 0.00	22.47 -0.48 0.00	23.15 -0.47 0.00	24.12 -0.75 0.00	31.24 -1.15 -0.35	33.73 -1.59 0.00	29.93 -0.93 0.00	25.66 -0.66 0.00	25.18 -0.57 0.00	25.83 -0.34 0.00	27.44 -0.19 0.00	31.57 -0.71 0.00	33.89 -0.76 0.00	35.62 -0.87 -0.25	43.30 -1.34 -0.03	58.23 -2.18 -1.55	60.54 -2.61 -2.54	57.77 -2.07 -2.45	48.56 -2.01 -1.49	38.87 -1.09 -1.13	35.75 -0.35 -0.92	32.39 0.53 -0.72
OXY_CHEM_DSASP 323612	26.05 -1.28 0.00	24.95 -0.77 0.00	23.34 -0.60 0.00	22.22 -0.73 0.00	22.91 -0.71 0.00	23.85 -1.02 0.00	30.89 -1.51 -0.35	33.31 -2.01 0.00	29.56 -1.30 0.00	25.32 -1.00 0.00	24.85 -0.90 0.00	25.49 -0.68 0.00	27.05 -0.58 0.00	31.12 -1.16 0.00	33.44 -1.21 0.00	35.11 -1.38 -0.25	42.63 -2.01 -0.03	57.28 -3.12 -1.54	59.55 -3.58 -2.53	56.90 -2.93 -2.43	47.82 -2.75 -1.48	38.32 -1.63 -1.12	35.28 -0.81 -0.92	32.08 0.22 -0.72
OZONE_PARK_ESR 323760	28.67 1.34 0.00	26.86 1.13 0.00	24.96 1.03 0.00	23.92 0.96 0.00	24.56 0.94 0.00	25.94 1.07 0.00	33.96 1.92 0.00	37.51 2.19 0.00	32.96 2.10 0.00	28.16 1.84 0.00	27.60 1.85 0.00	27.97 1.81 0.00	29.70 1.93 -0.14	34.29 1.84 -0.17	37.04 1.84 -0.55	38.54 1.92 -0.38	47.39 2.36 -0.42	61.51 2.65 0.00	63.45 2.85 0.00	59.63 2.24 0.00	51.20 2.11 0.00	40.65 1.83 0.00	36.83 1.65 0.00	32.42 1.28 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	26.05 -1.28 0.00	24.95 -0.77 0.00	23.34 -0.60 0.00	22.22 -0.73 0.00	22.91 -0.71 0.00	23.85 -1.02 0.00	30.89 -1.51 -0.35	33.31 -2.01 0.00	29.56 -1.30 0.00	25.32 -1.00 0.00	24.85 -0.90 0.00	25.49 -0.68 0.00	27.05 -0.58 0.00	31.12 -1.16 0.00	33.44 -1.21 0.00	35.11 -1.38 -0.25	42.63 -2.01 -0.03	57.28 -3.12 -1.54	59.55 -3.58 -2.53	56.90 -2.93 -2.43	47.82 -2.75 -1.48	38.32 -1.63 -1.12	35.28 -0.81 -0.92	32.08 0.22 -0.72
PACKARD__115KV_DUPONT_184 80571	26.05 -1.28 0.00	24.95 -0.77 0.00	23.34 -0.60 0.00	22.22 -0.73 0.00	22.91 -0.71 0.00	23.85 -1.02 0.00	30.89 -1.51 -0.35	33.31 -2.01 0.00	29.56 -1.30 0.00	25.32 -1.00 0.00	24.85 -0.90 0.00	25.49 -0.68 0.00	27.05 -0.58 0.00	31.12 -1.16 0.00	33.44 -1.21 0.00	35.11 -1.38 -0.25	42.63 -2.01 -0.03	57.28 -3.12 -1.54	59.55 -3.58 -2.53	56.90 -2.93 -2.43	47.82 -2.75 -1.48	38.32 -1.63 -1.12	35.28 -0.81 -0.92	32.08 0.22 -0.72
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	28.62 1.28 0.00	26.83 1.11 0.00	24.94 1.01 0.00	23.87 0.92 0.00	24.49 0.87 0.00	25.76 0.90 0.00	33.64 1.60 0.00	37.09 1.77 0.00	32.53 1.67 0.00	27.82 1.50 0.00	27.24 1.49 0.00	27.63 1.47 0.00	29.35 1.58 -0.14	33.87 1.42 -0.17	36.63 1.42 -0.55	38.18 1.56 -0.38	46.72 1.69 -0.42	60.80 1.94 0.00	62.78 2.18 0.00	59.00 1.61 0.00	50.61 1.52 0.00	40.31 1.48 0.00	36.62 1.44 0.00	32.33 1.18 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	28.86 1.53 0.00	27.06 1.34 0.00	25.18 1.24 0.00	24.08 1.12 0.00	24.71 1.09 0.00	25.98 1.12 0.00	33.93 1.89 0.00	37.41 2.08 0.00	32.80 1.94 0.00	28.03 1.71 0.00	27.45 1.70 0.00	27.82 1.65 0.00	29.57 1.80 -0.14	34.12 1.68 -0.17	36.90 1.70 -0.55	38.47 1.85 -0.38	47.08 2.05 -0.42	61.27 2.41 0.00	63.27 2.67 0.00	59.46 2.07 0.00	51.05 1.96 0.00	40.65 1.83 0.00	36.93 1.76 0.00	32.61 1.46 -0.01
PATROON__115KV_TB1 80586	27.60 0.27 0.00	25.98 0.26 0.00	24.22 0.29 0.00	23.25 0.30 0.00	23.88 0.26 0.00	25.16 0.30 0.00	32.52 0.48 0.00	35.89 0.57 0.00	31.20 0.34 0.00	26.58 0.26 0.00	25.96 0.21 0.00	26.33 0.16 0.00	27.69 0.17 0.11	32.14 0.00 0.14	34.06 -0.14 0.46	35.77 -0.14 0.32	44.07 -0.18 0.36	58.62 -0.24 0.00	60.48 -0.12 0.00	57.16 -0.23 0.00	49.13 0.05 0.00	38.75 -0.08 0.00	35.03 -0.14 0.00	31.08 -0.06 0.00
PATTRSNVILLE___SOLAR 323815	28.18 0.85 0.00	26.50 0.77 0.00	24.70 0.77 0.00	23.69 0.73 0.00	24.35 0.73 0.00	25.69 0.82 0.00	33.29 1.25 0.00	36.59 1.27 0.00	31.60 0.74 0.00	26.79 0.47 0.00	26.03 0.28 0.00	26.35 0.18 0.00	27.73 0.19 0.10	32.25 0.10 0.12	34.44 0.17 0.39	36.33 0.36 0.27	44.97 0.67 0.30	59.92 1.06 0.00	62.11 1.52 0.00	58.82 1.44 0.00	50.46 1.37 0.00	39.84 1.01 0.00	36.06 0.88 0.00	31.95 0.81 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	26.51 -0.82 0.00	25.29 -0.44 0.00	23.65 -0.29 0.00	22.52 -0.44 0.00	23.19 -0.43 0.00	24.19 -0.67 0.00	31.54 -0.87 -0.37	33.80 -1.52 0.00	30.03 -0.83 0.00	25.74 -0.58 0.00	25.21 -0.54 0.00	25.88 -0.29 0.00	27.50 -0.14 0.00	31.60 -0.68 0.00	33.96 -0.69 0.00	35.84 -0.65 -0.26	43.79 -0.85 -0.04	59.06 -1.41 -1.61	61.49 -1.76 -2.65	58.62 -1.32 -2.55	49.26 -1.37 -1.55	39.27 -0.74 -1.17	36.07 -0.07 -0.96	32.49 0.59 -0.75
PAWLING_115_KV_BK3_REV_LBMP_H 345028	28.59 1.26 0.00	26.88 1.16 0.00	24.99 1.05 0.00	23.96 1.01 0.00	24.59 0.97 0.00	25.96 1.09 0.00	33.90 1.86 0.00	37.16 1.84 0.00	32.59 1.73 0.00	27.77 1.45 0.00	27.19 1.44 0.00	27.56 1.39 0.00	29.24 1.49 -0.12	33.74 1.32 -0.14	36.41 1.28 -0.47	37.90 1.34 -0.32	46.66 1.69 -0.36	60.68 1.82 0.00	62.84 2.24 0.00	59.23 1.84 0.00	50.90 1.82 0.00	40.23 1.40 0.00	36.48 1.30 0.00	32.14 1.00 0.00
PEEKSKILL___ 23653	28.31 0.98 0.00	26.57 0.85 0.00	24.70 0.77 0.00	23.69 0.73 0.00	24.30 0.69 0.00	25.66 0.80 0.00	33.51 1.47 0.00	36.88 1.55 0.00	32.34 1.48 0.00	27.63 1.32 0.00	27.06 1.31 0.00	27.45 1.28 0.00	29.12 1.35 -0.13	33.60 1.16 -0.17	36.30 1.11 -0.54	37.70 1.09 -0.37	46.40 1.38 -0.42	60.27 1.41 0.00	62.24 1.64 0.00	58.54 1.15 0.00	50.36 1.27 0.00	39.92 1.09 0.00	36.16 0.98 0.00	31.95 0.81 0.00
PGE MADISON___WINDPWR 24146	28.37 1.04 0.00	26.60 0.87 0.00	24.72 0.79 0.00	23.64 0.69 0.00	24.61 0.99 0.00	26.01 1.14 0.00	34.56 2.08 -0.44	37.80 2.47 0.00	32.96 2.10 0.00	27.77 1.45 0.00	27.04 1.29 0.00	27.56 1.39 0.00	29.07 1.44 0.00	33.86 1.58 0.00	36.29 1.63 0.00	38.71 2.14 -0.33	47.68 3.03 -0.05	65.40 4.47 -2.06	68.95 4.97 -3.38	65.64 4.99 -3.26	55.09 4.03 -1.98	43.59 3.26 -1.50	39.18 2.78 -1.23	33.94 1.84 -0.96

PIERCEFIELD___HYD 23852	27.55 0.22 0.00	25.98 0.18 -0.08	24.08 0.14 0.00	23.14 0.18 0.00	23.85 0.24 0.00	29.62 0.27 -4.48	78.25 0.03 -46.18	103.05 0.14 -67.58	104.47 0.12 -73.48	79.50 0.11 -53.08	76.21 0.13 -50.33	106.19 0.16 -79.86	76.82 0.14 -49.04	32.76 0.48 0.00	48.27 0.73 -12.89	47.49 0.65 -10.60	51.31 0.58 -6.12	87.60 1.06 -27.68	88.31 1.27 -26.44	97.06 1.38 -38.30	93.48 0.98 -43.42	90.24 0.78 -50.63	79.71 0.70 -43.83	81.09 0.65 -49.29
PINELAWN_CC_1 323563	28.20 0.87 0.00	26.32 0.59 0.00	24.46 0.53 0.00	23.48 0.53 0.00	24.07 0.45 0.00	25.56 0.70 0.00	33.32 1.28 0.00	36.77 1.45 0.00	32.55 1.70 0.00	27.84 1.53 0.00	27.48 1.73 0.00	27.82 1.65 0.00	29.51 1.74 -0.14	33.87 1.42 -0.17	36.03 0.83 -0.54	37.30 0.69 -0.37	45.56 0.54 -0.42	58.85 0.00 0.01	60.90 0.30 0.01	57.27 -0.11 0.01	49.37 0.30 0.01	39.60 0.78 0.01	35.84 0.67 0.00	31.86 0.72 0.00
PJM_GEN_HTTP_PROXY 323702	28.42 1.09 0.00	26.68 0.95 0.00	24.79 0.86 0.00	23.76 0.80 0.00	24.40 0.78 0.00	27.98 0.89 -2.22	33.70 1.66 0.00	34.94 1.84 2.22	32.65 1.79 0.00	27.90 1.58 0.00	27.35 1.60 0.00	27.71 1.54 0.00	29.43 1.66 -0.14	33.96 1.52 -0.17	36.70 1.49 -0.55	38.10 1.49 -0.38	46.86 1.83 -0.42	60.74 1.88 0.00	62.66 2.06 0.00	58.94 1.55 0.00	51.03 1.57 -0.38	39.85 1.40 0.38	36.41 1.23 0.00	32.20 1.06 0.00
PJM_GEN_KEystone 24065	26.84 0.00 0.49	25.20 0.08 0.60	23.60 0.12 0.45	22.40 0.02 0.58	23.10 0.02 0.54	26.40 -0.07 -1.61	31.75 0.13 0.42	31.84 -0.18 3.31	30.20 0.06 0.72	26.05 0.16 0.42	25.54 0.18 0.39	26.03 0.29 0.42	27.50 0.33 0.47	31.22 -0.06 0.99	33.87 -0.10 0.69	35.37 -0.18 0.69	43.16 -0.09 1.36	57.69 -0.35 0.81	59.89 -0.49 0.23	56.54 -0.40 0.45	48.45 -0.39 0.25	37.88 -0.12 0.84	35.07 0.25 0.35	31.30 0.34 0.18
PJM_GEN_NEPTUNE_PROXY 323594	28.01 0.68 0.00	26.14 0.41 0.00	24.29 0.36 0.00	23.34 0.39 0.00	23.90 0.28 0.00	27.59 0.50 -2.22	33.06 1.02 0.00	34.27 1.16 2.22	32.28 1.42 0.00	27.63 1.32 0.00	27.24 1.49 0.00	27.61 1.44 0.00	29.29 1.52 -0.14	33.61 1.16 -0.17	35.82 0.62 -0.54	37.15 0.54 -0.37	45.69 0.67 -0.42	59.32 0.47 0.01	61.26 0.67 0.01	57.61 0.23 0.01	49.90 0.44 -0.37	38.91 0.47 0.39	35.56 0.39 0.00	31.64 0.50 0.00
PJM_GEN_VFT_PROXY 323633	21.32 0.98 6.99	17.97 0.82 8.58	18.18 0.74 6.50	15.42 0.69 8.22	16.53 0.66 7.75	19.08 0.77 6.56	22.74 1.51 10.81	21.07 1.70 15.95	22.23 1.67 10.29	21.73 1.47 6.06	21.61 1.49 5.63	21.55 1.44 6.06	21.70 1.55 7.48	18.50 1.39 15.17	22.91 1.35 13.10	23.29 1.34 14.29	24.05 1.65 22.20	35.09 1.59 25.36	36.62 1.76 25.74	30.53 1.26 28.12	28.70 1.33 21.71	23.16 1.24 16.91	23.04 1.09 13.23	23.04 0.93 9.03
PLATSBURG_115KV_PMLD1 355749	27.25 -0.08 0.00	25.66 -0.08 -0.01	23.84 -0.10 0.00	23.02 0.07 0.00	23.76 0.14 0.00	25.43 0.22 -0.34	35.82 0.29 -3.50	40.95 0.46 -5.17	37.13 0.65 -5.62	31.30 0.92 -4.06	30.66 1.06 -3.85	33.40 1.13 -6.11	32.52 1.13 -3.75	33.86 1.58 0.00	37.51 1.87 -0.99	39.11 2.07 -0.80	47.66 2.59 -0.47	64.64 3.71 -2.07	66.55 4.00 -1.95	64.27 4.02 -2.86	55.41 3.04 -3.28	44.84 2.17 -3.84	40.22 1.72 -3.33	36.35 1.46 -3.75
PLEASANTVLY___LBMP 24000	28.18 0.85 0.00	26.45 0.72 0.00	24.60 0.67 0.00	23.60 0.64 0.00	24.21 0.59 0.00	25.54 0.67 0.00	33.29 1.25 0.00	36.67 1.34 0.00	32.09 1.23 0.00	27.40 1.08 0.00	26.83 1.08 0.00	27.22 1.05 0.00	28.89 1.11 -0.15	33.37 0.90 -0.19	36.11 0.83 -0.62	37.50 0.83 -0.43	46.11 1.03 -0.48	59.92 1.06 0.00	61.75 1.15 0.00	58.25 0.86 0.00	50.07 0.98 0.00	39.61 0.78 0.00	35.88 0.70 0.00	31.70 0.56 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	28.34 1.01 0.00	26.60 0.87 0.00	24.75 0.81 0.00	23.71 0.76 0.00	24.35 0.73 0.00	25.71 0.85 0.00	33.54 1.51 0.00	36.98 1.66 0.00	32.43 1.57 0.00	27.71 1.39 0.00	27.17 1.42 0.00	27.53 1.36 0.00	29.24 1.46 -0.14	33.74 1.29 -0.17	36.46 1.25 -0.55	37.85 1.23 -0.38	46.55 1.52 -0.43	60.51 1.65 0.00	62.42 1.82 0.00	58.77 1.38 0.00	50.46 1.37 0.00	39.99 1.16 0.00	36.27 1.09 0.00	31.98 0.84 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	28.34 1.01 0.00	26.60 0.87 0.00	24.75 0.81 0.00	23.71 0.76 0.00	24.35 0.73 0.00	25.71 0.85 0.00	33.54 1.51 0.00	36.98 1.66 0.00	32.43 1.57 0.00	27.71 1.39 0.00	27.17 1.42 0.00	27.53 1.36 0.00	29.24 1.46 -0.14	33.74 1.29 -0.17	36.46 1.25 -0.55	37.85 1.23 -0.38	46.55 1.52 -0.43	60.51 1.65 0.00	62.42 1.82 0.00	58.77 1.38 0.00	50.46 1.37 0.00	39.99 1.16 0.00	36.27 1.09 0.00	31.98 0.84 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.31 0.98 0.00	26.60 0.87 0.00	24.72 0.79 0.00	23.71 0.76 0.00	24.33 0.71 0.00	25.69 0.82 0.00	33.51 1.47 0.00	36.84 1.52 0.00	32.25 1.39 0.00	27.53 1.21 0.00	26.93 1.18 0.00	27.27 1.10 0.00	28.76 1.19 0.06	33.20 1.00 0.08	35.41 1.01 0.26	37.11 1.05 0.18	45.70 1.29 0.20	60.33 1.47 0.00	62.30 1.70 0.00	58.71 1.32 0.00	50.41 1.33 0.00	39.92 1.09 0.00	36.13 0.95 0.00	31.89 0.75 0.00
POLETTI____ 23519	21.00 1.07 7.39	20.98 0.90 5.65	20.99 0.81 3.76	20.99 0.73 2.70	20.99 0.68 3.32	21.01 0.70 4.55	22.85 1.35 10.53	23.74 1.48 13.07	23.69 1.48 8.65	21.02 1.32 6.61	23.55 1.31 3.51	23.54 1.28 3.91	23.54 1.41 5.50	23.54 1.19 9.93	23.57 1.21 12.30	23.58 1.34 14.00	23.36 1.34 22.58	36.92 1.53 23.47	30.30 1.70 32.00	26.05 1.15 32.48	24.17 1.18 26.09	23.54 1.24 16.53	23.58 1.20 12.79	23.35 0.97 8.75
POMONA___ESR 323819	28.31 0.98 0.00	26.57 0.85 0.00	24.70 0.77 0.00	23.69 0.73 0.00	24.30 0.69 0.00	25.66 0.80 0.00	33.48 1.44 0.00	36.84 1.52 0.00	32.31 1.45 0.00	27.61 1.29 0.00	27.06 1.31 0.00	27.42 1.26 0.00	29.11 1.35 -0.13	33.56 1.13 -0.16	36.28 1.11 -0.51	37.72 1.12 -0.35	46.38 1.38 -0.40	60.33 1.47 0.00	62.24 1.64 0.00	58.60 1.21 0.00	50.36 1.27 0.00	39.96 1.13 0.00	36.20 1.02 0.00	31.98 0.84 0.00
PORT_JEFF_3 23555	28.07 0.74 0.00	26.14 0.41 0.00	24.29 0.36 0.00	23.37 0.41 0.00	23.93 0.31 0.00	25.41 0.55 0.00	33.19 1.15 0.00	36.67 1.34 0.00	32.49 1.63 0.00	27.79 1.47 0.00	27.42 1.67 0.00	27.76 1.60 0.00	29.43 1.66 -0.14	33.80 1.36 -0.17	35.93 0.73 -0.54	37.08 0.47 -0.37	45.69 0.67 -0.42	59.38 0.53 0.01	61.50 0.91 0.01	57.84 0.46 0.01	49.52 0.44 0.01	39.44 0.62 0.01	35.67 0.49 0.00	31.70 0.56 0.00
PORT_JEFF_4 23616	28.07 0.74 0.00	26.14 0.41 0.00	24.29 0.36 0.00	23.37 0.41 0.00	23.93 0.31 0.00	25.41 0.55 0.00	33.19 1.15 0.00	36.67 1.34 0.00	32.49 1.63 0.00	27.79 1.47 0.00	27.42 1.67 0.00	27.76 1.60 0.00	29.43 1.66 -0.14	33.80 1.36 -0.17	35.93 0.73 -0.54	37.08 0.47 -0.37	45.69 0.67 -0.42	59.38 0.53 0.01	61.50 0.91 0.01	57.84 0.46 0.01	49.52 0.44 0.01	39.44 0.62 0.01	35.67 0.49 0.00	31.70 0.56 0.00

PORT_JEFF_IC 23713	28.10 0.77 0.00	26.16 0.44 0.00	24.32 0.38 0.00	23.39 0.44 0.00	23.95 0.33 0.00	25.44 0.57 0.00	33.19 1.15 0.00	36.70 1.38 0.00	32.53 1.67 0.00	27.82 1.50 0.00	27.48 1.73 0.00	27.79 1.62 0.00	29.48 1.71 -0.14	33.83 1.39 -0.17	35.96 0.76 -0.54	37.23 0.62 -0.37	45.96 0.94 -0.42	59.62 0.77 0.01	61.74 1.15 0.01	58.13 0.75 0.01	49.62 0.54 0.01	39.48 0.66 0.01	35.95 0.77 0.00	31.67 0.53 0.00
PPL PILGRIM_ST_GT1 24216	28.31 0.98 0.00	26.39 0.67 0.00	24.53 0.60 0.00	23.57 0.62 0.00	24.14 0.52 0.00	25.66 0.80 0.00	33.48 1.44 0.00	36.98 1.66 0.00	32.77 1.91 0.00	28.03 1.71 0.00	27.66 1.91 0.00	28.00 1.83 0.00	29.70 1.93 -0.14	34.09 1.65 -0.17	36.24 1.04 -0.54	37.44 0.83 -0.37	46.13 1.12 -0.42	59.97 1.12 0.01	62.04 1.45 0.01	58.36 0.97 0.01	50.01 0.93 0.01	39.79 0.97 0.01	36.02 0.84 0.00	32.05 0.90 0.00
PPL PILGRIM_ST_GT2 24217	28.31 0.98 0.00	26.39 0.67 0.00	24.53 0.60 0.00	23.57 0.62 0.00	24.14 0.52 0.00	25.66 0.80 0.00	33.48 1.44 0.00	36.98 1.66 0.00	32.77 1.91 0.00	28.03 1.71 0.00	27.66 1.91 0.00	28.00 1.83 0.00	29.70 1.93 -0.14	34.09 1.65 -0.17	36.24 1.04 -0.54	37.44 0.83 -0.37	46.13 1.12 -0.42	59.97 1.12 0.01	62.04 1.45 0.01	58.36 0.97 0.01	50.01 0.93 0.01	39.79 0.97 0.01	36.02 0.84 0.00	32.05 0.90 0.00
PPL_SHRM_GT3 24213	27.74 0.41 0.00	25.83 0.10 0.00	23.98 0.05 0.00	23.09 0.14 0.00	23.64 0.02 0.00	25.11 0.25 0.00	32.81 0.77 0.00	36.31 0.99 0.00	32.15 1.30 0.00	27.50 1.19 0.00	27.14 1.39 0.00	27.45 1.28 0.00	29.10 1.33 -0.14	33.41 0.97 -0.17	35.51 0.31 -0.54	36.68 0.07 -0.37	45.24 0.22 -0.42	58.85 0.00 0.01	60.96 0.37 0.01	57.32 -0.06 0.01	49.08 0.00 0.01	39.10 0.27 0.01	35.28 0.11 0.00	31.33 0.19 0.00
PPL_SHRM_GT4 24214	27.74 0.41 0.00	25.83 0.10 0.00	23.98 0.05 0.00	23.09 0.14 0.00	23.64 0.02 0.00	25.11 0.25 0.00	32.81 0.77 0.00	36.31 0.99 0.00	32.15 1.30 0.00	27.50 1.19 0.00	27.14 1.39 0.00	27.45 1.28 0.00	29.10 1.33 -0.14	33.41 0.97 -0.17	35.51 0.31 -0.54	36.68 0.07 -0.37	45.24 0.22 -0.42	58.85 0.00 0.01	60.96 0.37 0.01	57.32 -0.06 0.01	49.08 0.00 0.01	39.10 0.27 0.01	35.28 0.11 0.00	31.33 0.19 0.00
PROJECT___ORANGE 1 24174	27.14 -0.19 0.00	25.57 -0.15 0.00	23.79 -0.14 0.00	22.77 -0.18 0.00	23.48 -0.14 0.00	24.82 -0.17 -0.13	33.96 0.00 -1.92	37.30 0.00 -1.98	33.01 0.00 -2.15	27.84 -0.03 -1.55	27.20 -0.03 -1.47	28.53 0.03 -2.33	29.12 0.06 -1.43	32.15 -0.13 0.00	34.83 -0.21 -0.38	36.85 -0.14 -0.75	44.67 -0.18 -0.24	62.26 -0.18 -3.58	65.61 -0.30 -5.32	62.66 -0.23 -5.50	52.72 -0.29 -3.93	42.13 -0.19 -3.49	37.97 -0.14 -2.93	33.75 -0.12 -2.73
PROJECT___ORANGE 2 24166	27.14 -0.19 0.00	25.57 -0.15 0.00	23.79 -0.14 0.00	22.77 -0.18 0.00	23.48 -0.14 0.00	24.82 -0.17 -0.13	33.96 0.00 -1.92	37.30 0.00 -1.98	33.01 0.00 -2.15	27.84 -0.03 -1.55	27.20 -0.03 -1.47	28.53 0.03 -2.33	29.12 0.06 -1.43	32.15 -0.13 0.00	34.83 -0.21 -0.38	36.85 -0.14 -0.75	44.67 -0.18 -0.24	62.26 -0.18 -3.58	65.61 -0.30 -5.32	62.66 -0.23 -5.50	52.72 -0.29 -3.93	42.13 -0.19 -3.49	37.97 -0.14 -2.93	33.75 -0.12 -2.73
PUCKETT___SOLAR 323809	27.74 0.41 0.00	26.11 0.39 0.00	24.29 0.36 0.00	23.23 0.28 0.00	24.00 0.38 0.00	25.24 0.37 0.00	33.26 0.80 -0.42	36.14 0.81 0.00	31.51 0.65 0.00	26.74 0.42 0.00	26.08 0.33 0.00	26.56 0.39 0.00	28.05 0.42 0.00	32.57 0.29 0.00	34.97 0.31 0.00	36.95 0.40 -0.31	45.45 0.80 -0.04	62.06 1.24 -1.96	65.15 1.33 -3.22	61.87 1.38 -3.10	52.05 1.08 -1.89	41.19 0.93 -1.43	37.30 0.95 -1.17	32.74 0.68 -0.92
PYRITES___HYD 24023	27.93 0.60 0.00	26.32 0.51 -0.08	24.39 0.45 0.00	23.43 0.48 0.00	24.19 0.57 0.00	30.24 0.62 -4.75	81.43 0.48 -48.91	107.55 0.64 -71.60	109.17 0.46 -77.85	82.86 0.32 -56.23	79.38 0.31 -53.32	111.11 0.34 -84.60	79.90 0.30 -51.96	33.02 0.74 0.00	49.31 1.01 -13.65	48.47 1.01 -11.22	52.29 1.20 -6.49	90.11 2.00 -29.25	90.97 2.48 -27.89	100.43 2.58 -40.45	96.97 1.96 -45.92	93.93 1.51 -53.59	82.87 1.30 -46.39	84.35 1.03 -52.18
QUAKERRD_115KV_BK1 80622	26.48 -0.85 0.00	25.08 -0.64 0.00	23.41 -0.53 0.00	22.33 -0.62 0.00	23.05 -0.57 0.00	24.19 -0.67 0.00	31.64 -0.74 -0.34	34.51 -0.81 0.00	30.27 -0.59 0.00	25.84 -0.47 0.00	25.31 -0.44 0.00	25.83 -0.34 0.00	27.36 -0.28 0.00	31.79 -0.48 0.00	34.07 -0.59 0.00	36.00 -0.47 -0.23	43.88 -0.76 -0.03	59.27 -1.06 -1.47	61.79 -1.21 -2.40	58.67 -1.03 -2.31	49.51 -0.98 -1.41	39.12 -0.78 -1.07	35.56 -0.49 -0.87	31.54 -0.28 -0.68
QUENSBRY_115KV_TB8 356137	28.89 1.56 0.00	27.14 1.41 0.00	25.35 1.41 0.00	24.35 1.40 0.00	25.01 1.39 0.00	26.31 1.44 0.00	34.09 2.05 0.00	37.65 2.33 0.00	32.40 1.54 0.00	27.55 1.24 0.00	26.70 0.95 0.00	27.03 0.86 0.00	28.39 0.88 0.13	33.05 0.94 0.16	35.13 1.01 0.53	36.34 0.47 0.37	44.90 0.71 0.41	59.98 1.12 0.00	62.48 1.88 0.00	59.11 1.72 0.00	50.71 1.62 0.00	40.03 1.20 0.00	36.16 0.98 0.00	32.79 1.65 0.00
RAMAPO___LBMP 323565	28.23 0.90 0.00	26.50 0.77 0.00	24.63 0.69 0.00	23.62 0.67 0.00	24.23 0.61 0.00	25.59 0.72 0.00	33.38 1.35 0.00	36.74 1.41 0.00	32.19 1.33 0.00	27.50 1.18 0.00	26.96 1.21 0.00	27.35 1.18 0.00	29.00 1.24 -0.13	33.43 1.00 -0.15	36.13 0.97 -0.50	37.56 0.98 -0.35	46.24 1.25 -0.39	60.15 1.29 0.00	62.05 1.45 0.00	58.42 1.03 0.00	50.21 1.13 0.00	39.76 0.93 0.00	36.09 0.91 0.00	31.83 0.69 0.00
RANKINE____ 23646	26.62 -0.71 0.00	25.42 -0.31 0.00	23.77 -0.17 0.00	22.63 -0.32 0.00	23.31 -0.31 0.00	24.32 -0.55 0.00	31.63 -0.77 -0.36	34.05 -1.27 0.00	30.24 -0.62 0.00	25.92 -0.39 0.00	25.42 -0.33 0.00	26.06 -0.10 0.00	27.72 0.08 0.00	31.89 -0.39 0.00	34.28 -0.38 0.00	36.10 -0.40 -0.26	44.01 -0.62 -0.04	59.29 -1.18 -1.60	61.77 -1.45 -2.63	58.94 -0.98 -2.53	49.50 -1.13 -1.54	39.53 -0.47 -1.17	36.31 0.18 -0.96	32.67 0.78 -0.75
RAVENSWOOD_GT2_1 24244	28.45 1.12 0.00	26.68 0.95 0.00	24.80 0.86 0.00	23.76 0.80 0.00	24.40 0.78 0.00	25.76 0.90 0.00	33.67 1.63 0.00	37.16 1.84 0.00	32.65 1.79 0.00	27.90 1.58 0.00	27.35 1.60 0.00	27.71 1.54 0.00	29.43 1.66 -0.14	33.96 1.52 -0.17	36.70 1.49 -0.55	38.14 1.52 -0.38	46.90 1.87 -0.42	60.86 2.00 0.00	62.78 2.18 0.00	59.05 1.66 0.00	50.71 1.62 0.00	40.23 1.40 0.00	36.48 1.30 0.00	32.14 1.00 0.00
RAVENSWOOD_GT2_2 24245	28.45 1.12 0.00	26.68 0.95 0.00	24.80 0.86 0.00	23.76 0.80 0.00	24.40 0.78 0.00	25.76 0.90 0.00	33.67 1.63 0.00	37.16 1.84 0.00	32.65 1.79 0.00	27.90 1.58 0.00	27.35 1.60 0.00	27.71 1.54 0.00	29.43 1.66 -0.14	33.96 1.52 -0.17	36.70 1.49 -0.55	38.14 1.52 -0.38	46.90 1.87 -0.42	60.86 2.00 0.00	62.78 2.18 0.00	59.05 1.66 0.00	50.71 1.62 0.00	40.23 1.40 0.00	36.48 1.30 0.00	32.14 1.00 0.00



RAVENSWOOD_GT2_3 24246	28.45 1.12 0.00	26.68 0.95 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.76 0.90 0.00	33.71 1.67 0.00	37.20 1.87 0.00	32.68 1.82 0.00	27.92 1.61 0.00	27.37 1.62 0.00	27.74 1.57 0.00	29.46 1.69 -0.14	33.96 1.52 -0.17	36.70 1.49 -0.55	38.18 1.56 -0.38	46.90 1.87 -0.42	60.92 2.06 0.00	62.78 2.18 0.00	59.11 1.72 0.00	50.71 1.62 0.00	40.27 1.44 0.00	36.48 1.30 0.00	32.17 1.03 0.00
RAVENSWOOD_GT2_4 24247	28.45 1.12 0.00	26.68 0.95 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.76 0.90 0.00	33.71 1.67 0.00	37.20 1.87 0.00	32.68 1.82 0.00	27.92 1.61 0.00	27.37 1.62 0.00	27.74 1.57 0.00	29.46 1.69 -0.14	33.96 1.52 -0.17	36.70 1.49 -0.55	38.18 1.56 -0.38	46.90 1.87 -0.42	60.92 2.06 0.00	62.78 2.18 0.00	59.11 1.72 0.00	50.71 1.62 0.00	40.27 1.44 0.00	36.48 1.30 0.00	32.17 1.03 0.00
RAVENSWOOD_GT3_1 24248	28.45 1.12 0.00	26.68 0.95 0.00	24.80 0.86 0.00	23.76 0.80 0.00	24.40 0.78 0.00	25.76 0.90 0.00	33.71 1.67 0.00	37.16 1.84 0.00	32.65 1.79 0.00	27.90 1.58 0.00	27.35 1.60 0.00	27.71 1.54 0.00	29.43 1.66 -0.14	33.96 1.52 -0.17	36.70 1.49 -0.55	38.14 1.52 -0.38	46.90 1.87 -0.42	60.86 2.00 0.00	62.78 2.18 0.00	59.05 1.66 0.00	50.71 1.62 0.00	40.23 1.40 0.00	36.48 1.30 0.00	32.14 1.00 0.00
RAVENSWOOD_GT3_2 24249	28.45 1.12 0.00	26.68 0.95 0.00	24.80 0.86 0.00	23.76 0.80 0.00	24.40 0.78 0.00	25.76 0.90 0.00	33.71 1.67 0.00	37.16 1.84 0.00	32.65 1.79 0.00	27.90 1.58 0.00	27.35 1.60 0.00	27.71 1.54 0.00	29.43 1.66 -0.14	33.96 1.52 -0.17	36.70 1.49 -0.55	38.14 1.52 -0.38	46.90 1.87 -0.42	60.86 2.00 0.00	62.78 2.18 0.00	59.05 1.66 0.00	50.71 1.62 0.00	40.23 1.40 0.00	36.48 1.30 0.00	32.14 1.00 0.00
RAVENSWOOD_GT3_3 24250	28.48 1.15 0.00	26.70 0.98 0.00	24.82 0.89 0.00	23.80 0.85 0.00	24.42 0.80 0.00	25.79 0.92 0.00	33.74 1.70 0.00	37.23 1.91 0.00	32.71 1.85 0.00	27.95 1.63 0.00	27.40 1.65 0.00	27.76 1.60 0.00	29.48 1.71 -0.14	34.00 1.55 -0.17	36.77 1.56 -0.55	38.21 1.59 -0.38	46.99 1.96 -0.42	60.98 2.12 0.00	62.90 2.30 0.00	59.17 1.78 0.00	50.80 1.72 0.00	40.31 1.48 0.00	36.51 1.34 0.00	32.20 1.06 0.00
RAVENSWOOD_GT3_4 24251	28.48 1.15 0.00	26.70 0.98 0.00	24.82 0.89 0.00	23.80 0.85 0.00	24.42 0.80 0.00	25.79 0.92 0.00	33.74 1.70 0.00	37.23 1.91 0.00	32.71 1.85 0.00	27.95 1.63 0.00	27.40 1.65 0.00	27.76 1.60 0.00	29.48 1.71 -0.14	34.00 1.55 -0.17	36.77 1.56 -0.55	38.21 1.59 -0.38	46.99 1.96 -0.42	60.98 2.12 0.00	62.90 2.30 0.00	59.17 1.78 0.00	50.80 1.72 0.00	40.31 1.48 0.00	36.51 1.34 0.00	32.20 1.06 0.00
RAVENSWOOD_GT_1 23729	28.51 1.18 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.80 0.85 0.00	24.42 0.80 0.00	25.76 0.90 0.00	33.71 1.67 0.00	37.20 1.87 0.00	32.71 1.85 0.00	27.95 1.63 0.00	27.40 1.65 0.00	27.76 1.60 0.00	29.51 1.74 -0.14	34.03 1.58 -0.17	36.80 1.59 -0.55	38.32 1.70 -0.38	46.99 1.96 -0.42	61.10 2.24 -0.01	63.03 2.42 -0.01	59.29 1.89 -0.01	50.86 1.77 -0.01	40.34 1.51 0.00	36.58 1.41 0.00	32.23 1.09 0.00
RAVENSWOOD_GT_10 24258	28.45 1.12 0.00	26.68 0.95 0.00	24.80 0.86 0.00	23.76 0.80 0.00	24.40 0.78 0.00	25.76 0.90 0.00	33.71 1.67 0.00	37.16 1.84 0.00	32.65 1.79 0.00	27.90 1.58 0.00	27.35 1.60 0.00	27.71 1.54 0.00	29.43 1.66 -0.14	33.96 1.52 -0.17	36.70 1.49 -0.55	38.14 1.52 -0.38	46.90 1.87 -0.42	60.86 2.00 0.00	62.78 2.18 0.00	59.05 1.66 0.00	50.71 1.62 0.00	40.23 1.40 0.00	36.48 1.30 0.00	32.14 1.00 0.00
RAVENSWOOD_GT_11 24259	28.45 1.12 0.00	26.68 0.95 0.00	24.80 0.86 0.00	23.76 0.80 0.00	24.40 0.78 0.00	25.76 0.90 0.00	33.71 1.67 0.00	37.16 1.84 0.00	32.65 1.79 0.00	27.90 1.58 0.00	27.35 1.60 0.00	27.71 1.54 0.00	29.43 1.66 -0.14	33.96 1.52 -0.17	36.70 1.49 -0.55	38.14 1.52 -0.38	46.90 1.87 -0.42	60.86 2.00 0.00	62.78 2.18 0.00	59.05 1.66 0.00	50.71 1.62 0.00	40.23 1.40 0.00	36.48 1.30 0.00	32.14 1.00 0.00
RAVENSWOOD_GT_4 24252	28.45 1.12 0.00	26.68 0.95 0.00	24.80 0.86 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.76 0.90 0.00	33.71 1.67 0.00	37.20 1.87 0.00	32.65 1.79 0.00	27.90 1.58 0.00	27.35 1.60 0.00	27.74 1.57 0.00	29.43 1.66 -0.14	33.96 1.52 -0.17	36.70 1.49 -0.55	38.14 1.52 -0.38	46.90 1.87 -0.42	60.87 2.00 -0.01	62.73 2.12 -0.01	59.06 1.66 -0.01	50.66 1.57 -0.01	40.23 1.40 0.00	36.48 1.30 0.00	32.14 1.00 0.00
RAVENSWOOD_GT_5 24254	28.45 1.12 0.00	26.68 0.95 0.00	24.80 0.86 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.76 0.90 0.00	33.71 1.67 0.00	37.20 1.87 0.00	32.65 1.79 0.00	27.90 1.58 0.00	27.35 1.60 0.00	27.74 1.57 0.00	29.43 1.66 -0.14	33.96 1.52 -0.17	36.70 1.49 -0.55	38.14 1.52 -0.38	46.90 1.87 -0.42	60.87 2.00 -0.01	62.73 2.12 -0.01	59.06 1.66 -0.01	50.66 1.57 -0.01	40.23 1.40 0.00	36.48 1.30 0.00	32.14 1.00 0.00
RAVENSWOOD_GT_6 24253	28.45 1.12 0.00	26.68 0.95 0.00	24.80 0.86 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.76 0.90 0.00	33.71 1.67 0.00	37.20 1.87 0.00	32.65 1.79 0.00	27.90 1.58 0.00	27.35 1.60 0.00	27.74 1.57 0.00	29.43 1.66 -0.14	33.96 1.52 -0.17	36.70 1.49 -0.55	38.14 1.52 -0.38	46.90 1.87 -0.42	60.87 2.00 -0.01	62.73 2.12 -0.01	59.06 1.66 -0.01	50.66 1.57 -0.01	40.23 1.40 0.00	36.48 1.30 0.00	32.14 1.00 0.00
RAVENSWOOD_GT_7 24255	28.45 1.12 0.00	26.68 0.95 0.00	24.80 0.86 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.76 0.90 0.00	33.71 1.67 0.00	37.20 1.87 0.00	32.65 1.79 0.00	27.90 1.58 0.00	27.35 1.60 0.00	27.74 1.57 0.00	29.43 1.66 -0.14	33.96 1.52 -0.17	36.70 1.49 -0.55	38.14 1.52 -0.38	46.90 1.87 -0.42	60.87 2.00 -0.01	62.73 2.12 -0.01	59.06 1.66 -0.01	50.66 1.57 -0.01	40.23 1.40 0.00	36.48 1.30 0.00	32.14 1.00 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	28.45 1.12 0.00	26.68 0.95 0.00	24.80 0.86 0.00	23.76 0.80 0.00	24.40 0.78 0.00	25.76 0.90 0.00	33.71 1.67 0.00	37.16 1.84 0.00	32.65 1.79 0.00	27.90 1.58 0.00	27.35 1.60 0.00	27.71 1.54 0.00	29.43 1.66 -0.14	33.96 1.52 -0.17	36.70 1.49 -0.55	38.14 1.52 -0.38	46.90 1.87 -0.42	60.86 2.00 0.00	62.78 2.18 0.00	59.05 1.66 0.00	50.71 1.62 0.00	40.23 1.40 0.00	36.48 1.30 0.00	32.14 1.00 0.00
RAVENSWOOD_GT_9 24257	28.45 1.12 0.00	26.68 0.95 0.00	24.80 0.86 0.00	23.76 0.80 0.00	24.40 0.78 0.00	25.76 0.90 0.00	33.71 1.67 0.00	37.16 1.84 0.00	32.65 1.79 0.00	27.90 1.58 0.00	27.35 1.60 0.00	27.71 1.54 0.00	29.43 1.66 -0.14	33.96 1.52 -0.17	36.70 1.49 -0.55	38.14 1.52 -0.38	46.90 1.87 -0.42	60.86 2.00 0.00	62.78 2.18 0.00	59.05 1.66 0.00	50.71 1.62 0.00	40.23 1.40 0.00	36.48 1.30 0.00	32.14 1.00 0.00

RAVENSWOOD___1 23533	28.48 1.15 0.00	26.73 1.00 0.00	24.84 0.91 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.16 1.84 0.00	32.68 1.82 0.00	27.95 1.63 0.00	27.37 1.62 0.00	27.76 1.60 0.00	29.48 1.71 -0.14	34.00 1.55 -0.17	36.77 1.56 -0.55	38.25 1.63 -0.38	46.99 1.96 -0.42	61.10 2.24 0.00	62.96 2.36 0.00	59.17 1.78 0.00	50.85 1.76 0.00	40.31 1.48 0.00	36.51 1.34 0.00	32.32 1.18 0.00
RAVENSWOOD___2 23534	28.48 1.15 0.00	26.70 0.98 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.74 0.87 0.00	33.67 1.63 0.00	37.16 1.84 0.00	32.68 1.82 0.00	27.92 1.61 0.00	27.37 1.62 0.00	27.74 1.57 0.00	29.46 1.69 -0.14	34.00 1.55 -0.17	36.77 1.56 -0.55	38.25 1.63 -0.38	46.94 1.92 -0.42	61.10 2.24 0.00	62.96 2.36 0.00	59.17 1.78 0.00	50.80 1.72 0.00	40.31 1.48 0.00	36.48 1.30 0.00	32.29 1.15 0.00
RAVENSWOOD___3 23535	28.45 1.12 0.00	26.68 0.95 0.00	24.79 0.86 0.00	23.76 0.80 0.00	24.40 0.78 0.00	25.76 0.89 0.00	33.70 1.66 0.00	37.16 1.84 0.00	32.65 1.79 0.00	27.90 1.58 0.00	27.35 1.60 0.00	27.74 1.57 0.00	29.46 1.69 -0.14	33.96 1.52 -0.17	36.70 1.49 -0.55	38.14 1.52 -0.38	46.86 1.83 -0.42	60.80 1.94 0.00	62.72 2.12 0.00	58.99 1.60 0.00	50.70 1.62 0.00	40.23 1.40 0.00	36.44 1.26 0.00	32.23 1.09 0.00
RAVENSWOOD___4 23820	28.48 1.15 0.00	26.70 0.98 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.74 0.87 0.00	33.67 1.63 0.00	37.16 1.84 0.00	32.65 1.79 0.00	27.92 1.61 0.00	27.35 1.60 0.00	27.74 1.57 0.00	29.46 1.69 -0.14	33.96 1.52 -0.17	36.73 1.52 -0.55	38.21 1.59 -0.38	46.94 1.92 -0.42	61.03 2.18 0.01	62.95 2.36 0.01	59.16 1.78 0.01	50.79 1.72 0.01	40.27 1.44 0.00	36.48 1.30 0.00	32.29 1.15 0.00
RCPL_TRUST___DRP 24196	28.45 1.12 0.00	26.70 0.98 0.00	24.82 0.89 0.00	23.80 0.85 0.00	24.42 0.80 0.00	25.79 0.92 0.00	33.74 1.70 0.00	37.23 1.91 0.00	32.71 1.85 0.00	27.98 1.66 0.00	27.42 1.67 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.03 1.58 -0.17	36.77 1.56 -0.55	38.21 1.59 -0.38	46.99 1.96 -0.42	60.98 2.12 0.00	62.84 2.24 0.00	59.11 1.72 0.00	50.71 1.62 0.00	40.31 1.48 0.00	36.51 1.34 0.00	32.17 1.03 0.00
RED___ROCHESTER 323720	27.22 -0.11 0.00	25.78 0.05 0.00	24.08 0.14 0.00	22.93 -0.02 0.00	23.71 0.09 0.00	24.84 -0.02 0.00	32.47 0.10 -0.34	35.43 0.11 0.00	31.10 0.25 0.00	26.58 0.26 0.00	26.06 0.31 0.00	26.61 0.44 0.00	28.22 0.58 0.00	32.73 0.45 0.00	35.11 0.45 0.00	37.04 0.58 -0.23	45.26 0.62 -0.03	61.03 0.76 -1.40	63.45 0.86 -2.30	60.47 0.86 -2.22	50.92 0.49 -1.35	40.24 0.39 -1.02	36.68 0.67 -0.84	32.42 0.62 -0.65
REGAN___SOLAR 323812	28.92 1.58 0.00	27.14 1.41 0.00	25.35 1.41 0.00	24.33 1.38 0.00	25.04 1.42 0.00	26.46 1.59 0.00	34.31 2.28 0.00	37.59 2.26 0.00	31.94 1.08 0.00	26.87 0.55 0.00	25.88 0.13 0.00	26.12 -0.05 0.00	27.46 -0.08 0.09	32.07 -0.10 0.11	34.40 0.10 0.36	36.61 0.62 0.25	45.80 1.47 0.28	61.45 2.59 0.00	64.36 3.76 0.00	61.01 3.62 0.00	52.27 3.19 0.00	41.20 2.37 0.00	37.18 2.00 0.00	32.92 1.77 0.00
RENSSELAER___COGEN 23796	27.47 0.14 0.00	25.88 0.16 0.00	24.13 0.19 0.00	23.16 0.21 0.00	23.76 0.14 0.00	25.04 0.18 0.00	32.36 0.32 0.00	35.71 0.39 0.00	31.08 0.22 0.00	26.45 0.13 0.00	25.85 0.10 0.00	26.22 0.05 0.00	27.58 0.06 0.11	31.98 -0.16 0.14	33.93 -0.28 0.45	35.60 -0.33 0.31	43.86 -0.40 0.34	58.27 -0.59 0.00	60.11 -0.49 0.00	56.76 -0.63 0.00	48.79 -0.29 0.00	38.52 -0.31 0.00	34.82 -0.35 0.00	30.96 -0.19 0.00
REPUBLIC_115KV_BARTNBRK 55605	29.90 2.57 0.00	28.04 2.32 0.00	26.28 2.35 0.00	25.25 2.30 0.00	25.91 2.29 0.00	27.33 2.46 0.00	35.44 3.40 0.00	39.21 3.89 0.00	33.39 2.53 0.00	28.37 2.05 0.00	27.40 1.65 0.00	27.69 1.52 0.00	29.05 1.55 0.13	33.89 1.78 0.17	36.06 1.94 0.54	37.57 1.70 0.37	46.73 2.54 0.42	62.45 3.59 0.00	65.51 4.91 0.00	62.10 4.71 0.00	53.21 4.12 0.00	41.86 3.03 0.00	37.71 2.53 0.00	34.10 2.96 0.00
REVERE_CPPR_DRP 24186	27.90 0.57 0.00	26.22 0.49 -0.01	24.39 0.45 0.00	23.34 0.39 0.00	24.16 0.54 0.00	25.87 0.62 -0.39	37.43 1.12 -4.27	42.64 1.41 -5.90	38.45 1.17 -6.42	31.77 0.82 -4.64	30.89 0.75 -4.40	33.93 0.79 -6.98	32.75 0.83 -4.28	33.18 0.90 0.00	36.68 0.90 -1.13	38.49 1.12 -1.13	46.64 1.47 -0.56	64.65 2.12 -3.67	67.50 2.55 -4.36	65.23 2.53 -5.32	56.19 2.11 -4.99	45.91 1.75 -5.33	41.19 1.44 -4.57	36.93 0.90 -4.89
REYNLDPA_13_KV_LD 356490	27.50 0.16 0.00	25.87 0.16 0.01	24.05 0.12 0.00	23.11 0.16 0.00	23.76 0.14 0.00	24.33 0.15 0.68	24.88 -0.13 7.03	24.96 -0.11 10.26	19.64 -0.06 11.16	18.28 0.03 8.06	18.16 0.05 7.64	14.09 0.05 12.13	20.24 0.06 7.45	32.63 0.36 0.00	33.25 0.55 1.96	35.22 0.58 1.60	44.39 0.71 0.93	55.81 1.06 4.12	57.82 1.09 3.87	52.75 1.03 5.68	43.31 0.74 6.51	31.75 0.54 7.62	29.03 0.46 6.60	24.13 0.44 7.44
REYNOLDS_115KV_TB3 80639	27.69 0.36 0.00	26.06 0.33 0.00	24.27 0.34 0.00	23.32 0.37 0.00	23.93 0.31 0.00	25.19 0.32 0.00	32.58 0.54 0.00	35.92 0.60 0.00	31.26 0.40 0.00	26.61 0.29 0.00	26.03 0.28 0.00	26.38 0.21 0.00	27.72 0.22 0.13	32.11 0.00 0.16	34.05 -0.07 0.53	35.72 -0.14 0.37	44.01 -0.18 0.41	58.62 -0.24 0.00	60.48 -0.12 0.00	57.10 -0.29 0.00	49.13 0.05 0.00	38.75 -0.08 0.00	35.07 -0.11 0.00	31.11 -0.03 0.00
RIVERBAY____ 323610	28.86 1.53 0.00	27.06 1.34 0.00	25.18 1.24 0.00	24.08 1.12 0.00	24.71 1.09 0.00	25.98 1.12 0.00	33.93 1.89 0.00	37.41 2.08 0.00	32.80 1.94 0.00	28.03 1.71 0.00	27.45 1.70 0.00	27.82 1.65 0.00	29.57 1.80 -0.14	34.12 1.68 -0.17	36.90 1.70 -0.55	38.47 1.85 -0.38	47.08 2.05 -0.42	61.27 2.41 0.00	63.27 2.67 0.00	59.46 2.07 0.00	51.05 1.96 0.00	40.65 1.83 0.00	36.93 1.76 0.00	32.61 1.46 -0.01
RIVERSDE_115KV_TB3 55908	27.60 0.27 0.00	25.98 0.26 0.00	24.20 0.26 0.00	23.25 0.30 0.00	23.85 0.24 0.00	25.14 0.27 0.00	32.49 0.45 0.00	35.85 0.53 0.00	31.17 0.31 0.00	26.55 0.24 0.00	25.96 0.21 0.00	26.30 0.13 0.00	27.65 0.14 0.12	32.10 -0.03 0.15	33.99 -0.17 0.49	35.68 -0.22 0.34	43.96 -0.27 0.38	58.51 -0.35 0.00	60.36 -0.24 0.00	57.04 -0.34 0.00	49.04 -0.05 0.00	38.67 -0.16 0.00	35.00 -0.18 0.00	31.05 -0.09 0.00
ROARING___BROOK_WT_PWR 323790	26.51 -0.82 0.00	24.95 -0.77 0.00	23.22 -0.72 0.00	22.29 -0.67 0.00	22.96 -0.66 0.00	24.08 -0.67 0.11	29.96 -0.90 1.18	32.73 -0.88 1.71	28.32 -0.68 1.86	24.53 -0.45 1.34	24.12 -0.36 1.27	23.81 -0.34 2.02	26.03 -0.36 1.24	31.96 -0.32 0.00	34.02 -0.31 0.33	35.65 -0.33 0.27	44.09 -0.36 0.15	57.82 -0.35 0.68	59.65 -0.30 0.64	56.10 -0.34 0.94	47.66 -0.34 1.08	37.21 -0.35 1.27	33.72 -0.35 1.10	29.56 -0.34 1.24

ROCHESRG_115KV_T4 355643	26.98 -0.36 0.00	25.57 -0.15 0.00	23.86 -0.07 0.00	22.77 -0.18 0.00	23.50 -0.12 0.00	24.64 -0.22 0.00	32.15 -0.22 -0.33	35.08 -0.25 0.00	30.83 -0.03 0.00	26.32 0.00 0.00	25.78 0.03 0.00	26.33 0.16 0.00	27.88 0.25 0.00	32.34 0.06 0.00	34.69 0.03 0.00	36.64 0.18 -0.22	44.68 0.04 -0.03	60.18 -0.06 -1.38	62.62 -0.24 -2.26	59.51 -0.06 -2.18	50.21 -0.20 -1.32	39.79 -0.04 -1.00	36.21 0.21 -0.82	32.19 0.40 -0.64
ROCHESTER_9_IC 23652	27.08 -0.25 0.00	25.68 -0.05 0.00	23.98 0.05 0.00	22.86 -0.09 0.00	23.62 0.00 0.00	24.74 -0.12 0.00	32.35 -0.03 -0.34	35.29 -0.04 0.00	30.98 0.12 0.00	26.45 0.13 0.00	25.93 0.18 0.00	26.48 0.31 0.00	28.08 0.44 0.00	32.57 0.29 0.00	34.93 0.28 0.00	36.90 0.43 -0.23	44.99 0.36 -0.03	60.62 0.35 -1.40	63.14 0.24 -2.30	59.95 0.34 -2.22	50.58 0.15 -1.35	40.05 0.19 -1.02	36.43 0.42 -0.84	32.39 0.59 -0.65
ROCKVIEW_13_KV_LD 356306	28.45 1.12 0.00	26.68 0.95 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.42 0.80 0.00	25.79 0.92 0.00	33.71 1.67 0.00	37.16 1.84 0.00	32.62 1.76 0.00	27.87 1.55 0.00	27.35 1.60 0.00	27.71 1.54 0.00	29.43 1.66 -0.14	33.93 1.48 -0.17	36.66 1.46 -0.55	38.10 1.49 -0.38	46.86 1.83 -0.42	60.86 2.00 0.00	62.78 2.18 0.00	59.11 1.72 0.00	50.75 1.67 0.00	40.19 1.36 0.00	36.44 1.27 0.00	32.14 1.00 0.00
ROME____115KV_TB2 80656	27.90 0.57 0.00	26.22 0.49 -0.01	24.39 0.45 0.00	23.34 0.39 0.00	24.16 0.54 0.00	25.87 0.62 -0.39	37.43 1.12 -4.27	42.64 1.41 -5.90	38.45 1.17 -6.42	31.77 0.82 -4.64	30.89 0.75 -4.40	33.93 0.79 -6.98	32.75 0.83 -4.28	33.18 0.90 0.00	36.68 0.90 -1.13	38.49 1.12 -1.13	46.64 1.47 -0.56	64.65 2.12 -3.67	67.50 2.55 -4.36	65.23 2.53 -5.32	56.19 2.11 -4.99	45.91 1.75 -5.33	41.19 1.44 -4.57	36.93 0.90 -4.89
ROSETON___1 23587	28.12 0.79 0.00	26.42 0.69 0.00	24.58 0.65 0.00	23.57 0.62 0.00	24.18 0.57 0.00	25.54 0.67 0.00	33.26 1.22 0.00	36.63 1.31 0.00	32.09 1.24 0.00	27.40 1.08 0.00	26.83 1.08 0.00	27.22 1.05 0.00	28.87 1.11 -0.13	33.30 0.87 -0.15	35.99 0.83 -0.51	37.38 0.80 -0.35	45.97 0.98 -0.39	59.80 0.94 0.00	61.63 1.03 0.00	58.08 0.69 0.00	49.97 0.88 0.00	39.61 0.78 0.00	35.84 0.67 0.00	31.76 0.62 0.00
ROSETON___2 23588	28.12 0.79 0.00	26.42 0.69 0.00	24.58 0.65 0.00	23.57 0.62 0.00	24.18 0.57 0.00	25.54 0.67 0.00	33.26 1.22 0.00	36.63 1.31 0.00	32.09 1.24 0.00	27.40 1.08 0.00	26.83 1.08 0.00	27.22 1.05 0.00	28.87 1.11 -0.13	33.30 0.87 -0.15	35.99 0.83 -0.51	37.38 0.80 -0.35	45.97 0.98 -0.39	59.80 0.94 0.00	61.63 1.03 0.00	58.08 0.69 0.00	49.97 0.88 0.00	39.61 0.78 0.00	35.84 0.67 0.00	31.76 0.62 0.00
ROTTRDAM_115KV_TB3 80664	27.96 0.63 0.00	26.32 0.59 0.00	24.51 0.57 0.00	23.50 0.55 0.00	24.16 0.54 0.00	25.46 0.60 0.00	32.97 0.93 0.00	36.31 0.99 0.00	31.57 0.71 0.00	26.87 0.55 0.00	26.21 0.46 0.00	26.59 0.42 0.00	27.95 0.41 0.10	32.48 0.32 0.13	34.59 0.35 0.41	36.28 0.33 0.28	44.73 0.45 0.32	59.51 0.65 0.00	61.45 0.85 0.00	58.14 0.75 0.00	49.87 0.79 0.00	39.41 0.58 0.00	35.67 0.49 0.00	31.67 0.53 0.00
RUSSELL___1 23602	27.17 -0.16 0.00	25.78 0.05 0.00	24.08 0.14 0.00	22.93 -0.02 0.00	23.71 0.09 0.00	24.84 -0.02 0.00	32.47 0.10 -0.34	35.43 0.11 0.00	31.14 0.28 0.00	26.58 0.26 0.00	26.06 0.31 0.00	26.61 0.44 0.00	28.21 0.58 0.00	32.73 0.45 0.00	35.11 0.45 0.00	37.11 0.65 -0.23	45.26 0.62 -0.03	60.91 0.65 -1.40	63.45 0.55 -2.30	60.30 0.69 -2.22	50.88 0.44 -1.35	40.24 0.39 -1.02	36.61 0.60 -0.84	32.54 0.75 -0.65
RUSSELL___2 23532	27.17 -0.16 0.00	25.78 0.05 0.00	24.08 0.14 0.00	22.93 -0.02 0.00	23.71 0.09 0.00	24.84 -0.02 0.00	32.47 0.10 -0.34	35.43 0.11 0.00	31.14 0.28 0.00	26.58 0.26 0.00	26.06 0.31 0.00	26.61 0.44 0.00	28.21 0.58 0.00	32.73 0.45 0.00	35.11 0.45 0.00	37.11 0.65 -0.23	45.26 0.62 -0.03	60.91 0.65 -1.40	63.45 0.55 -2.30	60.30 0.69 -2.22	50.88 0.44 -1.35	40.24 0.39 -1.02	36.61 0.60 -0.84	32.54 0.75 -0.65
RUSSELL___3 23549	27.17 -0.16 0.00	25.78 0.05 0.00	24.08 0.14 0.00	22.93 -0.02 0.00	23.71 0.09 0.00	24.84 -0.02 0.00	32.47 0.10 -0.34	35.43 0.11 0.00	31.14 0.28 0.00	26.58 0.26 0.00	26.06 0.31 0.00	26.61 0.44 0.00	28.21 0.58 0.00	32.73 0.45 0.00	35.11 0.45 0.00	37.11 0.65 -0.23	45.26 0.62 -0.03	60.91 0.65 -1.40	63.45 0.55 -2.30	60.30 0.69 -2.22	50.88 0.44 -1.35	40.24 0.39 -1.02	36.61 0.60 -0.84	32.54 0.75 -0.65
RUSSELL___4 23556	27.17 -0.16 0.00	25.78 0.05 0.00	24.08 0.14 0.00	22.93 -0.02 0.00	23.71 0.09 0.00	24.84 -0.02 0.00	32.47 0.10 -0.34	35.43 0.11 0.00	31.14 0.28 0.00	26.58 0.26 0.00	26.06 0.31 0.00	26.61 0.44 0.00	28.21 0.58 0.00	32.73 0.45 0.00	35.11 0.45 0.00	37.11 0.65 -0.23	45.26 0.62 -0.03	60.91 0.65 -1.40	63.45 0.55 -2.30	60.30 0.69 -2.22	50.88 0.44 -1.35	40.24 0.39 -1.02	36.61 0.60 -0.84	32.54 0.75 -0.65
RUSSELL___STATION 23914	27.17 -0.16 0.00	25.78 0.05 0.00	24.08 0.14 0.00	22.93 -0.02 0.00	23.71 0.09 0.00	24.84 -0.02 0.00	32.47 0.10 -0.34	35.43 0.11 0.00	31.14 0.28 0.00	26.58 0.26 0.00	26.06 0.31 0.00	26.61 0.44 0.00	28.21 0.58 0.00	32.73 0.45 0.00	35.11 0.45 0.00	37.11 0.65 -0.23	45.26 0.62 -0.03	60.91 0.65 -1.40	63.45 0.55 -2.30	60.30 0.69 -2.22	50.88 0.44 -1.35	40.24 0.39 -1.02	36.61 0.60 -0.84	32.54 0.75 -0.65
S SALMON___HYD 24043	27.22 -0.11 0.00	25.61 -0.13 -0.01	23.82 -0.12 0.00	22.79 -0.16 0.00	23.55 -0.07 0.00	25.26 -0.05 -0.44	37.74 0.19 -5.51	43.36 0.49 -7.54	39.43 0.37 -8.20	32.43 0.19 -5.92	31.50 0.13 -5.62	35.26 0.18 -8.91	33.27 0.17 -5.47	32.38 0.10 0.00	36.20 0.10 -1.44	38.26 0.26 -1.76	45.50 0.13 -0.76	65.99 0.41 -6.71	69.98 0.48 -8.90	68.08 0.69 -10.00	57.95 0.54 -8.33	47.77 0.66 -8.29	42.72 0.49 -7.05	38.58 0.25 -7.19
S.PERRY__115KV_TB1 80734	27.52 0.19 0.00	26.11 0.39 0.00	24.37 0.43 0.00	23.20 0.25 0.00	24.02 0.40 0.00	25.16 0.30 0.00	33.08 0.64 -0.40	35.99 0.67 0.00	31.41 0.56 0.00	26.66 0.34 0.00	25.96 0.21 0.00	26.51 0.34 0.00	28.08 0.44 0.00	32.60 0.32 0.00	35.04 0.38 0.00	37.28 0.76 -0.28	45.76 1.12 -0.04	62.52 1.88 -1.78	65.69 2.18 -2.91	62.66 2.47 -2.81	52.61 1.82 -1.71	41.52 1.40 -1.29	37.78 1.55 -1.06	33.59 1.62 -0.83
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	26.54 -0.79 0.00	25.39 -0.33 0.00	23.74 -0.19 0.00	22.61 -0.34 0.00	23.29 -0.33 0.00	24.27 -0.60 0.00	31.50 -0.90 -0.36	33.95 -1.38 0.00	30.12 -0.74 0.00	25.82 -0.50 0.00	25.31 -0.44 0.00	25.96 -0.21 0.00	27.58 -0.06 0.00	31.73 -0.55 0.00	34.10 -0.55 0.00	35.87 -0.62 -0.25	43.66 -0.98 -0.03	58.71 -1.71 -1.56	61.10 -2.06 -2.56	58.36 -1.49 -2.46	49.01 -1.57 -1.50	39.23 -0.74 -1.13	36.03 -0.07 -0.93	32.46 0.59 -0.73

SAWYER___23_KV_LOAD 55526	26.54 -0.79 0.00	25.39 -0.33 0.00	23.74 -0.19 0.00	22.61 -0.34 0.00	23.29 -0.33 0.00	24.27 -0.60 0.00	31.50 -0.90 -0.36	33.95 -1.38 0.00	30.12 -0.74 0.00	25.82 -0.50 0.00	25.31 -0.44 0.00	25.96 -0.21 0.00	27.58 -0.06 0.00	31.73 -0.55 0.00	34.10 -0.55 0.00	35.87 -0.62 -0.25	43.66 -0.98 -0.03	58.71 -1.71 -1.56	61.10 -2.06 -2.56	58.36 -1.49 -2.46	49.01 -1.57 -1.50	39.23 -0.74 -1.13	36.03 -0.07 -0.93	32.46 0.59 -0.73
SELKIRK___I 23801	27.71 0.38 0.00	26.11 0.39 0.00	24.34 0.41 0.00	23.37 0.41 0.00	23.97 0.35 0.00	25.26 0.40 0.00	32.65 0.61 0.00	35.96 0.64 0.00	31.17 0.31 0.00	26.50 0.19 0.00	25.85 0.10 0.00	26.19 0.03 0.00	27.66 0.08 0.05	32.15 -0.06 0.07	34.34 -0.10 0.22	36.01 -0.07 0.15	44.39 -0.04 0.17	58.80 -0.06 0.00	60.72 0.12 0.00	57.39 0.00 0.00	49.33 0.25 0.00	38.95 0.12 0.00	35.25 0.07 0.00	31.30 0.16 0.00
SELKIRK___II 23799	27.58 0.25 0.00	25.98 0.26 0.00	24.20 0.26 0.00	23.23 0.28 0.00	23.85 0.24 0.00	25.11 0.25 0.00	32.52 0.48 0.00	35.85 0.53 0.00	31.23 0.37 0.00	26.58 0.26 0.00	25.98 0.23 0.00	26.35 0.18 0.00	27.78 0.22 0.08	32.25 0.06 0.10	34.31 -0.03 0.31	35.95 -0.07 0.22	44.27 -0.09 0.24	58.68 -0.18 0.00	60.48 -0.12 0.00	57.10 -0.29 0.00	49.09 0.00 0.00	38.79 -0.04 0.00	35.11 -0.07 0.00	31.14 0.00 0.00
SENECA OSWGO___HYD 24041	27.36 0.03 0.00	25.75 0.03 0.00	23.96 0.02 0.00	22.93 -0.02 0.00	23.64 0.02 0.00	25.02 0.02 -0.13	34.14 0.26 -1.84	37.66 0.32 -2.02	33.34 0.28 -2.20	28.09 0.19 -1.59	27.44 0.18 -1.51	28.82 0.26 -2.39	29.38 0.28 -1.47	32.44 0.16 0.00	35.18 0.14 -0.39	37.15 0.22 -0.70	45.19 0.36 -0.24	62.63 0.59 -3.18	65.74 0.48 -4.65	62.83 0.57 -4.87	52.99 0.35 -3.56	42.33 0.27 -3.23	38.14 0.25 -2.71	33.90 0.19 -2.57
SENECA___115KV_TB3 355854	26.65 -0.68 0.00	25.44 -0.28 0.00	23.79 -0.14 0.00	22.65 -0.30 0.00	23.36 -0.26 0.00	24.34 -0.52 0.00	31.67 -0.74 -0.36	34.12 -1.20 0.00	30.30 -0.56 0.00	25.98 -0.34 0.00	25.47 -0.28 0.00	26.12 -0.05 0.00	27.74 0.11 0.00	31.96 -0.32 0.00	34.31 -0.35 0.00	36.17 -0.33 -0.26	44.10 -0.54 -0.04	59.40 -1.06 -1.60	61.89 -1.33 -2.63	59.06 -0.86 -2.53	49.59 -1.03 -1.54	39.61 -0.39 -1.17	36.38 0.25 -0.96	32.70 0.81 -0.75
SENECA___ENERGY 23797	27.41 0.08 0.00	25.83 0.10 0.00	24.03 0.10 0.00	22.95 0.00 0.00	23.71 0.09 0.00	25.06 0.10 -0.09	34.18 0.45 -1.69	37.37 0.71 -1.34	32.88 0.56 -1.46	27.77 0.40 -1.06	27.11 0.36 -1.00	28.23 0.47 -1.59	29.13 0.52 -0.98	32.70 0.42 0.00	35.36 0.45 -0.26	37.62 0.58 -0.80	45.65 0.85 -0.20	64.09 1.00 -4.23	68.08 0.91 -6.57	65.00 1.03 -6.58	54.07 0.59 -4.40	42.94 0.43 -3.68	38.84 0.60 -3.06	34.33 0.50 -2.69
SHOEMAKER___GT 23640	28.04 0.71 0.00	26.34 0.62 0.00	24.49 0.55 0.00	23.48 0.53 0.00	24.12 0.50 0.00	25.44 0.57 0.00	33.13 1.09 0.00	36.45 1.13 0.00	31.91 1.05 0.00	27.24 0.92 0.00	26.65 0.90 0.00	27.01 0.84 0.00	28.66 0.91 -0.11	33.10 0.68 -0.14	35.80 0.69 -0.45	37.24 0.69 -0.31	45.84 0.89 -0.35	59.80 0.94 0.00	61.69 1.09 0.00	58.19 0.80 0.00	49.97 0.88 0.00	39.61 0.78 0.00	35.84 0.67 0.00	31.70 0.56 0.00
SHOEMAKR_138KV_BK 111 55601	28.04 0.71 0.00	26.34 0.62 0.00	24.48 0.55 0.00	23.48 0.53 0.00	24.11 0.50 0.00	25.44 0.57 0.00	33.13 1.09 0.00	36.45 1.13 0.00	31.91 1.05 0.00	27.24 0.92 0.00	26.65 0.90 0.00	27.03 0.86 0.00	28.68 0.94 -0.11	33.13 0.71 -0.14	35.80 0.69 -0.45	37.27 0.72 -0.31	45.84 0.89 -0.35	59.86 1.00 0.00	61.69 1.09 0.00	58.19 0.80 0.00	49.97 0.88 0.00	39.57 0.74 0.00	35.84 0.67 0.00	31.67 0.53 0.00
SHOREHAM_IC_1 23715	27.74 0.41 0.00	25.83 0.10 0.00	23.98 0.05 0.00	23.09 0.14 0.00	23.64 0.02 0.00	25.11 0.25 0.00	32.81 0.77 0.00	36.31 0.99 0.00	32.15 1.30 0.00	27.50 1.19 0.00	27.14 1.39 0.00	27.45 1.28 0.00	29.10 1.33 -0.14	33.41 0.97 -0.17	35.51 0.31 -0.54	36.68 0.07 -0.37	45.24 0.22 -0.42	58.85 0.00 0.01	60.96 0.37 0.01	57.32 -0.06 0.01	49.08 0.00 0.01	39.10 0.27 0.01	35.28 0.11 0.00	31.33 0.19 0.00
SHOREHAM_IC_2 23716	27.74 0.41 0.00	25.83 0.10 0.00	23.98 0.05 0.00	23.11 0.16 0.00	23.64 0.02 0.00	25.14 0.27 0.00	32.78 0.74 0.00	36.31 0.99 0.00	32.15 1.30 0.00	27.50 1.18 0.00	27.14 1.39 0.00	27.45 1.28 0.00	29.10 1.33 -0.14	33.38 0.94 -0.17	35.51 0.31 -0.54	36.79 0.18 -0.37	45.47 0.45 -0.42	58.97 0.12 0.01	61.14 0.55 0.01	57.55 0.17 0.01	49.13 0.05 0.01	39.09 0.27 0.01	35.53 0.35 0.00	31.27 0.12 0.00
SISSONVILLE____ 23735	27.55 0.22 0.00	25.98 0.18 -0.08	24.08 0.14 0.00	23.14 0.18 0.00	23.85 0.24 0.00	29.62 0.27 -4.48	78.25 0.03 -46.18	103.05 0.14 -67.58	104.47 0.12 -73.48	79.50 0.11 -53.08	76.21 0.13 -50.33	106.19 0.16 -79.86	76.82 0.14 -49.04	32.76 0.48 0.00	48.27 0.73 -12.89	47.49 0.65 -10.60	51.31 0.58 -6.12	87.60 1.06 -27.68	88.31 1.27 -26.44	97.06 1.38 -38.30	93.48 0.98 -43.42	90.24 0.78 -50.63	79.71 0.70 -43.83	81.09 0.65 -49.29
SITHE_IND_GS1 24169	26.59 -0.74 0.00	25.03 -0.69 0.00	23.31 -0.62 0.00	22.33 -0.62 0.00	23.00 -0.61 0.00	24.20 -0.67 0.00	26.46 -0.74 4.84	34.51 -0.81 0.00	30.15 -0.71 0.00	25.69 -0.63 0.00	25.13 -0.62 0.00	25.59 -0.58 0.00	27.03 -0.61 0.00	31.47 -0.81 0.00	33.76 -0.90 0.00	31.74 -0.90 3.59	42.99 -1.11 0.50	35.01 -1.41 22.43	22.25 -1.58 36.77	20.59 -1.38 35.42	26.27 -1.28 21.54	21.54 -0.97 16.32	20.96 -0.84 13.37	19.94 -0.75 10.45
SITHE_IND_GS2 24170	26.59 -0.74 0.00	25.03 -0.69 0.00	23.31 -0.62 0.00	22.33 -0.62 0.00	23.00 -0.61 0.00	24.20 -0.67 0.00	26.46 -0.74 4.84	34.51 -0.81 0.00	30.15 -0.71 0.00	25.69 -0.63 0.00	25.13 -0.62 0.00	25.59 -0.58 0.00	27.03 -0.61 0.00	31.47 -0.81 0.00	33.76 -0.90 0.00	31.74 -0.90 3.59	42.99 -1.11 0.50	35.01 -1.41 22.43	22.25 -1.58 36.77	20.59 -1.38 35.42	26.27 -1.28 21.54	21.54 -0.97 16.32	20.96 -0.84 13.37	19.94 -0.75 10.45
SITHE_IND_GS3 24171	26.59 -0.74 0.00	25.03 -0.69 0.00	23.31 -0.62 0.00	22.33 -0.62 0.00	23.00 -0.61 0.00	24.20 -0.67 0.00	26.46 -0.74 4.84	34.51 -0.81 0.00	30.15 -0.71 0.00	25.69 -0.63 0.00	25.13 -0.62 0.00	25.59 -0.58 0.00	27.03 -0.61 0.00	31.47 -0.81 0.00	33.76 -0.90 0.00	31.74 -0.90 3.59	42.99 -1.11 0.50	35.01 -1.41 22.43	22.25 -1.58 36.77	20.59 -1.38 35.42	26.27 -1.28 21.54	21.54 -0.97 16.32	20.96 -0.84 13.37	19.94 -0.75 10.45
SITHE_IND_GS4 24172	26.59 -0.74 0.00	25.03 -0.69 0.00	23.31 -0.62 0.00	22.33 -0.62 0.00	23.00 -0.61 0.00	24.20 -0.67 0.00	26.46 -0.74 4.84	34.51 -0.81 0.00	30.15 -0.71 0.00	25.69 -0.63 0.00	25.13 -0.62 0.00	25.59 -0.58 0.00	27.03 -0.61 0.00	31.47 -0.81 0.00	33.76 -0.90 0.00	31.74 -0.90 3.59	42.99 -1.11 0.50	35.01 -1.41 22.43	22.25 -1.58 36.77	20.59 -1.38 35.42	26.27 -1.28 21.54	21.54 -0.97 16.32	20.96 -0.84 13.37	19.94 -0.75 10.45

SITHE___BATAVIA 24024	27.41 0.08 0.00	26.09 0.36 0.00	24.41 0.48 0.00	23.21 0.25 0.00	24.02 0.40 0.00	25.09 0.22 0.00	32.58 0.19 -0.35	35.39 0.07 0.00	31.23 0.37 0.00	26.69 0.37 0.00	26.14 0.39 0.00	26.72 0.55 0.00	28.41 0.77 0.00	32.83 0.55 0.00	35.21 0.55 0.00	37.13 0.65 -0.24	45.35 0.71 -0.03	61.36 1.00 -1.50	63.85 0.79 -2.46	61.02 1.26 -2.37	51.12 0.59 -1.44	40.58 0.66 -1.09	37.23 1.16 -0.89	33.05 1.21 -0.70
SITHE___INDEPEND 23800	26.59 -0.74 0.00	25.03 -0.69 0.00	23.31 -0.62 0.00	22.33 -0.62 0.00	23.00 -0.61 0.00	24.19 -0.67 0.00	26.46 -0.74 4.84	34.51 -0.81 0.00	30.15 -0.71 0.00	25.69 -0.63 0.00	25.13 -0.62 0.00	25.59 -0.58 0.00	27.03 -0.61 0.00	31.47 -0.81 0.00	33.76 -0.90 0.00	31.74 -0.91 3.59	42.98 -1.12 0.50	34.96 -1.47 22.43	22.25 -1.58 36.77	20.53 -1.43 35.42	26.27 -1.28 21.54	21.54 -0.97 16.32	20.93 -0.88 13.37	19.97 -0.72 10.45
SITHE___MASSENA 23902	27.60 0.27 0.00	26.10 0.26 -0.11	24.15 0.21 0.00	23.21 0.25 0.00	23.88 0.26 0.00	31.64 0.27 -6.50	98.75 -0.06 -66.77	133.17 -0.07 -97.92	137.30 -0.03 -106.47	103.27 0.05 -76.90	98.75 0.08 -72.92	141.96 0.08 -115.71	98.75 0.06 -71.06	32.70 0.42 0.00	53.95 0.62 -18.67	52.12 0.65 -15.23	54.21 0.76 -8.85	99.24 1.12 -39.27	98.75 1.21 -36.94	112.82 1.26 -54.17	112.07 0.88 -62.10	112.25 0.66 -72.76	98.75 0.56 -63.01	102.70 0.53 -71.03
SITHE___OGDNSBRG 24021	27.93 0.60 0.00	26.36 0.54 -0.09	24.39 0.45 0.00	23.43 0.48 0.00	24.19 0.57 0.00	30.73 0.60 -5.26	86.66 0.42 -54.20	115.22 0.53 -79.36	117.49 0.34 -86.29	88.88 0.24 -62.33	85.09 0.23 -59.10	120.19 0.24 -93.78	85.45 0.22 -57.60	32.92 0.65 0.00	50.73 0.94 -15.13	49.56 0.98 -12.34	52.98 1.20 -7.18	92.63 1.94 -31.83	92.90 2.36 -29.94	103.76 2.47 -43.90	101.29 1.87 -50.34	99.28 1.48 -58.97	87.48 1.23 -51.07	89.68 0.97 -57.57
SITHE___STERLING 23777	27.79 0.46 0.00	26.12 0.39 0.00	24.29 0.36 0.00	23.27 0.32 0.00	24.04 0.43 0.00	25.62 0.50 -0.26	35.97 0.93 -3.00	40.43 1.13 -3.97	36.10 0.92 -4.32	30.10 0.66 -3.12	29.30 0.59 -2.96	31.49 0.63 -4.69	31.18 0.66 -2.88	32.96 0.68 0.00	36.07 0.66 -0.76	37.93 0.83 -0.86	46.11 1.12 -0.39	63.52 1.59 -3.08	66.34 1.82 -3.93	63.82 1.89 -4.54	54.55 1.52 -3.94	44.10 1.24 -4.03	39.67 1.05 -3.44	35.37 0.66 -3.57
SLEIGHT__34_KV_TB1 80719	26.95 -0.38 0.00	25.50 -0.23 0.00	23.77 -0.17 0.00	22.68 -0.28 0.00	23.43 -0.19 0.00	24.59 -0.27 0.00	32.36 -0.13 -0.45	35.22 -0.11 0.00	30.86 0.00 0.00	26.29 -0.03 0.00	25.75 0.00 0.00	26.27 0.10 0.00	27.83 0.19 0.00	32.34 0.06 0.00	34.66 0.00 0.00	36.74 0.18 -0.32	44.74 0.09 -0.04	61.04 0.18 -2.00	63.88 0.00 -3.28	60.66 0.11 -3.16	50.96 -0.05 -1.92	40.25 -0.04 -1.46	36.47 0.11 -1.19	32.26 0.19 -0.93
SMITHTWN_69_KV_BK 1 55830	28.15 0.82 0.00	26.22 0.49 0.00	24.37 0.43 0.00	23.43 0.48 0.00	23.97 0.35 0.00	25.49 0.62 0.00	33.26 1.22 0.00	36.77 1.45 0.00	32.59 1.73 0.00	27.87 1.55 0.00	27.50 1.75 0.00	27.84 1.67 0.00	29.54 1.77 -0.14	33.90 1.45 -0.17	36.03 0.83 -0.54	37.33 0.72 -0.37	46.05 1.03 -0.42	59.79 0.94 0.01	61.86 1.27 0.01	58.24 0.86 0.01	49.77 0.69 0.01	39.56 0.74 0.01	36.05 0.88 0.00	31.76 0.62 0.00
SOUTH CAIRO___GT 23612	28.18 0.85 0.00	26.55 0.82 0.00	24.70 0.77 0.00	23.76 0.80 0.00	24.35 0.73 0.00	25.66 0.80 0.00	33.32 1.28 0.00	36.52 1.20 0.00	31.75 0.89 0.00	26.87 0.55 0.00	26.06 0.31 0.00	26.30 0.13 0.00	28.19 0.55 0.00	32.76 0.48 0.00	35.31 0.66 0.00	37.18 0.94 0.00	45.99 1.38 0.00	60.45 1.59 0.00	62.90 2.30 0.00	59.63 2.24 0.00	51.00 1.91 0.00	40.31 1.48 0.00	36.23 1.06 0.00	32.17 1.03 0.00
SOUTH HAMPTN___IC 23720	28.07 0.74 0.00	26.14 0.41 0.00	24.29 0.36 0.00	23.39 0.44 0.00	23.95 0.33 0.00	25.46 0.60 0.00	33.23 1.19 0.00	36.77 1.45 0.00	32.59 1.73 0.00	27.90 1.58 0.00	27.55 1.80 0.00	27.90 1.73 0.00	29.57 1.80 -0.14	33.93 1.49 -0.17	36.07 0.87 -0.54	37.26 0.65 -0.37	46.00 0.98 -0.42	59.85 1.00 0.01	62.04 1.45 0.01	58.36 0.97 0.01	49.86 0.78 0.01	39.72 0.89 0.01	35.81 0.63 0.00	31.80 0.66 0.00
SOUTHDOWN_115KV_TB1 355954	26.54 -0.79 0.00	25.31 -0.41 0.00	23.65 -0.29 0.00	22.52 -0.44 0.00	23.22 -0.40 0.00	24.24 -0.62 0.00	32.03 -0.38 -0.38	34.48 -0.85 0.00	30.77 -0.09 0.00	26.45 0.13 0.00	25.90 0.15 0.00	26.61 0.44 0.00	28.38 0.75 0.00	32.63 0.36 0.00	35.11 0.45 0.00	37.27 0.76 -0.27	45.80 1.16 -0.04	62.00 1.47 -1.67	64.61 1.27 -2.74	61.64 1.61 -2.64	51.72 1.03 -1.60	41.09 1.05 -1.22	37.65 1.48 -1.00	33.70 1.78 -0.78
SOUTHOLD_69_KV_BK 2 55809	28.34 1.01 0.00	26.37 0.64 0.00	24.51 0.57 0.00	23.62 0.67 0.00	24.21 0.59 0.00	25.74 0.87 0.00	33.51 1.47 0.00	37.20 1.87 0.00	32.99 2.13 0.00	28.27 1.95 0.00	27.96 2.21 0.00	28.31 2.15 0.00	30.01 2.24 -0.14	34.42 1.97 -0.17	36.58 1.39 -0.54	37.99 1.38 -0.37	47.07 2.05 -0.42	61.03 2.18 0.01	63.26 2.67 0.01	59.56 2.18 0.01	50.70 1.62 0.01	40.34 1.51 0.01	36.55 1.37 0.00	32.14 1.00 0.00
SOUTHOLD___IC 23719	28.34 1.01 0.00	26.37 0.64 0.00	24.51 0.57 0.00	23.62 0.67 0.00	24.21 0.59 0.00	25.74 0.87 0.00	33.55 1.51 0.00	37.19 1.87 0.00	32.99 2.13 0.00	28.27 1.95 0.00	27.97 2.21 0.00	28.31 2.15 0.00	30.01 2.24 -0.14	34.45 2.00 -0.17	36.59 1.39 -0.54	37.84 1.23 -0.37	46.81 1.79 -0.42	60.91 2.06 0.01	63.14 2.54 0.01	59.39 2.01 0.01	50.70 1.62 0.01	40.34 1.51 0.01	36.30 1.13 0.00	32.20 1.06 0.00
SOUTH_FORK_WT_PWR 323839	28.29 0.96 0.00	26.32 0.59 0.00	24.46 0.53 0.00	23.59 0.64 0.00	24.18 0.57 0.00	25.71 0.85 0.00	33.48 1.44 0.00	37.12 1.80 0.00	32.93 2.07 0.00	28.27 1.95 0.00	27.97 2.21 0.00	28.31 2.15 0.00	30.04 2.27 -0.14	34.48 2.03 -0.17	36.62 1.42 -0.54	37.88 1.27 -0.37	46.85 1.83 -0.42	60.97 2.12 0.01	63.20 2.60 0.01	59.44 2.06 0.01	50.70 1.62 0.01	40.34 1.51 0.01	36.27 1.09 0.00	32.17 1.03 0.00
SPIERFLS_115KV_TB 1 80737	28.81 1.48 0.00	27.04 1.31 0.00	25.25 1.32 0.00	24.26 1.31 0.00	24.92 1.30 0.00	26.21 1.34 0.00	33.96 1.92 0.00	37.48 2.15 0.00	32.28 1.42 0.00	27.45 1.13 0.00	26.63 0.88 0.00	26.95 0.79 0.00	28.30 0.80 0.13	32.96 0.84 0.16	35.03 0.90 0.53	36.13 0.25 0.36	44.69 0.49 0.41	59.62 0.77 0.00	62.05 1.45 0.00	58.71 1.32 0.00	50.36 1.28 0.00	39.80 0.97 0.00	35.95 0.77 0.00	32.67 1.53 0.00
ST LAWRENCE____ 23600	27.25 -0.08 0.00	25.64 -0.08 0.01	23.84 -0.10 0.00	22.91 -0.05 0.00	23.57 -0.05 0.00	24.26 -0.05 0.55	26.60 -0.38 5.05	27.56 -0.39 7.37	22.55 -0.31 8.00	20.33 -0.21 5.78	20.09 -0.18 5.48	17.34 -0.18 8.65	22.09 -0.19 5.35	32.34 0.06 0.00	33.40 0.21 1.46	35.26 0.22 1.19	44.07 0.22 0.75	56.26 0.36 2.96	58.25 0.43 2.78	53.77 0.46 4.08	44.66 0.25 4.68	33.52 0.16 5.47	30.54 0.11 4.74	25.90 0.09 5.34

STATE_CA_115KV_115_LB 55624	27.60 0.27 0.00	25.98 0.26 0.00	24.22 0.29 0.00	23.25 0.30 0.00	23.88 0.26 0.00	25.16 0.30 0.00	32.52 0.48 0.00	35.89 0.57 0.00	31.20 0.34 0.00	26.58 0.26 0.00	25.96 0.21 0.00	26.33 0.16 0.00	27.69 0.17 0.11	32.14 0.00 0.14	34.06 -0.14 0.46	35.77 -0.14 0.32	44.07 -0.18 0.36	58.62 -0.24 0.00	60.48 -0.12 0.00	57.16 -0.23 0.00	49.13 0.05 0.00	38.75 -0.08 0.00	35.03 -0.14 0.00	31.08 -0.06 0.00
STATE_ST_34_KV_LOAD 55959	27.39 0.05 0.00	25.78 0.05 0.00	24.01 0.07 0.00	22.95 0.00 0.00	23.69 0.07 0.00	25.01 0.05 -0.09	34.12 0.35 -1.73	37.12 0.42 -1.37	32.69 0.34 -1.50	27.63 0.24 -1.08	26.98 0.21 -1.02	28.08 0.29 -1.63	28.96 0.33 -1.00	32.54 0.26 0.00	35.16 0.24 -0.26	37.42 0.36 -0.82	45.35 0.54 -0.21	64.00 0.82 -4.32	68.03 0.73 -6.70	64.91 0.80 -6.71	54.06 0.49 -4.49	42.97 0.39 -3.76	38.72 0.42 -3.13	34.26 0.37 -2.75
STATION_5_MISC_HYD 23604	27.11 -0.22 0.00	25.70 -0.03 0.00	23.98 0.05 0.00	22.86 -0.09 0.00	23.62 0.00 0.00	24.74 -0.12 0.00	32.31 -0.06 -0.34	35.29 -0.04 0.00	30.98 0.12 0.00	26.45 0.13 0.00	25.93 0.18 0.00	26.48 0.32 0.00	28.07 0.44 0.00	32.57 0.29 0.00	34.90 0.24 0.00	36.82 0.36 -0.23	44.99 0.36 -0.03	60.73 0.47 -1.40	63.15 0.24 -2.30	60.12 0.52 -2.22	50.58 0.15 -1.35	40.05 0.20 -1.02	36.47 0.46 -0.84	32.29 0.50 -0.65
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	27.69 0.36 0.00	26.16 0.44 0.00	24.39 0.45 0.00	23.25 0.30 0.00	24.07 0.45 0.00	25.29 0.42 0.00	33.57 0.90 -0.64	37.44 2.12 0.00	32.65 1.79 0.00	27.71 1.39 0.00	27.06 1.31 0.00	27.63 1.47 0.00	29.26 1.63 0.00	33.92 1.65 0.00	36.42 1.77 0.00	39.03 2.28 -0.51	47.48 2.81 -0.07	64.13 2.06 -3.21	67.92 2.06 -5.26	64.58 2.12 -5.06	53.69 1.52 -3.08	42.29 1.13 -2.33	38.35 1.27 -1.91	33.85 1.21 -1.49
STA_56_34_KV_BUS2_REV_LBMP_B 345033	26.92 -0.41 0.00	25.52 -0.21 0.00	23.81 -0.12 0.00	22.70 -0.25 0.00	23.48 -0.14 0.00	24.59 -0.27 0.00	32.16 -0.22 -0.34	35.08 -0.25 0.00	30.83 -0.03 0.00	26.32 0.00 0.00	25.80 0.05 0.00	26.33 0.16 0.00	27.91 0.28 0.00	32.37 0.10 0.00	34.73 0.07 0.00	36.68 0.22 -0.23	44.72 0.09 -0.03	60.34 0.06 -1.42	62.87 -0.06 -2.34	59.70 0.06 -2.25	50.35 -0.10 -1.37	39.83 -0.04 -1.04	36.20 0.18 -0.85	32.15 0.34 -0.66
STA_56___34_KV_BUS2 355983	26.92 -0.41 0.00	25.52 -0.21 0.00	23.81 -0.12 0.00	22.70 -0.25 0.00	23.48 -0.14 0.00	24.59 -0.27 0.00	32.16 -0.22 -0.34	35.08 -0.25 0.00	30.83 -0.03 0.00	26.32 0.00 0.00	25.80 0.05 0.00	26.33 0.16 0.00	27.91 0.28 0.00	32.37 0.10 0.00	34.73 0.07 0.00	36.68 0.22 -0.23	44.72 0.09 -0.03	60.34 0.06 -1.42	62.87 -0.06 -2.34	59.70 0.06 -2.25	50.35 -0.10 -1.37	39.83 -0.04 -1.04	36.20 0.18 -0.85	32.15 0.34 -0.66
STA_67___115KV_BK2 355882	27.03 -0.30 0.00	25.65 -0.08 0.00	23.93 0.00 0.00	22.81 -0.14 0.00	23.57 -0.05 0.00	24.72 -0.15 0.00	32.28 -0.10 -0.34	35.18 -0.14 0.00	30.92 0.06 0.00	26.40 0.08 0.00	25.88 0.13 0.00	26.40 0.24 0.00	27.99 0.36 0.00	32.47 0.19 0.00	34.83 0.17 0.00	36.79 0.33 -0.22	44.86 0.22 -0.03	60.44 0.18 -1.40	62.96 0.06 -2.30	59.83 0.23 -2.21	50.48 0.05 -1.34	39.93 0.08 -1.02	36.36 0.35 -0.83	32.32 0.53 -0.65
STA_7___115KV_9TRANS 80674	27.17 -0.16 0.00	25.78 0.05 0.00	24.08 0.14 0.00	22.93 -0.02 0.00	23.71 0.09 0.00	24.84 -0.02 0.00	32.47 0.10 -0.34	35.43 0.11 0.00	31.14 0.28 0.00	26.58 0.26 0.00	26.06 0.31 0.00	26.61 0.44 0.00	28.21 0.58 0.00	32.73 0.45 0.00	35.11 0.45 0.00	37.11 0.65 -0.23	45.26 0.62 -0.03	60.91 0.65 -1.40	63.45 0.55 -2.30	60.30 0.69 -2.22	50.88 0.44 -1.35	40.24 0.39 -1.02	36.61 0.60 -0.84	32.54 0.75 -0.65
STA_82___115KV_TB1 80780	27.03 -0.30 0.00	25.65 -0.08 0.00	23.96 0.02 0.00	22.84 -0.11 0.00	23.60 -0.02 0.00	24.72 -0.15 0.00	32.29 -0.10 -0.34	35.22 -0.11 0.00	30.95 0.09 0.00	26.42 0.11 0.00	25.88 0.13 0.00	26.43 0.26 0.00	28.02 0.39 0.00	32.50 0.23 0.00	34.83 0.17 0.00	36.83 0.36 -0.23	44.86 0.22 -0.03	60.52 0.24 -1.42	63.05 0.12 -2.33	59.86 0.23 -2.25	50.50 0.05 -1.37	39.98 0.12 -1.03	36.37 0.35 -0.85	32.33 0.53 -0.66
STEEL___WIND 323596	26.70 -0.63 0.00	25.42 -0.31 0.00	23.77 -0.17 0.00	22.65 -0.30 0.00	23.34 -0.28 0.00	24.32 -0.55 0.00	31.63 -0.77 -0.36	34.09 -1.24 0.00	30.21 -0.65 0.00	25.92 -0.39 0.00	25.41 -0.34 0.00	26.06 -0.10 0.00	27.69 0.06 0.00	31.89 -0.39 0.00	34.24 -0.41 0.00	35.95 -0.54 -0.26	44.01 -0.62 -0.04	59.52 -0.94 -1.60	61.84 -1.39 -2.63	59.23 -0.69 -2.53	49.54 -1.08 -1.54	39.57 -0.43 -1.17	36.41 0.28 -0.96	32.48 0.59 -0.75
STEPHTWN_115KV_BK_2 55603	27.71 0.38 0.00	26.09 0.36 0.00	24.32 0.38 0.00	23.34 0.39 0.00	23.97 0.35 0.00	25.26 0.40 0.00	32.68 0.64 0.00	36.10 0.78 0.00	31.29 0.43 0.00	26.69 0.37 0.00	26.06 0.31 0.00	26.40 0.24 0.00	27.77 0.25 0.11	32.24 0.10 0.14	34.21 0.00 0.45	35.93 0.00 0.31	44.30 0.04 0.34	58.98 0.12 0.00	60.90 0.30 0.00	57.56 0.17 0.00	49.43 0.34 0.00	38.95 0.12 0.00	35.25 0.07 0.00	31.27 0.12 0.00
STEUBEN_REC_LFGE 323667	26.59 -0.74 0.00	25.19 -0.54 0.00	23.43 -0.50 0.00	22.38 -0.57 0.00	23.08 -0.54 0.00	24.19 -0.67 0.00	31.99 -0.51 -0.47	34.58 -0.74 0.00	30.21 -0.65 0.00	25.74 -0.58 0.00	25.11 -0.64 0.00	25.72 -0.44 0.00	27.36 -0.28 0.00	31.70 -0.58 0.00	34.14 -0.52 0.00	36.29 -0.29 -0.35	44.56 -0.09 -0.05	61.20 0.18 -2.17	64.45 0.30 -3.55	61.61 0.80 -3.42	51.41 0.25 -2.08	40.68 0.27 -1.58	37.06 0.60 -1.29	32.93 0.78 -1.01
STILLWATER___SOLAR 323814	28.45 1.12 0.00	26.76 1.03 0.00	24.96 1.03 0.00	23.96 1.01 0.00	24.61 0.99 0.00	25.91 1.04 0.00	33.58 1.54 0.00	37.02 1.70 0.00	32.00 1.14 0.00	27.18 0.87 0.00	26.42 0.67 0.00	26.77 0.60 0.00	28.10 0.61 0.15	32.65 0.55 0.18	34.66 0.59 0.59	36.34 0.51 0.40	44.91 0.76 0.45	59.98 1.12 0.00	62.24 1.64 0.00	58.88 1.49 0.00	50.56 1.47 0.00	39.88 1.05 0.00	36.06 0.88 0.00	32.20 1.06 0.00
STONY___BROOK 24151	28.12 0.79 0.00	26.21 0.49 0.00	24.34 0.41 0.00	23.41 0.46 0.00	23.97 0.35 0.00	25.46 0.60 0.00	33.26 1.22 0.00	36.77 1.45 0.00	32.55 1.70 0.00	27.87 1.55 0.00	27.50 1.75 0.00	27.84 1.68 0.00	29.51 1.74 -0.14	33.90 1.45 -0.17	36.03 0.83 -0.54	37.19 0.58 -0.37	45.86 0.85 -0.42	59.62 0.76 0.01	61.74 1.15 0.01	58.07 0.69 0.01	49.71 0.64 0.01	39.56 0.74 0.01	35.77 0.60 0.00	31.80 0.66 0.00
STURGEON_POOL_HYD 23609	28.21 0.87 0.00	26.50 0.77 0.00	24.63 0.69 0.00	23.62 0.67 0.00	24.23 0.61 0.00	25.56 0.70 0.00	33.38 1.35 0.00	36.70 1.38 0.00	32.12 1.27 0.00	27.42 1.11 0.00	26.86 1.11 0.00	27.22 1.05 0.00	28.95 1.24 -0.07	33.40 1.03 -0.09	36.01 1.07 -0.28	37.48 1.05 -0.19	46.07 1.25 -0.21	60.04 1.18 0.00	61.87 1.27 0.00	58.36 0.98 0.00	50.12 1.03 0.00	39.76 0.93 0.00	35.95 0.77 0.00	31.73 0.59 0.00

ST_LAW_115_BK7_LBMP 345037	27.28 -0.05 0.00	25.66 -0.05 0.01	23.86 -0.07 0.00	22.91 -0.05 0.00	23.60 -0.02 0.00	24.13 -0.05 0.68	24.63 -0.38 7.03	24.64 -0.42 10.26	19.36 -0.34 11.16	18.05 -0.21 8.06	17.90 -0.21 7.64	13.86 -0.18 12.13	19.96 -0.22 7.45	32.34 0.06 0.00	32.91 0.21 1.96	34.86 0.22 1.60	43.90 0.22 0.93	55.16 0.41 4.12	57.21 0.48 3.87	52.23 0.52 5.68	42.87 0.30 6.51	31.40 0.20 7.62	28.71 0.14 6.60	23.82 0.13 7.44
ST_LAW_115_BK8_LBMP 345038	27.28 -0.05 0.00	25.66 -0.05 0.01	23.86 -0.07 0.00	22.91 -0.05 0.00	23.60 -0.02 0.00	24.13 -0.05 0.68	24.63 -0.38 7.03	24.64 -0.42 10.26	19.36 -0.34 11.16	18.05 -0.21 8.06	17.90 -0.21 7.64	13.86 -0.18 12.13	19.96 -0.22 7.45	32.34 0.06 0.00	32.91 0.21 1.96	34.86 0.22 1.60	43.90 0.22 0.93	55.16 0.41 4.12	57.21 0.48 3.87	52.23 0.52 5.68	42.87 0.30 6.51	31.40 0.20 7.62	28.71 0.14 6.60	23.82 0.13 7.44
ST_LAW_230_BK5_LBMP 345035	27.25 -0.08 0.00	25.64 -0.08 0.01	23.84 -0.10 0.00	22.91 -0.05 0.00	23.57 -0.05 0.00	24.41 -0.05 0.40	27.53 -0.38 4.12	28.92 -0.39 6.01	24.01 -0.31 6.54	21.38 -0.21 4.72	21.09 -0.18 4.48	18.88 -0.18 7.11	23.08 -0.19 4.36	32.34 0.06 0.00	33.72 0.21 1.15	35.52 0.22 0.94	44.28 0.22 0.54	56.80 0.36 2.41	58.76 0.43 2.27	54.52 0.46 3.33	45.52 0.25 3.81	34.52 0.16 4.47	31.41 0.11 3.87	26.87 0.09 4.36
ST_LAW_230_BK6_LBMP 345036	27.25 -0.08 0.00	25.64 -0.08 0.01	23.84 -0.10 0.00	22.91 -0.05 0.00	23.57 -0.05 0.00	24.41 -0.05 0.40	27.53 -0.38 4.12	28.92 -0.39 6.01	24.01 -0.31 6.54	21.38 -0.21 4.72	21.09 -0.18 4.48	18.88 -0.18 7.11	23.08 -0.19 4.36	32.34 0.06 0.00	33.72 0.21 1.15	35.52 0.22 0.94	44.28 0.22 0.54	56.80 0.36 2.41	58.76 0.43 2.27	54.52 0.46 3.33	45.52 0.25 3.81	34.52 0.16 4.47	31.41 0.11 3.87	26.87 0.09 4.36
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	28.15 0.82 0.00	26.42 0.69 0.00	24.58 0.65 0.00	23.55 0.60 0.00	24.19 0.57 0.00	25.51 0.65 0.00	33.26 1.22 0.00	36.60 1.27 0.00	32.06 1.20 0.00	27.40 1.08 0.00	26.83 1.08 0.00	27.19 1.02 0.00	28.86 1.11 -0.12	33.29 0.87 -0.14	35.99 0.87 -0.47	37.43 0.87 -0.33	46.08 1.12 -0.36	60.04 1.18 0.00	61.93 1.33 0.00	58.36 0.98 0.00	50.12 1.03 0.00	39.72 0.89 0.00	35.98 0.81 0.00	31.76 0.62 0.00
SWANROAD_115KV_TB1 355699	26.46 -0.87 0.00	25.31 -0.41 0.00	23.67 -0.26 0.00	22.54 -0.41 0.00	23.24 -0.38 0.00	24.19 -0.67 0.00	31.02 -1.38 -0.35	33.45 -1.87 0.00	29.66 -1.20 0.00	25.42 -0.89 0.00	24.93 -0.82 0.00	25.54 -0.63 0.00	27.14 -0.50 0.00	31.25 -1.03 0.00	33.55 -1.11 0.00	35.25 -1.23 -0.25	42.85 -1.78 -0.03	57.52 -2.88 -1.55	59.86 -3.27 -2.53	57.13 -2.70 -2.44	48.02 -2.55 -1.48	38.52 -1.44 -1.12	35.46 -0.63 -0.92	31.96 0.09 -0.72
SYNERGY___BIOGAS 323694	27.33 0.00 0.00	26.09 0.36 0.00	24.41 0.48 0.00	23.18 0.23 0.00	24.00 0.38 0.00	25.09 0.22 0.00	32.58 0.19 -0.35	35.39 0.07 0.00	31.26 0.40 0.00	26.69 0.37 0.00	26.14 0.39 0.00	26.72 0.55 0.00	28.41 0.77 0.00	32.83 0.55 0.00	35.21 0.55 0.00	37.28 0.80 -0.24	45.35 0.71 -0.03	61.18 0.82 -1.50	63.85 0.79 -2.46	60.79 1.03 -2.37	51.12 0.59 -1.44	40.58 0.66 -1.09	37.16 1.09 -0.89	33.24 1.40 -0.70
SYRACUSE___ENERGY_ST1 323597	27.25 -0.08 0.00	25.65 -0.08 0.00	23.86 -0.07 0.00	22.84 -0.11 0.00	23.55 -0.07 0.00	24.88 -0.10 -0.11	34.13 0.10 -1.99	37.04 0.07 -1.64	32.74 0.09 -1.79	27.64 0.03 -1.29	27.00 0.03 -1.23	28.19 0.08 -1.94	28.94 0.11 -1.19	32.25 -0.03 0.00	34.90 -0.07 -0.31	37.16 0.00 -0.92	44.84 0.00 -0.24	63.82 0.18 -4.78	68.05 0.06 -7.39	64.93 0.11 -7.42	54.08 0.00 -5.00	43.04 0.00 -4.21	38.72 0.04 -3.51	34.31 0.06 -3.11
SYRACUSE___ENERGY_ST2 323598	27.25 -0.08 0.00	25.65 -0.08 0.00	23.86 -0.07 0.00	22.84 -0.11 0.00	23.55 -0.07 0.00	24.88 -0.10 -0.11	34.13 0.10 -1.99	37.04 0.07 -1.64	32.74 0.09 -1.79	27.64 0.03 -1.29	27.00 0.03 -1.23	28.19 0.08 -1.94	28.94 0.11 -1.19	32.25 -0.03 0.00	34.90 -0.07 -0.31	37.16 0.00 -0.92	44.84 0.00 -0.24	63.82 0.18 -4.78	68.05 0.06 -7.39	64.93 0.11 -7.42	54.08 0.00 -5.00	43.04 0.00 -4.21	38.72 0.04 -3.51	34.31 0.06 -3.11
SYRACUSE___POWER 24017	27.19 -0.14 0.00	25.63 -0.10 0.00	23.84 -0.10 0.00	22.81 -0.14 0.00	23.52 -0.09 0.00	24.86 -0.12 -0.12	33.96 0.06 -1.85	37.16 0.07 -1.76	32.84 0.06 -1.92	27.70 0.00 -1.38	27.06 0.00 -1.31	28.33 0.08 -2.08	29.00 0.08 -1.28	32.21 -0.06 0.00	34.85 -0.14 -0.34	36.94 -0.07 -0.78	44.79 -0.04 -0.23	62.69 0.00 -3.83	66.27 -0.12 -5.79	63.24 -0.06 -5.91	53.10 -0.10 -4.11	42.33 -0.08 -3.58	38.13 -0.04 -2.99	33.84 -0.03 -2.73
TALLMAN_138KV_BK151 55660	28.29 0.96 0.00	26.55 0.82 0.00	24.68 0.74 0.00	23.66 0.71 0.00	24.28 0.66 0.00	25.64 0.77 0.00	33.45 1.41 0.00	36.81 1.48 0.00	32.28 1.42 0.00	27.58 1.26 0.00	27.04 1.29 0.00	27.40 1.23 0.00	29.09 1.33 -0.12	33.53 1.10 -0.15	36.23 1.07 -0.50	37.67 1.09 -0.35	46.37 1.38 -0.39	60.33 1.47 0.00	62.24 1.64 0.00	58.59 1.21 0.00	50.31 1.23 0.00	39.88 1.05 0.00	36.16 0.98 0.00	31.92 0.78 0.00
TEALLAVE_115KV_TB7 355573	27.14 -0.19 0.00	25.55 -0.18 0.00	23.79 -0.14 0.00	22.77 -0.18 0.00	23.45 -0.17 0.00	24.82 -0.17 -0.13	33.96 -0.03 -1.95	37.31 -0.04 -2.02	33.06 0.00 -2.20	27.86 -0.05 -1.59	27.21 -0.05 -1.51	28.59 0.03 -2.39	29.13 0.03 -1.47	32.15 -0.13 0.00	34.80 -0.24 -0.39	36.82 -0.18 -0.76	44.63 -0.22 -0.25	62.22 -0.24 -3.59	65.56 -0.36 -5.32	62.61 -0.29 -5.51	52.74 -0.29 -3.95	42.12 -0.23 -3.52	37.96 -0.18 -2.96	33.78 -0.12 -2.76
TELGRAPH_34_KV_EAST 80808	26.92 -0.41 0.00	25.70 -0.03 0.00	24.03 0.10 0.00	22.86 -0.09 0.00	23.62 0.00 0.00	24.64 -0.22 0.00	31.91 -0.48 -0.35	34.55 -0.78 0.00	30.55 -0.31 0.00	26.13 -0.18 0.00	25.62 -0.13 0.00	26.25 0.08 0.00	27.88 0.25 0.00	32.18 -0.10 0.00	34.52 -0.14 0.00	36.44 -0.04 -0.24	44.32 -0.31 -0.03	59.61 -0.77 -1.52	62.11 -0.97 -2.48	59.15 -0.63 -2.39	49.76 -0.79 -1.46	39.66 -0.27 -1.10	36.40 0.32 -0.90	32.63 0.78 -0.71
TEMPLE___115KV_TB 2 55572	27.14 -0.19 0.00	25.57 -0.15 0.00	23.79 -0.14 0.00	22.77 -0.18 0.00	23.48 -0.14 0.00	24.82 -0.17 -0.13	33.96 0.00 -1.92	37.30 0.00 -1.98	33.01 0.00 -2.15	27.84 -0.03 -1.55	27.20 -0.03 -1.47	28.53 0.03 -2.33	29.12 0.06 -1.43	32.15 -0.13 0.00	34.83 -0.21 -0.38	36.85 -0.14 -0.75	44.67 -0.18 -0.24	62.26 -0.18 -3.58	65.61 -0.30 -5.32	62.66 -0.23 -5.50	52.72 -0.29 -3.93	42.13 -0.19 -3.49	37.97 -0.14 -2.93	33.75 -0.12 -2.73
TIANA___69_KV_BK 1 55817	28.04 0.71 0.00	26.09 0.36 0.00	24.25 0.31 0.00	23.34 0.39 0.00	23.90 0.28 0.00	25.39 0.52 0.00	33.13 1.09 0.00	36.70 1.38 0.00	32.49 1.64 0.00	27.82 1.50 0.00	27.48 1.73 0.00	27.79 1.62 0.00	29.46 1.69 -0.14	33.80 1.36 -0.17	35.96 0.76 -0.54	37.26 0.65 -0.37	46.09 1.07 -0.42	59.79 0.94 0.01	61.99 1.39 0.01	58.36 0.98 0.01	49.77 0.69 0.01	39.60 0.78 0.01	35.95 0.77 0.00	31.64 0.50 0.00

TILDEN___115KV_TB1 80814	27.19 -0.14 0.00	25.63 -0.10 0.00	23.84 -0.10 0.00	22.81 -0.14 0.00	23.52 -0.09 0.00	24.86 -0.12 -0.12	33.96 0.06 -1.85	37.16 0.07 -1.76	32.84 0.06 -1.92	27.70 0.00 -1.38	27.06 0.00 -1.31	28.33 0.08 -2.08	29.00 0.08 -1.28	32.21 -0.06 0.00	34.85 -0.14 -0.34	36.94 -0.07 -0.78	44.79 -0.04 -0.23	62.69 0.00 -3.83	66.27 -0.12 -5.79	63.24 -0.06 -5.91	53.10 -0.10 -4.11	42.33 -0.08 -3.58	38.13 -0.04 -2.99	33.84 -0.03 -2.73
TRIGEN___CC 323695	28.18 0.85 0.00	26.32 0.59 0.00	24.46 0.53 0.00	23.48 0.53 0.00	24.07 0.45 0.00	25.51 0.65 0.00	33.22 1.19 0.00	36.67 1.34 0.00	32.43 1.57 0.00	27.77 1.45 0.00	27.35 1.60 0.00	27.71 1.54 0.00	29.40 1.63 -0.14	33.74 1.29 -0.17	36.03 0.83 -0.54	37.44 0.83 -0.37	46.09 1.07 -0.42	59.85 1.00 0.01	61.81 1.21 0.01	58.19 0.80 0.01	49.86 0.79 0.01	39.56 0.74 0.01	35.98 0.81 0.00	31.73 0.59 0.00
TRINITY___115KV___4 BK 55933	27.52 0.19 0.00	25.91 0.18 0.00	24.15 0.22 0.00	23.18 0.23 0.00	23.81 0.19 0.00	25.06 0.20 0.00	32.39 0.35 0.00	35.78 0.46 0.00	31.11 0.25 0.00	26.50 0.18 0.00	25.88 0.13 0.00	26.25 0.08 0.00	27.61 0.08 0.11	32.01 -0.13 0.14	33.97 -0.24 0.45	35.64 -0.29 0.31	43.90 -0.36 0.35	58.39 -0.47 0.00	60.24 -0.36 0.00	56.87 -0.52 0.00	48.89 -0.20 0.00	38.56 -0.27 0.00	34.89 -0.28 0.00	30.99 -0.16 0.00
UNION___PROCESSING_DRP 323587	27.06 -0.27 0.00	25.65 -0.08 0.00	23.96 0.02 0.00	22.84 -0.11 0.00	23.60 -0.02 0.00	24.72 -0.15 0.00	32.29 -0.10 -0.35	35.22 -0.11 0.00	30.95 0.09 0.00	26.42 0.11 0.00	25.90 0.15 0.00	26.43 0.26 0.00	28.02 0.39 0.00	32.50 0.23 0.00	34.86 0.21 0.00	36.83 0.36 -0.23	44.90 0.27 -0.03	60.52 0.24 -1.43	63.06 0.12 -2.34	59.93 0.29 -2.26	50.56 0.10 -1.37	39.99 0.12 -1.04	36.38 0.35 -0.85	32.34 0.53 -0.67
UPPER HUDSON___HYD 24058	28.78 1.45 0.00	27.04 1.31 0.00	25.25 1.32 0.00	24.26 1.31 0.00	24.92 1.30 0.00	26.21 1.34 0.00	33.96 1.92 0.00	37.48 2.16 0.00	32.31 1.45 0.00	27.45 1.13 0.00	26.63 0.88 0.00	26.95 0.78 0.00	28.31 0.80 0.13	32.95 0.84 0.16	35.03 0.90 0.53	36.16 0.29 0.36	44.69 0.49 0.41	59.62 0.76 0.00	62.05 1.45 0.00	58.65 1.26 0.00	50.36 1.27 0.00	39.80 0.97 0.00	35.95 0.77 0.00	32.67 1.53 0.00
UPPER RAQUET___HYD 24056	27.55 0.22 0.00	25.99 0.18 -0.08	24.08 0.14 0.00	23.14 0.18 0.00	23.85 0.24 0.00	29.62 0.27 -4.48	78.25 0.03 -46.18	103.05 0.14 -67.58	104.47 0.12 -73.48	79.50 0.11 -53.08	76.21 0.13 -50.33	106.19 0.16 -79.86	76.82 0.14 -49.04	32.76 0.48 0.00	48.27 0.73 -12.89	47.49 0.65 -10.60	51.30 0.58 -6.12	87.60 1.06 -27.68	88.37 1.33 -26.44	97.06 1.38 -38.30	93.48 0.98 -43.42	90.24 0.78 -50.63	79.71 0.70 -43.83	81.09 0.66 -49.29
VALLEY44_115KV_TB2 355964	26.46 -0.87 0.00	25.21 -0.51 0.00	23.58 -0.36 0.00	22.42 -0.53 0.00	23.12 -0.50 0.00	24.10 -0.77 0.00	31.55 -0.87 -0.38	33.59 -1.73 0.00	29.93 -0.93 0.00	25.66 -0.66 0.00	25.11 -0.64 0.00	25.78 -0.39 0.00	27.30 -0.33 0.00	31.37 -0.90 0.00	33.72 -0.94 0.00	35.64 -0.87 -0.27	43.75 -0.89 -0.04	59.13 -1.41 -1.68	61.72 -1.64 -2.76	58.73 -1.32 -2.66	49.38 -1.33 -1.62	39.28 -0.78 -1.23	36.07 -0.11 -1.00	32.49 0.56 -0.78
VALLEY___115KV_TB 1-4 80826	27.22 -0.11 0.00	25.60 -0.13 0.00	23.81 -0.12 0.00	22.84 -0.11 0.00	23.55 -0.07 0.00	24.77 -0.20 -0.10	33.02 -0.10 -1.07	37.03 0.11 -1.60	32.75 0.15 -1.74	27.60 0.03 -1.26	27.02 0.08 -1.19	28.16 0.10 -1.89	28.93 0.14 -1.16	32.37 0.10 0.00	34.96 0.00 -0.30	36.56 0.07 -0.25	44.84 0.09 -0.14	59.50 0.00 -0.64	61.32 0.12 -0.60	58.39 0.11 -0.88	50.25 0.15 -1.01	40.25 0.23 -1.19	36.34 0.14 -1.03	32.21 -0.09 -1.16
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	28.23 0.90 0.00	26.52 0.80 0.00	24.68 0.74 0.00	23.62 0.67 0.00	24.37 0.76 0.00	25.71 0.85 0.00	33.70 1.44 -0.22	36.95 1.62 0.00	32.28 1.42 0.00	27.45 1.13 0.00	26.81 1.06 0.00	27.22 1.05 0.00	28.71 1.08 0.00	33.34 1.07 0.00	35.70 1.04 0.00	37.64 1.23 -0.17	46.23 1.61 -0.02	61.96 2.06 -1.04	64.55 2.24 -1.71	61.16 2.12 -1.65	52.00 1.91 -1.00	41.22 1.63 -0.76	37.20 1.41 -0.62	32.59 0.97 -0.49
VISCHER___FERRY HYD 24020	28.09 0.76 0.00	26.42 0.69 0.00	24.60 0.67 0.00	23.62 0.67 0.00	24.26 0.64 0.00	25.54 0.67 0.00	33.09 1.06 0.00	36.49 1.16 0.00	31.66 0.80 0.00	26.95 0.63 0.00	26.29 0.54 0.00	26.64 0.47 0.00	27.92 0.47 0.18	32.38 0.32 0.22	34.25 0.31 0.72	36.03 0.29 0.50	44.45 0.40 0.56	59.51 0.65 0.00	61.45 0.85 0.00	58.08 0.69 0.00	49.97 0.88 0.00	39.33 0.50 0.00	35.60 0.42 0.00	31.64 0.50 0.00
V_A_10_SYNC_DSASP 323832	26.59 -0.74 0.00	25.39 -0.33 0.00	23.72 -0.22 0.00	22.61 -0.34 0.00	23.31 -0.31 0.00	24.32 -0.55 0.00	31.54 -0.83 -0.34	34.12 -1.20 0.00	30.18 -0.68 0.00	25.84 -0.47 0.00	25.34 -0.41 0.00	25.96 -0.21 0.00	27.52 -0.11 0.00	31.73 -0.55 0.00	34.07 -0.59 0.00	35.82 -0.65 -0.23	43.61 -1.03 -0.03	58.61 -1.71 -1.46	60.93 -2.06 -2.39	58.14 -1.55 -2.30	48.91 -1.57 -1.40	39.07 -0.82 -1.06	35.87 -0.18 -0.87	32.19 0.37 -0.68
V_CMM_10_SYNC_DSASP 323787	27.39 0.05 0.00	25.77 0.05 0.01	23.96 0.02 0.00	23.02 0.07 0.00	23.69 0.07 0.00	24.23 0.05 0.68	24.75 -0.26 7.03	24.81 -0.25 10.26	19.52 -0.19 11.16	18.15 -0.11 8.06	18.03 -0.08 7.64	13.99 -0.05 12.13	20.10 -0.08 7.45	32.47 0.19 0.00	33.08 0.38 1.96	35.04 0.40 1.60	44.17 0.49 0.93	55.45 0.71 4.12	57.46 0.73 3.87	52.52 0.80 5.68	43.12 0.54 6.51	31.59 0.39 7.62	28.89 0.32 6.60	23.98 0.28 7.44
V_CMP_10_SYNC_DSASP 323788	27.25 -0.08 0.00	25.66 -0.08 -0.01	23.84 -0.10 0.00	23.02 0.07 0.00	23.76 0.14 0.00	25.43 0.22 -0.34	35.82 0.29 -3.50	40.95 0.46 -5.17	37.13 0.65 -5.62	31.30 0.92 -4.06	30.66 1.06 -3.85	33.40 1.12 -6.11	32.52 1.13 -3.75	33.86 1.58 0.00	37.51 1.87 -0.99	39.07 2.03 -0.80	47.66 2.59 -0.47	64.64 3.71 -2.07	66.61 4.06 -1.95	64.26 4.02 -2.86	55.41 3.04 -3.28	44.84 2.17 -3.84	40.22 1.72 -3.33	36.32 1.43 -3.75
V_D_10_SYNC_DSASP 323841	27.60 0.27 0.00	26.10 0.26 -0.11	24.15 0.21 0.00	23.21 0.25 0.00	23.88 0.26 0.00	31.67 0.27 -6.53	99.05 -0.06 -67.08	133.61 -0.07 -98.36	137.81 0.00 -106.95	103.62 0.05 -77.25	99.08 0.08 -73.25	142.48 0.08 -116.23	99.10 0.08 -71.38	32.70 0.42 0.00	54.04 0.62 -18.76	52.19 0.65 -15.30	54.25 0.76 -8.89	99.42 1.12 -39.44	98.92 1.21 -37.11	113.06 1.26 -54.41	112.35 0.88 -62.38	112.57 0.66 -73.08	99.03 0.56 -63.30	103.02 0.53 -71.35
V_E_10_SYNC_DSASP 323830	28.40 1.06 0.00	26.60 0.88 0.00	24.72 0.79 0.00	23.64 0.69 0.00	24.61 0.99 0.00	26.01 1.14 0.00	34.56 2.08 -0.44	37.80 2.47 0.00	32.93 2.07 0.00	27.76 1.45 0.00	27.04 1.29 0.00	27.55 1.39 0.00	29.07 1.44 0.00	33.86 1.58 0.00	36.29 1.63 0.00	38.67 2.10 -0.33	47.68 3.03 -0.05	65.39 4.47 -2.06	68.95 4.97 -3.38	65.70 5.05 -3.26	55.09 4.03 -1.98	43.59 3.26 -1.50	39.22 2.82 -1.23	33.88 1.77 -0.96



V_F_30_NSYNC___DSASP 323816	28.48 1.15 0.00	26.78 1.06 0.00	24.99 1.05 0.00	23.99 1.03 0.00	24.63 1.01 0.00	25.93 1.07 0.00	33.61 1.57 0.00	37.05 1.73 0.00	32.03 1.17 0.00	27.24 0.92 0.00	26.47 0.72 0.00	26.82 0.65 0.00	28.16 0.66 0.14	32.75 0.65 0.17	34.79 0.69 0.56	36.47 0.62 0.39	45.02 0.85 0.43	60.10 1.24 0.00	62.36 1.76 0.00	58.94 1.55 0.00	50.61 1.52 0.00	39.92 1.09 0.00	36.09 0.91 0.00	32.23 1.09 0.00
V_F_30_SYNC_DSASP 323786	27.60 0.27 0.00	25.98 0.26 0.00	24.22 0.29 0.00	23.25 0.30 0.00	23.88 0.26 0.00	25.16 0.30 0.00	32.52 0.48 0.00	35.89 0.57 0.00	31.20 0.34 0.00	26.58 0.26 0.00	25.96 0.21 0.00	26.33 0.16 0.00	27.69 0.17 0.11	32.14 0.00 0.14	34.06 -0.14 0.46	35.77 -0.14 0.32	44.07 -0.18 0.36	58.62 -0.24 0.00	60.48 -0.12 0.00	57.16 -0.23 0.00	49.13 0.05 0.00	38.75 -0.08 0.00	35.03 -0.14 0.00	31.08 -0.06 0.00
V_XM_10_SYNC_DSASP 323789	27.25 -0.08 0.00	25.66 -0.08 -0.01	23.84 -0.10 0.00	23.02 0.07 0.00	23.76 0.14 0.00	25.43 0.22 -0.34	35.82 0.29 -3.50	40.95 0.46 -5.17	37.13 0.65 -5.62	31.30 0.92 -4.06	30.66 1.06 -3.85	33.40 1.12 -6.11	32.52 1.13 -3.75	33.86 1.58 0.00	37.51 1.87 -0.99	39.07 2.03 -0.80	47.66 2.59 -0.47	64.64 3.71 -2.07	66.61 4.06 -1.95	64.26 4.02 -2.86	55.41 3.04 -3.28	44.84 2.17 -3.84	40.22 1.72 -3.33	36.32 1.43 -3.75
W.BABYLN_69_KV_BK1 56697	28.42 1.09 0.00	26.47 0.75 0.00	24.60 0.67 0.00	23.64 0.69 0.00	24.21 0.59 0.00	25.71 0.85 0.00	33.51 1.47 0.00	37.05 1.73 0.00	32.80 1.94 0.00	28.08 1.76 0.00	27.71 1.96 0.00	28.05 1.88 0.00	29.76 1.99 -0.14	34.12 1.68 -0.17	36.31 1.11 -0.54	37.70 1.09 -0.37	46.54 1.52 -0.42	60.38 1.53 0.01	62.53 1.94 0.01	58.87 1.49 0.01	50.31 1.23 0.01	39.95 1.13 0.01	36.37 1.20 0.00	32.04 0.90 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	28.40 1.07 0.00	26.65 0.93 0.00	24.77 0.84 0.00	23.76 0.80 0.00	24.37 0.76 0.00	25.71 0.85 0.00	33.61 1.57 0.00	36.98 1.66 0.00	32.43 1.57 0.00	27.71 1.39 0.00	27.14 1.39 0.00	27.53 1.36 0.00	29.20 1.44 -0.13	33.69 1.26 -0.16	36.42 1.25 -0.51	37.86 1.27 -0.36	46.61 1.61 -0.40	60.68 1.82 0.00	62.54 1.94 0.00	58.94 1.55 0.00	50.61 1.52 0.00	40.07 1.24 0.00	36.34 1.16 0.00	32.04 0.90 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	28.45 1.12 0.00	26.70 0.98 0.00	24.82 0.89 0.00	23.80 0.85 0.00	24.42 0.80 0.00	25.79 0.92 0.00	33.74 1.70 0.00	37.23 1.91 0.00	32.71 1.85 0.00	27.98 1.66 0.00	27.42 1.67 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.03 1.58 -0.17	36.77 1.56 -0.55	38.21 1.59 -0.38	46.99 1.96 -0.42	60.98 2.12 0.00	62.84 2.24 0.00	59.11 1.72 0.00	50.71 1.62 0.00	40.31 1.48 0.00	36.51 1.34 0.00	32.17 1.03 0.00
W50THST__13_KV_LOAD 356117	28.59 1.26 0.00	26.83 1.11 0.00	24.94 1.01 0.00	23.89 0.94 0.00	24.54 0.92 0.00	25.91 1.04 0.00	33.93 1.89 0.00	37.44 2.12 0.00	32.93 2.07 0.00	28.13 1.82 0.00	27.58 1.83 0.00	27.95 1.78 0.00	29.70 1.93 -0.14	34.25 1.81 -0.17	37.01 1.80 -0.55	38.47 1.85 -0.38	47.30 2.27 -0.42	61.33 2.47 0.00	63.14 2.55 0.00	59.34 1.95 0.00	50.95 1.87 0.00	40.50 1.67 0.00	36.69 1.51 0.00	32.36 1.21 0.00
WADING RIVER_IC_1 23522	27.77 0.44 0.00	25.86 0.13 0.00	24.03 0.10 0.00	23.14 0.18 0.00	23.69 0.07 0.00	25.17 0.30 0.00	32.84 0.80 0.00	36.35 1.03 0.00	32.18 1.33 0.00	27.53 1.21 0.00	27.19 1.44 0.00	27.50 1.33 0.00	29.15 1.38 -0.14	33.45 1.00 -0.17	35.58 0.38 -0.54	36.72 0.11 -0.37	45.29 0.27 -0.42	58.91 0.06 0.01	61.02 0.43 0.01	57.38 0.00 0.01	49.13 0.05 0.01	39.10 0.27 0.01	35.32 0.14 0.00	31.39 0.25 0.00
WADING RIVER_IC_2 23547	27.77 0.44 0.00	25.86 0.13 0.00	24.03 0.10 0.00	23.14 0.18 0.00	23.69 0.07 0.00	25.17 0.30 0.00	32.84 0.80 0.00	36.35 1.03 0.00	32.18 1.33 0.00	27.53 1.21 0.00	27.19 1.44 0.00	27.50 1.33 0.00	29.15 1.38 -0.14	33.45 1.00 -0.17	35.58 0.38 -0.54	36.72 0.11 -0.37	45.29 0.27 -0.42	58.91 0.06 0.01	61.02 0.43 0.01	57.38 0.00 0.01	49.13 0.05 0.01	39.10 0.27 0.01	35.32 0.14 0.00	31.39 0.25 0.00
WADING RIVER_IC_3 23601	27.77 0.44 0.00	25.86 0.13 0.00	24.03 0.10 0.00	23.14 0.18 0.00	23.69 0.07 0.00	25.17 0.30 0.00	32.84 0.80 0.00	36.35 1.03 0.00	32.18 1.33 0.00	27.53 1.21 0.00	27.19 1.44 0.00	27.50 1.33 0.00	29.15 1.38 -0.14	33.45 1.00 -0.17	35.58 0.38 -0.54	36.72 0.11 -0.37	45.29 0.27 -0.42	58.91 0.06 0.01	61.02 0.43 0.01	57.38 0.00 0.01	49.13 0.05 0.01	39.10 0.27 0.01	35.32 0.14 0.00	31.39 0.25 0.00
WALDENNY_12_KV_BK2 80841	26.67 -0.66 0.00	25.50 -0.23 0.00	23.84 -0.10 0.00	22.70 -0.25 0.00	23.38 -0.24 0.00	24.39 -0.47 0.00	31.67 -0.74 -0.36	34.16 -1.17 0.00	30.33 -0.52 0.00	26.00 -0.32 0.00	25.49 -0.26 0.00	26.14 -0.03 0.00	27.80 0.17 0.00	31.99 -0.29 0.00	34.38 -0.28 0.00	36.20 -0.29 -0.26	44.10 -0.54 -0.04	59.40 -1.06 -1.60	61.82 -1.39 -2.62	58.99 -0.92 -2.52	49.59 -1.03 -1.53	39.60 -0.39 -1.16	36.34 0.21 -0.95	32.70 0.81 -0.74
WALDEN___HYDRO 24148	28.23 0.90 0.00	26.52 0.80 0.00	24.65 0.72 0.00	23.64 0.69 0.00	24.26 0.64 0.00	25.61 0.75 0.00	33.42 1.38 0.00	36.74 1.41 0.00	32.19 1.33 0.00	27.48 1.16 0.00	26.88 1.13 0.00	27.24 1.07 0.00	28.90 1.16 -0.10	33.37 0.97 -0.13	36.05 0.97 -0.42	37.54 1.01 -0.29	46.17 1.25 -0.32	60.27 1.41 0.00	62.17 1.58 0.00	58.65 1.26 0.00	50.31 1.23 0.00	39.88 1.05 0.00	36.09 0.91 0.00	31.86 0.72 0.00
WARRENSBURG____ 23737	28.81 1.48 0.00	27.04 1.31 0.00	25.25 1.32 0.00	24.26 1.31 0.00	24.92 1.30 0.00	26.21 1.34 0.00	33.96 1.92 0.00	37.48 2.15 0.00	32.28 1.42 0.00	27.45 1.13 0.00	26.63 0.88 0.00	26.95 0.79 0.00	28.30 0.80 0.13	32.96 0.84 0.16	35.03 0.90 0.53	36.13 0.25 0.36	44.69 0.49 0.41	59.62 0.77 0.00	62.05 1.45 0.00	58.71 1.32 0.00	50.36 1.28 0.00	39.80 0.97 0.00	35.95 0.77 0.00	32.67 1.53 0.00
WATERSIDE___6 8 9 23538	28.48 1.15 0.00	26.70 0.98 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.74 0.87 0.00	33.67 1.63 0.00	37.16 1.84 0.00	32.68 1.82 0.00	27.92 1.61 0.00	27.35 1.60 0.00	27.74 1.57 0.00	29.46 1.69 -0.14	34.00 1.55 -0.17	36.73 1.52 -0.55	38.25 1.63 -0.38	46.94 1.92 -0.42	61.03 2.18 0.01	62.95 2.36 0.01	59.22 1.84 0.01	50.80 1.72 0.01	40.31 1.48 0.00	36.51 1.34 0.00	32.17 1.03 0.00
WATKINRD_115KV_LN8_ILLION 55919	27.28 -0.05 0.00	25.65 -0.08 0.00	23.86 -0.07 0.00	22.88 -0.07 0.00	23.57 -0.05 0.00	25.05 0.07 -0.10	33.34 0.22 -1.07	37.17 0.25 -1.60	32.81 0.22 -1.74	27.73 0.16 -1.26	27.10 0.15 -1.19	28.19 0.13 -1.89	28.93 0.14 -1.16	32.37 0.10 0.00	35.03 0.07 -0.30	36.56 0.07 -0.25	44.88 0.13 -0.14	59.68 0.18 -0.64	61.44 0.24 -0.60	58.45 0.17 -0.88	50.30 0.20 -1.01	40.17 0.16 -1.19	36.34 0.14 -1.03	32.36 0.06 -1.16

WDELAWARE___HYD 323627	28.15 0.82 0.00	26.45 0.72 0.00	24.56 0.62 0.00	23.55 0.60 0.00	24.18 0.57 0.00	25.54 0.67 0.00	33.35 1.31 0.00	36.67 1.34 0.00	32.09 1.24 0.00	27.34 1.03 0.00	26.73 0.98 0.00	27.06 0.89 0.00	28.71 0.99 -0.08	33.19 0.81 -0.10	35.86 0.87 -0.34	37.41 0.94 -0.23	46.07 1.20 -0.26	60.27 1.41 0.00	62.24 1.64 0.00	58.76 1.38 0.00	50.41 1.33 0.00	39.99 1.16 0.00	36.09 0.91 0.00	31.89 0.75 0.00
WEST BABYLON___IC 23714	28.42 1.09 0.00	26.47 0.75 0.00	24.60 0.67 0.00	23.64 0.69 0.00	24.21 0.59 0.00	25.71 0.85 0.00	33.51 1.47 0.00	37.05 1.73 0.00	32.80 1.94 0.00	28.08 1.76 0.00	27.71 1.96 0.00	28.05 1.88 0.00	29.76 1.99 -0.14	34.12 1.68 -0.17	36.31 1.11 -0.54	37.70 1.09 -0.37	46.54 1.52 -0.42	60.38 1.53 0.01	62.53 1.94 0.01	58.87 1.49 0.01	50.31 1.23 0.01	39.95 1.13 0.01	36.37 1.20 0.00	32.04 0.90 0.00
WEST CANADA___HYD 24049	27.36 0.03 0.00	25.73 0.00 0.00	23.96 0.02 0.00	22.98 0.02 0.00	23.64 0.02 0.00	25.00 0.02 -0.10	33.24 0.13 -1.07	37.10 0.18 -1.60	32.72 0.12 -1.74	27.65 0.08 -1.26	27.02 0.08 -1.19	28.14 0.08 -1.89	28.88 0.08 -1.16	32.28 0.00 0.00	34.93 -0.03 -0.30	36.49 0.00 -0.25	44.75 0.00 -0.14	59.50 0.00 -0.64	61.20 0.00 -0.60	58.27 0.00 -0.88	50.15 0.05 -1.01	40.06 0.04 -1.19	36.24 0.04 -1.03	32.30 0.00 -1.16
WESTERN_NY_WIND 24143	27.33 0.00 0.00	26.06 0.33 0.00	24.39 0.45 0.00	23.18 0.23 0.00	24.00 0.38 0.00	25.06 0.20 0.00	32.55 0.16 -0.35	35.36 0.04 0.00	31.23 0.37 0.00	26.66 0.34 0.00	26.11 0.36 0.00	26.69 0.52 0.00	28.38 0.75 0.00	32.79 0.52 0.00	35.18 0.52 0.00	37.24 0.76 -0.24	45.31 0.67 -0.03	61.13 0.77 -1.51	63.74 0.67 -2.47	60.75 0.98 -2.38	51.07 0.54 -1.45	40.55 0.62 -1.10	37.16 1.09 -0.90	33.25 1.40 -0.70
WESTOVER___LESR 323668	27.41 0.08 0.00	25.88 0.15 0.00	24.08 0.14 0.00	23.02 0.07 0.00	23.74 0.12 0.00	24.94 0.07 0.00	32.80 0.32 -0.44	35.54 0.21 0.00	31.07 0.22 0.00	26.48 0.16 0.00	25.90 0.15 0.00	26.40 0.24 0.00	27.91 0.28 0.00	32.34 0.06 0.00	34.73 0.07 0.00	36.64 0.07 -0.33	44.87 0.22 -0.05	61.15 0.24 -2.05	64.09 0.12 -3.36	60.86 0.23 -3.24	51.20 0.15 -1.97	40.52 0.19 -1.49	36.72 0.32 -1.22	32.50 0.40 -0.96
WETHRSFD_WT_PWR 323626	26.37 -0.96 0.00	25.06 -0.67 0.00	23.38 -0.55 0.00	22.29 -0.67 0.00	22.98 -0.64 0.00	23.99 -0.87 0.00	31.34 -1.09 -0.39	33.73 -1.59 0.00	29.72 -1.14 0.00	25.42 -0.89 0.00	24.85 -0.90 0.00	25.46 -0.71 0.00	27.11 -0.53 0.00	31.37 -0.90 0.00	33.72 -0.93 0.00	35.47 -1.05 -0.28	43.57 -1.07 -0.04	59.34 -1.30 -1.78	62.12 -1.39 -2.91	59.56 -0.63 -2.80	49.76 -1.03 -1.70	39.62 -0.51 -1.29	36.34 0.11 -1.06	32.28 0.31 -0.83
WHAVSTOR_138KV_BK127 55557	28.26 0.93 0.00	26.52 0.80 0.00	24.68 0.74 0.00	23.64 0.69 0.00	24.28 0.66 0.00	25.61 0.75 0.00	33.45 1.41 0.00	36.81 1.48 0.00	32.28 1.42 0.00	27.58 1.26 0.00	27.04 1.29 0.00	27.40 1.23 0.00	29.09 1.33 -0.13	33.53 1.10 -0.16	36.21 1.04 -0.52	37.68 1.09 -0.36	46.34 1.34 -0.40	60.33 1.47 0.00	62.17 1.58 0.00	58.54 1.15 0.00	50.31 1.23 0.00	39.88 1.05 0.00	36.13 0.95 0.00	31.89 0.75 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	28.26 0.93 0.00	26.52 0.80 0.00	24.68 0.74 0.00	23.64 0.69 0.00	24.28 0.66 0.00	25.61 0.75 0.00	33.45 1.41 0.00	36.81 1.48 0.00	32.28 1.42 0.00	27.58 1.26 0.00	27.04 1.29 0.00	27.40 1.23 0.00	29.09 1.33 -0.13	33.53 1.10 -0.16	36.21 1.04 -0.52	37.68 1.09 -0.36	46.34 1.34 -0.40	60.33 1.47 0.00	62.17 1.58 0.00	58.54 1.15 0.00	50.31 1.23 0.00	39.88 1.05 0.00	36.13 0.95 0.00	31.89 0.75 0.00
WHITEHAL_115KV_TB1 80871	29.19 1.86 0.00	27.37 1.65 0.00	25.61 1.68 0.00	24.61 1.65 0.00	25.27 1.65 0.00	26.61 1.74 0.00	34.51 2.47 0.00	38.15 2.83 0.00	32.68 1.82 0.00	27.77 1.45 0.00	26.88 1.13 0.00	27.19 1.02 0.00	28.55 1.05 0.13	33.24 1.13 0.17	35.36 1.25 0.54	36.70 0.83 0.37	45.48 1.29 0.42	60.80 1.94 0.00	63.51 2.91 0.00	60.14 2.75 0.00	51.54 2.45 0.00	40.62 1.79 0.00	36.65 1.48 0.00	33.17 2.02 0.00
WHITEPLN_13_KV_LOAD 356215	28.59 1.26 0.00	26.83 1.11 0.00	24.96 1.03 0.00	23.92 0.96 0.00	24.56 0.94 0.00	25.91 1.04 0.00	33.93 1.89 0.00	37.44 2.12 0.00	32.83 1.97 0.00	28.05 1.74 0.00	27.53 1.78 0.00	27.90 1.73 0.00	29.68 1.91 -0.14	34.22 1.78 -0.17	36.97 1.77 -0.55	38.43 1.81 -0.38	47.17 2.14 -0.42	61.27 2.41 0.00	63.21 2.61 0.00	59.57 2.18 0.00	51.10 2.01 0.00	40.42 1.59 0.00	36.72 1.55 0.00	32.32 1.18 0.00
WM_FLOYD_69_KV_BK2 356380	27.99 0.66 0.00	26.04 0.31 0.00	24.20 0.26 0.00	23.30 0.34 0.00	23.85 0.24 0.00	25.34 0.47 0.00	33.06 1.03 0.00	36.60 1.27 0.00	32.40 1.54 0.00	27.71 1.39 0.00	27.37 1.62 0.00	27.69 1.52 0.00	29.32 1.55 -0.14	33.67 1.23 -0.17	35.79 0.59 -0.54	37.08 0.47 -0.37	45.82 0.80 -0.42	59.44 0.59 0.01	61.62 1.03 0.01	58.01 0.63 0.01	49.52 0.44 0.01	39.40 0.58 0.01	35.84 0.67 0.00	31.55 0.40 0.00
WOODARD___115KV_TB2 355635	27.08 -0.25 0.00	25.52 -0.21 0.00	23.74 -0.19 0.00	22.75 -0.21 0.00	23.43 -0.19 0.00	24.79 -0.20 -0.13	33.97 -0.06 -1.99	37.16 -0.07 -1.91	32.87 -0.06 -2.08	27.74 -0.08 -1.50	27.09 -0.08 -1.42	28.40 -0.03 -2.26	28.99 -0.03 -1.39	32.08 -0.19 0.00	34.78 -0.24 -0.36	36.85 -0.22 -0.83	44.58 -0.27 -0.25	62.65 -0.29 -4.09	66.41 -0.36 -6.17	63.41 -0.29 -6.31	53.14 -0.34 -4.40	42.43 -0.23 -3.83	38.21 -0.18 -3.21	33.91 -0.16 -2.93
WOODMERE_69_KV_BK1 55827	28.42 1.09 0.00	26.52 0.80 0.00	24.65 0.72 0.00	23.66 0.71 0.00	24.26 0.64 0.00	25.71 0.85 0.00	33.51 1.47 0.00	36.91 1.59 0.00	32.74 1.88 0.00	28.03 1.71 0.00	27.63 1.88 0.00	28.00 1.83 0.00	29.70 1.93 -0.14	34.06 1.61 -0.17	36.34 1.14 -0.54	37.81 1.20 -0.37	46.58 1.56 -0.42	60.56 1.71 0.01	62.53 1.94 0.01	58.87 1.49 0.01	50.45 1.37 0.01	40.03 1.20 0.01	36.34 1.16 0.00	32.08 0.93 0.00
YORK___WARBASSE 23770	28.51 1.18 0.00	26.70 0.98 0.00	24.82 0.89 0.00	23.78 0.83 0.00	24.40 0.78 0.00	25.74 0.87 0.00	33.71 1.67 0.00	37.20 1.87 0.00	32.74 1.88 0.00	27.98 1.66 0.00	27.40 1.65 0.00	27.79 1.62 0.00	29.51 1.74 -0.14	34.06 1.61 -0.17	36.84 1.63 -0.55	38.43 1.81 -0.38	47.08 2.05 -0.42	62.04 2.59 -0.59	63.44 2.79 -0.06	60.28 2.24 -0.65	51.71 2.11 -0.51	40.42 1.59 0.00	36.62 1.44 0.00	32.26 1.12 0.00