

# Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$															--- Marginal Cost of Losses										--- Marginal Cost of Congestion										01/30/2024		
Name	PTID	00:00 EST	01:00 EST	02:00 EST	03:00 EST	04:00 EST	05:00 EST	06:00 EST	07:00 EST	08:00 EST	09:00 EST	10:00 EST	11:00 EST	12:00 EST	13:00 EST	14:00 EST	15:00 EST	16:00 EST	17:00 EST	18:00 EST	19:00 EST	20:00 EST	21:00 EST	22:00 EST	23:00 EST														
59TH STREET_GT_1 24138		39.33 1.91 0.00	36.33 1.73 0.00	35.31 1.71 0.00	35.28 1.71 0.00	34.62 1.74 0.00	36.52 1.97 0.00	49.09 3.47 0.00	52.11 3.86 -0.52	51.64 3.91 0.00	48.54 3.51 0.00	50.33 3.90 0.00	48.31 3.66 0.00	45.93 3.64 0.00	45.96 3.56 0.00	45.55 3.49 0.00	47.09 3.57 0.00	52.56 4.29 -0.03	63.34 4.58 -7.88	62.05 4.48 -6.70	54.81 4.10 -3.57	48.50 3.42 -4.36	43.81 3.20 -1.15	41.29 3.16 -0.06	40.84 3.03 0.00														
74TH STREET_GT_1 24260		39.33 1.91 0.00	36.36 1.76 0.00	35.35 1.75 0.00	35.32 1.75 0.00	34.65 1.78 0.00	36.52 1.97 0.00	49.09 3.47 0.00	52.26 4.01 -0.52	51.69 3.96 0.00	48.63 3.60 0.00	50.32 3.90 0.00	48.36 3.71 0.00	45.93 3.64 0.00	46.00 3.60 0.00	45.68 3.62 0.00	47.22 3.70 0.00	52.67 4.39 -0.04	63.50 4.73 -7.89	62.21 4.63 -6.70	54.96 4.24 -3.57	48.66 3.58 -4.36	43.93 3.32 -1.15	41.38 3.24 -0.07	40.54 2.72 -0.01														
74TH STREET_GT_2 24261		39.33 1.91 0.00	36.36 1.76 0.00	35.35 1.75 0.00	35.32 1.75 0.00	34.65 1.78 0.00	36.52 1.97 0.00	49.09 3.47 0.00	52.26 4.01 -0.52	51.69 3.96 0.00	48.63 3.60 0.00	50.32 3.90 0.00	48.36 3.71 0.00	45.93 3.64 0.00	46.00 3.60 0.00	45.68 3.62 0.00	47.22 3.70 0.00	52.67 4.39 -0.04	63.50 4.73 -7.89	62.21 4.63 -6.70	54.96 4.24 -3.57	48.66 3.58 -4.36	43.93 3.32 -1.15	41.38 3.24 -0.07	40.54 2.72 -0.01														
ADK HUDSON___FALLS 24011		39.03 1.61 0.00	36.02 1.42 0.00	35.08 1.48 0.00	35.05 1.48 0.00	34.29 1.41 0.00	36.21 1.66 0.00	48.32 2.69 0.00	51.25 2.86 -0.66	50.74 3.01 0.00	47.68 2.66 0.00	49.16 2.74 0.00	46.88 2.23 0.00	44.16 1.86 0.00	44.10 1.70 0.00	43.83 1.77 0.00	45.35 1.83 0.00	50.63 2.36 -0.03	63.39 2.49 -10.02	61.94 2.54 -8.52	54.04 2.36 -4.54	48.22 1.95 -5.55	42.63 1.70 -1.47	39.78 1.64 -0.07	39.02 1.21 0.00														
ADK RESOURCE___RCVRY 23798		39.10 1.69 0.00	36.08 1.49 0.00	35.15 1.55 0.00	35.12 1.55 0.00	34.39 1.51 0.00	36.35 1.80 0.00	48.45 2.83 0.00	51.45 3.06 -0.66	50.93 3.20 0.00	47.82 2.79 0.00	49.35 2.93 0.00	47.02 2.36 0.00	44.24 1.95 0.00	44.14 1.74 0.00	43.87 1.81 0.00	45.44 1.91 0.00	50.68 2.41 -0.03	63.50 2.59 -10.02	62.10 2.69 -8.52	54.14 2.45 -4.54	48.30 2.03 -5.55	42.67 1.73 -1.47	39.78 1.64 -0.07	39.17 1.36 0.00														
ADK S GLENS___FALLS 24028		39.03 1.61 0.00	36.02 1.42 0.00	35.08 1.48 0.00	35.05 1.48 0.00	34.29 1.41 0.00	36.21 1.66 0.00	48.32 2.69 0.00	51.25 2.86 -0.66	50.74 3.01 0.00	47.68 2.66 0.00	49.16 2.74 0.00	46.88 2.23 0.00	44.16 1.86 0.00	44.10 1.70 0.00	43.83 1.77 0.00	45.35 1.83 0.00	50.63 2.36 -0.03	63.39 2.49 -10.02	61.94 2.54 -8.52	54.04 2.36 -4.54	48.22 1.95 -5.55	42.63 1.70 -1.47	39.78 1.64 -0.07	39.02 1.21 0.00														
ADK_NYS___DAM 23527		39.36 1.94 0.00	36.36 1.76 0.00	35.31 1.71 0.00	35.32 1.74 0.00	34.59 1.71 0.00	36.49 1.93 0.00	48.59 2.96 0.00	51.52 3.15 -0.64	50.93 3.20 0.00	47.86 2.84 0.00	49.58 3.16 0.00	47.60 2.95 0.00	45.04 2.75 0.00	45.15 2.75 0.00	44.79 2.73 0.00	46.35 2.83 0.00	51.55 3.28 -0.03	64.18 3.61 -9.69	62.73 3.61 -8.24	54.88 3.35 -4.39	48.93 2.85 -5.37	43.57 2.69 -1.42	40.73 2.59 -0.07	40.30 2.49 0.00														
AIR_PRODUCTS___DRP 24190		38.69 1.27 0.00	35.74 1.14 0.00	34.71 1.11 0.00	34.68 1.11 0.00	33.96 1.08 0.00	35.80 1.24 0.00	47.54 1.92 0.00	50.37 2.00 -0.64	49.78 2.05 0.00	46.92 1.89 0.00	48.00 1.58 0.00	46.12 1.47 0.00	43.61 1.31 0.00	43.71 1.31 0.00	43.41 1.35 0.00	44.92 1.39 0.00	49.96 1.69 -0.03	62.22 1.63 -9.71	60.87 1.73 -8.26	53.20 1.65 -4.40	47.52 1.43 -5.38	42.66 1.78 -1.42	39.85 1.71 -0.07	39.21 1.40 0.00														
AKWESSNE_115KV_BK 355683		37.94 0.52 0.00	35.12 0.52 0.00	34.04 0.44 0.00	33.97 0.40 0.00	33.24 0.36 0.00	34.69 0.14 0.00	45.35 -0.27 0.00	47.40 -0.33 0.00	47.39 -0.33 0.00	44.89 -0.14 0.00	46.29 -0.14 0.00	44.52 -0.13 0.00	42.17 -0.13 0.00	42.27 -0.13 0.00	41.89 -0.17 0.00	43.35 -0.17 0.00	47.90 -0.34 0.00	50.47 -0.41 0.00	50.47 -0.41 0.00	46.82 -0.33 0.00	40.47 -0.24 0.00	39.23 -0.24 0.00	37.88 -0.19 0.00	38.03 0.23 0.00														
ALBANY_1_SOLAR 323833		39.18 1.76 0.00	36.19 1.59 0.00	35.15 1.55 0.00	35.12 1.55 0.00	34.36 1.48 0.00	36.21 1.66 0.00	47.95 2.33 0.00	50.74 2.39 -0.63	50.16 2.43 0.00	47.19 2.16 0.00	48.52 2.09 0.00	46.57 1.92 0.00	43.99 1.69 0.00	44.14 1.74 0.00	43.83 1.77 0.00	45.35 1.83 0.00	50.44 2.17 -0.03	62.64 2.24 -9.53	61.32 2.34 -8.10	53.63 2.17 -4.32	47.91 1.91 -5.28	42.87 2.01 -1.39	40.08 1.94 -0.07	39.77 1.96 0.00														
ALBANY_2_SOLAR 323834		39.14 1.72 0.00	36.19 1.59 0.00	35.15 1.55 0.00	35.12 1.55 0.00	34.32 1.44 0.00	36.18 1.62 0.00	47.95 2.33 0.00	50.74 2.39 -0.63	50.11 2.39 0.00	47.19 2.16 0.00	48.52 2.09 0.00	46.57 1.92 0.00	43.99 1.69 0.00	44.14 1.74 0.00	43.83 1.77 0.00	45.35 1.83 0.00	50.39 2.12 -0.03	62.59 2.19 -9.53	61.32 2.34 -8.10	53.63 2.17 -4.32	47.91 1.91 -5.28	42.83 1.97 -1.40	40.08 1.94 -0.07	39.77 1.96 0.00														
ALBANY___1 23571		38.69 1.27 0.00	35.74 1.14 0.00	34.71 1.11 0.00	34.68 1.11 0.00	33.96 1.08 0.00	35.80 1.24 0.00	47.54 1.92 0.00	50.37 2.00 -0.64	49.78 2.05 0.00	46.92 1.89 0.00	48.00 1.58 0.00	46.12 1.47 0.00	43.61 1.31 0.00	43.71 1.31 0.00	43.41 1.35 0.00	44.92 1.39 0.00	49.96 1.69 -0.03	62.22 1.63 -9.71	60.87 1.73 -8.26	53.20 1.65 -4.40	47.52 1.43 -5.38	42.66 1.78 -1.42	39.85 1.71 -0.07	39.21 1.40 0.00														

ALBANY___2 23572	38.69 1.27 0.00	35.74 1.14 0.00	34.71 1.11 0.00	34.68 1.11 0.00	33.96 1.08 0.00	35.80 1.24 0.00	47.54 1.92 0.00	50.37 2.00 -0.64	49.78 2.05 0.00	46.92 1.89 0.00	48.00 1.58 0.00	46.12 1.47 0.00	43.61 1.31 0.00	43.71 1.31 0.00	43.41 1.35 0.00	44.92 1.39 0.00	49.96 1.69 -0.03	62.22 1.63 -9.71	60.87 1.73 -8.26	53.20 1.65 -4.40	47.52 1.43 -5.38	42.66 1.78 -1.42	39.85 1.71 -0.07	39.21 1.40 0.00
ALBANY___3 23573	38.69 1.27 0.00	35.74 1.14 0.00	34.71 1.11 0.00	34.68 1.11 0.00	33.96 1.08 0.00	35.80 1.24 0.00	47.54 1.92 0.00	50.37 2.00 -0.64	49.78 2.05 0.00	46.92 1.89 0.00	48.00 1.58 0.00	46.12 1.47 0.00	43.61 1.31 0.00	43.71 1.31 0.00	43.41 1.35 0.00	44.92 1.39 0.00	49.96 1.69 -0.03	62.22 1.63 -9.71	60.87 1.73 -8.26	53.20 1.65 -4.40	47.52 1.43 -5.38	42.66 1.78 -1.42	39.85 1.71 -0.07	39.21 1.40 0.00
ALBANY___4 23574	38.69 1.27 0.00	35.74 1.14 0.00	34.71 1.11 0.00	34.68 1.11 0.00	33.96 1.08 0.00	35.80 1.24 0.00	47.54 1.92 0.00	50.37 2.00 -0.64	49.78 2.05 0.00	46.92 1.89 0.00	48.00 1.58 0.00	46.12 1.47 0.00	43.61 1.31 0.00	43.71 1.31 0.00	43.41 1.35 0.00	44.92 1.39 0.00	49.96 1.69 -0.03	62.22 1.63 -9.71	60.87 1.73 -8.26	53.20 1.65 -4.40	47.52 1.43 -5.38	42.66 1.78 -1.42	39.85 1.71 -0.07	39.21 1.40 0.00
ALBANY___LFGE 323615	38.92 1.50 0.00	35.95 1.35 0.00	34.91 1.31 0.00	34.88 1.31 0.00	34.16 1.28 0.00	36.04 1.48 0.00	47.86 2.24 0.00	50.71 2.34 -0.64	50.16 2.43 0.00	47.23 2.21 0.00	48.42 1.99 0.00	46.53 1.88 0.00	43.99 1.69 0.00	44.10 1.70 0.00	43.79 1.73 0.00	45.31 1.79 0.00	50.34 2.07 -0.03	62.81 2.14 -9.80	61.45 2.24 -8.33	53.66 2.07 -4.44	47.93 1.79 -5.43	42.91 2.01 -1.43	40.08 1.94 -0.07	39.66 1.85 0.00
ALCOA_PA_115KV_PL-6C 55860	38.17 0.75 0.00	35.29 0.69 0.00	34.20 0.60 0.00	34.14 0.57 0.00	33.37 0.49 0.00	34.80 0.24 0.00	45.44 -0.18 0.00	47.59 -0.14 0.00	47.59 -0.14 0.00	45.07 0.05 0.00	46.52 0.09 0.00	44.70 0.04 0.00	42.38 0.08 0.00	42.44 0.04 0.00	42.10 0.04 0.00	43.57 0.04 0.00	48.09 -0.14 0.00	50.68 -0.20 0.00	50.68 -0.20 0.00	46.96 -0.19 0.00	40.59 -0.12 0.00	39.39 -0.08 0.00	38.03 -0.04 0.00	38.22 0.42 0.00
ALCOA_RYNLDS___DRP 24188	38.17 0.75 0.00	35.29 0.69 0.00	34.20 0.60 0.00	34.14 0.57 0.00	33.37 0.49 0.00	34.80 0.24 0.00	45.44 -0.18 0.00	47.59 -0.14 0.00	47.59 -0.14 0.00	45.07 0.05 0.00	46.52 0.09 0.00	44.70 0.04 0.00	42.38 0.08 0.00	42.44 0.04 0.00	42.10 0.04 0.00	43.57 0.04 0.00	48.09 -0.14 0.00	50.68 -0.20 0.00	50.68 -0.20 0.00	46.96 -0.19 0.00	40.59 -0.12 0.00	39.39 -0.08 0.00	38.03 -0.04 0.00	38.22 0.42 0.00
ALCOA___DSASP 323711	38.17 0.75 0.00	35.29 0.69 0.00	34.21 0.61 0.00	34.14 0.57 0.00	33.37 0.49 0.00	34.76 0.21 0.00	45.44 -0.18 0.00	47.59 -0.14 0.00	47.59 -0.14 0.00	45.11 0.09 0.00	46.47 0.05 0.00	44.70 0.04 0.00	42.38 0.08 0.00	42.44 0.04 0.00	42.10 0.04 0.00	43.57 0.04 0.00	48.14 -0.10 0.00	50.68 -0.20 0.00	50.63 -0.25 0.00	46.96 -0.19 0.00	40.51 -0.20 0.00	39.39 -0.08 0.00	38.07 0.00 0.00	37.92 0.11 0.00
ALLEGHENY___COGEN 23514	35.32 -2.09 0.00	32.73 -1.87 0.00	31.75 -1.85 0.00	31.79 -1.78 0.00	31.17 -1.71 0.00	33.17 -1.38 0.00	43.98 -1.64 0.00	45.72 -2.10 -0.09	45.68 -2.05 0.00	43.04 -1.98 0.00	43.87 -2.55 0.00	42.28 -2.37 0.00	39.84 -2.45 0.00	40.15 -2.25 0.00	39.75 -2.31 0.00	41.10 -2.39 0.03	43.87 -2.65 1.71	48.71 -2.34 -0.17	45.87 -2.24 2.77	43.39 -2.50 1.26	38.60 -2.16 -0.05	37.27 -2.25 -0.05	35.80 -2.28 -0.01	35.46 -2.34 0.00
ALTAMONT_115KV_TB 2 55880	38.50 1.09 0.00	35.57 0.97 0.00	34.57 0.97 0.00	34.55 0.97 0.00	33.83 0.95 0.00	35.63 1.07 0.00	47.36 1.73 0.00	50.23 1.86 -0.64	49.59 1.86 0.00	46.69 1.67 0.00	48.14 1.72 0.00	46.26 1.61 0.00	43.78 1.48 0.00	43.88 1.48 0.00	43.58 1.51 0.00	45.09 1.57 0.00	50.10 1.83 -0.03	62.52 1.93 -9.71	61.12 1.98 -8.26	53.39 1.84 -4.40	47.64 1.55 -5.38	42.47 1.58 -1.42	39.66 1.52 -0.07	39.06 1.25 0.00
ALTONA_WT_PWR 323606	39.44 2.02 0.00	36.53 1.94 0.00	35.38 1.78 0.00	35.25 1.68 0.00	34.49 1.61 0.00	35.63 1.07 0.00	46.68 1.05 0.00	48.93 1.19 0.00	48.87 1.14 0.00	46.37 1.35 0.00	47.87 1.44 0.00	45.99 1.34 0.00	43.56 1.27 0.00	43.58 1.19 0.00	43.20 1.14 0.00	44.74 1.22 0.00	49.30 1.06 0.00	52.10 1.22 0.00	52.10 1.22 0.00	48.18 1.04 0.00	41.53 0.81 0.00	40.30 0.83 0.00	38.83 0.76 0.00	39.09 1.29 0.00
AMERICAN_REF_FUEL 24010	32.37 -5.05 0.00	30.13 -4.46 0.00	29.33 -4.27 0.00	29.47 -4.10 0.00	28.90 -3.98 0.00	30.41 -4.15 0.00	39.60 -6.02 0.00	40.35 -7.45 -0.07	40.24 -7.49 0.00	38.41 -6.62 0.00	39.28 -7.15 0.00	38.18 -6.47 0.00	35.91 -6.39 0.00	36.38 -6.02 0.00	35.88 -6.18 0.00	37.06 -6.44 0.02	38.99 -7.48 1.77	43.81 -7.53 -0.46	41.19 -7.17 2.51	38.91 -7.07 1.17	34.99 -5.95 -0.22	33.83 -5.72 -0.08	32.79 -5.29 -0.01	32.59 -5.22 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	34.39 -3.03 0.00	31.93 -2.66 0.00	31.08 -2.52 0.00	31.12 -2.45 0.00	30.45 -2.43 0.00	32.10 -2.45 0.00	42.02 -3.61 0.00	43.04 -4.77 -0.08	42.91 -4.82 0.00	40.84 -4.19 0.00	41.64 -4.78 0.00	40.45 -4.20 0.00	38.11 -4.19 0.00	38.54 -3.86 0.00	38.06 -4.00 0.00	39.37 -4.14 0.02	41.88 -4.58 1.78	46.63 -4.68 -0.43	43.99 -4.58 2.31	41.58 -4.38 1.19	37.05 -3.87 -0.20	35.48 -4.06 -0.08	34.16 -3.92 -0.01	34.33 -3.48 0.00
ARTHUR KILL_GT_1 23520	39.33 1.91 0.00	36.33 1.73 0.00	35.31 1.71 0.00	35.25 1.68 0.00	34.62 1.74 0.00	36.45 1.90 0.00	48.91 3.29 0.00	104.82 3.82 -53.27	109.15 3.68 -57.75	48.13 3.10 0.00	49.91 3.48 0.00	47.86 3.22 0.00	45.69 3.34 -0.06	45.71 3.31 0.00	111.83 3.37 -66.40	46.98 3.40 -0.06	52.33 3.96 -0.14	95.10 4.42 -39.80	91.51 4.38 -36.26	115.18 4.01 -64.03	93.09 3.46 -48.92	91.72 3.20 -49.06	41.20 3.05 -0.08	40.96 3.14 -0.01
ARTHUR_KILL_2 23512	39.22 1.80 0.00	36.22 1.63 0.00	35.21 1.61 0.00	35.18 1.61 0.00	34.55 1.68 0.00	36.38 1.83 0.00	48.77 3.15 0.00	104.68 3.68 -53.27	109.06 3.58 -57.75	48.04 3.02 0.00	49.81 3.39 0.00	47.72 3.08 0.00	45.56 3.21 -0.06	45.58 3.18 0.00	111.70 3.24 -66.40	46.85 3.27 -0.06	52.19 3.81 -0.14	94.95 4.27 -39.80	91.35 4.22 -36.26	115.04 3.87 -64.03	92.98 3.34 -48.92	91.64 3.12 -49.06	41.08 2.93 -0.08	40.88 3.06 -0.01
ARTHUR_KILL_3 23513	38.95 1.53 0.01	35.97 1.39 0.01	34.97 1.38 0.01	34.94 1.38 0.01	34.28 1.41 0.01	36.18 1.62 0.00	48.59 2.96 0.00	104.49 3.48 -53.28	108.97 3.48 -57.76	48.04 3.02 0.00	49.82 3.39 0.00	47.82 3.17 0.00	45.53 3.17 -0.06	45.54 3.14 0.00	111.44 3.16 -66.22	46.76 3.18 -0.06	52.10 3.71 -0.15	92.63 4.12 -37.63	89.51 4.02 -34.62	114.86 3.68 -64.03	92.74 3.09 -48.93	91.41 2.88 -49.06	40.92 2.78 -0.07	40.46 2.65 -0.01

ARTHUR_KILL_COGEN 323718	39.33 1.91 0.00	36.33 1.73 0.00	35.31 1.71 0.00	35.25 1.68 0.00	34.62 1.74 0.00	36.45 1.90 0.00	48.91 3.29 0.00	104.82 3.82 -53.27	109.15 3.68 -57.75	48.13 3.10 0.00	49.91 3.48 0.00	47.86 3.22 0.00	45.69 3.34 -0.06	45.71 3.31 0.00	111.83 3.37 -66.40	46.98 3.40 -0.06	52.33 3.96 -0.14	95.10 4.42 -39.80	91.51 4.38 -36.26	115.18 4.01 -64.03	93.09 3.46 -48.92	91.72 3.20 -49.06	41.20 3.05 -0.08	40.96 3.14 -0.01
ASHOKAN____ 23654	39.51 2.09 0.00	36.46 1.87 0.00	35.38 1.78 0.00	35.38 1.81 0.00	34.49 1.61 0.00	36.28 1.73 0.00	48.22 2.60 0.00	50.88 2.58 -0.58	50.26 2.53 0.00	47.05 2.03 0.00	48.28 1.86 0.00	46.35 1.70 0.00	43.61 1.31 0.00	43.76 1.36 0.00	43.45 1.39 0.00	45.05 1.52 0.00	50.29 2.03 -0.03	60.82 1.17 -8.77	59.51 1.17 -7.46	52.16 1.04 -3.98	47.37 1.79 -4.86	41.50 0.75 -1.28	38.93 0.80 -0.06	39.85 2.04 0.00
ASTORIA_EAST_ENERGY_CC1 323581	39.13 1.72 0.01	36.19 1.59 0.00	35.11 1.51 0.00	35.08 1.51 0.00	34.42 1.55 0.00	36.21 1.66 0.00	48.45 2.83 0.01	51.77 3.53 -0.51	51.40 3.68 0.01	48.12 3.10 0.01	49.90 3.48 0.01	47.86 3.22 0.01	45.76 3.47 0.01	45.74 3.35 0.01	45.50 3.45 0.01	46.87 3.35 0.01	52.27 4.00 -0.03	63.19 4.42 -7.88	61.89 4.32 -6.69	54.71 4.01 -3.56	48.33 3.26 -4.36	43.57 2.96 -1.15	40.88 2.74 -0.06	40.61 2.80 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	39.13 1.72 0.01	36.19 1.59 0.00	35.11 1.51 0.00	35.08 1.51 0.00	34.42 1.55 0.00	36.21 1.66 0.00	48.45 2.83 0.01	51.77 3.53 -0.51	51.40 3.68 0.01	48.12 3.10 0.01	49.90 3.48 0.01	47.86 3.22 0.01	45.76 3.47 0.01	45.74 3.35 0.01	45.50 3.45 0.01	46.87 3.35 0.01	52.27 4.00 -0.03	63.19 4.42 -7.88	61.89 4.32 -6.69	54.71 4.01 -3.56	48.33 3.26 -4.36	43.57 2.96 -1.15	40.88 2.74 -0.06	40.61 2.80 -0.01
ASTORIA_GT2_1 24094	39.13 1.72 0.01	36.19 1.59 0.00	35.15 1.55 0.00	35.08 1.51 0.00	34.46 1.58 0.00	36.21 1.66 0.00	48.50 2.87 0.00	51.83 3.58 -0.52	51.35 3.63 0.01	48.22 3.20 0.00	49.95 3.53 0.00	47.96 3.30 0.00	45.72 3.43 0.00	45.79 3.39 0.00	45.50 3.45 0.01	46.96 3.44 0.00	52.42 4.15 -0.04	63.24 4.48 -7.88	61.89 4.32 -6.69	54.71 4.01 -3.56	48.38 3.30 -4.36	43.62 3.00 -1.15	40.96 2.82 -0.07	40.27 2.46 -0.01
ASTORIA_GT2_2 24095	39.13 1.72 0.01	36.19 1.59 0.00	35.15 1.55 0.00	35.08 1.51 0.00	34.46 1.58 0.00	36.21 1.66 0.00	48.50 2.87 0.00	51.83 3.58 -0.52	51.35 3.63 0.01	48.22 3.20 0.00	49.95 3.53 0.00	47.96 3.30 0.00	45.72 3.43 0.00	45.79 3.39 0.00	45.50 3.45 0.01	46.96 3.44 0.00	52.42 4.15 -0.04	63.24 4.48 -7.88	61.89 4.32 -6.69	54.71 4.01 -3.56	48.38 3.30 -4.36	43.62 3.00 -1.15	40.96 2.82 -0.07	40.27 2.46 -0.01
ASTORIA_GT2_3 24096	39.13 1.72 0.01	36.19 1.59 0.00	35.15 1.55 0.00	35.08 1.51 0.00	34.46 1.58 0.00	36.21 1.66 0.00	48.50 2.87 0.00	51.83 3.58 -0.52	51.35 3.63 0.01	48.22 3.20 0.00	49.95 3.53 0.00	47.96 3.30 0.00	45.72 3.43 0.00	45.79 3.39 0.00	45.50 3.45 0.01	46.96 3.44 0.00	52.42 4.15 -0.04	63.24 4.48 -7.88	61.89 4.32 -6.69	54.71 4.01 -3.56	48.38 3.30 -4.36	43.62 3.00 -1.15	40.96 2.82 -0.07	40.27 2.46 -0.01
ASTORIA_GT2_4 24097	39.13 1.72 0.01	36.19 1.59 0.00	35.15 1.55 0.00	35.08 1.51 0.00	34.46 1.58 0.00	36.21 1.66 0.00	48.50 2.87 0.00	51.83 3.58 -0.52	51.35 3.63 0.01	48.22 3.20 0.00	49.95 3.53 0.00	47.96 3.30 0.00	45.72 3.43 0.00	45.79 3.39 0.00	45.50 3.45 0.01	46.96 3.44 0.00	52.42 4.15 -0.04	63.24 4.48 -7.88	61.89 4.32 -6.69	54.71 4.01 -3.56	48.38 3.30 -4.36	43.62 3.00 -1.15	40.96 2.82 -0.07	40.27 2.46 -0.01
ASTORIA_GT3_1 24098	39.13 1.72 0.01	36.19 1.59 0.00	35.15 1.55 0.00	35.08 1.51 0.00	34.46 1.58 0.00	36.21 1.66 0.00	48.50 2.87 0.00	51.83 3.58 -0.52	51.35 3.63 0.01	48.22 3.20 0.00	49.95 3.53 0.00	47.96 3.30 0.00	45.72 3.43 0.00	45.79 3.39 0.00	45.50 3.45 0.01	46.96 3.44 0.00	52.42 4.15 -0.04	63.24 4.48 -7.88	61.89 4.32 -6.69	54.71 4.01 -3.56	48.38 3.30 -4.36	43.62 3.00 -1.15	40.96 2.82 -0.07	40.27 2.46 -0.01
ASTORIA_GT3_2 24099	39.13 1.72 0.01	36.19 1.59 0.00	35.15 1.55 0.00	35.08 1.51 0.00	34.46 1.58 0.00	36.21 1.66 0.00	48.50 2.87 0.00	51.83 3.58 -0.52	51.35 3.63 0.01	48.22 3.20 0.00	49.95 3.53 0.00	47.96 3.30 0.00	45.72 3.43 0.00	45.79 3.39 0.00	45.50 3.45 0.01	46.96 3.44 0.00	52.42 4.15 -0.04	63.24 4.48 -7.88	61.89 4.32 -6.69	54.71 4.01 -3.56	48.38 3.30 -4.36	43.62 3.00 -1.15	40.96 2.82 -0.07	40.27 2.46 -0.01
ASTORIA_GT3_3 24100	39.13 1.72 0.01	36.19 1.59 0.00	35.15 1.55 0.00	35.08 1.51 0.00	34.46 1.58 0.00	36.21 1.66 0.00	48.50 2.87 0.00	51.83 3.58 -0.52	51.35 3.63 0.01	48.22 3.20 0.00	49.95 3.53 0.00	47.96 3.30 0.00	45.72 3.43 0.00	45.79 3.39 0.00	45.50 3.45 0.01	46.96 3.44 0.00	52.42 4.15 -0.04	63.24 4.48 -7.88	61.89 4.32 -6.69	54.71 4.01 -3.56	48.38 3.30 -4.36	43.62 3.00 -1.15	40.96 2.82 -0.07	40.27 2.46 -0.01
ASTORIA_GT3_4 24101	39.13 1.72 0.01	36.19 1.59 0.00	35.15 1.55 0.00	35.08 1.51 0.00	34.46 1.58 0.00	36.21 1.66 0.00	48.50 2.87 0.00	51.83 3.58 -0.52	51.35 3.63 0.01	48.22 3.20 0.00	49.95 3.53 0.00	47.96 3.30 0.00	45.72 3.43 0.00	45.79 3.39 0.00	45.50 3.45 0.01	46.96 3.44 0.00	52.42 4.15 -0.04	63.24 4.48 -7.88	61.89 4.32 -6.69	54.71 4.01 -3.56	48.38 3.30 -4.36	43.62 3.00 -1.15	40.96 2.82 -0.07	40.27 2.46 -0.01
ASTORIA_GT4_1 24102	39.13 1.72 0.01	36.19 1.59 0.00	35.15 1.55 0.00	35.08 1.51 0.00	34.46 1.58 0.00	36.21 1.66 0.00	48.50 2.87 0.00	51.83 3.58 -0.52	51.35 3.63 0.01	48.22 3.20 0.00	49.95 3.53 0.00	47.96 3.30 0.00	45.72 3.43 0.00	45.79 3.39 0.00	45.50 3.45 0.01	46.96 3.44 0.00	52.42 4.15 -0.04	63.24 4.48 -7.88	61.89 4.32 -6.69	54.71 4.01 -3.56	48.38 3.30 -4.36	43.62 3.00 -1.15	40.96 2.82 -0.07	40.27 2.46 -0.01
ASTORIA_GT4_2 24103	39.13 1.72 0.01	36.19 1.59 0.00	35.15 1.55 0.00	35.08 1.51 0.00	34.46 1.58 0.00	36.21 1.66 0.00	48.50 2.87 0.00	51.83 3.58 -0.52	51.35 3.63 0.01	48.22 3.20 0.00	49.95 3.53 0.00	47.96 3.30 0.00	45.72 3.43 0.00	45.79 3.39 0.00	45.50 3.45 0.01	46.96 3.44 0.00	52.42 4.15 -0.04	63.24 4.48 -7.88	61.89 4.32 -6.69	54.71 4.01 -3.56	48.38 3.30 -4.36	43.62 3.00 -1.15	40.96 2.82 -0.07	40.27 2.46 -0.01
ASTORIA_GT4_3 24104	39.13 1.72 0.01	36.19 1.59 0.00	35.15 1.55 0.00	35.08 1.51 0.00	34.46 1.58 0.00	36.21 1.66 0.00	48.50 2.87 0.00	51.83 3.58 -0.52	51.35 3.63 0.01	48.22 3.20 0.00	49.95 3.53 0.00	47.96 3.30 0.00	45.72 3.43 0.00	45.79 3.39 0.00	45.50 3.45 0.01	46.96 3.44 0.00	52.42 4.15 -0.04	63.24 4.48 -7.88	61.89 4.32 -6.69	54.71 4.01 -3.56	48.38 3.30 -4.36	43.62 3.00 -1.15	40.96 2.82 -0.07	40.27 2.46 -0.01

ASTORIA_GT4_4 24105	39.13 1.72 0.01	36.19 1.59 0.00	35.15 1.55 0.00	35.08 1.51 0.00	34.46 1.58 0.00	36.21 1.66 0.00	48.50 2.87 0.00	51.83 3.58 -0.52	51.35 3.63 0.01	48.22 3.20 0.00	49.95 3.53 0.00	47.96 3.30 0.00	45.72 3.43 0.00	45.79 3.39 0.00	45.50 3.45 0.01	46.96 3.44 0.00	52.42 4.15 -0.04	63.24 4.48 -7.88	61.89 4.32 -6.69	54.71 4.01 -3.56	48.38 3.30 -4.36	43.62 3.00 -1.15	40.96 2.82 -0.07	40.27 2.46 -0.01
ASTORIA_GT_1 23523	39.21 1.80 0.01	36.22 1.63 0.00	35.18 1.58 0.00	35.15 1.58 0.00	34.49 1.61 0.00	36.28 1.73 0.00	48.54 2.92 0.01	51.92 3.68 -0.51	51.54 3.82 0.01	48.21 3.20 0.01	50.04 3.62 0.01	47.99 3.35 0.01	45.84 3.55 0.01	45.87 3.48 0.01	45.59 3.53 0.01	46.95 3.44 0.01	52.37 4.10 -0.03	63.34 4.58 -7.88	62.05 4.48 -6.69	54.81 4.10 -3.56	48.41 3.34 -4.36	43.65 3.04 -1.15	40.95 2.82 -0.06	40.73 2.91 -0.01
ASTORIA_GT_10 24110	39.29 1.87 0.00	36.33 1.73 0.00	35.31 1.71 0.00	35.25 1.68 0.00	34.59 1.71 0.00	36.42 1.87 0.00	48.86 3.24 0.00	52.11 3.87 -0.52	53.64 3.82 -2.10	48.45 3.42 0.00	50.14 3.71 0.00	48.18 3.53 0.00	45.81 3.51 0.00	45.88 3.48 0.00	48.25 3.49 -2.70	47.09 3.57 0.00	52.52 4.24 -0.04	67.87 4.58 -12.41	65.67 4.48 -10.32	57.01 4.10 -5.76	48.54 3.46 -4.36	43.85 3.24 -1.15	41.22 3.08 -0.07	40.50 2.68 -0.01
ASTORIA_GT_11 24225	39.29 1.87 0.00	36.33 1.73 0.00	35.31 1.71 0.00	35.25 1.68 0.00	34.59 1.71 0.00	36.42 1.87 0.00	48.86 3.24 0.00	52.11 3.87 -0.52	53.64 3.82 -2.10	48.45 3.42 0.00	50.14 3.71 0.00	48.18 3.53 0.00	45.81 3.51 0.00	45.88 3.48 0.00	48.25 3.49 -2.70	47.09 3.57 0.00	52.52 4.24 -0.04	67.87 4.58 -12.41	65.67 4.48 -10.32	57.01 4.10 -5.76	48.54 3.46 -4.36	43.85 3.24 -1.15	41.22 3.08 -0.07	40.50 2.68 -0.01
ASTORIA_GT_12 24226	39.29 1.87 0.00	36.33 1.73 0.00	35.31 1.71 0.00	35.25 1.68 0.00	34.59 1.71 0.00	36.42 1.87 0.00	48.86 3.24 0.00	52.11 3.87 -0.52	53.64 3.82 -2.10	48.45 3.42 0.00	50.14 3.71 0.00	48.18 3.53 0.00	45.81 3.51 0.00	45.88 3.48 0.00	48.25 3.49 -2.70	47.09 3.57 0.00	52.52 4.24 -0.04	67.87 4.58 -12.41	65.67 4.48 -10.32	57.01 4.10 -5.76	48.54 3.46 -4.36	43.85 3.24 -1.15	41.22 3.08 -0.07	40.50 2.68 -0.01
ASTORIA_GT_13 24227	39.29 1.87 0.00	36.33 1.73 0.00	35.31 1.71 0.00	35.25 1.68 0.00	34.59 1.71 0.00	36.42 1.87 0.00	48.86 3.24 0.00	52.11 3.87 -0.52	53.64 3.82 -2.10	48.45 3.42 0.00	50.14 3.71 0.00	48.18 3.53 0.00	45.81 3.51 0.00	45.88 3.48 0.00	48.25 3.49 -2.70	47.09 3.57 0.00	52.52 4.24 -0.04	67.87 4.58 -12.41	65.67 4.48 -10.32	57.01 4.10 -5.76	48.54 3.46 -4.36	43.85 3.24 -1.15	41.22 3.08 -0.07	40.50 2.68 -0.01
ASTORIA_GT_5 24106	39.21 1.80 0.01	36.22 1.63 0.00	35.18 1.58 0.00	35.15 1.58 0.00	34.49 1.61 0.00	36.25 1.69 0.00	48.55 2.92 0.00	51.88 3.63 -0.52	51.44 3.72 0.01	48.31 3.29 0.00	50.05 3.62 0.00	48.04 3.39 0.00	45.81 3.51 0.00	45.88 3.48 0.00	45.59 3.53 0.01	47.05 3.53 0.00	52.57 4.29 -0.04	63.34 4.58 -7.88	61.99 4.43 -6.69	54.81 4.10 -3.56	48.46 3.38 -4.36	43.66 3.04 -1.15	41.03 2.89 -0.07	40.35 2.53 -0.01
ASTORIA_GT_7 24107	39.21 1.80 0.01	36.22 1.63 0.00	35.18 1.58 0.00	35.15 1.58 0.00	34.49 1.61 0.00	36.25 1.69 0.00	48.55 2.92 0.00	51.88 3.63 -0.52	51.44 3.72 0.01	48.31 3.29 0.00	50.05 3.62 0.00	48.04 3.39 0.00	45.81 3.51 0.00	45.88 3.48 0.00	45.59 3.53 0.01	47.05 3.53 0.00	52.57 4.29 -0.04	63.34 4.58 -7.88	61.99 4.43 -6.69	54.81 4.10 -3.56	48.46 3.38 -4.36	43.66 3.04 -1.15	41.03 2.89 -0.07	40.35 2.53 -0.01
ASTORIA_GT_8 24108	39.21 1.80 0.01	36.22 1.63 0.00	35.18 1.58 0.00	35.15 1.58 0.00	34.49 1.61 0.00	36.25 1.69 0.00	48.55 2.92 0.00	51.88 3.63 -0.52	51.44 3.72 0.01	48.31 3.29 0.00	50.05 3.62 0.00	48.04 3.39 0.00	45.81 3.51 0.00	45.88 3.48 0.00	45.59 3.53 0.01	47.05 3.53 0.00	52.57 4.29 -0.04	63.34 4.58 -7.88	61.99 4.43 -6.69	54.81 4.10 -3.56	48.46 3.38 -4.36	43.66 3.04 -1.15	41.03 2.89 -0.07	40.35 2.53 -0.01
ASTORIA___2 24149	39.13 1.72 0.01	36.19 1.59 0.00	35.15 1.55 0.00	35.08 1.51 0.00	34.46 1.58 0.00	36.21 1.66 0.00	48.49 2.88 0.01	51.82 3.58 -0.51	51.45 3.73 0.01	48.12 3.10 0.01	49.94 3.53 0.01	47.90 3.26 0.01	45.76 3.47 0.01	45.78 3.39 0.01	45.50 3.45 0.01	46.87 3.35 0.01	52.27 4.00 -0.03	63.24 4.48 -7.88	61.89 4.32 -6.69	54.71 4.01 -3.56	48.37 3.30 -4.36	43.57 2.96 -1.15	40.88 2.74 -0.06	40.65 2.84 -0.01
ASTORIA___3 23516	39.29 1.87 0.00	36.33 1.73 0.00	35.28 1.68 0.00	35.25 1.68 0.00	34.59 1.71 0.00	36.45 1.90 0.00	48.86 3.24 0.00	52.11 3.86 -0.52	53.69 3.86 -2.10	48.36 3.33 0.00	50.14 3.72 0.00	48.09 3.44 0.00	45.80 3.51 0.00	45.88 3.48 0.00	48.25 3.49 -2.70	47.05 3.52 0.00	52.37 4.10 -0.04	67.87 4.58 -12.41	65.67 4.48 -10.32	57.01 4.10 -5.76	48.54 3.46 -4.36	43.81 3.20 -1.15	41.19 3.05 -0.07	40.80 2.99 -0.01
ASTORIA___4 23517	39.29 1.87 0.00	36.33 1.73 0.00	35.31 1.71 0.00	35.25 1.68 0.00	34.59 1.71 0.00	36.42 1.87 0.00	48.86 3.24 0.00	52.11 3.87 -0.52	53.64 3.82 -2.10	48.45 3.42 0.00	50.14 3.71 0.00	48.18 3.53 0.00	45.81 3.51 0.00	45.88 3.48 0.00	48.25 3.49 -2.70	47.09 3.57 0.00	52.52 4.24 -0.04	67.87 4.58 -12.41	65.67 4.48 -10.32	57.01 4.10 -5.76	48.54 3.46 -4.36	43.85 3.24 -1.15	41.22 3.08 -0.07	40.50 2.68 -0.01
ASTORIA___5 23518	39.29 1.87 0.00	36.33 1.73 0.00	35.28 1.68 0.00	35.25 1.68 0.00	34.59 1.71 0.00	36.45 1.90 0.00	48.86 3.24 0.00	52.11 3.86 -0.52	53.69 3.86 -2.10	48.36 3.33 0.00	50.14 3.72 0.00	48.09 3.44 0.00	45.80 3.51 0.00	45.88 3.48 0.00	48.25 3.49 -2.70	47.05 3.52 0.00	52.37 4.10 -0.04	67.87 4.58 -12.41	65.67 4.48 -10.32	57.01 4.10 -5.76	48.54 3.46 -4.36	43.81 3.20 -1.15	41.19 3.05 -0.07	40.80 2.99 -0.01
AST_ENERGY_2_CC3 323677	39.10 1.69 0.00	36.12 1.52 0.00	35.11 1.51 0.00	35.12 1.55 0.00	34.42 1.55 0.00	36.28 1.73 0.00	48.68 3.06 0.00	51.78 3.53 -0.52	51.26 3.53 0.00	48.09 3.06 0.00	49.91 3.48 0.00	47.87 3.22 0.00	45.55 3.26 0.00	45.58 3.18 0.00	45.26 3.20 0.00	46.74 3.22 0.00	52.08 3.81 -0.04	62.94 4.17 -7.89	61.65 4.07 -6.70	54.49 3.77 -3.57	48.26 3.18 -4.36	43.58 2.96 -1.15	41.03 2.89 -0.07	40.57 2.76 -0.01
AST_ENERGY_2_CC4 323678	39.10 1.69 0.00	36.12 1.52 0.00	35.11 1.51 0.00	35.12 1.55 0.00	34.42 1.55 0.00	36.28 1.73 0.00	48.68 3.06 0.00	51.78 3.53 -0.52	51.26 3.53 0.00	48.09 3.06 0.00	49.91 3.48 0.00	47.87 3.22 0.00	45.55 3.26 0.00	45.58 3.18 0.00	45.26 3.20 0.00	46.74 3.22 0.00	52.08 3.81 -0.04	62.94 4.17 -7.89	61.65 4.07 -6.70	54.49 3.77 -3.57	48.26 3.18 -4.36	43.58 2.96 -1.15	41.03 2.89 -0.07	40.57 2.76 -0.01

ATHENS_STG_1 23668	38.54 1.12 0.00	35.60 1.00 0.00	34.61 1.01 0.00	34.58 1.01 0.00	33.86 0.99 0.00	35.69 1.14 0.00	47.59 1.96 0.00	50.45 2.15 -0.57	49.88 2.15 0.00	46.91 1.89 0.00	48.52 2.09 0.00	46.61 1.96 0.00	44.20 1.91 0.00	44.26 1.86 0.00	43.96 1.89 0.00	45.44 1.91 0.00	50.53 2.27 -0.03	62.10 2.49 -8.73	60.74 2.44 -7.42	53.36 2.26 -3.96	47.46 1.91 -4.84	42.56 1.82 -1.28	39.88 1.75 -0.06	39.47 1.66 0.00
ATHENS_STG_2 23670	38.54 1.12 0.00	35.60 1.00 0.00	34.61 1.01 0.00	34.58 1.01 0.00	33.86 0.99 0.00	35.69 1.14 0.00	47.59 1.96 0.00	50.45 2.15 -0.57	49.88 2.15 0.00	46.91 1.89 0.00	48.52 2.09 0.00	46.61 1.96 0.00	44.20 1.91 0.00	44.26 1.86 0.00	43.96 1.89 0.00	45.44 1.91 0.00	50.53 2.27 -0.03	62.10 2.49 -8.73	60.74 2.44 -7.42	53.36 2.26 -3.96	47.46 1.91 -4.84	42.56 1.82 -1.28	39.88 1.75 -0.06	39.47 1.66 0.00
ATHENS_STG_3 23677	38.54 1.12 0.00	35.60 1.00 0.00	34.61 1.01 0.00	34.58 1.01 0.00	33.86 0.99 0.00	35.69 1.14 0.00	47.59 1.96 0.00	50.45 2.15 -0.57	49.88 2.15 0.00	46.91 1.89 0.00	48.52 2.09 0.00	46.61 1.96 0.00	44.20 1.91 0.00	44.26 1.86 0.00	43.96 1.89 0.00	45.44 1.91 0.00	50.53 2.27 -0.03	62.10 2.49 -8.73	60.74 2.44 -7.42	53.36 2.26 -3.96	47.46 1.91 -4.84	42.56 1.82 -1.28	39.88 1.75 -0.06	39.47 1.66 0.00
AUBURN___LFGE 323710	36.78 -0.64 0.00	34.04 -0.55 0.00	33.06 -0.54 0.00	33.03 -0.54 0.00	32.38 -0.49 0.00	34.28 -0.28 0.00	45.44 -0.18 0.00	47.61 -0.19 -0.07	47.63 -0.10 0.00	44.93 -0.09 0.00	46.19 -0.23 0.00	44.43 -0.22 0.00	42.04 -0.25 0.00	42.19 -0.21 0.00	41.81 -0.25 0.00	43.22 -0.30 -0.01	49.39 -0.29 -1.45	52.01 -0.10 -1.23	55.85 -0.10 -5.07	48.58 -0.24 -1.67	41.08 -0.33 -0.69	39.32 -0.32 -0.18	37.66 -0.42 -0.01	37.17 -0.64 0.00
BABYLON_RES_REC 323704	40.55 2.55 -0.58	39.36 2.32 -2.44	38.22 2.29 -2.34	36.22 2.31 -0.33	37.80 2.27 -2.66	45.64 2.56 -8.52	60.61 4.19 -10.79	70.22 4.73 -17.77	64.69 4.68 -12.29	60.70 4.23 -11.44	63.40 4.60 -12.38	62.25 4.33 -13.26	62.04 4.27 -15.47	63.41 4.24 -16.77	64.35 4.25 -18.05	67.20 4.35 -19.32	63.53 4.97 -10.32	78.36 5.50 -21.99	78.35 5.45 -22.03	66.84 5.00 -14.70	71.50 4.23 -26.56	69.86 3.98 -26.41	58.86 3.77 -17.01	51.42 3.63 -9.98
BABYLON__69_KV_BK2 356345	41.00 2.99 -0.58	39.77 2.73 -2.44	38.66 2.72 -2.34	36.63 2.72 -0.33	38.23 2.70 -2.66	46.02 2.94 -8.52	61.25 4.84 -10.79	70.84 5.35 -17.77	65.26 5.25 -12.29	61.37 4.91 -11.44	64.05 5.25 -12.38	62.92 5.00 -13.26	62.59 4.82 -15.47	64.04 4.88 -16.77	64.99 4.88 -18.05	67.90 5.05 -19.32	64.30 5.74 -10.32	79.23 6.36 -21.99	79.27 6.36 -22.03	67.60 5.75 -14.70	72.20 4.93 -26.56	70.53 4.66 -26.41	59.43 4.34 -17.01	51.57 3.78 -9.98
BALL_HILL_WT_PWR 323825	33.94 -3.48 0.00	31.55 -3.04 0.00	30.74 -2.86 0.00	30.85 -2.72 0.00	30.22 -2.66 0.00	31.86 -2.70 0.00	41.66 -3.97 0.00	42.61 -5.20 -0.07	42.48 -5.25 0.00	40.48 -4.55 0.00	41.37 -5.06 0.00	40.19 -4.46 0.00	37.85 -4.44 0.00	38.25 -4.15 0.00	37.77 -4.29 0.00	39.02 -4.48 0.02	41.45 -5.02 1.77	46.08 -5.24 -0.44	43.36 -4.98 2.53	41.26 -4.71 1.17	36.77 -4.15 -0.21	35.33 -4.22 -0.08	34.04 -4.04 -0.01	34.18 -3.63 0.00
BARON_WINDS___WT_PWR 323822	35.66 -1.76 0.00	33.08 -1.52 0.00	32.22 -1.38 0.00	32.23 -1.34 0.00	31.63 -1.25 0.00	33.42 -1.14 0.00	44.03 -1.60 0.00	45.50 -2.34 -0.11	45.34 -2.39 0.00	42.95 -2.07 0.00	44.06 -2.37 0.00	42.55 -2.10 0.00	40.09 -2.20 0.00	40.37 -2.03 0.00	39.92 -2.14 0.00	41.22 -2.27 0.04	43.85 -2.41 1.97	48.63 -2.44 -0.19	45.39 -2.34 3.15	43.38 -2.31 1.45	38.64 -2.12 -0.04	37.28 -2.25 -0.06	35.84 -2.25 -0.01	35.84 -1.97 0.00
BARRETT_IC_1 23704	40.21 2.21 -0.58	39.05 2.01 -2.44	37.92 1.98 -2.34	35.89 1.98 -0.33	37.51 1.97 -2.66	45.32 2.24 -8.52	59.79 3.38 -10.79	69.27 3.77 -17.77	63.78 3.77 -12.29	59.80 3.33 -11.44	62.47 3.67 -12.38	61.35 3.44 -13.26	61.15 3.38 -15.47	62.52 3.35 -16.77	63.47 3.37 -18.05	66.28 3.44 -19.32	62.61 4.05 -10.32	77.29 4.42 -21.99	77.18 4.27 -22.03	65.85 4.01 -14.70	70.61 3.34 -26.56	68.99 3.12 -26.41	58.13 3.05 -17.01	50.66 2.87 -9.98
BARRETT_IC_10 23701	40.21 2.21 -0.58	39.05 2.01 -2.44	37.92 1.98 -2.34	35.89 1.98 -0.33	37.51 1.97 -2.66	45.32 2.24 -8.52	59.79 3.38 -10.79	69.27 3.77 -17.77	63.78 3.77 -12.29	59.80 3.33 -11.44	62.47 3.67 -12.38	61.35 3.44 -13.26	61.15 3.38 -15.47	62.52 3.35 -16.77	63.47 3.37 -18.05	66.28 3.44 -19.32	62.61 4.05 -10.32	77.29 4.42 -21.99	77.18 4.27 -22.03	65.85 4.01 -14.70	70.61 3.34 -26.56	68.99 3.12 -26.41	58.13 3.05 -17.01	50.66 2.87 -9.98
BARRETT_IC_11 23702	40.21 2.21 -0.58	39.05 2.01 -2.44	37.92 1.98 -2.34	35.89 1.98 -0.33	37.51 1.97 -2.66	45.32 2.24 -8.52	59.79 3.38 -10.79	69.27 3.77 -17.77	63.78 3.77 -12.29	59.80 3.33 -11.44	62.47 3.67 -12.38	61.35 3.44 -13.26	61.15 3.38 -15.47	62.52 3.35 -16.77	63.47 3.37 -18.05	66.28 3.44 -19.32	62.61 4.05 -10.32	77.29 4.42 -21.99	77.18 4.27 -22.03	65.85 4.01 -14.70	70.61 3.34 -26.56	68.99 3.12 -26.41	58.13 3.05 -17.01	50.66 2.87 -9.98
BARRETT_IC_12 23703	40.21 2.21 -0.58	39.05 2.01 -2.44	37.92 1.98 -2.34	35.89 1.98 -0.33	37.51 1.97 -2.66	45.32 2.24 -8.52	59.79 3.38 -10.79	69.27 3.77 -17.77	63.78 3.77 -12.29	59.80 3.33 -11.44	62.47 3.67 -12.38	61.35 3.44 -13.26	61.15 3.38 -15.47	62.52 3.35 -16.77	63.47 3.37 -18.05	66.28 3.44 -19.32	62.61 4.05 -10.32	77.29 4.42 -21.99	77.18 4.27 -22.03	65.85 4.01 -14.70	70.61 3.34 -26.56	68.99 3.12 -26.41	58.13 3.05 -17.01	50.66 2.87 -9.98
BARRETT_IC_2 23705	40.21 2.21 -0.58	39.05 2.01 -2.44	37.92 1.98 -2.34	35.89 1.98 -0.33	37.51 1.97 -2.66	45.32 2.24 -8.52	59.79 3.38 -10.79	69.27 3.77 -17.77	63.78 3.77 -12.29	59.80 3.33 -11.44	62.47 3.67 -12.38	61.35 3.44 -13.26	61.15 3.38 -15.47	62.52 3.35 -16.77	63.47 3.37 -18.05	66.28 3.44 -19.32	62.61 4.05 -10.32	77.29 4.42 -21.99	77.18 4.27 -22.03	65.85 4.01 -14.70	70.61 3.34 -26.56	68.99 3.12 -26.41	58.13 3.05 -17.01	50.66 2.87 -9.98
BARRETT_IC_3 23706	40.21 2.21 -0.58	39.05 2.01 -2.44	37.92 1.98 -2.34	35.89 1.98 -0.33	37.51 1.97 -2.66	45.32 2.24 -8.52	59.79 3.38 -10.79	69.27 3.77 -17.77	63.78 3.77 -12.29	59.80 3.33 -11.44	62.47 3.67 -12.38	61.35 3.44 -13.26	61.15 3.38 -15.47	62.52 3.35 -16.77	63.47 3.37 -18.05	66.28 3.44 -19.32	62.61 4.05 -10.32	77.29 4.42 -21.99	77.18 4.27 -22.03	65.85 4.01 -14.70	70.61 3.34 -26.56	68.99 3.12 -26.41	58.13 3.05 -17.01	50.66 2.87 -9.98
BARRETT_IC_4 23707	40.21 2.21 -0.58	39.05 2.01 -2.44	37.92 1.98 -2.34	35.89 1.98 -0.33	37.51 1.97 -2.66	45.32 2.24 -8.52	59.79 3.38 -10.79	69.27 3.77 -17.77	63.78 3.77 -12.29	59.80 3.33 -11.44	62.47 3.67 -12.38	61.35 3.44 -13.26	61.15 3.38 -15.47	62.52 3.35 -16.77	63.47 3.37 -18.05	66.28 3.44 -19.32	62.61 4.05 -10.32	77.29 4.42 -21.99	77.18 4.27 -22.03	65.85 4.01 -14.70	70.61 3.34 -26.56	68.99 3.12 -26.41	58.13 3.05 -17.01	50.66 2.87 -9.98

BARRETT_IC_5 23708	40.21 2.21 -0.58	39.05 2.01 -2.44	37.92 1.98 -2.34	35.89 1.98 -0.33	37.51 1.97 -2.66	45.32 2.24 -8.52	59.79 3.38 -10.79	69.27 3.77 -17.77	63.78 3.77 -12.29	59.80 3.33 -11.44	62.47 3.67 -12.38	61.35 3.44 -13.26	61.15 3.38 -15.47	62.52 3.35 -16.77	63.47 3.37 -18.05	66.28 3.44 -19.32	62.61 4.05 -10.32	77.29 4.42 -21.99	77.18 4.27 -22.03	65.85 4.01 -14.70	70.61 3.34 -26.56	68.99 3.12 -26.41	58.13 3.05 -17.01	50.66 2.87 -9.98
BARRETT_IC_6 23709	40.21 2.21 -0.58	39.05 2.01 -2.44	37.92 1.98 -2.34	35.89 1.98 -0.33	37.51 1.97 -2.66	45.32 2.24 -8.52	59.79 3.38 -10.79	69.27 3.77 -17.77	63.78 3.77 -12.29	59.80 3.33 -11.44	62.47 3.67 -12.38	61.35 3.44 -13.26	61.15 3.38 -15.47	62.52 3.35 -16.77	63.47 3.37 -18.05	66.28 3.44 -19.32	62.61 4.05 -10.32	77.29 4.42 -21.99	77.18 4.27 -22.03	65.85 4.01 -14.70	70.61 3.34 -26.56	68.99 3.12 -26.41	58.13 3.05 -17.01	50.66 2.87 -9.98
BARRETT_IC_7 23710	40.21 2.21 -0.58	39.05 2.01 -2.44	37.92 1.98 -2.34	35.89 1.98 -0.33	37.51 1.97 -2.66	45.29 2.21 -8.52	59.79 3.38 -10.79	69.27 3.77 -17.77	63.74 3.72 -12.29	59.89 3.42 -11.44	62.47 3.67 -12.38	61.39 3.48 -13.26	61.15 3.38 -15.47	62.52 3.35 -16.77	63.47 3.36 -18.05	66.29 3.44 -19.32	62.66 4.10 -10.32	77.29 4.43 -21.99	77.08 4.17 -22.03	65.85 4.01 -14.70	70.65 3.38 -26.56	68.99 3.12 -26.41	58.16 3.08 -17.01	50.36 2.57 -9.98
BARRETT_IC_8 23711	40.21 2.21 -0.58	39.05 2.01 -2.44	37.92 1.98 -2.34	35.89 1.98 -0.33	37.51 1.97 -2.66	45.32 2.24 -8.52	59.79 3.38 -10.79	69.27 3.77 -17.77	63.78 3.77 -12.29	59.80 3.33 -11.44	62.47 3.67 -12.38	61.35 3.44 -13.26	61.15 3.38 -15.47	62.52 3.35 -16.77	63.47 3.37 -18.05	66.28 3.44 -19.32	62.61 4.05 -10.32	77.29 4.42 -21.99	77.18 4.27 -22.03	65.85 4.01 -14.70	70.61 3.34 -26.56	68.99 3.12 -26.41	58.13 3.05 -17.01	50.66 2.87 -9.98
BARRETT_IC_9 23700	40.21 2.21 -0.58	39.05 2.01 -2.44	37.92 1.98 -2.34	35.89 1.98 -0.33	37.51 1.97 -2.66	45.32 2.24 -8.52	59.79 3.38 -10.79	69.27 3.77 -17.77	63.78 3.77 -12.29	59.80 3.33 -11.44	62.47 3.67 -12.38	61.35 3.44 -13.26	61.15 3.38 -15.47	62.52 3.35 -16.77	63.47 3.37 -18.05	66.28 3.44 -19.32	62.61 4.05 -10.32	77.29 4.42 -21.99	77.18 4.27 -22.03	65.85 4.01 -14.70	70.61 3.34 -26.56	68.99 3.12 -26.41	58.13 3.05 -17.01	50.66 2.87 -9.98
BARRETT___1 23545	40.21 2.21 -0.58	39.05 2.01 -2.44	37.92 1.98 -2.34	35.89 1.98 -0.33	37.51 1.97 -2.66	45.32 2.24 -8.52	59.79 3.38 -10.79	69.27 3.77 -17.77	63.78 3.77 -12.29	59.80 3.33 -11.44	62.47 3.67 -12.38	61.35 3.44 -13.26	61.15 3.38 -15.47	62.52 3.35 -16.77	63.47 3.37 -18.05	66.28 3.44 -19.32	62.61 4.05 -10.32	77.29 4.42 -21.99	77.18 4.27 -22.03	65.85 4.01 -14.70	70.61 3.34 -26.56	68.99 3.12 -26.41	58.13 3.05 -17.01	50.66 2.87 -9.98
BARRETT___2 23546	40.21 2.21 -0.58	39.05 2.01 -2.44	37.92 1.98 -2.34	35.89 1.98 -0.33	37.51 1.97 -2.66	45.32 2.24 -8.52	59.79 3.38 -10.79	69.27 3.77 -17.77	63.78 3.77 -12.29	59.80 3.33 -11.44	62.47 3.67 -12.38	61.35 3.44 -13.26	61.15 3.38 -15.47	62.52 3.35 -16.77	63.47 3.37 -18.05	66.28 3.44 -19.32	62.61 4.05 -10.32	77.29 4.42 -21.99	77.18 4.27 -22.03	65.85 4.01 -14.70	70.61 3.34 -26.56	68.99 3.12 -26.41	58.13 3.05 -17.01	50.66 2.87 -9.98
BATAVIA___115KV_TB1 55881	34.09 -3.33 0.00	31.66 -2.94 0.00	30.74 -2.86 0.00	30.85 -2.72 0.00	30.25 -2.63 0.00	32.00 -2.56 0.00	41.88 -3.74 0.00	43.21 -4.58 -0.07	43.53 -4.20 0.00	41.02 -4.01 0.00	41.74 -4.69 0.00	40.50 -4.15 0.00	38.40 -3.89 0.00	38.75 -3.65 0.00	38.23 -3.83 0.00	39.42 -4.09 0.02	41.65 -4.78 1.81	46.76 -4.58 -0.46	43.85 -4.43 2.61	41.48 -4.48 1.19	37.00 -3.95 -0.23	35.88 -3.67 -0.08	34.73 -3.35 -0.01	34.25 -3.55 0.00
BAYONEEC___CTG1 323682	39.10 1.69 0.00	36.12 1.52 0.00	35.11 1.51 0.00	35.08 1.51 0.00	34.39 1.51 0.00	36.32 1.76 0.00	48.73 3.10 0.00	51.83 3.58 -0.52	51.31 3.58 0.00	48.17 3.15 0.00	49.95 3.53 0.00	47.91 3.26 0.00	45.60 3.30 0.00	45.62 3.22 0.00	45.30 3.24 0.00	46.79 3.27 0.00	52.13 3.86 -0.04	62.99 4.22 -7.89	61.69 4.12 -6.70	54.49 3.77 -3.57	48.29 3.22 -4.36	43.62 3.00 -1.15	41.03 2.89 -0.07	40.57 2.76 -0.01
BAYONEEC___CTG10 323750	39.10 1.69 0.00	36.12 1.52 0.00	35.11 1.51 0.00	35.08 1.51 0.00	34.39 1.51 0.00	36.32 1.76 0.00	48.73 3.10 0.00	51.83 3.58 -0.52	51.31 3.58 0.00	48.17 3.15 0.00	49.95 3.53 0.00	47.91 3.26 0.00	45.60 3.30 0.00	45.62 3.22 0.00	45.30 3.24 0.00	46.79 3.27 0.00	52.13 3.86 -0.04	62.99 4.22 -7.89	61.69 4.12 -6.70	54.49 3.77 -3.57	48.29 3.22 -4.36	43.62 3.00 -1.15	41.03 2.89 -0.07	40.57 2.76 -0.01
BAYONEEC___CTG2 323683	39.10 1.69 0.00	36.12 1.52 0.00	35.11 1.51 0.00	35.08 1.51 0.00	34.39 1.51 0.00	36.32 1.76 0.00	48.73 3.10 0.00	51.83 3.58 -0.52	51.31 3.58 0.00	48.17 3.15 0.00	49.95 3.53 0.00	47.91 3.26 0.00	45.60 3.30 0.00	45.62 3.22 0.00	45.30 3.24 0.00	46.79 3.27 0.00	52.13 3.86 -0.04	62.99 4.22 -7.89	61.69 4.12 -6.70	54.49 3.77 -3.57	48.29 3.22 -4.36	43.62 3.00 -1.15	41.03 2.89 -0.07	40.57 2.76 -0.01
BAYONEEC___CTG3 323684	39.10 1.69 0.00	36.12 1.52 0.00	35.11 1.51 0.00	35.08 1.51 0.00	34.39 1.51 0.00	36.32 1.76 0.00	48.73 3.10 0.00	51.83 3.58 -0.52	51.31 3.58 0.00	48.17 3.15 0.00	49.95 3.53 0.00	47.91 3.26 0.00	45.60 3.30 0.00	45.62 3.22 0.00	45.30 3.24 0.00	46.79 3.27 0.00	52.13 3.86 -0.04	62.99 4.22 -7.89	61.69 4.12 -6.70	54.49 3.77 -3.57	48.29 3.22 -4.36	43.62 3.00 -1.15	41.03 2.89 -0.07	40.57 2.76 -0.01
BAYONEEC___CTG4 323685	39.10 1.69 0.00	36.12 1.52 0.00	35.11 1.51 0.00	35.08 1.51 0.00	34.39 1.51 0.00	36.32 1.76 0.00	48.73 3.10 0.00	51.83 3.58 -0.52	51.31 3.58 0.00	48.17 3.15 0.00	49.95 3.53 0.00	47.91 3.26 0.00	45.60 3.30 0.00	45.62 3.22 0.00	45.30 3.24 0.00	46.79 3.27 0.00	52.13 3.86 -0.04	62.99 4.22 -7.89	61.69 4.12 -6.70	54.49 3.77 -3.57	48.29 3.22 -4.36	43.62 3.00 -1.15	41.03 2.89 -0.07	40.57 2.76 -0.01
BAYONEEC___CTG5 323686	39.10 1.69 0.00	36.12 1.52 0.00	35.11 1.51 0.00	35.08 1.51 0.00	34.39 1.51 0.00	36.32 1.76 0.00	48.73 3.10 0.00	51.83 3.58 -0.52	51.31 3.58 0.00	48.17 3.15 0.00	49.95 3.53 0.00	47.91 3.26 0.00	45.60 3.30 0.00	45.62 3.22 0.00	45.30 3.24 0.00	46.79 3.27 0.00	52.13 3.86 -0.04	62.99 4.22 -7.89	61.69 4.12 -6.70	54.49 3.77 -3.57	48.29 3.22 -4.36	43.62 3.00 -1.15	41.03 2.89 -0.07	40.57 2.76 -0.01
BAYONEEC___CTG6 323687	39.10 1.69 0.00	36.12 1.52 0.00	35.11 1.51 0.00	35.08 1.51 0.00	34.39 1.51 0.00	36.32 1.76 0.00	48.73 3.10 0.00	51.83 3.58 -0.52	51.31 3.58 0.00	48.17 3.15 0.00	49.95 3.53 0.00	47.91 3.26 0.00	45.60 3.30 0.00	45.62 3.22 0.00	45.30 3.24 0.00	46.79 3.27 0.00	52.13 3.86 -0.04	62.99 4.22 -7.89	61.69 4.12 -6.70	54.49 3.77 -3.57	48.29 3.22 -4.36	43.62 3.00 -1.15	41.03 2.89 -0.07	40.57 2.76 -0.01

BAYONEEC___CTG7 323688	39.10 1.69 0.00	36.12 1.52 0.00	35.11 1.51 0.00	35.08 1.51 0.00	34.39 1.51 0.00	36.32 1.76 0.00	48.73 3.10 0.00	51.83 3.58 -0.52	51.31 3.58 0.00	48.17 3.15 0.00	49.95 3.53 0.00	47.91 3.26 0.00	45.60 3.30 0.00	45.62 3.22 0.00	45.30 3.24 0.00	46.79 3.27 0.00	52.13 3.86 -0.04	62.99 4.22 -7.89	61.69 4.12 -6.70	54.49 3.77 -3.57	48.29 3.22 -4.36	43.62 3.00 -1.15	41.03 2.89 -0.07	40.57 2.76 -0.01
BAYONEEC___CTG8 323689	39.10 1.69 0.00	36.12 1.52 0.00	35.11 1.51 0.00	35.08 1.51 0.00	34.39 1.51 0.00	36.32 1.76 0.00	48.73 3.10 0.00	51.83 3.58 -0.52	51.31 3.58 0.00	48.17 3.15 0.00	49.95 3.53 0.00	47.91 3.26 0.00	45.60 3.30 0.00	45.62 3.22 0.00	45.30 3.24 0.00	46.79 3.27 0.00	52.13 3.86 -0.04	62.99 4.22 -7.89	61.69 4.12 -6.70	54.49 3.77 -3.57	48.29 3.22 -4.36	43.62 3.00 -1.15	41.03 2.89 -0.07	40.57 2.76 -0.01
BAYONEEC___CTG9 323749	39.10 1.69 0.00	36.12 1.52 0.00	35.11 1.51 0.00	35.08 1.51 0.00	34.39 1.51 0.00	36.32 1.76 0.00	48.73 3.10 0.00	51.83 3.58 -0.52	51.31 3.58 0.00	48.17 3.15 0.00	49.95 3.53 0.00	47.91 3.26 0.00	45.60 3.30 0.00	45.62 3.22 0.00	45.30 3.24 0.00	46.79 3.27 0.00	52.13 3.86 -0.04	62.99 4.22 -7.89	61.69 4.12 -6.70	54.49 3.77 -3.57	48.29 3.22 -4.36	43.62 3.00 -1.15	41.03 2.89 -0.07	40.57 2.76 -0.01
BEACON___LESR 323632	39.33 1.91 0.00	36.29 1.69 0.00	35.25 1.65 0.00	35.22 1.64 0.00	34.49 1.61 0.00	36.38 1.83 0.00	48.36 2.74 0.00	51.28 2.91 -0.64	50.74 3.01 0.00	47.73 2.70 0.00	48.98 2.55 0.00	47.06 2.41 0.00	44.41 2.11 0.00	44.52 2.12 0.00	44.21 2.14 0.00	45.74 2.22 0.00	50.87 2.60 -0.03	63.28 2.69 -9.70	61.98 2.85 -8.25	54.18 2.64 -4.40	48.33 2.24 -5.38	43.29 2.41 -1.42	40.46 2.32 -0.07	40.08 2.27 0.00
BEAVER RIVER___HYD 24048	37.04 -0.37 0.00	34.25 -0.35 0.00	33.23 -0.37 0.00	33.17 -0.40 0.00	32.48 -0.39 0.00	34.14 -0.41 0.00	45.35 -0.27 0.00	47.66 -0.10 -0.02	47.59 -0.14 0.00	45.02 0.00 0.00	46.24 -0.18 0.00	44.43 -0.22 0.00	42.13 -0.17 0.00	42.19 -0.21 0.00	41.89 -0.17 0.00	43.48 -0.04 0.00	48.24 0.00 0.00	51.24 0.05 -0.31	51.19 0.05 -0.26	46.72 -0.56 -0.14	40.15 -0.73 -0.17	38.80 -0.71 -0.05	37.35 -0.72 0.00	36.98 -0.83 0.00
BEEBEE_GT_13 23619	34.65 -2.77 0.00	32.14 -2.46 0.00	31.21 -2.39 0.00	31.29 -2.28 0.00	30.64 -2.24 0.00	32.38 -2.18 0.00	42.66 -2.97 0.00	44.26 -3.53 -0.06	44.44 -3.29 0.00	41.92 -3.11 0.00	42.85 -3.57 0.00	41.44 -3.21 0.00	39.29 -3.00 0.00	39.56 -2.84 0.00	39.08 -2.99 0.00	40.33 -3.18 0.01	42.62 -3.76 1.85	47.85 -3.51 -0.48	44.63 -3.56 2.69	42.35 -3.58 1.21	37.87 -3.09 -0.25	36.78 -2.76 -0.08	35.41 -2.67 -0.01	34.97 -2.84 0.00
BENSHRST_27_KV_BENSHRST_1 355998	39.55 2.13 0.00	36.53 1.94 0.00	35.48 1.88 0.00	35.45 1.88 0.00	34.78 1.91 0.00	36.66 2.11 0.00	49.23 3.60 0.00	105.25 4.25 -53.27	109.68 4.20 -57.75	48.76 3.74 0.00	50.51 4.09 0.00	48.45 3.80 0.00	46.16 3.81 -0.06	46.22 3.82 0.00	112.29 3.83 -66.40	47.50 3.92 -0.06	53.01 4.63 -0.14	95.66 4.99 -39.80	92.07 4.94 -36.26	115.74 4.57 -64.03	93.50 3.87 -48.92	92.11 3.59 -49.06	41.58 3.43 -0.08	40.85 3.02 -0.01
BETHLEHEM___GRP 23843	38.69 1.27 0.00	35.74 1.14 0.00	34.71 1.11 0.00	34.68 1.11 0.00	33.96 1.08 0.00	35.80 1.24 0.00	47.54 1.92 0.00	50.37 2.00 -0.64	49.78 2.05 0.00	46.92 1.89 0.00	48.00 1.58 0.00	46.12 1.47 0.00	43.61 1.31 0.00	43.71 1.31 0.00	43.41 1.35 0.00	44.92 1.39 0.00	49.96 1.69 -0.03	62.22 1.63 -9.71	60.87 1.73 -8.26	53.20 1.65 -4.40	47.52 1.43 -5.38	42.66 1.43 -1.42	39.85 1.71 -0.07	39.21 1.40 0.00
BETHLEHEM___GS1 323560	38.69 1.27 0.00	35.74 1.14 0.00	34.71 1.11 0.00	34.68 1.11 0.00	33.96 1.08 0.00	35.80 1.24 0.00	47.54 1.92 0.00	50.37 2.00 -0.64	49.78 2.05 0.00	46.87 1.85 0.00	48.00 1.58 0.00	46.12 1.47 0.00	43.61 1.31 0.00	43.72 1.32 0.00	43.41 1.35 0.00	44.92 1.39 0.00	49.91 1.64 -0.03	62.22 1.63 -9.71	60.87 1.73 -8.26	53.20 1.65 -4.40	47.52 1.42 -5.38	42.67 1.78 -1.42	39.85 1.71 -0.07	39.47 1.66 0.00
BETHLEHEM___GS2 323561	38.69 1.27 0.00	35.74 1.14 0.00	34.71 1.11 0.00	34.68 1.11 0.00	33.96 1.08 0.00	35.80 1.24 0.00	47.54 1.92 0.00	50.37 2.00 -0.64	49.78 2.05 0.00	46.87 1.85 0.00	48.00 1.58 0.00	46.12 1.47 0.00	43.61 1.31 0.00	43.72 1.32 0.00	43.41 1.35 0.00	44.92 1.39 0.00	49.91 1.64 -0.03	62.22 1.63 -9.71	60.87 1.73 -8.26	53.20 1.65 -4.40	47.52 1.42 -5.38	42.67 1.78 -1.42	39.85 1.71 -0.07	39.47 1.66 0.00
BETHLEHEM___GS3 323562	38.69 1.27 0.00	35.74 1.14 0.00	34.71 1.11 0.00	34.68 1.11 0.00	33.96 1.08 0.00	35.80 1.24 0.00	47.54 1.92 0.00	50.37 2.00 -0.64	49.78 2.05 0.00	46.87 1.85 0.00	48.00 1.58 0.00	46.12 1.47 0.00	43.61 1.31 0.00	43.72 1.32 0.00	43.41 1.35 0.00	44.92 1.39 0.00	49.91 1.64 -0.03	62.22 1.63 -9.71	60.87 1.73 -8.26	53.20 1.65 -4.40	47.52 1.42 -5.38	42.67 1.78 -1.42	39.85 1.71 -0.07	39.47 1.66 0.00
BETHLEHEM___STEEL 23779	33.75 -3.67 0.00	31.38 -3.22 0.00	30.54 -3.06 0.00	30.65 -2.92 0.00	30.05 -2.83 0.00	31.65 -2.90 0.00	41.25 -4.38 0.00	42.31 -5.49 -0.07	42.48 -5.25 0.00	40.25 -4.77 0.00	40.99 -5.43 0.00	39.83 -4.82 0.00	37.73 -4.57 0.00	38.07 -4.32 0.00	37.56 -4.50 0.00	38.72 -4.79 0.02	41.16 -5.31 1.77	45.82 -5.49 -0.44	43.00 -5.34 2.54	40.97 -5.00 1.18	36.49 -4.44 -0.21	35.17 -4.38 -0.08	34.27 -3.81 -0.01	33.88 -3.93 0.00
BETHLHEM_115KV_TB1 79974	38.65 1.23 0.00	35.70 1.11 0.00	34.68 1.08 0.00	34.68 1.11 0.00	33.93 1.05 0.00	35.76 1.21 0.00	47.50 1.87 0.00	50.37 2.00 -0.64	49.73 2.00 0.00	46.87 1.85 0.00	48.05 1.62 0.00	46.17 1.52 0.00	43.65 1.35 0.00	43.76 1.36 0.00	43.45 1.39 0.00	44.96 1.44 0.00	50.00 1.74 -0.03	62.27 1.68 -9.71	60.91 1.78 -8.26	53.24 1.70 -4.40	47.56 1.47 -5.38	42.62 1.74 -1.42	39.85 1.71 -0.07	39.21 1.40 0.00
BETHPAGE_CC_5 323564	40.28 2.28 -0.58	39.12 2.08 -2.44	37.99 2.05 -2.34	35.99 2.08 -0.33	37.57 2.04 -2.66	45.39 2.32 -8.52	60.20 3.78 -10.79	69.70 4.20 -17.77	64.26 4.25 -12.29	60.29 3.82 -11.44	62.89 4.09 -12.38	61.80 3.88 -13.26	61.58 3.81 -15.47	62.94 3.77 -16.77	63.89 3.79 -18.05	66.72 3.87 -19.32	63.05 4.49 -10.32	77.80 4.93 -21.99	77.79 4.88 -22.03	66.33 4.48 -14.70	71.06 3.79 -26.56	69.43 3.55 -26.41	58.47 3.39 -17.01	51.08 3.29 -9.98
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	33.94 -3.48 0.00	31.55 -3.04 0.00	30.71 -2.89 0.00	30.85 -2.72 0.00	30.21 -2.66 0.00	31.82 -2.73 0.00	41.47 -4.15 0.00	42.60 -5.20 -0.07	42.76 -4.96 0.00	40.52 -4.50 0.00	41.27 -5.15 0.00	40.10 -4.55 0.00	37.94 -4.36 0.00	38.33 -4.07 0.00	37.81 -4.25 0.00	38.93 -4.57 0.02	41.55 -4.92 1.77	46.08 -5.24 -0.44	43.31 -5.04 2.53	41.35 -4.62 1.17	36.73 -4.19 -0.21	35.29 -4.26 -0.08	34.46 -3.62 -0.01	34.03 -3.78 0.00

BINGHAMTON___COGEN 23790	37.31 -0.11 0.00	34.53 -0.07 0.00	33.53 -0.07 0.00	33.54 -0.03 0.00	32.88 0.00 0.00	34.69 0.14 0.00	46.04 0.41 0.00	48.14 0.24 -0.17	48.01 0.29 0.00	45.25 0.23 0.00	46.56 0.14 0.00	44.83 0.18 0.00	42.46 0.17 0.00	42.61 0.21 0.00	42.23 0.17 0.00	43.70 0.17 0.00	48.79 0.29 -0.26	53.89 0.41 -2.61	54.71 0.46 -3.38	48.85 0.33 -1.38	42.36 0.20 -1.44	39.97 0.12 -0.38	38.24 0.15 -0.02	37.77 -0.04 0.00
BIXINCNT_115KV_LOAD 355685	34.65 -2.77 0.00	32.21 -2.39 0.00	31.42 -2.18 0.00	31.49 -2.08 0.00	30.84 -2.04 0.00	32.55 -2.00 0.00	42.39 -3.24 0.00	43.56 -4.25 -0.08	43.67 -4.06 0.00	41.38 -3.65 0.00	42.11 -4.32 0.00	40.94 -3.71 0.00	38.62 -3.68 0.00	38.92 -3.48 0.00	38.36 -3.70 0.00	39.45 -4.05 0.02	42.36 -4.10 1.77	46.58 -4.73 -0.44	44.14 -4.43 2.32	41.72 -4.24 1.18	37.01 -3.91 -0.21	35.33 -4.22 -0.08	34.65 -3.43 -0.01	34.22 -3.59 0.00
BLACK RIVER___HYD 24047	36.67 -0.75 0.00	33.91 -0.69 0.00	32.89 -0.71 0.00	32.87 -0.71 0.00	32.22 -0.66 0.00	34.00 -0.55 0.00	45.31 -0.32 0.00	47.62 -0.14 -0.03	47.54 -0.19 0.00	44.98 -0.04 0.00	46.15 -0.28 0.00	44.38 -0.27 0.00	42.04 -0.25 0.00	42.15 -0.25 0.00	41.81 -0.25 0.00	43.39 -0.13 0.00	48.19 -0.05 0.00	51.50 0.20 -0.42	51.39 0.15 -0.35	47.01 -0.33 -0.19	40.46 -0.49 -0.23	38.94 -0.59 -0.06	37.39 -0.68 0.00	36.98 -0.83 0.00
BLACKRVR_115KV_TB2 79977	36.67 -0.75 0.00	33.91 -0.69 0.00	32.89 -0.71 0.00	32.87 -0.71 0.00	32.22 -0.66 0.00	34.00 -0.55 0.00	45.31 -0.32 0.00	47.62 -0.14 -0.03	47.59 -0.14 0.00	44.98 -0.05 0.00	46.15 -0.28 0.00	44.38 -0.27 0.00	42.04 -0.25 0.00	42.15 -0.25 0.00	41.81 -0.25 0.00	43.39 -0.13 0.00	48.19 -0.05 0.00	51.50 0.20 -0.42	51.39 0.15 -0.35	47.00 -0.33 -0.19	40.42 -0.53 -0.23	38.93 -0.59 -0.06	37.39 -0.69 0.00	36.94 -0.87 0.00
BLISS_WT_PWR 323608	34.65 -2.77 0.00	32.24 -2.35 0.00	31.45 -2.15 0.00	31.52 -2.05 0.00	30.84 -2.04 0.00	32.62 -1.93 0.00	42.57 -3.06 0.00	43.61 -4.20 -0.08	43.48 -4.25 0.00	41.42 -3.60 0.00	42.39 -4.04 0.00	41.08 -3.57 0.00	38.57 -3.72 0.00	38.92 -3.48 0.00	38.32 -3.74 0.00	39.50 -4.00 0.02	42.36 -4.10 1.77	46.53 -4.78 -0.44	44.08 -4.48 2.32	41.58 -4.38 1.18	36.85 -4.07 -0.21	35.13 -4.42 -0.08	33.78 -4.30 -0.01	34.22 -3.59 0.00
BLUESTONE___WT_PWR 323821	39.40 1.98 0.00	36.46 1.87 0.00	35.41 1.81 0.00	35.38 1.81 0.00	34.68 1.81 0.00	36.73 2.18 0.00	49.28 3.65 0.00	51.73 3.82 -0.18	51.50 3.77 0.00	48.54 3.51 0.00	49.77 3.34 0.00	47.78 3.12 0.00	45.30 3.00 0.00	45.41 3.01 0.00	45.05 2.99 0.00	46.76 3.22 -0.01	52.90 3.62 -1.05	58.43 4.22 -3.33	60.69 4.27 -5.54	53.24 3.77 -2.32	45.67 3.09 -1.87	42.74 2.80 -0.48	40.56 2.47 -0.02	40.11 2.31 0.00
BLUE_CIRC_CHEM_DRP 24182	38.88 1.46 0.00	35.91 1.31 0.00	34.91 1.31 0.00	34.88 1.31 0.00	34.13 1.25 0.00	35.94 1.38 0.00	47.68 2.05 0.00	50.46 2.10 -0.63	49.83 2.10 0.00	46.96 1.94 0.00	48.28 1.86 0.00	46.39 1.74 0.00	43.86 1.56 0.00	43.97 1.57 0.00	43.66 1.60 0.00	45.18 1.65 0.00	50.20 1.93 -0.03	62.42 1.98 -9.56	61.04 2.04 -8.13	53.41 1.93 -4.33	47.68 1.67 -5.29	42.68 1.82 -1.40	39.93 1.79 -0.07	39.32 1.51 0.00
BOC_GAS_DRP 24189	38.39 0.97 0.00	35.50 0.90 0.00	34.47 0.87 0.00	34.44 0.87 0.00	33.73 0.85 0.00	35.56 1.00 0.00	47.22 1.60 0.00	50.08 1.72 -0.63	49.45 1.72 0.00	46.60 1.58 0.00	48.00 1.58 0.00	46.12 1.47 0.00	43.69 1.40 0.00	43.80 1.40 0.00	43.45 1.39 0.00	44.96 1.44 0.00	49.96 1.69 -0.03	62.33 1.78 -9.67	60.89 1.78 -8.23	53.18 1.65 -4.38	47.50 1.43 -5.36	42.38 1.50 -1.42	39.58 1.45 -0.07	39.02 1.21 0.00
BOONVILLE_115KV_TB1 79983	37.94 0.52 0.00	35.08 0.48 0.00	34.07 0.47 0.00	34.04 0.47 0.00	33.34 0.46 0.00	35.18 0.62 0.00	46.81 1.19 0.00	49.09 1.34 -0.02	49.06 1.34 0.00	46.33 1.31 0.00	47.59 1.16 0.00	45.72 1.07 0.00	43.35 1.06 0.00	43.46 1.06 0.00	43.15 1.09 0.00	44.70 1.18 0.00	49.59 1.35 0.00	52.69 1.53 -0.28	52.65 1.53 -0.24	48.26 0.99 -0.13	41.56 0.69 -0.16	40.14 0.63 -0.04	38.64 0.57 0.00	38.19 0.38 0.00
BORALEX_4TH_BRANCH 23824	39.36 1.95 0.00	36.36 1.76 0.00	35.31 1.71 0.00	35.32 1.75 0.00	34.59 1.71 0.00	36.49 1.94 0.00	48.59 2.97 0.00	51.52 3.15 -0.64	50.88 3.15 0.00	47.91 2.88 0.00	49.54 3.11 0.00	47.60 2.95 0.00	45.04 2.75 0.00	45.16 2.76 0.00	44.80 2.73 0.00	46.35 2.83 0.00	51.60 3.33 -0.03	64.18 3.61 -9.69	62.73 3.61 -8.24	54.88 3.35 -4.39	48.93 2.85 -5.37	43.57 2.68 -1.42	40.73 2.59 -0.07	40.08 2.27 0.00
BOWLINE___1 23526	38.73 1.31 0.00	35.81 1.21 0.00	34.81 1.21 0.00	34.78 1.21 0.00	34.06 1.18 0.00	35.97 1.42 0.00	48.13 2.51 0.00	51.10 2.86 -0.50	50.54 2.82 0.00	47.45 2.43 0.00	49.12 2.69 0.00	47.19 2.54 0.00	44.83 2.54 0.00	44.86 2.46 0.00	44.54 2.48 0.00	46.05 2.52 0.00	51.25 2.99 -0.03	61.88 3.36 -7.64	60.64 3.26 -6.50	53.58 2.97 -3.46	47.47 2.53 -4.23	42.91 2.33 -1.12	40.41 2.28 -0.05	40.00 2.19 0.00
BOWLINE___2 23595	38.73 1.31 0.00	35.81 1.21 0.00	34.81 1.21 0.00	34.78 1.21 0.00	34.06 1.18 0.00	35.97 1.42 0.00	48.13 2.51 0.00	51.10 2.86 -0.50	50.45 2.72 0.00	47.41 2.38 0.00	49.07 2.64 0.00	47.15 2.50 0.00	44.79 2.49 0.00	44.81 2.42 0.00	44.50 2.44 0.00	46.00 2.48 0.00	51.15 2.89 -0.03	61.78 3.26 -7.64	60.53 3.16 -6.50	53.49 2.88 -3.46	47.43 2.48 -4.23	42.91 2.33 -1.12	40.37 2.25 -0.05	40.00 2.19 0.00
BRADY___115KV_TB2 356060	38.43 1.01 0.00	35.53 0.93 0.00	34.44 0.84 0.00	34.34 0.77 0.00	33.57 0.69 0.00	34.93 0.38 0.00	45.72 0.09 0.00	47.92 0.19 0.00	47.92 0.19 0.00	45.47 0.45 0.00	46.89 0.46 0.00	45.01 0.36 0.00	42.63 0.34 0.00	42.78 0.38 0.00	42.40 0.34 0.00	43.92 0.39 0.00	48.48 0.24 0.00	50.98 0.10 0.00	50.98 0.10 0.00	47.24 0.09 0.00	40.80 0.08 0.00	39.62 0.16 0.00	38.30 0.23 0.00	38.45 0.64 0.00
BRANSCOMB___SOLAR 323811	39.03 1.61 0.00	36.05 1.45 0.00	35.04 1.44 0.00	35.05 1.48 0.00	34.29 1.41 0.00	36.21 1.66 0.00	48.18 2.55 0.00	51.10 2.72 -0.65	50.50 2.77 0.00	47.41 2.38 0.00	48.98 2.55 0.00	46.84 2.19 0.00	44.24 1.95 0.00	44.26 1.86 0.00	43.96 1.89 0.00	45.53 2.00 0.00	50.73 2.46 -0.03	63.54 2.69 -9.96	62.10 2.75 -8.47	54.21 2.54 -4.52	48.35 2.12 -5.52	42.86 1.93 -1.46	40.01 1.87 -0.07	39.51 1.70 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	40.92 2.92 -0.58	39.74 2.70 -2.44	38.59 2.65 -2.34	36.59 2.69 -0.33	38.16 2.63 -2.66	45.95 2.87 -8.52	61.12 4.70 -10.79	70.65 5.16 -17.77	65.12 5.11 -12.29	61.19 4.73 -11.44	63.95 5.15 -12.38	62.83 4.91 -13.27	62.50 4.74 -15.47	63.92 4.75 -16.77	64.90 4.79 -18.05	67.81 4.96 -19.32	64.15 5.60 -10.32	79.07 6.21 -21.99	79.01 6.11 -22.03	67.41 5.56 -14.70	72.07 4.80 -26.56	70.41 4.54 -26.41	59.35 4.26 -17.02	51.50 3.71 -9.98



BRISTLHL_115KV_TB1 79998	36.15 -1.27 0.00	33.39 -1.21 0.00	32.46 -1.14 0.00	32.43 -1.14 0.00	31.76 -1.12 0.00	33.55 -1.00 0.00	44.35 -1.28 0.00	46.48 -1.29 0.00	46.44 -1.29 0.00	43.81 -1.22 0.00	45.13 -1.30 0.00	43.40 -1.25 0.00	41.07 -1.23 0.00	41.17 -1.23 0.00	40.84 -1.22 0.00	42.31 -1.22 0.00	46.89 -1.35 0.00	50.24 -1.27 -0.63	50.76 -1.27 -1.15	46.16 -1.27 -0.29	39.88 -1.18 -0.35	38.45 -1.11 -0.09	36.93 -1.14 0.00	36.52 -1.29 0.00
BROOKHAVEN___DRP 24191	40.77 2.77 -0.58	39.67 2.63 -2.44	38.49 2.55 -2.34	36.56 2.65 -0.33	38.06 2.53 -2.66	45.81 2.73 -8.52	60.89 4.47 -10.79	70.17 4.68 -17.77	64.74 4.73 -12.29	60.92 4.46 -11.44	64.00 5.20 -12.38	62.87 4.96 -13.27	62.50 4.74 -15.47	63.96 4.79 -16.77	64.94 4.84 -18.05	67.76 4.92 -19.32	63.53 4.97 -10.32	78.46 5.60 -21.99	78.50 5.60 -22.03	66.89 5.04 -14.70	71.91 4.64 -26.56	70.41 4.54 -26.41	59.20 4.11 -17.02	51.38 3.59 -9.98
BROOKLYN_NAVY_YARD 23515	39.10 1.69 0.00	36.12 1.52 0.00	35.11 1.51 0.00	35.08 1.51 0.00	34.39 1.51 0.00	36.32 1.76 0.00	48.82 3.19 0.00	51.97 3.73 -0.52	51.45 3.73 0.00	48.27 3.24 0.00	50.05 3.62 0.00	48.00 3.35 0.00	45.68 3.38 0.00	45.71 3.31 0.00	45.38 3.32 0.00	46.92 3.40 0.00	52.27 4.00 -0.04	63.14 4.38 -7.89	61.85 4.27 -6.70	54.68 3.96 -3.57	48.37 3.30 -4.36	43.70 3.08 -1.15	41.11 2.97 -0.07	40.61 2.80 -0.01
BROOKLYN___ARMY_DRP 323595	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.69 1.81 0.00	36.52 1.97 0.00	49.09 3.47 0.00	105.11 4.10 -53.27	109.49 4.01 -57.75	48.58 3.56 0.00	50.32 3.90 0.00	48.27 3.62 0.00	45.99 3.64 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.32 3.74 -0.06	52.77 4.39 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.46 4.29 -64.03	93.30 3.66 -48.92	91.92 3.39 -49.06	41.43 3.27 -0.08	40.70 2.87 -0.01
BROOKVLE_69_KV_TB1 55790	40.51 2.51 -0.58	39.36 2.32 -2.44	38.22 2.28 -2.34	36.16 2.25 -0.33	37.77 2.24 -2.66	45.60 2.52 -8.52	60.48 4.06 -10.79	69.98 4.49 -17.77	64.40 4.39 -12.29	60.56 4.10 -11.44	63.12 4.32 -12.38	62.02 4.11 -13.26	61.79 4.02 -15.47	63.15 3.99 -16.77	64.10 4.00 -18.05	66.94 4.09 -19.32	63.38 4.82 -10.32	78.11 5.24 -21.99	78.10 5.19 -22.03	66.56 4.71 -14.70	71.22 3.95 -26.56	69.59 3.71 -26.41	58.62 3.54 -17.01	50.78 2.99 -9.98
BROOME_2_LFGE 323671	37.31 -0.11 0.00	34.53 -0.07 0.00	33.57 -0.03 0.00	33.54 -0.03 0.00	32.88 0.00 0.00	34.73 0.17 0.00	46.03 0.41 0.00	48.14 0.24 -0.17	47.97 0.24 0.00	45.25 0.23 0.00	46.61 0.19 0.00	44.88 0.22 0.00	42.47 0.17 0.00	42.61 0.21 0.00	42.23 0.17 0.00	43.70 0.17 0.00	48.79 0.29 -0.26	53.89 0.41 -2.61	54.71 0.46 -3.38	48.90 0.38 -1.38	42.40 0.25 -1.44	39.97 0.12 -0.38	38.09 0.00 -0.02	37.92 0.11 0.00
BROOME___LFGE 323600	37.31 -0.11 0.00	34.53 -0.07 0.00	33.57 -0.03 0.00	33.54 -0.03 0.00	32.88 0.00 0.00	34.73 0.17 0.00	46.03 0.41 0.00	48.14 0.24 -0.17	47.97 0.24 0.00	45.25 0.23 0.00	46.61 0.19 0.00	44.88 0.22 0.00	42.47 0.17 0.00	42.61 0.21 0.00	42.23 0.17 0.00	43.70 0.17 0.00	48.79 0.29 -0.26	53.89 0.41 -2.61	54.71 0.46 -3.38	48.90 0.38 -1.38	42.40 0.25 -1.44	39.97 0.12 -0.38	38.09 0.00 -0.02	37.92 0.11 0.00
BROWNFLS_115KV_TB_3_5 80003	37.23 -0.19 0.00	34.46 -0.14 0.00	33.40 -0.20 0.00	33.34 -0.24 0.00	32.58 -0.30 0.00	33.97 -0.59 0.00	44.76 -0.87 0.00	46.98 -0.76 -0.01	46.96 -0.76 0.00	44.62 -0.41 0.00	45.87 -0.56 0.00	44.07 -0.58 0.00	41.75 -0.55 0.00	41.85 -0.55 0.00	41.51 -0.55 0.00	43.04 -0.48 0.00	47.66 -0.58 0.00	50.38 -0.71 -0.22	50.35 -0.71 -0.18	46.21 -1.04 -0.10	39.82 -1.02 -0.12	38.63 -0.87 -0.03	37.27 -0.80 0.00	37.24 -0.57 0.00
BROWNSV1_27_KV_LOAD 356125	39.44 2.02 0.00	36.43 1.83 0.00	35.41 1.81 0.00	35.38 1.81 0.00	34.69 1.81 0.00	36.59 2.04 0.00	49.18 3.56 0.00	52.40 4.15 -0.52	51.79 4.06 0.00	48.72 3.69 0.00	50.46 4.04 0.00	48.45 3.80 0.00	46.02 3.72 0.00	46.09 3.69 0.00	45.76 3.70 0.00	47.31 3.79 0.00	52.81 4.53 -0.04	63.65 4.88 -7.89	62.41 4.83 -6.70	55.10 4.38 -3.57	48.78 3.71 -4.36	44.05 3.43 -1.15	41.49 3.35 -0.07	40.65 2.84 -0.01
BURROWS___LYONSDAL 23803	37.79 0.37 0.00	34.94 0.35 0.00	33.90 0.30 0.00	33.87 0.30 0.00	33.17 0.30 0.00	34.97 0.41 0.00	46.54 0.91 0.00	48.85 1.10 -0.02	48.78 1.05 0.00	46.10 1.08 0.00	47.35 0.93 0.00	45.50 0.85 0.00	43.14 0.85 0.00	43.25 0.85 0.00	42.90 0.84 0.00	44.48 0.96 0.00	49.35 1.11 0.00	52.44 1.27 -0.29	52.34 1.22 -0.24	47.94 0.66 -0.13	41.24 0.37 -0.16	39.82 0.32 -0.04	38.34 0.27 0.00	37.88 0.08 0.00
CAITHNESS_CC_1 323624	40.70 2.70 -0.58	39.56 2.52 -2.44	38.39 2.45 -2.34	36.46 2.55 -0.33	38.00 2.47 -2.66	45.74 2.66 -8.52	60.80 4.38 -10.79	70.18 4.68 -17.77	64.74 4.73 -12.29	60.79 4.32 -11.44	63.86 5.06 -12.38	62.65 4.73 -13.27	62.42 4.65 -15.47	63.79 4.62 -16.77	64.78 4.67 -18.05	67.68 4.83 -19.32	63.43 4.87 -10.32	78.41 5.55 -21.99	78.40 5.50 -22.03	66.84 5.00 -14.70	71.79 4.52 -26.56	70.30 4.42 -26.41	59.05 3.96 -17.02	51.65 3.86 -9.98
CALPINE BETH_PAGE_GT4 24209	40.25 2.25 -0.58	39.08 2.04 -2.44	37.95 2.02 -2.34	35.92 2.01 -0.33	37.54 2.01 -2.66	45.33 2.25 -8.52	60.16 3.74 -10.79	69.70 4.20 -17.77	64.17 4.15 -12.29	60.29 3.83 -11.44	62.89 4.09 -12.38	61.80 3.88 -13.26	61.53 3.76 -15.47	62.94 3.77 -16.77	63.89 3.79 -18.05	66.72 3.87 -19.32	63.09 4.53 -10.32	77.80 4.94 -21.99	77.79 4.88 -22.03	66.28 4.43 -14.70	71.02 3.75 -26.56	69.39 3.51 -26.41	58.47 3.39 -17.01	50.66 2.87 -9.98
CALPINE_BETH_PAGE_GT_4 323586	40.25 2.24 -0.58	39.08 2.04 -2.44	37.95 2.02 -2.34	35.92 2.01 -0.33	37.54 2.01 -2.66	45.36 2.28 -8.52	60.16 3.74 -10.79	69.70 4.20 -17.77	64.22 4.20 -12.29	60.25 3.78 -11.44	62.89 4.09 -12.38	61.76 3.84 -13.26	61.58 3.81 -15.47	62.94 3.77 -16.77	63.89 3.79 -18.05	66.68 3.83 -19.32	63.05 4.49 -10.32	77.80 4.93 -21.99	77.79 4.88 -22.03	66.28 4.43 -14.70	71.01 3.74 -26.56	69.39 3.51 -26.41	58.44 3.35 -17.01	51.00 3.21 -9.98
CALPINE_BP_GT1 23823	40.25 2.24 -0.58	39.08 2.04 -2.44	37.95 2.02 -2.34	35.92 2.01 -0.33	37.54 2.01 -2.66	45.36 2.28 -8.52	60.16 3.74 -10.79	69.70 4.20 -17.77	64.22 4.20 -12.29	60.25 3.78 -11.44	62.89 4.09 -12.38	61.76 3.84 -13.26	61.58 3.81 -15.47	62.94 3.77 -16.77	63.89 3.79 -18.05	66.68 3.83 -19.32	63.05 4.49 -10.32	77.80 4.93 -21.99	77.79 4.88 -22.03	66.28 4.43 -14.70	71.01 3.74 -26.56	69.39 3.51 -26.41	58.44 3.35 -17.01	51.00 3.21 -9.98
CALSPAN___DRP 24200	33.75 -3.67 0.00	31.38 -3.22 0.00	30.54 -3.06 0.00	30.65 -2.92 0.00	30.05 -2.83 0.00	31.65 -2.90 0.00	41.25 -4.38 0.00	42.31 -5.49 -0.07	42.48 -5.25 0.00	40.25 -4.77 0.00	40.99 -5.43 0.00	39.83 -4.82 0.00	37.73 -4.57 0.00	38.07 -4.32 0.00	37.56 -4.50 0.00	38.72 -4.79 0.02	41.16 -5.31 1.77	45.82 -5.49 -0.44	43.00 -5.34 2.54	40.97 -5.00 1.18	36.49 -4.44 -0.21	35.17 -4.38 -0.08	34.27 -3.81 -0.01	33.88 -3.93 0.00

CALVERTON___SOLAR 323806	40.88 2.88 -0.58	39.77 2.73 -2.44	38.56 2.62 -2.34	36.66 2.75 -0.33	38.20 2.66 -2.66	45.95 2.87 -8.52	61.02 4.61 -10.79	70.32 4.82 -17.77	64.93 4.92 -12.29	61.01 4.55 -11.44	64.18 5.38 -12.38	63.00 5.09 -13.27	62.71 4.95 -15.47	64.13 4.96 -16.77	65.11 5.00 -18.05	67.98 5.13 -19.32	63.57 5.02 -10.32	78.56 5.70 -21.99	78.60 5.70 -22.03	67.03 5.19 -14.70	72.03 4.76 -26.56	70.61 4.73 -26.41	59.27 4.19 -17.02	51.84 4.05 -9.98
CANDIGU_WT_PWR 323617	35.66 -1.76 0.00	33.08 -1.52 0.00	32.22 -1.38 0.00	32.23 -1.34 0.00	31.63 -1.25 0.00	33.42 -1.14 0.00	44.03 -1.60 0.00	45.50 -2.34 -0.11	45.34 -2.39 0.00	42.95 -2.07 0.00	44.06 -2.37 0.00	42.55 -2.10 0.00	40.09 -2.20 0.00	40.37 -2.03 0.00	39.92 -2.14 0.00	41.22 -2.27 0.04	43.85 -2.41 1.97	48.63 -2.44 -0.19	45.39 -2.34 3.15	43.38 -2.31 1.45	38.64 -2.12 -0.04	37.28 -2.25 -0.06	35.84 -2.25 -0.01	35.84 -1.97 0.00
CARR STREET_E_SYR 24060	36.19 -1.23 0.00	33.46 -1.14 0.00	32.52 -1.08 0.00	32.50 -1.08 0.00	31.86 -1.02 0.00	33.62 -0.93 0.00	44.58 -1.05 0.00	46.63 -1.15 -0.05	46.63 -1.10 0.00	43.99 -1.03 0.00	45.31 -1.11 0.00	43.58 -1.07 0.00	41.24 -1.06 0.00	41.38 -1.02 0.00	41.01 -1.05 0.00	42.48 -1.04 0.00	47.08 -1.16 0.00	50.48 -1.12 -0.72	50.83 -1.12 -1.07	46.34 -1.13 -0.33	40.10 -1.02 -0.40	38.59 -0.99 -0.11	37.05 -1.03 0.00	36.75 -1.06 0.00
CARTHAGE___PAPER 23857	36.86 -0.56 0.00	34.08 -0.52 0.00	33.06 -0.54 0.00	33.03 -0.54 0.00	32.35 -0.53 0.00	34.07 -0.48 0.00	45.31 -0.32 0.00	47.61 -0.14 -0.02	47.54 -0.19 0.00	44.98 -0.04 0.00	46.15 -0.28 0.00	44.38 -0.27 0.00	42.04 -0.25 0.00	42.15 -0.25 0.00	41.81 -0.25 0.00	43.39 -0.13 0.00	48.19 -0.05 0.00	51.36 0.10 -0.37	51.30 0.10 -0.32	46.84 -0.47 -0.17	40.27 -0.65 -0.21	38.85 -0.67 -0.05	37.31 -0.76 0.00	36.94 -0.87 0.00
CASSADAGA_WT_PWR 323784	34.76 -2.66 0.00	32.28 -2.32 0.00	31.42 -2.18 0.00	31.46 -2.11 0.00	30.77 -2.10 0.00	32.41 -2.14 0.00	42.43 -3.19 0.00	43.47 -4.34 -0.08	43.34 -4.39 0.00	41.20 -3.83 0.00	41.92 -4.50 0.00	40.72 -3.93 0.00	38.36 -3.93 0.00	38.75 -3.65 0.00	38.32 -3.74 0.00	39.67 -3.83 0.02	42.31 -4.15 1.78	46.93 -4.38 -0.42	44.36 -4.17 2.35	42.04 -3.91 1.19	37.33 -3.58 -0.20	35.72 -3.83 -0.08	34.35 -3.73 -0.01	34.67 -3.14 0.00
CE_DUNWOOD___DRP 24194	38.99 1.57 0.00	36.02 1.42 0.00	35.01 1.41 0.00	34.98 1.41 0.00	34.29 1.41 0.00	36.14 1.59 0.00	48.50 2.87 0.00	51.54 3.29 -0.51	50.93 3.20 0.00	47.95 2.93 0.00	49.63 3.20 0.00	47.69 3.04 0.00	45.26 2.96 0.00	45.32 2.93 0.00	45.01 2.94 0.00	46.53 3.00 0.00	51.83 3.57 -0.03	62.65 3.92 -7.85	61.37 3.82 -6.68	54.19 3.49 -3.56	48.00 2.93 -4.35	43.34 2.72 -1.15	40.75 2.63 -0.05	39.96 2.16 0.00
CE_MILLWOOD___DRP 24193	38.95 1.53 0.00	35.98 1.38 0.00	34.98 1.38 0.00	34.95 1.38 0.00	34.23 1.35 0.00	36.11 1.55 0.00	48.41 2.78 0.00	51.44 3.29 -0.52	50.88 3.15 0.00	47.91 2.88 0.00	49.54 3.11 0.00	47.60 2.95 0.00	45.17 2.88 0.00	45.24 2.84 0.00	44.92 2.86 0.00	46.44 2.92 0.00	51.78 3.52 -0.03	62.55 3.82 -7.85	61.27 3.71 -6.68	54.10 3.39 -3.56	47.96 2.89 -4.35	43.26 2.64 -1.15	40.71 2.59 -0.05	39.93 2.12 0.00
CE_NYC2_DRP 24202	39.29 1.87 0.00	36.33 1.73 0.00	35.28 1.68 0.00	35.25 1.68 0.00	34.59 1.71 0.00	36.42 1.87 0.00	48.91 3.29 0.00	52.11 3.87 -0.52	53.64 3.82 -2.10	48.45 3.42 0.00	50.19 3.76 0.00	48.18 3.53 0.00	45.81 3.51 0.00	45.88 3.48 0.00	48.29 3.53 -2.70	47.09 3.57 0.00	52.52 4.24 -0.04	67.87 4.58 -12.41	65.67 4.48 -10.32	57.06 4.15 -5.76	48.58 3.50 -4.36	43.85 3.24 -1.15	41.22 3.08 -0.07	40.50 2.68 -0.01
CE_NYC_DRP 24195	39.14 1.72 0.00	36.15 1.56 0.00	35.18 1.58 0.00	35.15 1.58 0.00	34.46 1.58 0.00	36.32 1.76 0.00	48.82 3.19 0.00	51.92 3.68 -0.52	51.36 3.63 0.00	48.31 3.29 0.00	50.05 3.62 0.00	48.09 3.44 0.00	45.64 3.34 0.00	45.71 3.31 0.00	45.38 3.32 0.00	46.92 3.39 0.00	52.32 4.05 -0.04	63.14 4.38 -7.89	61.85 4.27 -6.70	54.58 3.87 -3.57	48.38 3.30 -4.36	43.70 3.08 -1.15	41.14 3.01 -0.07	40.31 2.50 -0.01
CHAFFEE___LFGE 323603	33.79 -3.63 0.00	31.42 -3.18 0.00	30.61 -2.99 0.00	30.72 -2.85 0.00	30.12 -2.76 0.00	31.76 -2.80 0.00	41.47 -4.15 0.00	42.46 -5.34 -0.08	42.38 -5.34 0.00	40.39 -4.64 0.00	41.32 -5.11 0.00	40.10 -4.55 0.00	37.77 -4.52 0.00	38.20 -4.20 0.00	37.69 -4.38 0.00	38.93 -4.57 0.02	41.40 -5.06 1.77	45.92 -5.39 -0.44	43.60 -5.09 2.19	41.21 -4.76 1.18	36.69 -4.24 -0.21	35.21 -4.34 -0.08	33.97 -4.11 -0.01	34.06 -3.74 0.00
CHATEAUG_35_KV_LOAD 355732	39.29 1.87 0.00	36.36 1.76 0.00	35.21 1.61 0.00	35.08 1.51 0.00	34.32 1.45 0.00	35.59 1.04 0.00	46.54 0.91 0.00	48.73 1.00 0.00	48.68 0.95 0.00	46.15 1.13 0.00	47.73 1.30 0.00	45.81 1.16 0.00	43.39 1.10 0.00	43.46 1.06 0.00	43.07 1.01 0.00	44.61 1.09 0.00	49.15 0.92 0.00	52.00 1.12 0.00	52.00 1.12 0.00	48.09 0.94 0.00	41.53 0.81 0.00	40.22 0.75 0.00	38.76 0.69 0.00	39.21 1.40 0.00
CHATEAUG_WT_PWR 323614	39.18 1.76 0.00	36.29 1.69 0.00	35.15 1.55 0.00	35.05 1.48 0.00	34.29 1.41 0.00	35.45 0.90 0.00	46.45 0.82 0.00	48.69 0.95 0.00	48.63 0.90 0.00	46.15 1.13 0.00	47.59 1.16 0.00	45.72 1.07 0.00	43.31 1.01 0.00	43.38 0.98 0.00	42.99 0.92 0.00	44.53 1.00 0.00	49.10 0.87 0.00	51.84 0.96 0.00	51.84 0.96 0.00	47.95 0.80 0.00	41.36 0.65 0.00	40.10 0.63 0.00	38.68 0.61 0.00	38.87 1.06 0.00
CHAT_HIGH_FALL_HYD 323578	39.29 1.87 0.00	36.36 1.76 0.00	35.21 1.61 0.00	35.08 1.51 0.00	34.32 1.45 0.00	35.59 1.04 0.00	46.54 0.91 0.00	48.73 1.00 0.00	48.68 0.95 0.00	46.15 1.13 0.00	47.73 1.30 0.00	45.81 1.16 0.00	43.39 1.10 0.00	43.46 1.06 0.00	43.07 1.01 0.00	44.61 1.09 0.00	49.15 0.92 0.00	52.00 1.12 0.00	52.00 1.12 0.00	48.09 0.94 0.00	41.53 0.81 0.00	40.22 0.75 0.00	38.76 0.69 0.00	39.21 1.40 0.00
CHAUTAUQUA___LFGE 323629	34.24 -3.18 0.00	31.80 -2.80 0.00	30.98 -2.62 0.00	31.05 -2.52 0.00	30.41 -2.47 0.00	32.07 -2.49 0.00	41.97 -3.65 0.00	42.94 -4.87 -0.08	42.81 -4.92 0.00	40.79 -4.23 0.00	41.64 -4.78 0.00	40.45 -4.20 0.00	38.11 -4.19 0.00	38.54 -3.86 0.00	38.02 -4.04 0.00	39.32 -4.18 0.02	41.78 -4.68 1.77	46.48 -4.83 -0.43	44.01 -4.63 2.24	41.53 -4.43 1.18	37.05 -3.87 -0.21	35.52 -4.03 -0.08	34.20 -3.88 -0.01	34.33 -3.48 0.00
CHERRYST_13_KV_LD 356241	39.25 1.83 0.00	36.26 1.66 0.00	35.25 1.65 0.00	35.22 1.65 0.00	34.52 1.64 0.00	36.42 1.87 0.00	48.96 3.33 0.00	52.11 3.87 -0.52	51.50 3.77 0.00	48.49 3.47 0.00	50.23 3.81 0.00	48.22 3.57 0.00	45.81 3.51 0.00	45.88 3.48 0.00	45.55 3.49 0.00	47.09 3.57 0.00	52.52 4.24 -0.04	63.34 4.58 -7.89	62.00 4.43 -6.70	54.77 4.05 -3.57	48.50 3.42 -4.36	43.78 3.16 -1.15	41.26 3.12 -0.07	40.42 2.61 -0.01

CHESTROR_138KV_BK263 355645	38.58 1.16 0.00	35.64 1.04 0.00	34.64 1.04 0.00	34.61 1.04 0.00	33.90 1.02 0.00	35.73 1.17 0.00	47.82 2.19 0.00	50.70 2.48 -0.48	50.12 2.39 0.00	47.23 2.21 0.00	48.75 2.32 0.00	46.88 2.23 0.00	44.45 2.16 0.00	44.52 2.12 0.00	44.21 2.15 0.00	45.70 2.18 0.00	50.91 2.65 -0.02	61.18 2.95 -7.35	59.98 2.85 -6.25	53.07 2.59 -3.33	46.98 2.20 -4.07	42.55 2.01 -1.08	40.10 1.98 -0.05	39.36 1.55 0.00
CH_MIDHUDSON___DRP 24192	38.99 1.57 0.00	36.02 1.42 0.00	35.01 1.41 0.00	34.98 1.41 0.00	34.23 1.35 0.00	36.11 1.55 0.00	48.32 2.69 0.00	51.27 3.01 -0.53	50.74 3.01 0.00	47.77 2.75 0.00	49.40 2.97 0.00	47.46 2.81 0.00	44.96 2.66 0.00	45.03 2.63 0.00	44.71 2.65 0.00	46.27 2.74 0.00	51.54 3.28 -0.03	62.59 3.61 -8.10	61.28 3.51 -6.89	54.02 3.21 -3.67	47.93 2.73 -4.49	43.14 2.49 -1.19	40.56 2.44 -0.06	39.81 2.00 0.00
CH_MISC_IPPS 23765	39.10 1.69 0.00	36.12 1.52 0.00	35.08 1.48 0.00	35.08 1.51 0.00	34.29 1.41 0.00	36.18 1.62 0.00	48.45 2.83 0.00	51.40 3.15 -0.52	50.93 3.20 0.00	47.82 2.79 0.00	49.49 3.06 0.00	47.51 2.86 0.00	45.00 2.71 0.00	45.12 2.72 0.00	44.76 2.69 0.00	46.31 2.79 0.00	51.59 3.33 -0.03	62.54 3.71 -7.95	61.25 3.61 -6.76	54.05 3.30 -3.60	47.93 2.81 -4.41	43.19 2.56 -1.16	40.60 2.47 -0.05	40.19 2.38 0.00
CH_RES_BVR_FALLS 23983	37.64 0.23 0.00	34.81 0.21 0.00	33.80 0.20 0.00	33.74 0.17 0.00	33.04 0.17 0.00	34.55 0.00 0.00	45.40 -0.23 0.00	47.45 -0.28 0.00	47.44 -0.28 0.00	44.84 -0.18 0.00	46.19 -0.23 0.00	44.47 -0.18 0.00	42.13 -0.17 0.00	42.23 -0.17 0.00	41.89 -0.17 0.00	43.35 -0.17 0.00	47.95 -0.29 0.00	50.42 -0.46 0.00	50.32 -0.56 0.00	46.63 -0.52 0.00	40.23 -0.49 0.00	39.03 -0.43 0.00	37.65 -0.42 0.00	37.43 -0.38 0.00
CH_RES_NIAGARA 23895	32.03 -5.39 0.00	29.79 -4.81 0.00	29.03 -4.57 0.00	29.18 -4.40 0.00	28.60 -4.27 0.00	30.10 -4.46 0.00	39.28 -6.34 0.00	39.92 -7.88 -0.07	39.85 -7.88 0.00	38.05 -6.98 0.00	38.90 -7.52 0.00	37.82 -6.83 0.00	35.57 -6.73 0.00	36.08 -6.32 0.00	35.54 -6.52 0.00	36.72 -6.79 0.02	38.56 -7.91 1.76	43.40 -7.94 -0.46	40.43 -7.94 2.51	38.49 -7.50 1.16	34.71 -6.23 -0.23	33.59 -5.96 -0.08	32.60 -5.48 -0.01	32.33 -5.48 0.00
CH_RES_SYRACUSE 23985	36.67 -0.75 0.00	33.91 -0.69 0.00	32.93 -0.67 0.00	32.93 -0.64 0.00	32.25 -0.63 0.00	34.07 -0.48 0.00	45.12 -0.50 0.00	47.26 -0.52 -0.05	47.16 -0.57 0.00	44.49 -0.54 0.00	45.87 -0.56 0.00	44.07 -0.58 0.00	41.70 -0.59 0.00	41.85 -0.55 0.00	41.51 -0.55 0.00	42.96 -0.57 0.00	47.95 -0.63 -0.34	51.17 -0.51 -0.80	52.56 -0.46 -2.14	47.21 -0.56 -0.63	40.63 -0.53 -0.45	39.07 -0.51 -0.12	37.51 -0.57 -0.01	37.20 -0.61 0.00
CLINTON_WT_PWR 323605	39.18 1.76 0.00	36.29 1.69 0.00	35.15 1.55 0.00	35.05 1.48 0.00	34.29 1.41 0.00	35.45 0.90 0.00	46.45 0.82 0.00	48.69 0.95 0.00	48.63 0.90 0.00	46.15 1.13 0.00	47.59 1.16 0.00	45.72 1.07 0.00	43.31 1.01 0.00	43.38 0.98 0.00	42.99 0.92 0.00	44.53 1.00 0.00	49.10 0.87 0.00	51.84 0.96 0.00	51.84 0.96 0.00	47.95 0.80 0.00	41.36 0.65 0.00	40.10 0.63 0.00	38.68 0.61 0.00	38.87 1.06 0.00
CLINTON___LFGE 323618	39.82 2.40 0.00	36.88 2.28 0.00	35.72 2.12 0.00	35.55 1.98 0.00	34.78 1.91 0.00	35.94 1.38 0.00	47.08 1.46 0.00	49.40 1.67 0.00	49.30 1.57 0.00	46.83 1.80 0.00	48.33 1.90 0.00	46.44 1.79 0.00	43.99 1.69 0.00	44.01 1.61 0.00	43.57 1.51 0.00	45.18 1.65 0.00	49.78 1.54 0.00	52.71 1.83 0.00	52.71 1.83 0.00	48.70 1.55 0.00	41.94 1.22 0.00	40.65 1.18 0.00	39.18 1.10 0.00	39.43 1.62 0.00
COBBLENY_34_KV_TB1 80064	33.79 -3.63 0.00	31.41 -3.18 0.00	30.61 -2.99 0.00	30.72 -2.85 0.00	30.12 -2.76 0.00	31.72 -2.83 0.00	41.34 -4.29 0.00	42.46 -5.35 -0.08	42.62 -5.11 0.00	40.39 -4.64 0.00	41.09 -5.34 0.00	39.96 -4.69 0.00	37.81 -4.48 0.00	38.20 -4.20 0.00	37.69 -4.37 0.00	38.84 -4.66 0.02	41.35 -5.11 1.77	45.92 -5.39 -0.44	43.50 -5.19 2.19	41.16 -4.81 1.18	36.61 -4.32 -0.21	35.25 -4.30 -0.08	34.39 -3.69 -0.01	33.95 -3.86 0.00
COFFEEN___115KV_TB3 355620	36.82 -0.60 0.00	34.01 -0.59 0.00	33.00 -0.60 0.00	32.97 -0.60 0.00	32.32 -0.56 0.00	34.14 -0.41 0.00	45.53 -0.09 0.00	47.90 0.14 -0.03	47.82 0.10 0.00	45.20 0.18 0.00	46.33 -0.09 0.00	44.56 -0.09 0.00	42.21 -0.08 0.00	42.31 -0.08 0.00	42.02 -0.04 0.00	43.65 0.13 0.00	48.43 0.19 0.00	51.81 0.51 -0.42	51.75 0.51 -0.36	47.34 0.00 -0.19	40.71 -0.24 -0.23	39.17 -0.36 -0.06	37.58 -0.49 0.00	37.09 -0.72 0.00
COLDSPRG_115KV_BK1 355956	35.25 -2.17 0.00	32.76 -1.83 0.00	31.89 -1.71 0.00	31.93 -1.65 0.00	31.30 -1.58 0.00	33.00 -1.55 0.00	42.98 -2.65 0.00	44.23 -3.58 -0.08	44.39 -3.34 0.00	42.01 -3.02 0.00	42.62 -3.81 0.00	41.44 -3.21 0.00	39.21 -3.09 0.00	39.56 -2.84 0.00	39.03 -3.03 0.00	40.24 -3.26 0.02	43.22 -3.23 1.79	47.62 -3.66 -0.41	45.00 -3.36 2.52	42.97 -2.97 1.20	38.01 -2.89 -0.19	36.35 -3.20 -0.08	35.57 -2.51 -0.01	35.12 -2.68 0.00
COLONIE_LFGE___ 323577	38.92 1.50 0.00	35.95 1.35 0.00	34.91 1.31 0.00	34.92 1.34 0.00	34.16 1.28 0.00	36.04 1.48 0.00	47.95 2.33 0.00	50.81 2.43 -0.65	50.21 2.48 0.00	47.23 2.21 0.00	48.79 2.37 0.00	46.84 2.19 0.00	44.33 2.03 0.00	44.39 1.99 0.00	44.08 2.02 0.00	45.61 2.09 0.00	50.73 2.46 -0.03	63.37 2.64 -9.85	61.95 2.69 -8.37	54.06 2.45 -4.46	48.29 2.12 -5.46	42.92 2.01 -1.44	40.08 1.94 -0.07	39.66 1.85 0.00
COOPERNY_115KV_TB1 80082	38.24 0.82 0.00	35.32 0.73 0.00	34.34 0.74 0.00	34.31 0.74 0.00	33.60 0.72 0.00	35.42 0.86 0.00	47.31 1.69 0.00	49.99 1.86 -0.39	49.54 1.81 0.00	46.69 1.67 0.00	48.19 1.76 0.00	46.35 1.70 0.00	43.94 1.65 0.00	44.05 1.65 0.00	43.70 1.64 0.00	45.22 1.70 0.00	50.28 2.03 -0.02	59.16 2.29 -5.99	58.21 2.24 -5.09	51.89 2.03 -2.71	45.74 1.71 -3.32	41.92 1.58 -0.88	39.60 1.48 -0.04	38.98 1.17 0.00
COPENHAGEN_WT_PWR 323753	36.60 -0.82 0.00	33.84 -0.76 0.00	32.83 -0.77 0.00	32.80 -0.77 0.00	32.15 -0.72 0.00	33.93 -0.62 0.00	45.17 -0.46 0.00	47.48 -0.28 -0.03	47.40 -0.33 0.00	44.80 -0.22 0.00	46.01 -0.42 0.00	44.25 -0.40 0.00	41.91 -0.38 0.00	42.02 -0.38 0.00	41.68 -0.38 0.00	43.26 -0.26 0.00	48.00 -0.24 0.00	51.32 0.00 -0.44	51.63 0.00 -0.75	46.87 -0.47 -0.20	40.35 -0.61 -0.24	38.86 -0.67 -0.06	37.35 -0.72 0.00	36.94 -0.87 0.00
CORNELL_____ 23752	37.72 0.30 0.00	34.87 0.28 0.00	33.87 0.27 0.00	33.87 0.30 0.00	33.21 0.33 0.00	35.11 0.55 0.00	46.67 1.05 0.00	48.90 1.05 -0.12	48.78 1.05 0.00	45.92 0.90 0.00	47.21 0.79 0.00	45.41 0.76 0.00	42.97 0.68 0.00	43.12 0.72 0.00	42.78 0.72 0.00	44.39 0.78 -0.09	54.79 1.01 -5.54	57.28 1.27 -5.13	68.85 1.32 -16.65	54.85 1.08 -6.62	44.46 0.77 -2.98	40.85 0.71 -0.68	38.65 0.57 -0.01	38.15 0.34 0.00

CORONA V_69_KV_TB1 355595	40.28 2.28 -0.58	39.12 2.08 -2.44	38.02 2.08 -2.34	35.95 2.05 -0.33	37.57 2.04 -2.66	45.36 2.28 -8.52	60.07 3.65 -10.79	69.60 4.10 -17.77	64.02 4.01 -12.29	60.16 3.69 -11.44	62.75 3.95 -12.38	61.66 3.75 -13.26	61.45 3.68 -15.47	62.81 3.65 -16.77	63.77 3.66 -18.05	66.59 3.74 -19.32	63.00 4.44 -10.32	77.60 4.73 -21.99	77.54 4.63 -22.03	66.14 4.29 -14.70	70.89 3.62 -26.56	69.23 3.35 -26.41	58.39 3.31 -17.01	50.66 2.87 -9.98
CORTLAND_115KV_TB3 80093	37.42 0.00 0.00	34.60 0.00 0.00	33.63 0.03 0.00	33.61 0.03 0.00	32.94 0.07 0.00	34.80 0.24 0.00	46.22 0.59 0.00	48.45 0.62 -0.09	48.35 0.62 0.00	45.56 0.54 0.00	46.84 0.42 0.00	45.05 0.40 0.00	42.68 0.38 0.00	42.82 0.42 0.00	42.44 0.38 0.00	43.98 0.44 -0.02	50.42 0.58 -1.61	53.99 0.76 -2.35	57.55 0.76 -5.91	50.07 0.61 -2.31	42.46 0.41 -1.34	40.14 0.36 -0.32	38.35 0.27 -0.01	37.88 0.08 0.00
COXSACKIE__GT 23611	40.34 2.92 0.00	37.19 2.60 0.00	36.12 2.52 0.00	36.09 2.52 0.00	35.18 2.30 0.00	37.11 2.56 0.00	49.23 3.60 0.00	51.96 3.63 -0.60	51.40 3.68 0.00	48.13 3.10 0.00	49.16 2.74 0.00	47.19 2.54 0.00	44.33 2.03 0.00	44.48 2.08 0.00	44.21 2.14 0.00	45.87 2.35 0.00	51.16 2.89 -0.03	63.09 3.00 -9.21	61.81 3.10 -7.83	54.19 2.88 -4.17	48.46 2.64 -5.10	43.26 2.45 -1.35	40.61 2.47 -0.06	40.53 2.72 0.00
CPV_VALLEY__CC1 323721	38.32 0.90 0.00	35.39 0.80 0.00	34.40 0.81 0.00	34.38 0.80 0.00	33.67 0.79 0.00	35.52 0.97 0.00	47.50 1.87 0.00	50.28 2.10 -0.45	49.83 2.10 0.00	46.83 1.80 0.00	48.42 1.99 0.00	46.53 1.88 0.00	44.15 1.86 0.00	44.22 1.82 0.00	43.91 1.85 0.00	45.39 1.87 0.00	50.48 2.22 -0.02	60.24 2.49 -6.87	59.16 2.44 -5.84	52.48 2.22 -3.11	46.43 1.91 -3.81	42.21 1.73 -1.01	39.79 1.67 -0.05	39.40 1.59 0.00
CPV_VALLEY__CC2 323722	38.32 0.90 0.00	35.39 0.80 0.00	34.40 0.81 0.00	34.38 0.80 0.00	33.67 0.79 0.00	35.52 0.97 0.00	47.50 1.87 0.00	50.28 2.10 -0.45	49.83 2.10 0.00	46.83 1.80 0.00	48.42 1.99 0.00	46.53 1.88 0.00	44.15 1.86 0.00	44.22 1.82 0.00	43.91 1.85 0.00	45.39 1.87 0.00	50.48 2.22 -0.02	60.24 2.49 -6.87	59.16 2.44 -5.84	52.48 2.22 -3.11	46.43 1.91 -3.81	42.21 1.73 -1.01	39.79 1.67 -0.05	39.40 1.59 0.00
CRESCENT__HYD 24018	38.92 1.50 0.00	35.95 1.35 0.00	34.91 1.31 0.00	34.92 1.34 0.00	34.16 1.28 0.00	36.04 1.48 0.00	47.95 2.33 0.00	50.81 2.43 -0.65	50.21 2.48 0.00	47.23 2.21 0.00	48.79 2.37 0.00	46.84 2.19 0.00	44.33 2.03 0.00	44.39 1.99 0.00	44.08 2.02 0.00	45.61 2.09 0.00	50.73 2.46 -0.03	63.37 2.64 -9.85	61.95 2.69 -8.37	54.06 2.45 -4.46	48.29 2.12 -5.46	42.92 2.01 -1.44	40.08 1.94 -0.07	39.66 1.85 0.00
CRICKET__VALLEY_CC1 323756	38.88 1.46 0.00	35.95 1.35 0.00	34.95 1.35 0.00	34.92 1.34 0.00	34.19 1.32 0.00	36.07 1.52 0.00	48.13 2.51 0.00	51.10 2.82 -0.55	50.54 2.82 0.00	47.59 2.57 0.00	49.30 2.88 0.00	47.38 2.72 0.00	44.96 2.67 0.00	45.03 2.63 0.00	44.71 2.65 0.00	46.22 2.70 0.00	51.40 3.13 -0.03	62.71 3.46 -8.37	61.41 3.41 -7.12	54.05 3.11 -3.79	48.00 2.64 -4.64	43.18 2.49 -1.23	40.53 2.40 -0.06	40.11 2.31 0.00
CRICKET__VALLEY_CC2 323757	38.88 1.46 0.00	35.95 1.35 0.00	34.95 1.35 0.00	34.92 1.34 0.00	34.19 1.32 0.00	36.07 1.52 0.00	48.13 2.51 0.00	51.10 2.82 -0.55	50.54 2.82 0.00	47.59 2.57 0.00	49.30 2.88 0.00	47.38 2.72 0.00	44.96 2.67 0.00	45.03 2.63 0.00	44.71 2.65 0.00	46.22 2.70 0.00	51.40 3.13 -0.03	62.71 3.46 -8.37	61.41 3.41 -7.12	54.05 3.11 -3.79	48.00 2.64 -4.64	43.18 2.49 -1.23	40.53 2.40 -0.06	40.11 2.31 0.00
CRICKET__VALLEY_CC3 323758	38.88 1.46 0.00	35.95 1.35 0.00	34.95 1.35 0.00	34.92 1.34 0.00	34.19 1.32 0.00	36.07 1.52 0.00	48.13 2.51 0.00	51.10 2.82 -0.55	50.54 2.82 0.00	47.59 2.57 0.00	49.30 2.88 0.00	47.38 2.72 0.00	44.96 2.67 0.00	45.03 2.63 0.00	44.71 2.65 0.00	46.22 2.70 0.00	51.40 3.13 -0.03	62.71 3.46 -8.37	61.41 3.41 -7.12	54.05 3.11 -3.79	48.00 2.64 -4.64	43.18 2.49 -1.23	40.53 2.40 -0.06	40.11 2.31 0.00
CRUCIBLE_METL_DRP 24180	36.67 -0.75 0.00	33.91 -0.69 0.00	32.93 -0.67 0.00	32.93 -0.64 0.00	32.25 -0.62 0.00	34.07 -0.48 0.00	45.12 -0.50 0.00	47.21 -0.57 -0.05	47.20 -0.53 0.00	44.48 -0.54 0.00	45.82 -0.60 0.00	44.07 -0.58 0.00	41.70 -0.59 0.00	41.85 -0.55 0.00	41.51 -0.55 0.00	42.96 -0.57 0.00	47.95 -0.63 -0.34	51.17 -0.51 -0.80	52.51 -0.51 -2.14	47.21 -0.57 -0.63	40.63 -0.53 -0.45	39.07 -0.51 -0.12	37.51 -0.57 -0.01	37.09 -0.72 0.00
DAHOWA__HYDRO 323763	39.06 1.64 0.00	36.05 1.45 0.00	35.08 1.48 0.00	35.05 1.48 0.00	34.32 1.44 0.00	36.25 1.69 0.00	48.27 2.65 0.00	51.20 2.82 -0.66	50.59 2.86 0.00	47.50 2.47 0.00	49.02 2.60 0.00	46.88 2.23 0.00	44.24 1.95 0.00	44.22 1.82 0.00	43.96 1.89 0.00	45.48 1.96 0.00	50.73 2.46 -0.03	63.56 2.69 -9.98	62.11 2.75 -8.49	54.17 2.50 -4.52	48.36 2.12 -5.53	42.82 1.89 -1.46	39.97 1.83 -0.07	39.43 1.62 0.00
DANC__LFGE 323619	36.37 -1.05 0.00	33.59 -1.00 0.00	32.62 -0.98 0.00	32.60 -0.97 0.00	31.92 -0.95 0.00	33.69 -0.86 0.00	44.71 -0.91 0.00	46.91 -0.86 -0.03	46.87 -0.86 0.00	44.26 -0.77 0.00	45.54 -0.88 0.00	43.85 -0.80 0.00	41.49 -0.80 0.00	41.59 -0.81 0.00	41.22 -0.84 0.00	42.74 -0.78 0.00	47.42 -0.82 0.00	50.73 -0.66 -0.51	51.10 -0.66 -0.88	46.43 -0.94 -0.23	40.06 -0.93 -0.28	38.59 -0.95 -0.07	37.12 -0.95 0.00	36.75 -1.06 0.00
DANSKAMMER__1 23586	39.10 1.69 0.00	36.12 1.52 0.00	35.08 1.48 0.00	35.08 1.51 0.00	34.29 1.41 0.00	36.18 1.62 0.00	48.45 2.83 0.00	51.40 3.15 -0.52	50.93 3.20 0.00	47.82 2.79 0.00	49.49 3.06 0.00	47.51 2.86 0.00	45.00 2.71 0.00	45.12 2.72 0.00	44.76 2.69 0.00	46.31 2.79 0.00	51.59 3.33 -0.03	62.54 3.71 -7.95	61.25 3.61 -6.76	54.05 3.30 -3.60	47.93 2.81 -4.41	43.19 2.56 -1.16	40.60 2.47 -0.05	40.19 2.38 0.00
DANSKAMMER__2 23589	39.10 1.69 0.00	36.12 1.52 0.00	35.08 1.48 0.00	35.08 1.51 0.00	34.29 1.41 0.00	36.18 1.62 0.00	48.45 2.83 0.00	51.40 3.15 -0.52	50.93 3.20 0.00	47.82 2.79 0.00	49.49 3.06 0.00	47.51 2.86 0.00	45.00 2.71 0.00	45.12 2.72 0.00	44.76 2.69 0.00	46.31 2.79 0.00	51.59 3.33 -0.03	62.54 3.71 -7.95	61.25 3.61 -6.76	54.05 3.30 -3.60	47.93 2.81 -4.41	43.19 2.56 -1.16	40.60 2.47 -0.05	40.19 2.38 0.00
DANSKAMMER__3 23590	39.10 1.69 0.00	36.12 1.52 0.00	35.08 1.48 0.00	35.08 1.51 0.00	34.29 1.41 0.00	36.18 1.62 0.00	48.45 2.83 0.00	51.40 3.15 -0.52	50.93 3.20 0.00	47.82 2.79 0.00	49.49 3.06 0.00	47.51 2.86 0.00	45.00 2.71 0.00	45.12 2.72 0.00	44.76 2.69 0.00	46.31 2.79 0.00	51.59 3.33 -0.03	62.54 3.71 -7.95	61.25 3.61 -6.76	54.05 3.30 -3.60	47.93 2.81 -4.41	43.19 2.56 -1.16	40.60 2.47 -0.05	40.19 2.38 0.00

DANSKAMMER___4 23591	39.10 1.69 0.00	36.12 1.52 0.00	35.08 1.48 0.00	35.08 1.51 0.00	34.29 1.41 0.00	36.18 1.62 0.00	48.45 2.83 0.00	51.40 3.15 -0.52	50.93 3.20 0.00	47.82 2.79 0.00	49.49 3.06 0.00	47.51 2.86 0.00	45.00 2.71 0.00	45.12 2.72 0.00	44.76 2.69 0.00	46.31 2.79 0.00	51.59 3.33 -0.03	62.54 3.71 -7.95	61.25 3.61 -6.76	54.05 3.30 -3.60	47.93 2.81 -4.41	43.19 2.56 -1.16	40.60 2.47 -0.05	40.19 2.38 0.00
DANSKAMMER___DIESEL 23592	39.10 1.68 0.00	36.12 1.52 0.00	35.11 1.51 0.00	35.08 1.51 0.00	34.29 1.41 0.00	36.18 1.62 0.00	48.45 2.83 0.00	51.40 3.15 -0.52	50.88 3.15 0.00	47.86 2.84 0.00	49.49 3.06 0.00	47.55 2.90 0.00	45.00 2.71 0.00	45.11 2.71 0.00	44.75 2.69 0.00	46.35 2.83 0.00	51.69 3.42 -0.03	62.60 3.77 -7.95	61.30 3.66 -6.76	54.05 3.30 -3.60	47.93 2.81 -4.41	43.20 2.57 -1.16	40.64 2.51 -0.05	39.89 2.08 0.00
DARBY___SOLAR 323810	39.03 1.61 0.00	36.05 1.45 0.00	35.04 1.44 0.00	35.01 1.44 0.00	34.29 1.41 0.00	36.21 1.66 0.00	48.18 2.55 0.00	51.10 2.72 -0.65	50.54 2.82 0.00	47.45 2.43 0.00	49.02 2.60 0.00	46.88 2.23 0.00	44.28 1.99 0.00	44.31 1.91 0.00	44.00 1.94 0.00	45.53 2.00 0.00	50.73 2.46 -0.03	63.49 2.64 -9.96	62.10 2.75 -8.47	54.16 2.50 -4.52	48.35 2.12 -5.52	42.86 1.93 -1.46	40.01 1.87 -0.07	39.47 1.66 0.00
DASHVILLE___HYD 23610	38.65 1.23 0.00	35.70 1.11 0.00	34.71 1.11 0.00	34.68 1.11 0.00	33.93 1.05 0.00	35.73 1.17 0.00	47.86 2.24 0.00	50.75 2.48 -0.54	50.12 2.39 0.00	47.14 2.12 0.00	48.84 2.41 0.00	46.93 2.28 0.00	44.49 2.20 0.00	44.56 2.16 0.00	44.25 2.19 0.00	45.79 2.26 0.00	51.01 2.75 -0.03	61.75 2.70 -8.17	60.37 2.54 -6.95	53.11 2.26 -3.70	47.16 1.91 -4.53	42.32 1.66 -1.20	40.18 2.06 -0.06	39.47 1.66 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	41.67 3.67 -0.58	40.53 3.49 -2.44	39.33 3.39 -2.34	37.40 3.49 -0.33	38.92 3.39 -2.66	46.71 3.63 -8.52	62.21 5.79 -10.79	71.51 6.01 -17.77	66.03 6.01 -12.29	62.18 5.72 -11.44	65.30 6.50 -12.38	64.12 6.21 -13.27	63.73 5.96 -15.47	65.19 6.02 -16.77	66.16 6.06 -18.05	68.98 6.14 -19.32	64.78 6.22 -10.32	79.89 7.02 -21.99	80.03 7.12 -22.03	68.26 6.41 -14.70	73.09 5.82 -26.56	71.64 5.76 -26.41	60.19 5.10 -17.02	52.37 4.57 -9.98
DELAWARE___LFGE 323621	38.39 0.97 0.00	35.50 0.90 0.00	34.51 0.91 0.00	34.48 0.91 0.00	33.77 0.89 0.00	35.63 1.07 0.00	47.54 1.92 0.00	49.96 2.00 -0.23	49.73 2.00 0.00	46.92 1.89 0.00	48.33 1.90 0.00	46.48 1.83 0.00	44.03 1.73 0.00	44.14 1.74 0.00	43.79 1.72 0.00	45.31 1.78 0.00	50.54 2.07 -0.23	56.83 2.34 -3.62	57.38 2.34 -4.16	51.07 2.12 -1.81	44.52 1.79 -2.01	41.61 1.62 -0.53	39.66 1.56 -0.02	39.02 1.21 0.00
DERFIELD_115KV_TB7 355931	37.61 0.19 0.00	34.77 0.17 0.00	33.77 0.17 0.00	33.74 0.17 0.00	33.08 0.20 0.00	34.80 0.24 0.00	46.17 0.55 0.00	48.30 0.57 0.00	48.25 0.53 0.00	45.52 0.50 0.00	46.89 0.46 0.00	45.10 0.45 0.00	42.72 0.42 0.00	42.82 0.42 0.00	42.48 0.42 0.00	43.96 0.44 0.00	48.77 0.53 0.00	51.44 0.56 0.00	51.44 0.56 0.00	47.62 0.47 0.00	41.12 0.41 0.00	39.86 0.39 0.00	38.49 0.42 0.00	38.07 0.26 0.00
DOGLEVILLE___HYD 23807	37.61 0.19 0.00	34.77 0.17 0.00	33.77 0.17 0.00	33.77 0.20 0.00	33.08 0.20 0.00	34.83 0.28 0.00	46.22 0.59 0.00	48.35 0.62 0.00	48.30 0.57 0.00	45.52 0.50 0.00	46.94 0.51 0.00	45.10 0.45 0.00	42.76 0.47 0.00	42.82 0.42 0.00	42.48 0.42 0.00	43.91 0.39 0.00	48.58 0.34 0.00	51.08 0.20 0.00	50.98 0.10 0.00	47.19 0.05 0.00	40.80 0.08 0.00	39.58 0.12 0.00	38.26 0.19 0.00	37.96 0.15 0.00
DUNKIRK___115KV_TB_200 55889	34.16 -3.26 0.00	31.73 -2.87 0.00	30.88 -2.72 0.00	30.99 -2.59 0.00	30.35 -2.53 0.00	31.96 -2.59 0.00	41.75 -3.88 0.00	42.84 -4.96 -0.08	43.00 -4.73 0.00	40.70 -4.32 0.00	41.36 -5.06 0.00	40.28 -4.38 0.00	38.11 -4.19 0.00	38.46 -3.94 0.00	37.98 -4.08 0.00	39.15 -4.35 0.02	41.64 -4.82 1.77	46.38 -4.94 -0.44	43.87 -4.78 2.23	41.44 -4.53 1.18	36.89 -4.03 -0.21	35.52 -4.03 -0.08	34.58 -3.50 -0.01	34.18 -3.63 0.00
DUNKIRK___1 23563	34.16 -3.26 0.00	31.73 -2.87 0.00	30.88 -2.72 0.00	30.99 -2.59 0.00	30.35 -2.53 0.00	31.96 -2.59 0.00	41.75 -3.88 0.00	42.84 -4.96 -0.08	43.00 -4.73 0.00	40.70 -4.32 0.00	41.36 -5.06 0.00	40.28 -4.38 0.00	38.11 -4.19 0.00	38.46 -3.94 0.00	37.98 -4.08 0.00	39.15 -4.35 0.02	41.64 -4.82 1.77	46.38 -4.94 -0.44	43.87 -4.78 2.23	41.44 -4.53 1.18	36.89 -4.03 -0.21	35.52 -4.03 -0.08	34.58 -3.50 -0.01	34.18 -3.63 0.00
DUNKIRK___2 23564	34.16 -3.26 0.00	31.73 -2.87 0.00	30.88 -2.72 0.00	30.99 -2.59 0.00	30.35 -2.53 0.00	31.96 -2.59 0.00	41.75 -3.88 0.00	42.84 -4.96 -0.08	43.00 -4.73 0.00	40.70 -4.32 0.00	41.36 -5.06 0.00	40.28 -4.38 0.00	38.11 -4.19 0.00	38.46 -3.94 0.00	37.98 -4.08 0.00	39.15 -4.35 0.02	41.64 -4.82 1.77	46.38 -4.94 -0.44	43.87 -4.78 2.23	41.44 -4.53 1.18	36.89 -4.03 -0.21	35.52 -4.03 -0.08	34.58 -3.50 -0.01	34.18 -3.63 0.00
DUNKIRK___3 23565	34.05 -3.37 0.00	31.66 -2.94 0.00	30.84 -2.76 0.00	30.95 -2.62 0.00	30.31 -2.56 0.00	31.93 -2.63 0.00	41.66 -3.97 0.00	42.75 -5.06 -0.08	42.91 -4.82 0.00	40.61 -4.41 0.00	41.32 -5.11 0.00	40.19 -4.47 0.00	38.02 -4.27 0.00	38.37 -4.03 0.00	37.90 -4.16 0.00	39.02 -4.48 0.02	41.60 -4.87 1.77	46.29 -5.04 -0.45	43.82 -4.88 2.18	41.40 -4.57 1.17	36.86 -4.07 -0.21	35.45 -4.10 -0.08	34.54 -3.54 -0.01	34.14 -3.67 0.00
DUNKIRK___4 23566	34.05 -3.37 0.00	31.62 -2.98 0.00	30.78 -2.82 0.00	30.89 -2.69 0.00	30.28 -2.60 0.00	31.89 -2.66 0.00	41.61 -4.02 0.00	42.70 -5.11 -0.07	42.86 -4.87 0.00	40.57 -4.46 0.00	41.27 -5.15 0.00	40.14 -4.51 0.00	37.98 -4.31 0.00	38.37 -4.03 0.00	37.86 -4.21 0.00	39.02 -4.48 0.02	41.54 -4.92 1.77	46.22 -5.09 -0.43	43.40 -4.94 2.55	41.35 -4.62 1.18	36.77 -4.15 -0.21	35.40 -4.14 -0.08	34.50 -3.58 -0.01	34.10 -3.71 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	38.99 1.57 0.00	36.05 1.45 0.00	35.04 1.44 0.00	35.02 1.44 0.00	34.29 1.41 0.00	36.18 1.62 0.00	48.55 2.92 0.00	51.64 3.39 -0.52	51.07 3.34 0.00	48.09 3.06 0.00	49.72 3.30 0.00	47.78 3.13 0.00	45.38 3.09 0.00	45.45 3.05 0.00	45.13 3.07 0.00	46.66 3.13 0.00	52.02 3.76 -0.03	62.83 4.07 -7.88	61.55 3.97 -6.70	54.35 3.63 -3.57	48.13 3.05 -4.36	43.42 2.80 -1.15	40.87 2.74 -0.05	40.04 2.23 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	38.80 1.38 0.00	35.84 1.25 0.00	34.84 1.24 0.00	34.81 1.24 0.00	34.06 1.18 0.00	35.90 1.35 0.00	48.09 2.46 0.00	51.01 2.77 -0.51	50.54 2.82 0.00	47.55 2.52 0.00	49.16 2.74 0.00	47.24 2.59 0.00	44.75 2.45 0.00	44.82 2.42 0.00	44.50 2.44 0.00	46.05 2.52 0.00	51.30 3.04 -0.03	61.94 3.36 -7.70	60.68 3.26 -6.55	53.61 2.97 -3.49	47.51 2.52 -4.27	42.88 2.29 -1.13	40.41 2.28 -0.05	39.66 1.85 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	39.33 1.91 0.00	36.36 1.76 0.00	35.31 1.71 0.00	35.25 1.68 0.00	34.62 1.74 0.00	36.35 1.80 0.00	48.68 3.06 0.00	51.92 3.68 -0.52	51.35 3.63 0.01	48.27 3.24 0.00	49.95 3.53 0.00	48.00 3.35 0.00	45.64 3.34 0.00	45.71 3.31 0.00	45.38 3.32 0.01	46.92 3.39 0.00	52.33 4.05 -0.04	63.14 4.38 -7.88	61.84 4.27 -6.69	54.67 3.96 -3.56	48.38 3.30 -4.36	43.70 3.08 -1.15	41.07 2.93 -0.07	40.46 2.65 -0.01
E179THST_13_KV_LOAD 356214	39.48 2.06 0.00	36.47 1.87 0.00	35.41 1.81 0.00	35.38 1.81 0.00	34.72 1.84 0.00	36.49 1.94 0.00	48.86 3.24 0.00	52.11 3.87 -0.52	51.54 3.82 0.01	48.45 3.42 0.00	50.19 3.76 0.00	48.18 3.53 0.00	45.81 3.51 0.00	45.88 3.48 0.00	45.59 3.53 0.01	47.14 3.61 0.00	52.57 4.29 -0.04	63.39 4.63 -7.88	62.10 4.53 -6.69	54.90 4.20 -3.56	48.58 3.50 -4.36	43.85 3.24 -1.15	41.22 3.08 -0.07	40.61 2.80 -0.01
EAST HAMPTON___GT 23717	42.01 4.01 -0.58	40.85 3.81 -2.44	39.60 3.66 -2.34	37.70 3.79 -0.33	39.21 3.68 -2.66	47.05 3.97 -8.52	62.72 6.30 -10.79	72.09 6.59 -17.77	66.60 6.59 -12.29	62.63 6.17 -11.44	65.81 7.01 -12.38	64.52 6.61 -13.27	64.19 6.43 -15.47	65.57 6.40 -16.77	66.54 6.44 -18.05	69.51 6.66 -19.32	65.26 6.70 -10.32	80.45 7.58 -21.99	80.59 7.68 -22.03	68.87 7.03 -14.70	73.54 6.27 -26.56	72.07 6.20 -26.41	60.53 5.44 -17.02	53.09 5.29 -9.98
EAST RIVER___6 23660	39.22 1.80 0.00	36.22 1.63 0.00	35.21 1.61 0.00	35.18 1.61 0.00	34.52 1.64 0.00	36.42 1.86 0.00	48.95 3.33 0.00	52.16 3.91 -0.52	51.69 3.96 0.00	48.44 3.42 0.00	50.28 3.85 0.00	48.22 3.57 0.00	45.89 3.59 0.00	45.92 3.52 0.00	45.60 3.53 0.00	47.09 3.57 0.00	52.52 4.25 -0.04	63.39 4.63 -7.89	62.10 4.53 -6.70	54.86 4.15 -3.57	48.50 3.42 -4.36	43.81 3.20 -1.15	41.22 3.08 -0.07	40.76 2.95 -0.01
EAST RIVER___7 23524	39.22 1.80 0.00	36.22 1.63 0.00	35.21 1.61 0.00	35.18 1.61 0.00	34.52 1.64 0.00	36.42 1.86 0.00	48.95 3.33 0.00	52.16 3.91 -0.52	51.69 3.96 0.00	48.44 3.42 0.00	50.28 3.85 0.00	48.22 3.57 0.00	45.89 3.59 0.00	45.92 3.52 0.00	45.60 3.53 0.00	47.09 3.57 0.00	52.52 4.25 -0.04	63.39 4.63 -7.89	62.10 4.53 -6.70	54.86 4.15 -3.57	48.50 3.42 -4.36	43.81 3.20 -1.15	41.22 3.08 -0.07	40.76 2.95 -0.01
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	38.99 1.57 0.00	36.02 1.42 0.00	35.01 1.41 0.00	34.98 1.41 0.00	34.29 1.41 0.00	36.14 1.59 0.00	48.50 2.87 0.00	51.54 3.29 -0.51	50.93 3.20 0.00	47.95 2.93 0.00	49.63 3.20 0.00	47.69 3.04 0.00	45.26 2.96 0.00	45.32 2.93 0.00	45.01 2.94 0.00	46.53 3.00 0.00	51.83 3.57 -0.03	62.65 3.92 -7.85	61.37 3.82 -6.68	54.19 3.49 -3.56	48.00 2.93 -4.35	43.34 2.72 -1.15	40.75 2.63 -0.05	39.96 2.16 0.00
EAST_HAMPTON___DIESEL 23722	42.04 4.04 -0.58	40.85 3.81 -2.44	39.60 3.66 -2.34	37.70 3.79 -0.33	39.21 3.68 -2.66	47.05 3.97 -8.52	62.72 6.30 -10.79	72.13 6.63 -17.77	66.60 6.59 -12.29	62.63 6.17 -11.44	65.81 7.01 -12.38	64.57 6.65 -13.27	64.19 6.43 -15.47	65.61 6.44 -16.77	66.58 6.47 -18.05	69.51 6.66 -19.32	65.26 6.70 -10.32	80.45 7.58 -21.99	80.64 7.73 -22.03	68.87 7.03 -14.70	73.58 6.31 -26.56	72.07 6.20 -26.41	60.53 5.44 -17.02	53.09 5.29 -9.98
EAST_PULASKI___ESR 323781	36.22 -1.20 0.00	33.49 -1.11 0.00	32.49 -1.11 0.00	32.50 -1.07 0.00	31.79 -1.08 0.00	33.59 -0.97 0.00	44.35 -1.28 0.00	46.48 -1.29 -0.04	46.44 -1.29 0.00	43.81 -1.22 0.00	45.13 -1.30 0.00	43.45 -1.21 0.00	41.15 -1.14 0.00	41.21 -1.19 0.00	40.84 -1.22 0.00	42.31 -1.22 0.00	46.93 -1.30 0.00	50.24 -1.22 -0.58	50.76 -1.17 -1.05	46.13 -1.27 -0.26	39.81 -1.22 -0.32	38.41 -1.14 -0.08	36.93 -1.14 0.00	36.48 -1.32 0.00
EAST_RIVER___1 323558	39.14 1.72 0.00	36.16 1.56 0.00	35.15 1.55 0.00	35.15 1.58 0.00	34.46 1.58 0.00	36.35 1.80 0.00	48.77 3.15 0.00	51.92 3.68 -0.52	51.40 3.68 0.00	48.22 3.20 0.00	50.05 3.62 0.00	48.00 3.35 0.00	45.68 3.38 0.00	45.71 3.31 0.00	45.38 3.32 0.00	46.88 3.35 0.00	52.23 3.96 -0.04	63.09 4.32 -7.89	61.80 4.22 -6.70	54.63 3.91 -3.57	48.34 3.26 -4.36	43.66 3.04 -1.15	41.11 2.97 -0.07	40.65 2.84 -0.01
EAST_RIVER___2 323559	39.22 1.80 0.00	36.22 1.63 0.00	35.21 1.61 0.00	35.18 1.61 0.00	34.52 1.64 0.00	36.42 1.86 0.00	48.95 3.33 0.00	52.16 3.91 -0.52	51.69 3.96 0.00	48.44 3.42 0.00	50.28 3.85 0.00	48.22 3.57 0.00	45.89 3.59 0.00	45.92 3.52 0.00	45.60 3.53 0.00	47.09 3.57 0.00	52.52 4.25 -0.04	63.39 4.63 -7.89	62.10 4.53 -6.70	54.86 4.15 -3.57	48.50 3.42 -4.36	43.81 3.20 -1.15	41.22 3.08 -0.07	40.76 2.95 -0.01
EAST___DELAWARE_HYD 23607	39.10 1.69 0.00	36.16 1.56 0.00	35.11 1.51 0.00	35.08 1.51 0.00	34.29 1.41 0.00	36.18 1.62 0.00	48.55 2.92 0.00	51.40 3.20 -0.47	50.98 3.25 0.00	47.82 2.79 0.00	49.44 3.02 0.00	47.51 2.86 0.00	45.00 2.71 0.00	45.07 2.67 0.00	44.76 2.69 0.00	46.31 2.79 0.00	51.58 3.33 -0.02	61.89 3.86 -7.14	60.67 3.71 -6.08	53.73 3.35 -3.24	47.52 2.85 -3.96	43.00 2.49 -1.05	40.56 2.44 -0.05	40.11 2.31 0.00
EIGHT_POINT___WT_PWR 323820	36.15 -1.27 0.00	33.52 -1.07 0.00	32.66 -0.94 0.00	32.67 -0.90 0.00	32.06 -0.82 0.00	33.93 -0.62 0.00	44.71 -0.91 0.00	46.30 -1.53 -0.10	46.15 -1.57 0.00	43.72 -1.31 0.00	44.76 -1.67 0.00	43.22 -1.43 0.00	40.65 -1.65 0.00	40.96 -1.44 0.00	40.46 -1.60 0.00	41.82 -1.65 0.05	44.32 -1.73 2.18	48.84 -1.73 0.31	45.36 -1.58 3.94	43.60 -1.70 1.85	38.80 -1.67 0.25	37.69 -1.78 0.00	36.18 -1.90 -0.01	36.18 -1.62 0.00
ELBRIDGE_115KV_TB2 80188	36.45 -0.97 0.00	33.70 -0.90 0.00	32.73 -0.87 0.00	32.73 -0.84 0.00	32.09 -0.79 0.00	33.86 -0.69 0.00	44.85 -0.78 0.00	46.93 -0.86 -0.06	46.92 -0.81 0.00	44.21 -0.81 0.00	45.50 -0.93 0.00	43.80 -0.85 0.00	41.45 -0.85 0.00	41.59 -0.81 0.00	41.22 -0.84 0.00	42.70 -0.83 0.00	47.78 -0.92 -0.46	50.92 -0.81 -0.85	52.71 -0.81 -2.65	47.04 -0.85 -0.74	40.37 -0.81 -0.47	38.84 -0.75 -0.12	37.28 -0.80 -0.01	36.86 -0.95 0.00
ELEC_TRO_TEK 24086	40.17 2.17 -0.58	39.01 1.97 -2.44	37.89 1.95 -2.34	35.85 1.95 -0.33	37.47 1.94 -2.66	45.26 2.18 -8.52	60.02 3.60 -10.79	69.55 4.06 -17.77	64.02 4.01 -12.29	60.16 3.69 -11.44	62.75 3.95 -12.38	61.66 3.75 -13.26	61.45 3.68 -15.47	62.81 3.65 -16.77	63.77 3.66 -18.05	66.59 3.74 -19.32	62.95 4.39 -10.32	77.65 4.78 -21.99	77.59 4.68 -22.03	66.14 4.29 -14.70	70.89 3.62 -26.56	69.27 3.39 -26.41	58.36 3.27 -17.01	50.55 2.76 -9.98
ELLENBURG_WT_PWR 323604	39.18 1.76 0.00	36.29 1.69 0.00	35.15 1.55 0.00	35.05 1.48 0.00	34.29 1.41 0.00	35.45 0.90 0.00	46.45 0.82 0.00	48.69 0.95 0.00	48.63 0.90 0.00	46.15 1.13 0.00	47.59 1.16 0.00	45.72 1.07 0.00	43.31 1.01 0.00	43.38 0.98 0.00	42.99 0.92 0.00	44.53 1.00 0.00	49.10 0.87 0.00	51.84 0.96 0.00	51.84 0.96 0.00	47.95 0.80 0.00	41.36 0.65 0.00	40.10 0.63 0.00	38.68 0.61 0.00	38.87 1.06 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	33.42 -4.00 0.00	31.07 -3.53 0.00	30.24 -3.36 0.00	30.38 -3.19 0.00	29.79 -3.09 0.00	31.34 -3.21 0.00	40.83 -4.79 0.00	41.88 -5.92 0.00	42.05 -5.68 0.00	39.80 -5.22 0.00	40.53 -5.90 0.00	39.43 -5.22 0.00	37.35 -4.95 0.00	37.69 -4.71 0.00	37.22 -4.84 0.00	38.32 -5.18 0.02	40.63 -5.84 1.77	45.36 -5.95 -0.44	42.49 -5.85 2.54	40.46 -5.52 1.17	36.08 -4.85 -0.21	34.89 -4.66 -0.08	33.97 -4.11 -0.01	33.57 -4.23 0.00
EMPIRE_CC_1 323656	38.65 1.23 0.00	35.70 1.11 0.00	34.71 1.11 0.00	34.68 1.11 0.00	33.96 1.08 0.00	35.80 1.24 0.00	47.54 1.92 0.00	50.31 1.96 -0.62	49.69 1.96 0.00	46.78 1.75 0.00	48.56 2.14 0.00	46.61 1.96 0.00	44.15 1.86 0.00	44.26 1.86 0.00	43.96 1.89 0.00	45.44 1.91 0.00	50.53 2.27 -0.03	62.65 2.39 -9.38	61.30 2.44 -7.98	53.66 2.26 -4.25	47.83 1.91 -5.20	42.77 1.93 -1.37	39.96 1.83 -0.06	39.59 1.78 0.00
EMPIRE_CC_2 323658	38.65 1.23 0.00	35.70 1.11 0.00	34.71 1.11 0.00	34.68 1.11 0.00	33.96 1.08 0.00	35.80 1.24 0.00	47.54 1.92 0.00	50.31 1.96 -0.62	49.69 1.96 0.00	46.78 1.75 0.00	48.56 2.14 0.00	46.61 1.96 0.00	44.15 1.86 0.00	44.26 1.86 0.00	43.96 1.89 0.00	45.44 1.91 0.00	50.53 2.27 -0.03	62.65 2.39 -9.38	61.30 2.44 -7.98	53.66 2.26 -4.25	47.83 1.91 -5.20	42.77 1.93 -1.37	39.96 1.83 -0.06	39.59 1.78 0.00
ENORWICH_115KV_TB1 80156	40.04 2.62 0.00	37.09 2.49 0.00	35.95 2.35 0.00	35.96 2.38 0.00	35.28 2.40 0.00	37.39 2.83 0.00	50.23 4.61 0.00	52.76 4.87 -0.16	52.50 4.77 0.00	49.39 4.37 0.00	50.37 3.95 0.00	48.40 3.75 0.00	45.93 3.64 0.00	46.09 3.69 0.00	45.72 3.66 0.00	47.52 3.96 -0.03	54.88 4.53 -2.11	59.80 5.24 -3.68	64.28 5.29 -8.11	55.07 4.62 -3.30	46.55 3.75 -2.09	43.41 3.43 -0.51	41.25 3.16 -0.02	40.45 2.65 0.00
ERIE_ST__34_KV_TB1-2 80199	34.65 -2.77 0.00	32.21 -2.39 0.00	31.38 -2.22 0.00	31.49 -2.08 0.00	30.87 -2.01 0.00	32.55 -2.00 0.00	42.39 -3.24 0.00	43.65 -4.15 -0.07	43.86 -3.87 0.00	41.51 -3.51 0.00	42.25 -4.18 0.00	41.12 -3.53 0.00	38.91 -3.38 0.00	39.26 -3.14 0.00	38.78 -3.28 0.00	39.93 -3.57 0.02	43.15 -3.33 1.76	47.02 -4.32 -0.46	44.72 -3.66 2.49	42.97 -3.02 1.16	37.89 -3.05 -0.22	35.80 -3.75 -0.09	35.30 -2.78 -0.01	34.78 -3.02 0.00
ERIE_WT_PWR 323693	33.75 -3.67 0.00	31.38 -3.22 0.00	30.58 -3.02 0.00	30.68 -2.89 0.00	30.08 -2.79 0.00	31.69 -2.87 0.00	41.43 -4.20 0.00	42.36 -5.44 -0.07	42.29 -5.44 0.00	40.30 -4.73 0.00	41.23 -5.20 0.00	40.01 -4.64 0.00	37.69 -4.61 0.00	38.12 -4.28 0.00	37.60 -4.46 0.00	38.85 -4.66 0.02	41.21 -5.26 1.77	45.82 -5.50 -0.44	43.10 -5.24 2.54	41.02 -4.95 1.18	36.61 -4.32 -0.21	35.17 -4.38 -0.08	33.97 -4.11 -0.01	33.99 -3.82 0.00
ESPRGFLD_115KV_TB1 80157	39.18 1.76 0.00	36.26 1.66 0.00	35.18 1.58 0.00	35.18 1.61 0.00	34.49 1.61 0.00	36.49 1.94 0.00	48.77 3.15 0.00	51.08 3.34 -0.01	51.07 3.34 0.00	48.04 3.02 0.00	49.44 3.02 0.00	47.42 2.77 0.00	44.92 2.62 0.00	45.07 2.67 0.00	44.80 2.73 0.00	46.40 2.87 0.00	51.61 3.38 0.00	54.83 3.82 -0.13	54.86 3.87 -0.11	50.65 3.44 -0.06	43.68 2.89 -0.07	41.97 2.49 -0.02	40.39 2.32 0.00	39.70 1.89 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	37.68 0.26 0.00	34.84 0.24 0.00	33.87 0.27 0.00	33.84 0.27 0.00	33.17 0.30 0.00	35.07 0.52 0.00	46.58 0.96 0.00	48.85 1.00 -0.12	48.73 1.00 0.00	45.88 0.86 0.00	47.12 0.70 0.00	45.32 0.67 0.00	42.93 0.63 0.00	43.08 0.68 0.00	42.73 0.67 0.00	44.33 0.74 -0.07	53.64 0.92 -4.49	56.56 1.22 -4.46	66.03 1.27 -13.88	53.64 0.99 -5.50	44.03 0.73 -2.58	40.73 0.67 -0.59	38.62 0.53 -0.01	38.11 0.30 0.00
ETNA____115KV_TB2 80207	37.68 0.26 0.00	34.84 0.24 0.00	33.87 0.27 0.00	33.84 0.27 0.00	33.17 0.30 0.00	35.07 0.52 0.00	46.58 0.96 0.00	48.85 1.00 -0.12	48.73 1.00 0.00	45.88 0.86 0.00	47.12 0.70 0.00	45.32 0.67 0.00	42.93 0.63 0.00	43.08 0.68 0.00	42.73 0.67 0.00	44.33 0.74 -0.07	53.64 0.92 -4.49	56.56 1.22 -4.46	66.03 1.27 -13.88	53.64 0.99 -5.50	44.03 0.73 -2.58	40.73 0.67 -0.59	38.62 0.53 -0.01	38.11 0.30 0.00
EUCLID___115KV_TB2 356179	36.18 -1.23 0.00	33.46 -1.14 0.00	32.49 -1.11 0.00	32.46 -1.11 0.00	31.83 -1.05 0.00	33.59 -0.97 0.00	44.48 -1.14 0.00	46.53 -1.24 -0.04	46.54 -1.19 0.00	43.90 -1.13 0.00	45.17 -1.25 0.00	43.49 -1.16 0.00	41.15 -1.14 0.00	41.30 -1.10 0.00	40.93 -1.14 0.00	42.39 -1.13 0.00	46.98 -1.25 0.00	50.33 -1.22 -0.67	50.68 -1.22 -1.02	46.23 -1.23 -0.31	39.99 -1.10 -0.37	38.50 -1.07 -0.10	37.01 -1.07 0.00	36.60 -1.21 0.00
E_CANADA_CAP_HY 24051	39.70 2.28 0.00	36.71 2.11 0.00	35.65 2.05 0.00	35.65 2.08 0.00	34.92 2.04 0.00	36.97 2.42 0.00	49.41 3.78 0.00	52.50 4.01 -0.76	51.74 4.01 0.00	48.54 3.51 0.00	50.05 3.62 0.00	47.82 3.17 0.00	45.21 2.92 0.00	45.45 3.05 0.00	45.22 3.16 0.00	46.88 3.35 0.00	52.23 3.96 -0.04	66.79 4.38 -11.54	65.17 4.48 -9.81	56.43 4.06 -5.23	50.48 3.38 -6.39	44.12 2.96 -1.69	40.89 2.74 -0.08	40.26 2.46 0.00
E_CANADA_MHWK_HY 24050	37.61 0.19 0.00	34.77 0.17 0.00	33.77 0.17 0.00	33.77 0.20 0.00	33.08 0.20 0.00	34.83 0.28 0.00	46.22 0.59 0.00	48.35 0.62 0.00	48.30 0.57 0.00	45.52 0.50 0.00	46.94 0.51 0.00	45.10 0.45 0.00	42.76 0.47 0.00	42.82 0.42 0.00	42.48 0.42 0.00	43.91 0.39 0.00	48.58 0.34 0.00	51.08 0.20 0.00	50.98 0.10 0.00	47.19 0.05 0.00	40.80 0.08 0.00	39.58 0.12 0.00	38.26 0.19 0.00	37.96 0.15 0.00
E_FISHKILL___LBMP 23776	38.84 1.42 0.00	35.88 1.28 0.00	34.88 1.28 0.00	34.88 1.31 0.00	34.16 1.28 0.00	36.01 1.45 0.00	48.18 2.56 0.00	51.13 2.86 -0.53	50.54 2.82 0.00	47.64 2.61 0.00	49.26 2.83 0.00	47.33 2.68 0.00	44.92 2.62 0.00	44.99 2.59 0.00	44.67 2.61 0.00	46.18 2.65 0.00	51.45 3.18 -0.03	62.45 3.46 -8.11	61.14 3.36 -6.90	53.89 3.06 -3.68	47.86 2.65 -4.50	43.10 2.45 -1.19	40.49 2.36 -0.06	39.74 1.93 0.00
FALCON___SEABRD_CC1 323796	39.74 2.32 0.00	36.81 2.22 0.00	35.65 2.05 0.00	35.48 1.91 0.00	34.75 1.87 0.00	35.76 1.21 0.00	46.86 1.23 0.00	49.12 1.39 0.00	49.06 1.33 0.00	46.56 1.53 0.00	48.05 1.62 0.00	46.17 1.52 0.00	43.73 1.44 0.00	43.76 1.36 0.00	43.37 1.31 0.00	44.92 1.39 0.00	49.49 1.25 0.00	52.36 1.48 0.00	52.36 1.48 0.00	48.37 1.22 0.00	41.69 0.98 0.00	40.41 0.95 0.00	38.98 0.91 0.00	39.36 1.55 0.00
FALCON___SEABRD_CC2 323797	39.74 2.32 0.00	36.81 2.22 0.00	35.65 2.05 0.00	35.48 1.91 0.00	34.75 1.87 0.00	35.76 1.21 0.00	46.86 1.23 0.00	49.12 1.39 0.00	49.06 1.33 0.00	46.56 1.53 0.00	48.05 1.62 0.00	46.17 1.52 0.00	43.73 1.44 0.00	43.76 1.36 0.00	43.37 1.31 0.00	44.92 1.39 0.00	49.49 1.25 0.00	52.36 1.48 0.00	52.36 1.48 0.00	48.37 1.22 0.00	41.69 0.98 0.00	40.41 0.95 0.00	38.98 0.91 0.00	39.36 1.55 0.00

FAR ROCKAWAY___4 23548	40.55 2.54 -0.58	39.36 2.32 -2.44	38.26 2.32 -2.34	36.19 2.28 -0.33	37.80 2.27 -2.66	45.64 2.56 -8.52	60.07 3.65 -10.79	69.65 4.15 -17.77	64.07 4.06 -12.29	60.20 3.74 -11.44	62.79 3.99 -12.38	61.71 3.80 -13.26	61.49 3.72 -15.47	62.86 3.69 -16.77	63.81 3.70 -18.05	66.63 3.79 -19.32	63.09 4.53 -10.32	77.45 4.58 -21.99	77.38 4.48 -22.03	65.99 4.15 -14.70	70.73 3.46 -26.56	69.03 3.16 -26.41	58.43 3.35 -17.01	50.96 3.18 -9.98
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	39.18 1.76 0.00	36.19 1.59 0.00	35.21 1.61 0.00	35.18 1.61 0.00	34.49 1.61 0.00	36.35 1.80 0.00	48.86 3.24 0.00	51.97 3.72 -0.52	51.40 3.68 0.00	48.36 3.33 0.00	50.09 3.67 0.00	48.13 3.48 0.00	45.68 3.38 0.00	45.75 3.35 0.00	45.43 3.36 0.00	46.96 3.44 0.00	52.37 4.10 -0.04	63.19 4.43 -7.89	61.90 4.32 -6.70	54.68 3.96 -3.57	48.42 3.34 -4.36	43.74 3.12 -1.15	41.18 3.05 -0.07	40.35 2.53 -0.01
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	39.18 1.76 0.00	36.19 1.59 0.00	35.21 1.61 0.00	35.15 1.58 0.00	34.49 1.61 0.00	36.35 1.80 0.00	48.86 3.24 0.00	51.97 3.72 -0.52	51.40 3.68 0.00	48.36 3.33 0.00	50.09 3.67 0.00	48.09 3.44 0.00	45.68 3.38 0.00	45.75 3.35 0.00	45.43 3.36 0.00	46.96 3.44 0.00	52.32 4.05 -0.04	63.19 4.43 -7.89	61.90 4.32 -6.70	54.68 3.96 -3.57	48.42 3.34 -4.36	43.74 3.12 -1.15	41.18 3.05 -0.07	40.35 2.53 -0.01
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	39.14 1.72 0.00	36.15 1.56 0.00	35.18 1.58 0.00	35.15 1.58 0.00	34.46 1.58 0.00	36.32 1.76 0.00	48.82 3.19 0.00	51.92 3.68 -0.52	51.36 3.63 0.00	48.31 3.29 0.00	50.05 3.62 0.00	48.04 3.39 0.00	45.64 3.34 0.00	45.71 3.31 0.00	45.38 3.32 0.00	46.92 3.39 0.00	52.28 4.00 -0.04	63.14 4.38 -7.89	61.80 4.22 -6.70	54.58 3.87 -3.57	48.34 3.26 -4.36	43.66 3.04 -1.15	41.14 3.01 -0.07	40.31 2.50 -0.01
FARRAGUT___LBMP 323566	39.14 1.72 0.00	36.15 1.56 0.00	35.15 1.55 0.00	35.12 1.54 0.00	34.42 1.55 0.00	36.32 1.76 0.00	48.77 3.15 0.00	51.88 3.63 -0.52	51.31 3.58 0.00	48.27 3.24 0.00	50.00 3.57 0.00	48.04 3.39 0.00	45.59 3.30 0.00	45.66 3.26 0.00	45.34 3.28 0.00	46.88 3.35 0.00	52.23 3.96 -0.04	63.09 4.32 -7.89	61.80 4.22 -6.70	54.53 3.82 -3.57	48.34 3.26 -4.36	43.66 3.04 -1.15	41.11 2.97 -0.07	40.27 2.46 -0.01
FENNER___WINDPWR 24204	37.83 0.41 0.00	35.01 0.42 0.00	34.00 0.40 0.00	33.98 0.40 0.00	33.30 0.43 0.00	35.18 0.62 0.00	46.81 1.18 0.00	49.03 1.24 -0.06	48.97 1.24 0.00	46.19 1.17 0.00	47.49 1.07 0.00	45.68 1.03 0.00	43.27 0.97 0.00	43.38 0.98 0.00	43.03 0.97 0.00	44.58 1.04 -0.01	50.33 1.16 -0.94	53.68 1.32 -1.48	55.79 1.32 -3.59	49.63 1.09 -1.40	42.41 0.86 -0.84	40.42 0.75 -0.21	38.72 0.65 -0.01	38.38 0.57 0.00
FIBERTEK___ENERGY 23856	36.67 -0.75 0.00	33.91 -0.69 0.00	32.93 -0.67 0.00	32.93 -0.64 0.00	32.25 -0.62 0.00	34.07 -0.48 0.00	45.12 -0.50 0.00	47.21 -0.57 -0.05	47.20 -0.53 0.00	44.48 -0.54 0.00	45.82 -0.60 0.00	44.07 -0.58 0.00	41.70 -0.59 0.00	41.85 -0.55 0.00	41.51 -0.55 0.00	42.96 -0.57 0.00	47.95 -0.63 -0.34	51.17 -0.51 -0.80	52.51 -0.51 -2.14	47.21 -0.57 -0.63	40.63 -0.53 -0.45	39.07 -0.51 -0.12	37.51 -0.57 -0.01	37.09 -0.72 0.00
FITZPATRICK___ 23598	35.74 -1.68 0.00	33.04 -1.56 0.00	32.09 -1.51 0.00	32.10 -1.48 0.00	31.43 -1.45 0.00	33.14 -1.42 0.00	43.85 -1.78 0.00	45.85 -1.91 -0.03	45.82 -1.91 0.00	43.22 -1.80 0.00	44.57 -1.86 0.00	42.86 -1.79 0.00	40.56 -1.74 0.00	40.70 -1.70 0.00	40.34 -1.73 0.00	41.78 -1.74 0.00	46.26 -1.98 0.00	49.37 -1.99 -0.47	49.29 -1.99 -0.40	45.42 -1.94 -0.21	39.35 -1.63 -0.26	37.95 -1.58 -0.07	36.51 -1.56 0.00	36.22 -1.59 0.00
FLOWRFLD_69_KV_BK1 356044	40.81 2.81 -0.58	39.63 2.59 -2.44	38.49 2.55 -2.34	36.49 2.59 -0.33	38.06 2.53 -2.66	45.84 2.76 -8.52	60.98 4.56 -10.79	70.51 5.01 -17.77	64.98 4.96 -12.29	61.10 4.64 -11.44	63.86 5.06 -12.38	62.74 4.82 -13.27	62.42 4.65 -15.47	63.83 4.66 -16.77	64.78 4.67 -18.05	67.63 4.79 -19.32	63.91 5.35 -10.32	78.77 5.90 -21.99	78.81 5.90 -22.03	67.13 5.28 -14.70	71.87 4.60 -26.56	70.26 4.38 -26.41	59.24 4.15 -17.02	51.38 3.59 -9.98
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	39.18 1.76 0.00	36.19 1.59 0.00	35.15 1.55 0.00	35.12 1.54 0.00	34.36 1.48 0.00	36.21 1.66 0.00	48.50 2.87 0.00	51.50 3.25 -0.52	50.97 3.25 0.00	47.95 2.93 0.00	49.54 3.11 0.00	47.60 2.95 0.00	45.09 2.79 0.00	45.16 2.76 0.00	44.84 2.78 0.00	46.40 2.87 0.00	51.73 3.47 -0.03	62.67 3.82 -7.98	61.38 3.71 -6.79	54.16 3.39 -3.62	48.03 2.89 -4.42	43.28 2.64 -1.17	40.72 2.59 -0.05	39.93 2.12 0.00
FORT ORANGE___ 23900	38.95 1.53 0.00	35.98 1.39 0.00	34.95 1.35 0.00	34.92 1.34 0.00	34.16 1.28 0.00	36.04 1.48 0.00	47.54 1.92 0.00	50.32 1.96 -0.63	49.73 2.00 0.00	46.83 1.80 0.00	48.05 1.62 0.00	46.17 1.52 0.00	43.65 1.35 0.00	43.76 1.36 0.00	43.45 1.39 0.00	44.96 1.43 0.00	49.95 1.69 -0.03	62.21 1.68 -9.66	60.87 1.78 -8.21	53.22 1.69 -4.38	47.61 1.55 -5.35	42.58 1.70 -1.41	39.77 1.64 -0.07	39.70 1.89 0.00
FORT_DRUM_COGEN 23780	36.71 -0.71 0.00	33.94 -0.66 0.00	32.93 -0.67 0.00	32.90 -0.67 0.00	32.22 -0.66 0.00	34.00 -0.55 0.00	45.31 -0.32 0.00	47.62 -0.14 -0.03	47.59 -0.14 0.00	44.98 -0.05 0.00	46.15 -0.28 0.00	44.38 -0.27 0.00	42.04 -0.25 0.00	42.15 -0.25 0.00	41.81 -0.25 0.00	43.39 -0.13 0.00	48.19 -0.05 0.00	51.44 0.15 -0.41	51.38 0.15 -0.35	47.00 -0.33 -0.19	40.41 -0.53 -0.23	38.93 -0.59 -0.06	37.39 -0.69 0.00	36.94 -0.87 0.00
FOX_HILLS___ESR 323835	39.36 1.95 0.00	36.36 1.76 0.00	35.31 1.71 0.00	35.28 1.71 0.00	34.65 1.78 0.00	36.45 1.90 0.00	48.96 3.33 0.00	104.91 3.91 -53.27	109.29 3.82 -57.75	48.36 3.33 0.00	50.09 3.67 0.00	48.09 3.44 0.00	45.82 3.47 -0.06	45.83 3.43 0.00	111.95 3.49 -66.40	47.15 3.57 -0.06	52.57 4.20 -0.14	95.20 4.53 -39.80	91.61 4.48 -36.26	115.27 4.10 -64.03	93.18 3.54 -48.92	91.80 3.28 -49.06	41.28 3.12 -0.08	40.66 2.84 -0.01
FPL_FAR_ROCK_GT1 24212	40.55 2.55 -0.58	39.36 2.32 -2.44	38.25 2.32 -2.34	36.19 2.28 -0.33	37.80 2.27 -2.66	45.64 2.56 -8.52	60.07 3.65 -10.79	69.65 4.15 -17.77	64.16 4.15 -12.29	60.16 3.69 -11.44	62.79 3.99 -12.38	61.66 3.75 -13.26	61.49 3.72 -15.47	62.85 3.69 -16.77	63.81 3.70 -18.05	66.59 3.74 -19.32	63.05 4.49 -10.32	77.39 4.53 -21.99	77.43 4.53 -22.03	65.99 4.15 -14.70	70.69 3.42 -26.56	69.03 3.16 -26.41	58.39 3.31 -17.01	51.30 3.52 -9.98
FPL_FAR_ROCK_GT2 23815	40.55 2.55 -0.58	39.36 2.32 -2.44	38.25 2.32 -2.34	36.19 2.28 -0.33	37.80 2.27 -2.66	45.64 2.56 -8.52	60.07 3.65 -10.79	69.65 4.15 -17.77	64.16 4.15 -12.29	60.16 3.69 -11.44	62.79 3.99 -12.38	61.66 3.75 -13.26	61.49 3.72 -15.47	62.85 3.69 -16.77	63.81 3.70 -18.05	66.59 3.74 -19.32	63.05 4.49 -10.32	77.39 4.53 -21.99	77.43 4.53 -22.03	65.99 4.15 -14.70	70.69 3.42 -26.56	69.03 3.16 -26.41	58.39 3.31 -17.01	51.30 3.52 -9.98



FRANKLIN_FALL_HYD 24054	39.36 1.95 0.00	36.47 1.87 0.00	35.31 1.71 0.00	35.15 1.58 0.00	34.36 1.48 0.00	35.63 1.07 0.00	46.63 1.00 0.00	48.93 1.19 0.00	48.83 1.10 0.00	46.42 1.40 0.00	48.00 1.58 0.00	46.04 1.38 0.00	43.61 1.31 0.00	43.67 1.27 0.00	43.24 1.18 0.00	44.79 1.26 0.00	49.39 1.16 0.00	52.20 1.32 0.00	52.20 1.32 0.00	48.23 1.08 0.00	41.61 0.90 0.00	40.33 0.87 0.00	38.91 0.84 0.00	39.28 1.47 0.00
FREEPORT_EQUS_GT1 23764	40.40 2.40 -0.58	39.22 2.18 -2.44	38.09 2.15 -2.34	36.06 2.15 -0.33	37.67 2.14 -2.66	45.50 2.42 -8.52	60.34 3.92 -10.79	69.89 4.39 -17.77	64.40 4.39 -12.29	60.38 3.92 -11.44	63.03 4.22 -12.38	61.93 4.02 -13.26	61.70 3.93 -15.47	63.07 3.90 -16.77	64.06 3.95 -18.05	66.85 4.00 -19.32	63.29 4.73 -10.32	77.90 5.04 -21.99	77.89 4.99 -22.03	66.42 4.57 -14.70	71.10 3.83 -26.56	69.58 3.71 -26.41	58.58 3.50 -17.01	51.15 3.36 -9.98
FREEPORT___CT2 23818	40.40 2.40 -0.58	39.22 2.18 -2.44	38.09 2.15 -2.34	36.06 2.15 -0.33	37.67 2.14 -2.66	45.50 2.42 -8.52	60.34 3.92 -10.79	69.89 4.39 -17.77	64.40 4.39 -12.29	60.38 3.92 -11.44	63.03 4.22 -12.38	61.93 4.02 -13.26	61.70 3.93 -15.47	63.07 3.90 -16.77	64.06 3.95 -18.05	66.85 4.00 -19.32	63.29 4.73 -10.32	77.90 5.04 -21.99	77.89 4.99 -22.03	66.42 4.57 -14.70	71.10 3.83 -26.56	69.58 3.71 -26.41	58.58 3.50 -17.01	51.15 3.36 -9.98
FRESHKLS_33_KV_LOAD 356253	39.33 1.91 0.00	36.33 1.73 0.00	35.31 1.71 0.00	35.25 1.68 0.00	34.62 1.74 0.00	36.45 1.90 0.00	48.91 3.29 0.00	104.82 3.82 -53.27	109.15 3.68 -57.75	48.22 3.20 0.00	49.95 3.53 0.00	47.91 3.26 0.00	45.69 3.34 -0.06	45.71 3.31 0.00	111.83 3.36 -66.40	47.02 3.44 -0.06	52.48 4.10 -0.14	95.05 4.38 -39.80	91.46 4.32 -36.26	115.18 4.01 -64.03	93.10 3.46 -48.92	91.72 3.20 -49.06	41.24 3.08 -0.08	40.62 2.80 -0.01
FULTON COGEN____ 23766	36.15 -1.27 0.00	33.39 -1.21 0.00	32.46 -1.14 0.00	32.43 -1.14 0.00	31.76 -1.12 0.00	33.55 -1.00 0.00	44.35 -1.28 0.00	46.48 -1.29 -0.04	46.44 -1.29 0.00	43.81 -1.22 0.00	45.13 -1.30 0.00	43.40 -1.25 0.00	41.07 -1.23 0.00	41.17 -1.23 0.00	40.84 -1.22 0.00	42.31 -1.22 0.00	46.89 -1.35 0.00	50.24 -1.27 -0.63	50.76 -1.27 -1.15	46.16 -1.27 -0.29	39.88 -1.18 -0.35	38.45 -1.11 -0.09	36.93 -1.14 0.00	36.52 -1.29 0.00
FULTON___LFGE 323630	41.68 4.26 0.00	38.51 3.91 0.00	37.36 3.76 0.00	37.36 3.79 0.00	36.59 3.71 0.00	38.84 4.28 0.00	51.88 6.25 0.00	54.99 6.54 -0.72	54.27 6.54 0.00	50.74 5.72 0.00	52.23 5.80 0.00	49.65 5.00 0.00	46.86 4.57 0.00	47.27 4.87 0.00	47.15 5.09 0.00	48.96 5.44 0.00	54.74 6.47 -0.04	68.86 6.97 -11.01	67.42 7.18 -9.37	58.69 6.55 -4.99	52.31 5.49 -6.10	45.93 4.85 -1.61	42.79 4.64 -0.08	41.93 4.12 0.00
G.F.CEMENT___DRP 24184	39.03 1.61 0.00	36.02 1.42 0.00	35.08 1.48 0.00	35.05 1.48 0.00	34.29 1.41 0.00	36.21 1.66 0.00	48.32 2.69 0.00	51.25 2.86 -0.66	50.74 3.01 0.00	47.68 2.66 0.00	49.16 2.74 0.00	46.88 2.23 0.00	44.16 1.86 0.00	44.10 1.70 0.00	43.83 1.77 0.00	45.35 1.83 0.00	50.63 2.36 -0.03	63.39 2.49 -10.02	61.94 2.54 -8.52	54.04 2.36 -4.54	48.22 1.95 -5.55	42.63 1.70 -1.47	39.78 1.64 -0.07	39.02 1.21 0.00
GARDENVILLE___LBMP 24039	33.64 -3.78 0.00	31.28 -3.32 0.00	30.44 -3.16 0.00	30.55 -3.02 0.00	29.95 -2.93 0.00	31.55 -3.01 0.00	41.11 -4.52 0.00	42.17 -5.63 -0.07	42.34 -5.39 0.00	40.12 -4.91 0.00	40.81 -5.62 0.00	39.69 -4.96 0.00	37.56 -4.74 0.00	37.95 -4.45 0.00	37.43 -4.63 0.00	38.58 -4.92 0.02	40.96 -5.50 1.77	45.66 -5.65 -0.43	42.83 -5.49 2.55	40.78 -5.19 1.18	36.32 -4.60 -0.21	35.09 -4.46 -0.08	34.16 -3.92 -0.01	33.76 -4.05 0.00
GARDNVLA_35_KV_LD 355827	33.79 -3.63 0.00	31.41 -3.18 0.00	30.58 -3.02 0.00	30.72 -2.85 0.00	30.08 -2.79 0.00	31.69 -2.87 0.00	41.29 -4.33 0.00	42.41 -5.39 -0.07	42.57 -5.15 0.00	40.30 -4.73 0.00	41.04 -5.39 0.00	39.92 -4.73 0.00	37.77 -4.53 0.00	38.16 -4.24 0.00	37.64 -4.42 0.00	38.76 -4.74 0.02	41.21 -5.26 1.77	45.88 -5.44 -0.44	43.05 -5.29 2.53	41.07 -4.90 1.17	36.53 -4.40 -0.21	35.25 -4.30 -0.08	34.35 -3.73 -0.01	33.91 -3.89 0.00
GELCKHM___115KV_LOAD 80723	36.37 -1.05 0.00	33.63 -0.97 0.00	32.66 -0.94 0.00	32.67 -0.91 0.00	31.99 -0.89 0.00	33.76 -0.79 0.00	44.71 -0.91 0.00	46.82 -0.95 -0.05	46.77 -0.95 0.00	44.12 -0.90 0.00	45.45 -0.97 0.00	43.71 -0.94 0.00	41.41 -0.89 0.00	41.51 -0.89 0.00	41.18 -0.88 0.00	42.61 -0.91 0.00	47.42 -1.01 -0.19	50.68 -0.92 -0.72	51.42 -0.92 -1.46	46.68 -0.94 -0.47	40.22 -0.90 -0.40	38.74 -0.83 -0.11	37.20 -0.88 0.00	36.79 -1.02 0.00
GENERAL___MILLS 23808	33.75 -3.67 0.00	31.38 -3.22 0.00	30.54 -3.06 0.00	30.65 -2.92 0.00	30.05 -2.83 0.00	31.65 -2.90 0.00	41.25 -4.38 0.00	42.31 -5.49 -0.07	42.48 -5.25 0.00	40.25 -4.77 0.00	40.99 -5.43 0.00	39.83 -4.82 0.00	37.73 -4.57 0.00	38.07 -4.32 0.00	37.56 -4.50 0.00	38.72 -4.79 0.02	41.16 -5.31 1.77	45.82 -5.49 -0.44	43.00 -5.34 2.54	40.97 -5.00 1.18	36.49 -4.44 -0.21	35.17 -4.38 -0.08	34.27 -3.81 -0.01	33.88 -3.93 0.00
GE_PLASTICS___DRP 24183	38.62 1.20 0.00	35.67 1.07 0.00	34.64 1.04 0.00	34.65 1.07 0.00	33.90 1.02 0.00	35.73 1.17 0.00	47.45 1.83 0.00	50.28 1.91 -0.63	49.64 1.91 0.00	46.78 1.76 0.00	48.10 1.67 0.00	46.21 1.56 0.00	43.73 1.44 0.00	43.84 1.44 0.00	43.53 1.47 0.00	45.05 1.52 0.00	50.05 1.78 -0.03	62.37 1.83 -9.66	60.98 1.88 -8.22	53.27 1.74 -4.38	47.57 1.51 -5.35	42.54 1.66 -1.41	39.77 1.64 -0.07	39.17 1.36 0.00
GILBOA___1 23756	38.28 0.86 0.00	35.36 0.76 0.00	34.37 0.77 0.00	34.34 0.77 0.00	33.63 0.76 0.00	35.45 0.90 0.00	47.18 1.55 0.00	49.86 1.62 -0.50	49.35 1.62 0.00	46.46 1.44 0.00	48.05 1.62 0.00	46.17 1.52 0.00	43.77 1.48 0.00	43.84 1.44 0.00	43.53 1.47 0.00	45.00 1.48 0.00	49.95 1.69 -0.03	60.38 1.83 -7.67	59.23 1.83 -6.52	52.32 1.69 -3.48	46.47 1.51 -4.25	42.01 1.42 -1.12	39.49 1.37 -0.05	39.09 1.29 0.00
GILBOA___2 23757	38.28 0.86 0.00	35.36 0.76 0.00	34.37 0.77 0.00	34.34 0.77 0.00	33.63 0.76 0.00	35.45 0.90 0.00	47.18 1.55 0.00	49.86 1.62 -0.50	49.35 1.62 0.00	46.46 1.44 0.00	48.05 1.62 0.00	46.17 1.52 0.00	43.77 1.48 0.00	43.84 1.44 0.00	43.53 1.47 0.00	45.00 1.48 0.00	49.95 1.69 -0.03	60.38 1.83 -7.67	59.23 1.83 -6.52	52.32 1.69 -3.48	46.47 1.51 -4.25	42.01 1.42 -1.12	39.49 1.37 -0.05	39.09 1.29 0.00
GILBOA___3 23758	38.28 0.86 0.00	35.36 0.76 0.00	34.37 0.77 0.00	34.34 0.77 0.00	33.63 0.76 0.00	35.45 0.90 0.00	47.18 1.55 0.00	49.86 1.62 -0.50	49.35 1.62 0.00	46.46 1.44 0.00	48.05 1.62 0.00	46.17 1.52 0.00	43.77 1.48 0.00	43.84 1.44 0.00	43.53 1.47 0.00	45.00 1.48 0.00	49.95 1.69 -0.03	60.38 1.83 -7.67	59.23 1.83 -6.52	52.32 1.69 -3.48	46.47 1.51 -4.25	42.01 1.42 -1.12	39.49 1.37 -0.05	39.09 1.29 0.00

GILBOA___4 23759	38.28 0.86 0.00	35.36 0.76 0.00	34.37 0.77 0.00	34.34 0.77 0.00	33.63 0.76 0.00	35.45 0.90 0.00	47.18 1.55 0.00	49.86 1.62 -0.50	49.35 1.62 0.00	46.46 1.44 0.00	48.05 1.62 0.00	46.17 1.52 0.00	43.77 1.48 0.00	43.84 1.44 0.00	43.53 1.47 0.00	45.00 1.48 0.00	49.95 1.69 -0.03	60.38 1.83 -7.67	59.23 1.83 -6.52	52.32 1.69 -3.48	46.47 1.51 -4.25	42.01 1.42 -1.12	39.49 1.37 -0.05	39.09 1.29 0.00
GILBOA____ 23599	38.28 0.86 0.00	35.36 0.76 0.00	34.37 0.77 0.00	34.34 0.77 0.00	33.63 0.76 0.00	35.45 0.90 0.00	47.18 1.55 0.00	49.86 1.62 -0.50	49.30 1.58 0.00	46.46 1.44 0.00	48.05 1.62 0.00	46.17 1.52 0.00	43.78 1.48 0.00	43.84 1.44 0.00	43.53 1.47 0.00	45.05 1.52 0.00	50.00 1.74 -0.03	60.38 1.83 -7.67	59.23 1.83 -6.52	52.32 1.70 -3.48	46.47 1.51 -4.25	42.01 1.42 -1.12	39.49 1.37 -0.05	38.90 1.10 0.00
GINNA____ 23603	33.49 -3.93 0.00	31.00 -3.60 0.00	30.10 -3.50 0.00	30.11 -3.46 0.00	29.52 -3.35 0.00	31.27 -3.28 0.00	41.33 -4.29 0.00	43.02 -4.77 -0.06	43.05 -4.68 0.00	40.70 -4.32 0.00	41.74 -4.69 0.00	40.28 -4.37 0.00	38.07 -4.23 0.00	38.33 -4.07 0.00	37.90 -4.16 0.00	39.20 -4.31 0.01	40.76 -5.06 2.41	46.44 -4.93 -0.50	41.97 -4.98 3.92	40.61 -4.90 1.63	36.86 -4.11 -0.26	35.64 -3.91 -0.08	34.31 -3.77 -0.01	33.88 -3.93 0.00
GLEN PARK____ 23778	36.71 -0.71 0.00	33.91 -0.69 0.00	32.89 -0.71 0.00	32.90 -0.67 0.00	32.22 -0.66 0.00	34.04 -0.52 0.00	45.40 -0.23 0.00	47.71 -0.05 -0.03	47.63 -0.10 0.00	45.02 0.00 0.00	46.19 -0.23 0.00	44.43 -0.22 0.00	42.08 -0.21 0.00	42.19 -0.21 0.00	41.85 -0.21 0.00	43.48 -0.04 0.00	48.28 0.05 0.00	51.61 0.31 -0.42	51.54 0.31 -0.36	47.15 -0.19 -0.19	40.54 -0.41 -0.23	39.06 -0.47 -0.06	37.46 -0.61 0.00	37.01 -0.80 0.00
GLENDALE_27_KV_LOAD 356172	39.40 1.98 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.69 1.81 0.00	36.56 2.00 0.00	49.09 3.47 0.00	52.35 4.10 -0.52	53.88 4.06 -2.10	48.63 3.60 0.00	50.37 3.95 0.00	48.36 3.71 0.00	45.97 3.68 0.00	46.05 3.65 0.00	48.46 3.70 -2.70	47.31 3.79 0.00	52.76 4.49 -0.04	68.12 4.83 -12.41	65.93 4.73 -10.32	57.30 4.38 -5.77	48.74 3.66 -4.36	44.01 3.39 -1.15	41.38 3.24 -0.07	40.61 2.80 -0.01
GLENWOOD_IC_1_G5 23712	40.43 2.43 -0.58	39.25 2.21 -2.44	38.16 2.22 -2.34	36.09 2.18 -0.33	37.70 2.17 -2.66	45.53 2.45 -8.52	60.25 3.83 -10.79	69.65 4.15 -17.77	64.12 4.10 -12.29	60.25 3.78 -11.44	62.84 4.04 -12.38	61.75 3.84 -13.26	61.49 3.72 -15.47	62.86 3.69 -16.77	63.81 3.70 -18.05	66.63 3.79 -19.32	63.04 4.49 -10.32	77.75 4.88 -21.99	77.74 4.83 -22.03	66.28 4.43 -14.70	70.98 3.71 -26.56	69.31 3.43 -26.41	58.36 3.27 -17.01	50.55 2.76 -9.98
GLENWOOD_IC_2_G1 23688	40.36 2.36 -0.58	39.19 2.15 -2.44	38.06 2.12 -2.34	36.02 2.12 -0.33	37.64 2.11 -2.66	45.46 2.38 -8.52	60.25 3.83 -10.79	69.79 4.30 -17.77	64.31 4.30 -12.29	60.29 3.82 -11.44	62.93 4.13 -12.38	61.84 3.93 -13.26	61.62 3.85 -15.47	62.98 3.82 -16.77	63.94 3.83 -18.05	66.72 3.87 -19.32	63.14 4.58 -10.32	77.86 4.99 -21.99	77.84 4.93 -22.03	66.37 4.53 -14.70	71.06 3.79 -26.56	69.43 3.55 -26.41	58.47 3.39 -17.01	51.04 3.25 -9.98
GLENWOOD_IC_3_G1 23689	40.36 2.36 -0.58	39.19 2.15 -2.44	38.06 2.12 -2.34	36.02 2.12 -0.33	37.64 2.11 -2.66	45.46 2.38 -8.52	60.25 3.83 -10.79	69.79 4.30 -17.77	64.31 4.30 -12.29	60.29 3.82 -11.44	62.93 4.13 -12.38	61.84 3.93 -13.26	61.62 3.85 -15.47	62.98 3.82 -16.77	63.94 3.83 -18.05	66.72 3.87 -19.32	63.14 4.58 -10.32	77.86 4.99 -21.99	77.84 4.93 -22.03	66.37 4.53 -14.70	71.06 3.79 -26.56	69.43 3.55 -26.41	58.47 3.39 -17.01	51.04 3.25 -9.98
GLENWOOD___4 23550	40.43 2.43 -0.58	39.25 2.21 -2.44	38.16 2.22 -2.34	36.09 2.18 -0.33	37.70 2.17 -2.66	45.53 2.45 -8.52	60.34 3.92 -10.79	69.79 4.30 -17.77	64.21 4.20 -12.29	60.38 3.92 -11.44	62.93 4.13 -12.38	61.84 3.93 -13.26	61.62 3.85 -15.47	62.98 3.82 -16.77	63.89 3.79 -18.05	66.72 3.87 -19.32	63.19 4.63 -10.32	77.90 5.04 -21.99	77.89 4.99 -22.03	66.37 4.53 -14.70	71.06 3.79 -26.56	69.39 3.51 -26.41	58.47 3.39 -17.01	50.66 2.87 -9.98
GLENWOOD___5 23614	40.43 2.43 -0.58	39.25 2.21 -2.44	38.16 2.22 -2.34	36.09 2.18 -0.33	37.70 2.17 -2.66	45.53 2.45 -8.52	60.34 3.92 -10.79	69.79 4.30 -17.77	64.21 4.20 -12.29	60.38 3.92 -11.44	62.93 4.13 -12.38	61.84 3.93 -13.26	61.62 3.85 -15.47	62.98 3.82 -16.77	63.89 3.79 -18.05	66.72 3.87 -19.32	63.19 4.63 -10.32	77.90 5.04 -21.99	77.89 4.99 -22.03	66.37 4.53 -14.70	71.06 3.79 -26.56	69.39 3.51 -26.41	58.47 3.39 -17.01	50.66 2.87 -9.98
GLOBAL GREEN_PORT_GT1 23814	41.93 3.93 -0.58	40.74 3.70 -2.44	39.53 3.60 -2.34	37.63 3.73 -0.33	39.12 3.58 -2.66	46.98 3.90 -8.52	62.58 6.16 -10.79	71.94 6.44 -17.77	66.50 6.49 -12.29	62.50 6.04 -11.44	65.67 6.87 -12.38	64.44 6.52 -13.27	64.07 6.30 -15.47	65.49 6.32 -16.77	66.46 6.35 -18.05	69.37 6.53 -19.32	65.12 6.56 -10.32	80.35 7.48 -21.99	80.49 7.58 -22.03	68.73 6.88 -14.70	73.46 6.19 -26.56	71.95 6.08 -26.41	60.42 5.33 -17.02	52.97 5.18 -9.98
GLOBE___DSASP 323697	31.96 -5.46 0.00	29.72 -4.88 0.00	28.93 -4.67 0.00	29.11 -4.47 0.00	28.51 -4.37 0.00	29.99 -4.56 0.00	38.96 -6.66 0.00	39.83 -7.97 -0.07	40.00 -7.73 0.00	37.91 -7.11 0.00	38.63 -7.80 0.00	37.55 -7.10 0.00	35.57 -6.72 0.00	35.95 -6.44 0.00	35.46 -6.60 0.00	36.50 -7.01 0.02	38.42 -8.06 1.76	43.25 -8.09 -0.46	40.23 -8.14 2.51	38.35 -7.64 1.16	34.39 -6.56 -0.23	33.47 -6.08 -0.08	32.56 -5.52 -0.01	32.21 -5.60 0.00
GOETHSLN___LBMP 323567	38.95 1.53 0.00	35.98 1.38 0.00	34.98 1.38 0.00	34.95 1.38 0.00	34.26 1.38 0.00	36.14 1.59 0.00	48.59 2.97 0.00	51.68 3.44 -0.52	51.12 3.39 0.00	48.13 3.11 0.00	49.81 3.39 0.00	47.87 3.21 0.00	45.47 3.17 0.00	45.49 3.10 0.00	45.17 3.11 0.00	46.70 3.18 0.00	52.04 3.76 -0.04	62.89 4.12 -7.89	61.54 3.97 -6.70	54.35 3.63 -3.57	48.17 3.09 -4.36	43.50 2.88 -1.15	40.95 2.82 -0.07	40.08 2.27 -0.01
GOLAH___69_KV_TB 1_2 80279	34.58 -2.84 0.00	32.07 -2.53 0.00	31.18 -2.42 0.00	31.26 -2.32 0.00	30.61 -2.27 0.00	32.38 -2.18 0.00	42.48 -3.15 0.00	43.98 -3.82 -0.06	44.24 -3.48 0.00	41.69 -3.33 0.00	42.62 -3.81 0.00	41.21 -3.44 0.00	38.95 -3.34 0.00	39.22 -3.18 0.00	38.70 -3.36 0.00	39.94 -3.57 0.01	42.17 -4.20 1.87	47.39 -3.97 -0.48	44.23 -3.92 2.73	42.01 -3.91 1.23	37.58 -3.38 -0.25	36.55 -3.00 -0.08	35.22 -2.86 -0.01	34.86 -2.95 0.00
GOODYEAR_LAKE_HYD 323669	38.73 1.31 0.00	35.81 1.21 0.00	34.78 1.18 0.00	34.75 1.18 0.00	34.06 1.18 0.00	35.97 1.42 0.00	48.04 2.42 0.00	50.47 2.58 -0.16	50.35 2.63 0.00	47.41 2.39 0.00	48.84 2.41 0.00	46.93 2.28 0.00	44.49 2.20 0.00	44.60 2.20 0.00	44.25 2.19 0.00	45.83 2.31 0.00	50.90 2.65 -0.01	56.39 3.00 -2.51	56.55 3.00 -2.67	50.97 2.69 -1.14	44.39 2.28 -1.39	41.85 2.01 -0.37	39.99 1.90 -0.02	39.32 1.51 0.00

GOUDEY_115_KV_TB6_REV_LBMP_C 345031	37.42 0.00 0.00	34.60 0.00 0.00	33.63 0.03 0.00	33.64 0.07 0.00	32.98 0.10 0.00	34.80 0.24 0.00	46.13 0.50 0.00	48.28 0.38 -0.17	48.11 0.38 0.00	45.38 0.36 0.00	46.66 0.23 0.00	44.96 0.31 0.00	42.55 0.25 0.00	42.70 0.30 0.00	42.36 0.29 0.00	43.83 0.30 0.00	48.94 0.43 -0.27	54.03 0.56 -2.60	54.88 0.61 -3.39	49.00 0.47 -1.38	42.48 0.33 -1.44	40.08 0.24 -0.38	38.32 0.23 -0.02	37.85 0.04 0.00
GOUDEY___7 23579	37.42 0.00 0.00	34.63 0.03 0.00	33.67 0.07 0.00	33.67 0.10 0.00	33.01 0.13 0.00	34.83 0.28 0.00	46.17 0.55 0.00	48.33 0.43 -0.17	48.16 0.43 0.00	45.43 0.41 0.00	46.70 0.28 0.00	45.01 0.36 0.00	42.59 0.30 0.00	42.74 0.34 0.00	42.40 0.34 0.00	43.87 0.35 0.00	48.99 0.48 -0.27	54.08 0.61 -2.60	54.93 0.66 -3.39	49.04 0.52 -1.38	42.52 0.37 -1.44	40.12 0.28 -0.38	38.36 0.27 -0.02	37.88 0.08 0.00
GOUDEY___8 23580	37.42 0.00 0.00	34.60 0.00 0.00	33.63 0.03 0.00	33.64 0.07 0.00	32.98 0.10 0.00	34.80 0.24 0.00	46.13 0.50 0.00	48.28 0.38 -0.17	48.11 0.38 0.00	45.38 0.36 0.00	46.66 0.23 0.00	44.96 0.31 0.00	42.55 0.25 0.00	42.70 0.30 0.00	42.36 0.29 0.00	43.83 0.30 0.00	48.94 0.43 -0.27	54.03 0.56 -2.60	54.88 0.61 -3.39	49.00 0.47 -1.38	42.48 0.33 -1.44	40.08 0.24 -0.38	38.32 0.23 -0.02	37.85 0.04 0.00
GOWANUS_GT1_1 24077	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.69 1.81 0.00	36.52 1.97 0.00	49.09 3.47 0.00	105.11 4.10 -53.27	109.49 4.01 -57.75	48.58 3.56 0.00	50.32 3.90 0.00	48.27 3.62 0.00	45.99 3.64 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.32 3.74 -0.06	52.77 4.39 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.46 4.29 -64.03	93.30 3.66 -48.92	91.92 3.39 -49.06	41.43 3.27 -0.08	40.70 2.87 -0.01
GOWANUS_GT1_2 24078	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.69 1.81 0.00	36.52 1.97 0.00	49.09 3.47 0.00	105.11 4.10 -53.27	109.49 4.01 -57.75	48.58 3.56 0.00	50.32 3.90 0.00	48.27 3.62 0.00	45.99 3.64 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.32 3.74 -0.06	52.77 4.39 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.46 4.29 -64.03	93.30 3.66 -48.92	91.92 3.39 -49.06	41.43 3.27 -0.08	40.70 2.87 -0.01
GOWANUS_GT1_3 24079	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.69 1.81 0.00	36.52 1.97 0.00	49.09 3.47 0.00	105.11 4.10 -53.27	109.49 4.01 -57.75	48.58 3.56 0.00	50.32 3.90 0.00	48.27 3.62 0.00	45.99 3.64 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.32 3.74 -0.06	52.77 4.39 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.46 4.29 -64.03	93.30 3.66 -48.92	91.92 3.39 -49.06	41.43 3.27 -0.08	40.70 2.87 -0.01
GOWANUS_GT1_4 24080	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.69 1.81 0.00	36.52 1.97 0.00	49.09 3.47 0.00	105.11 4.10 -53.27	109.49 4.01 -57.75	48.58 3.56 0.00	50.32 3.90 0.00	48.27 3.62 0.00	45.99 3.64 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.32 3.74 -0.06	52.77 4.39 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.46 4.29 -64.03	93.30 3.66 -48.92	91.92 3.39 -49.06	41.43 3.27 -0.08	40.70 2.87 -0.01
GOWANUS_GT1_5 24084	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.69 1.81 0.00	36.52 1.97 0.00	49.09 3.47 0.00	105.11 4.10 -53.27	109.49 4.01 -57.75	48.58 3.56 0.00	50.32 3.90 0.00	48.27 3.62 0.00	45.99 3.64 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.32 3.74 -0.06	52.77 4.39 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.46 4.29 -64.03	93.30 3.66 -48.92	91.92 3.39 -49.06	41.43 3.27 -0.08	40.70 2.87 -0.01
GOWANUS_GT1_6 24111	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.69 1.81 0.00	36.52 1.97 0.00	49.09 3.47 0.00	105.11 4.10 -53.27	109.49 4.01 -57.75	48.58 3.56 0.00	50.32 3.90 0.00	48.27 3.62 0.00	45.99 3.64 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.32 3.74 -0.06	52.77 4.39 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.46 4.29 -64.03	93.30 3.66 -48.92	91.92 3.39 -49.06	41.43 3.27 -0.08	40.70 2.87 -0.01
GOWANUS_GT1_7 24112	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.69 1.81 0.00	36.52 1.97 0.00	49.09 3.47 0.00	105.11 4.10 -53.27	109.49 4.01 -57.75	48.58 3.56 0.00	50.32 3.90 0.00	48.27 3.62 0.00	45.99 3.64 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.32 3.74 -0.06	52.77 4.39 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.46 4.29 -64.03	93.30 3.66 -48.92	91.92 3.39 -49.06	41.43 3.27 -0.08	40.70 2.87 -0.01
GOWANUS_GT1_8 24113	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.69 1.81 0.00	36.52 1.97 0.00	49.09 3.47 0.00	105.11 4.10 -53.27	109.49 4.01 -57.75	48.58 3.56 0.00	50.32 3.90 0.00	48.27 3.62 0.00	45.99 3.64 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.32 3.74 -0.06	52.77 4.39 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.46 4.29 -64.03	93.30 3.66 -48.92	91.92 3.39 -49.06	41.43 3.27 -0.08	40.70 2.87 -0.01
GOWANUS_GT2_1 24114	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.68 1.81 0.00	36.56 2.00 0.00	49.05 3.42 0.00	105.11 4.11 -53.27	109.53 4.05 -57.75	48.49 3.47 0.00	50.28 3.85 0.00	48.22 3.57 0.00	46.03 3.68 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.28 3.70 -0.06	52.67 4.29 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.51 4.33 -64.03	93.30 3.67 -48.92	91.92 3.39 -49.06	41.39 3.23 -0.08	41.03 3.21 -0.01
GOWANUS_GT2_2 24115	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.68 1.81 0.00	36.56 2.00 0.00	49.05 3.42 0.00	105.11 4.11 -53.27	109.53 4.05 -57.75	48.49 3.47 0.00	50.28 3.85 0.00	48.22 3.57 0.00	46.03 3.68 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.28 3.70 -0.06	52.67 4.29 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.51 4.33 -64.03	93.30 3.67 -48.92	91.92 3.39 -49.06	41.39 3.23 -0.08	41.03 3.21 -0.01
GOWANUS_GT2_3 24116	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.68 1.81 0.00	36.56 2.00 0.00	49.05 3.42 0.00	105.11 4.11 -53.27	109.53 4.05 -57.75	48.49 3.47 0.00	50.28 3.85 0.00	48.22 3.57 0.00	46.03 3.68 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.28 3.70 -0.06	52.67 4.29 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.51 4.33 -64.03	93.30 3.67 -48.92	91.92 3.39 -49.06	41.39 3.23 -0.08	41.03 3.21 -0.01
GOWANUS_GT2_4 24117	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.68 1.81 0.00	36.56 2.00 0.00	49.05 3.42 0.00	105.11 4.11 -53.27	109.53 4.05 -57.75	48.49 3.47 0.00	50.28 3.85 0.00	48.22 3.57 0.00	46.03 3.68 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.28 3.70 -0.06	52.67 4.29 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.51 4.33 -64.03	93.30 3.67 -48.92	91.92 3.39 -49.06	41.39 3.23 -0.08	41.03 3.21 -0.01

GOWANUS_GT2_5 24118	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.68 1.81 0.00	36.56 2.00 0.00	49.05 3.42 0.00	105.11 4.11 -53.27	109.53 4.05 -57.75	48.49 3.47 0.00	50.28 3.85 0.00	48.22 3.57 0.00	46.03 3.68 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.28 3.70 -0.06	52.67 4.29 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.51 4.33 -64.03	93.30 3.67 -48.92	91.92 3.39 -49.06	41.39 3.23 -0.08	41.03 3.21 -0.01
GOWANUS_GT2_6 24119	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.68 1.81 0.00	36.56 2.00 0.00	49.05 3.42 0.00	105.11 4.11 -53.27	109.53 4.05 -57.75	48.49 3.47 0.00	50.28 3.85 0.00	48.22 3.57 0.00	46.03 3.68 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.28 3.70 -0.06	52.67 4.29 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.51 4.33 -64.03	93.30 3.67 -48.92	91.92 3.39 -49.06	41.39 3.23 -0.08	41.03 3.21 -0.01
GOWANUS_GT2_7 24120	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.68 1.81 0.00	36.56 2.00 0.00	49.05 3.42 0.00	105.11 4.11 -53.27	109.53 4.05 -57.75	48.49 3.47 0.00	50.28 3.85 0.00	48.22 3.57 0.00	46.03 3.68 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.28 3.70 -0.06	52.67 4.29 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.51 4.33 -64.03	93.30 3.67 -48.92	91.92 3.39 -49.06	41.39 3.23 -0.08	41.03 3.21 -0.01
GOWANUS_GT2_8 24121	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.68 1.81 0.00	36.56 2.00 0.00	49.05 3.42 0.00	105.11 4.11 -53.27	109.53 4.05 -57.75	48.49 3.47 0.00	50.28 3.85 0.00	48.22 3.57 0.00	46.03 3.68 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.28 3.70 -0.06	52.67 4.29 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.51 4.33 -64.03	93.30 3.67 -48.92	91.92 3.39 -49.06	41.39 3.23 -0.08	41.03 3.21 -0.01
GOWANUS_GT3_1 24122	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.68 1.81 0.00	36.56 2.00 0.00	49.05 3.42 0.00	105.11 4.11 -53.27	109.53 4.05 -57.75	48.49 3.47 0.00	50.28 3.85 0.00	48.22 3.57 0.00	46.03 3.68 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.28 3.70 -0.06	52.67 4.29 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.51 4.33 -64.03	93.30 3.67 -48.92	91.92 3.39 -49.06	41.39 3.23 -0.08	41.03 3.21 -0.01
GOWANUS_GT3_2 24123	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.68 1.81 0.00	36.56 2.00 0.00	49.05 3.42 0.00	105.11 4.11 -53.27	109.53 4.05 -57.75	48.49 3.47 0.00	50.28 3.85 0.00	48.22 3.57 0.00	46.03 3.68 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.28 3.70 -0.06	52.67 4.29 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.51 4.33 -64.03	93.30 3.67 -48.92	91.92 3.39 -49.06	41.39 3.23 -0.08	41.03 3.21 -0.01
GOWANUS_GT3_3 24124	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.68 1.81 0.00	36.56 2.00 0.00	49.05 3.42 0.00	105.11 4.11 -53.27	109.53 4.05 -57.75	48.49 3.47 0.00	50.28 3.85 0.00	48.22 3.57 0.00	46.03 3.68 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.28 3.70 -0.06	52.67 4.29 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.51 4.33 -64.03	93.30 3.67 -48.92	91.92 3.39 -49.06	41.39 3.23 -0.08	41.03 3.21 -0.01
GOWANUS_GT3_4 24125	39.44 2.02 0.00	36.43 1.83 0.00																						

GOWANUS_GT4_4 24133	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.69 1.81 0.00	36.52 1.97 0.00	49.09 3.47 0.00	105.11 4.10 -53.27	109.49 4.01 -57.75	48.58 3.56 0.00	50.32 3.90 0.00	48.27 3.62 0.00	45.99 3.64 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.32 3.74 -0.06	52.77 4.39 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.46 4.29 -64.03	93.30 3.66 -48.92	91.92 3.39 -49.06	41.43 3.27 -0.08	40.70 2.87 -0.01
GOWANUS_GT4_5 24134	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.69 1.81 0.00	36.52 1.97 0.00	49.09 3.47 0.00	105.11 4.10 -53.27	109.49 4.01 -57.75	48.58 3.56 0.00	50.32 3.90 0.00	48.27 3.62 0.00	45.99 3.64 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.32 3.74 -0.06	52.77 4.39 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.46 4.29 -64.03	93.30 3.66 -48.92	91.92 3.39 -49.06	41.43 3.27 -0.08	40.70 2.87 -0.01
GOWANUS_GT4_6 24135	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.69 1.81 0.00	36.52 1.97 0.00	49.09 3.47 0.00	105.11 4.10 -53.27	109.49 4.01 -57.75	48.58 3.56 0.00	50.32 3.90 0.00	48.27 3.62 0.00	45.99 3.64 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.32 3.74 -0.06	52.77 4.39 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.46 4.29 -64.03	93.30 3.66 -48.92	91.92 3.39 -49.06	41.43 3.27 -0.08	40.70 2.87 -0.01
GOWANUS_GT4_7 24136	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.69 1.81 0.00	36.52 1.97 0.00	49.09 3.47 0.00	105.11 4.10 -53.27	109.49 4.01 -57.75	48.58 3.56 0.00	50.32 3.90 0.00	48.27 3.62 0.00	45.99 3.64 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.32 3.74 -0.06	52.77 4.39 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.46 4.29 -64.03	93.30 3.66 -48.92	91.92 3.39 -49.06	41.43 3.27 -0.08	40.70 2.87 -0.01
GOWANUS_GT4_8 24137	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.69 1.81 0.00	36.52 1.97 0.00	49.09 3.47 0.00	105.11 4.10 -53.27	109.49 4.01 -57.75	48.58 3.56 0.00	50.32 3.90 0.00	48.27 3.62 0.00	45.99 3.64 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.32 3.74 -0.06	52.77 4.39 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.46 4.29 -64.03	93.30 3.66 -48.92	91.92 3.39 -49.06	41.43 3.27 -0.08	40.70 2.87 -0.01
GREENBSH_115KV_TB3 55895	38.77 1.35 0.00	35.81 1.21 0.00	34.78 1.18 0.00	34.75 1.18 0.00	34.03 1.15 0.00	35.87 1.31 0.00	47.59 1.96 0.00	50.42 2.05 -0.64	49.83 2.10 0.00	46.96 1.94 0.00	48.14 1.72 0.00	46.26 1.61 0.00	43.78 1.48 0.00	43.88 1.48 0.00	43.58 1.51 0.00	45.09 1.57 0.00	50.10 1.83 -0.03	62.41 1.83 -9.70	61.06 1.93 -8.25	53.34 1.79 -4.40	47.64 1.55 -5.38	42.70 1.82 -1.42	39.93 1.79 -0.07	39.28 1.47 0.00
GREENDGE_115KV_TB5 80291	36.63 -0.79 0.00	33.94 -0.66 0.00	32.96 -0.64 0.00	33.00 -0.57 0.00	32.35 -0.53 0.00	34.28 -0.28 0.00	45.12 -0.50 0.00	47.07 -0.76 -0.10	47.01 -0.72 0.00	44.30 -0.72 0.00	45.40 -1.02 0.00	43.76 -0.89 0.00	41.32 -0.97 0.00	41.59 -0.81 0.00	41.14 -0.93 0.00	42.51 -0.96 0.06	47.45 -0.96 -0.18	49.42 -0.76 0.70	51.25 -0.66 -1.03	46.08 -0.85 0.22	39.34 -0.90 0.48	38.74 -0.67 0.05	37.40 -0.69 -0.01	36.90 -0.91 0.00
GREENIDGE___3 23582	36.63 -0.79 0.00	33.94 -0.66 0.00	32.96 -0.64 0.00	33.00 -0.57 0.00	32.35 -0.53 0.00	34.28 -0.28 0.00	45.12 -0.50 0.00	47.07 -0.76 -0.10	47.01 -0.72 0.00	44.30 -0.72 0.00	45.40 -1.02 0.00	43.76 -0.89 0.00	41.32 -0.97 0.00	41.59 -0.81 0.00	41.14 -0.93 0.00	42.51 -0.96 0.06	47.45 -0.96 -0.18	49.42 -0.76 0.70	51.25 -0.66 -1.03	46.08 -0.85 0.22	39.34 -0.90 0.48	38.74 -0.67 0.05	37.40 -0.69 -0.01	36.90 -0.91 0.00
GREENIDGE___4 23583	36.63 -0.79 0.00	33.94 -0.66 0.00	33.00 -0.60 0.00	33.00 -0.57 0.00	32.35 -0.53 0.00	34.28 -0.28 0.00	45.17 -0.46 0.00	47.07 -0.77 -0.10	46.92 -0.81 0.00	44.30 -0.72 0.00	45.50 -0.93 0.00	43.80 -0.85 0.00	41.32 -0.97 0.00	41.59 -0.81 0.00	41.14 -0.93 0.00	42.55 -0.92 0.06	47.45 -0.96 -0.18	49.42 -0.76 0.70	51.24 -0.66 -1.03	46.13 -0.80 0.22	39.38 -0.86 0.48	38.74 -0.67 0.05	37.24 -0.84 -0.01	37.05 -0.76 0.00
GREENLWN_69_KV_BK 3 55738	40.17 2.17 -0.58	39.01 1.97 -2.44	37.92 1.98 -2.34	35.89 1.98 -0.33	37.47 1.94 -2.66	45.26 2.18 -8.52	60.16 3.74 -10.79	69.70 4.20 -17.77	64.17 4.15 -12.29	60.29 3.83 -11.44	62.75 3.95 -12.38	61.67 3.75 -13.27	61.49 3.72 -15.47	62.73 3.56 -16.77	63.60 3.49 -18.05	66.29 3.44 -19.32	62.85 4.29 -10.32	77.34 4.48 -21.99	77.33 4.43 -22.03	65.85 4.01 -14.70	70.65 3.38 -26.56	68.99 3.12 -26.41	58.44 3.35 -17.02	50.67 2.87 -9.98
GREENWD_138_KV_38B11_REV_LBMP_J 345004	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.69 1.81 0.00	36.52 1.97 0.00	49.09 3.47 0.00	105.11 4.10 -53.27	109.49 4.01 -57.75	48.58 3.56 0.00	50.32 3.90 0.00	48.27 3.62 0.00	45.99 3.64 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.32 3.74 -0.06	52.77 4.39 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.46 4.29 -64.03	93.30 3.66 -48.92	91.92 3.39 -49.06	41.43 3.27 -0.08	40.70 2.87 -0.01
GRISSOM___SOLAR 323813	41.68 4.26 0.00	38.51 3.91 0.00	37.36 3.76 0.00	37.36 3.79 0.00	36.59 3.71 0.00	38.84 4.28 0.00	51.88 6.25 0.00	54.99 6.54 -0.72	54.27 6.54 0.00	50.74 5.72 0.00	52.23 5.80 0.00	49.65 5.00 0.00	46.86 4.57 0.00	47.27 4.87 0.00	47.15 5.09 0.00	48.96 5.44 0.00	54.74 6.47 -0.04	68.86 6.97 -11.01	67.42 7.18 -9.37	58.69 6.55 -4.99	52.31 5.49 -6.10	45.93 4.85 -1.61	42.79 4.64 -0.08	41.93 4.12 0.00
GROVEVILLE___HYD 323602	39.18 1.76 0.00	36.19 1.59 0.00	35.15 1.55 0.00	35.12 1.54 0.00	34.36 1.48 0.00	36.21 1.66 0.00	48.50 2.87 0.00	51.50 3.25 -0.52	50.97 3.25 0.00	47.95 2.93 0.00	49.54 3.11 0.00	47.60 2.95 0.00	45.09 2.79 0.00	45.16 2.76 0.00	44.84 2.78 0.00	46.40 2.87 0.00	51.73 3.47 -0.03	62.67 3.82 -7.98	61.38 3.71 -6.79	54.16 3.39 -3.62	48.03 2.89 -4.42	43.28 2.64 -1.17	40.72 2.59 -0.05	39.93 2.12 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	36.67 -0.75 0.00	33.91 -0.69 0.00	32.93 -0.67 0.00	32.93 -0.64 0.00	32.25 -0.62 0.00	34.07 -0.48 0.00	45.12 -0.50 0.00	47.21 -0.57 -0.05	47.20 -0.53 0.00	44.48 -0.54 0.00	45.82 -0.60 0.00	44.07 -0.58 0.00	41.70 -0.59 0.00	41.85 -0.55 0.00	41.51 -0.55 0.00	42.96 -0.57 0.00	47.95 -0.63 -0.34	51.17 -0.51 -0.80	52.51 -0.51 -2.14	47.21 -0.57 -0.63	40.63 -0.53 -0.45	39.07 -0.51 -0.12	37.51 -0.57 -0.01	37.09 -0.72 0.00
HAMLTNNY_34_KV_TB 80303	36.63 -0.79 0.00	33.87 -0.73 0.00	32.89 -0.71 0.00	32.90 -0.67 0.00	32.25 -0.62 0.00	34.07 -0.48 0.00	45.12 -0.50 0.00	47.22 -0.57 -0.06	47.20 -0.53 0.00	44.53 -0.50 0.00	45.78 -0.65 0.00	44.07 -0.58 0.00	41.70 -0.59 0.00	41.85 -0.55 0.00	41.47 -0.59 0.00	42.96 -0.57 0.00	48.00 -0.63 -0.39	51.22 -0.51 -0.85	52.86 -0.51 -2.49	47.26 -0.57 -0.68	40.62 -0.57 -0.47	39.08 -0.51 -0.12	37.51 -0.57 -0.01	37.05 -0.76 0.00

HAMPSHIRE___PAPER_HYD 323593	37.23 -0.19 0.00	34.46 -0.14 0.00	33.40 -0.20 0.00	33.34 -0.23 0.00	32.58 -0.30 0.00	33.97 -0.59 0.00	44.76 -0.87 0.00	46.98 -0.77 0.00	46.96 -0.77 0.00	44.66 -0.36 0.00	45.82 -0.60 0.00	44.07 -0.58 0.00	41.74 -0.55 0.00	41.85 -0.55 0.00	41.51 -0.55 0.00	43.05 -0.48 0.00	47.71 -0.53 0.00	50.38 -0.71 -0.22	50.35 -0.71 -0.18	46.21 -1.04 -0.10	39.78 -1.06 -0.12	38.63 -0.87 -0.03	37.31 -0.76 0.00	37.09 -0.72 0.00
HARDSCRABBLE_WT_PWR 323673	37.68 0.26 0.00	34.84 0.24 0.00	33.84 0.24 0.00	33.81 0.24 0.00	33.14 0.26 0.00	34.86 0.31 0.00	46.26 0.64 0.00	48.40 0.67 0.00	48.40 0.67 0.00	45.61 0.58 0.00	47.03 0.60 0.00	45.19 0.54 0.00	42.80 0.51 0.00	42.91 0.51 0.00	42.52 0.46 0.00	43.96 0.44 0.00	48.58 0.34 0.00	51.03 0.15 0.00	50.93 0.05 0.00	47.10 -0.05 0.00	40.76 0.04 0.00	39.58 0.12 0.00	38.26 0.19 0.00	37.96 0.15 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	38.80 1.38 0.00	35.88 1.28 0.00	34.88 1.28 0.00	34.85 1.28 0.00	34.09 1.22 0.00	35.97 1.42 0.00	48.18 2.56 0.00	51.08 2.86 -0.49	50.54 2.82 0.00	47.55 2.52 0.00	49.12 2.69 0.00	47.20 2.55 0.00	44.75 2.45 0.00	44.82 2.42 0.00	44.50 2.44 0.00	46.05 2.52 0.00	51.30 3.04 -0.02	61.71 3.41 -7.42	60.45 3.26 -6.31	53.48 2.97 -3.36	47.35 2.52 -4.11	42.88 2.33 -1.09	40.37 2.25 -0.05	39.62 1.81 0.00
HARSNRAD_115KV_TB1 81005	32.93 -4.49 0.00	30.62 -3.98 0.00	29.80 -3.80 0.00	29.95 -3.63 0.00	29.36 -3.52 0.00	30.89 -3.66 0.00	40.20 -5.43 0.00	41.16 -6.63 -0.07	41.38 -6.35 0.00	39.17 -5.85 0.00	39.88 -6.55 0.00	38.80 -5.85 0.00	36.71 -5.58 0.00	37.10 -5.30 0.00	36.59 -5.47 0.00	37.72 -5.79 0.02	39.79 -6.66 1.79	44.67 -6.67 -0.45	41.81 -6.51 2.56	39.70 -6.27 1.18	35.48 -5.46 -0.22	34.42 -5.13 -0.08	33.47 -4.61 -0.01	33.08 -4.73 0.00
HARZA MOOSE___RIVER 24016	37.79 0.37 0.00	34.94 0.35 0.00	33.90 0.30 0.00	33.87 0.30 0.00	33.17 0.30 0.00	34.97 0.41 0.00	46.54 0.91 0.00	48.85 1.10 -0.02	48.78 1.05 0.00	46.10 1.08 0.00	47.35 0.93 0.00	45.50 0.85 0.00	43.14 0.85 0.00	43.25 0.85 0.00	42.90 0.84 0.00	44.48 0.96 0.00	49.35 1.11 0.00	52.44 1.27 -0.29	52.34 1.22 -0.24	47.94 0.66 -0.13	41.24 0.37 -0.16	39.82 0.32 -0.04	38.34 0.27 0.00	37.88 0.08 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	36.30 -1.12 0.00	33.56 -1.04 0.00	32.63 -0.97 0.00	32.60 -0.97 0.00	31.96 -0.92 0.00	33.73 -0.83 0.00	44.67 -0.96 0.00	46.78 -1.00 -0.05	46.77 -0.95 0.00	44.12 -0.90 0.00	45.40 -1.02 0.00	43.67 -0.98 0.00	41.36 -0.93 0.00	41.51 -0.89 0.00	41.14 -0.93 0.00	42.57 -0.96 0.00	47.22 -1.01 0.00	50.64 -0.97 -0.73	50.98 -0.97 -1.07	46.49 -0.99 -0.33	40.18 -0.94 -0.40	38.70 -0.87 -0.11	37.16 -0.91 -0.01	36.75 -1.06 0.00
HELLGATE_13_KV_LD 55870	39.33 1.91 0.00	36.33 1.73 0.00	35.31 1.71 0.00	35.25 1.68 0.00	34.62 1.74 0.00	36.42 1.87 0.00	48.86 3.24 0.00	52.11 3.87 -0.52	53.64 3.82 -2.10	48.45 3.42 0.00	50.14 3.71 0.00	48.18 3.53 0.00	45.81 3.51 0.00	45.88 3.48 0.00	48.25 3.49 -2.70	47.09 3.57 0.00	52.52 4.24 -0.04	67.87 4.58 -12.41	65.67 4.48 -10.32	57.06 4.15 -5.76	48.54 3.46 -4.36	43.85 3.24 -1.15	41.22 3.08 -0.07	40.50 2.68 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	39.33 1.91 0.00	36.33 1.73 0.00	35.31 1.71 0.00	35.25 1.68 0.00	34.62 1.74 0.00	36.42 1.87 0.00	48.86 3.24 0.00	52.11 3.87 -0.52	53.64 3.82 -2.10	48.45 3.42 0.00	50.14 3.71 0.00	48.18 3.53 0.00	45.81 3.51 0.00	45.88 3.48 0.00	48.25 3.49 -2.70	47.09 3.57 0.00	52.52 4.24 -0.04	67.87 4.58 -12.41	65.67 4.48 -10.32	57.06 4.15 -5.76	48.54 3.46 -4.36	43.85 3.24 -1.15	41.22 3.08 -0.07	40.50 2.68 -0.01
HEMPSTEAD____ 23647	40.25 2.24 -0.58	39.08 2.04 -2.44	37.95 2.02 -2.34	35.95 2.05 -0.33	37.54 2.01 -2.66	45.36 2.28 -8.52	60.16 3.74 -10.79	69.70 4.20 -17.77	64.16 4.15 -12.29	60.20 3.73 -11.44	62.84 4.04 -12.38	61.71 3.79 -13.26	61.53 3.76 -15.47	62.90 3.73 -16.77	63.85 3.74 -18.05	66.63 3.78 -19.32	62.99 4.43 -10.32	77.75 4.88 -21.99	77.74 4.84 -22.03	66.28 4.43 -14.70	70.97 3.70 -26.56	69.35 3.47 -26.41	58.39 3.31 -17.01	50.93 3.14 -9.98
HEWLETT__69_KV_BK3 55828	40.40 2.39 -0.58	39.22 2.18 -2.44	38.09 2.15 -2.34	36.06 2.15 -0.33	37.67 2.14 -2.66	45.46 2.38 -8.52	60.07 3.65 -10.79	69.65 4.15 -17.77	64.07 4.06 -12.29	60.20 3.74 -11.44	62.79 3.99 -12.38	61.71 3.80 -13.26	61.45 3.68 -15.47	62.86 3.69 -16.77	63.77 3.66 -18.05	66.59 3.74 -19.32	63.04 4.49 -10.32	77.55 4.68 -21.99	77.48 4.58 -22.03	66.09 4.24 -14.70	70.81 3.54 -26.56	69.15 3.28 -26.41	58.39 3.31 -17.01	50.77 2.99 -9.98
HICKLING___1 23621	36.56 -0.86 0.00	33.87 -0.73 0.00	32.96 -0.64 0.00	33.00 -0.57 0.00	32.35 -0.53 0.00	34.21 -0.35 0.00	45.12 -0.50 0.00	46.86 -1.00 -0.13	46.82 -0.91 0.00	44.17 -0.86 0.00	45.22 -1.21 0.00	43.71 -0.94 0.00	41.28 -1.02 0.00	41.51 -0.89 0.00	41.09 -0.97 0.00	42.42 -1.04 0.06	44.70 -1.01 2.52	49.69 -0.97 0.22	45.43 -0.81 4.64	44.17 -0.90 2.08	39.56 -0.94 0.21	38.46 -1.03 -0.02	37.21 -0.88 -0.01	36.79 -1.02 0.00
HICKLING___2 23622	36.56 -0.86 0.00	33.87 -0.73 0.00	32.96 -0.64 0.00	33.00 -0.57 0.00	32.35 -0.53 0.00	34.21 -0.35 0.00	45.12 -0.50 0.00	46.86 -1.00 -0.13	46.82 -0.91 0.00	44.17 -0.86 0.00	45.22 -1.21 0.00	43.71 -0.94 0.00	41.28 -1.02 0.00	41.51 -0.89 0.00	41.09 -0.97 0.00	42.42 -1.04 0.06	44.70 -1.01 2.52	49.69 -0.97 0.22	45.43 -0.81 4.64	44.17 -0.90 2.08	39.56 -0.94 0.21	38.46 -1.03 -0.02	37.21 -0.88 -0.01	36.79 -1.02 0.00
HIGH FALLS___HY 23754	38.95 1.53 0.00	35.98 1.38 0.00	34.98 1.38 0.00	34.95 1.38 0.00	34.19 1.32 0.00	36.04 1.49 0.00	48.41 2.78 0.00	51.40 3.15 -0.52	50.83 3.10 0.00	47.77 2.75 0.00	49.44 3.02 0.00	47.51 2.86 0.00	45.04 2.75 0.00	45.11 2.71 0.00	44.80 2.73 0.00	46.35 2.83 0.00	51.73 3.47 -0.03	62.73 3.97 -7.88	61.34 3.77 -6.70	54.06 3.35 -3.57	47.93 2.85 -4.37	43.11 2.49 -1.15	40.56 2.44 -0.05	39.77 1.97 0.00
HILLBURN___GT 23639	38.76 1.35 0.00	35.84 1.24 0.00	34.84 1.24 0.00	34.81 1.24 0.00	34.10 1.22 0.00	36.01 1.45 0.00	48.22 2.60 0.00	51.19 2.96 -0.49	50.64 2.91 0.00	47.54 2.52 0.00	49.21 2.79 0.00	47.28 2.63 0.00	44.88 2.58 0.00	44.94 2.54 0.00	44.63 2.57 0.00	46.09 2.57 0.00	51.30 3.04 -0.02	61.81 3.41 -7.52	60.63 3.36 -6.39	53.62 3.06 -3.41	47.49 2.61 -4.17	42.97 2.41 -1.10	40.45 2.32 -0.05	40.04 2.23 0.00
HILLSIDE_115KV_TB1 80332	36.18 -1.23 0.00	33.52 -1.07 0.00	32.63 -0.97 0.00	32.67 -0.91 0.00	32.02 -0.85 0.00	33.83 -0.73 0.00	44.67 -0.96 0.00	46.34 -1.53 -0.13	46.25 -1.48 0.00	43.67 -1.35 0.00	44.75 -1.67 0.00	43.22 -1.43 0.00	40.90 -1.40 0.00	41.09 -1.31 0.00	40.67 -1.39 0.00	41.99 -1.48 0.06	44.38 -1.45 2.41	49.37 -1.48 0.04	45.23 -1.37 4.27	43.92 -1.32 1.91	39.35 -1.26 0.11	38.13 -1.38 -0.04	36.87 -1.22 -0.01	36.48 -1.32 0.00

HISHELDN_WT_PWR 323625	34.09 -3.33 0.00	31.66 -2.94 0.00	30.85 -2.75 0.00	30.95 -2.62 0.00	30.31 -2.56 0.00	32.00 -2.56 0.00	41.93 -3.69 0.00	42.99 -4.82 -0.08	42.86 -4.87 0.00	40.79 -4.23 0.00	41.74 -4.69 0.00	40.45 -4.20 0.00	38.11 -4.19 0.00	38.50 -3.90 0.00	37.98 -4.08 0.00	39.23 -4.26 0.03	41.65 -4.78 1.81	46.29 -4.93 -0.34	43.29 -4.78 2.80	41.32 -4.57 1.26	36.88 -3.99 -0.15	35.51 -4.03 -0.07	34.24 -3.84 -0.01	34.22 -3.59 0.00
HOLTSVILLE_IC_1 23690	40.73 2.73 -0.58	39.56 2.52 -2.44	38.39 2.45 -2.34	36.46 2.55 -0.33	38.00 2.47 -2.66	45.78 2.70 -8.52	60.84 4.42 -10.79	70.27 4.77 -17.77	64.83 4.82 -12.29	60.83 4.37 -11.44	63.82 5.02 -12.38	62.65 4.73 -13.27	62.38 4.61 -15.47	63.75 4.58 -16.77	64.73 4.63 -18.05	67.63 4.79 -19.32	63.62 5.06 -10.32	78.56 5.70 -21.99	78.50 5.60 -22.03	66.98 5.14 -14.70	71.83 4.56 -26.56	70.26 4.38 -26.41	59.08 4.00 -17.02	51.65 3.86 -9.98
HOLTSVILLE_IC_10 23699	40.88 2.88 -0.58	39.74 2.70 -2.44	38.56 2.62 -2.34	36.59 2.69 -0.33	38.16 2.63 -2.66	45.95 2.87 -8.52	61.07 4.66 -10.79	70.55 5.06 -17.77	65.12 5.11 -12.29	61.10 4.64 -11.44	64.09 5.29 -12.38	62.92 5.00 -13.27	62.63 4.86 -15.47	64.04 4.87 -16.77	65.03 4.92 -18.05	67.89 5.05 -19.32	63.91 5.35 -10.32	78.87 6.00 -21.99	78.86 5.95 -22.03	67.26 5.42 -14.70	72.07 4.80 -26.56	70.49 4.62 -26.41	59.27 4.19 -17.02	51.88 4.08 -9.98
HOLTSVILLE_IC_2 23691	40.73 2.73 -0.58	39.56 2.52 -2.44	38.39 2.45 -2.34	36.46 2.55 -0.33	38.00 2.47 -2.66	45.78 2.70 -8.52	60.84 4.42 -10.79	70.27 4.77 -17.77	64.83 4.82 -12.29	60.83 4.37 -11.44	63.82 5.02 -12.38	62.65 4.73 -13.27	62.38 4.61 -15.47	63.75 4.58 -16.77	64.73 4.63 -18.05	67.63 4.79 -19.32	63.62 5.06 -10.32	78.56 5.70 -21.99	78.50 5.60 -22.03	66.98 5.14 -14.70	71.83 4.56 -26.56	70.26 4.38 -26.41	59.08 4.00 -17.02	51.65 3.86 -9.98
HOLTSVILLE_IC_3 23692	40.73 2.73 -0.58	39.56 2.52 -2.44	38.39 2.45 -2.34	36.46 2.55 -0.33	38.00 2.47 -2.66	45.78 2.70 -8.52	60.84 4.42 -10.79	70.27 4.77 -17.77	64.83 4.82 -12.29	60.83 4.37 -11.44	63.82 5.02 -12.38	62.65 4.73 -13.27	62.38 4.61 -15.47	63.75 4.58 -16.77	64.73 4.63 -18.05	67.63 4.79 -19.32	63.62 5.06 -10.32	78.56 5.70 -21.99	78.50 5.60 -22.03	66.98 5.14 -14.70	71.83 4.56 -26.56	70.26 4.38 -26.41	59.08 4.00 -17.02	51.65 3.86 -9.98
HOLTSVILLE_IC_4 23693	40.73 2.73 -0.58	39.56 2.52 -2.44	38.39 2.45 -2.34	36.46 2.55 -0.33	38.00 2.47 -2.66	45.78 2.70 -8.52	60.84 4.42 -10.79	70.27 4.77 -17.77	64.83 4.82 -12.29	60.83 4.37 -11.44	63.82 5.02 -12.38	62.65 4.73 -13.27	62.38 4.61 -15.47	63.75 4.58 -16.77	64.73 4.63 -18.05	67.63 4.79 -19.32	63.62 5.06 -10.32	78.56 5.70 -21.99	78.50 5.60 -22.03	66.98 5.14 -14.70	71.83 4.56 -26.56	70.26 4.38 -26.41	59.08 4.00 -17.02	51.65 3.86 -9.98
HOLTSVILLE_IC_5 23694	40.73 2.73 -0.58	39.56 2.52 -2.44	38.39 2.45 -2.34	36.46 2.55 -0.33	38.00 2.47 -2.66	45.78 2.70 -8.52	60.84 4.42 -10.79	70.27 4.77 -17.77	64.83 4.82 -12.29	60.83 4.37 -11.44	63.82 5.02 -12.38	62.65 4.73 -13.27	62.38 4.61 -15.47	63.75 4.58 -16.77	64.73 4.63 -18.05	67.63 4.79 -19.32	63.62 5.06 -10.32	78.56 5.70 -21.99	78.50 5.60 -22.03	66.98 5.14 -14.70	71.83 4.56 -26.56	70.26 4.38 -26.41	59.08 4.00 -17.02	51.65 3.86 -9.98
HOLTSVILLE_IC_6 23695	40.88 2.88 -0.58	39.74 2.70 -2.44	38.56 2.62 -2.34	36.59 2.69 -0.33	38.16 2.63 -2.66	45.95 2.87 -8.52	61.07 4.66 -10.79	70.55 5.06 -17.77	65.12 5.11 -12.29	61.10 4.64 -11.44	64.09 5.29 -12.38	62.92 5.00 -13.27	62.63 4.86 -15.47	64.04 4.87 -16.77	65.03 4.92 -18.05	67.89 5.05 -19.32	63.91 5.35 -10.32	78.87 6.00 -21.99	78.86 5.95 -22.03	67.26 5.42 -14.70	72.07 4.80 -26.56	70.49 4.62 -26.41	59.27 4.19 -17.02	51.88 4.08 -9.98
HOLTSVILLE_IC_7 23696	40.88 2.88 -0.58	39.74 2.70 -2.44	38.56 2.62 -2.34	36.59 2.69 -0.33	38.16 2.63 -2.66	45.95 2.87 -8.52	61.07 4.66 -10.79	70.55 5.06 -17.77	65.12 5.11 -12.29	61.10 4.64 -11.44	64.09 5.29 -12.38	62.92 5.00 -13.27	62.63 4.86 -15.47	64.04 4.87 -16.77	65.03 4.92 -18.05	67.89 5.05 -19.32	63.91 5.35 -10.32	78.87 6.00 -21.99	78.86 5.95 -22.03	67.26 5.42 -14.70	72.07 4.80 -26.56	70.49 4.62 -26.41	59.27 4.19 -17.02	51.88 4.08 -9.98
HOLTSVILLE_IC_8 23697	40.88 2.88 -0.58	39.74 2.70 -2.44	38.56 2.62 -2.34	36.59 2.69 -0.33	38.16 2.63 -2.66	45.95 2.87 -8.52	61.07 4.66 -10.79	70.55 5.06 -17.77	65.12 5.11 -12.29	61.10 4.64 -11.44	64.09 5.29 -12.38	62.92 5.00 -13.27	62.63 4.86 -15.47	64.04 4.87 -16.77	65.03 4.92 -18.05	67.89 5.05 -19.32	63.91 5.35 -10.32	78.87 6.00 -21.99	78.86 5.95 -22.03	67.26 5.42 -14.70	72.07 4.80 -26.56	70.49 4.62 -26.41	59.27 4.19 -17.02	51.88 4.08 -9.98
HOLTSVILLE_IC_9 23698	40.88 2.88 -0.58	39.74 2.70 -2.44	38.56 2.62 -2.34	36.59 2.69 -0.33	38.16 2.63 -2.66	45.95 2.87 -8.52	61.07 4.66 -10.79	70.55 5.06 -17.77	65.12 5.11 -12.29	61.10 4.64 -11.44	64.09 5.29 -12.38	62.92 5.00 -13.27	62.63 4.86 -15.47	64.04 4.87 -16.77	65.03 4.92 -18.05	67.89 5.05 -19.32	63.91 5.35 -10.32	78.87 6.00 -21.99	78.86 5.95 -22.03	67.26 5.42 -14.70	72.07 4.80 -26.56	70.49 4.62 -26.41	59.27 4.19 -17.02	51.88 4.08 -9.98
HOMER_HL_115KV_TB2 355744	34.76 -2.66 0.00	32.35 -2.25 0.00	31.55 -2.05 0.00	31.62 -1.95 0.00	31.04 -1.84 0.00	32.69 -1.87 0.00	42.29 -3.33 0.00	43.38 -4.44 -0.08	43.48 -4.25 0.00	41.15 -3.87 0.00	41.83 -4.60 0.00	40.72 -3.93 0.00	38.53 -3.76 0.00	38.80 -3.60 0.00	38.32 -3.74 0.00	39.49 -4.00 0.03	42.73 -3.71 1.79	46.54 -4.73 -0.40	44.09 -4.12 2.67	42.49 -3.44 1.21	37.52 -3.38 -0.18	35.84 -3.71 -0.08	35.23 -2.86 -0.01	34.86 -2.95 0.00
HOWARD_WT_PWR 323690	36.22 -1.20 0.00	33.59 -1.00 0.00	32.69 -0.91 0.00	32.70 -0.87 0.00	32.09 -0.79 0.00	34.00 -0.55 0.00	44.81 -0.82 0.00	46.35 -1.48 -0.10	46.20 -1.53 0.00	43.76 -1.26 0.00	44.85 -1.58 0.00	43.27 -1.38 0.00	40.69 -1.61 0.00	41.00 -1.40 0.00	40.55 -1.51 0.00	41.86 -1.61 0.05	44.22 -1.69 2.33	48.76 -1.68 0.44	45.04 -1.48 4.36	43.47 -1.65 2.03	38.76 -1.63 0.33	37.71 -1.74 0.02	36.22 -1.86 -0.01	36.22 -1.59 0.00
HQ_GEN_CEDARS 23644	38.13 0.71 0.00	35.29 0.69 0.00	34.20 0.60 0.00	34.11 0.54 0.00	33.34 0.46 0.00	34.73 0.17 0.00	45.35 -0.27 0.00	47.49 -0.24 0.00	47.49 -0.24 0.00	45.02 0.00 0.00	46.47 0.05 0.00	44.65 0.00 0.00	42.30 0.00 0.00	42.40 0.00 0.00	42.02 -0.04 0.00	43.52 0.00 0.00	48.04 -0.19 0.00	50.57 -0.31 0.00	50.57 -0.31 0.00	46.86 -0.28 0.00	40.51 -0.20 0.00	39.31 -0.16 0.00	38.00 -0.08 0.00	38.19 0.38 0.00
HQ_GEN_CEDARS_PROXY 323590	38.13 0.71 0.00	35.29 0.69 0.00	34.21 0.61 0.00	34.11 0.54 0.00	33.34 0.46 0.00	36.38 0.17 -1.65	43.70 -0.27 1.65	47.49 -0.24 0.00	47.49 -0.24 0.00	45.07 0.05 0.00	46.38 -0.05 0.00	44.65 0.00 0.00	42.30 0.00 0.00	42.40 0.00 0.00	42.02 -0.04 0.00	43.52 0.00 0.00	48.09 -0.14 0.00	50.58 -0.30 0.00	50.53 -0.35 0.00	46.86 -0.28 0.00	40.43 -0.28 0.00	39.31 -0.16 0.00	38.03 -0.04 0.00	37.88 0.08 0.00

HQ_GEN_IMPORT 323601	37.72 0.30 0.00	34.87 0.28 0.00	33.87 0.27 0.00	33.81 0.24 0.00	33.11 0.23 0.00	37.75 0.03 -3.16	42.15 -0.32 3.16	47.40 -0.33 0.00	47.40 -0.33 0.00	44.80 -0.22 0.00	46.15 -0.28 0.00	44.43 -0.22 0.00	42.08 -0.21 0.00	42.19 -0.21 0.00	41.81 -0.25 0.00	43.26 -0.26 0.00	47.90 -0.34 0.00	50.37 -0.51 0.00	50.37 -0.51 0.00	46.77 -0.38 0.00	40.39 -0.33 0.00	39.19 -0.27 0.00	37.79 -0.23 0.06	37.75 -0.11 -0.06
HQ_GEN_WHEEL 23651	37.72 0.30 0.00	34.87 0.28 0.00	33.87 0.27 0.00	33.81 0.24 0.00	33.11 0.23 0.00	37.75 0.03 -3.16	42.15 -0.32 3.16	47.40 -0.33 0.00	47.40 -0.33 0.00	44.80 -0.22 0.00	46.15 -0.28 0.00	44.43 -0.22 0.00	42.08 -0.21 0.00	42.19 -0.21 0.00	41.81 -0.25 0.00	43.26 -0.26 0.00	47.90 -0.34 0.00	50.37 -0.51 0.00	50.37 -0.51 0.00	46.77 -0.38 0.00	40.39 -0.33 0.00	39.19 -0.27 0.00	37.79 -0.23 0.06	37.75 -0.11 -0.06
HUDSON AVE_GT_3 23810	39.18 1.76 0.00	36.19 1.59 0.00	35.18 1.58 0.00	35.15 1.58 0.00	34.46 1.58 0.00	36.35 1.80 0.00	48.82 3.19 0.00	51.97 3.72 -0.52	51.36 3.63 0.00	48.36 3.33 0.00	50.09 3.67 0.00	48.09 3.44 0.00	45.68 3.38 0.00	45.75 3.35 0.00	45.43 3.36 0.00	46.96 3.44 0.00	52.32 4.05 -0.04	63.14 4.38 -7.89	61.85 4.27 -6.70	54.63 3.91 -3.57	48.38 3.30 -4.36	43.70 3.08 -1.15	41.14 3.01 -0.07	40.31 2.50 -0.01
HUDSON AVE_GT_4 23540	39.18 1.76 0.00	36.19 1.59 0.00	35.18 1.58 0.00	35.15 1.58 0.00	34.46 1.58 0.00	36.35 1.80 0.00	48.82 3.19 0.00	51.97 3.72 -0.52	51.36 3.63 0.00	48.36 3.33 0.00	50.09 3.67 0.00	48.09 3.44 0.00	45.68 3.38 0.00	45.75 3.35 0.00	45.43 3.36 0.00	46.96 3.44 0.00	52.32 4.05 -0.04	63.14 4.38 -7.89	61.85 4.27 -6.70	54.63 3.91 -3.57	48.38 3.30 -4.36	43.70 3.08 -1.15	41.14 3.01 -0.07	40.31 2.50 -0.01
HUDSON AVE_GT_5 23657	39.18 1.76 0.00	36.19 1.59 0.00	35.18 1.58 0.00	35.15 1.58 0.00	34.46 1.58 0.00	36.35 1.80 0.00	48.82 3.19 0.00	51.97 3.72 -0.52	51.36 3.63 0.00	48.36 3.33 0.00	50.09 3.67 0.00	48.09 3.44 0.00	45.68 3.38 0.00	45.75 3.35 0.00	45.43 3.36 0.00	46.96 3.44 0.00	52.32 4.05 -0.04	63.14 4.38 -7.89	61.85 4.27 -6.70	54.63 3.91 -3.57	48.38 3.30 -4.36	43.70 3.08 -1.15	41.14 3.01 -0.07	40.31 2.50 -0.01
HUDSON_AVE_10 24168	39.10 1.68 0.00	36.12 1.52 0.00	35.11 1.51 0.00	35.08 1.51 0.00	34.39 1.51 0.00	36.28 1.73 0.00	48.82 3.19 0.00	51.97 3.72 -0.52	51.40 3.68 0.00	48.36 3.33 0.00	50.05 3.62 0.00	48.09 3.44 0.00	45.64 3.34 0.00	45.71 3.31 0.00	45.38 3.32 0.00	46.96 3.44 0.00	52.32 4.05 -0.04	63.19 4.43 -7.89	61.90 4.32 -6.70	54.68 3.96 -3.57	48.42 3.34 -4.36	43.70 3.08 -1.15	41.14 3.01 -0.07	40.27 2.46 -0.01
HUDSON___115KV_TB 4 355613	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.55 1.68 0.00	36.42 1.87 0.00	48.23 2.60 0.00	50.98 2.63 -0.62	50.35 2.63 0.00	47.41 2.39 0.00	48.56 2.14 0.00	46.66 2.01 0.00	43.99 1.69 0.00	44.14 1.74 0.00	43.83 1.77 0.00	45.40 1.87 0.00	50.53 2.27 -0.03	62.58 2.24 -9.47	61.32 2.39 -8.05	53.70 2.26 -4.29	47.87 1.91 -5.24	42.90 2.05 -1.39	40.34 2.21 -0.07	39.66 1.85 0.00
HUNTER MOUNT___DRP 323613	39.70 2.28 0.00	36.64 2.04 0.00	35.58 1.98 0.00	35.55 1.98 0.00	34.72 1.84 0.00	36.59 2.04 0.00	48.45 2.83 0.00	51.15 2.82 -0.60	50.59 2.86 0.00	47.55 2.52 0.00	48.61 2.18 0.00	46.66 2.01 0.00	43.94 1.65 0.00	44.10 1.70 0.00	43.79 1.72 0.00	45.40 1.87 0.00	50.58 2.32 -0.03	62.27 2.19 -9.21	61.05 2.34 -7.83	53.49 2.17 -4.17	47.69 1.87 -5.10	42.83 2.01 -1.35	40.42 2.28 -0.06	39.77 1.97 0.00
HUNTINGTON_RES_REC 323705	40.47 2.47 -0.58	39.29 2.25 -2.44	38.15 2.22 -2.34	36.16 2.25 -0.33	37.74 2.20 -2.66	45.53 2.45 -8.52	60.57 4.15 -10.79	70.08 4.58 -17.77	64.60 4.58 -12.29	60.60 4.14 -11.44	63.26 4.46 -12.38	62.11 4.20 -13.27	61.91 4.15 -15.47	63.24 4.07 -16.77	64.15 4.04 -18.05	66.90 4.05 -19.32	63.29 4.73 -10.32	78.00 5.14 -21.99	77.99 5.09 -22.03	66.47 4.62 -14.70	71.26 3.99 -26.56	69.63 3.75 -26.41	58.78 3.69 -17.02	51.35 3.55 -9.98
HUNTLEY___63 23557	33.12 -4.30 0.00	30.79 -3.81 0.00	29.97 -3.63 0.00	30.11 -3.46 0.00	29.49 -3.39 0.00	31.06 -3.49 0.00	40.42 -5.20 0.00	41.45 -6.35 -0.07	41.67 -6.06 0.00	39.44 -5.58 0.00	40.16 -6.27 0.00	39.07 -5.58 0.00	36.97 -5.33 0.00	37.40 -5.00 0.00	36.89 -5.17 0.00	37.98 -5.53 0.02	40.14 -6.32 1.77	44.97 -6.36 -0.45	42.08 -6.26 2.54	39.99 -5.99 1.17	35.72 -5.21 -0.22	34.61 -4.93 -0.08	33.70 -4.38 -0.01	33.27 -4.54 0.00
HUNTLEY___64 23558	33.12 -4.30 0.00	30.79 -3.81 0.00	29.97 -3.63 0.00	30.11 -3.46 0.00	29.49 -3.39 0.00	31.06 -3.49 0.00	40.42 -5.20 0.00	41.45 -6.35 -0.07	41.67 -6.06 0.00	39.44 -5.58 0.00	40.16 -6.27 0.00	39.07 -5.58 0.00	36.97 -5.33 0.00	37.40 -5.00 0.00	36.89 -5.17 0.00	37.98 -5.53 0.02	40.14 -6.32 1.77	44.97 -6.36 -0.45	42.08 -6.26 2.54	39.99 -5.99 1.17	35.72 -5.21 -0.22	34.61 -4.93 -0.08	33.70 -4.38 -0.01	33.27 -4.54 0.00
HUNTLEY___65 23559	33.12 -4.30 0.00	30.79 -3.81 0.00	29.97 -3.63 0.00	30.11 -3.46 0.00	29.49 -3.39 0.00	31.06 -3.49 0.00	40.42 -5.20 0.00	41.45 -6.35 -0.07	41.67 -6.06 0.00	39.44 -5.58 0.00	40.16 -6.27 0.00	39.07 -5.58 0.00	36.97 -5.33 0.00	37.40 -5.00 0.00	36.89 -5.17 0.00	37.98 -5.53 0.02	40.14 -6.32 1.77	44.97 -6.36 -0.45	42.08 -6.26 2.54	39.99 -5.99 1.17	35.72 -5.21 -0.22	34.61 -4.93 -0.08	33.70 -4.38 -0.01	33.27 -4.54 0.00
HUNTLEY___66 23560	33.12 -4.30 0.00	30.79 -3.81 0.00	29.97 -3.63 0.00	30.11 -3.46 0.00	29.49 -3.39 0.00	31.06 -3.49 0.00	40.42 -5.20 0.00	41.45 -6.35 -0.07	41.67 -6.06 0.00	39.44 -5.58 0.00	40.16 -6.27 0.00	39.07 -5.58 0.00	36.97 -5.33 0.00	37.40 -5.00 0.00	36.89 -5.17 0.00	37.98 -5.53 0.02	40.14 -6.32 1.77	44.97 -6.36 -0.45	42.08 -6.26 2.54	39.99 -5.99 1.17	35.72 -5.21 -0.22	34.61 -4.93 -0.08	33.70 -4.38 -0.01	33.27 -4.54 0.00
HUNTLEY___67 23561	33.08 -4.34 0.00	30.79 -3.81 0.00	29.94 -3.66 0.00	30.11 -3.46 0.00	29.49 -3.39 0.00	31.03 -3.52 0.00	40.42 -5.20 0.00	41.40 -6.40 -0.07	41.57 -6.16 0.00	39.35 -5.67 0.00	40.11 -6.31 0.00	39.02 -5.63 0.00	36.92 -5.37 0.00	37.31 -5.09 0.00	36.80 -5.26 0.00	37.89 -5.61 0.02	40.10 -6.37 1.77	44.91 -6.41 -0.45	41.99 -6.36 2.53	39.99 -5.99 1.17	35.68 -5.25 -0.22	34.61 -4.93 -0.08	33.66 -4.42 -0.01	33.27 -4.54 0.00
HUNTLEY___68 23562	33.08 -4.34 0.00	30.79 -3.81 0.00	29.94 -3.66 0.00	30.11 -3.46 0.00	29.49 -3.39 0.00	31.03 -3.52 0.00	40.42 -5.20 0.00	41.40 -6.40 -0.07	41.57 -6.16 0.00	39.35 -5.67 0.00	40.11 -6.31 0.00	39.02 -5.63 0.00	36.92 -5.37 0.00	37.31 -5.09 0.00	36.80 -5.26 0.00	37.89 -5.61 0.02	40.10 -6.37 1.77	44.91 -6.41 -0.45	41.99 -6.36 2.53	39.99 -5.99 1.17	35.68 -5.25 -0.22	34.61 -4.93 -0.08	33.66 -4.42 -0.01	33.27 -4.54 0.00



HYLAND___LFGE 323620	35.47 -1.95 0.00	32.83 -1.76 0.00	31.89 -1.71 0.00	31.89 -1.68 0.00	31.30 -1.58 0.00	33.34 -1.21 0.00	44.21 -1.41 0.00	46.00 -1.81 -0.09	45.96 -1.76 0.00	43.22 -1.80 0.00	44.06 -2.37 0.00	42.42 -2.23 0.00	39.93 -2.37 0.00	40.28 -2.12 0.00	39.87 -2.19 0.00	41.28 -2.22 0.03	44.16 -2.36 1.71	49.01 -2.04 -0.17	46.17 -1.93 2.77	43.63 -2.26 1.26	38.81 -1.95 -0.05	37.46 -2.05 -0.05	35.95 -2.13 -0.01	35.61 -2.19 0.00
INDECK___CORINTH 23802	38.43 1.01 0.00	35.46 0.87 0.00	34.57 0.98 0.00	34.55 0.97 0.00	33.83 0.95 0.00	35.73 1.18 0.00	47.63 2.01 0.00	50.59 2.20 -0.66	50.07 2.34 0.00	47.00 1.98 0.00	48.52 2.09 0.00	46.17 1.52 0.00	43.48 1.18 0.00	43.38 0.98 0.00	43.11 1.05 0.00	44.61 1.09 0.00	49.71 1.45 -0.03	62.49 1.58 -10.03	61.09 1.68 -8.53	53.20 1.51 -4.55	47.49 1.22 -5.56	41.92 0.99 -1.47	39.09 0.95 -0.07	38.49 0.68 0.00
INDECK___ILION 23567	37.72 0.30 0.00	34.87 0.28 0.00	33.87 0.27 0.00	33.84 0.27 0.00	33.14 0.26 0.00	34.90 0.35 0.00	46.31 0.68 0.00	48.50 0.76 0.00	48.44 0.72 0.00	45.65 0.63 0.00	47.08 0.65 0.00	45.23 0.58 0.00	42.89 0.59 0.00	42.95 0.55 0.00	42.61 0.55 0.00	44.09 0.57 0.00	48.86 0.63 0.00	51.49 0.61 0.00	51.44 0.56 0.00	47.62 0.47 0.00	41.12 0.41 0.00	39.86 0.39 0.00	38.49 0.42 0.00	38.11 0.30 0.00
INDECK___OLEAN 23982	34.76 -2.66 0.00	32.35 -2.25 0.00	31.58 -2.02 0.00	31.62 -1.95 0.00	31.04 -1.84 0.00	32.72 -1.83 0.00	42.39 -3.24 0.00	43.38 -4.44 -0.08	43.29 -4.44 0.00	41.20 -3.83 0.00	42.06 -4.37 0.00	40.81 -3.84 0.00	38.49 -3.81 0.00	38.84 -3.56 0.00	38.36 -3.70 0.00	39.54 -3.96 0.03	42.73 -3.71 1.79	46.54 -4.73 -0.40	44.14 -4.07 2.67	42.54 -3.40 1.21	37.35 -3.54 -0.18	35.72 -3.83 -0.08	34.12 -3.96 -0.01	35.05 -2.76 0.00
INDECK___OSWEGO 23783	35.96 -1.46 0.00	33.25 -1.35 0.00	32.29 -1.31 0.00	32.26 -1.31 0.00	31.63 -1.25 0.00	33.34 -1.21 0.00	43.85 -1.78 0.00	45.86 -1.91 -0.04	45.82 -1.91 0.00	43.22 -1.80 0.00	44.52 -1.91 0.00	42.82 -1.83 0.00	40.56 -1.74 0.00	40.66 -1.74 0.00	40.30 -1.76 0.00	41.74 -1.79 0.00	46.26 -1.98 0.00	49.56 -1.93 -0.61	50.18 -1.93 -1.23	45.54 -1.89 -0.28	39.38 -1.67 -0.34	37.94 -1.62 -0.09	36.51 -1.56 0.00	36.48 -1.32 0.00
INDECK___YERKES 23781	33.15 -4.27 0.00	30.83 -3.77 0.00	30.04 -3.56 0.00	30.11 -3.46 0.00	29.52 -3.35 0.00	31.13 -3.42 0.00	40.65 -4.97 0.00	41.50 -6.30 -0.07	41.43 -6.30 0.00	39.53 -5.49 0.00	40.44 -5.99 0.00	39.25 -5.40 0.00	36.96 -5.33 0.00	37.44 -4.96 0.00	36.89 -5.18 0.00	38.11 -5.40 0.02	40.24 -6.22 1.77	45.02 -6.31 -0.45	42.18 -6.16 2.54	40.08 -5.89 1.17	35.93 -5.01 -0.22	34.65 -4.90 -0.08	33.55 -4.53 -0.01	33.38 -4.42 0.00
INDIAN POINT_GT_1 24139	38.95 1.53 0.00	35.98 1.38 0.00	34.98 1.38 0.00	34.95 1.38 0.00	34.23 1.35 0.00	36.07 1.52 0.00	48.41 2.78 0.00	51.44 3.20 -0.52	50.88 3.15 0.00	47.91 2.88 0.00	49.54 3.11 0.00	47.60 2.95 0.00	45.13 2.83 0.00	45.20 2.80 0.00	44.88 2.82 0.00	46.44 2.92 0.00	51.78 3.52 -0.03	62.55 3.82 -7.85	61.27 3.71 -6.68	54.10 3.39 -3.56	47.96 2.89 -4.35	43.26 2.64 -1.15	40.68 2.55 -0.05	39.89 2.08 0.00
INDIAN POINT_GT_2 23659	38.95 1.53 0.00	35.98 1.38 0.00	34.98 1.38 0.00	34.95 1.38 0.00	34.23 1.35 0.00	36.07 1.52 0.00	48.41 2.78 0.00	51.44 3.20 -0.52	50.88 3.15 0.00	47.91 2.88 0.00	49.54 3.11 0.00	47.60 2.95 0.00	45.13 2.83 0.00	45.20 2.80 0.00	44.88 2.82 0.00	46.44 2.92 0.00	51.78 3.52 -0.03	62.55 3.82 -7.85	61.27 3.71 -6.68	54.10 3.39 -3.56	47.96 2.89 -4.35	43.26 2.64 -1.15	40.68 2.55 -0.05	39.89 2.08 0.00
INDIAN POINT_GT_3 24019	38.95 1.53 0.00	35.98 1.38 0.00	34.98 1.38 0.00	34.95 1.38 0.00	34.23 1.35 0.00	36.07 1.52 0.00	48.41 2.78 0.00	51.44 3.20 -0.52	50.88 3.15 0.00	47.91 2.88 0.00	49.54 3.11 0.00	47.60 2.95 0.00	45.13 2.83 0.00	45.20 2.80 0.00	44.88 2.82 0.00	46.44 2.92 0.00	51.78 3.52 -0.03	62.55 3.82 -7.85	61.27 3.71 -6.68	54.10 3.39 -3.56	47.96 2.89 -4.35	43.26 2.64 -1.15	40.68 2.55 -0.05	39.89 2.08 0.00
INDIAN POINT___2 23530	38.80 1.39 0.00	35.84 1.24 0.00	34.84 1.24 0.00	34.81 1.24 0.00	34.13 1.25 0.00	36.01 1.45 0.00	48.22 2.60 0.00	51.24 3.01 -0.50	50.69 2.96 0.00	47.59 2.57 0.00	49.26 2.83 0.00	47.33 2.68 0.00	44.96 2.67 0.00	45.03 2.63 0.00	44.71 2.65 0.00	46.18 2.66 0.00	51.39 3.13 -0.03	62.07 3.51 -7.69	60.83 3.41 -6.54	53.74 3.11 -3.48	47.62 2.64 -4.26	43.04 2.45 -1.13	40.49 2.36 -0.05	40.08 2.27 0.00
INDIAN POINT___3 23531	38.84 1.42 0.00	35.88 1.28 0.00	34.91 1.31 0.00	34.88 1.31 0.00	34.16 1.28 0.00	36.04 1.49 0.00	48.27 2.65 0.00	51.30 3.05 -0.51	50.69 2.96 0.00	47.73 2.70 0.00	49.30 2.88 0.00	47.42 2.77 0.00	45.00 2.71 0.00	45.07 2.67 0.00	44.75 2.69 0.00	46.27 2.74 0.00	51.54 3.28 -0.03	62.23 3.56 -7.79	61.01 3.51 -6.62	53.83 3.16 -3.53	47.76 2.73 -4.31	43.09 2.49 -1.14	40.56 2.44 -0.05	39.77 1.97 0.00
INGHAM_C_115KV_TB7 356103	37.61 0.19 0.00	34.77 0.17 0.00	33.77 0.17 0.00	33.77 0.20 0.00	33.08 0.20 0.00	34.83 0.28 0.00	46.22 0.59 0.00	48.35 0.62 0.00	48.30 0.57 0.00	45.52 0.50 0.00	46.94 0.51 0.00	45.10 0.45 0.00	42.76 0.47 0.00	42.82 0.42 0.00	42.48 0.42 0.00	43.92 0.39 0.00	48.57 0.34 0.00	51.13 0.25 0.00	50.98 0.10 0.00	47.19 0.05 0.00	40.80 0.08 0.00	39.58 0.12 0.00	38.26 0.19 0.00	37.88 0.08 0.00
IP CORINTH___1 23988	38.65 1.23 0.00	35.67 1.07 0.00	34.74 1.14 0.00	34.75 1.18 0.00	34.00 1.12 0.00	35.90 1.35 0.00	47.86 2.24 0.00	50.82 2.43 -0.66	50.31 2.58 0.00	47.28 2.25 0.00	48.75 2.32 0.00	46.44 1.79 0.00	43.69 1.40 0.00	43.59 1.19 0.00	43.32 1.26 0.00	44.83 1.31 0.00	50.00 1.74 -0.03	62.80 1.88 -10.03	61.35 1.93 -8.53	53.49 1.79 -4.55	47.74 1.47 -5.56	42.16 1.22 -1.47	39.32 1.18 -0.07	38.53 0.72 0.00
IP___TICONDEROGA 23804	40.04 2.62 0.00	36.92 2.32 0.00	35.92 2.32 0.00	35.89 2.32 0.00	35.11 2.24 0.00	37.15 2.59 0.00	49.59 3.97 0.00	52.73 4.34 -0.66	52.31 4.58 0.00	49.03 4.01 0.00	50.56 4.13 0.00	48.13 3.48 0.00	45.09 2.79 0.00	45.07 2.67 0.00	44.84 2.78 0.00	46.44 2.92 0.00	51.89 3.62 -0.03	64.72 3.82 -10.02	63.37 3.97 -8.52	55.32 3.63 -4.54	49.28 3.01 -5.55	43.50 2.57 -1.47	40.62 2.47 -0.07	39.70 1.89 0.00
ISLIP_RES_REC 323679	41.03 3.03 -0.58	39.88 2.84 -2.44	38.69 2.76 -2.34	36.73 2.82 -0.33	38.30 2.76 -2.66	46.08 3.00 -8.52	61.35 4.93 -10.79	70.84 5.34 -17.77	65.36 5.34 -12.29	61.37 4.91 -11.44	64.32 5.52 -12.38	63.14 5.22 -13.27	62.88 5.12 -15.47	64.30 5.13 -16.77	65.28 5.17 -18.05	68.15 5.31 -19.32	64.20 5.64 -10.32	79.17 6.31 -21.99	79.21 6.31 -22.03	67.59 5.75 -14.70	72.32 5.05 -26.56	70.73 4.85 -26.41	59.46 4.38 -17.02	52.03 4.23 -9.98

JAMAICA__27_KV_LOAD 355505	39.29 1.87 0.00	36.29 1.70 0.00	35.28 1.68 0.00	35.25 1.68 0.00	34.55 1.68 0.00	36.56 2.00 0.00	49.28 3.65 0.00	52.54 4.30 -0.52	51.98 4.25 0.00	48.85 3.83 0.00	50.56 4.13 0.00	48.58 3.93 0.00	46.06 3.76 0.00	46.17 3.77 0.00	45.80 3.74 0.00	47.44 3.92 0.00	52.95 4.68 -0.04	63.85 5.09 -7.89	62.56 4.99 -6.70	55.29 4.57 -3.57	48.95 3.87 -4.36	44.17 3.55 -1.15	41.56 3.43 -0.07	40.61 2.80 -0.01
JANIS__SOLAR 323808	38.88 1.46 0.00	35.95 1.35 0.00	34.91 1.31 0.00	34.88 1.31 0.00	34.23 1.35 0.00	36.28 1.73 0.00	48.50 2.88 0.00	50.78 2.91 -0.14	50.50 2.77 0.00	47.50 2.47 0.00	48.61 2.18 0.00	46.66 2.01 0.00	44.24 1.95 0.00	44.35 1.95 0.00	44.04 1.98 0.00	45.83 2.26 -0.05	54.12 2.70 -3.18	58.17 3.26 -4.03	64.89 3.31 -10.71	54.27 2.83 -4.29	45.30 2.28 -2.31	42.07 2.05 -0.55	39.80 1.71 -0.01	39.40 1.59 0.00
JARVIS____ 23743	37.61 0.19 0.00	34.77 0.17 0.00	33.77 0.17 0.00	33.74 0.17 0.00	33.08 0.20 0.00	34.83 0.28 0.00	46.17 0.55 0.00	48.31 0.57 0.00	48.25 0.53 0.00	45.47 0.45 0.00	46.94 0.51 0.00	45.10 0.45 0.00	42.72 0.42 0.00	42.82 0.42 0.00	42.48 0.42 0.00	43.96 0.44 0.00	48.77 0.53 0.00	51.44 0.56 0.00	51.44 0.56 0.00	47.62 0.47 0.00	41.12 0.41 0.00	39.86 0.39 0.00	38.45 0.38 0.00	38.15 0.34 0.00
JENNISON____1 23625	39.22 1.80 0.00	36.29 1.70 0.00	35.21 1.61 0.00	35.22 1.65 0.00	34.52 1.64 0.00	36.52 1.97 0.00	48.91 3.29 0.00	51.35 3.44 -0.18	51.17 3.44 0.00	48.22 3.20 0.00	49.40 2.97 0.00	47.46 2.81 0.00	45.00 2.71 0.00	45.16 2.76 0.00	44.75 2.69 0.00	46.45 2.92 -0.01	52.61 3.33 -1.05	58.08 3.87 -3.33	60.28 3.87 -5.54	52.86 3.39 -2.32	45.39 2.81 -1.87	42.47 2.53 -0.48	40.45 2.36 -0.02	39.74 1.93 0.00
JENNISON____2 23626	39.22 1.80 0.00	36.29 1.70 0.00	35.21 1.61 0.00	35.22 1.65 0.00	34.52 1.64 0.00	36.52 1.97 0.00	48.91 3.29 0.00	51.35 3.44 -0.18	51.17 3.44 0.00	48.22 3.20 0.00	49.40 2.97 0.00	47.46 2.81 0.00	45.00 2.71 0.00	45.16 2.76 0.00	44.75 2.69 0.00	46.45 2.92 -0.01	52.61 3.33 -1.05	58.08 3.87 -3.33	60.28 3.87 -5.54	52.86 3.39 -2.32	45.39 2.81 -1.87	42.47 2.53 -0.48	40.45 2.36 -0.02	39.74 1.93 0.00
JERICOHO_RISE_WT_PWR 323719	39.14 1.72 0.00	36.22 1.63 0.00	35.11 1.51 0.00	34.98 1.41 0.00	34.23 1.35 0.00	35.42 0.86 0.00	46.35 0.73 0.00	48.59 0.86 0.00	48.54 0.81 0.00	46.06 1.04 0.00	47.49 1.07 0.00	45.68 1.03 0.00	43.27 0.97 0.00	43.33 0.93 0.00	42.90 0.84 0.00	44.44 0.92 0.00	49.00 0.77 0.00	51.74 0.86 0.00	51.74 0.86 0.00	47.90 0.75 0.00	41.28 0.57 0.00	40.06 0.59 0.00	38.64 0.57 0.00	38.75 0.95 0.00
KATONAH__115KV_46KV_TB4 355592	39.14 1.72 0.00	36.15 1.56 0.00	35.15 1.55 0.00	35.15 1.58 0.00	34.36 1.48 0.00	36.18 1.62 0.00	48.55 2.92 0.00	51.61 3.34 -0.53	51.12 3.39 0.00	48.09 3.06 0.00	49.72 3.30 0.00	47.73 3.08 0.00	45.17 2.88 0.00	45.28 2.88 0.00	44.92 2.86 0.00	46.57 3.05 0.00	51.98 3.71 -0.03	62.99 3.97 -8.14	61.72 3.92 -6.92	54.42 3.58 -3.69	48.28 3.05 -4.51	43.46 2.80 -1.19	40.79 2.67 -0.06	40.00 2.19 0.00
KCE_NY_1 323755	39.18 1.76 0.00	36.19 1.59 0.00	35.18 1.58 0.00	35.15 1.58 0.00	34.42 1.55 0.00	36.32 1.76 0.00	48.32 2.69 0.00	51.25 2.86 -0.66	50.64 2.91 0.00	47.59 2.57 0.00	49.16 2.74 0.00	47.11 2.45 0.00	44.45 2.16 0.00	44.52 2.12 0.00	44.21 2.14 0.00	45.74 2.22 0.00	50.97 2.70 -0.03	63.79 2.90 -10.01	62.34 2.95 -8.51	54.42 2.73 -4.54	48.54 2.28 -5.54	43.02 2.09 -1.47	40.16 2.02 -0.07	39.66 1.85 0.00
KCE_NY_6_ESR 323823	33.75 -3.67 0.00	31.38 -3.22 0.00	30.58 -3.02 0.00	30.68 -2.89 0.00	30.08 -2.79 0.00	31.69 -2.87 0.00	41.43 -4.20 0.00	42.36 -5.44 -0.07	42.29 -5.44 0.00	40.30 -4.73 0.00	41.23 -5.20 0.00	40.01 -4.64 0.00	37.69 -4.61 0.00	38.12 -4.28 0.00	37.60 -4.46 0.00	38.85 -4.66 0.02	41.21 -5.26 1.77	45.82 -5.50 -0.44	43.10 -5.24 2.54	41.02 -4.95 1.18	36.61 -4.32 -0.21	35.17 -4.38 -0.08	33.97 -4.11 -0.01	33.99 -3.82 0.00
KEDC_PORT_JEFF_GT2 24210	40.84 2.84 -0.58	39.70 2.66 -2.44	38.52 2.59 -2.34	36.56 2.65 -0.33	38.13 2.60 -2.66	45.91 2.83 -8.52	61.02 4.61 -10.79	70.51 5.01 -17.77	65.07 5.06 -12.29	61.06 4.59 -11.44	64.00 5.20 -12.38	62.83 4.91 -13.27	62.59 4.82 -15.47	63.96 4.79 -16.77	64.94 4.84 -18.05	67.81 4.96 -19.32	63.82 5.26 -10.32	78.82 5.95 -21.99	78.80 5.90 -22.03	67.22 5.37 -14.70	71.99 4.72 -26.56	70.41 4.54 -26.41	59.24 4.15 -17.02	51.80 4.01 -9.98
KEDC_PORT_JEFF_GT3 24211	40.84 2.84 -0.58	39.70 2.66 -2.44	38.52 2.59 -2.34	36.56 2.65 -0.33	38.13 2.60 -2.66	45.91 2.83 -8.52	61.02 4.61 -10.79	70.51 5.01 -17.77	65.07 5.06 -12.29	61.06 4.59 -11.44	64.00 5.20 -12.38	62.83 4.91 -13.27	62.59 4.82 -15.47	63.96 4.79 -16.77	64.94 4.84 -18.05	67.81 4.96 -19.32	63.82 5.26 -10.32	78.82 5.95 -21.99	78.80 5.90 -22.03	67.22 5.37 -14.70	71.99 4.72 -26.56	70.41 4.54 -26.41	59.24 4.15 -17.02	51.80 4.01 -9.98
KEDC_GLWD_GT4 24219	40.43 2.43 -0.58	39.26 2.22 -2.44	38.12 2.18 -2.34	36.09 2.18 -0.33	37.70 2.17 -2.66	45.53 2.45 -8.52	60.25 3.83 -10.79	69.65 4.15 -17.77	64.16 4.15 -12.29	60.20 3.73 -11.44	62.84 4.04 -12.38	61.71 3.79 -13.26	61.49 3.72 -15.47	62.85 3.69 -16.77	63.81 3.70 -18.05	66.59 3.74 -19.32	62.99 4.43 -10.32	77.75 4.88 -21.99	77.74 4.84 -22.03	66.28 4.43 -14.70	70.97 3.70 -26.56	69.31 3.43 -26.41	58.36 3.27 -17.01	50.89 3.10 -9.98
KEDC_GLWD_GT5 24220	40.43 2.43 -0.58	39.26 2.22 -2.44	38.12 2.18 -2.34	36.09 2.18 -0.33	37.70 2.17 -2.66	45.53 2.45 -8.52	60.25 3.83 -10.79	69.65 4.15 -17.77	64.16 4.15 -12.29	60.20 3.73 -11.44	62.84 4.04 -12.38	61.71 3.79 -13.26	61.49 3.72 -15.47	62.85 3.69 -16.77	63.81 3.70 -18.05	66.59 3.74 -19.32	62.99 4.43 -10.32	77.75 4.88 -21.99	77.74 4.84 -22.03	66.28 4.43 -14.70	70.97 3.70 -26.56	69.31 3.43 -26.41	58.36 3.27 -17.01	50.89 3.10 -9.98
KENSICO____ 23655	38.99 1.57 0.00	36.02 1.42 0.00	35.01 1.41 0.00	34.98 1.41 0.00	34.29 1.41 0.00	36.14 1.59 0.00	48.50 2.87 0.00	51.54 3.29 -0.51	50.93 3.20 0.00	47.95 2.93 0.00	49.63 3.20 0.00	47.69 3.04 0.00	45.26 2.96 0.00	45.32 2.93 0.00	45.01 2.94 0.00	46.53 3.00 0.00	51.83 3.57 -0.03	62.65 3.92 -7.85	61.37 3.82 -6.68	54.19 3.49 -3.56	48.00 2.93 -4.35	43.34 2.72 -1.15	40.75 2.63 -0.05	39.96 2.16 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	39.10 1.68 0.00	36.12 1.52 0.00	35.08 1.48 0.00	35.05 1.48 0.00	34.29 1.41 0.00	36.14 1.59 0.00	48.50 2.87 0.00	51.47 3.25 -0.49	50.93 3.20 0.00	47.86 2.84 0.00	49.49 3.06 0.00	47.55 2.90 0.00	45.04 2.75 0.00	45.16 2.76 0.00	44.84 2.78 0.00	46.40 2.87 0.00	51.73 3.47 -0.02	62.32 3.97 -7.47	61.00 3.77 -6.35	53.93 3.39 -3.38	47.74 2.89 -4.14	43.12 2.57 -1.09	40.64 2.51 -0.05	39.85 2.04 0.00

KIAC_JFK_GT1 23816	39.18 1.76 0.00	36.19 1.59 0.00	35.18 1.58 0.00	35.15 1.58 0.00	34.46 1.58 0.00	36.45 1.90 0.00	49.14 3.51 0.00	52.35 4.10 -0.52	51.79 4.06 0.00	48.72 3.69 0.00	50.42 3.99 0.00	48.45 3.80 0.00	45.93 3.64 0.00	46.00 3.60 0.00	45.68 3.62 0.00	47.31 3.79 0.00	52.81 4.53 -0.04	63.65 4.88 -7.89	62.36 4.78 -6.70	55.10 4.38 -3.57	48.78 3.71 -4.36	44.05 3.43 -1.15	41.41 3.27 -0.07	40.50 2.68 -0.01
KIAC_JFK_GT2 23817	39.18 1.76 0.00	36.19 1.59 0.00	35.18 1.58 0.00	35.15 1.58 0.00	34.46 1.58 0.00	36.45 1.90 0.00	49.14 3.51 0.00	52.35 4.10 -0.52	51.79 4.06 0.00	48.72 3.69 0.00	50.42 3.99 0.00	48.45 3.80 0.00	45.93 3.64 0.00	46.00 3.60 0.00	45.68 3.62 0.00	47.31 3.79 0.00	52.81 4.53 -0.04	63.65 4.88 -7.89	62.36 4.78 -6.70	55.10 4.38 -3.57	48.78 3.71 -4.36	44.05 3.43 -1.15	41.41 3.27 -0.07	40.50 2.68 -0.01
KIAC_JFK____ 323774	39.18 1.76 0.00	36.19 1.59 0.00	35.18 1.58 0.00	35.15 1.58 0.00	34.46 1.58 0.00	36.49 1.93 0.00	49.09 3.47 0.00	52.35 4.11 -0.52	51.88 4.15 0.00	48.63 3.60 0.00	50.42 3.99 0.00	48.35 3.70 0.00	45.93 3.64 0.00	46.00 3.60 0.00	45.68 3.62 0.00	47.27 3.74 0.00	52.71 4.43 -0.04	63.60 4.84 -7.89	62.36 4.78 -6.70	55.10 4.39 -3.57	48.74 3.67 -4.36	44.05 3.43 -1.15	41.41 3.27 -0.07	40.84 3.03 -0.01
KINTIGH____ 23543	33.19 -4.23 0.00	30.83 -3.77 0.00	29.97 -3.63 0.00	30.11 -3.46 0.00	29.52 -3.35 0.00	31.06 -3.49 0.00	40.61 -5.02 0.00	41.79 -6.01 -0.07	41.91 -5.82 0.00	39.62 -5.40 0.00	40.44 -5.99 0.00	39.25 -5.40 0.00	37.18 -5.12 0.00	37.52 -4.88 0.00	37.06 -5.01 0.00	38.20 -5.31 0.01	40.23 -6.27 1.74	45.30 -6.05 -0.47	42.28 -6.16 2.45	40.07 -5.94 1.13	35.91 -5.05 -0.24	35.01 -4.54 -0.08	33.81 -4.26 -0.01	33.46 -4.35 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	39.81 2.39 0.00	36.88 2.28 0.00	35.72 2.12 0.00	35.55 1.98 0.00	34.78 1.91 0.00	35.97 1.42 0.00	47.13 1.51 0.00	49.40 1.67 0.00	49.30 1.58 0.00	46.78 1.76 0.00	48.42 2.00 0.00	46.44 1.79 0.00	43.99 1.69 0.00	44.01 1.61 0.00	43.58 1.51 0.00	45.18 1.65 0.00	49.73 1.50 0.00	52.71 1.83 0.00	52.76 1.88 0.00	48.70 1.56 0.00	42.02 1.30 0.00	40.65 1.18 0.00	39.18 1.10 0.00	39.70 1.89 0.00
LACHUTE____HYDRO 323717	40.04 2.62 0.00	36.92 2.32 0.00	35.92 2.32 0.00	35.89 2.31 0.00	35.11 2.24 0.00	37.18 2.62 0.00	49.64 4.02 0.00	52.73 4.34 -0.66	52.31 4.58 0.00	49.03 4.01 0.00	50.56 4.13 0.00	48.14 3.49 0.00	45.09 2.79 0.00	45.07 2.67 0.00	44.84 2.78 0.00	46.44 2.92 0.00	51.89 3.62 -0.03	64.72 3.82 -10.02	63.37 3.97 -8.52	55.32 3.63 -4.54	49.28 3.01 -5.55	43.50 2.56 -1.47	40.58 2.44 -0.07	39.89 2.08 0.00
LAWRNCV_115KV_TB1 80681	38.02 0.60 0.00	35.15 0.55 0.00	34.07 0.47 0.00	33.97 0.40 0.00	33.17 0.30 0.00	34.35 -0.21 0.00	44.85 -0.78 0.00	47.02 -0.72 0.00	46.96 -0.76 0.00	44.80 -0.23 0.00	46.10 -0.32 0.00	44.29 -0.36 0.00	41.96 -0.34 0.00	42.06 -0.34 0.00	41.68 -0.38 0.00	43.18 -0.35 0.00	47.75 -0.48 0.00	50.06 -0.81 0.00	50.06 -0.81 0.00	46.30 -0.85 0.00	39.98 -0.73 0.00	38.95 -0.51 0.00	37.77 -0.30 0.00	38.03 0.23 0.00
LEDERLE____ 23769	38.88 1.46 0.00	35.95 1.35 0.00	34.94 1.34 0.00	34.91 1.34 0.00	34.19 1.32 0.00	36.07 1.52 0.00	48.36 2.74 0.00	51.33 3.10 -0.50	50.69 2.96 0.00	47.73 2.70 0.00	49.30 2.88 0.00	47.42 2.77 0.00	44.96 2.66 0.00	45.03 2.63 0.00	44.71 2.65 0.00	46.22 2.70 0.00	51.49 3.23 -0.03	62.03 3.56 -7.59	60.79 3.46 -6.45	53.74 3.16 -3.44	47.65 2.73 -4.21	43.06 2.49 -1.11	40.56 2.44 -0.05	39.77 1.97 0.00
LIGHTHSE_115KV_TB6 355974	36.22 -1.20 0.00	33.49 -1.11 0.00	32.49 -1.11 0.00	32.50 -1.07 0.00	31.79 -1.08 0.00	33.55 -1.00 0.00	44.44 -1.19 0.00	46.58 -1.19 -0.04	46.54 -1.19 0.00	43.94 -1.08 0.00	45.22 -1.21 0.00	43.53 -1.12 0.00	41.24 -1.06 0.00	41.30 -1.10 0.00	40.93 -1.14 0.00	42.39 -1.13 0.00	47.03 -1.21 0.00	50.38 -1.07 -0.57	50.79 -1.07 -0.98	46.18 -1.23 -0.26	39.85 -1.18 -0.31	38.44 -1.11 -0.08	36.97 -1.10 0.00	36.52 -1.29 0.00
LINDEN COGEN____ 23786	38.91 1.50 0.01	35.94 1.35 0.01	34.94 1.35 0.01	34.94 1.38 0.01	34.25 1.38 0.01	36.14 1.59 0.00	48.55 2.92 0.00	51.69 3.44 -0.52	51.17 3.44 0.00	47.99 2.97 0.00	49.77 3.34 0.00	47.78 3.12 0.00	45.42 3.13 0.00	45.49 3.09 0.00	45.17 3.11 0.00	46.66 3.14 0.00	51.94 3.66 -0.04	62.84 4.07 -7.89	61.55 3.97 -6.70	54.35 3.63 -3.57	48.13 3.06 -4.36	43.46 2.84 -1.15	40.92 2.78 -0.07	40.42 2.61 0.00
LINDHRST_69_KV_BK1 356055	40.73 2.73 -0.58	39.57 2.53 -2.44	38.42 2.49 -2.34	36.39 2.48 -0.33	38.00 2.47 -2.66	45.77 2.70 -8.52	60.89 4.47 -10.79	70.46 4.96 -17.77	64.93 4.92 -12.29	61.01 4.55 -11.44	63.68 4.87 -12.38	62.56 4.64 -13.26	62.25 4.48 -15.47	63.66 4.49 -16.77	64.65 4.54 -18.05	67.55 4.70 -19.32	63.91 5.35 -10.32	78.77 5.90 -21.99	78.81 5.90 -22.03	67.17 5.33 -14.70	71.83 4.56 -26.56	70.18 4.30 -26.41	59.12 4.04 -17.01	51.27 3.48 -9.98
LIPA_MISC_IPP 23656	40.77 2.77 -0.58	39.67 2.63 -2.44	38.49 2.55 -2.34	36.56 2.65 -0.33	38.06 2.53 -2.66	45.81 2.73 -8.52	60.89 4.47 -10.79	70.17 4.68 -17.77	64.74 4.73 -12.29	60.92 4.46 -11.44	64.00 5.20 -12.38	62.87 4.96 -13.27	62.50 4.74 -15.47	63.96 4.79 -16.77	64.94 4.84 -18.05	67.76 4.92 -19.32	63.53 4.97 -10.32	78.46 5.60 -21.99	78.50 5.60 -22.03	66.89 5.04 -14.70	71.91 4.64 -26.56	70.41 4.54 -26.41	59.20 4.11 -17.02	51.38 3.59 -9.98
LISF__SOLAR 323691	40.81 2.81 -0.58	39.70 2.66 -2.44	38.49 2.55 -2.34	36.59 2.69 -0.33	38.13 2.60 -2.66	45.88 2.80 -8.52	60.98 4.56 -10.79	70.27 4.77 -17.77	64.88 4.87 -12.29	60.92 4.46 -11.44	64.09 5.29 -12.38	62.92 5.00 -13.27	62.63 4.86 -15.47	64.04 4.87 -16.77	65.03 4.92 -18.05	67.89 5.05 -19.32	63.57 5.02 -10.32	78.56 5.70 -21.99	78.55 5.65 -22.03	66.98 5.14 -14.70	71.95 4.68 -26.56	70.53 4.65 -26.41	59.20 4.11 -17.02	51.80 4.01 -9.98
LITTLE FALLS____HYD 24013	37.61 0.19 0.00	34.77 0.17 0.00	33.77 0.17 0.00	33.77 0.20 0.00	33.08 0.20 0.00	34.83 0.28 0.00	46.22 0.59 0.00	48.35 0.62 0.00	48.30 0.57 0.00	45.52 0.50 0.00	46.94 0.51 0.00	45.10 0.45 0.00	42.76 0.47 0.00	42.82 0.42 0.00	42.48 0.42 0.00	43.92 0.39 0.00	48.57 0.34 0.00	51.13 0.25 0.00	50.98 0.10 0.00	47.19 0.05 0.00	40.80 0.08 0.00	39.58 0.12 0.00	38.26 0.19 0.00	37.88 0.08 0.00
LITTLRIV_115KV_TB1 356100	38.39 0.97 0.00	35.53 0.93 0.00	34.41 0.81 0.00	34.31 0.74 0.00	33.50 0.62 0.00	34.76 0.21 0.00	45.44 -0.18 0.00	47.68 -0.05 0.00	47.68 -0.05 0.00	45.47 0.45 0.00	46.80 0.37 0.00	44.92 0.27 0.00	42.59 0.30 0.00	42.65 0.25 0.00	42.31 0.25 0.00	43.83 0.30 0.00	48.38 0.14 0.00	50.78 -0.10 0.00	50.83 -0.05 0.00	46.96 -0.19 0.00	40.55 -0.16 0.00	39.47 0.00 0.00	38.19 0.11 0.00	38.45 0.64 0.00

LI_NEWBRDGE___DRP 323616	40.06 2.06 -0.58	38.91 1.87 -2.44	37.79 1.85 -2.34	35.79 1.88 -0.33	37.37 1.84 -2.66	45.15 2.07 -8.52	59.93 3.51 -10.79	69.46 3.96 -17.77	63.88 3.87 -12.29	60.02 3.56 -11.44	62.65 3.85 -12.38	61.58 3.66 -13.27	61.32 3.55 -15.47	62.69 3.52 -16.77	63.64 3.53 -18.05	66.46 3.61 -19.32	62.80 4.24 -10.32	77.50 4.63 -21.99	77.43 4.53 -22.03	65.99 4.15 -14.70	70.77 3.50 -26.56	69.15 3.28 -26.41	58.29 3.20 -17.02	50.48 2.68 -9.99
LOCKPORT_115KV_TB60_63_64 80432	32.93 -4.49 0.00	30.62 -3.98 0.00	29.80 -3.80 0.00	29.95 -3.63 0.00	29.36 -3.52 0.00	30.89 -3.66 0.00	40.20 -5.43 0.00	41.21 -6.59 -0.07	41.43 -6.30 0.00	39.17 -5.85 0.00	39.88 -6.55 0.00	38.80 -5.85 0.00	36.75 -5.54 0.00	37.14 -5.26 0.00	36.64 -5.43 0.00	37.72 -5.79 0.02	39.79 -6.66 1.79	44.72 -6.61 -0.46	41.90 -6.41 2.56	39.70 -6.27 1.18	35.49 -5.46 -0.23	34.46 -5.09 -0.08	33.47 -4.61 -0.01	33.08 -4.73 0.00
LOCKPORT___CC1 323769	32.93 -4.49 0.00	30.62 -3.98 0.00	29.84 -3.76 0.00	29.95 -3.63 0.00	29.36 -3.52 0.00	30.93 -3.63 0.00	40.38 -5.25 0.00	41.16 -6.63 -0.07	41.14 -6.59 0.00	39.22 -5.81 0.00	40.11 -6.31 0.00	38.94 -5.72 0.00	36.67 -5.63 0.00	37.14 -5.26 0.00	36.59 -5.47 0.00	37.81 -5.70 0.02	39.84 -6.61 1.79	44.67 -6.66 -0.45	41.91 -6.41 2.56	39.70 -6.27 1.18	35.69 -5.25 -0.22	34.46 -5.09 -0.08	33.36 -4.72 -0.01	33.16 -4.65 0.00
LOCKPORT___CC2 323770	32.93 -4.49 0.00	30.62 -3.98 0.00	29.84 -3.76 0.00	29.95 -3.63 0.00	29.36 -3.52 0.00	30.93 -3.63 0.00	40.38 -5.25 0.00	41.16 -6.63 -0.07	41.14 -6.59 0.00	39.22 -5.81 0.00	40.11 -6.31 0.00	38.94 -5.72 0.00	36.67 -5.63 0.00	37.14 -5.26 0.00	36.59 -5.47 0.00	37.81 -5.70 0.02	39.84 -6.61 1.79	44.67 -6.66 -0.45	41.91 -6.41 2.56	39.70 -6.27 1.18	35.69 -5.25 -0.22	34.46 -5.09 -0.08	33.36 -4.72 -0.01	33.16 -4.65 0.00
LOCKPORT___CC3 323771	32.93 -4.49 0.00	30.62 -3.98 0.00	29.84 -3.76 0.00	29.95 -3.63 0.00	29.36 -3.52 0.00	30.93 -3.63 0.00	40.38 -5.25 0.00	41.16 -6.63 -0.07	41.14 -6.59 0.00	39.22 -5.81 0.00	40.11 -6.31 0.00	38.94 -5.72 0.00	36.67 -5.63 0.00	37.14 -5.26 0.00	36.59 -5.47 0.00	37.81 -5.70 0.02	39.84 -6.61 1.79	44.67 -6.66 -0.45	41.91 -6.41 2.56	39.70 -6.27 1.18	35.69 -5.25 -0.22	34.46 -5.09 -0.08	33.36 -4.72 -0.01	33.16 -4.65 0.00
LONG_LAKE_PHOENIX 24014	36.15 -1.27 0.00	33.39 -1.21 0.00	32.46 -1.14 0.00	32.43 -1.14 0.00	31.76 -1.12 0.00	33.55 -1.00 0.00	44.35 -1.28 0.00	46.48 -1.29 -0.04	46.44 -1.29 0.00	43.81 -1.22 0.00	45.13 -1.30 0.00	43.40 -1.25 0.00	41.07 -1.23 0.00	41.17 -1.23 0.00	40.84 -1.22 0.00	42.31 -1.22 0.00	46.89 -1.35 0.00	50.24 -1.27 -0.63	50.76 -1.27 -1.15	46.16 -1.27 -0.29	39.88 -1.18 -0.35	38.45 -1.11 -0.09	36.93 -1.14 0.00	36.52 -1.29 0.00
LOVETT___3 23632	38.77 1.35 0.00	35.81 1.21 0.00	34.81 1.21 0.00	34.78 1.21 0.00	34.09 1.22 0.00	35.94 1.38 0.00	48.18 2.56 0.00	51.14 2.91 -0.50	50.45 2.72 0.00	47.55 2.52 0.00	49.12 2.69 0.00	47.20 2.55 0.00	44.83 2.54 0.00	44.90 2.50 0.00	44.54 2.48 0.00	46.09 2.57 0.00	51.30 3.04 -0.03	61.85 3.36 -7.62	60.61 3.26 -6.48	53.57 2.97 -3.45	47.50 2.57 -4.22	42.91 2.33 -1.12	40.41 2.28 -0.05	39.62 1.81 0.00
LOVETT___4 23642	38.77 1.35 0.00	35.81 1.21 0.00	34.81 1.21 0.00	34.78 1.21 0.00	34.09 1.22 0.00	35.94 1.38 0.00	48.18 2.56 0.00	51.14 2.91 -0.50	50.45 2.72 0.00	47.55 2.52 0.00	49.12 2.69 0.00	47.20 2.55 0.00	44.83 2.54 0.00	44.90 2.50 0.00	44.54 2.48 0.00	46.09 2.57 0.00	51.30 3.04 -0.03	61.85 3.36 -7.62	60.61 3.26 -6.48	53.57 2.97 -3.45	47.50 2.57 -4.22	42.91 2.33 -1.12	40.41 2.28 -0.05	39.62 1.81 0.00
LOVETT___5 23593	38.77 1.35 0.00	35.81 1.21 0.00	34.81 1.21 0.00	34.78 1.21 0.00	34.09 1.22 0.00	35.94 1.38 0.00	48.18 2.56 0.00	51.14 2.91 -0.50	50.45 2.72 0.00	47.55 2.52 0.00	49.12 2.69 0.00	47.20 2.55 0.00	44.83 2.54 0.00	44.90 2.50 0.00	44.54 2.48 0.00	46.09 2.57 0.00	51.30 3.04 -0.03	61.85 3.36 -7.62	60.61 3.26 -6.48	53.57 2.97 -3.45	47.50 2.57 -4.22	42.91 2.33 -1.12	40.41 2.28 -0.05	39.62 1.81 0.00
LOWER RAQUET___HYD 24057	37.98 0.56 0.00	35.12 0.52 0.00	34.04 0.44 0.00	33.94 0.37 0.00	33.11 0.23 0.00	34.21 -0.35 0.00	44.62 -1.00 0.00	46.82 -0.91 0.00	46.82 -0.91 0.00	44.76 -0.27 0.00	45.96 -0.46 0.00	44.16 -0.49 0.00	41.87 -0.42 0.00	41.93 -0.47 0.00	41.60 -0.46 0.00	43.09 -0.44 0.00	47.71 -0.53 0.00	49.91 -0.97 0.00	49.91 -0.97 0.00	46.11 -1.04 0.00	39.74 -0.98 0.00	38.87 -0.59 0.00	37.69 -0.38 0.00	37.66 -0.15 0.00
LOWER___HUDSON 24059	38.92 1.50 0.00	35.95 1.35 0.00	34.91 1.31 0.00	34.92 1.34 0.00	34.16 1.28 0.00	36.04 1.48 0.00	47.95 2.33 0.00	50.81 2.43 -0.65	50.21 2.48 0.00	47.23 2.21 0.00	48.79 2.37 0.00	46.84 2.19 0.00	44.33 2.03 0.00	44.39 1.99 0.00	44.08 2.02 0.00	45.61 2.09 0.00	50.73 2.46 -0.03	63.37 2.64 -9.85	61.95 2.69 -8.37	54.06 2.45 -4.46	48.29 2.12 -5.46	42.92 2.01 -1.44	40.08 1.94 -0.07	39.66 1.85 0.00
LOWVILLE_115KV_TB2 356335	37.49 0.07 0.00	34.67 0.07 0.00	33.63 0.03 0.00	33.61 0.03 0.00	32.91 0.03 0.00	34.66 0.10 0.00	46.08 0.46 0.00	48.37 0.62 -0.02	48.35 0.62 0.00	45.70 0.68 0.00	46.89 0.46 0.00	45.05 0.40 0.00	42.72 0.42 0.00	42.82 0.42 0.00	42.52 0.46 0.00	44.09 0.57 0.00	48.91 0.68 0.00	52.04 0.86 -0.30	51.95 0.81 -0.25	47.33 0.05 -0.14	40.64 -0.24 -0.17	39.23 -0.28 -0.04	37.73 -0.34 0.00	37.35 -0.45 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	39.18 1.76 0.00	36.15 1.56 0.00	35.15 1.55 0.00	35.15 1.58 0.00	34.39 1.51 0.00	36.28 1.73 0.00	48.27 2.65 0.00	51.20 2.82 -0.66	50.59 2.86 0.00	47.59 2.57 0.00	49.16 2.74 0.00	47.06 2.41 0.00	44.45 2.16 0.00	44.48 2.08 0.00	44.21 2.15 0.00	45.74 2.22 0.00	50.92 2.65 -0.03	63.74 2.85 -10.01	62.29 2.90 -8.51	54.37 2.69 -4.54	48.54 2.28 -5.54	43.02 2.09 -1.47	40.16 2.02 -0.07	39.47 1.66 0.00
LUTHERNY_35_KV_BK2 355980	39.18 1.76 0.00	36.19 1.59 0.00	35.18 1.58 0.00	35.15 1.58 0.00	34.42 1.55 0.00	36.32 1.76 0.00	48.32 2.69 0.00	51.25 2.86 -0.66	50.64 2.91 0.00	47.64 2.61 0.00	49.16 2.74 0.00	47.11 2.46 0.00	44.45 2.16 0.00	44.52 2.12 0.00	44.21 2.15 0.00	45.79 2.26 0.00	50.97 2.70 -0.03	63.79 2.90 -10.01	62.34 2.95 -8.51	54.42 2.73 -4.54	48.54 2.28 -5.54	43.02 2.09 -1.47	40.20 2.06 -0.07	39.47 1.66 0.00
LWR___OSWEGATCHIE_HYD 23850	37.23 -0.19 0.00	34.46 -0.14 0.00	33.40 -0.20 0.00	33.34 -0.24 0.00	32.58 -0.30 0.00	33.97 -0.59 0.00	44.76 -0.87 0.00	46.98 -0.76 -0.01	46.96 -0.76 0.00	44.62 -0.41 0.00	45.87 -0.56 0.00	44.07 -0.58 0.00	41.75 -0.55 0.00	41.85 -0.55 0.00	41.51 -0.55 0.00	43.04 -0.48 0.00	47.66 -0.58 0.00	50.38 -0.71 -0.22	50.35 -0.71 -0.18	46.21 -1.04 -0.10	39.82 -1.02 -0.12	38.63 -0.87 -0.03	37.27 -0.80 0.00	37.24 -0.57 0.00

LYONS_FALL_HYD 23570	37.79 0.37 0.00	34.94 0.35 0.00	33.90 0.30 0.00	33.87 0.30 0.00	33.17 0.30 0.00	34.97 0.42 0.00	46.54 0.91 0.00	48.85 1.10 -0.02	48.78 1.05 0.00	46.10 1.08 0.00	47.35 0.93 0.00	45.50 0.85 0.00	43.14 0.85 0.00	43.25 0.85 0.00	42.90 0.84 0.00	44.48 0.96 0.00	49.30 1.06 0.00	52.44 1.27 -0.29	52.34 1.22 -0.24	47.94 0.66 -0.13	41.24 0.37 -0.16	39.82 0.31 -0.04	38.30 0.23 0.00	37.92 0.11 0.00
MADISON___COUNTY_LFGE 323628	38.13 0.71 0.00	35.25 0.66 0.00	34.24 0.64 0.00	34.21 0.64 0.00	33.54 0.66 0.00	35.49 0.93 0.00	47.22 1.60 0.00	49.53 1.77 -0.03	49.49 1.77 0.00	46.64 1.62 0.00	47.96 1.53 0.00	46.08 1.43 0.00	43.69 1.40 0.00	43.80 1.40 0.00	43.49 1.43 0.00	45.05 1.52 0.00	49.88 1.64 0.00	53.19 1.83 -0.48	53.12 1.83 -0.41	48.87 1.51 -0.22	42.16 1.18 -0.27	40.64 1.11 -0.07	39.06 0.99 0.00	38.56 0.76 0.00
MALONE___115KV_TB1 356076	39.36 1.95 0.00	36.47 1.87 0.00	35.31 1.71 0.00	35.15 1.58 0.00	34.36 1.48 0.00	35.63 1.07 0.00	46.63 1.00 0.00	48.93 1.19 0.00	48.83 1.10 0.00	46.42 1.40 0.00	48.00 1.58 0.00	46.04 1.38 0.00	43.61 1.31 0.00	43.67 1.27 0.00	43.24 1.18 0.00	44.79 1.26 0.00	49.39 1.16 0.00	52.20 1.32 0.00	52.20 1.32 0.00	48.23 1.08 0.00	41.61 0.90 0.00	40.33 0.87 0.00	38.91 0.84 0.00	39.28 1.47 0.00
MAPLEWOD_115KV_TB3 80458	38.95 1.53 0.00	35.98 1.38 0.00	34.98 1.38 0.00	34.95 1.38 0.00	34.19 1.32 0.00	36.07 1.52 0.00	47.95 2.33 0.00	50.81 2.43 -0.64	50.21 2.48 0.00	47.32 2.30 0.00	48.65 2.23 0.00	46.75 2.10 0.00	44.20 1.90 0.00	44.31 1.91 0.00	44.04 1.98 0.00	45.57 2.05 0.00	50.68 2.41 -0.03	63.16 2.49 -9.79	61.74 2.54 -8.32	53.94 2.36 -4.43	48.13 2.00 -5.42	42.99 2.09 -1.43	40.19 2.06 -0.07	39.51 1.70 0.00
MAPLE_RIDGE_WT_1 323574	37.61 0.19 0.00	34.77 0.17 0.00	33.73 0.13 0.00	33.71 0.13 0.00	32.98 0.10 0.00	34.55 0.00 0.00	45.49 -0.14 0.00	47.54 -0.19 0.00	47.54 -0.19 0.00	44.89 -0.13 0.00	46.29 -0.14 0.00	44.52 -0.13 0.00	42.21 -0.08 0.00	42.31 -0.08 0.00	41.94 -0.13 0.00	43.39 -0.13 0.00	48.00 -0.24 0.00	50.53 -0.35 0.00	50.37 -0.51 0.00	46.58 -0.56 0.00	40.23 -0.49 0.00	38.99 -0.47 0.00	37.62 -0.46 0.00	37.36 -0.45 0.00
MAPLE_RIDGE_WT_2 323611	37.61 0.19 0.00	34.77 0.17 0.00	33.73 0.13 0.00	33.71 0.13 0.00	32.98 0.10 0.00	34.55 0.00 0.00	45.49 -0.14 0.00	47.54 -0.19 0.00	47.54 -0.19 0.00	44.89 -0.13 0.00	46.29 -0.14 0.00	44.52 -0.13 0.00	42.21 -0.08 0.00	42.31 -0.08 0.00	41.94 -0.13 0.00	43.39 -0.13 0.00	48.00 -0.24 0.00	50.53 -0.35 0.00	50.37 -0.51 0.00	46.58 -0.56 0.00	40.23 -0.49 0.00	38.99 -0.47 0.00	37.62 -0.46 0.00	37.36 -0.45 0.00
MARBLE_RIVER_WT_PWR 323696	39.18 1.76 0.00	36.29 1.69 0.00	35.15 1.55 0.00	35.01 1.44 0.00	34.29 1.41 0.00	35.45 0.90 0.00	46.45 0.82 0.00	48.64 0.90 0.00	48.59 0.86 0.00	46.10 1.08 0.00	47.59 1.16 0.00	45.72 1.07 0.00	43.31 1.01 0.00	43.38 0.98 0.00	42.99 0.92 0.00	44.48 0.96 0.00	49.05 0.82 0.00	51.84 0.96 0.00	51.80 0.92 0.00	47.95 0.80 0.00	41.33 0.61 0.00	40.10 0.63 0.00	38.68 0.61 0.00	38.83 1.02 0.00
MARSHVLE_115KV_TB1 80742	39.85 2.43 0.00	36.85 2.25 0.00	35.75 2.15 0.00	35.75 2.18 0.00	35.05 2.17 0.00	37.08 2.52 0.00	49.55 3.92 0.00	52.68 4.20 -0.75	51.93 4.20 0.00	48.72 3.69 0.00	50.19 3.76 0.00	48.00 3.35 0.00	45.34 3.05 0.00	45.58 3.18 0.00	45.34 3.28 0.00	47.01 3.48 0.00	52.42 4.15 -0.04	66.91 4.58 -11.45	65.30 4.68 -9.74	56.58 4.24 -5.19	50.60 3.54 -6.34	44.22 3.08 -1.68	41.08 2.93 -0.08	40.23 2.42 0.00
MARSH_HILL_WT_PWR 323713	36.15 -1.27 0.00	33.52 -1.07 0.00	32.66 -0.94 0.00	32.67 -0.90 0.00	32.06 -0.82 0.00	33.93 -0.62 0.00	44.71 -0.91 0.00	46.30 -1.53 -0.10	46.15 -1.57 0.00	43.72 -1.31 0.00	44.76 -1.67 0.00	43.22 -1.43 0.00	40.65 -1.65 0.00	40.96 -1.44 0.00	40.46 -1.60 0.00	41.82 -1.65 0.05	44.32 -1.73 2.18	48.84 -1.73 0.31	45.36 -1.58 3.94	43.60 -1.70 1.85	38.80 -1.67 0.25	37.69 -1.78 0.00	36.18 -1.90 -0.01	36.18 -1.62 0.00
MCINTYRE_115KV_TB2 80467	38.65 1.23 0.00	35.74 1.14 0.00	34.64 1.04 0.00	34.55 0.97 0.00	33.73 0.85 0.00	35.04 0.48 0.00	45.85 0.23 0.00	48.16 0.43 0.00	48.16 0.43 0.00	45.79 0.77 0.00	47.17 0.74 0.00	45.28 0.63 0.00	42.89 0.59 0.00	43.04 0.64 0.00	42.65 0.59 0.00	44.18 0.65 0.00	48.72 0.48 0.00	51.18 0.31 0.00	51.18 0.31 0.00	47.38 0.24 0.00	40.92 0.20 0.00	39.78 0.32 0.00	38.45 0.38 0.00	38.64 0.83 0.00
MECO_____69_KV_BK1 80468	41.68 4.27 0.00	38.51 3.91 0.00	37.36 3.76 0.00	37.37 3.79 0.00	36.59 3.72 0.00	38.80 4.25 0.00	51.83 6.21 0.00	54.99 6.54 -0.72	54.27 6.54 0.00	50.74 5.72 0.00	52.18 5.76 0.00	49.65 5.00 0.00	46.86 4.57 0.00	47.28 4.88 0.00	47.15 5.09 0.00	48.96 5.44 0.00	54.78 6.51 -0.04	68.86 6.97 -11.01	67.37 7.12 -9.37	58.69 6.55 -4.99	52.31 5.50 -6.10	45.93 4.85 -1.61	42.83 4.68 -0.08	41.78 3.97 0.00
MENANDS___115KV_TB5 355628	38.88 1.46 0.00	35.91 1.31 0.00	34.88 1.28 0.00	34.85 1.28 0.00	34.13 1.25 0.00	35.97 1.42 0.00	47.82 2.19 0.00	50.66 2.29 -0.64	50.07 2.34 0.00	47.19 2.16 0.00	48.47 2.04 0.00	46.57 1.92 0.00	44.07 1.78 0.00	44.18 1.78 0.00	43.87 1.81 0.00	45.40 1.87 0.00	50.44 2.17 -0.03	62.88 2.24 -9.77	61.47 2.29 -8.31	53.69 2.12 -4.43	47.96 1.83 -5.41	42.91 2.01 -1.43	40.12 1.98 -0.07	39.43 1.63 0.00
MG INDUSTRY___DRP 24185	38.88 1.46 0.00	35.91 1.31 0.00	34.91 1.31 0.00	34.88 1.31 0.00	34.13 1.25 0.00	35.94 1.38 0.00	47.68 2.05 0.00	50.46 2.10 -0.63	49.83 2.10 0.00	46.96 1.94 0.00	48.28 1.86 0.00	46.39 1.74 0.00	43.86 1.56 0.00	43.97 1.57 0.00	43.66 1.60 0.00	45.18 1.65 0.00	50.20 1.93 -0.03	62.42 1.98 -9.56	61.04 2.04 -8.13	53.41 1.93 -4.33	47.68 1.67 -5.29	42.68 1.82 -1.40	39.93 1.79 -0.07	39.32 1.51 0.00
MID___OSWEGATCHIE_HYD 23849	37.23 -0.19 0.00	34.46 -0.14 0.00	33.40 -0.20 0.00	33.34 -0.24 0.00	32.58 -0.30 0.00	33.97 -0.59 0.00	44.76 -0.87 0.00	46.98 -0.76 -0.01	46.96 -0.76 0.00	44.62 -0.41 0.00	45.87 -0.56 0.00	44.07 -0.58 0.00	41.75 -0.55 0.00	41.85 -0.55 0.00	41.51 -0.55 0.00	43.04 -0.48 0.00	47.66 -0.58 0.00	50.38 -0.71 -0.22	50.35 -0.71 -0.18	46.21 -1.04 -0.10	39.82 -1.02 -0.12	38.63 -0.87 -0.03	37.27 -0.80 0.00	37.24 -0.57 0.00
MID___RAQUETTE_HYD 23851	37.98 0.56 0.00	35.12 0.52 0.00	34.04 0.44 0.00	33.94 0.37 0.00	33.11 0.23 0.00	34.24 -0.31 0.00	44.67 -0.96 0.00	46.82 -0.91 0.00	46.82 -0.91 0.00	44.71 -0.32 0.00	46.01 -0.42 0.00	44.20 -0.45 0.00	41.87 -0.42 0.00	41.93 -0.47 0.00	41.60 -0.46 0.00	43.09 -0.44 0.00	47.66 -0.58 0.00	49.91 -0.97 0.00	49.91 -0.97 0.00	46.11 -1.04 0.00	39.82 -0.90 0.00	38.87 -0.59 0.00	37.69 -0.38 0.00	37.96 0.15 0.00

MILLIKEN___1 23584	37.64 0.22 0.00	34.81 0.21 0.00	33.84 0.24 0.00	33.81 0.24 0.00	33.14 0.26 0.00	35.04 0.48 0.00	46.54 0.91 0.00	48.79 0.95 -0.10	48.68 0.95 0.00	45.83 0.81 0.00	47.12 0.70 0.00	45.32 0.67 0.00	42.89 0.59 0.00	43.04 0.64 0.00	42.69 0.63 0.00	44.28 0.70 -0.06	52.80 0.87 -3.70	55.76 1.12 -3.76	63.79 1.22 -11.69	52.66 0.94 -4.57	43.58 0.69 -2.17	40.60 0.63 -0.50	38.58 0.49 -0.01	38.07 0.26 0.00
MILLIKEN___2 23585	37.64 0.22 0.00	34.81 0.21 0.00	33.84 0.24 0.00	33.81 0.24 0.00	33.14 0.26 0.00	35.04 0.48 0.00	46.54 0.91 0.00	48.79 0.95 -0.10	48.68 0.95 0.00	45.83 0.81 0.00	47.12 0.70 0.00	45.32 0.67 0.00	42.89 0.59 0.00	43.04 0.64 0.00	42.69 0.63 0.00	44.28 0.70 -0.06	52.80 0.87 -3.70	55.76 1.12 -3.76	63.79 1.22 -11.69	52.66 0.94 -4.57	43.58 0.69 -2.17	40.60 0.63 -0.50	38.58 0.49 -0.01	38.07 0.26 0.00
MILLIKEN___DIESEL 23629	37.64 0.22 0.00	34.81 0.21 0.00	33.84 0.24 0.00	33.81 0.24 0.00	33.14 0.26 0.00	35.04 0.48 0.00	46.54 0.91 0.00	48.79 0.95 -0.10	48.68 0.95 0.00	45.83 0.81 0.00	47.12 0.70 0.00	45.32 0.67 0.00	42.89 0.59 0.00	43.04 0.64 0.00	42.69 0.63 0.00	44.28 0.70 -0.06	52.80 0.87 -3.70	55.76 1.12 -3.76	63.79 1.22 -11.69	52.66 0.94 -4.57	43.58 0.69 -2.17	40.60 0.63 -0.50	38.58 0.49 -0.01	38.07 0.26 0.00
MILLSEAT___LFGE 323607	33.71 -3.71 0.00	31.31 -3.29 0.00	30.44 -3.16 0.00	30.55 -3.02 0.00	29.92 -2.96 0.00	31.65 -2.90 0.00	41.47 -4.15 0.00	42.55 -5.25 -0.07	42.57 -5.16 0.00	40.48 -4.55 0.00	41.32 -5.11 0.00	40.10 -4.55 0.00	37.77 -4.52 0.00	38.20 -4.20 0.00	37.69 -4.38 0.00	38.98 -4.53 0.02	41.07 -5.36 1.80	46.10 -5.24 -0.46	43.30 -4.98 2.59	40.86 -5.09 1.19	36.71 -4.24 -0.23	35.40 -4.14 -0.08	34.20 -3.88 -0.01	33.91 -3.89 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	38.95 1.53 0.00	35.98 1.38 0.00	34.98 1.38 0.00	34.95 1.38 0.00	34.23 1.35 0.00	36.11 1.55 0.00	48.41 2.78 0.00	51.44 3.20 -0.52	50.88 3.15 0.00	47.91 2.88 0.00	49.54 3.11 0.00	47.60 2.95 0.00	45.17 2.88 0.00	45.24 2.84 0.00	44.92 2.86 0.00	46.44 2.92 0.00	51.78 3.52 -0.03	62.55 3.82 -7.85	61.27 3.71 -6.68	54.10 3.39 -3.56	47.96 2.89 -4.35	43.26 2.64 -1.15	40.71 2.59 -0.05	39.93 2.12 0.00
MILLWOOD_13_KV_LOAD 356217	39.03 1.61 0.00	36.05 1.45 0.00	35.04 1.44 0.00	35.02 1.44 0.00	34.29 1.41 0.00	36.14 1.59 0.00	48.50 2.87 0.00	51.54 3.29 -0.52	50.97 3.25 0.00	48.00 2.97 0.00	49.63 3.20 0.00	47.69 3.04 0.00	45.21 2.92 0.00	45.32 2.93 0.00	44.96 2.90 0.00	46.57 3.05 0.00	51.88 3.62 -0.03	62.70 3.97 -7.85	61.42 3.87 -6.68	54.24 3.54 -3.56	48.08 3.01 -4.35	43.34 2.72 -1.15	40.75 2.63 -0.05	39.96 2.16 0.00
MODEL_CITY_ENERGY 24167	32.56 -4.86 0.00	30.27 -4.33 0.00	29.47 -4.13 0.00	29.61 -3.96 0.00	29.00 -3.88 0.00	30.58 -3.97 0.00	39.83 -5.80 0.00	40.59 -7.21 -0.07	40.52 -7.21 0.00	38.63 -6.39 0.00	39.51 -6.92 0.00	38.40 -6.25 0.00	36.12 -6.18 0.00	36.59 -5.81 0.00	36.09 -5.97 0.00	37.28 -6.23 0.02	39.27 -7.19 1.78	44.06 -7.28 -0.46	41.43 -6.92 2.53	39.14 -6.84 1.17	35.20 -5.74 -0.23	34.02 -5.53 -0.08	32.94 -5.14 -0.01	32.74 -5.07 0.00
MODERN_LFGE___ 323580	32.56 -4.86 0.00	30.27 -4.33 0.00	29.47 -4.13 0.00	29.61 -3.96 0.00	29.00 -3.88 0.00	30.58 -3.97 0.00	39.83 -5.80 0.00	40.59 -7.21 -0.07	40.52 -7.21 0.00	38.63 -6.39 0.00	39.51 -6.92 0.00	38.40 -6.25 0.00	36.12 -6.18 0.00	36.59 -5.81 0.00	36.09 -5.97 0.00	37.28 -6.23 0.02	39.27 -7.19 1.78	44.06 -7.28 -0.46	41.43 -6.92 2.53	39.14 -6.84 1.17	35.20 -5.74 -0.23	34.02 -5.53 -0.08	32.94 -5.14 -0.01	32.74 -5.07 0.00
MOHAWK_PAPER___DRP 24187	38.95 1.53 0.00	35.98 1.38 0.00	34.98 1.38 0.00	34.95 1.38 0.00	34.19 1.32 0.00	36.07 1.52 0.00	47.95 2.33 0.00	50.81 2.43 -0.64	50.21 2.48 0.00	47.32 2.30 0.00	48.65 2.23 0.00	46.75 2.10 0.00	44.20 1.90 0.00	44.31 1.91 0.00	44.04 1.98 0.00	45.57 2.05 0.00	50.68 2.41 -0.03	63.16 2.49 -9.79	61.74 2.54 -8.32	53.94 2.36 -4.43	48.13 2.00 -5.42	42.99 2.09 -1.43	40.19 2.06 -0.07	39.51 1.70 0.00
MOHICAN___35_KV_115KV_LD 80490	39.03 1.61 0.00	36.02 1.42 0.00	35.08 1.48 0.00	35.05 1.48 0.00	34.29 1.41 0.00	36.21 1.66 0.00	48.32 2.69 0.00	51.25 2.86 -0.66	50.74 3.01 0.00	47.68 2.66 0.00	49.16 2.74 0.00	46.88 2.23 0.00	44.16 1.86 0.00	44.10 1.70 0.00	43.83 1.77 0.00	45.35 1.83 0.00	50.63 2.36 -0.03	63.39 2.49 -10.02	61.94 2.54 -8.52	54.04 2.36 -4.54	48.22 1.95 -5.55	42.63 1.70 -1.47	39.78 1.64 -0.07	39.02 1.21 0.00
MONGAUP___HYD 23641	38.50 1.09 0.00	35.56 0.97 0.00	34.54 0.94 0.00	34.51 0.94 0.00	33.73 0.85 0.00	35.63 1.07 0.00	47.31 1.69 0.00	50.16 1.96 -0.47	49.64 1.91 0.00	46.56 1.53 0.00	48.09 1.67 0.00	46.17 1.52 0.00	43.73 1.44 0.00	43.84 1.44 0.00	43.53 1.47 0.00	45.05 1.52 0.00	50.19 1.93 -0.02	60.50 2.39 -7.22	59.26 2.24 -6.14	52.40 1.98 -3.27	46.39 1.67 -4.00	41.98 1.46 -1.06	39.57 1.45 -0.05	39.43 1.62 0.00
MONTAUK___DIESEL 23721	42.01 4.00 -0.58	40.85 3.81 -2.44	39.67 3.73 -2.34	37.70 3.79 -0.33	39.22 3.68 -2.66	47.02 3.94 -8.52	62.71 6.30 -10.79	72.04 6.54 -17.77	66.55 6.54 -12.29	62.68 6.21 -11.44	65.76 6.96 -12.38	64.57 6.65 -13.27	64.15 6.39 -15.47	65.61 6.44 -16.77	66.54 6.44 -18.05	69.42 6.57 -19.32	65.31 6.75 -10.32	80.50 7.63 -21.99	80.69 7.78 -22.03	68.87 7.02 -14.70	73.58 6.31 -26.56	72.07 6.20 -26.41	60.57 5.48 -17.02	52.71 4.92 -9.98
MOONROAD_115KV_HARTFLD_TB1-2 355988	34.76 -2.66 0.00	32.28 -2.32 0.00	31.38 -2.22 0.00	31.46 -2.12 0.00	30.77 -2.10 0.00	32.38 -2.18 0.00	42.29 -3.33 0.00	43.42 -4.39 -0.08	43.58 -4.15 0.00	41.15 -3.87 0.00	41.69 -4.74 0.00	40.59 -4.06 0.00	38.40 -3.89 0.00	38.75 -3.65 0.00	38.32 -3.74 0.00	39.58 -3.92 0.02	42.26 -4.20 1.78	46.98 -4.32 -0.42	44.31 -4.22 2.35	42.00 -3.96 1.19	37.29 -3.62 -0.20	35.76 -3.79 -0.08	34.84 -3.24 -0.01	34.52 -3.29 0.00
MORTIMER_115KV_TB3 55949	34.61 -2.81 0.00	32.11 -2.49 0.00	31.18 -2.42 0.00	31.26 -2.32 0.00	30.61 -2.27 0.00	32.34 -2.21 0.00	42.57 -3.06 0.00	44.21 -3.58 -0.06	44.39 -3.34 0.00	41.87 -3.15 0.00	42.80 -3.62 0.00	41.39 -3.26 0.00	39.21 -3.09 0.00	39.47 -2.93 0.00	39.03 -3.03 0.00	40.29 -3.22 0.01	42.50 -3.86 1.87	47.80 -3.56 -0.48	44.48 -3.66 2.74	42.29 -3.63 1.23	37.83 -3.14 -0.25	36.74 -2.80 -0.08	35.37 -2.70 -0.01	34.93 -2.87 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	39.18 1.76 0.00	36.19 1.59 0.00	35.18 1.58 0.00	35.15 1.58 0.00	34.46 1.58 0.00	36.32 1.76 0.00	48.77 3.15 0.00	51.92 3.68 -0.52	51.31 3.58 0.00	48.27 3.24 0.00	50.00 3.57 0.00	48.00 3.35 0.00	45.59 3.30 0.00	45.66 3.26 0.00	45.34 3.28 0.00	46.88 3.35 0.00	52.28 4.00 -0.04	63.10 4.32 -7.89	61.80 4.22 -6.70	54.58 3.87 -3.57	48.34 3.26 -4.36	43.66 3.04 -1.15	41.11 2.97 -0.07	40.27 2.46 -0.01

MUNSVILLE_WIND_PWR 323609	40.30 2.88 0.00	37.33 2.73 0.00	36.22 2.62 0.00	36.19 2.62 0.00	35.51 2.63 0.00	37.67 3.11 0.00	50.69 5.06 0.00	53.19 5.30 -0.16	52.84 5.11 0.00	49.79 4.77 0.00	50.84 4.41 0.00	48.76 4.11 0.00	46.27 3.97 0.00	46.38 3.98 0.00	46.06 4.00 0.00	47.91 4.35 -0.03	55.22 4.87 -2.11	60.20 5.65 -3.68	64.69 5.70 -8.11	55.40 4.95 -3.30	46.87 4.07 -2.09	43.69 3.71 -0.51	41.36 3.27 -0.02	40.83 3.03 0.00
N SALMON___HYD 24042	39.36 1.94 0.00	36.46 1.87 0.00	35.31 1.71 0.00	35.15 1.58 0.00	34.36 1.48 0.00	35.63 1.07 0.00	46.63 1.00 0.00	48.93 1.19 0.00	48.83 1.10 0.00	46.46 1.44 0.00	47.91 1.49 0.00	46.04 1.39 0.00	43.61 1.31 0.00	43.67 1.27 0.00	43.24 1.18 0.00	44.83 1.30 0.00	49.39 1.16 0.00	52.20 1.32 0.00	52.20 1.32 0.00	48.23 1.09 0.00	41.53 0.81 0.00	40.33 0.87 0.00	38.95 0.88 0.00	38.98 1.17 0.00
N.AKRON__115KV_KNAPP 355671	33.68 -3.74 0.00	31.28 -3.32 0.00	30.41 -3.19 0.00	30.55 -3.02 0.00	29.92 -2.96 0.00	31.62 -2.94 0.00	41.29 -4.33 0.00	42.45 -5.35 -0.07	42.76 -4.96 0.00	40.39 -4.64 0.00	41.09 -5.34 0.00	39.87 -4.78 0.00	37.81 -4.48 0.00	38.16 -4.24 0.00	37.64 -4.42 0.00	38.81 -4.70 0.02	40.98 -5.45 1.80	46.00 -5.34 -0.46	43.15 -5.14 2.59	40.82 -5.14 1.19	36.47 -4.48 -0.23	35.36 -4.18 -0.08	34.27 -3.81 -0.01	33.84 -3.97 0.00
N.BELMOR_69_KV_BK1 55787	40.36 2.36 -0.58	39.18 2.15 -2.44	38.05 2.12 -2.34	36.02 2.12 -0.33	37.64 2.10 -2.66	45.43 2.35 -8.52	60.30 3.88 -10.79	69.84 4.34 -17.77	64.26 4.25 -12.29	60.38 3.92 -11.44	62.98 4.18 -12.38	61.89 3.97 -13.26	61.66 3.89 -15.47	63.03 3.86 -16.77	63.98 3.87 -18.05	66.85 4.00 -19.32	63.29 4.73 -10.32	77.90 5.04 -21.99	77.89 4.99 -22.03	66.42 4.57 -14.70	71.10 3.83 -26.56	69.55 3.67 -26.41	58.59 3.50 -17.01	50.74 2.95 -9.98
N.E_GEN_SANDY PD 24062	47.40 1.57 -8.41	45.60 1.42 -9.58	44.60 1.41 -9.59	44.40 1.41 -9.42	44.30 1.38 -10.04	48.40 1.59 -12.26	59.10 2.51 -10.97	64.10 2.72 -13.65	64.13 2.77 -13.63	56.83 2.47 -9.33	55.92 2.79 -6.71	56.81 2.59 -9.57	53.89 2.49 -9.10	56.00 2.46 -11.14	57.40 2.48 -12.86	59.26 2.52 -13.21	65.15 2.99 -13.92	81.03 3.21 -26.94	72.81 3.21 -18.72	72.98 2.97 -22.86	62.07 2.53 -18.83	58.61 2.41 -16.74	55.84 2.32 -15.45	55.87 2.23 -15.83
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	38.80 1.38 0.00	35.84 1.25 0.00	34.84 1.24 0.00	34.81 1.24 0.00	34.13 1.25 0.00	35.97 1.42 0.00	48.23 2.60 0.00	51.19 2.96 -0.50	50.54 2.82 0.00	47.59 2.57 0.00	49.16 2.74 0.00	47.29 2.63 0.00	44.88 2.58 0.00	44.94 2.54 0.00	44.63 2.57 0.00	46.14 2.61 0.00	51.35 3.09 -0.03	61.94 3.46 -7.60	60.65 3.31 -6.47	53.61 3.02 -3.45	47.53 2.61 -4.21	42.99 2.41 -1.11	40.45 2.32 -0.05	39.66 1.85 0.00
N.QUEENS_27_KV_LOAD 356247	39.21 1.80 0.01	36.22 1.63 0.00	35.18 1.58 0.00	35.15 1.58 0.00	34.49 1.61 0.00	36.25 1.69 0.00	48.55 2.92 0.00	51.88 3.63 -0.52	51.44 3.72 0.01	48.31 3.29 0.00	50.05 3.62 0.00	48.04 3.39 0.00	45.81 3.51 0.00	45.88 3.48 0.00	45.59 3.53 0.01	47.05 3.53 0.00	52.57 4.29 -0.04	63.34 4.58 -7.88	61.99 4.43 -6.69	54.81 4.10 -3.56	48.46 3.38 -4.36	43.66 3.04 -1.15	41.03 2.89 -0.07	40.35 2.53 -0.01
N.TROY___115KV_TB1 355778	38.92 1.50 0.00	35.95 1.35 0.00	34.91 1.31 0.00	34.91 1.34 0.00	34.16 1.28 0.00	36.04 1.49 0.00	47.91 2.28 0.00	50.81 2.43 -0.65	50.16 2.43 0.00	47.28 2.25 0.00	48.79 2.37 0.00	46.84 2.19 0.00	44.28 1.99 0.00	44.39 1.99 0.00	44.08 2.02 0.00	45.61 2.09 0.00	50.73 2.46 -0.03	63.37 2.65 -9.85	61.95 2.70 -8.37	54.06 2.45 -4.46	48.29 2.12 -5.46	42.92 2.01 -1.44	40.12 1.98 -0.07	39.43 1.63 0.00
NARROWS_GT1_1 24228	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.68 1.81 0.00	36.56 2.00 0.00	49.05 3.42 0.00	105.11 4.11 -53.27	109.53 4.05 -57.75	48.49 3.47 0.00	50.28 3.85 0.00	48.22 3.57 0.00	46.03 3.68 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.28 3.70 -0.06	52.67 4.29 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.51 4.33 -64.03	93.30 3.67 -48.92	91.92 3.39 -49.06	41.39 3.23 -0.08	41.03 3.21 -0.01
NARROWS_GT1_2 24229	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.68 1.81 0.00	36.56 2.00 0.00	49.05 3.42 0.00	105.11 4.11 -53.27	109.53 4.05 -57.75	48.49 3.47 0.00	50.28 3.85 0.00	48.22 3.57 0.00	46.03 3.68 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.28 3.70 -0.06	52.67 4.29 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.51 4.33 -64.03	93.30 3.67 -48.92	91.92 3.39 -49.06	41.39 3.23 -0.08	41.03 3.21 -0.01
NARROWS_GT1_3 24230	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.68 1.81 0.00	36.56 2.00 0.00	49.05 3.42 0.00	105.11 4.11 -53.27	109.53 4.05 -57.75	48.49 3.47 0.00	50.28 3.85 0.00	48.22 3.57 0.00	46.03 3.68 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.28 3.70 -0.06	52.67 4.29 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.51 4.33 -64.03	93.30 3.67 -48.92	91.92 3.39 -49.06	41.39 3.23 -0.08	41.03 3.21 -0.01
NARROWS_GT1_4 24231	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.68 1.81 0.00	36.56 2.00 0.00	49.05 3.42 0.00	105.11 4.11 -53.27	109.53 4.05 -57.75	48.49 3.47 0.00	50.28 3.85 0.00	48.22 3.57 0.00	46.03 3.68 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.28 3.70 -0.06	52.67 4.29 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.51 4.33 -64.03	93.30 3.67 -48.92	91.92 3.39 -49.06	41.39 3.23 -0.08	41.03 3.21 -0.01
NARROWS_GT1_5 24232	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.68 1.81 0.00	36.56 2.00 0.00	49.05 3.42 0.00	105.11 4.11 -53.27	109.53 4.05 -57.75	48.49 3.47 0.00	50.28 3.85 0.00	48.22 3.57 0.00	46.03 3.68 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.28 3.70 -0.06	52.67 4.29 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.51 4.33 -64.03	93.30 3.67 -48.92	91.92 3.39 -49.06	41.39 3.23 -0.08	41.03 3.21 -0.01
NARROWS_GT1_6 24233	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.68 1.81 0.00	36.56 2.00 0.00	49.05 3.42 0.00	105.11 4.11 -53.27	109.53 4.05 -57.75	48.49 3.47 0.00	50.28 3.85 0.00	48.22 3.57 0.00	46.03 3.68 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.28 3.70 -0.06	52.67 4.29 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.51 4.33 -64.03	93.30 3.67 -48.92	91.92 3.39 -49.06	41.39 3.23 -0.08	41.03 3.21 -0.01
NARROWS_GT1_7 24234	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.68 1.81 0.00	36.56 2.00 0.00	49.05 3.42 0.00	105.11 4.11 -53.27	109.53 4.05 -57.75	48.49 3.47 0.00	50.28 3.85 0.00	48.22 3.57 0.00	46.03 3.68 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.28 3.70 -0.06	52.67 4.29 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.51 4.33 -64.03	93.30 3.67 -48.92	91.92 3.39 -49.06	41.39 3.23 -0.08	41.03 3.21 -0.01

NARROWS_GT1_8 24235	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.68 1.81 0.00	36.56 2.00 0.00	49.05 3.42 0.00	105.11 4.11 -53.27	109.53 4.05 -57.75	48.49 3.47 0.00	50.28 3.85 0.00	48.22 3.57 0.00	46.03 3.68 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.28 3.70 -0.06	52.67 4.29 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.51 4.33 -64.03	93.30 3.67 -48.92	91.92 3.39 -49.06	41.39 3.23 -0.08	41.03 3.21 -0.01
NARROWS_GT2_1 24236	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.68 1.81 0.00	36.56 2.00 0.00	49.05 3.42 0.00	105.11 4.11 -53.27	109.53 4.05 -57.75	48.49 3.47 0.00	50.28 3.85 0.00	48.22 3.57 0.00	46.03 3.68 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.28 3.70 -0.06	52.67 4.29 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.51 4.33 -64.03	93.30 3.67 -48.92	91.92 3.39 -49.06	41.39 3.23 -0.08	41.03 3.21 -0.01
NARROWS_GT2_2 24237	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.68 1.81 0.00	36.56 2.00 0.00	49.05 3.42 0.00	105.11 4.11 -53.27	109.53 4.05 -57.75	48.49 3.47 0.00	50.28 3.85 0.00	48.22 3.57 0.00	46.03 3.68 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.28 3.70 -0.06	52.67 4.29 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.51 4.33 -64.03	93.30 3.67 -48.92	91.92 3.39 -49.06	41.39 3.23 -0.08	41.03 3.21 -0.01
NARROWS_GT2_3 24238	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.68 1.81 0.00	36.56 2.00 0.00	49.05 3.42 0.00	105.11 4.11 -53.27	109.53 4.05 -57.75	48.49 3.47 0.00	50.28 3.85 0.00	48.22 3.57 0.00	46.03 3.68 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.28 3.70 -0.06	52.67 4.29 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.51 4.33 -64.03	93.30 3.67 -48.92	91.92 3.39 -49.06	41.39 3.23 -0.08	41.03 3.21 -0.01
NARROWS_GT2_4 24239	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.68 1.81 0.00	36.56 2.00 0.00	49.05 3.42 0.00	105.11 4.11 -53.27	109.53 4.05 -57.75	48.49 3.47 0.00	50.28 3.85 0.00	48.22 3.57 0.00	46.03 3.68 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.28 3.70 -0.06	52.67 4.29 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.51 4.33 -64.03	93.30 3.67 -48.92	91.92 3.39 -49.06	41.39 3.23 -0.08	41.03 3.21 -0.01
NARROWS_GT2_5 24240	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.68 1.81 0.00	36.56 2.00 0.00	49.05 3.42 0.00	105.11 4.11 -53.27	109.53 4.05 -57.75	48.49 3.47 0.00	50.28 3.85 0.00	48.22 3.57 0.00	46.03 3.68 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.28 3.70 -0.06	52.67 4.29 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.51 4.33 -64.03	93.30 3.67 -48.92	91.92 3.39 -49.06	41.39 3.23 -0.08	41.03 3.21 -0.01
NARROWS_GT2_6 24241	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.68 1.81 0.00	36.56 2.00 0.00	49.05 3.42 0.00	105.11 4.11 -53.27	109.53 4.05 -57.75	48.49 3.47 0.00	50.28 3.85 0.00	48.22 3.57 0.00	46.03 3.68 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.28 3.70 -0.06	52.67 4.29 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.51 4.33 -64.03	93.30 3.67 -48.92	91.92 3.39 -49.06	41.39 3.23 -0.08	41.03 3.21 -0.01
NARROWS_GT2_7 24242	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.68 1.81 0.00	36.56 2.00 0.00	49.05 3.42 0.00	105.11 4.11 -53.27	109.53 4.05 -57.75	48.49 3.47 0.00	50.28 3.85 0.00	48.22 3.57 0.00	46.03 3.68 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.28 3.70 -0.06	52.67 4.29 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.51 4.33 -64.03	93.30 3.67 -48.92	91.92 3.39 -49.06	41.39 3.23 -0.08	41.03 3.21 -0.01
NARROWS_GT2_8 24243	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.68 1.81 0.00	36.56 2.00 0.00	49.05 3.42 0.00	105.11 4.11 -53.27	109.53 4.05 -57.75	48.49 3.47 0.00	50.28 3.85 0.00	48.22 3.57 0.00	46.03 3.68 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.28 3.70 -0.06	52.67 4.29 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.51 4.33 -64.03	93.30 3.67 -48.92	91.92 3.39 -49.06	41.39 3.23 -0.08	41.03 3.21 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	39.70 2.28 0.00	36.64 2.04 0.00	35.58 1.98 0.00	35.55 1.98 0.00	34.72 1.84 0.00	36.59 2.04 0.00	48.45 2.83 0.00	51.15 2.82 -0.60	50.59 2.86 0.00	47.55 2.52 0.00	48.61 2.18 0.00	46.66 2.01 0.00	43.94 1.65 0.00	44.10 1.70 0.00	43.79 1.72 0.00	45.40 1.87 0.00	50.58 2.32 -0.03	62.27 2.19 -9.21	61.05 2.34 -7.83	53.49 2.17 -4.17	47.69 1.87 -5.10	42.83 2.01 -1.35	40.42 2.28 -0.06	39.77 1.97 0.00
NCHELSEA_115KV_TR2 355582	39.10 1.68 0.00	36.12 1.52 0.00	35.11 1.51 0.00	35.08 1.51 0.00	34.32 1.45 0.00	36.18 1.62 0.00	48.45 2.83 0.00	51.40 3.15 -0.52	50.93 3.20 0.00	47.91 2.88 0.00	49.49 3.06 0.00	47.55 2.90 0.00	45.04 2.75 0.00	45.11 2.71 0.00	44.80 2.73 0.00	46.35 2.83 0.00	51.69 3.42 -0.03	62.61 3.77 -7.96	61.32 3.66 -6.77	54.10 3.35 -3.61	47.98 2.85 -4.41	43.24 2.60 -1.17	40.68 2.55 -0.05	39.89 2.08 0.00
NEG CAPITAL___MECHNVIL 23645	39.29 1.87 0.00	36.26 1.66 0.00	35.25 1.65 0.00	35.22 1.64 0.00	34.49 1.61 0.00	36.42 1.86 0.00	48.45 2.83 0.00	51.35 2.96 -0.65	50.79 3.06 0.00	47.73 2.70 0.00	49.30 2.88 0.00	47.24 2.59 0.00	44.62 2.32 0.00	44.69 2.29 0.00	44.37 2.31 0.00	45.96 2.44 0.00	51.16 2.89 -0.03	63.94 3.10 -9.96	62.50 3.16 -8.47	54.58 2.92 -4.51	48.72 2.48 -5.52	43.17 2.25 -1.46	40.35 2.21 -0.07	39.81 2.00 0.00
NEG CENTRAL_HIGH_ACRES 23767	34.54 -2.88 0.00	32.00 -2.60 0.00	31.08 -2.52 0.00	31.12 -2.45 0.00	30.48 -2.40 0.00	32.27 -2.28 0.00	42.66 -2.96 0.00	44.36 -3.44 -0.06	44.34 -3.39 0.00	41.96 -3.06 0.00	43.04 -3.39 0.00	41.52 -3.13 0.00	39.25 -3.05 0.00	39.51 -2.88 0.00	39.08 -2.99 0.00	40.43 -3.09 0.01	42.52 -3.67 2.05	47.99 -3.46 -0.58	44.30 -3.51 3.07	42.29 -3.54 1.32	38.09 -2.93 -0.31	36.79 -2.76 -0.09	35.41 -2.67 -0.01	34.97 -2.84 0.00
NEG CENTRAL___DRP 24199	36.56 -0.86 0.00	33.84 -0.76 0.00	32.86 -0.74 0.00	32.87 -0.71 0.00	32.22 -0.66 0.00	34.11 -0.45 0.00	45.12 -0.50 0.00	47.18 -0.62 -0.07	47.16 -0.57 0.00	44.44 -0.59 0.00	45.64 -0.79 0.00	43.94 -0.71 0.00	41.53 -0.76 0.00	41.72 -0.68 0.00	41.30 -0.76 0.00	42.73 -0.78 0.01	51.25 -0.82 -3.83	50.76 -0.61 -0.50	60.22 -0.56 -9.90	49.59 -0.71 -3.16	40.24 -0.73 -0.25	38.92 -0.63 -0.08	37.39 -0.69 -0.01	36.90 -0.91 0.00
NEG CENTRAL___INDECK 23768	35.06 -2.36 0.00	32.49 -2.11 0.00	31.55 -2.05 0.00	31.56 -2.01 0.00	30.97 -1.91 0.00	32.90 -1.66 0.00	43.57 -2.05 0.00	45.24 -2.58 -0.09	45.20 -2.53 0.00	42.68 -2.34 0.00	43.59 -2.83 0.00	42.02 -2.63 0.00	39.59 -2.71 0.00	39.94 -2.46 0.00	39.49 -2.57 0.00	40.75 -2.74 0.03	43.38 -3.13 1.72	48.15 -2.90 -0.17	45.31 -2.80 2.77	42.91 -2.97 1.26	38.20 -2.56 -0.05	36.91 -2.61 -0.05	35.49 -2.59 -0.01	35.16 -2.65 0.00



NEG CENTRAL___SENECA 23627	36.56 -0.86 0.00	33.84 -0.76 0.00	32.89 -0.71 0.00	32.90 -0.67 0.00	32.25 -0.62 0.00	34.17 -0.38 0.00	45.12 -0.50 0.00	47.09 -0.72 -0.07	47.11 -0.62 0.00	44.39 -0.63 0.00	45.50 -0.93 0.00	43.80 -0.85 0.00	41.41 -0.89 0.00	41.68 -0.72 0.00	41.22 -0.84 0.00	42.63 -0.87 0.03	53.49 -0.92 -6.17	50.38 -0.66 -0.16	65.15 -0.61 -14.88	51.14 -0.80 -4.79	39.91 -0.86 -0.05	38.84 -0.67 -0.04	37.36 -0.72 -0.01	36.86 -0.95 0.00
NEG CENTRAL___STATE_STREET 24147	36.78 -0.64 0.00	34.04 -0.55 0.00	33.06 -0.54 0.00	33.03 -0.54 0.00	32.38 -0.49 0.00	34.28 -0.28 0.00	45.44 -0.18 0.00	47.61 -0.19 -0.07	47.63 -0.10 0.00	44.93 -0.09 0.00	46.19 -0.23 0.00	44.43 -0.22 0.00	42.04 -0.25 0.00	42.19 -0.21 0.00	41.81 -0.25 0.00	43.22 -0.30 -0.01	49.39 -0.29 -1.45	52.01 -0.10 -1.23	55.85 -0.10 -5.07	48.58 -0.24 -1.67	41.08 -0.33 -0.69	39.32 -0.32 -0.18	37.66 -0.42 -0.01	37.17 -0.64 0.00
NEG MILLWOOD___DRP 24198	39.29 1.87 0.00	36.29 1.70 0.00	35.25 1.65 0.00	35.25 1.68 0.00	34.46 1.58 0.00	36.28 1.73 0.00	48.68 3.06 0.00	51.75 3.48 -0.53	51.26 3.53 0.00	48.22 3.20 0.00	49.81 3.39 0.00	47.82 3.17 0.00	45.21 2.92 0.00	45.37 2.97 0.00	44.96 2.90 0.00	46.66 3.13 0.00	52.12 3.86 -0.03	63.08 4.12 -8.08	61.82 4.07 -6.87	54.53 3.72 -3.66	48.37 3.18 -4.47	43.53 2.88 -1.18	40.87 2.74 -0.06	40.08 2.27 0.00
NEG NORTH_FLCN_SEA 23793	39.74 2.32 0.00	36.81 2.21 0.00	35.65 2.05 0.00	35.49 1.91 0.00	34.75 1.87 0.00	35.80 1.24 0.00	46.86 1.23 0.00	49.12 1.38 0.00	49.06 1.34 0.00	46.51 1.49 0.00	48.14 1.72 0.00	46.17 1.52 0.00	43.73 1.44 0.00	43.76 1.36 0.00	43.37 1.30 0.00	44.92 1.39 0.00	49.44 1.21 0.00	52.35 1.48 0.00	52.35 1.48 0.00	48.37 1.23 0.00	41.77 1.06 0.00	40.41 0.95 0.00	38.95 0.88 0.00	39.66 1.85 0.00
NEG NORTH_KES_CHATEGAY 23792	39.29 1.87 0.00	36.36 1.76 0.00	35.21 1.61 0.00	35.08 1.51 0.00	34.32 1.45 0.00	35.59 1.04 0.00	46.54 0.91 0.00	48.73 1.00 0.00	48.68 0.95 0.00	46.15 1.13 0.00	47.73 1.30 0.00	45.81 1.16 0.00	43.39 1.10 0.00	43.46 1.06 0.00	43.07 1.01 0.00	44.61 1.09 0.00	49.15 0.92 0.00	52.00 1.12 0.00	52.00 1.12 0.00	48.09 0.94 0.00	41.53 0.81 0.00	40.22 0.75 0.00	38.76 0.69 0.00	39.21 1.40 0.00
NEG NORTH___ALICE_FALLS 23915	39.81 2.39 0.00	36.88 2.28 0.00	35.72 2.12 0.00	35.55 1.98 0.00	34.78 1.91 0.00	35.97 1.42 0.00	47.13 1.51 0.00	49.40 1.67 0.00	49.30 1.58 0.00	46.78 1.76 0.00	48.42 2.00 0.00	46.44 1.79 0.00	43.99 1.69 0.00	44.01 1.61 0.00	43.58 1.51 0.00	45.18 1.65 0.00	49.73 1.50 0.00	52.71 1.83 0.00	52.76 1.88 0.00	48.70 1.56 0.00	42.02 1.30 0.00	40.65 1.18 0.00	39.18 1.10 0.00	39.70 1.89 0.00
NEG NORTH___LWR_SARANAC 23913	39.81 2.39 0.00	36.88 2.28 0.00	35.72 2.12 0.00	35.55 1.98 0.00	34.78 1.91 0.00	35.97 1.42 0.00	47.13 1.51 0.00	49.40 1.67 0.00	49.30 1.58 0.00	46.78 1.76 0.00	48.42 2.00 0.00	46.44 1.79 0.00	43.99 1.69 0.00	44.01 1.61 0.00	43.58 1.51 0.00	45.18 1.65 0.00	49.73 1.50 0.00	52.71 1.83 0.00	52.76 1.88 0.00	48.70 1.56 0.00	42.02 1.30 0.00	40.65 1.18 0.00	39.18 1.10 0.00	39.70 1.89 0.00
NEG NORTH___PLATTSBURG 23628	39.82 2.40 0.00	36.88 2.28 0.00	35.72 2.12 0.00	35.55 1.98 0.00	34.78 1.91 0.00	35.94 1.38 0.00	47.08 1.46 0.00	49.40 1.67 0.00	49.30 1.57 0.00	46.83 1.80 0.00	48.33 1.90 0.00	46.44 1.79 0.00	43.99 1.69 0.00	44.01 1.61 0.00	43.57 1.51 0.00	45.18 1.65 0.00	49.78 1.54 0.00	52.71 1.83 0.00	52.71 1.83 0.00	48.70 1.55 0.00	41.94 1.22 0.00	40.65 1.18 0.00	39.18 1.10 0.00	39.43 1.62 0.00
NEG WEST_LEA_LOCKPORT 23791	32.93 -4.49 0.00	30.62 -3.98 0.00	29.80 -3.80 0.00	29.95 -3.63 0.00	29.36 -3.52 0.00	30.89 -3.66 0.00	40.20 -5.43 0.00	41.16 -6.63 -0.07	41.38 -6.35 0.00	39.17 -5.85 0.00	39.88 -6.55 0.00	38.80 -5.85 0.00	36.71 -5.58 0.00	37.10 -5.30 0.00	36.59 -5.47 0.00	37.72 -5.79 0.02	39.79 -6.66 1.79	44.67 -6.67 -0.45	41.81 -6.51 2.56	39.70 -6.27 1.18	35.48 -5.46 -0.22	34.42 -5.13 -0.08	33.47 -4.61 -0.01	33.08 -4.73 0.00
NEG WEST___LANCASTR 23811	34.65 -2.77 0.00	32.21 -2.39 0.00	31.38 -2.22 0.00	31.49 -2.08 0.00	30.87 -2.01 0.00	32.52 -2.04 0.00	42.39 -3.24 0.00	43.56 -4.25 -0.08	43.77 -3.96 0.00	41.42 -3.60 0.00	42.15 -4.27 0.00	41.03 -3.62 0.00	38.78 -3.51 0.00	39.13 -3.26 0.00	38.65 -3.41 0.00	39.80 -3.70 0.02	43.20 -3.28 1.75	46.87 -4.48 -0.47	45.02 -3.71 2.15	43.02 -2.97 1.15	37.89 -3.05 -0.22	35.68 -3.87 -0.09	35.26 -2.82 -0.01	34.78 -3.02 0.00
NEG_PENN_ALLEGHNY 23528	37.42 0.00 0.00	34.63 0.03 0.00	33.67 0.07 0.00	33.64 0.07 0.00	32.98 0.10 0.00	34.83 0.28 0.00	46.22 0.59 0.00	48.38 0.48 -0.17	48.16 0.43 0.00	45.43 0.40 0.00	46.79 0.37 0.00	45.01 0.36 0.00	42.59 0.30 0.00	42.74 0.34 0.00	42.40 0.33 0.00	43.87 0.35 0.00	48.98 0.48 -0.27	54.10 0.61 -2.60	54.92 0.66 -3.38	49.09 0.57 -1.38	42.56 0.41 -1.44	40.13 0.28 -0.38	38.24 0.15 -0.02	38.04 0.23 0.00
NEG___GEN_MONROE 24207	34.58 -2.84 0.00	32.07 -2.53 0.00	31.18 -2.42 0.00	31.26 -2.32 0.00	30.61 -2.27 0.00	32.38 -2.18 0.00	42.48 -3.15 0.00	43.98 -3.82 -0.06	44.24 -3.48 0.00	41.69 -3.33 0.00	42.62 -3.81 0.00	41.21 -3.44 0.00	38.95 -3.34 0.00	39.22 -3.18 0.00	38.70 -3.36 0.00	39.94 -3.57 0.01	42.17 -4.20 1.87	47.39 -3.97 -0.48	44.23 -3.92 2.73	42.01 -3.91 1.23	37.58 -3.38 -0.25	36.55 -3.00 -0.08	35.22 -2.86 -0.01	34.86 -2.95 0.00
NEPA___ENERGY 23901	34.16 -3.26 0.00	31.76 -2.84 0.00	30.95 -2.65 0.00	31.05 -2.52 0.00	30.44 -2.43 0.00	32.03 -2.52 0.00	41.84 -3.79 0.00	42.85 -4.96 -0.08	42.96 -4.77 0.00	40.66 -4.37 0.00	41.36 -5.06 0.00	40.28 -4.38 0.00	38.11 -4.19 0.00	38.41 -3.99 0.00	37.94 -4.12 0.00	39.11 -4.40 0.02	41.75 -4.73 1.76	46.36 -4.99 -0.47	43.88 -4.78 2.21	41.56 -4.43 1.16	36.99 -3.95 -0.22	35.57 -3.99 -0.09	34.62 -3.46 -0.01	34.29 -3.52 0.00
NEVERSINK___HYD 23608	39.14 1.72 0.00	36.16 1.56 0.00	35.11 1.51 0.00	35.08 1.51 0.00	34.29 1.41 0.00	36.18 1.62 0.00	48.55 2.92 0.00	51.40 3.20 -0.47	50.93 3.20 0.00	47.82 2.79 0.00	49.44 3.02 0.00	47.51 2.86 0.00	45.00 2.71 0.00	45.07 2.67 0.00	44.76 2.69 0.00	46.31 2.79 0.00	51.58 3.33 -0.02	61.85 3.86 -7.11	60.63 3.71 -6.04	53.71 3.35 -3.22	47.50 2.85 -3.94	42.99 2.49 -1.04	40.56 2.44 -0.05	40.11 2.31 0.00
NEWKRMKL_115KV_TB1 55635	38.84 1.42 0.00	35.88 1.28 0.00	34.88 1.28 0.00	34.85 1.28 0.00	34.09 1.22 0.00	35.97 1.42 0.00	47.77 2.14 0.00	50.62 2.24 -0.64	50.02 2.29 0.00	47.14 2.12 0.00	48.33 1.90 0.00	46.44 1.79 0.00	43.86 1.56 0.00	43.97 1.57 0.00	43.66 1.60 0.00	45.18 1.65 0.00	50.25 1.98 -0.03	62.63 1.98 -9.77	61.27 2.09 -8.31	53.51 1.93 -4.43	47.80 1.67 -5.41	42.83 1.93 -1.43	40.04 1.90 -0.07	39.40 1.59 0.00

NEWTON___FALLS_HYD 23847	37.23 -0.19 0.00	34.46 -0.14 0.00	33.40 -0.20 0.00	33.34 -0.24 0.00	32.58 -0.30 0.00	33.97 -0.59 0.00	44.76 -0.87 0.00	46.98 -0.76 -0.01	46.96 -0.76 0.00	44.62 -0.41 0.00	45.87 -0.56 0.00	44.07 -0.58 0.00	41.75 -0.55 0.00	41.85 -0.55 0.00	41.51 -0.55 0.00	43.04 -0.48 0.00	47.66 -0.58 0.00	50.38 -0.71 -0.22	50.35 -0.71 -0.18	46.21 -1.04 -0.10	39.82 -1.02 -0.12	38.63 -0.87 -0.03	37.27 -0.80 0.00	37.24 -0.57 0.00
NGRID_A1_DSASP 323792	32.03 -5.39 0.00	29.79 -4.81 0.00	29.03 -4.57 0.00	29.18 -4.40 0.00	28.60 -4.27 0.00	30.10 -4.46 0.00	39.28 -6.34 0.00	39.92 -7.88 -0.07	39.85 -7.88 0.00	38.05 -6.98 0.00	38.90 -7.52 0.00	37.82 -6.83 0.00	35.57 -6.73 0.00	36.08 -6.32 0.00	35.54 -6.52 0.00	36.72 -6.79 0.02	38.56 -7.91 1.76	43.40 -7.94 -0.46	40.43 -7.94 2.51	38.49 -7.50 1.16	34.71 -6.23 -0.23	33.59 -5.96 -0.08	32.60 -5.48 -0.01	32.33 -5.48 0.00
NGRID_A2_DSASP 323793	32.03 -5.39 0.00	29.79 -4.81 0.00	29.03 -4.57 0.00	29.18 -4.40 0.00	28.60 -4.27 0.00	30.10 -4.46 0.00	39.28 -6.34 0.00	39.92 -7.88 -0.07	39.85 -7.88 0.00	38.05 -6.98 0.00	38.90 -7.52 0.00	37.82 -6.83 0.00	35.57 -6.73 0.00	36.08 -6.32 0.00	35.54 -6.52 0.00	36.72 -6.79 0.02	38.56 -7.91 1.76	43.40 -7.94 -0.46	40.43 -7.94 2.51	38.49 -7.50 1.16	34.71 -6.23 -0.23	33.59 -5.96 -0.08	32.60 -5.48 -0.01	32.33 -5.48 0.00
NGRID_A4_DSASP 323807	32.03 -5.39 0.00	29.79 -4.81 0.00	29.03 -4.57 0.00	29.18 -4.40 0.00	28.60 -4.27 0.00	30.10 -4.46 0.00	39.28 -6.34 0.00	39.92 -7.88 -0.07	39.85 -7.88 0.00	38.05 -6.98 0.00	38.90 -7.52 0.00	37.82 -6.83 0.00	35.57 -6.73 0.00	36.08 -6.32 0.00	35.54 -6.52 0.00	36.72 -6.79 0.02	38.56 -7.91 1.76	43.40 -7.94 -0.46	40.43 -7.94 2.51	38.49 -7.50 1.16	34.71 -6.23 -0.23	33.59 -5.96 -0.08	32.60 -5.48 -0.01	32.33 -5.48 0.00
NIAGARA_115E_LBMP 323715	32.33 -5.09 0.00	30.07 -4.53 0.00	29.27 -4.33 0.00	29.41 -4.16 0.00	28.83 -4.05 0.00	30.34 -4.22 0.00	39.51 -6.11 0.00	40.21 -7.59 -0.07	40.14 -7.59 0.00	38.32 -6.71 0.00	39.18 -7.24 0.00	38.09 -6.56 0.00	35.83 -6.47 0.00	36.29 -6.10 0.00	35.79 -6.27 0.00	36.98 -6.53 0.02	38.89 -7.57 1.77	43.65 -7.68 -0.46	41.09 -7.28 2.52	38.77 -7.21 1.17	34.91 -6.03 -0.22	33.75 -5.80 -0.08	32.71 -5.37 -0.01	32.51 -5.29 0.00
NIAGARA_115W_LBMP 323714	31.95 -5.46 0.00	29.72 -4.88 0.00	28.96 -4.64 0.00	29.11 -4.46 0.00	28.51 -4.37 0.00	29.99 -4.56 0.00	39.19 -6.43 0.00	39.83 -7.97 -0.07	39.71 -8.02 0.00	37.96 -7.07 0.00	38.81 -7.61 0.00	37.73 -6.92 0.00	35.49 -6.81 0.00	35.96 -6.44 0.00	35.46 -6.60 0.00	36.63 -6.88 0.02	38.47 -8.01 1.76	43.25 -8.09 -0.46	40.33 -8.04 2.51	38.40 -7.59 1.16	34.59 -6.35 -0.23	33.51 -6.04 -0.08	32.52 -5.56 -0.01	32.25 -5.56 0.00
NIAGARA_230_LBMP 323716	32.59 -4.83 0.00	30.31 -4.29 0.00	29.50 -4.10 0.00	29.68 -3.89 0.00	29.06 -3.81 0.00	30.58 -3.97 0.00	39.97 -5.66 0.00	40.63 -7.16 -0.06	40.57 -7.16 0.00	38.68 -6.35 0.00	39.60 -6.82 0.00	38.49 -6.16 0.00	36.21 -6.09 0.00	36.67 -5.72 0.00	36.17 -5.89 0.00	37.37 -6.14 0.02	39.34 -7.14 1.76	44.11 -7.22 -0.46	41.26 -7.12 2.50	39.21 -6.79 1.15	35.29 -5.66 -0.23	34.14 -5.41 -0.08	33.09 -4.99 -0.01	32.89 -4.91 0.00
NIAGARA___115KV_198_GIBSON 55903	31.96 -5.46 0.00	29.72 -4.88 0.00	28.93 -4.67 0.00	29.11 -4.47 0.00	28.51 -4.37 0.00	29.99 -4.56 0.00	38.96 -6.66 0.00	39.83 -7.97 -0.07	40.00 -7.73 0.00	37.91 -7.11 0.00	38.63 -7.80 0.00	37.55 -7.10 0.00	35.57 -6.72 0.00	35.95 -6.44 0.00	35.46 -6.60 0.00	36.50 -7.01 0.02	38.42 -8.06 1.76	43.25 -8.09 -0.46	40.23 -8.14 2.51	38.35 -7.64 1.16	34.39 -6.56 -0.23	33.47 -6.08 -0.08	32.56 -5.52 -0.01	32.21 -5.60 0.00
NIAGARA____ 23760	32.59 -4.83 0.00	30.31 -4.29 0.00	29.50 -4.10 0.00	29.68 -3.89 0.00	29.06 -3.81 0.00	30.58 -3.97 0.00	39.97 -5.66 0.00	40.64 -7.16 -0.06	40.57 -7.16 0.00	38.68 -6.35 0.00	39.60 -6.82 0.00	38.49 -6.16 0.00	36.21 -6.09 0.00	36.67 -5.72 0.00	36.17 -5.89 0.00	37.37 -6.14 0.02	39.34 -7.14 1.76	44.11 -7.22 -0.46	41.25 -7.12 2.50	39.20 -6.79 1.16	35.28 -5.66 -0.23	34.14 -5.41 -0.08	33.09 -4.99 -0.01	32.89 -4.91 0.00
NINE_MILE_1 23575	35.74 -1.68 0.00	33.04 -1.56 0.00	32.09 -1.51 0.00	32.10 -1.48 0.00	31.43 -1.45 0.00	33.14 -1.42 0.00	43.85 -1.78 0.00	45.85 -1.91 -0.03	45.82 -1.91 0.00	43.22 -1.80 0.00	44.52 -1.91 0.00	42.86 -1.79 0.00	40.56 -1.74 0.00	40.70 -1.70 0.00	40.34 -1.73 0.00	41.78 -1.74 0.00	46.26 -1.98 0.00	49.38 -1.99 -0.49	49.31 -1.99 -0.41	45.43 -1.94 -0.22	39.31 -1.67 -0.27	37.92 -1.62 -0.07	36.51 -1.56 0.00	36.22 -1.59 0.00
NINE_MILE_2 23744	35.74 -1.68 0.00	33.04 -1.56 0.00	32.09 -1.51 0.00	32.10 -1.48 0.00	31.43 -1.45 0.00	33.14 -1.42 0.00	43.85 -1.78 0.00	45.85 -1.91 -0.03	45.82 -1.91 0.00	43.22 -1.80 0.00	44.52 -1.91 0.00	42.86 -1.79 0.00	40.56 -1.74 0.00	40.70 -1.70 0.00	40.34 -1.73 0.00	41.78 -1.74 0.00	46.26 -1.98 0.00	49.38 -1.99 -0.49	49.31 -1.99 -0.41	45.43 -1.94 -0.22	39.31 -1.67 -0.27	37.92 -1.62 -0.07	36.51 -1.56 0.00	36.22 -1.59 0.00
NM_CAPITAL___DRP 24208	38.84 1.42 0.00	35.88 1.28 0.00	34.84 1.24 0.00	34.85 1.28 0.00	34.09 1.22 0.00	35.94 1.38 0.00	47.77 2.14 0.00	50.61 2.24 -0.64	50.02 2.29 0.00	47.14 2.12 0.00	48.37 1.95 0.00	46.48 1.83 0.00	43.94 1.65 0.00	44.05 1.65 0.00	43.74 1.68 0.00	45.26 1.74 0.00	50.34 2.07 -0.03	62.71 2.09 -9.74	61.30 2.14 -8.29	53.59 2.03 -4.42	47.86 1.75 -5.40	42.87 1.97 -1.43	40.04 1.90 -0.07	39.40 1.59 0.00
NM_CENTRAL___DRP 24181	36.33 -1.09 0.00	33.59 -1.00 0.00	32.63 -0.97 0.00	32.63 -0.94 0.00	31.96 -0.92 0.00	33.76 -0.79 0.00	44.71 -0.91 0.00	46.82 -0.95 -0.05	46.82 -0.91 0.00	44.17 -0.86 0.00	45.45 -0.97 0.00	43.76 -0.89 0.00	41.41 -0.89 0.00	41.55 -0.85 0.00	41.22 -0.84 0.00	42.65 -0.87 0.00	47.27 -0.96 0.00	50.67 -0.92 -0.70	51.05 -0.92 -1.09	46.52 -0.94 -0.32	40.21 -0.90 -0.39	38.74 -0.83 -0.10	37.20 -0.88 0.00	36.79 -1.02 0.00
NM_FRONTIER___DRP 24179	31.96 -5.46 0.00	29.72 -4.88 0.00	28.93 -4.67 0.00	29.11 -4.47 0.00	28.51 -4.37 0.00	29.99 -4.56 0.00	38.96 -6.66 0.00	39.83 -7.97 -0.07	40.00 -7.73 0.00	37.91 -7.11 0.00	38.63 -7.80 0.00	37.55 -7.10 0.00	35.57 -6.72 0.00	35.95 -6.44 0.00	35.46 -6.60 0.00	36.50 -7.01 0.02	38.42 -8.06 1.76	43.25 -8.09 -0.46	40.23 -8.14 2.51	38.35 -7.64 1.16	34.39 -6.56 -0.23	33.47 -6.08 -0.08	32.56 -5.52 -0.01	32.21 -5.60 0.00
NM_ST_REGIS___HYD 24053	38.28 0.86 0.00	35.43 0.83 0.00	34.34 0.74 0.00	34.21 0.64 0.00	33.40 0.53 0.00	34.55 0.00 0.00	45.12 -0.50 0.00	47.30 -0.43 0.00	47.30 -0.43 0.00	45.11 0.09 0.00	46.47 0.05 0.00	44.61 -0.04 0.00	42.25 -0.04 0.00	42.36 -0.04 0.00	41.98 -0.08 0.00	43.48 -0.04 0.00	48.04 -0.19 0.00	50.47 -0.41 0.00	50.47 -0.41 0.00	46.63 -0.52 0.00	40.23 -0.49 0.00	39.19 -0.28 0.00	37.92 -0.15 0.00	38.26 0.45 0.00

NORTHPORT___1 23551	40.62 2.62 -0.58	39.46 2.42 -2.44	38.32 2.39 -2.34	36.36 2.45 -0.33	37.93 2.40 -2.66	45.67 2.59 -8.52	60.66 4.24 -10.79	70.18 4.68 -17.77	64.69 4.68 -12.29	60.65 4.19 -11.44	63.44 4.64 -12.38	62.34 4.42 -13.27	62.08 4.32 -15.47	63.41 4.24 -16.77	64.40 4.29 -18.05	67.33 4.48 -19.32	63.57 5.02 -10.32	78.46 5.60 -21.99	78.30 5.39 -22.03	66.79 4.95 -14.70	71.63 4.36 -26.56	69.94 4.07 -26.41	58.93 3.84 -17.02	51.54 3.74 -9.98
NORTHPORT___2 23552	40.62 2.62 -0.58	39.46 2.42 -2.44	38.32 2.39 -2.34	36.36 2.45 -0.33	37.93 2.40 -2.66	45.67 2.59 -8.52	60.66 4.24 -10.79	70.18 4.68 -17.77	64.69 4.68 -12.29	60.65 4.19 -11.44	63.44 4.64 -12.38	62.34 4.42 -13.27	62.08 4.32 -15.47	63.41 4.24 -16.77	64.40 4.29 -18.05	67.33 4.48 -19.32	63.57 5.02 -10.32	78.46 5.60 -21.99	78.30 5.39 -22.03	66.79 4.95 -14.70	71.63 4.36 -26.56	69.94 4.07 -26.41	58.93 3.84 -17.02	51.54 3.74 -9.98
NORTHPORT___3 23553	40.10 2.09 -0.58	38.98 1.94 -2.44	37.82 1.88 -2.34	35.82 1.91 -0.33	37.44 1.91 -2.66	45.22 2.14 -8.52	60.07 3.65 -10.79	69.60 4.11 -17.77	64.12 4.11 -12.29	60.11 3.65 -11.44	62.56 3.76 -12.38	61.49 3.57 -13.27	61.28 3.51 -15.47	62.56 3.39 -16.77	63.43 3.32 -18.05	65.98 3.14 -19.32	62.56 4.00 -10.32	76.99 4.12 -21.99	76.98 4.07 -22.03	65.57 3.72 -14.70	70.41 3.14 -26.56	68.80 2.92 -26.41	58.32 3.23 -17.02	50.93 3.14 -9.98
NORTHPORT___4 23650	40.10 2.09 -0.58	38.98 1.94 -2.44	37.82 1.88 -2.34	35.82 1.91 -0.33	37.44 1.91 -2.66	45.22 2.14 -8.52	60.07 3.65 -10.79	69.60 4.11 -17.77	64.12 4.11 -12.29	60.11 3.65 -11.44	62.56 3.76 -12.38	61.49 3.57 -13.27	61.28 3.51 -15.47	62.56 3.39 -16.77	63.43 3.32 -18.05	65.98 3.14 -19.32	62.56 4.00 -10.32	76.99 4.12 -21.99	76.98 4.07 -22.03	65.57 3.72 -14.70	70.41 3.14 -26.56	68.80 2.92 -26.41	58.32 3.23 -17.02	50.93 3.14 -9.98
NORTHPORT___IC 23718	40.62 2.62 -0.58	39.46 2.42 -2.44	38.32 2.39 -2.34	36.36 2.45 -0.33	37.93 2.40 -2.66	45.67 2.59 -8.52	60.66 4.24 -10.79	70.18 4.68 -17.77	64.69 4.68 -12.29	60.65 4.19 -11.44	63.44 4.64 -12.38	62.34 4.42 -13.27	62.08 4.32 -15.47	63.41 4.24 -16.77	64.40 4.29 -18.05	67.33 4.48 -19.32	63.57 5.02 -10.32	78.46 5.60 -21.99	78.30 5.39 -22.03	66.79 4.95 -14.70	71.63 4.36 -26.56	69.94 4.07 -26.41	58.93 3.84 -17.02	51.54 3.74 -9.98
NORTH___COUNTRY_ESR 323785	39.14 1.72 0.00	36.22 1.63 0.00	35.11 1.51 0.00	34.98 1.41 0.00	34.23 1.35 0.00	35.42 0.86 0.00	46.35 0.73 0.00	48.59 0.86 0.00	48.54 0.81 0.00	46.06 1.04 0.00	47.49 1.07 0.00	45.68 1.03 0.00	43.27 0.97 0.00	43.33 0.93 0.00	42.90 0.84 0.00	44.44 0.92 0.00	49.00 0.77 0.00	51.74 0.86 0.00	51.74 0.86 0.00	47.90 0.75 0.00	41.28 0.57 0.00	40.06 0.59 0.00	38.64 0.57 0.00	38.75 0.95 0.00
NPX_GEN_1385_PROXY 323591	41.22 3.22 -0.58	40.02 2.98 -2.44	38.96 3.03 -2.34	37.06 3.15 -0.33	38.56 3.02 -2.66	47.66 2.94 -10.17	59.47 4.70 -9.14	70.75 5.25 -17.77	65.26 5.25 -12.29	60.88 4.41 -11.44	63.82 5.02 -12.38	62.70 4.78 -13.27	62.42 4.65 -15.47	63.45 4.28 -16.77	64.69 4.59 -18.05	68.20 5.35 -19.32	64.59 6.03 -10.32	79.89 7.02 -21.99	78.86 5.95 -22.03	67.50 5.65 -14.70	72.44 5.17 -26.56	70.41 4.54 -26.41	59.73 4.64 -17.02	52.29 4.50 -9.98
NPX_GEN_CSC 323557	40.81 2.81 -0.58	39.74 2.70 -2.44	38.49 2.55 -2.34	36.66 2.75 -0.33	38.13 2.60 -2.66	47.53 2.80 -10.17	59.24 4.47 -9.14	70.08 4.58 -17.77	64.69 4.68 -12.29	60.88 4.41 -11.44	64.18 5.38 -12.38	63.00 5.09 -13.27	62.76 4.99 -15.47	64.13 4.96 -16.77	65.11 5.00 -18.05	67.98 5.13 -19.32	63.29 4.73 -10.32	78.26 5.39 -21.99	78.25 5.34 -22.03	66.75 4.90 -14.70	71.91 4.64 -26.56	70.57 4.69 -26.41	59.20 4.11 -17.02	51.80 4.01 -9.98
NSINS_S_GLNS_FALLS 23858	38.95 1.53 0.00	35.95 1.35 0.00	35.01 1.41 0.00	34.98 1.41 0.00	34.26 1.38 0.00	36.18 1.62 0.00	48.23 2.60 0.00	51.21 2.82 -0.66	50.69 2.96 0.00	47.59 2.57 0.00	49.12 2.69 0.00	46.79 2.14 0.00	44.07 1.78 0.00	43.97 1.57 0.00	43.70 1.64 0.00	45.26 1.74 0.00	50.49 2.22 -0.03	63.24 2.34 -10.02	61.84 2.44 -8.52	53.90 2.22 -4.54	48.10 1.83 -5.55	42.51 1.58 -1.47	39.66 1.52 -0.07	38.87 1.06 0.00
NUCOR_STEEL___DRP 24197	36.86 -0.56 0.00	34.08 -0.52 0.00	33.10 -0.50 0.00	33.07 -0.50 0.00	32.42 -0.46 0.00	34.28 -0.28 0.00	45.44 -0.18 0.00	47.56 -0.24 -0.06	47.54 -0.19 0.00	44.80 -0.23 0.00	46.05 -0.37 0.00	44.29 -0.36 0.00	41.91 -0.38 0.00	42.10 -0.30 0.00	41.72 -0.34 0.00	43.23 -0.30 -0.01	48.68 -0.34 -0.79	51.91 -0.20 -1.23	54.34 -0.15 -3.61	48.03 -0.28 -1.16	41.08 -0.33 -0.69	39.32 -0.32 -0.17	37.70 -0.38 -0.01	37.24 -0.57 0.00
NUMBER_THREE_WT_PWR 323818	37.46 0.04 0.00	34.63 0.03 0.00	33.60 0.00 0.00	33.54 -0.03 0.00	32.85 -0.03 0.00	34.59 0.03 0.00	45.99 0.36 0.00	48.28 0.53 -0.02	48.25 0.53 0.00	45.61 0.58 0.00	46.84 0.42 0.00	44.97 0.31 0.00	42.63 0.34 0.00	42.74 0.34 0.00	42.44 0.38 0.00	44.00 0.48 0.00	48.82 0.58 0.00	51.89 0.71 -0.30	51.85 0.71 -0.25	47.19 -0.09 -0.14	40.51 -0.37 -0.17	39.11 -0.39 -0.04	37.66 -0.42 0.00	37.28 -0.53 0.00
NYISO_LBMP_REFERENCE 24008	37.42 0.00 0.00	34.60 0.00 0.00	33.60 0.00 0.00	33.57 0.00 0.00	32.88 0.00 0.00	34.55 0.00 0.00	45.63 0.00 0.00	47.73 0.00 0.00	47.73 0.00 0.00	45.02 0.00 0.00	46.43 0.00 0.00	44.65 0.00 0.00	42.30 0.00 0.00	42.40 0.00 0.00	42.06 0.00 0.00	43.52 0.00 0.00	48.24 0.00 0.00	50.88 0.00 0.00	50.88 0.00 0.00	47.15 0.00 0.00	40.72 0.00 0.00	39.47 0.00 0.00	38.07 0.00 0.00	37.81 0.00 0.00
NYPA_BRENTWD___GT 24164	40.92 2.92 -0.58	39.74 2.70 -2.44	38.59 2.65 -2.34	36.59 2.69 -0.33	38.16 2.63 -2.66	45.95 2.87 -8.52	61.12 4.70 -10.79	70.70 5.20 -17.77	65.22 5.20 -12.29	61.15 4.68 -11.44	63.95 5.15 -12.38	62.78 4.87 -13.27	62.55 4.78 -15.47	63.91 4.75 -16.77	64.90 4.79 -18.05	67.81 4.96 -19.32	64.06 5.50 -10.32	79.02 6.15 -21.99	78.96 6.05 -22.03	67.41 5.56 -14.70	72.07 4.80 -26.56	70.41 4.54 -26.41	59.31 4.23 -17.02	51.84 4.05 -9.98
NYPA_GOWANUS___GT5 24156	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.68 1.81 0.00	36.56 2.00 0.00	49.05 3.42 0.00	105.11 4.11 -53.27	109.53 4.05 -57.75	48.49 3.47 0.00	50.28 3.85 0.00	48.22 3.57 0.00	46.03 3.68 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.28 3.70 -0.06	52.62 4.25 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.46 4.29 -64.03	93.30 3.67 -48.92	91.92 3.39 -49.06	41.39 3.23 -0.08	41.03 3.21 -0.01
NYPA_GOWANUS___GT6 24157	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.68 1.81 0.00	36.56 2.00 0.00	49.05 3.42 0.00	105.11 4.11 -53.27	109.53 4.05 -57.75	48.49 3.47 0.00	50.28 3.85 0.00	48.22 3.57 0.00	46.03 3.68 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.28 3.70 -0.06	52.62 4.25 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.46 4.29 -64.03	93.30 3.67 -48.92	91.92 3.39 -49.06	41.39 3.23 -0.08	41.03 3.21 -0.01

NYPA_HARLEM__RVR__GT1 24160	39.20 1.80 0.02	36.22 1.63 0.00	35.18 1.58 0.00	35.15 1.58 0.00	34.49 1.61 0.00	36.28 1.73 0.00	48.54 2.92 0.01	51.82 3.58 -0.51	51.45 3.73 0.01	48.17 3.15 0.01	49.94 3.53 0.01	47.90 3.26 0.01	45.71 3.42 0.01	45.74 3.35 0.01	45.50 3.45 0.01	46.87 3.35 0.01	52.27 4.00 -0.03	63.19 4.42 -7.88	61.89 4.32 -6.69	54.71 4.01 -3.56	48.37 3.30 -4.36	43.61 3.00 -1.15	40.91 2.78 -0.06	40.69 2.87 -0.01
NYPA_HARLEM__RVR__GT2 24161	39.20 1.80 0.02	36.22 1.63 0.00	35.18 1.58 0.00	35.15 1.58 0.00	34.49 1.61 0.00	36.28 1.73 0.00	48.54 2.92 0.01	51.82 3.58 -0.51	51.45 3.73 0.01	48.17 3.15 0.01	49.94 3.53 0.01	47.90 3.26 0.01	45.71 3.42 0.01	45.74 3.35 0.01	45.50 3.45 0.01	46.87 3.35 0.01	52.27 4.00 -0.03	63.19 4.42 -7.88	61.89 4.32 -6.69	54.71 4.01 -3.56	48.37 3.30 -4.36	43.61 3.00 -1.15	40.91 2.78 -0.06	40.69 2.87 -0.01
NYPA_KENT____GT 24152	39.36 1.94 0.00	36.36 1.76 0.00	35.35 1.75 0.00	35.32 1.74 0.00	34.65 1.77 0.00	36.52 1.97 0.00	49.00 3.38 0.00	82.46 4.01 -30.72	85.84 4.01 -34.10	48.44 3.42 0.00	50.23 3.81 0.00	48.18 3.53 0.00	45.92 3.59 -0.03	45.96 3.56 0.00	85.03 3.62 -39.36	47.21 3.66 -0.03	52.53 4.19 -0.10	83.91 4.63 -28.40	80.88 4.58 -25.42	90.61 4.19 -39.27	74.17 3.58 -29.87	71.36 3.32 -28.58	41.31 3.16 -0.08	40.96 3.14 -0.01
NYPA_POUCH1____GT 24155	39.36 1.94 0.00	36.36 1.76 0.00	35.31 1.71 0.00	35.28 1.71 0.00	34.65 1.77 0.00	36.49 1.93 0.00	48.95 3.33 0.00	104.91 3.91 -53.27	109.34 3.86 -57.75	48.31 3.29 0.00	50.09 3.67 0.00	48.00 3.35 0.00	45.82 3.47 -0.06	45.83 3.43 0.00	111.95 3.49 -66.40	47.10 3.52 -0.06	52.43 4.05 -0.14	95.20 4.53 -39.80	91.61 4.48 -36.26	115.27 4.10 -64.03	93.18 3.54 -48.92	91.80 3.27 -49.06	41.28 3.12 -0.08	41.00 3.18 -0.01
NYPA_VERNON____GT2 24162	39.33 1.91 0.00	36.33 1.73 0.00	35.31 1.71 0.00	35.28 1.71 0.00	34.62 1.74 0.00	36.49 1.93 0.00	48.91 3.29 0.00	59.81 3.91 -8.17	62.10 3.91 -10.46	48.40 3.38 0.00	50.18 3.76 0.00	48.14 3.49 0.00	45.86 3.55 -0.01	45.92 3.52 0.00	57.90 3.53 -12.31	47.10 3.57 -0.01	52.44 4.15 -0.06	72.46 4.58 -17.00	69.98 4.53 -14.58	65.81 4.15 -14.52	55.04 3.50 -10.83	50.80 3.24 -8.10	41.23 3.08 -0.07	40.84 3.03 -0.01
NYPA_VERNON____GT3 24163	39.33 1.91 0.00	36.33 1.73 0.00	35.31 1.71 0.00	35.28 1.71 0.00	34.62 1.74 0.00	36.49 1.93 0.00	48.91 3.29 0.00	59.81 3.91 -8.17	62.10 3.91 -10.46	48.40 3.38 0.00	50.18 3.76 0.00	48.14 3.49 0.00	45.86 3.55 -0.01	45.92 3.52 0.00	57.90 3.53 -12.31	47.10 3.57 -0.01	52.44 4.15 -0.06	72.46 4.58 -17.00	69.98 4.53 -14.58	65.81 4.15 -14.52	55.04 3.50 -10.83	50.80 3.24 -8.10	41.23 3.08 -0.07	40.84 3.03 -0.01
NYPA__ASTORIA_CC1 323568	39.29 1.87 0.00	36.33 1.73 0.00	35.28 1.68 0.00	35.25 1.68 0.00	34.59 1.71 0.00	36.45 1.90 0.00	48.86 3.24 0.00	52.11 3.86 -0.52	53.69 3.86 -2.10	48.36 3.33 0.00	50.14 3.72 0.00	48.09 3.44 0.00	45.80 3.51 0.00	45.88 3.48 0.00	48.25 3.49 -2.70	47.05 3.52 0.00	52.37 4.10 -0.04	67.87 4.58 -12.41	65.67 4.48 -10.32	57.01 4.10 -5.76	48.54 3.46 -4.36	43.81 3.20 -1.15	41.19 3.05 -0.07	40.80 2.99 -0.01
NYPA__ASTORIA_CC2 323569	39.29 1.87 0.00	36.33 1.73 0.00	35.28 1.68 0.00	35.25 1.68 0.00	34.59 1.71 0.00	36.45 1.90 0.00	48.86 3.24 0.00	52.11 3.86 -0.52	53.69 3.86 -2.10	48.36 3.33 0.00	50.14 3.72 0.00	48.09 3.44 0.00	45.80 3.51 0.00	45.88 3.48 0.00	48.25 3.49 -2.70	47.05 3.52 0.00	52.37 4.10 -0.04	67.87 4.58 -12.41	65.67 4.48 -10.32	57.01 4.10 -5.76	48.54 3.46 -4.36	43.81 3.20 -1.15	41.19 3.05 -0.07	40.80 2.99 -0.01
NYPA__HOLTSVILL 23794	40.73 2.73 -0.58	39.56 2.52 -2.44	38.39 2.45 -2.34	36.46 2.55 -0.33	38.00 2.47 -2.66	45.78 2.70 -8.52	60.84 4.42 -10.79	70.27 4.77 -17.77	64.83 4.82 -12.29	60.83 4.37 -11.44	63.82 5.02 -12.38	62.65 4.73 -13.27	62.38 4.61 -15.47	63.75 4.58 -16.77	64.73 4.63 -18.05	67.63 4.79 -19.32	63.62 5.06 -10.32	78.56 5.70 -21.99	78.50 5.60 -22.03	66.98 5.14 -14.70	71.83 4.56 -26.56	70.26 4.38 -26.41	59.08 4.00 -17.02	51.65 3.86 -9.98
NYPA__HELLGATE_GT1 24158	39.21 1.80 0.00	36.22 1.63 0.00	35.18 1.58 0.00	35.15 1.58 0.00	34.49 1.61 0.00	36.28 1.73 0.00	48.54 2.92 0.01	51.82 3.58 -0.51	51.45 3.73 0.01	48.17 3.15 0.01	49.94 3.53 0.01	47.90 3.26 0.01	45.71 3.42 0.01	45.74 3.35 0.01	45.50 3.45 0.01	46.87 3.35 0.01	52.27 4.00 -0.03	63.19 4.42 -7.88	61.89 4.32 -6.69	54.71 4.01 -3.56	48.37 3.30 -4.36	43.61 3.00 -1.15	40.91 2.78 -0.06	40.69 2.87 -0.01
NYPA__HELLGATE_GT2 24159	39.21 1.80 0.00	36.22 1.63 0.00	35.18 1.58 0.00	35.15 1.58 0.00	34.49 1.61 0.00	36.28 1.73 0.00	48.54 2.92 0.01	51.82 3.58 -0.51	51.45 3.73 0.01	48.17 3.15 0.01	49.94 3.53 0.01	47.90 3.26 0.01	45.71 3.42 0.01	45.74 3.35 0.01	45.50 3.45 0.01	46.87 3.35 0.01	52.27 4.00 -0.03	63.19 4.42 -7.88	61.89 4.32 -6.69	54.71 4.01 -3.56	48.37 3.30 -4.36	43.61 3.00 -1.15	40.91 2.78 -0.06	40.69 2.87 -0.01
NYS_BARGE__HYD 23848	32.93 -4.49 0.00	30.62 -3.98 0.00	29.80 -3.80 0.00	29.95 -3.63 0.00	29.36 -3.52 0.00	30.93 -3.63 0.00	40.38 -5.25 0.00	41.21 -6.59 -0.07	41.14 -6.59 0.00	39.26 -5.76 0.00	40.11 -6.31 0.00	38.98 -5.67 0.00	36.67 -5.63 0.00	37.14 -5.26 0.00	36.64 -5.43 0.00	37.85 -5.66 0.02	39.84 -6.61 1.79	44.72 -6.61 -0.46	42.00 -6.31 2.56	39.70 -6.27 1.18	35.69 -5.25 -0.23	34.46 -5.09 -0.08	33.36 -4.72 -0.01	33.16 -4.65 0.00
OAK ORCHARD__HYD 24046	34.61 -2.81 0.00	32.11 -2.49 0.00	31.18 -2.42 0.00	31.26 -2.32 0.00	30.61 -2.27 0.00	32.38 -2.18 0.00	42.70 -2.92 0.00	44.21 -3.58 -0.06	44.20 -3.53 0.00	41.87 -3.15 0.00	42.94 -3.48 0.00	41.48 -3.17 0.00	39.17 -3.13 0.00	39.51 -2.88 0.00	39.03 -3.03 0.00	40.38 -3.13 0.01	42.55 -3.81 1.87	47.80 -3.56 -0.48	44.53 -3.61 2.74	42.29 -3.63 1.23	37.99 -2.97 -0.25	36.78 -2.76 -0.08	35.45 -2.63 -0.01	35.01 -2.80 0.00
OAKDALE__35_KV_LOAD 356122	37.27 -0.15 0.00	34.46 -0.14 0.00	33.50 -0.10 0.00	33.50 -0.07 0.00	32.85 -0.03 0.00	34.66 0.10 0.00	45.94 0.32 0.00	48.09 0.19 -0.17	47.92 0.19 0.00	45.20 0.18 0.00	46.47 0.05 0.00	44.78 0.13 0.00	42.38 0.08 0.00	42.53 0.13 0.00	42.19 0.13 0.00	43.65 0.13 0.00	48.75 0.24 -0.28	53.83 0.36 -2.59	54.63 0.36 -3.40	48.81 0.28 -1.38	42.31 0.16 -1.44	39.92 0.08 -0.38	38.17 0.08 -0.02	37.69 -0.11 0.00
OCC_CHEM__DRP 24175	32.03 -5.39 0.00	29.79 -4.81 0.00	29.00 -4.60 0.00	29.17 -4.40 0.00	28.60 -4.27 0.00	30.06 -4.49 0.00	39.10 -6.52 0.00	39.92 -7.88 -0.07	40.09 -7.64 0.00	38.00 -7.02 0.00	38.72 -7.71 0.00	37.69 -6.97 0.00	35.65 -6.64 0.00	36.08 -6.32 0.00	35.58 -6.48 0.00	36.63 -6.88 0.02	38.51 -7.96 1.76	43.40 -7.94 -0.46	40.33 -8.04 2.51	38.49 -7.50 1.16	34.47 -6.47 -0.23	33.59 -5.96 -0.08	32.64 -5.44 -0.01	32.29 -5.52 0.00

OH_GEN_PROXY 24063	32.67 -4.75 0.00	30.38 -4.22 0.00	29.57 -4.03 0.00	29.74 -3.83 0.00	29.13 -3.75 0.00	32.30 -3.90 -1.65	38.41 -5.57 1.65	40.82 -6.97 -0.06	40.09 -7.01 0.62	38.86 -6.17 0.00	39.74 -6.68 0.00	38.62 -6.03 0.00	36.33 -5.96 0.00	36.80 -5.60 0.00	36.30 -5.76 0.00	37.50 -6.01 0.02	39.49 -6.99 1.75	44.32 -7.02 -0.47	41.43 -6.97 2.48	39.40 -6.60 1.15	35.45 -5.50 -0.23	34.30 -5.25 -0.08	33.21 -4.87 -0.01	32.97 -4.84 0.00
OLIN_CORP_DRP 24177	32.37 -5.05 0.00	30.13 -4.46 0.00	29.30 -4.30 0.00	29.48 -4.10 0.00	28.90 -3.98 0.00	30.37 -4.18 0.00	39.42 -6.21 0.00	40.35 -7.45 -0.07	40.52 -7.21 0.00	38.36 -6.66 0.00	39.09 -7.34 0.00	38.00 -6.65 0.00	35.99 -6.30 0.00	36.38 -6.02 0.00	35.88 -6.18 0.00	36.93 -6.57 0.02	38.94 -7.52 1.77	43.80 -7.53 -0.46	41.09 -7.28 2.51	38.86 -7.12 1.17	34.79 -6.15 -0.22	33.83 -5.72 -0.08	32.90 -5.18 -0.01	32.51 -5.29 0.00
OLIN_CORP_DSASP 323712	32.03 -5.39 0.00	29.79 -4.81 0.00	29.03 -4.57 0.00	29.18 -4.40 0.00	28.60 -4.27 0.00	30.10 -4.46 0.00	39.28 -6.34 0.00	39.92 -7.88 -0.07	39.85 -7.88 0.00	38.05 -6.98 0.00	38.90 -7.52 0.00	37.82 -6.83 0.00	35.57 -6.73 0.00	36.08 -6.32 0.00	35.54 -6.52 0.00	36.72 -6.79 0.02	38.56 -7.91 1.76	43.40 -7.94 -0.46	40.43 -7.94 2.51	38.49 -7.50 1.16	34.71 -6.23 -0.23	33.59 -5.96 -0.08	32.60 -5.48 -0.01	32.33 -5.48 0.00
ONEIDA_HERK_LFGE 323681	37.94 0.52 0.00	35.08 0.48 0.00	34.07 0.47 0.00	34.04 0.47 0.00	33.34 0.46 0.00	35.18 0.62 0.00	46.81 1.18 0.00	49.08 1.33 -0.02	49.06 1.33 0.00	46.33 1.31 0.00	47.63 1.21 0.00	45.72 1.07 0.00	43.35 1.06 0.00	43.46 1.06 0.00	43.11 1.05 0.00	44.70 1.18 0.00	49.54 1.30 0.00	52.63 1.48 -0.27	52.59 1.48 -0.23	48.26 0.99 -0.12	41.60 0.73 -0.15	40.14 0.63 -0.04	38.65 0.57 0.00	38.26 0.46 0.00
ONEIDA___115KV_TB4 55905	38.13 0.71 0.00	35.25 0.66 0.00	34.24 0.64 0.00	34.21 0.64 0.00	33.54 0.66 0.00	35.49 0.93 0.00	47.22 1.60 0.00	49.53 1.77 -0.03	49.49 1.77 0.00	46.64 1.62 0.00	47.96 1.53 0.00	46.08 1.43 0.00	43.69 1.40 0.00	43.80 1.40 0.00	43.49 1.43 0.00	45.05 1.52 0.00	49.88 1.64 0.00	53.19 1.83 -0.48	53.12 1.83 -0.41	48.87 1.51 -0.22	42.16 1.18 -0.27	40.64 1.11 -0.07	39.06 0.99 0.00	38.56 0.76 0.00
ONONDAGA_REF_OCCRA 23987	36.63 -0.79 0.00	33.87 -0.73 0.00	32.89 -0.71 0.00	32.90 -0.67 0.00	32.22 -0.66 0.00	34.04 -0.52 0.00	45.12 -0.50 0.00	47.26 -0.53 -0.06	47.20 -0.53 0.00	44.53 -0.50 0.00	45.82 -0.60 0.00	44.07 -0.58 0.00	41.75 -0.55 0.00	41.85 -0.55 0.00	41.51 -0.55 0.00	42.96 -0.57 -0.01	48.14 -0.58 -0.49	51.49 -0.46 -1.07	52.73 -0.46 -2.31	47.49 -0.52 -0.86	40.79 -0.53 -0.60	39.10 -0.51 -0.15	37.51 -0.57 -0.01	37.09 -0.72 0.00
ONONDAGA___COGEN 23986	36.67 -0.75 0.00	33.91 -0.69 0.00	32.93 -0.67 0.00	32.93 -0.64 0.00	32.25 -0.62 0.00	34.07 -0.48 0.00	45.12 -0.50 0.00	47.21 -0.57 -0.05	47.20 -0.53 0.00	44.48 -0.54 0.00	45.82 -0.60 0.00	44.07 -0.58 0.00	41.70 -0.59 0.00	41.85 -0.55 0.00	41.51 -0.55 0.00	42.96 -0.57 0.00	47.95 -0.63 -0.34	51.17 -0.51 -0.80	52.51 -0.51 -2.14	47.21 -0.57 -0.63	40.63 -0.53 -0.45	39.07 -0.51 -0.12	37.51 -0.57 -0.01	37.09 -0.72 0.00
ONTARIO___LFGE 23819	36.56 -0.86 0.00	33.84 -0.76 0.00	32.89 -0.71 0.00	32.90 -0.67 0.00	32.25 -0.63 0.00	34.21 -0.35 0.00	45.17 -0.46 0.00	47.09 -0.71 -0.07	47.01 -0.71 0.00	44.39 -0.63 0.00	45.59 -0.83 0.00	43.89 -0.76 0.00	41.40 -0.89 0.00	41.68 -0.72 0.00	41.22 -0.84 0.00	42.67 -0.83 0.03	53.49 -0.92 -6.17	50.33 -0.71 -0.16	65.20 -0.56 -14.88	51.14 -0.80 -4.79	39.99 -0.77 -0.05	38.80 -0.71 -0.04	37.24 -0.84 -0.01	37.01 -0.80 0.00
ORANGEVILLE_WT_PWR 323706	34.39 -3.03 0.00	31.93 -2.66 0.00	31.08 -2.52 0.00	31.19 -2.38 0.00	30.54 -2.33 0.00	32.24 -2.31 0.00	42.30 -3.33 0.00	43.43 -4.39 -0.09	43.34 -4.39 0.00	41.20 -3.83 0.00	42.15 -4.27 0.00	40.86 -3.80 0.00	38.45 -3.85 0.00	38.80 -3.60 0.00	38.32 -3.74 0.00	39.58 -3.92 0.03	42.02 -4.39 1.83	46.66 -4.53 -0.31	43.45 -4.32 3.11	41.66 -4.20 1.28	37.14 -3.70 -0.13	35.79 -3.75 -0.07	34.50 -3.58 -0.01	34.48 -3.33 0.00
ORANGEVILLE___ESR 323794	34.39 -3.03 0.00	31.93 -2.66 0.00	31.08 -2.52 0.00	31.19 -2.38 0.00	30.54 -2.33 0.00	32.24 -2.31 0.00	42.30 -3.33 0.00	43.43 -4.39 -0.09	43.34 -4.39 0.00	41.20 -3.83 0.00	42.15 -4.27 0.00	40.86 -3.80 0.00	38.45 -3.85 0.00	38.80 -3.60 0.00	38.32 -3.74 0.00	39.58 -3.92 0.03	42.02 -4.39 1.83	46.66 -4.53 -0.31	43.45 -4.32 3.11	41.66 -4.20 1.28	37.14 -3.70 -0.13	35.79 -3.75 -0.07	34.50 -3.58 -0.01	34.48 -3.33 0.00
OSWEGATCHIE___HYD 24044	37.23 -0.19 0.00	34.46 -0.14 0.00	33.40 -0.20 0.00	33.34 -0.23 0.00	32.58 -0.30 0.00	33.97 -0.59 0.00	44.76 -0.87 0.00	46.98 -0.77 -0.01	46.96 -0.77 0.00	44.66 -0.36 0.00	45.82 -0.60 0.00	44.07 -0.58 0.00	41.74 -0.55 0.00	41.85 -0.55 0.00	41.51 -0.55 0.00	43.05 -0.48 0.00	47.71 -0.53 0.00	50.38 -0.71 -0.22	50.35 -0.71 -0.18	46.21 -1.04 -0.10	39.78 -1.06 -0.12	38.63 -0.87 -0.03	37.31 -0.76 0.00	37.09 -0.72 0.00
OSWEGO___5 23606	36.04 -1.38 0.00	33.32 -1.28 0.00	32.36 -1.24 0.00	32.33 -1.24 0.00	31.70 -1.18 0.00	33.42 -1.14 0.00	44.21 -1.41 0.00	46.19 -1.57 -0.04	46.15 -1.57 0.00	43.58 -1.44 0.00	44.89 -1.53 0.00	43.18 -1.47 0.00	40.86 -1.44 0.00	41.00 -1.40 0.00	40.67 -1.39 0.00	42.09 -1.44 0.00	46.65 -1.59 0.00	49.87 -1.58 -0.56	49.78 -1.58 -0.48	45.85 -1.55 -0.26	39.69 -1.34 -0.31	38.25 -1.30 -0.08	36.78 -1.29 0.00	36.48 -1.32 0.00
OSWEGO___6 23613	36.04 -1.38 0.00	33.32 -1.28 0.00	32.36 -1.24 0.00	32.33 -1.24 0.00	31.70 -1.18 0.00	33.42 -1.14 0.00	44.21 -1.41 0.00	46.19 -1.57 -0.04	46.15 -1.57 0.00	43.58 -1.44 0.00	44.89 -1.53 0.00	43.18 -1.47 0.00	40.86 -1.44 0.00	41.00 -1.40 0.00	40.67 -1.39 0.00	42.09 -1.44 0.00	46.65 -1.59 0.00	49.87 -1.58 -0.56	49.78 -1.58 -0.48	45.85 -1.55 -0.26	39.69 -1.34 -0.31	38.25 -1.30 -0.08	36.78 -1.29 0.00	36.48 -1.32 0.00
OUTOKUMPU-AB___DRP 24206	33.12 -4.30 0.00	30.79 -3.81 0.00	29.97 -3.63 0.00	30.11 -3.46 0.00	29.49 -3.39 0.00	31.06 -3.49 0.00	40.42 -5.20 0.00	41.45 -6.35 -0.07	41.67 -6.06 0.00	39.44 -5.58 0.00	40.16 -6.27 0.00	39.07 -5.58 0.00	36.97 -5.33 0.00	37.40 -5.00 0.00	36.89 -5.17 0.00	37.98 -5.53 0.02	40.14 -6.32 1.77	44.97 -6.36 -0.45	42.08 -6.26 2.54	39.99 -5.99 1.17	35.72 -5.21 -0.22	34.61 -4.93 -0.08	33.70 -4.38 -0.01	33.27 -4.54 0.00
OXBOW___BTM 323836	32.59 -4.83 0.00	30.34 -4.26 0.00	29.53 -4.07 0.00	29.68 -3.89 0.00	29.06 -3.81 0.00	30.61 -3.94 0.00	39.97 -5.66 0.00	40.78 -7.02 -0.07	40.67 -7.06 0.00	38.81 -6.21 0.00	39.74 -6.68 0.00	38.58 -6.07 0.00	36.29 -6.01 0.00	36.80 -5.60 0.00	36.26 -5.80 0.00	37.46 -6.05 0.02	39.42 -7.04 1.77	44.26 -7.07 -0.45	41.39 -6.97 2.52	39.33 -6.65 1.17	35.36 -5.58 -0.22	34.14 -5.41 -0.08	33.09 -4.99 -0.01	32.86 -4.95 0.00

OXBOW____ 24026	32.59 -4.83 0.00	30.34 -4.26 0.00	29.50 -4.10 0.00	29.68 -3.89 0.00	29.06 -3.81 0.00	30.58 -3.97 0.00	39.79 -5.84 0.00	40.73 -7.06 -0.07	40.95 -6.78 0.00	38.77 -6.26 0.00	39.51 -6.92 0.00	38.44 -6.21 0.00	36.37 -5.92 0.00	36.76 -5.64 0.00	36.26 -5.80 0.00	37.33 -6.18 0.02	39.38 -7.09 1.77	44.26 -7.07 -0.45	41.28 -7.07 2.52	39.29 -6.69 1.17	35.12 -5.82 -0.22	34.14 -5.41 -0.08	33.21 -4.87 -0.01	32.82 -4.99 0.00
OXY_CHEM_DSASP 323612	32.03 -5.39 0.00	29.79 -4.81 0.00	29.00 -4.60 0.00	29.17 -4.40 0.00	28.60 -4.27 0.00	30.06 -4.49 0.00	39.10 -6.52 0.00	39.92 -7.88 -0.07	40.09 -7.64 0.00	38.00 -7.02 0.00	38.72 -7.71 0.00	37.69 -6.97 0.00	35.65 -6.64 0.00	36.08 -6.32 0.00	35.58 -6.48 0.00	36.63 -6.88 0.02	38.51 -7.96 1.76	43.40 -7.94 -0.46	40.33 -8.04 2.51	38.49 -7.50 1.16	34.47 -6.47 -0.23	33.59 -5.96 -0.08	32.64 -5.44 -0.01	32.29 -5.52 0.00
OZONE_PARK_ESR 323760	39.44 2.02 0.00	36.43 1.83 0.00	35.41 1.81 0.00	35.38 1.81 0.00	34.69 1.81 0.00	36.59 2.04 0.00	49.18 3.56 0.00	52.40 4.15 -0.52	51.79 4.06 0.00	48.72 3.69 0.00	50.46 4.04 0.00	48.45 3.80 0.00	46.02 3.72 0.00	46.09 3.69 0.00	45.76 3.70 0.00	47.31 3.79 0.00	52.81 4.53 -0.04	63.65 4.88 -7.89	62.41 4.83 -6.70	55.15 4.43 -3.57	48.78 3.71 -4.36	44.05 3.43 -1.15	41.49 3.35 -0.07	40.65 2.84 -0.01
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	32.03 -5.39 0.00	29.79 -4.81 0.00	29.00 -4.60 0.00	29.17 -4.40 0.00	28.60 -4.27 0.00	30.06 -4.49 0.00	39.10 -6.52 0.00	39.92 -7.88 -0.07	40.09 -7.64 0.00	38.00 -7.02 0.00	38.72 -7.71 0.00	37.69 -6.97 0.00	35.65 -6.64 0.00	36.08 -6.32 0.00	35.58 -6.48 0.00	36.63 -6.88 0.02	38.51 -7.96 1.76	43.40 -7.94 -0.46	40.33 -8.04 2.51	38.49 -7.50 1.16	34.47 -6.47 -0.23	33.59 -5.96 -0.08	32.64 -5.44 -0.01	32.29 -5.52 0.00
PACKARD__115KV_DUPONT_184 80571	32.03 -5.39 0.00	29.79 -4.81 0.00	29.00 -4.60 0.00	29.17 -4.40 0.00	28.60 -4.27 0.00	30.06 -4.49 0.00	39.10 -6.52 0.00	39.92 -7.88 -0.07	40.09 -7.64 0.00	38.00 -7.02 0.00	38.72 -7.71 0.00	37.69 -6.97 0.00	35.65 -6.64 0.00	36.08 -6.32 0.00	35.58 -6.48 0.00	36.63 -6.88 0.02	38.51 -7.96 1.76	43.40 -7.94 -0.46	40.33 -8.04 2.51	38.49 -7.50 1.16	34.47 -6.47 -0.23	33.59 -5.96 -0.08	32.64 -5.44 -0.01	32.29 -5.52 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	39.33 1.91 0.00	36.36 1.76 0.00	35.31 1.71 0.00	35.25 1.68 0.00	34.62 1.74 0.00	36.35 1.80 0.00	48.68 3.06 0.00	51.92 3.68 -0.52	51.30 3.58 0.01	48.22 3.20 0.00	49.95 3.53 0.00	47.96 3.30 0.00	45.59 3.30 0.00	45.66 3.26 0.00	45.38 3.32 0.01	46.92 3.39 0.00	52.28 4.00 -0.04	63.09 4.32 -7.88	61.84 4.27 -6.69	54.62 3.91 -3.56	48.38 3.30 -4.36	43.66 3.04 -1.15	41.07 2.93 -0.07	40.42 2.61 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	39.78 2.36 0.00	36.78 2.18 0.00	35.72 2.12 0.00	35.65 2.08 0.00	35.01 2.14 0.00	36.77 2.21 0.00	49.18 3.56 0.00	52.45 4.20 -0.52	51.87 4.15 0.01	48.72 3.69 0.00	50.42 3.99 0.00	48.40 3.75 0.00	46.02 3.72 0.00	46.09 3.69 0.00	45.80 3.74 0.01	47.31 3.79 0.00	52.81 4.53 -0.04	63.65 4.88 -7.88	62.35 4.78 -6.69	55.14 4.43 -3.56	48.78 3.71 -4.36	44.05 3.43 -1.15	41.45 3.31 -0.07	40.88 3.06 -0.01
PATROON__115KV_TB1 80586	38.92 1.50 0.00	35.95 1.35 0.00	34.91 1.31 0.00	34.88 1.31 0.00	34.16 1.28 0.00	36.01 1.45 0.00	47.86 2.24 0.00	50.71 2.34 -0.64	50.12 2.39 0.00	47.23 2.21 0.00	48.42 2.00 0.00	46.53 1.88 0.00	43.99 1.69 0.00	44.10 1.70 0.00	43.79 1.72 0.00	45.31 1.78 0.00	50.39 2.12 -0.03	62.76 2.09 -9.80	61.40 2.19 -8.33	53.66 2.07 -4.44	47.89 1.75 -5.43	42.91 2.01 -1.43	40.12 1.98 -0.07	39.43 1.63 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	34.61 -2.81 0.00	32.18 -2.42 0.00	31.35 -2.25 0.00	31.46 -2.12 0.00	30.84 -2.04 0.00	32.48 -2.07 0.00	42.34 -3.29 0.00	43.51 -4.30 -0.07	43.72 -4.01 0.00	41.42 -3.60 0.00	42.15 -4.27 0.00	40.99 -3.66 0.00	38.78 -3.51 0.00	39.13 -3.26 0.00	38.65 -3.41 0.00	39.80 -3.70 0.02	43.10 -3.38 1.76	46.92 -4.43 -0.46	44.62 -3.77 2.49	42.88 -3.11 1.16	37.80 -3.14 -0.22	35.72 -3.83 -0.09	35.22 -2.86 -0.01	34.75 -3.06 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	39.29 1.87 0.00	36.29 1.70 0.00	35.25 1.65 0.00	35.25 1.68 0.00	34.46 1.58 0.00	36.28 1.73 0.00	48.68 3.06 0.00	51.75 3.48 -0.53	51.26 3.53 0.00	48.22 3.20 0.00	49.81 3.39 0.00	47.82 3.17 0.00	45.21 2.92 0.00	45.37 2.97 0.00	44.96 2.90 0.00	46.66 3.13 0.00	52.12 3.86 -0.03	63.08 4.12 -8.08	61.82 4.07 -6.87	54.53 3.72 -3.66	48.37 3.18 -4.47	43.53 2.88 -1.18	40.87 2.74 -0.06	40.08 2.27 0.00
PEEKSKILL____ 23653	38.95 1.53 0.00	35.98 1.39 0.00	34.98 1.38 0.00	34.95 1.38 0.00	34.23 1.35 0.00	36.11 1.56 0.00	48.41 2.78 0.00	51.45 3.20 -0.52	50.93 3.20 0.00	47.82 2.79 0.00	49.54 3.11 0.00	47.55 2.90 0.00	45.17 2.88 0.00	45.20 2.80 0.00	44.88 2.82 0.00	46.44 2.92 0.00	51.74 3.47 -0.03	62.55 3.82 -7.85	61.27 3.71 -6.68	54.10 3.40 -3.56	47.96 2.89 -4.35	43.26 2.64 -1.15	40.68 2.55 -0.05	40.23 2.42 0.00
PGE MADISON__WINDPWR 24146	40.30 2.88 0.00	37.33 2.73 0.00	36.22 2.62 0.00	36.19 2.62 0.00	35.51 2.63 0.00	37.67 3.11 0.00	50.69 5.06 0.00	53.19 5.30 -0.16	52.84 5.11 0.00	49.79 4.77 0.00	50.84 4.41 0.00	48.76 4.11 0.00	46.27 3.97 0.00	46.38 3.98 0.00	46.06 4.00 0.00	47.91 4.35 -0.03	55.22 4.87 -2.11	60.20 5.65 -3.68	64.69 5.70 -8.11	55.40 4.95 -3.30	46.87 4.07 -2.09	43.69 3.71 -0.51	41.36 3.27 -0.02	40.83 3.03 0.00
PIERCEFIELD__HYD 23852	37.98 0.56 0.00	35.12 0.52 0.00	34.04 0.44 0.00	33.94 0.37 0.00	33.11 0.23 0.00	34.24 -0.31 0.00	44.67 -0.96 0.00	46.82 -0.91 0.00	46.82 -0.91 0.00	44.71 -0.32 0.00	46.01 -0.42 0.00	44.20 -0.45 0.00	41.87 -0.42 0.00	41.93 -0.47 0.00	41.60 -0.46 0.00	43.09 -0.44 0.00	47.66 -0.58 0.00	49.91 -0.97 0.00	49.91 -0.97 0.00	46.11 -1.04 0.00	39.82 -0.90 0.00	38.87 -0.59 0.00	37.69 -0.38 0.00	37.96 0.15 0.00
PINELAWN_CC_1 323563	40.55 2.55 -0.58	39.36 2.32 -2.44	38.22 2.29 -2.34	36.22 2.31 -0.33	37.80 2.27 -2.66	45.64 2.56 -8.52	60.61 4.19 -10.79	70.22 4.73 -17.77	64.69 4.68 -12.29	60.70 4.23 -11.44	63.40 4.60 -12.38	62.25 4.33 -13.26	62.04 4.27 -15.47	63.41 4.24 -16.77	64.35 4.25 -18.05	67.20 4.35 -19.32	63.53 4.97 -10.32	78.36 5.50 -21.99	78.35 5.45 -22.03	66.84 5.00 -14.70	71.50 4.23 -26.56	69.86 3.98 -26.41	58.86 3.77 -17.01	51.42 3.63 -9.98
PJM_GEN_HTP_PROXY 323702	39.10 1.69 0.00	36.12 1.52 0.00	35.11 1.51 0.00	35.08 1.51 0.00	34.39 1.51 0.00	37.93 1.73 -1.65	47.03 3.06 1.65	51.83 3.58 -0.52	51.26 3.53 0.00	48.13 3.10 0.00	49.91 3.48 0.00	47.91 3.26 0.00	45.55 3.26 0.00	45.62 3.22 0.00	45.26 3.20 0.00	46.79 3.27 0.00	52.08 3.81 -0.03	62.93 4.17 -7.88	61.65 4.07 -6.70	54.49 3.77 -3.57	48.26 3.18 -4.36	43.58 2.96 -1.15	40.99 2.86 -0.06	40.54 2.72 0.00

PJM_GEN_KEystone 24065	36.41 -1.01 0.00	33.77 -0.83 0.00	32.86 -0.74 0.00	32.90 -0.67 0.00	32.22 -0.66 0.00	35.65 -0.55 -1.65	43.43 -0.55 1.65	47.13 -0.91 -0.31	46.77 -0.95 0.00	44.17 -0.86 0.00	45.36 -0.93 0.14	43.89 -0.76 0.00	41.54 -0.76 0.00	41.72 -0.68 0.00	41.35 -0.72 0.00	42.06 -0.83 0.64	45.92 -0.77 1.54	54.54 -0.71 -4.37	52.71 -0.66 -2.50	47.92 -0.61 -1.39	42.55 -0.57 -2.41	39.41 -0.71 -0.65	37.42 -0.68 -0.03	37.28 -0.53 0.00
PJM_GEN_NEPTUNE_PROXY 323594	40.02 2.02 -0.58	38.91 1.87 -2.44	37.75 1.81 -2.34	35.75 1.85 -0.33	37.34 1.81 -2.66	46.80 2.07 -10.17	58.23 3.47 -9.14	69.41 3.91 -17.77	63.93 3.91 -12.29	59.93 3.47 -11.44	62.61 3.81 -12.38	61.49 3.57 -13.26	61.32 3.55 -15.47	62.64 3.48 -16.77	63.60 3.49 -18.05	66.42 3.57 -19.32	62.71 4.15 -10.32	77.45 4.58 -21.99	77.38 4.48 -22.03	65.94 4.10 -14.70	70.77 3.50 -26.56	69.11 3.24 -26.41	58.20 3.12 -17.01	50.81 3.03 -9.98
PJM_GEN_VFT_PROXY 323633	38.91 1.50 0.01	35.94 1.35 0.01	34.94 1.35 0.01	34.94 1.38 0.01	34.25 1.38 0.01	37.79 1.59 -1.65	46.90 2.92 1.65	51.69 3.44 -0.52	51.17 3.44 0.00	47.99 2.97 0.00	49.77 3.34 0.00	47.78 3.12 0.00	45.42 3.13 0.00	45.49 3.09 0.00	45.17 3.11 0.00	46.66 3.14 0.00	51.94 3.66 -0.04	62.84 4.07 -7.89	61.55 3.97 -6.70	54.35 3.63 -3.57	48.13 3.06 -4.36	43.46 2.84 -1.15	40.92 2.78 -0.07	40.42 2.61 0.00
PLATSBRG_115KV_PMLD1 355749	39.70 2.28 0.00	36.78 2.18 0.00	35.62 2.02 0.00	35.49 1.91 0.00	34.72 1.84 0.00	35.83 1.28 0.00	46.90 1.28 0.00	49.16 1.43 0.00	49.11 1.38 0.00	46.55 1.53 0.00	48.14 1.72 0.00	46.21 1.56 0.00	43.78 1.48 0.00	43.80 1.40 0.00	43.41 1.35 0.00	44.92 1.39 0.00	49.49 1.25 0.00	52.41 1.53 0.00	52.41 1.53 0.00	48.42 1.27 0.00	41.81 1.10 0.00	40.45 0.99 0.00	39.02 0.95 0.00	39.62 1.81 0.00
PLEASANTVLY___LBMP 24000	38.84 1.42 0.00	35.91 1.31 0.00	34.91 1.31 0.00	34.88 1.31 0.00	34.16 1.28 0.00	36.01 1.45 0.00	48.18 2.56 0.00	51.14 2.86 -0.54	50.54 2.82 0.00	47.64 2.61 0.00	49.26 2.83 0.00	47.33 2.68 0.00	44.88 2.58 0.00	44.94 2.54 0.00	44.63 2.57 0.00	46.18 2.65 0.00	51.40 3.14 -0.03	62.59 3.41 -8.31	61.30 3.36 -7.06	53.97 3.06 -3.76	47.92 2.61 -4.60	43.09 2.41 -1.22	40.49 2.36 -0.06	39.74 1.93 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	38.99 1.57 0.00	36.05 1.45 0.00	35.04 1.44 0.00	35.02 1.44 0.00	34.29 1.41 0.00	36.18 1.62 0.00	48.50 2.87 0.00	51.55 3.29 -0.52	50.97 3.25 0.00	48.00 2.97 0.00	49.63 3.20 0.00	47.69 3.04 0.00	45.26 2.96 0.00	45.32 2.93 0.00	45.01 2.94 0.00	46.57 3.05 0.00	51.88 3.62 -0.03	62.76 3.92 -7.96	61.52 3.87 -6.77	54.24 3.49 -3.61	48.06 2.93 -4.41	43.35 2.72 -1.17	40.79 2.67 -0.05	40.00 2.19 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	38.99 1.57 0.00	36.05 1.45 0.00	35.04 1.44 0.00	35.02 1.44 0.00	34.29 1.41 0.00	36.18 1.62 0.00	48.50 2.87 0.00	51.55 3.29 -0.52	50.97 3.25 0.00	48.00 2.97 0.00	49.63 3.20 0.00	47.69 3.04 0.00	45.26 2.96 0.00	45.32 2.93 0.00	45.01 2.94 0.00	46.57 3.05 0.00	51.88 3.62 -0.03	62.76 3.92 -7.96	61.52 3.87 -6.77	54.24 3.49 -3.61	48.06 2.93 -4.41	43.35 2.72 -1.17	40.79 2.67 -0.05	40.00 2.19 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	39.07 1.65 0.00	36.09 1.49 0.00	35.08 1.48 0.00	35.05 1.48 0.00	34.29 1.41 0.00	36.18 1.62 0.00	48.41 2.78 0.00	51.37 3.10 -0.53	50.78 3.05 0.00	47.82 2.79 0.00	49.44 3.02 0.00	47.51 2.86 0.00	45.00 2.71 0.00	45.07 2.67 0.00	44.75 2.69 0.00	46.31 2.79 0.00	51.59 3.33 -0.03	62.68 3.66 -8.14	61.36 3.56 -6.92	54.09 3.25 -3.69	47.99 2.77 -4.51	43.18 2.53 -1.19	40.64 2.51 -0.06	39.85 2.04 0.00
POLETTI_____ 23519	39.10 1.68 0.00	36.12 1.52 0.00	35.15 1.55 0.00	35.12 1.54 0.00	34.42 1.55 0.00	36.28 1.73 0.00	48.68 3.06 0.00	51.78 3.53 -0.52	51.21 3.48 0.00	48.18 3.15 0.00	49.91 3.48 0.00	47.96 3.30 0.00	45.51 3.21 0.00	45.58 3.18 0.00	45.26 3.20 0.00	46.79 3.26 0.00	52.18 3.91 -0.04	62.99 4.22 -7.89	61.70 4.12 -6.70	54.49 3.77 -3.57	48.25 3.18 -4.36	43.58 2.96 -1.15	41.07 2.93 -0.07	40.27 2.46 -0.01
POMONA___ESR 323819	38.80 1.39 0.00	35.84 1.24 0.00	34.84 1.24 0.00	34.81 1.24 0.00	34.13 1.25 0.00	36.01 1.45 0.00	48.22 2.60 0.00	51.19 2.96 -0.50	50.59 2.86 0.00	47.54 2.52 0.00	49.21 2.79 0.00	47.24 2.59 0.00	44.88 2.58 0.00	44.94 2.54 0.00	44.63 2.57 0.00	46.09 2.57 0.00	51.30 3.04 -0.03	61.89 3.41 -7.60	60.65 3.31 -6.47	53.61 3.02 -3.45	47.54 2.61 -4.21	42.99 2.41 -1.11	40.45 2.32 -0.05	40.04 2.23 0.00
PORT_JEFF_3 23555	40.84 2.84 -0.58	39.67 2.63 -2.44	38.49 2.55 -2.34	36.56 2.65 -0.33	38.10 2.57 -2.66	45.91 2.83 -8.52	61.02 4.61 -10.79	70.46 4.96 -17.77	65.02 5.01 -12.29	61.06 4.59 -11.44	63.95 5.15 -12.38	62.78 4.87 -13.27	62.55 4.78 -15.47	63.91 4.75 -16.77	64.90 4.79 -18.05	67.76 4.92 -19.32	63.82 5.26 -10.32	78.77 5.90 -21.99	78.75 5.85 -22.03	67.17 5.33 -14.70	71.99 4.72 -26.56	70.41 4.54 -26.41	59.24 4.15 -17.02	51.80 4.01 -9.98
PORT_JEFF_4 23616	40.84 2.84 -0.58	39.67 2.63 -2.44	38.49 2.55 -2.34	36.56 2.65 -0.33	38.10 2.57 -2.66	45.91 2.83 -8.52	61.02 4.61 -10.79	70.46 4.96 -17.77	65.02 5.01 -12.29	61.06 4.59 -11.44	63.95 5.15 -12.38	62.78 4.87 -13.27	62.55 4.78 -15.47	63.91 4.75 -16.77	64.90 4.79 -18.05	67.76 4.92 -19.32	63.82 5.26 -10.32	78.77 5.90 -21.99	78.75 5.85 -22.03	67.17 5.33 -14.70	71.99 4.72 -26.56	70.41 4.54 -26.41	59.24 4.15 -17.02	51.80 4.01 -9.98
PORT_JEFF_IC 23713	40.84 2.84 -0.58	39.70 2.66 -2.44	38.52 2.59 -2.34	36.56 2.65 -0.33	38.13 2.60 -2.66	45.91 2.83 -8.52	61.02 4.61 -10.79	70.51 5.01 -17.77	65.07 5.06 -12.29	61.06 4.59 -11.44	64.00 5.20 -12.38	62.83 4.91 -13.27	62.59 4.82 -15.47	63.96 4.79 -16.77	64.94 4.84 -18.05	67.81 4.96 -19.32	63.82 5.26 -10.32	78.82 5.95 -21.99	78.80 5.90 -22.03	67.22 5.37 -14.70	71.99 4.72 -26.56	70.41 4.54 -26.41	59.24 4.15 -17.02	51.80 4.01 -9.98
PPL PILGRIM_ST_GT1 24216	40.92 2.92 -0.58	39.74 2.70 -2.44	38.59 2.65 -2.34	36.59 2.69 -0.33	38.16 2.63 -2.66	45.95 2.87 -8.52	61.12 4.70 -10.79	70.70 5.20 -17.77	65.22 5.20 -12.29	61.15 4.68 -11.44	63.95 5.15 -12.38	62.78 4.87 -13.27	62.55 4.78 -15.47	63.91 4.75 -16.77	64.90 4.79 -18.05	67.81 4.96 -19.32	64.06 5.50 -10.32	79.02 6.15 -21.99	78.96 6.05 -22.03	67.41 5.56 -14.70	72.07 4.80 -26.56	70.41 4.54 -26.41	59.31 4.23 -17.02	51.84 4.05 -9.98
PPL PILGRIM_ST_GT2 24217	40.92 2.92 -0.58	39.74 2.70 -2.44	38.59 2.65 -2.34	36.59 2.69 -0.33	38.16 2.63 -2.66	45.95 2.87 -8.52	61.12 4.70 -10.79	70.70 5.20 -17.77	65.22 5.20 -12.29	61.15 4.68 -11.44	63.95 5.15 -12.38	62.78 4.87 -13.27	62.55 4.78 -15.47	63.91 4.75 -16.77	64.90 4.79 -18.05	67.81 4.96 -19.32	64.06 5.50 -10.32	79.02 6.15 -21.99	78.96 6.05 -22.03	67.41 5.56 -14.70	72.07 4.80 -26.56	70.41 4.54 -26.41	59.31 4.23 -17.02	51.84 4.05 -9.98

PPL_SHRM_GT3 24213	40.84 2.84 -0.58	39.77 2.73 -2.44	38.52 2.59 -2.34	36.69 2.78 -0.33	38.16 2.63 -2.66	45.91 2.83 -8.52	60.98 4.56 -10.79	70.13 4.63 -17.77	64.79 4.77 -12.29	60.92 4.46 -11.44	64.23 5.43 -12.38	63.05 5.13 -13.27	62.76 4.99 -15.47	64.17 5.00 -16.77	65.15 5.05 -18.05	68.02 5.18 -19.32	63.33 4.78 -10.32	78.31 5.45 -21.99	78.35 5.45 -22.03	66.79 4.95 -14.70	71.95 4.68 -26.56	70.65 4.77 -26.41	59.24 4.15 -17.02	51.84 4.05 -9.98
PPL_SHRM_GT4 24214	40.84 2.84 -0.58	39.77 2.73 -2.44	38.52 2.59 -2.34	36.69 2.78 -0.33	38.16 2.63 -2.66	45.91 2.83 -8.52	60.98 4.56 -10.79	70.13 4.63 -17.77	64.79 4.77 -12.29	60.92 4.46 -11.44	64.23 5.43 -12.38	63.05 5.13 -13.27	62.76 4.99 -15.47	64.17 5.00 -16.77	65.15 5.05 -18.05	68.02 5.18 -19.32	63.33 4.78 -10.32	78.31 5.45 -21.99	78.35 5.45 -22.03	66.79 4.95 -14.70	71.95 4.68 -26.56	70.65 4.77 -26.41	59.24 4.15 -17.02	51.84 4.05 -9.98
PROJECT___ORANGE 1 24174	36.37 -1.05 0.00	33.63 -0.97 0.00	32.66 -0.94 0.00	32.63 -0.94 0.00	31.99 -0.89 0.00	33.79 -0.76 0.00	44.76 -0.87 0.00	46.87 -0.91 -0.05	46.87 -0.86 0.00	44.21 -0.81 0.00	45.50 -0.93 0.00	43.80 -0.85 0.00	41.45 -0.85 0.00	41.59 -0.81 0.00	41.22 -0.84 0.00	42.65 -0.87 0.00	47.32 -0.92 0.00	50.73 -0.86 -0.71	51.10 -0.86 -1.08	46.57 -0.90 -0.32	40.25 -0.86 -0.39	38.78 -0.79 -0.10	37.24 -0.84 0.00	36.82 -0.98 0.00
PROJECT___ORANGE 2 24166	36.37 -1.05 0.00	33.63 -0.97 0.00	32.66 -0.94 0.00	32.63 -0.94 0.00	31.99 -0.89 0.00	33.79 -0.76 0.00	44.76 -0.87 0.00	46.87 -0.91 -0.05	46.87 -0.86 0.00	44.21 -0.81 0.00	45.50 -0.93 0.00	43.80 -0.85 0.00	41.45 -0.85 0.00	41.59 -0.81 0.00	41.22 -0.84 0.00	42.65 -0.87 0.00	47.32 -0.92 0.00	50.73 -0.86 -0.71	51.10 -0.86 -1.08	46.57 -0.90 -0.32	40.25 -0.86 -0.39	38.78 -0.79 -0.10	37.24 -0.84 0.00	36.82 -0.98 0.00
PUCKETT___SOLAR 323809	38.05 0.64 0.00	35.22 0.62 0.00	34.21 0.61 0.00	34.21 0.64 0.00	33.54 0.66 0.00	35.45 0.90 0.00	47.22 1.60 0.00	49.43 1.53 -0.17	49.21 1.48 0.00	46.42 1.40 0.00	47.72 1.30 0.00	45.86 1.21 0.00	43.44 1.14 0.00	43.58 1.19 0.00	43.20 1.14 0.00	44.79 1.26 0.00	50.15 1.45 -0.47	55.41 1.73 -2.80	56.60 1.78 -3.94	50.33 1.55 -1.63	43.49 1.22 -1.56	40.94 1.07 -0.41	38.97 0.88 -0.02	38.68 0.87 0.00
PYRITES___HYD 24023	38.58 1.16 0.00	35.67 1.07 0.00	34.57 0.97 0.00	34.51 0.94 0.00	33.70 0.82 0.00	35.00 0.45 0.00	45.81 0.18 0.00	48.07 0.33 0.00	48.11 0.38 0.00	45.83 0.81 0.00	47.17 0.74 0.00	45.28 0.63 0.00	42.93 0.63 0.00	42.99 0.59 0.00	42.65 0.59 0.00	44.13 0.61 0.00	48.72 0.48 0.00	51.23 0.36 0.00	51.29 0.41 0.00	47.38 0.24 0.00	40.88 0.16 0.00	39.78 0.32 0.00	38.45 0.38 0.00	38.68 0.87 0.00
QUAKERRD_115KV_BK1 80622	34.31 -3.11 0.00	31.76 -2.84 0.00	30.84 -2.76 0.00	30.89 -2.69 0.00	30.28 -2.60 0.00	32.00 -2.56 0.00	42.20 -3.42 0.00	43.93 -3.87 -0.06	44.05 -3.68 0.00	41.56 -3.47 0.00	42.57 -3.85 0.00	41.08 -3.57 0.00	38.91 -3.38 0.00	39.18 -3.22 0.00	38.74 -3.32 0.00	40.03 -3.48 0.01	41.77 -4.10 2.37	47.46 -3.92 -0.50	43.04 -4.02 3.82	41.59 -3.96 1.60	37.56 -3.42 -0.26	36.43 -3.12 -0.08	35.03 -3.05 -0.01	34.63 -3.18 0.00
QUENSBRY_115KV_TB8 356137	38.92 1.50 0.00	35.88 1.28 0.00	34.98 1.38 0.00	34.95 1.38 0.00	34.19 1.32 0.00	36.14 1.59 0.00	48.18 2.56 0.00	51.16 2.77 -0.66	50.64 2.91 0.00	47.59 2.57 0.00	49.07 2.65 0.00	46.75 2.10 0.00	43.99 1.69 0.00	43.88 1.48 0.00	43.62 1.56 0.00	45.18 1.65 0.00	50.39 2.12 -0.03	63.15 2.24 -10.03	61.75 2.34 -8.53	53.81 2.12 -4.55	48.02 1.75 -5.56	42.39 1.46 -1.47	39.55 1.41 -0.07	38.79 0.98 0.00
RAMAPO___LBMP 323565	38.65 1.23 0.00	35.74 1.14 0.00	34.74 1.14 0.00	34.71 1.14 0.00	34.03 1.15 0.00	35.87 1.31 0.00	48.09 2.46 0.00	51.00 2.77 -0.50	50.40 2.67 0.00	47.46 2.43 0.00	49.02 2.60 0.00	47.15 2.50 0.00	44.75 2.45 0.00	44.82 2.42 0.00	44.46 2.40 0.00	46.00 2.48 0.00	51.20 2.94 -0.03	61.72 3.26 -7.58	60.48 3.15 -6.45	53.46 2.88 -3.44	47.40 2.48 -4.20	42.86 2.29 -1.11	40.33 2.21 -0.05	39.55 1.74 0.00
RANKINE____ 23646	33.75 -3.67 0.00	31.38 -3.22 0.00	30.54 -3.06 0.00	30.65 -2.92 0.00	30.05 -2.83 0.00	31.65 -2.90 0.00	41.25 -4.38 0.00	42.31 -5.49 -0.07	42.48 -5.25 0.00	40.25 -4.77 0.00	40.99 -5.43 0.00	39.83 -4.82 0.00	37.73 -4.57 0.00	38.07 -4.32 0.00	37.56 -4.50 0.00	38.72 -4.79 0.02	41.16 -5.31 1.77	45.82 -5.49 -0.44	43.00 -5.34 2.54	40.97 -5.00 1.18	36.49 -4.44 -0.21	35.17 -4.38 -0.08	34.27 -3.81 -0.01	33.88 -3.93 0.00
RAVENSWOOD_GT2_1 24244	39.18 1.76 0.00	36.19 1.59 0.00	35.18 1.58 0.00	35.15 1.58 0.00	34.46 1.58 0.00	36.32 1.76 0.00	48.77 3.15 0.00	51.92 3.68 -0.52	51.31 3.58 0.00	48.31 3.29 0.00	50.00 3.57 0.00	48.04 3.39 0.00	45.59 3.30 0.00	45.66 3.26 0.00	45.34 3.28 0.00	46.88 3.35 0.00	52.28 4.00 -0.04	63.09 4.32 -7.89	61.80 4.22 -6.70	54.58 3.87 -3.57	48.34 3.26 -4.36	43.66 3.04 -1.15	41.11 2.97 -0.07	40.31 2.50 -0.01
RAVENSWOOD_GT2_2 24245	39.18 1.76 0.00	36.19 1.59 0.00	35.18 1.58 0.00	35.15 1.58 0.00	34.46 1.58 0.00	36.32 1.76 0.00	48.77 3.15 0.00	51.92 3.68 -0.52	51.31 3.58 0.00	48.31 3.29 0.00	50.00 3.57 0.00	48.04 3.39 0.00	45.59 3.30 0.00	45.66 3.26 0.00	45.34 3.28 0.00	46.88 3.35 0.00	52.28 4.00 -0.04	63.09 4.32 -7.89	61.80 4.22 -6.70	54.58 3.87 -3.57	48.34 3.26 -4.36	43.66 3.04 -1.15	41.11 2.97 -0.07	40.31 2.50 -0.01
RAVENSWOOD_GT2_3 24246	39.18 1.76 0.00	36.19 1.59 0.00	35.18 1.58 0.00	35.15 1.58 0.00	34.49 1.61 0.00	36.35 1.80 0.00	48.82 3.19 0.00	51.92 3.68 -0.52	51.36 3.63 0.00	48.31 3.29 0.00	50.05 3.62 0.00	48.04 3.39 0.00	45.64 3.34 0.00	45.71 3.31 0.00	45.38 3.32 0.00	46.92 3.39 0.00	52.28 4.00 -0.04	63.15 4.38 -7.89	61.85 4.27 -6.70	54.63 3.91 -3.57	48.38 3.30 -4.36	43.70 3.08 -1.15	41.11 2.97 -0.07	40.31 2.50 -0.01
RAVENSWOOD_GT2_4 24247	39.18 1.76 0.00	36.19 1.59 0.00	35.18 1.58 0.00	35.15 1.58 0.00	34.49 1.61 0.00	36.35 1.80 0.00	48.82 3.19 0.00	51.92 3.68 -0.52	51.36 3.63 0.00	48.31 3.29 0.00	50.05 3.62 0.00	48.04 3.39 0.00	45.64 3.34 0.00	45.71 3.31 0.00	45.38 3.32 0.00	46.92 3.39 0.00	52.28 4.00 -0.04	63.15 4.38 -7.89	61.85 4.27 -6.70	54.63 3.91 -3.57	48.38 3.30 -4.36	43.70 3.08 -1.15	41.11 2.97 -0.07	40.31 2.50 -0.01
RAVENSWOOD_GT3_1 24248	39.18 1.76 0.00	36.19 1.59 0.00	35.18 1.58 0.00	35.15 1.58 0.00	34.46 1.58 0.00	36.32 1.76 0.00	48.77 3.15 0.00	51.92 3.68 -0.52	51.36 3.63 0.00	48.31 3.29 0.00	50.00 3.57 0.00	48.04 3.39 0.00	45.64 3.34 0.00	45.71 3.31 0.00	45.34 3.28 0.00	46.92 3.39 0.00	52.28 4.00 -0.04	63.09 4.32 -7.89	61.85 4.27 -6.70	54.58 3.87 -3.57	48.38 3.30 -4.36	43.66 3.04 -1.15	41.11 2.97 -0.07	40.31 2.50 -0.01



RAVENSWOOD_GT3_2 24249	39.18 1.76 0.00	36.19 1.59 0.00	35.18 1.58 0.00	35.15 1.58 0.00	34.46 1.58 0.00	36.32 1.76 0.00	48.77 3.15 0.00	51.92 3.68 -0.52	51.36 3.63 0.00	48.31 3.29 0.00	50.00 3.57 0.00	48.04 3.39 0.00	45.64 3.34 0.00	45.71 3.31 0.00	45.34 3.28 0.00	46.92 3.39 0.00	52.28 4.00 -0.04	63.09 4.32 -7.89	61.85 4.27 -6.70	54.58 3.87 -3.57	48.38 3.30 -4.36	43.66 3.04 -1.15	41.11 2.97 -0.07	40.31 2.50 -0.01
RAVENSWOOD_GT3_3 24250	39.22 1.80 0.00	36.22 1.63 0.00	35.21 1.61 0.00	35.18 1.61 0.00	34.49 1.61 0.00	36.39 1.83 0.00	48.86 3.24 0.00	52.02 3.77 -0.52	51.40 3.68 0.00	48.36 3.33 0.00	50.09 3.67 0.00	48.09 3.44 0.00	45.68 3.38 0.00	45.75 3.35 0.00	45.43 3.36 0.00	46.96 3.44 0.00	52.38 4.10 -0.04	63.20 4.43 -7.89	61.90 4.32 -6.70	54.68 3.96 -3.57	48.42 3.34 -4.36	43.74 3.12 -1.15	41.19 3.05 -0.07	40.35 2.53 -0.01
RAVENSWOOD_GT3_4 24251	39.22 1.80 0.00	36.22 1.63 0.00	35.21 1.61 0.00	35.18 1.61 0.00	34.49 1.61 0.00	36.39 1.83 0.00	48.86 3.24 0.00	52.02 3.77 -0.52	51.40 3.68 0.00	48.36 3.33 0.00	50.09 3.67 0.00	48.09 3.44 0.00	45.68 3.38 0.00	45.75 3.35 0.00	45.43 3.36 0.00	46.96 3.44 0.00	52.38 4.10 -0.04	63.20 4.43 -7.89	61.90 4.32 -6.70	54.68 3.96 -3.57	48.42 3.34 -4.36	43.74 3.12 -1.15	41.19 3.05 -0.07	40.35 2.53 -0.01
RAVENSWOOD_GT_1 23729	39.33 1.91 0.00	36.33 1.73 0.00	35.31 1.71 0.00	35.28 1.71 0.00	34.62 1.74 0.00	36.45 1.90 0.00	48.91 3.29 0.00	59.81 3.91 -8.17	62.05 3.87 -10.46	48.49 3.47 0.00	50.19 3.76 0.00	48.22 3.57 0.00	45.81 3.51 -0.01	45.92 3.52 0.00	57.90 3.53 -12.31	47.14 3.61 -0.01	52.54 4.24 -0.06	72.51 4.63 -17.00	69.99 4.53 -14.58	65.81 4.15 -14.52	55.04 3.50 -10.83	50.80 3.24 -8.10	41.26 3.12 -0.07	40.50 2.68 -0.01
RAVENSWOOD_GT_10 24258	39.18 1.76 0.00	36.19 1.59 0.00	35.18 1.58 0.00	35.15 1.58 0.00	34.46 1.58 0.00	36.32 1.76 0.00	48.77 3.15 0.00	51.92 3.68 -0.52	51.10 3.58 0.21	48.31 3.29 0.00	50.00 3.57 0.00	48.04 3.39 0.00	45.59 3.30 0.00	45.66 3.26 0.00	45.07 3.28 0.27	46.88 3.35 0.00	52.28 4.00 -0.04	62.64 4.32 -7.43	61.43 4.22 -6.33	54.36 3.87 -3.35	48.34 3.26 -4.36	43.66 3.04 -1.15	41.11 2.97 -0.07	40.31 2.50 -0.01
RAVENSWOOD_GT_11 24259	39.18 1.76 0.00	36.19 1.59 0.00	35.18 1.58 0.00	35.15 1.58 0.00	34.46 1.58 0.00	36.32 1.76 0.00	48.77 3.15 0.00	51.92 3.68 -0.52	51.10 3.58 0.21	48.31 3.29 0.00	50.00 3.57 0.00	48.04 3.39 0.00	45.59 3.30 0.00	45.66 3.26 0.00	45.07 3.28 0.27	46.88 3.35 0.00	52.28 4.00 -0.04	62.64 4.32 -7.43	61.43 4.22 -6.33	54.36 3.87 -3.35	48.34 3.26 -4.36	43.66 3.04 -1.15	41.11 2.97 -0.07	40.31 2.50 -0.01
RAVENSWOOD_GT_4 24252	39.14 1.72 0.00	36.15 1.56 0.00	35.15 1.55 0.00	35.12 1.54 0.00	34.46 1.58 0.00	36.32 1.76 0.00	48.77 3.15 0.00	57.70 3.63 -6.34	56.06 3.58 -4.75	48.27 3.24 0.00	50.00 3.57 0.00	48.00 3.35 0.00	45.60 3.30 -0.01	45.66 3.26 0.00	50.53 3.24 -5.23	46.88 3.35 -0.01	52.24 3.96 -0.05	63.05 4.27 -7.90	62.25 4.22 -7.15	59.50 3.82 -8.54	53.26 3.26 -9.28	48.91 3.00 -6.44	41.11 2.97 -0.07	40.27 2.46 -0.01
RAVENSWOOD_GT_5 24254	39.14 1.72 0.00	36.15 1.56 0.00	35.15 1.55 0.00	35.12 1.54 0.00	34.46 1.58 0.00	36.32 1.76 0.00	48.77 3.15 0.00	57.70 3.63 -6.34	56.06 3.58 -4.75	48.27 3.24 0.00	50.00 3.57 0.00	48.00 3.35 0.00	45.60 3.30 -0.01	45.66 3.26 0.00	50.53 3.24 -5.23	46.88 3.35 -0.01	52.24 3.96 -0.05	63.05 4.27 -7.90	62.25 4.22 -7.15	59.50 3.82 -8.54	53.26 3.26 -9.28	48.91 3.00 -6.44	41.11 2.97 -0.07	40.27 2.46 -0.01
RAVENSWOOD_GT_6 24253	39.14 1.72 0.00	36.15 1.56 0.00	35.15 1.55 0.00	35.12 1.54 0.00	34.46 1.58 0.00	36.32 1.76 0.00	48.77 3.15 0.00	57.70 3.63 -6.34	56.06 3.58 -4.75	48.27 3.24 0.00	50.00 3.57 0.00	48.00 3.35 0.00	45.60 3.30 -0.01	45.66 3.26 0.00	50.53 3.24 -5.23	46.88 3.35 -0.01	52.24 3.96 -0.05	63.05 4.27 -7.90	62.25 4.22 -7.15	59.50 3.82 -8.54	53.26 3.26 -9.28	48.91 3.00 -6.44	41.11 2.97 -0.07	40.27 2.46 -0.01
RAVENSWOOD_GT_7 24255	39.14 1.72 0.00	36.15 1.56 0.00	35.15 1.55 0.00	35.12 1.54 0.00	34.46 1.58 0.00	36.32 1.76 0.00	48.77 3.15 0.00	57.70 3.63 -6.34	56.06 3.58 -4.75	48.27 3.24 0.00	50.00 3.57 0.00	48.00 3.35 0.00	45.60 3.30 -0.01	45.66 3.26 0.00	50.53 3.24 -5.23	46.88 3.35 -0.01	52.24 3.96 -0.05	63.05 4.27 -7.90	62.25 4.22 -7.15	59.50 3.82 -8.54	53.26 3.26 -9.28	48.91 3.00 -6.44	41.11 2.97 -0.07	40.27 2.46 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	39.18 1.76 0.00	36.19 1.59 0.00	35.18 1.58 0.00	35.15 1.58 0.00	34.46 1.58 0.00	36.32 1.76 0.00	48.77 3.15 0.00	51.92 3.68 -0.52	51.10 3.58 0.21	48.31 3.29 0.00	50.00 3.57 0.00	48.04 3.39 0.00	45.59 3.30 0.00	45.66 3.26 0.00	45.07 3.28 0.27	46.88 3.35 0.00	52.28 4.00 -0.04	62.64 4.32 -7.43	61.43 4.22 -6.33	54.36 3.87 -3.35	48.34 3.26 -4.36	43.66 3.04 -1.15	41.11 2.97 -0.07	40.31 2.50 -0.01
RAVENSWOOD_GT_9 24257	39.18 1.76 0.00	36.19 1.59 0.00	35.18 1.58 0.00	35.15 1.58 0.00	34.46 1.58 0.00	36.32 1.76 0.00	48.77 3.15 0.00	51.92 3.68 -0.52	51.10 3.58 0.21	48.31 3.29 0.00	50.00 3.57 0.00	48.04 3.39 0.00	45.59 3.30 0.00	45.66 3.26 0.00	45.07 3.28 0.27	46.88 3.35 0.00	52.28 4.00 -0.04	62.64 4.32 -7.43	61.43 4.22 -6.33	54.36 3.87 -3.35	48.34 3.26 -4.36	43.66 3.04 -1.15	41.11 2.97 -0.07	40.31 2.50 -0.01
RAVENSWOOD___1 23533	39.29 1.87 0.00	36.29 1.69 0.00	35.28 1.68 0.00	35.25 1.68 0.00	34.59 1.71 0.00	36.45 1.90 0.00	48.91 3.29 0.00	52.16 3.91 -0.52	53.74 3.91 -2.10	48.36 3.33 0.00	50.14 3.72 0.00	48.09 3.44 0.00	45.80 3.51 0.00	45.88 3.48 0.00	48.30 3.53 -2.70	47.05 3.52 0.00	52.43 4.15 -0.04	67.87 4.58 -12.41	65.68 4.48 -10.32	57.06 4.15 -5.77	48.54 3.46 -4.36	43.86 3.24 -1.15	41.19 3.05 -0.07	40.80 2.99 -0.01
RAVENSWOOD___2 23534	39.29 1.87 0.00	36.29 1.69 0.00	35.25 1.65 0.00	35.22 1.64 0.00	34.55 1.68 0.00	36.42 1.86 0.00	48.86 3.24 0.00	52.11 3.86 -0.52	53.68 3.86 -2.09	48.36 3.33 0.00	50.14 3.72 0.00	48.09 3.44 0.00	45.80 3.51 0.00	45.88 3.48 0.00	48.24 3.49 -2.69	47.05 3.52 0.00	52.37 4.10 -0.04	67.80 4.53 -12.40	65.67 4.48 -10.31	57.00 4.10 -5.76	48.54 3.46 -4.36	43.81 3.20 -1.15	41.19 3.05 -0.07	40.80 2.99 -0.01
RAVENSWOOD___3 23535	39.18 1.76 0.00	36.19 1.59 0.00	35.18 1.58 0.00	35.15 1.58 0.00	34.46 1.58 0.00	36.35 1.80 0.00	48.77 3.15 0.00	51.92 3.68 -0.52	51.40 3.68 0.00	48.22 3.20 0.00	50.00 3.58 0.00	47.96 3.30 0.00	45.64 3.34 0.00	45.71 3.31 0.00	45.34 3.28 0.00	46.88 3.35 0.00	52.18 3.91 -0.04	63.09 4.32 -7.89	61.80 4.22 -6.70	54.58 3.87 -3.57	48.34 3.26 -4.36	43.66 3.04 -1.15	41.07 2.93 -0.07	40.65 2.84 -0.01

RAVENSWOOD___4 23820	39.25 1.83 0.00	36.29 1.69 0.00	35.25 1.65 0.00	35.22 1.64 0.00	34.55 1.68 0.00	36.42 1.86 0.00	48.86 3.24 0.00	44.58 3.86 7.02	45.45 3.86 6.14	48.31 3.29 0.00	50.14 3.72 0.00	48.09 3.44 0.00	45.80 3.51 0.01	45.83 3.43 0.00	38.78 3.49 6.77	47.04 3.52 0.01	52.36 4.10 -0.03	63.28 4.53 -7.88	61.47 4.48 -6.12	48.39 4.10 2.86	42.17 3.46 2.00	36.97 3.20 5.69	41.19 3.05 -0.07	40.77 2.95 -0.01
RCPI_TRUST___DRP 24196	39.14 1.72 0.00	36.15 1.56 0.00	35.18 1.58 0.00	35.12 1.54 0.00	34.46 1.58 0.00	36.32 1.76 0.00	48.77 3.15 0.00	51.88 3.63 -0.52	51.26 3.53 0.00	48.31 3.29 0.00	50.05 3.62 0.00	48.04 3.39 0.00	45.64 3.34 0.00	45.66 3.26 0.00	45.34 3.28 0.00	46.88 3.35 0.00	52.27 4.00 -0.03	63.09 4.32 -7.88	61.80 4.22 -6.70	54.53 3.82 -3.57	48.29 3.22 -4.36	43.62 3.00 -1.15	41.10 2.97 -0.06	40.27 2.46 0.00
RED___ROCHESTER 323720	34.80 -2.62 0.00	32.24 -2.35 0.00	31.35 -2.25 0.00	31.39 -2.18 0.00	30.77 -2.10 0.00	32.55 -2.01 0.00	42.98 -2.65 0.00	44.50 -3.29 -0.06	44.58 -3.15 0.00	42.19 -2.84 0.00	43.22 -3.20 0.00	41.75 -2.90 0.00	39.46 -2.83 0.00	39.77 -2.63 0.00	39.28 -2.78 0.00	40.64 -2.87 0.01	42.91 -3.47 1.85	48.16 -3.20 -0.48	44.94 -3.26 2.69	42.59 -3.35 1.21	38.28 -2.69 -0.25	36.98 -2.56 -0.08	35.68 -2.40 -0.01	35.20 -2.61 0.00
REGAN___SOLAR 323812	41.68 4.26 0.00	38.51 3.91 0.00	37.36 3.76 0.00	37.36 3.79 0.00	36.59 3.71 0.00	38.84 4.28 0.00	51.88 6.25 0.00	54.99 6.54 -0.72	54.27 6.54 0.00	50.74 5.72 0.00	52.23 5.80 0.00	49.65 5.00 0.00	46.86 4.57 0.00	47.27 4.87 0.00	47.15 5.09 0.00	48.96 5.44 0.00	54.74 6.47 -0.04	68.86 6.97 -11.01	67.42 7.18 -9.37	58.69 6.55 -4.99	52.31 5.49 -6.10	45.93 4.85 -1.61	42.79 4.64 -0.08	41.93 4.12 0.00
RENSSELAER___COGEN 23796	38.76 1.35 0.00	35.81 1.21 0.00	34.78 1.18 0.00	34.75 1.17 0.00	34.03 1.15 0.00	35.87 1.31 0.00	47.59 1.96 0.00	50.42 2.05 -0.64	49.83 2.10 0.00	46.91 1.89 0.00	48.14 1.72 0.00	46.26 1.61 0.00	43.77 1.48 0.00	43.88 1.48 0.00	43.57 1.51 0.00	45.05 1.52 0.00	50.10 1.83 -0.03	62.41 1.83 -9.70	61.06 1.93 -8.25	53.34 1.79 -4.40	47.68 1.59 -5.38	42.70 1.82 -1.42	39.89 1.75 -0.07	39.55 1.74 0.00
REPUBLIC_115KV_BARTNBRK 55605	40.26 2.84 0.00	37.09 2.49 0.00	36.09 2.49 0.00	36.06 2.48 0.00	35.28 2.40 0.00	37.35 2.80 0.00	49.87 4.24 0.00	53.02 4.63 -0.66	52.64 4.92 0.00	49.35 4.32 0.00	50.84 4.41 0.00	48.40 3.75 0.00	45.30 3.00 0.00	45.28 2.88 0.00	45.05 2.99 0.00	46.70 3.18 0.00	52.22 3.96 -0.03	65.02 4.12 -10.02	63.68 4.27 -8.52	55.60 3.91 -4.54	49.53 3.26 -5.55	43.70 2.76 -1.47	40.81 2.67 -0.07	39.85 2.04 0.00
REVERE_CPPR_DRP 24186	38.43 1.01 0.00	35.53 0.93 0.00	34.51 0.91 0.00	34.44 0.87 0.00	33.77 0.89 0.00	35.69 1.14 0.00	47.59 1.96 0.00	49.95 2.20 -0.03	49.92 2.20 0.00	47.10 2.07 0.00	48.37 1.95 0.00	46.48 1.83 0.00	44.11 1.82 0.00	44.22 1.82 0.00	43.87 1.81 0.00	45.48 1.96 0.00	50.36 2.12 0.00	53.68 2.39 -0.41	53.62 2.39 -0.35	49.27 1.93 -0.19	42.49 1.55 -0.23	40.95 1.42 -0.06	39.37 1.29 0.00	38.83 1.02 0.00
REYNOLDS_115KV_TB3 80639	38.84 1.42 0.00	35.88 1.28 0.00	34.84 1.24 0.00	34.81 1.24 0.00	34.09 1.22 0.00	35.94 1.38 0.00	47.77 2.14 0.00	50.61 2.24 -0.64	49.97 2.24 0.00	47.10 2.07 0.00	48.51 2.09 0.00	46.62 1.96 0.00	44.11 1.82 0.00	44.22 1.82 0.00	43.91 1.85 0.00	45.44 1.92 0.00	50.53 2.27 -0.03	62.94 2.34 -9.72	61.54 2.39 -8.27	53.77 2.22 -4.41	47.97 1.87 -5.39	42.86 1.97 -1.42	40.08 1.94 -0.07	39.43 1.63 0.00
RIVERBAY____ 323610	39.78 2.36 0.00	36.78 2.18 0.00	35.72 2.12 0.00	35.65 2.08 0.00	35.01 2.14 0.00	36.77 2.21 0.00	49.18 3.56 0.00	52.45 4.20 -0.52	51.87 4.15 0.01	48.72 3.69 0.00	50.42 3.99 0.00	48.40 3.75 0.00	46.02 3.72 0.00	46.09 3.69 0.00	45.80 3.74 0.01	47.31 3.79 0.00	52.81 4.53 -0.04	63.65 4.88 -7.88	62.35 4.78 -6.69	55.14 4.43 -3.56	48.78 3.71 -4.36	44.05 3.43 -1.15	41.45 3.31 -0.07	40.88 3.06 -0.01
RIVERSDE_115KV_TB3 55908	38.84 1.42 0.00	35.88 1.28 0.00	34.84 1.24 0.00	34.85 1.28 0.00	34.09 1.22 0.00	35.94 1.38 0.00	47.77 2.14 0.00	50.61 2.24 -0.64	50.02 2.29 0.00	47.14 2.12 0.00	48.37 1.95 0.00	46.48 1.83 0.00	43.94 1.65 0.00	44.05 1.65 0.00	43.74 1.68 0.00	45.26 1.74 0.00	50.34 2.07 -0.03	62.71 2.09 -9.74	61.30 2.14 -8.29	53.59 2.03 -4.42	47.86 1.75 -5.40	42.87 1.97 -1.43	40.04 1.90 -0.07	39.40 1.59 0.00
ROARING___BROOK_WT_PWR 323790	37.61 0.19 0.00	34.77 0.17 0.00	33.73 0.13 0.00	33.71 0.13 0.00	32.98 0.10 0.00	34.55 0.00 0.00	45.49 -0.14 0.00	47.54 -0.19 0.00	47.54 -0.19 0.00	44.89 -0.13 0.00	46.29 -0.14 0.00	44.52 -0.13 0.00	42.21 -0.08 0.00	42.31 -0.08 0.00	41.94 -0.13 0.00	43.39 -0.13 0.00	48.00 -0.24 0.00	50.53 -0.35 0.00	50.37 -0.51 0.00	46.58 -0.56 0.00	40.23 -0.49 0.00	38.99 -0.47 0.00	37.62 -0.46 0.00	37.36 -0.45 0.00
ROCHESRG_115KV_T4 355643	34.50 -2.92 0.00	31.97 -2.63 0.00	31.05 -2.55 0.00	31.12 -2.45 0.00	30.51 -2.37 0.00	32.20 -2.35 0.00	42.39 -3.24 0.00	43.97 -3.82 -0.06	44.15 -3.58 0.00	41.65 -3.38 0.00	42.57 -3.85 0.00	41.17 -3.48 0.00	39.00 -3.30 0.00	39.30 -3.10 0.00	38.82 -3.24 0.00	40.07 -3.44 0.01	42.36 -4.05 1.82	47.55 -3.82 -0.48	44.34 -3.92 2.62	42.09 -3.87 1.19	37.67 -3.30 -0.25	36.59 -2.96 -0.08	35.22 -2.86 -0.01	34.82 -2.99 0.00
ROCHESTER_9_IC 23652	34.65 -2.77 0.00	32.14 -2.46 0.00	31.21 -2.39 0.00	31.29 -2.28 0.00	30.64 -2.24 0.00	32.38 -2.18 0.00	42.66 -2.97 0.00	44.26 -3.53 -0.06	44.44 -3.29 0.00	41.92 -3.11 0.00	42.85 -3.57 0.00	41.44 -3.21 0.00	39.29 -3.00 0.00	39.56 -2.84 0.00	39.08 -2.99 0.00	40.33 -3.18 0.01	42.62 -3.76 1.85	47.85 -3.51 -0.48	44.63 -3.56 2.69	42.35 -3.58 1.21	37.87 -3.09 -0.25	36.78 -2.76 -0.08	35.41 -2.67 -0.01	34.97 -2.84 0.00
ROCKVIEW_13_KV_LD 356306	39.07 1.65 0.00	36.09 1.49 0.00	35.08 1.48 0.00	35.05 1.48 0.00	34.36 1.48 0.00	36.25 1.69 0.00	48.64 3.01 0.00	51.78 3.53 -0.52	51.21 3.48 0.00	48.22 3.20 0.00	49.86 3.44 0.00	47.91 3.26 0.00	45.51 3.21 0.00	45.58 3.18 0.00	45.26 3.20 0.00	46.79 3.26 0.00	52.17 3.91 -0.03	62.98 4.22 -7.88	61.75 4.17 -6.70	54.49 3.77 -3.57	48.26 3.18 -4.36	43.50 2.88 -1.15	40.94 2.82 -0.05	40.11 2.31 0.00
ROME____115KV_TB2 80656	38.43 1.01 0.00	35.53 0.93 0.00	34.51 0.91 0.00	34.44 0.87 0.00	33.77 0.89 0.00	35.69 1.14 0.00	47.59 1.96 0.00	49.95 2.20 -0.03	49.92 2.20 0.00	47.10 2.07 0.00	48.37 1.95 0.00	46.48 1.83 0.00	44.11 1.82 0.00	44.22 1.82 0.00	43.87 1.81 0.00	45.48 1.96 0.00	50.36 2.12 0.00	53.68 2.39 -0.41	53.62 2.39 -0.35	49.27 1.93 -0.19	42.49 1.55 -0.23	40.95 1.42 -0.06	39.37 1.29 0.00	38.83 1.02 0.00

ROSETON___1 23587	38.76 1.35 0.00	35.81 1.21 0.00	34.81 1.21 0.00	34.78 1.21 0.00	34.06 1.18 0.00	35.94 1.38 0.00	48.04 2.42 0.00	50.97 2.72 -0.52	50.45 2.72 0.00	47.45 2.43 0.00	49.12 2.69 0.00	47.15 2.50 0.00	44.75 2.45 0.00	44.81 2.42 0.00	44.50 2.44 0.00	46.00 2.48 0.00	51.20 2.94 -0.03	62.08 3.26 -7.94	60.84 3.21 -6.75	53.67 2.92 -3.60	47.60 2.48 -4.40	42.92 2.29 -1.16	40.33 2.21 -0.05	39.92 2.12 0.00
ROSETON___2 23588	38.76 1.35 0.00	35.81 1.21 0.00	34.81 1.21 0.00	34.78 1.21 0.00	34.06 1.18 0.00	35.94 1.38 0.00	48.04 2.42 0.00	50.97 2.72 -0.52	50.45 2.72 0.00	47.45 2.43 0.00	49.12 2.69 0.00	47.15 2.50 0.00	44.75 2.45 0.00	44.81 2.42 0.00	44.50 2.44 0.00	46.00 2.48 0.00	51.20 2.94 -0.03	62.08 3.26 -7.94	60.84 3.21 -6.75	53.67 2.92 -3.60	47.60 2.48 -4.40	42.92 2.29 -1.16	40.33 2.21 -0.05	39.92 2.12 0.00
ROTTTRDAM_115KV_TB3 80664	38.50 1.09 0.00	35.57 0.97 0.00	34.57 0.97 0.00	34.55 0.97 0.00	33.83 0.95 0.00	35.66 1.11 0.00	47.40 1.78 0.00	50.31 1.91 -0.66	49.64 1.91 0.00	46.73 1.71 0.00	48.28 1.86 0.00	46.35 1.70 0.00	43.82 1.52 0.00	43.93 1.53 0.00	43.62 1.56 0.00	45.13 1.61 0.00	50.20 1.93 -0.03	63.09 2.09 -10.13	61.58 2.09 -8.61	53.67 1.93 -4.59	47.96 1.63 -5.61	42.45 1.50 -1.48	39.59 1.45 -0.07	38.98 1.17 0.00
RUSSELL___1 23602	34.80 -2.62 0.00	32.24 -2.35 0.00	31.32 -2.28 0.00	31.39 -2.18 0.00	30.77 -2.10 0.00	32.52 -2.04 0.00	42.84 -2.78 0.00	44.50 -3.29 -0.06	44.72 -3.01 0.00	42.14 -2.88 0.00	43.08 -3.34 0.00	41.66 -2.99 0.00	39.50 -2.79 0.00	39.77 -2.63 0.00	39.29 -2.78 0.00	40.60 -2.92 0.01	42.87 -3.52 1.85	48.16 -3.21 -0.48	44.89 -3.31 2.69	42.59 -3.35 1.21	38.07 -2.89 -0.25	36.98 -2.57 -0.08	35.57 -2.51 -0.01	35.12 -2.68 0.00
RUSSELL___2 23532	34.80 -2.62 0.00	32.24 -2.35 0.00	31.32 -2.28 0.00	31.39 -2.18 0.00	30.77 -2.10 0.00	32.52 -2.04 0.00	42.84 -2.78 0.00	44.50 -3.29 -0.06	44.72 -3.01 0.00	42.14 -2.88 0.00	43.08 -3.34 0.00	41.66 -2.99 0.00	39.50 -2.79 0.00	39.77 -2.63 0.00	39.29 -2.78 0.00	40.60 -2.92 0.01	42.87 -3.52 1.85	48.16 -3.21 -0.48	44.89 -3.31 2.69	42.59 -3.35 1.21	38.07 -2.89 -0.25	36.98 -2.57 -0.08	35.57 -2.51 -0.01	35.12 -2.68 0.00
RUSSELL___3 23549	34.80 -2.62 0.00	32.24 -2.35 0.00	31.32 -2.28 0.00	31.39 -2.18 0.00	30.77 -2.10 0.00	32.52 -2.04 0.00	42.84 -2.78 0.00	44.50 -3.29 -0.06	44.72 -3.01 0.00	42.14 -2.88 0.00	43.08 -3.34 0.00	41.66 -2.99 0.00	39.50 -2.79 0.00	39.77 -2.63 0.00	39.29 -2.78 0.00	40.60 -2.92 0.01	42.87 -3.52 1.85	48.16 -3.21 -0.48	44.89 -3.31 2.69	42.59 -3.35 1.21	38.07 -2.89 -0.25	36.98 -2.57 -0.08	35.57 -2.51 -0.01	35.12 -2.68 0.00
RUSSELL___4 23556	34.80 -2.62 0.00	32.24 -2.35 0.00	31.32 -2.28 0.00	31.39 -2.18 0.00	30.77 -2.10 0.00	32.52 -2.04 0.00	42.84 -2.78 0.00	44.50 -3.29 -0.06	44.72 -3.01 0.00	42.14 -2.88 0.00	43.08 -3.34 0.00	41.66 -2.99 0.00	39.50 -2.79 0.00	39.77 -2.63 0.00	39.29 -2.78 0.00	40.60 -2.92 0.01	42.87 -3.52 1.85	48.16 -3.21 -0.48	44.89 -3.31 2.69	42.59 -3.35 1.21	38.07 -2.89 -0.25	36.98 -2.57 -0.08	35.57 -2.51 -0.01	35.12 -2.68 0.00
RUSSELL___STATION 23914	34.80 -2.62 0.00	32.24 -2.35 0.00	31.32 -2.28 0.00	31.39 -2.18 0.00	30.77 -2.10 0.00	32.52 -2.04 0.00	42.84 -2.78 0.00	44.50 -3.29 -0.06	44.72 -3.01 0.00	42.14 -2.88 0.00	43.08 -3.34 0.00	41.66 -2.99 0.00	39.50 -2.79 0.00	39.77 -2.63 0.00	39.29 -2.78 0.00	40.60 -2.92 0.01	42.87 -3.52 1.85	48.16 -3.21 -0.48	44.89 -3.31 2.69	42.59 -3.35 1.21	38.07 -2.89 -0.25	36.98 -2.57 -0.08	35.57 -2.51 -0.01	35.12 -2.68 0.00
S SALMON___HYD 24043	36.22 -1.20 0.00	33.49 -1.11 0.00	32.49 -1.11 0.00	32.50 -1.08 0.00	31.79 -1.08 0.00	33.55 -1.00 0.00	44.44 -1.19 0.00	46.58 -1.19 -0.04	46.54 -1.19 0.00	43.90 -1.12 0.00	45.27 -1.16 0.00	43.58 -1.07 0.00	41.24 -1.06 0.00	41.30 -1.10 0.00	40.93 -1.13 0.00	42.44 -1.09 0.00	47.03 -1.20 0.00	50.37 -1.07 -0.57	50.79 -1.07 -0.98	46.18 -1.23 -0.26	39.89 -1.14 -0.31	38.44 -1.10 -0.08	36.97 -1.11 0.00	36.67 -1.13 0.00
S.PERRY___115KV_TB1 80734	35.06 -2.36 0.00	32.49 -2.11 0.00	31.52 -2.08 0.00	31.56 -2.01 0.00	30.97 -1.91 0.00	32.90 -1.66 0.00	43.44 -2.19 0.00	45.24 -2.58 -0.09	45.39 -2.34 0.00	42.64 -2.39 0.00	43.45 -2.97 0.00	41.93 -2.72 0.00	39.63 -2.66 0.00	39.94 -2.46 0.00	39.50 -2.57 0.00	40.66 -2.83 0.03	43.38 -3.14 1.72	48.15 -2.90 -0.17	45.26 -2.85 2.77	42.87 -3.02 1.26	38.03 -2.73 -0.05	36.91 -2.60 -0.05	35.57 -2.51 -0.01	35.05 -2.76 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	33.15 -4.27 0.00	30.86 -3.74 0.00	30.00 -3.60 0.00	30.18 -3.39 0.00	29.56 -3.32 0.00	31.10 -3.46 0.00	40.52 -5.11 0.00	41.50 -6.30 -0.07	41.71 -6.01 0.00	39.49 -5.54 0.00	40.20 -6.22 0.00	39.11 -5.54 0.00	37.05 -5.24 0.00	37.40 -5.00 0.00	36.93 -5.13 0.00	38.02 -5.48 0.02	40.20 -6.27 1.77	45.01 -6.31 -0.45	42.10 -6.26 2.52	40.08 -5.89 1.17	35.80 -5.13 -0.22	34.69 -4.85 -0.08	33.74 -4.34 -0.01	33.35 -4.46 0.00
SAWYER___23_KV_LOAD 55526	33.15 -4.27 0.00	30.86 -3.74 0.00	30.00 -3.60 0.00	30.18 -3.39 0.00	29.56 -3.32 0.00	31.10 -3.46 0.00	40.52 -5.11 0.00	41.50 -6.30 -0.07	41.71 -6.01 0.00	39.49 -5.54 0.00	40.20 -6.22 0.00	39.11 -5.54 0.00	37.05 -5.24 0.00	37.40 -5.00 0.00	36.93 -5.13 0.00	38.02 -5.48 0.02	40.20 -6.27 1.77	45.01 -6.31 -0.45	42.10 -6.26 2.52	40.08 -5.89 1.17	35.80 -5.13 -0.22	34.69 -4.85 -0.08	33.74 -4.34 -0.01	33.35 -4.46 0.00
SELKIRK___I 23801	38.88 1.46 0.00	35.91 1.31 0.00	34.91 1.31 0.00	34.88 1.31 0.00	34.13 1.25 0.00	35.97 1.42 0.00	47.68 2.06 0.00	50.46 2.10 -0.63	49.88 2.15 0.00	46.91 1.89 0.00	48.28 1.86 0.00	46.39 1.74 0.00	43.86 1.57 0.00	43.97 1.57 0.00	43.66 1.60 0.00	45.18 1.65 0.00	50.20 1.93 -0.03	62.42 1.98 -9.56	61.09 2.09 -8.13	53.41 1.93 -4.33	47.72 1.71 -5.29	42.68 1.82 -1.40	39.89 1.75 -0.07	39.55 1.74 0.00
SELKIRK___II 23799	38.62 1.20 0.00	35.67 1.07 0.00	34.64 1.04 0.00	34.65 1.07 0.00	33.90 1.02 0.00	35.73 1.18 0.00	47.45 1.83 0.00	50.28 1.91 -0.63	49.64 1.91 0.00	46.73 1.71 0.00	48.09 1.67 0.00	46.21 1.56 0.00	43.73 1.44 0.00	43.84 1.44 0.00	43.53 1.47 0.00	45.05 1.52 0.00	50.05 1.79 -0.03	62.37 1.83 -9.66	60.98 1.88 -8.22	53.27 1.75 -4.38	47.62 1.55 -5.35	42.54 1.66 -1.41	39.74 1.60 -0.07	39.36 1.55 0.00
SENECA OSWGO___HYD 24041	36.15 -1.27 0.00	33.39 -1.21 0.00	32.46 -1.14 0.00	32.43 -1.14 0.00	31.76 -1.12 0.00	33.55 -1.00 0.00	44.40 -1.23 0.00	46.49 -1.29 -0.04	46.39 -1.34 0.00	43.76 -1.26 0.00	45.13 -1.30 0.00	43.40 -1.25 0.00	41.07 -1.23 0.00	41.17 -1.23 0.00	40.84 -1.22 0.00	42.31 -1.22 0.00	46.89 -1.35 0.00	50.19 -1.32 -0.63	50.76 -1.27 -1.15	46.16 -1.27 -0.29	39.92 -1.14 -0.35	38.45 -1.10 -0.09	36.93 -1.14 0.00	36.64 -1.17 0.00

SENECA___115KV_TB3 355854	33.79 -3.63 0.00	31.41 -3.18 0.00	30.58 -3.02 0.00	30.72 -2.85 0.00	30.08 -2.79 0.00	31.69 -2.87 0.00	41.29 -4.33 0.00	42.41 -5.39 -0.07	42.57 -5.15 0.00	40.30 -4.73 0.00	41.04 -5.39 0.00	39.92 -4.73 0.00	37.77 -4.53 0.00	38.16 -4.24 0.00	37.64 -4.42 0.00	38.76 -4.74 0.02	41.21 -5.26 1.77	45.87 -5.44 -0.44	43.05 -5.29 2.54	41.07 -4.90 1.18	36.53 -4.40 -0.21	35.25 -4.30 -0.08	34.35 -3.73 -0.01	33.91 -3.89 0.00
SENECA___ENERGY 23797	36.26 -1.16 0.00	33.52 -1.07 0.00	32.59 -1.01 0.00	32.60 -0.97 0.00	31.96 -0.92 0.00	33.86 -0.69 0.00	44.81 -0.82 0.00	46.79 -1.00 -0.07	46.72 -1.00 0.00	44.08 -0.95 0.00	45.36 -1.07 0.00	43.63 -1.03 0.00	41.20 -1.10 0.00	41.43 -0.97 0.00	41.01 -1.05 0.00	42.43 -1.09 0.00	49.80 -1.20 -2.76	50.69 -1.02 -0.82	57.71 -0.91 -7.74	48.55 -1.08 -2.49	40.19 -0.98 -0.45	38.64 -0.95 -0.12	37.05 -1.03 -0.01	36.75 -1.06 0.00
SHOEMAKER___GT 23640	38.50 1.09 0.00	35.56 0.97 0.00	34.57 0.98 0.00	34.55 0.97 0.00	33.83 0.95 0.00	35.66 1.11 0.00	47.63 2.01 0.00	50.50 2.29 -0.47	49.97 2.24 0.00	46.96 1.93 0.00	48.56 2.14 0.00	46.66 2.01 0.00	44.24 1.95 0.00	44.31 1.91 0.00	44.00 1.94 0.00	45.48 1.96 0.00	50.62 2.36 -0.02	60.80 2.69 -7.22	59.62 2.59 -6.14	52.78 2.36 -3.27	46.75 2.03 -4.00	42.38 1.86 -1.06	39.91 1.79 -0.05	39.51 1.70 0.00
SHOEMAKR_138KV_BK 111 55601	38.50 1.09 0.00	35.57 0.97 0.00	34.57 0.97 0.00	34.55 0.97 0.00	33.83 0.95 0.00	35.66 1.11 0.00	47.63 2.01 0.00	50.49 2.29 -0.47	49.97 2.24 0.00	47.05 2.03 0.00	48.56 2.14 0.00	46.70 2.05 0.00	44.28 1.99 0.00	44.35 1.95 0.00	44.04 1.98 0.00	45.53 2.00 0.00	50.72 2.46 -0.02	60.80 2.75 -7.18	59.63 2.65 -6.10	52.80 2.40 -3.25	46.73 2.04 -3.98	42.37 1.85 -1.05	39.95 1.83 -0.05	39.24 1.44 0.00
SHOREHAM_IC_1 23715	40.84 2.84 -0.58	39.77 2.73 -2.44	38.52 2.59 -2.34	36.69 2.78 -0.33	38.16 2.63 -2.66	45.91 2.83 -8.52	60.98 4.56 -10.79	70.13 4.63 -17.77	64.79 4.77 -12.29	60.92 4.46 -11.44	64.23 5.43 -12.38	63.05 5.13 -13.27	62.76 4.99 -15.47	64.17 5.00 -16.77	65.15 5.05 -18.05	68.02 5.18 -19.32	63.33 4.78 -10.32	78.31 5.45 -21.99	78.35 5.45 -22.03	66.79 4.95 -14.70	71.95 4.68 -26.56	70.65 4.77 -26.41	59.24 4.15 -17.02	51.84 4.05 -9.98
SHOREHAM_IC_2 23716	40.84 2.84 -0.58	39.77 2.73 -2.44	38.52 2.59 -2.34	36.69 2.78 -0.33	38.16 2.63 -2.66	45.91 2.83 -8.52	60.98 4.56 -10.79	70.13 4.63 -17.77	64.79 4.77 -12.29	60.92 4.46 -11.44	64.23 5.43 -12.38	63.05 5.13 -13.27	62.76 4.99 -15.47	64.17 5.00 -16.77	65.15 5.05 -18.05	68.02 5.18 -19.32	63.33 4.78 -10.32	78.31 5.45 -21.99	78.35 5.45 -22.03	66.79 4.95 -14.70	71.95 4.68 -26.56	70.65 4.77 -26.41	59.24 4.15 -17.02	51.84 4.05 -9.98
SISSONVILLE____ 23735	37.98 0.56 0.00	35.12 0.52 0.00	34.04 0.44 0.00	33.94 0.37 0.00	33.11 0.23 0.00	34.24 -0.31 0.00	44.67 -0.96 0.00	46.82 -0.91 0.00	46.82 -0.91 0.00	44.71 -0.32 0.00	46.01 -0.42 0.00	44.20 -0.45 0.00	41.87 -0.42 0.00	41.93 -0.47 0.00	41.60 -0.46 0.00	43.09 -0.44 0.00	47.66 -0.58 0.00	49.91 -0.97 0.00	49.91 -0.97 0.00	46.11 -1.04 0.00	39.82 -0.90 0.00	38.87 -0.59 0.00	37.69 -0.38 0.00	37.96 0.15 0.00
SITHE_IND_GS1 24169	35.70 -1.72 0.00	33.01 -1.59 0.00	32.05 -1.55 0.00	32.06 -1.51 0.00	31.40 -1.48 0.00	33.10 -1.45 0.00	43.80 -1.83 0.00	45.81 -1.96 -0.03	45.77 -1.96 0.00	43.18 -1.85 0.00	44.48 -1.95 0.00	42.82 -1.83 0.00	40.52 -1.77 0.00	40.66 -1.74 0.00	40.30 -1.76 0.00	41.74 -1.79 0.00	46.21 -2.02 0.00	49.33 -2.04 -0.49	49.26 -2.04 -0.42	45.39 -1.98 -0.22	39.28 -1.71 -0.27	37.92 -1.62 -0.07	36.48 -1.60 0.00	36.18 -1.62 0.00
SITHE_IND_GS2 24170	35.70 -1.72 0.00	33.01 -1.59 0.00	32.05 -1.55 0.00	32.06 -1.51 0.00	31.40 -1.48 0.00	33.10 -1.45 0.00	43.80 -1.83 0.00	45.81 -1.96 -0.03	45.77 -1.96 0.00	43.18 -1.85 0.00	44.48 -1.95 0.00	42.82 -1.83 0.00	40.52 -1.77 0.00	40.66 -1.74 0.00	40.30 -1.76 0.00	41.74 -1.79 0.00	46.21 -2.02 0.00	49.33 -2.04 -0.49	49.26 -2.04 -0.42	45.39 -1.98 -0.22	39.28 -1.71 -0.27	37.92 -1.62 -0.07	36.48 -1.60 0.00	36.18 -1.62 0.00
SITHE_IND_GS3 24171	35.70 -1.72 0.00	33.01 -1.59 0.00	32.05 -1.55 0.00	32.06 -1.51 0.00	31.40 -1.48 0.00	33.10 -1.45 0.00	43.80 -1.83 0.00	45.81 -1.96 -0.03	45.77 -1.96 0.00	43.18 -1.85 0.00	44.48 -1.95 0.00	42.82 -1.83 0.00	40.52 -1.77 0.00	40.66 -1.74 0.00	40.30 -1.76 0.00	41.74 -1.79 0.00	46.21 -2.02 0.00	49.33 -2.04 -0.49	49.26 -2.04 -0.42	45.39 -1.98 -0.22	39.28 -1.71 -0.27	37.92 -1.62 -0.07	36.48 -1.60 0.00	36.18 -1.62 0.00
SITHE_IND_GS4 24172	35.70 -1.72 0.00	33.01 -1.59 0.00	32.05 -1.55 0.00	32.06 -1.51 0.00	31.40 -1.48 0.00	33.10 -1.45 0.00	43.80 -1.83 0.00	45.81 -1.96 -0.03	45.77 -1.96 0.00	43.18 -1.85 0.00	44.48 -1.95 0.00	42.82 -1.83 0.00	40.52 -1.77 0.00	40.66 -1.74 0.00	40.30 -1.76 0.00	41.74 -1.79 0.00	46.21 -2.02 0.00	49.33 -2.04 -0.49	49.26 -2.04 -0.42	45.39 -1.98 -0.22	39.28 -1.71 -0.27	37.92 -1.62 -0.07	36.48 -1.60 0.00	36.18 -1.62 0.00
SITHE___BATAVIA 24024	34.16 -3.26 0.00	31.73 -2.87 0.00	30.85 -2.75 0.00	30.92 -2.65 0.00	30.31 -2.56 0.00	32.10 -2.45 0.00	42.16 -3.47 0.00	43.36 -4.44 -0.06	43.39 -4.34 0.00	41.20 -3.83 0.00	42.06 -4.37 0.00	40.77 -3.88 0.00	38.40 -3.89 0.00	38.88 -3.52 0.00	38.32 -3.74 0.00	39.63 -3.87 0.02	41.84 -4.58 1.82	46.92 -4.43 -0.47	44.04 -4.22 2.62	41.61 -4.34 1.20	37.33 -3.62 -0.23	36.00 -3.55 -0.08	34.73 -3.35 -0.01	34.41 -3.40 0.00
SITHE___INDEPEND 23800	35.70 -1.72 0.00	33.01 -1.59 0.00	32.05 -1.55 0.00	32.06 -1.51 0.00	31.40 -1.48 0.00	33.10 -1.45 0.00	43.75 -1.87 0.00	45.81 -1.96 -0.03	45.77 -1.96 0.00	43.18 -1.85 0.00	44.48 -1.95 0.00	42.78 -1.88 0.00	40.52 -1.78 0.00	40.66 -1.74 0.00	40.29 -1.77 0.00	41.70 -1.83 0.00	46.21 -2.03 0.00	49.33 -2.04 -0.49	49.26 -2.04 -0.42	45.39 -1.98 -0.22	39.28 -1.71 -0.27	37.88 -1.66 -0.07	36.48 -1.60 0.00	36.11 -1.70 0.00
SITHE___MASSENA 23902	38.17 0.75 0.00	35.29 0.69 0.00	34.21 0.61 0.00	34.14 0.57 0.00	33.37 0.49 0.00	34.76 0.21 0.00	45.44 -0.18 0.00	47.59 -0.14 0.00	47.59 -0.14 0.00	45.11 0.09 0.00	46.47 0.05 0.00	44.70 0.04 0.00	42.38 0.08 0.00	42.44 0.04 0.00	42.10 0.04 0.00	43.57 0.04 0.00	48.14 -0.10 0.00	50.68 -0.20 0.00	50.63 -0.25 0.00	46.96 -0.19 0.00	40.51 -0.20 0.00	39.39 -0.08 0.00	38.07 0.00 0.00	37.92 0.11 0.00
SITHE___OGDNSBRG 24021	38.58 1.16 0.00	35.67 1.07 0.00	34.57 0.97 0.00	34.48 0.91 0.00	33.70 0.82 0.00	35.00 0.45 0.00	45.81 0.18 0.00	48.07 0.33 0.00	48.11 0.38 0.00	45.70 0.68 0.00	47.08 0.65 0.00	45.19 0.54 0.00	42.80 0.51 0.00	42.95 0.55 0.00	42.57 0.50 0.00	44.09 0.57 0.00	48.67 0.43 0.00	51.13 0.25 0.00	51.13 0.25 0.00	47.33 0.19 0.00	40.88 0.16 0.00	39.74 0.28 0.00	38.41 0.34 0.00	38.60 0.79 0.00

SITHE___STERLING 23777	38.13 0.71 0.00	35.25 0.66 0.00	34.24 0.64 0.00	34.21 0.64 0.00	33.54 0.66 0.00	35.49 0.93 0.00	47.22 1.60 0.00	49.53 1.77 -0.03	49.44 1.72 0.00	46.64 1.62 0.00	47.95 1.53 0.00	46.08 1.43 0.00	43.69 1.39 0.00	43.80 1.40 0.00	43.49 1.43 0.00	45.05 1.52 0.00	49.88 1.64 0.00	53.19 1.83 -0.48	53.12 1.83 -0.41	48.87 1.51 -0.22	42.20 1.22 -0.27	40.64 1.10 -0.07	39.03 0.95 0.00	38.64 0.83 0.00
SLEIGHT__34_KV_TB1 80719	35.36 -2.06 0.00	32.76 -1.83 0.00	31.79 -1.81 0.00	31.83 -1.75 0.00	31.20 -1.68 0.00	33.03 -1.52 0.00	43.66 -1.96 0.00	45.60 -2.20 -0.06	45.68 -2.05 0.00	43.09 -1.94 0.00	44.15 -2.27 0.00	42.60 -2.05 0.00	40.31 -1.99 0.00	40.53 -1.87 0.00	40.08 -1.98 0.00	41.47 -2.05 0.01	44.16 -2.41 1.66	49.36 -2.19 -0.67	46.48 -2.24 2.16	43.81 -2.36 0.98	39.00 -2.08 -0.36	37.71 -1.85 -0.10	36.17 -1.90 -0.01	35.73 -2.08 0.00
SOUTH CAIRO___GT 23612	40.08 2.66 0.00	36.95 2.35 0.00	35.89 2.29 0.00	35.86 2.28 0.00	34.98 2.11 0.00	36.91 2.35 0.00	48.91 3.29 0.00	51.63 3.29 -0.60	51.07 3.34 0.00	47.91 2.88 0.00	48.98 2.55 0.00	46.97 2.32 0.00	44.15 1.86 0.00	44.31 1.91 0.00	44.04 1.98 0.00	45.66 2.13 0.00	50.92 2.65 -0.03	62.73 2.64 -9.21	61.50 2.80 -7.83	53.91 2.59 -4.17	48.26 2.44 -5.10	43.06 2.25 -1.35	40.42 2.28 -0.06	40.34 2.53 0.00
SOUTH HAMPTN___IC 23720	41.48 3.48 -0.58	40.33 3.29 -2.44	39.10 3.16 -2.34	37.23 3.32 -0.33	38.72 3.19 -2.66	46.53 3.46 -8.52	61.89 5.47 -10.79	71.22 5.73 -17.77	65.79 5.77 -12.29	61.87 5.40 -11.44	65.07 6.26 -12.38	63.86 5.94 -13.27	63.52 5.75 -15.47	64.93 5.77 -16.77	65.91 5.81 -18.05	68.81 5.96 -19.32	64.39 5.83 -10.32	79.53 6.66 -21.99	79.62 6.72 -22.03	67.93 6.08 -14.70	72.81 5.54 -26.56	71.40 5.52 -26.41	59.92 4.84 -17.02	52.48 4.69 -9.98
SOUTHDOW_115KV_TB1 355954	35.25 -2.17 0.00	32.73 -1.87 0.00	31.82 -1.78 0.00	31.89 -1.68 0.00	31.27 -1.61 0.00	32.93 -1.62 0.00	42.98 -2.65 0.00	44.28 -3.53 -0.08	44.44 -3.29 0.00	42.01 -3.02 0.00	42.62 -3.81 0.00	41.48 -3.17 0.00	39.21 -3.09 0.00	39.56 -2.84 0.00	39.08 -2.99 0.00	40.28 -3.22 0.02	43.12 -3.33 1.78	47.73 -3.56 -0.41	45.06 -3.36 2.46	42.84 -3.11 1.20	37.98 -2.93 -0.19	36.35 -3.20 -0.08	35.49 -2.59 -0.01	35.09 -2.72 0.00
SOUTHOLD_69_KV_BK 2 55809	41.93 3.93 -0.58	40.74 3.70 -2.44	39.57 3.63 -2.34	37.63 3.73 -0.33	39.12 3.58 -2.66	46.95 3.87 -8.52	62.58 6.16 -10.79	71.94 6.44 -17.77	66.46 6.44 -12.29	62.54 6.08 -11.44	65.67 6.87 -12.38	64.48 6.56 -13.27	64.03 6.26 -15.47	65.48 6.32 -16.77	66.46 6.35 -18.05	69.33 6.49 -19.32	65.22 6.66 -10.32	80.35 7.48 -21.99	80.54 7.63 -22.03	68.73 6.88 -14.70	73.46 6.19 -26.56	71.95 6.08 -26.41	60.49 5.41 -17.02	52.63 4.84 -9.98
SOUTHOLD___IC 23719	41.93 3.93 -0.58	40.74 3.70 -2.44	39.53 3.60 -2.34	37.63 3.73 -0.33	39.12 3.58 -2.66	46.98 3.90 -8.52	62.58 6.16 -10.79	71.94 6.44 -17.77	66.50 6.49 -12.29	62.50 6.04 -11.44	65.67 6.87 -12.38	64.44 6.52 -13.27	64.07 6.30 -15.47	65.49 6.32 -16.77	66.46 6.35 -18.05	69.37 6.53 -19.32	65.12 6.56 -10.32	80.35 7.48 -21.99	80.49 7.58 -22.03	68.73 6.88 -14.70	73.46 6.19 -26.56	71.95 6.08 -26.41	60.42 5.33 -17.02	52.97 5.18 -9.98
SOUTH_FORK_WT_PWR 323839	42.04 4.04 -0.58	40.85 3.81 -2.44	39.60 3.66 -2.34	37.70 3.79 -0.33	39.21 3.68 -2.66	47.05 3.97 -8.52	62.72 6.30 -10.79	72.13 6.63 -17.77	66.60 6.59 -12.29	62.63 6.17 -11.44	65.81 7.01 -12.38	64.57 6.65 -13.27	64.19 6.43 -15.47	65.61 6.44 -16.77	66.58 6.47 -18.05	69.51 6.66 -19.32	65.26 6.70 -10.32	80.45 7.58 -21.99	80.64 7.73 -22.03	68.87 7.03 -14.70	73.58 6.31 -26.56	72.07 6.20 -26.41	60.53 5.44 -17.02	53.09 5.29 -9.98
SPIERFLS_115KV_TB 1 80737	38.65 1.23 0.00	35.67 1.07 0.00	34.74 1.14 0.00	34.75 1.18 0.00	34.00 1.12 0.00	35.90 1.35 0.00	47.86 2.24 0.00	50.82 2.43 -0.66	50.31 2.58 0.00	47.28 2.25 0.00	48.75 2.32 0.00	46.44 1.79 0.00	43.69 1.40 0.00	43.59 1.19 0.00	43.32 1.26 0.00	44.83 1.31 0.00	50.00 1.74 -0.03	62.80 1.88 -10.03	61.35 1.93 -8.53	53.49 1.79 -4.55	47.74 1.47 -5.56	42.16 1.22 -1.47	39.32 1.18 -0.07	38.53 0.72 0.00
ST LAWRENCE____ 23600	37.76 0.34 0.00	34.91 0.31 0.00	33.87 0.27 0.00	33.81 0.24 0.00	33.08 0.20 0.00	34.49 -0.07 0.00	45.08 -0.55 0.00	47.16 -0.57 0.00	47.20 -0.52 0.00	44.66 -0.36 0.00	46.01 -0.42 0.00	44.29 -0.36 0.00	41.96 -0.34 0.00	42.06 -0.34 0.00	41.68 -0.38 0.00	43.17 -0.35 0.00	47.71 -0.53 0.00	50.22 -0.66 0.00	50.17 -0.71 0.00	46.58 -0.56 0.00	40.23 -0.49 0.00	39.07 -0.39 0.00	37.73 -0.34 0.00	37.58 -0.23 0.00
STATE_CA_115KV_115_LB 55624	38.92 1.50 0.00	35.95 1.35 0.00	34.91 1.31 0.00	34.88 1.31 0.00	34.16 1.28 0.00	36.01 1.45 0.00	47.86 2.24 0.00	50.71 2.34 -0.64	50.12 2.39 0.00	47.23 2.21 0.00	48.42 2.00 0.00	46.53 1.88 0.00	43.99 1.69 0.00	44.10 1.70 0.00	43.79 1.72 0.00	45.31 1.78 0.00	50.39 2.12 -0.03	62.77 2.09 -9.80	61.40 2.19 -8.34	53.66 2.07 -4.44	47.94 1.79 -5.43	42.91 2.01 -1.44	40.12 1.98 -0.07	39.43 1.63 0.00
STATE_ST_34_KV_LOAD 55959	36.78 -0.64 0.00	34.04 -0.55 0.00	33.06 -0.54 0.00	33.03 -0.54 0.00	32.38 -0.49 0.00	34.28 -0.28 0.00	45.44 -0.18 0.00	47.61 -0.19 -0.07	47.63 -0.10 0.00	44.93 -0.09 0.00	46.19 -0.23 0.00	44.43 -0.22 0.00	42.04 -0.25 0.00	42.19 -0.21 0.00	41.81 -0.25 0.00	43.22 -0.30 -0.01	49.39 -0.29 -1.45	52.01 -0.10 -1.23	55.85 -0.10 -5.07	48.58 -0.24 -1.67	41.08 -0.33 -0.69	39.32 -0.32 -0.18	37.66 -0.42 -0.01	37.17 -0.64 0.00
STATION 5_MISC_HYD 23604	34.65 -2.77 0.00	32.14 -2.46 0.00	31.22 -2.38 0.00	31.29 -2.28 0.00	30.64 -2.24 0.00	32.41 -2.14 0.00	42.75 -2.87 0.00	44.26 -3.53 -0.06	44.29 -3.44 0.00	41.96 -3.06 0.00	42.99 -3.43 0.00	41.52 -3.13 0.00	39.25 -3.05 0.00	39.56 -2.84 0.00	39.08 -2.99 0.00	40.42 -3.09 0.01	42.67 -3.71 1.85	47.85 -3.51 -0.48	44.68 -3.51 2.69	42.35 -3.59 1.21	38.07 -2.89 -0.25	36.82 -2.72 -0.08	35.49 -2.59 -0.01	35.05 -2.76 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	35.74 -1.68 0.00	33.08 -1.52 0.00	32.12 -1.48 0.00	32.13 -1.44 0.00	31.50 -1.38 0.00	33.38 -1.17 0.00	44.12 -1.51 0.00	45.98 -1.81 -0.06	46.15 -1.58 0.00	43.45 -1.58 0.00	44.52 -1.90 0.00	42.91 -1.74 0.00	40.65 -1.65 0.00	40.87 -1.53 0.00	40.42 -1.64 0.00	41.77 -1.74 0.01	42.98 -2.03 3.23	49.59 -1.78 -0.49	43.30 -1.83 5.75	42.95 -1.93 2.26	39.22 -1.75 -0.26	38.01 -1.54 -0.08	36.52 -1.56 -0.01	36.03 -1.78 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	34.65 -2.77 0.00	32.11 -2.49 0.00	31.15 -2.45 0.00	31.22 -2.35 0.00	30.61 -2.27 0.00	32.34 -2.21 0.00	42.61 -3.01 0.00	44.31 -3.48 -0.06	44.53 -3.20 0.00	41.96 -3.06 0.00	42.94 -3.48 0.00	41.48 -3.17 0.00	39.33 -2.96 0.00	39.60 -2.80 0.00	39.12 -2.94 0.00	40.38 -3.13 0.01	42.45 -3.71 2.07	47.90 -3.46 -0.49	44.14 -3.56 3.18	42.23 -3.54 1.38	37.91 -3.05 -0.25	36.78 -2.76 -0.08	35.37 -2.70 -0.01	34.97 -2.84 0.00

STA_56___34_KV_BUS2 355983	34.65 -2.77 0.00	32.11 -2.49 0.00	31.15 -2.45 0.00	31.22 -2.35 0.00	30.61 -2.27 0.00	32.34 -2.21 0.00	42.61 -3.01 0.00	44.31 -3.48 -0.06	44.53 -3.20 0.00	41.96 -3.06 0.00	42.94 -3.48 0.00	41.48 -3.17 0.00	39.33 -2.96 0.00	39.60 -2.80 0.00	39.12 -2.94 0.00	40.38 -3.13 0.01	42.45 -3.71 2.07	47.90 -3.46 -0.49	44.14 -3.56 3.18	42.23 -3.54 1.38	37.91 -3.05 -0.25	36.78 -2.76 -0.08	35.37 -2.70 -0.01	34.97 -2.84 0.00
STA_67___115KV_BK2 355882	34.61 -2.81 0.00	32.07 -2.53 0.00	31.15 -2.45 0.00	31.22 -2.35 0.00	30.58 -2.30 0.00	32.31 -2.25 0.00	42.52 -3.10 0.00	44.17 -3.63 -0.06	44.34 -3.39 0.00	41.83 -3.20 0.00	42.76 -3.67 0.00	41.35 -3.30 0.00	39.17 -3.13 0.00	39.47 -2.93 0.00	38.99 -3.07 0.00	40.25 -3.26 0.01	42.53 -3.86 1.84	47.75 -3.61 -0.48	44.49 -3.71 2.68	42.26 -3.68 1.21	37.79 -3.18 -0.25	36.70 -2.84 -0.08	35.34 -2.74 -0.01	34.93 -2.87 0.00
STA_7___115KV_9TRANS 80674	34.80 -2.62 0.00	32.24 -2.35 0.00	31.32 -2.28 0.00	31.39 -2.18 0.00	30.77 -2.10 0.00	32.52 -2.04 0.00	42.84 -2.78 0.00	44.50 -3.29 -0.06	44.72 -3.01 0.00	42.14 -2.88 0.00	43.08 -3.34 0.00	41.66 -2.99 0.00	39.50 -2.79 0.00	39.77 -2.63 0.00	39.29 -2.78 0.00	40.60 -2.92 0.01	42.87 -3.52 1.85	48.16 -3.21 -0.48	44.89 -3.31 2.69	42.59 -3.35 1.21	38.07 -2.89 -0.25	36.98 -2.57 -0.08	35.57 -2.51 -0.01	35.12 -2.68 0.00
STA_82___115KV_TB1 80780	34.61 -2.81 0.00	32.07 -2.53 0.00	31.15 -2.45 0.00	31.22 -2.35 0.00	30.61 -2.27 0.00	32.34 -2.21 0.00	42.57 -3.06 0.00	44.17 -3.63 -0.06	44.39 -3.34 0.00	41.83 -3.20 0.00	42.80 -3.62 0.00	41.39 -3.26 0.00	39.21 -3.09 0.00	39.47 -2.93 0.00	38.99 -3.07 0.00	40.29 -3.22 0.01	42.51 -3.86 1.87	47.75 -3.61 -0.48	44.49 -3.66 2.73	42.24 -3.68 1.22	37.83 -3.14 -0.25	36.74 -2.80 -0.08	35.37 -2.70 -0.01	34.93 -2.87 0.00
STEEL___WIND 323596	33.75 -3.67 0.00	31.38 -3.22 0.00	30.58 -3.02 0.00	30.68 -2.89 0.00	30.08 -2.79 0.00	31.69 -2.87 0.00	41.43 -4.20 0.00	42.36 -5.44 -0.07	42.29 -5.44 0.00	40.30 -4.73 0.00	41.23 -5.20 0.00	40.01 -4.64 0.00	37.69 -4.61 0.00	38.12 -4.28 0.00	37.60 -4.46 0.00	38.85 -4.66 0.02	41.21 -5.26 1.77	45.82 -5.50 -0.44	43.10 -5.24 2.54	41.02 -4.95 1.18	36.61 -4.32 -0.21	35.17 -4.38 -0.08	33.97 -4.11 -0.01	33.99 -3.82 0.00
STEPHTWN_115KV_BK_2 55603	39.33 1.91 0.00	36.29 1.70 0.00	35.25 1.65 0.00	35.22 1.65 0.00	34.49 1.61 0.00	36.39 1.83 0.00	48.36 2.74 0.00	51.28 2.91 -0.64	50.69 2.96 0.00	47.77 2.75 0.00	48.98 2.55 0.00	47.06 2.41 0.00	44.41 2.11 0.00	44.52 2.12 0.00	44.21 2.15 0.00	45.74 2.22 0.00	50.92 2.65 -0.03	63.28 2.70 -9.70	61.93 2.80 -8.25	54.18 2.64 -4.40	48.33 2.24 -5.38	43.29 2.41 -1.42	40.50 2.36 -0.07	39.81 2.00 0.00
STEBUBEN_REC_LFGE 323667	36.37 -1.05 0.00	33.73 -0.86 0.00	32.83 -0.77 0.00	32.87 -0.71 0.00	32.25 -0.62 0.00	34.14 -0.41 0.00	44.94 -0.68 0.00	46.65 -1.19 -0.11	46.63 -1.10 0.00	43.99 -1.04 0.00	44.89 -1.53 0.00	43.40 -1.25 0.00	40.94 -1.35 0.00	41.21 -1.19 0.00	40.76 -1.30 0.00	42.02 -1.44 0.07	44.06 -1.40 2.77	48.65 -1.37 0.86	44.04 -1.22 5.61	43.26 -1.32 2.56	38.71 -1.43 0.58	37.90 -1.50 0.07	36.75 -1.33 -0.01	36.30 -1.51 0.00
STILLWATER___SOLAR 323814	39.10 1.69 0.00	36.12 1.52 0.00	35.11 1.51 0.00	35.08 1.51 0.00	34.36 1.48 0.00	36.25 1.69 0.00	48.22 2.60 0.00	51.15 2.77 -0.66	50.54 2.82 0.00	47.50 2.47 0.00	49.07 2.64 0.00	47.02 2.36 0.00	44.37 2.07 0.00	44.43 2.04 0.00	44.12 2.06 0.00	45.66 2.13 0.00	50.87 2.60 -0.03	63.66 2.80 -9.99	62.22 2.85 -8.49	54.31 2.64 -4.53	48.49 2.24 -5.53	42.98 2.05 -1.46	40.12 1.98 -0.07	39.59 1.78 0.00
STONY___BROOK 24151	40.81 2.81 -0.58	39.64 2.60 -2.44	38.46 2.52 -2.34	36.49 2.59 -0.33	38.07 2.53 -2.66	45.88 2.80 -8.52	60.98 4.56 -10.79	70.51 5.01 -17.77	65.02 5.01 -12.29	61.06 4.59 -11.44	63.91 5.11 -12.38	62.74 4.82 -13.27	62.50 4.74 -15.47	63.87 4.71 -16.77	64.82 4.71 -18.05	67.68 4.83 -19.32	63.82 5.26 -10.32	78.77 5.90 -21.99	78.75 5.85 -22.03	67.17 5.33 -14.70	71.91 4.64 -26.56	70.30 4.42 -26.41	59.20 4.11 -17.02	51.76 3.97 -9.98
STURGEON_POOL_HYD 23609	38.69 1.27 0.00	35.74 1.14 0.00	34.74 1.14 0.00	34.71 1.14 0.00	34.00 1.12 0.00	35.80 1.24 0.00	47.95 2.33 0.00	50.94 2.67 -0.53	50.31 2.58 0.00	47.37 2.34 0.00	49.07 2.65 0.00	47.15 2.50 0.00	44.71 2.41 0.00	44.82 2.42 0.00	44.46 2.40 0.00	46.00 2.48 0.00	51.25 2.99 -0.03	62.22 3.21 -8.14	60.80 3.00 -6.92	53.57 2.73 -3.69	47.54 2.32 -4.51	42.67 2.01 -1.19	40.30 2.17 -0.06	39.58 1.78 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	38.62 1.20 0.00	35.70 1.11 0.00	34.68 1.08 0.00	34.68 1.11 0.00	33.93 1.05 0.00	35.80 1.24 0.00	47.91 2.28 0.00	50.79 2.58 -0.48	50.21 2.48 0.00	47.32 2.30 0.00	48.84 2.41 0.00	46.97 2.32 0.00	44.54 2.24 0.00	44.60 2.20 0.00	44.29 2.23 0.00	45.83 2.31 0.00	51.01 2.75 -0.02	61.31 3.05 -7.38	60.11 2.95 -6.28	53.18 2.69 -3.35	47.13 2.32 -4.09	42.64 2.09 -1.08	40.18 2.06 -0.05	39.43 1.63 0.00
SWANROAD_115KV_TB1 355699	32.37 -5.05 0.00	30.13 -4.46 0.00	29.30 -4.30 0.00	29.48 -4.10 0.00	28.90 -3.98 0.00	30.37 -4.18 0.00	39.42 -6.21 0.00	40.35 -7.45 -0.07	40.52 -7.21 0.00	38.36 -6.66 0.00	39.04 -7.38 0.00	38.00 -6.65 0.00	35.99 -6.30 0.00	36.38 -6.02 0.00	35.88 -6.18 0.00	36.93 -6.57 0.02	38.94 -7.52 1.78	43.81 -7.53 -0.46	41.13 -7.22 2.52	38.86 -7.12 1.17	34.79 -6.15 -0.23	33.83 -5.72 -0.08	32.86 -5.22 -0.01	32.51 -5.29 0.00
SYNERGY___BIOGAS 323694	34.16 -3.26 0.00	31.73 -2.87 0.00	30.85 -2.75 0.00	30.92 -2.65 0.00	30.31 -2.56 0.00	32.10 -2.45 0.00	42.16 -3.47 0.00	43.36 -4.44 -0.06	43.39 -4.34 0.00	41.20 -3.83 0.00	42.06 -4.37 0.00	40.77 -3.88 0.00	38.40 -3.89 0.00	38.88 -3.52 0.00	38.32 -3.74 0.00	39.63 -3.87 0.02	41.84 -4.58 1.82	46.92 -4.43 -0.47	44.04 -4.22 2.62	41.61 -4.34 1.20	37.33 -3.62 -0.23	36.00 -3.55 -0.08	34.73 -3.35 -0.01	34.41 -3.40 0.00
SYRACUSE___ENERGY_ST1 323597	36.67 -0.75 0.00	33.91 -0.69 0.00	32.93 -0.67 0.00	32.93 -0.64 0.00	32.25 -0.62 0.00	34.07 -0.48 0.00	45.12 -0.50 0.00	47.21 -0.57 -0.05	47.20 -0.53 0.00	44.48 -0.54 0.00	45.82 -0.60 0.00	44.07 -0.58 0.00	41.70 -0.59 0.00	41.85 -0.55 0.00	41.51 -0.55 0.00	42.96 -0.57 0.00	47.95 -0.63 -0.34	51.17 -0.51 -0.80	52.51 -0.51 -2.14	47.21 -0.57 -0.63	40.63 -0.53 -0.45	39.07 -0.51 -0.12	37.51 -0.57 -0.01	37.09 -0.72 0.00
SYRACUSE___ENERGY_ST2 323598	36.67 -0.75 0.00	33.91 -0.69 0.00	32.93 -0.67 0.00	32.93 -0.64 0.00	32.25 -0.62 0.00	34.07 -0.48 0.00	45.12 -0.50 0.00	47.21 -0.57 -0.05	47.20 -0.53 0.00	44.48 -0.54 0.00	45.82 -0.60 0.00	44.07 -0.58 0.00	41.70 -0.59 0.00	41.85 -0.55 0.00	41.51 -0.55 0.00	42.96 -0.57 0.00	47.95 -0.63 -0.34	51.17 -0.51 -0.80	52.51 -0.51 -2.14	47.21 -0.57 -0.63	40.63 -0.53 -0.45	39.07 -0.51 -0.12	37.51 -0.57 -0.01	37.09 -0.72 0.00

SYRACUSE___POWER 24017	36.60 -0.82 0.00	33.84 -0.76 0.00	32.86 -0.74 0.00	32.83 -0.74 0.00	32.19 -0.69 0.00	34.00 -0.55 0.00	45.08 -0.55 0.00	47.21 -0.57 -0.06	47.16 -0.57 0.00	44.48 -0.54 0.00	45.78 -0.65 0.00	44.03 -0.63 0.00	41.70 -0.59 0.00	41.81 -0.59 0.00	41.47 -0.59 0.00	42.92 -0.61 0.00	48.04 -0.63 -0.43	51.33 -0.56 -1.01	52.51 -0.51 -2.14	47.37 -0.57 -0.79	40.71 -0.57 -0.57	39.06 -0.55 -0.14	37.47 -0.61 -0.01	37.01 -0.79 0.00
TALLMAN___138KV_BK151 55660	38.73 1.31 0.00	35.81 1.21 0.00	34.81 1.21 0.00	34.78 1.21 0.00	34.06 1.18 0.00	35.94 1.38 0.00	48.18 2.56 0.00	51.14 2.91 -0.50	50.50 2.77 0.00	47.59 2.57 0.00	49.12 2.69 0.00	47.24 2.59 0.00	44.83 2.54 0.00	44.90 2.50 0.00	44.59 2.52 0.00	46.09 2.57 0.00	51.30 3.04 -0.03	61.85 3.41 -7.57	60.62 3.31 -6.43	53.59 3.02 -3.43	47.47 2.57 -4.19	42.94 2.37 -1.11	40.41 2.28 -0.05	39.62 1.81 0.00
TEALLAVE_115KV_TB7 355573	36.33 -1.09 0.00	33.59 -1.00 0.00	32.63 -0.97 0.00	32.63 -0.94 0.00	31.96 -0.92 0.00	33.76 -0.79 0.00	44.71 -0.91 0.00	46.82 -0.95 -0.05	46.82 -0.91 0.00	44.17 -0.86 0.00	45.45 -0.97 0.00	43.76 -0.89 0.00	41.41 -0.89 0.00	41.55 -0.85 0.00	41.22 -0.84 0.00	42.65 -0.87 0.00	47.27 -0.96 0.00	50.67 -0.92 -0.70	51.05 -0.92 -1.09	46.52 -0.94 -0.32	40.21 -0.90 -0.39	38.74 -0.83 -0.10	37.20 -0.88 0.00	36.79 -1.02 0.00
TELGRAPH_34_KV_EAST 80808	33.49 -3.93 0.00	31.10 -3.49 0.00	30.24 -3.36 0.00	30.38 -3.19 0.00	29.75 -3.12 0.00	31.41 -3.14 0.00	40.97 -4.65 0.00	42.17 -5.63 -0.07	42.43 -5.30 0.00	40.07 -4.95 0.00	40.81 -5.62 0.00	39.61 -5.05 0.00	37.52 -4.78 0.00	37.91 -4.49 0.00	37.39 -4.67 0.00	38.55 -4.96 0.02	40.69 -5.74 1.80	45.69 -5.65 -0.46	42.80 -5.49 2.59	40.54 -5.42 1.19	36.22 -4.72 -0.23	35.13 -4.42 -0.08	34.04 -4.04 -0.01	33.65 -4.16 0.00
TEMPLE___115KV_TB 2 55572	36.37 -1.05 0.00	33.63 -0.97 0.00	32.66 -0.94 0.00	32.63 -0.94 0.00	31.99 -0.89 0.00	33.79 -0.76 0.00	44.76 -0.87 0.00	46.87 -0.91 -0.05	46.87 -0.86 0.00	44.21 -0.81 0.00	45.50 -0.93 0.00	43.80 -0.85 0.00	41.45 -0.85 0.00	41.59 -0.81 0.00	41.22 -0.84 0.00	42.65 -0.87 0.00	47.32 -0.92 0.00	50.73 -0.86 -0.71	51.10 -0.86 -1.08	46.57 -0.90 -0.32	40.25 -0.86 -0.39	38.78 -0.79 -0.10	37.24 -0.84 0.00	36.82 -0.98 0.00
TIANA___69_KV_BK 1 55817	41.33 3.33 -0.58	40.19 3.15 -2.44	39.00 3.06 -2.34	37.06 3.16 -0.33	38.59 3.06 -2.66	46.36 3.28 -8.52	61.67 5.25 -10.79	70.94 5.44 -17.77	65.50 5.49 -12.29	61.69 5.22 -11.44	64.84 6.04 -12.38	63.68 5.76 -13.27	63.27 5.50 -15.47	64.72 5.55 -16.77	65.70 5.59 -18.05	68.55 5.70 -19.32	64.25 5.69 -10.32	79.28 6.41 -21.99	79.42 6.51 -22.03	67.69 5.85 -14.70	72.64 5.37 -26.56	71.20 5.33 -26.41	59.81 4.72 -17.02	51.99 4.20 -9.98
TILDEN___115KV_TB1 80814	36.60 -0.82 0.00	33.84 -0.76 0.00	32.86 -0.74 0.00	32.83 -0.74 0.00	32.19 -0.69 0.00	34.00 -0.55 0.00	45.08 -0.55 0.00	47.21 -0.57 -0.06	47.16 -0.57 0.00	44.48 -0.54 0.00	45.78 -0.65 0.00	44.03 -0.63 0.00	41.70 -0.59 0.00	41.81 -0.59 0.00	41.47 -0.59 0.00	42.92 -0.61 0.00	48.04 -0.63 -0.43	51.33 -0.56 -1.01	52.51 -0.51 -2.14	47.37 -0.57 -0.79	40.71 -0.57 -0.57	39.06 -0.55 -0.14	37.47 -0.61 -0.01	37.01 -0.79 0.00
TRIGEN___CC 323695	40.17 2.17 -0.58	39.01 1.97 -2.44	37.89 1.95 -2.34	35.85 1.95 -0.33	37.47 1.94 -2.66	45.26 2.18 -8.52	60.02 3.60 -10.79	69.55 4.06 -17.77	64.02 4.01 -12.29	60.16 3.69 -11.44	62.75 3.95 -12.38	61.66 3.75 -13.26	61.45 3.68 -15.47	62.81 3.65 -16.77	63.77 3.66 -18.05	66.59 3.74 -19.32	62.95 4.39 -10.32	77.65 4.78 -21.99	77.59 4.68 -22.03	66.14 4.29 -14.70	70.89 3.62 -26.56	69.27 3.39 -26.41	58.36 3.27 -17.01	50.55 2.76 -9.98
TRINITY___115KV___ 4 BK 55933	38.80 1.38 0.00	35.84 1.25 0.00	34.81 1.21 0.00	34.78 1.21 0.00	34.06 1.18 0.00	35.90 1.35 0.00	47.68 2.05 0.00	50.57 2.20 -0.64	49.92 2.20 0.00	47.05 2.03 0.00	48.24 1.81 0.00	46.35 1.70 0.00	43.86 1.56 0.00	43.97 1.57 0.00	43.66 1.60 0.00	45.18 1.65 0.00	50.20 1.93 -0.03	62.54 1.93 -9.73	61.18 2.04 -8.27	53.44 1.89 -4.41	47.73 1.63 -5.39	42.78 1.89 -1.42	40.00 1.87 -0.07	39.36 1.55 0.00
UNION___PROCESSING_DRP 323587	34.61 -2.81 0.00	32.11 -2.49 0.00	31.18 -2.42 0.00	31.26 -2.32 0.00	30.61 -2.27 0.00	32.34 -2.21 0.00	42.57 -3.06 0.00	44.21 -3.58 -0.06	44.39 -3.34 0.00	41.87 -3.15 0.00	42.80 -3.62 0.00	41.39 -3.26 0.00	39.21 -3.09 0.00	39.47 -2.93 0.00	39.03 -3.03 0.00	40.29 -3.22 0.01	42.50 -3.86 1.87	47.80 -3.56 -0.48	44.48 -3.66 2.74	42.29 -3.63 1.23	37.83 -3.14 -0.25	36.74 -2.80 -0.08	35.37 -2.70 -0.01	34.93 -2.87 0.00
UPPER HUDSON___HYD 24058	38.65 1.23 0.00	35.67 1.07 0.00	34.74 1.14 0.00	34.75 1.17 0.00	34.00 1.12 0.00	35.94 1.38 0.00	47.86 2.24 0.00	50.82 2.43 -0.66	50.30 2.58 0.00	47.23 2.21 0.00	48.79 2.37 0.00	46.39 1.74 0.00	43.73 1.44 0.00	43.58 1.19 0.00	43.32 1.26 0.00	44.83 1.30 0.00	50.00 1.73 -0.03	62.80 1.88 -10.03	61.34 1.93 -8.53	53.48 1.79 -4.55	47.74 1.46 -5.56	42.16 1.22 -1.47	39.28 1.14 -0.07	38.71 0.91 0.00
UPPER RAQUET___HYD 24056	37.98 0.56 0.00	35.12 0.52 0.00	34.04 0.44 0.00	33.94 0.37 0.00	33.11 0.23 0.00	34.21 -0.35 0.00	44.62 -1.00 0.00	46.82 -0.91 0.00	46.82 -0.91 0.00	44.76 -0.27 0.00	45.96 -0.46 0.00	44.16 -0.49 0.00	41.87 -0.42 0.00	41.93 -0.47 0.00	41.60 -0.46 0.00	43.09 -0.44 0.00	47.71 -0.53 0.00	49.91 -0.97 0.00	49.91 -0.97 0.00	46.11 -1.04 0.00	39.74 -0.98 0.00	38.87 -0.59 0.00	37.69 -0.38 0.00	37.66 -0.15 0.00
VALLEY44_115KV_TB2 355964	34.65 -2.77 0.00	32.24 -2.35 0.00	31.45 -2.15 0.00	31.52 -2.05 0.00	30.91 -1.97 0.00	32.55 -2.00 0.00	42.29 -3.33 0.00	43.37 -4.44 -0.08	43.48 -4.25 0.00	41.20 -3.83 0.00	41.88 -4.55 0.00	40.77 -3.88 0.00	38.57 -3.72 0.00	38.88 -3.52 0.00	38.40 -3.66 0.00	39.54 -3.96 0.02	42.75 -3.71 1.77	46.63 -4.68 -0.43	44.33 -4.07 2.48	42.52 -3.44 1.18	37.58 -3.34 -0.20	35.76 -3.79 -0.08	35.15 -2.93 -0.01	34.78 -3.02 0.00
VALLEY___115KV_TB 1-4 80826	37.72 0.30 0.00	34.91 0.31 0.00	33.90 0.30 0.00	33.87 0.30 0.00	33.17 0.30 0.00	34.93 0.38 0.00	46.36 0.73 0.00	48.50 0.76 0.00	48.49 0.76 0.00	45.70 0.68 0.00	47.12 0.70 0.00	45.28 0.63 0.00	42.93 0.63 0.00	42.99 0.59 0.00	42.65 0.59 0.00	44.09 0.57 0.00	48.77 0.53 0.00	51.29 0.41 0.00	51.18 0.31 0.00	47.38 0.24 0.00	40.92 0.20 0.00	39.74 0.28 0.00	38.41 0.34 0.00	38.03 0.23 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	39.40 1.98 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.65 1.78 0.00	36.59 2.04 0.00	49.00 3.38 0.00	51.59 3.63 -0.23	51.40 3.68 0.00	48.49 3.47 0.00	49.81 3.39 0.00	47.87 3.21 0.00	45.34 3.05 0.00	45.41 3.01 0.00	45.05 2.99 0.00	46.66 3.13 0.00	51.94 3.47 -0.23	58.41 3.92 -3.62	59.01 3.97 -4.16	52.58 3.63 -1.81	45.82 3.09 -2.01	42.83 2.84 -0.53	40.80 2.70 -0.02	40.11 2.31 0.00

VISCHER___FERRY HYD 24020	38.92 1.50 0.00	35.95 1.35 0.00	34.91 1.31 0.00	34.92 1.34 0.00	34.16 1.28 0.00	36.04 1.48 0.00	47.95 2.33 0.00	50.81 2.43 -0.65	50.21 2.48 0.00	47.23 2.21 0.00	48.79 2.37 0.00	46.84 2.19 0.00	44.33 2.03 0.00	44.39 1.99 0.00	44.08 2.02 0.00	45.61 2.09 0.00	50.73 2.46 -0.03	63.37 2.64 -9.85	61.95 2.69 -8.37	54.06 2.45 -4.46	48.29 2.12 -5.46	42.92 2.01 -1.44	40.08 1.94 -0.07	39.66 1.85 0.00
V_A_10_SYNC_DSASP 323832	33.19 -4.23 0.00	30.83 -3.77 0.00	30.01 -3.59 0.00	30.11 -3.46 0.00	29.52 -3.35 0.00	31.10 -3.46 0.00	40.79 -4.84 0.00	41.79 -6.02 -0.07	41.67 -6.06 0.00	39.67 -5.36 0.00	40.62 -5.80 0.00	39.38 -5.27 0.00	37.13 -5.16 0.00	37.52 -4.87 0.00	37.06 -5.01 0.00	38.29 -5.22 0.01	40.28 -6.22 1.74	45.29 -6.06 -0.47	42.33 -6.11 2.45	40.12 -5.89 1.13	36.15 -4.80 -0.24	35.05 -4.50 -0.08	33.93 -4.15 -0.01	33.54 -4.27 0.00
V_CMM_10_SYNC_DSASP 323787	37.90 0.49 0.00	35.08 0.48 0.00	34.00 0.40 0.00	33.94 0.37 0.00	33.21 0.33 0.00	34.62 0.07 0.00	45.26 -0.37 0.00	47.35 -0.38 0.00	47.40 -0.33 0.00	44.84 -0.18 0.00	46.19 -0.23 0.00	44.47 -0.18 0.00	42.13 -0.17 0.00	42.23 -0.17 0.00	41.85 -0.21 0.00	43.35 -0.17 0.00	47.90 -0.34 0.00	50.42 -0.46 0.00	50.37 -0.51 0.00	46.77 -0.38 0.00	40.39 -0.33 0.00	39.19 -0.27 0.00	37.88 -0.19 0.00	37.73 -0.08 0.00
V_CMP_10_SYNC_DSASP 323788	39.70 2.28 0.00	36.78 2.18 0.00	35.62 2.02 0.00	35.48 1.91 0.00	34.72 1.84 0.00	35.80 1.24 0.00	46.90 1.28 0.00	49.16 1.43 0.00	49.11 1.39 0.00	46.60 1.58 0.00	48.09 1.67 0.00	46.21 1.56 0.00	43.77 1.48 0.00	43.80 1.40 0.00	43.41 1.35 0.00	44.96 1.43 0.00	49.54 1.30 0.00	52.40 1.52 0.00	52.40 1.52 0.00	48.42 1.27 0.00	41.73 1.02 0.00	40.45 0.99 0.00	39.02 0.95 0.00	39.32 1.51 0.00
V_D_10_SYNC_DSASP 323841	38.17 0.75 0.00	35.29 0.69 0.00	34.21 0.61 0.00	34.14 0.57 0.00	33.37 0.49 0.00	34.76 0.21 0.00	45.44 -0.18 0.00	47.59 -0.14 0.00	47.59 -0.14 0.00	45.11 0.09 0.00	46.47 0.05 0.00	44.70 0.04 0.00	42.38 0.08 0.00	42.44 0.04 0.00	42.10 0.04 0.00	43.57 0.04 0.00	48.14 -0.10 0.00	50.68 -0.20 0.00	50.63 -0.25 0.00	46.96 -0.19 0.00	40.51 -0.20 0.00	39.39 -0.08 0.00	38.07 0.00 0.00	37.92 0.11 0.00
V_E_10_SYNC_DSASP 323830	40.30 2.88 0.00	37.33 2.73 0.00	36.22 2.62 0.00	36.19 2.62 0.00	35.51 2.63 0.00	37.67 3.11 0.00	50.69 5.06 0.00	53.19 5.30 -0.16	52.84 5.11 0.00	49.79 4.77 0.00	50.84 4.41 0.00	48.76 4.11 0.00	46.27 3.97 0.00	46.38 3.98 0.00	46.06 4.00 0.00	47.91 4.35 -0.03	55.22 4.87 -2.11	60.20 5.65 -3.68	64.69 5.70 -8.11	55.40 4.95 -3.30	46.87 4.07 -2.09	43.69 3.71 -0.51	41.36 3.27 -0.02	40.83 3.03 0.00
V_F_30_NSYNC___DSASP 323816	39.18 1.76 0.00	36.16 1.56 0.00	35.15 1.55 0.00	35.15 1.58 0.00	34.39 1.51 0.00	36.28 1.73 0.00	48.27 2.65 0.00	51.20 2.82 -0.66	50.64 2.91 0.00	47.59 2.57 0.00	49.16 2.74 0.00	47.06 2.41 0.00	44.45 2.16 0.00	44.48 2.08 0.00	44.21 2.14 0.00	45.74 2.22 0.00	50.92 2.65 -0.03	63.73 2.85 -10.01	62.29 2.90 -8.51	54.37 2.69 -4.54	48.54 2.28 -5.54	43.02 2.09 -1.47	40.16 2.02 -0.07	39.62 1.81 0.00
V_F_30_SYNC_DSASP 323786	38.92 1.50 0.00	35.95 1.35 0.00	34.91 1.31 0.00	34.88 1.31 0.00	34.16 1.28 0.00	36.01 1.45 0.00	47.86 2.24 0.00	50.71 2.34 -0.64	50.12 2.39 0.00	47.23 2.21 0.00	48.42 2.00 0.00	46.53 1.88 0.00	43.99 1.69 0.00	44.10 1.70 0.00	43.79 1.72 0.00	45.31 1.78 0.00	50.39 2.12 -0.03	62.76 2.09 -9.80	61.40 2.19 -8.33	53.66 2.07 -4.44	47.89 1.75 -5.43	42.91 2.01 -1.43	40.12 1.98 -0.07	39.43 1.63 0.00
V_XM_10_SYNC_DSASP 323789	39.70 2.28 0.00	36.78 2.18 0.00	35.62 2.02 0.00	35.48 1.91 0.00	34.72 1.84 0.00	35.80 1.24 0.00	46.90 1.28 0.00	49.16 1.43 0.00	49.11 1.39 0.00	46.60 1.58 0.00	48.09 1.67 0.00	46.21 1.56 0.00	43.77 1.48 0.00	43.80 1.40 0.00	43.41 1.35 0.00	44.96 1.43 0.00	49.54 1.30 0.00	52.40 1.52 0.00	52.40 1.52 0.00	48.42 1.27 0.00	41.73 1.02 0.00	40.45 0.99 0.00	39.02 0.95 0.00	39.32 1.51 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	38.84 1.42 0.00	35.91 1.31 0.00	34.91 1.31 0.00	34.88 1.31 0.00	34.16 1.28 0.00	36.04 1.49 0.00	48.32 2.69 0.00	51.29 3.05 -0.50	50.64 2.91 0.00	47.68 2.66 0.00	49.26 2.83 0.00	47.33 2.68 0.00	44.92 2.62 0.00	44.99 2.59 0.00	44.67 2.61 0.00	46.18 2.65 0.00	51.44 3.18 -0.03	61.99 3.51 -7.61	60.75 3.41 -6.47	53.70 3.11 -3.45	47.62 2.69 -4.21	43.03 2.45 -1.11	40.52 2.40 -0.05	39.74 1.93 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	39.14 1.72 0.00	36.15 1.56 0.00	35.15 1.55 0.00	35.12 1.54 0.00	34.42 1.55 0.00	36.32 1.76 0.00	48.77 3.15 0.00	51.88 3.63 -0.52	51.26 3.53 0.00	48.27 3.24 0.00	50.00 3.57 0.00	48.04 3.39 0.00	45.59 3.30 0.00	45.66 3.26 0.00	45.34 3.28 0.00	46.88 3.35 0.00	52.23 3.96 -0.03	63.09 4.32 -7.88	61.75 4.17 -6.70	54.53 3.82 -3.57	48.29 3.22 -4.36	43.62 3.00 -1.15	41.07 2.93 -0.06	40.27 2.46 0.00
W50THST__13_KV_LOAD 356117	39.29 1.87 0.00	36.29 1.70 0.00	35.31 1.71 0.00	35.28 1.71 0.00	34.59 1.71 0.00	36.49 1.94 0.00	49.00 3.38 0.00	52.07 3.82 -0.52	51.50 3.77 0.00	48.54 3.51 0.00	50.28 3.85 0.00	48.31 3.66 0.00	45.85 3.55 0.00	45.92 3.52 0.00	45.51 3.45 0.00	47.09 3.57 0.00	52.51 4.24 -0.03	63.39 4.63 -7.88	62.05 4.48 -6.70	54.72 4.01 -3.57	48.46 3.38 -4.36	43.78 3.16 -1.15	41.29 3.16 -0.06	40.46 2.65 0.00
WADING RIVER_IC_1 23522	40.81 2.81 -0.58	39.74 2.70 -2.44	38.49 2.55 -2.34	36.66 2.75 -0.33	38.13 2.60 -2.66	45.88 2.80 -8.52	60.94 4.52 -10.79	70.08 4.58 -17.77	64.69 4.68 -12.29	60.88 4.41 -11.44	64.23 5.43 -12.38	63.05 5.13 -13.27	62.76 4.99 -15.47	64.17 5.00 -16.77	65.15 5.05 -18.05	67.98 5.13 -19.32	63.24 4.68 -10.32	78.21 5.34 -21.99	78.25 5.34 -22.03	66.70 4.86 -14.70	71.91 4.64 -26.56	70.61 4.73 -26.41	59.20 4.11 -17.02	51.80 4.01 -9.98
WADING RIVER_IC_2 23547	40.81 2.81 -0.58	39.74 2.70 -2.44	38.49 2.55 -2.34	36.66 2.75 -0.33	38.13 2.60 -2.66	45.88 2.80 -8.52	60.94 4.52 -10.79	70.08 4.58 -17.77	64.69 4.68 -12.29	60.88 4.41 -11.44	64.23 5.43 -12.38	63.05 5.13 -13.27	62.76 4.99 -15.47	64.17 5.00 -16.77	65.15 5.05 -18.05	67.98 5.13 -19.32	63.24 4.68 -10.32	78.21 5.34 -21.99	78.25 5.34 -22.03	66.70 4.86 -14.70	71.91 4.64 -26.56	70.61 4.73 -26.41	59.20 4.11 -17.02	51.80 4.01 -9.98
WADING RIVER_IC_3 23601	40.81 2.81 -0.58	39.74 2.70 -2.44	38.49 2.55 -2.34	36.66 2.75 -0.33	38.13 2.60 -2.66	45.88 2.80 -8.52	60.94 4.52 -10.79	70.08 4.58 -17.77	64.69 4.68 -12.29	60.88 4.41 -11.44	64.23 5.43 -12.38	63.05 5.13 -13.27	62.76 4.99 -15.47	64.17 5.00 -16.77	65.15 5.05 -18.05	67.98 5.13 -19.32	63.24 4.68 -10.32	78.21 5.34 -21.99	78.25 5.34 -22.03	66.70 4.86 -14.70	71.91 4.64 -26.56	70.61 4.73 -26.41	59.20 4.11 -17.02	51.80 4.01 -9.98



WALDENNY_12_KV_BK2 80841	33.68 -3.74 0.00	31.31 -3.29 0.00	30.48 -3.12 0.00	30.62 -2.95 0.00	29.98 -2.89 0.00	31.58 -2.97 0.00	41.15 -4.47 0.00	42.27 -5.54 -0.07	42.43 -5.30 0.00	40.21 -4.82 0.00	40.95 -5.48 0.00	39.78 -4.87 0.00	37.69 -4.61 0.00	38.07 -4.32 0.00	37.56 -4.50 0.00	38.67 -4.83 0.02	41.06 -5.40 1.77	45.77 -5.55 -0.44	42.95 -5.39 2.53	40.88 -5.09 1.17	36.41 -4.52 -0.21	35.13 -4.42 -0.08	34.23 -3.85 -0.01	33.80 -4.01 0.00
WALDEN___HYDRO 24148	38.88 1.46 0.00	35.91 1.31 0.00	34.91 1.31 0.00	34.88 1.31 0.00	34.13 1.25 0.00	36.01 1.45 0.00	48.18 2.56 0.00	51.10 2.86 -0.51	50.40 2.67 0.00	47.64 2.61 0.00	49.21 2.79 0.00	47.29 2.63 0.00	44.79 2.50 0.00	44.90 2.50 0.00	44.59 2.52 0.00	46.14 2.61 0.00	51.44 3.18 -0.03	62.14 3.56 -7.70	60.84 3.41 -6.55	53.75 3.11 -3.49	47.63 2.65 -4.27	42.96 2.37 -1.13	40.48 2.36 -0.05	39.74 1.93 0.00
WARRENSBURG___ 23737	38.65 1.23 0.00	35.67 1.07 0.00	34.74 1.14 0.00	34.75 1.17 0.00	34.00 1.12 0.00	35.94 1.38 0.00	47.86 2.24 0.00	50.82 2.43 -0.66	50.30 2.58 0.00	47.23 2.21 0.00	48.79 2.37 0.00	46.39 1.74 0.00	43.73 1.44 0.00	43.58 1.19 0.00	43.32 1.26 0.00	44.83 1.30 0.00	50.00 1.73 -0.03	62.80 1.88 -10.03	61.34 1.93 -8.53	53.48 1.79 -4.55	47.74 1.46 -5.56	42.16 1.22 -1.47	39.28 1.14 -0.07	38.71 0.91 0.00
WATERSIDE___6 8 9 23538	39.25 1.83 0.00	36.29 1.70 0.00	35.25 1.65 0.00	35.22 1.65 0.00	34.55 1.68 0.00	36.39 1.83 0.00	48.86 3.24 0.00	44.58 3.87 7.02	45.41 3.82 6.14	48.40 3.38 0.00	50.14 3.71 0.00	48.13 3.48 0.00	45.76 3.47 0.01	45.83 3.43 0.00	38.78 3.49 6.77	47.08 3.57 0.01	52.46 4.20 -0.03	63.28 4.53 -7.88	61.47 4.48 -6.12	48.39 4.10 2.86	42.18 3.46 2.00	36.97 3.20 5.69	41.19 3.05 -0.07	40.46 2.65 -0.01
WATKINRD_115KV_LN8_ILLION 55919	37.72 0.30 0.00	34.87 0.28 0.00	33.87 0.27 0.00	33.84 0.27 0.00	33.14 0.26 0.00	34.90 0.35 0.00	46.31 0.68 0.00	48.50 0.76 0.00	48.44 0.72 0.00	45.65 0.63 0.00	47.08 0.65 0.00	45.23 0.58 0.00	42.89 0.59 0.00	42.95 0.55 0.00	42.61 0.55 0.00	44.09 0.57 0.00	48.86 0.63 0.00	51.49 0.61 0.00	51.44 0.56 0.00	47.62 0.47 0.00	41.12 0.41 0.00	39.86 0.39 0.00	38.49 0.42 0.00	38.11 0.30 0.00
WATSON___69_KV_BK 1 55734	41.11 3.11 -0.58	39.91 2.87 -2.44	38.76 2.82 -2.34	36.76 2.85 -0.33	38.33 2.79 -2.66	46.15 3.08 -8.52	61.44 5.02 -10.79	70.99 5.49 -17.77	65.45 5.44 -12.29	61.51 5.04 -11.44	64.33 5.52 -12.38	63.19 5.27 -13.27	62.84 5.08 -15.47	64.25 5.09 -16.77	65.24 5.13 -18.05	68.16 5.31 -19.32	64.49 5.93 -10.32	79.43 6.56 -21.99	79.47 6.56 -22.03	67.79 5.94 -14.70	72.44 5.17 -26.56	70.77 4.89 -26.41	59.62 4.53 -17.02	51.76 3.97 -9.98
WDELAWARE___HYD 323627	39.10 1.69 0.00	36.16 1.56 0.00	35.11 1.51 0.00	35.08 1.51 0.00	34.29 1.41 0.00	36.18 1.62 0.00	48.55 2.92 0.00	51.40 3.20 -0.47	50.93 3.20 0.00	47.82 2.79 0.00	49.44 3.02 0.00	47.51 2.86 0.00	45.00 2.71 0.00	45.07 2.67 0.00	44.76 2.69 0.00	46.31 2.79 0.00	51.58 3.33 -0.02	61.88 3.86 -7.14	60.66 3.71 -6.07	53.73 3.35 -3.23	47.52 2.85 -3.95	43.00 2.49 -1.04	40.56 2.44 -0.05	40.11 2.31 0.00
WEST BABYLON___IC 23714	40.88 2.88 -0.58	39.70 2.66 -2.44	38.56 2.62 -2.34	36.53 2.62 -0.33	38.13 2.60 -2.66	45.95 2.87 -8.52	61.12 4.70 -10.79	70.70 5.20 -17.77	65.17 5.15 -12.29	61.24 4.77 -11.44	63.91 5.11 -12.38	62.78 4.87 -13.26	62.46 4.69 -15.47	63.92 4.75 -16.77	64.86 4.75 -18.05	67.76 4.92 -19.32	64.15 5.60 -10.32	79.07 6.21 -21.99	79.06 6.16 -22.03	67.46 5.61 -14.70	72.07 4.80 -26.56	70.37 4.50 -26.41	59.31 4.23 -17.01	51.46 3.67 -9.98
WEST CANADA___HYD 24049	37.61 0.19 0.00	34.77 0.17 0.00	33.77 0.17 0.00	33.74 0.17 0.00	33.08 0.20 0.00	34.83 0.28 0.00	46.17 0.55 0.00	48.31 0.57 0.00	48.25 0.53 0.00	45.47 0.45 0.00	46.94 0.51 0.00	45.10 0.45 0.00	42.72 0.42 0.00	42.82 0.42 0.00	42.48 0.42 0.00	43.96 0.44 0.00	48.77 0.53 0.00	51.44 0.56 0.00	51.44 0.56 0.00	47.62 0.47 0.00	41.12 0.41 0.00	39.86 0.39 0.00	38.45 0.38 0.00	38.15 0.34 0.00
WESTERN_NY_WIND 24143	34.09 -3.33 0.00	31.66 -2.94 0.00	30.74 -2.86 0.00	30.85 -2.72 0.00	30.25 -2.63 0.00	32.00 -2.56 0.00	41.88 -3.74 0.00	43.21 -4.58 -0.07	43.53 -4.20 0.00	41.02 -4.01 0.00	41.74 -4.69 0.00	40.50 -4.15 0.00	38.40 -3.89 0.00	38.75 -3.65 0.00	38.23 -3.83 0.00	39.42 -4.09 0.02	41.65 -4.78 1.81	46.76 -4.58 -0.46	43.85 -4.43 2.61	41.48 -4.48 1.19	37.00 -3.95 -0.23	35.88 -3.67 -0.08	34.73 -3.35 -0.01	34.25 -3.55 0.00
WESTOVER___LESR 323668	37.42 0.00 0.00	34.63 0.03 0.00	33.67 0.07 0.00	33.67 0.10 0.00	33.01 0.13 0.00	34.83 0.28 0.00	46.17 0.55 0.00	48.33 0.43 -0.17	48.16 0.43 0.00	45.43 0.41 0.00	46.70 0.28 0.00	45.01 0.36 0.00	42.59 0.30 0.00	42.74 0.34 0.00	42.40 0.34 0.00	43.87 0.35 0.00	48.99 0.48 -0.27	54.08 0.61 -2.60	54.93 0.66 -3.39	49.04 0.52 -1.38	42.52 0.37 -1.44	40.12 0.28 -0.38	38.36 0.27 -0.02	37.88 0.08 0.00
WETHRSFD_WT_PWR 323626	34.42 -2.99 0.00	32.00 -2.60 0.00	31.15 -2.45 0.00	31.22 -2.35 0.00	30.61 -2.27 0.00	32.31 -2.25 0.00	42.39 -3.24 0.00	43.57 -4.25 -0.09	43.43 -4.30 0.00	41.29 -3.74 0.00	42.25 -4.18 0.00	40.95 -3.71 0.00	38.53 -3.76 0.00	38.88 -3.52 0.00	38.40 -3.66 0.00	39.66 -3.83 0.03	42.11 -4.29 1.83	46.75 -4.43 -0.30	43.89 -4.22 2.77	41.75 -4.10 1.29	37.21 -3.62 -0.12	35.87 -3.67 -0.07	34.54 -3.54 -0.01	34.56 -3.25 0.00
WHAVSTOR_138KV_BK127 55557	38.73 1.31 0.00	35.81 1.21 0.00	34.81 1.21 0.00	34.78 1.21 0.00	34.09 1.22 0.00	35.94 1.38 0.00	48.18 2.56 0.00	51.14 2.91 -0.50	50.50 2.77 0.00	47.55 2.52 0.00	49.12 2.69 0.00	47.24 2.59 0.00	44.83 2.54 0.00	44.90 2.50 0.00	44.59 2.52 0.00	46.09 2.57 0.00	51.30 3.04 -0.03	61.85 3.36 -7.61	60.61 3.26 -6.47	53.57 2.97 -3.45	47.50 2.57 -4.22	42.95 2.37 -1.11	40.41 2.28 -0.05	39.62 1.81 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	38.73 1.31 0.00	35.81 1.21 0.00	34.81 1.21 0.00	34.78 1.21 0.00	34.09 1.22 0.00	35.94 1.38 0.00	48.18 2.56 0.00	51.14 2.91 -0.50	50.50 2.77 0.00	47.55 2.52 0.00	49.12 2.69 0.00	47.24 2.59 0.00	44.83 2.54 0.00	44.90 2.50 0.00	44.59 2.52 0.00	46.09 2.57 0.00	51.30 3.04 -0.03	61.85 3.36 -7.61	60.61 3.26 -6.47	53.57 2.97 -3.45	47.50 2.57 -4.22	42.95 2.37 -1.11	40.41 2.28 -0.05	39.62 1.81 0.00
WHITEHAL_115KV_TB1 80871	39.33 1.91 0.00	36.26 1.66 0.00	35.31 1.71 0.00	35.28 1.71 0.00	34.55 1.68 0.00	36.52 1.97 0.00	48.77 3.15 0.00	51.78 3.39 -0.66	51.31 3.58 0.00	48.13 3.11 0.00	49.63 3.20 0.00	47.29 2.63 0.00	44.41 2.11 0.00	44.39 1.99 0.00	44.12 2.06 0.00	45.70 2.18 0.00	51.07 2.80 -0.03	63.85 2.95 -10.02	62.46 3.05 -8.52	54.47 2.78 -4.54	48.55 2.28 -5.55	42.87 1.93 -1.47	40.01 1.87 -0.07	39.17 1.36 0.00

WHITEPLN_13_KV_LOAD 356215	39.33 1.91 0.00	36.33 1.73 0.00	35.31 1.71 0.00	35.28 1.71 0.00	34.55 1.68 0.00	36.45 1.90 0.00	48.96 3.33 0.00	52.16 3.91 -0.51	51.64 3.91 0.00	48.63 3.60 0.00	50.28 3.85 0.00	48.31 3.66 0.00	45.81 3.51 0.00	45.88 3.48 0.00	45.55 3.49 0.00	47.14 3.61 0.00	52.60 4.34 -0.03	63.36 4.63 -7.85	61.98 4.43 -6.68	54.71 4.01 -3.56	48.40 3.34 -4.35	43.65 3.04 -1.15	41.10 2.97 -0.05	40.30 2.50 0.00
WM_FLOYD_69_KV_BK2 356380	40.88 2.88 -0.58	39.77 2.73 -2.44	38.59 2.65 -2.34	36.66 2.75 -0.33	38.20 2.66 -2.66	45.91 2.83 -8.52	61.07 4.65 -10.79	70.37 4.87 -17.77	64.93 4.92 -12.29	61.10 4.64 -11.44	64.19 5.39 -12.38	63.05 5.13 -13.27	62.67 4.91 -15.47	64.13 4.96 -16.77	65.11 5.01 -18.05	67.98 5.14 -19.32	63.77 5.21 -10.32	78.72 5.85 -21.99	78.76 5.85 -22.03	67.13 5.28 -14.70	72.07 4.80 -26.56	70.61 4.74 -26.41	59.35 4.26 -17.02	51.54 3.74 -9.98
WOODARD__115KV_TB2 355635	36.33 -1.09 0.00	33.59 -1.00 0.00	32.63 -0.97 0.00	32.60 -0.97 0.00	31.96 -0.92 0.00	33.73 -0.83 0.00	44.67 -0.96 0.00	46.78 -1.00 -0.05	46.73 -1.00 0.00	44.08 -0.95 0.00	45.40 -1.02 0.00	43.67 -0.98 0.00	41.36 -0.93 0.00	41.47 -0.93 0.00	41.14 -0.93 0.00	42.57 -0.96 0.00	47.18 -1.06 0.00	50.62 -0.97 -0.71	51.18 -1.02 -1.32	46.43 -1.04 -0.32	40.17 -0.94 -0.39	38.70 -0.87 -0.10	37.16 -0.91 0.00	36.75 -1.06 0.00
YORK____WARBASSE 23770	39.44 2.02 0.00	36.43 1.83 0.00	35.38 1.78 0.00	35.35 1.78 0.00	34.69 1.81 0.00	36.52 1.97 0.00	49.09 3.47 0.00	105.11 4.10 -53.27	109.49 4.01 -57.75	48.58 3.56 0.00	50.32 3.90 0.00	48.27 3.62 0.00	45.99 3.64 -0.06	46.05 3.65 0.00	112.12 3.66 -66.40	47.32 3.74 -0.06	52.77 4.39 -0.14	95.41 4.73 -39.80	91.81 4.68 -36.26	115.46 4.29 -64.03	93.30 3.66 -48.92	91.92 3.39 -49.06	41.43 3.27 -0.08	40.70 2.87 -0.01