

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$															--- Marginal Cost of Losses										--- Marginal Cost of Congestion										01/29/2024		
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		32.63 1.55 0.00	31.08 1.34 0.00	30.09 1.32 0.00	29.89 1.32 0.00	30.44 1.34 0.00	31.42 1.32 0.00	37.74 2.03 0.00	41.13 2.87 0.00	41.54 3.08 0.00	39.11 2.73 0.00	42.67 3.23 0.00	42.25 3.31 0.00	41.13 3.12 0.00	41.10 3.05 0.00	41.25 3.06 0.00	41.91 3.14 0.00	49.47 3.92 0.00	55.26 4.33 0.00	52.42 3.75 0.00	50.18 3.89 0.00	42.44 3.11 0.00	40.55 2.69 0.00	38.48 2.32 0.00	37.98 2.22 0.00														
74TH STREET_GT_1 24260		32.60 1.52 0.00	31.05 1.31 0.00	30.09 1.32 0.00	29.89 1.31 0.00	30.44 1.34 0.00	31.42 1.32 0.00	37.67 1.96 0.00	41.05 2.79 0.00	41.65 3.19 0.00	39.07 2.69 0.00	42.59 3.15 0.00	42.18 3.23 0.00	41.13 3.12 0.00	41.06 3.01 0.00	41.33 3.13 0.00	41.95 3.18 0.00	49.38 3.83 0.00	55.31 4.38 0.00	52.47 3.80 0.00	50.28 3.98 0.00	42.44 3.11 0.00	40.48 2.61 0.00	38.41 2.24 0.00	37.95 2.18 0.00														
74TH STREET_GT_2 24261		32.60 1.52 0.00	31.05 1.31 0.00	30.09 1.32 0.00	29.89 1.31 0.00	30.44 1.34 0.00	31.42 1.32 0.00	37.67 1.96 0.00	41.05 2.79 0.00	41.65 3.19 0.00	39.07 2.69 0.00	42.59 3.15 0.00	42.18 3.23 0.00	41.13 3.12 0.00	41.06 3.01 0.00	41.33 3.13 0.00	41.95 3.18 0.00	49.38 3.83 0.00	55.31 4.38 0.00	52.47 3.80 0.00	50.28 3.98 0.00	42.44 3.11 0.00	40.48 2.61 0.00	38.41 2.24 0.00	37.95 2.18 0.00														
ADK HUDSON___FALLS 24011		32.73 1.65 0.00	31.26 1.52 0.00	30.29 1.52 0.00	30.09 1.51 0.00	30.61 1.51 0.00	31.75 1.66 0.00	37.10 1.39 0.00	39.90 1.65 0.00	40.27 1.81 0.00	37.84 1.46 0.00	41.21 1.77 0.00	40.77 1.83 0.00	39.61 1.60 0.00	39.65 1.60 0.00	39.91 1.72 0.00	40.56 1.78 0.00	47.74 2.19 0.00	53.58 2.65 0.00	51.30 2.63 0.00	48.66 2.36 0.00	41.30 1.97 0.00	39.34 1.48 0.00	37.32 1.16 0.00	36.84 1.07 0.00														
ADK RESOURCE___RCVRY 23798		32.82 1.74 0.00	31.38 1.63 0.00	30.37 1.61 0.00	30.18 1.60 0.00	30.70 1.60 0.00	31.84 1.75 0.00	37.21 1.50 0.00	39.98 1.72 0.00	40.27 1.81 0.00	37.87 1.49 0.00	41.33 1.89 0.00	40.85 1.91 0.00	39.68 1.67 0.00	39.73 1.67 0.00	39.99 1.80 0.00	40.63 1.86 0.00	47.83 2.28 0.00	53.73 2.80 0.00	51.44 2.77 0.00	48.79 2.50 0.00	41.41 2.08 0.00	39.49 1.63 0.00	37.40 1.23 0.00	36.88 1.11 0.00														
ADK S GLENS___FALLS 24028		32.73 1.65 0.00	31.26 1.52 0.00	30.29 1.52 0.00	30.09 1.51 0.00	30.61 1.51 0.00	31.75 1.66 0.00	37.10 1.39 0.00	39.90 1.65 0.00	40.27 1.81 0.00	37.84 1.46 0.00	41.21 1.77 0.00	40.77 1.83 0.00	39.61 1.60 0.00	39.65 1.60 0.00	39.91 1.72 0.00	40.56 1.78 0.00	47.74 2.19 0.00	53.58 2.65 0.00	51.30 2.63 0.00	48.66 2.36 0.00	41.30 1.97 0.00	39.34 1.48 0.00	37.32 1.16 0.00	36.84 1.07 0.00														
ADK_NYS___DAM 23527		32.67 1.58 0.00	31.23 1.49 0.00	30.23 1.47 0.00	30.03 1.46 0.00	30.55 1.45 0.00	31.57 1.47 0.00	37.60 1.89 0.00	40.55 2.30 0.00	40.85 2.39 0.00	38.42 2.04 0.00	41.96 2.53 0.00	41.47 2.53 0.00	40.37 2.36 0.00	40.38 2.32 0.00	40.60 2.41 0.00	41.26 2.48 0.00	48.51 2.96 0.00	54.29 3.36 0.00	51.79 3.12 0.00	49.30 3.01 0.00	41.85 2.52 0.00	40.13 2.27 0.00	38.08 1.92 0.00	37.59 1.82 0.00														
AIR_PRODUCTS___DRP 24190		31.67 0.59 0.00	30.31 0.57 0.00	29.43 0.66 0.00	29.24 0.66 0.00	29.74 0.64 0.00	30.40 0.30 0.00	36.10 0.39 0.00	38.83 0.57 0.00	39.19 0.73 0.00	36.89 0.51 0.00	40.23 0.79 0.00	39.80 0.86 0.00	38.81 0.80 0.00	38.82 0.76 0.00	39.07 0.88 0.00	39.66 0.89 0.00	46.64 1.09 0.00	52.10 1.17 0.00	49.69 1.02 0.00	47.31 1.02 0.00	40.12 0.79 0.00	38.47 0.61 0.00	36.56 0.40 0.00	36.12 0.36 0.00														
AKWESSNE_115KV_BK 355683		31.27 0.19 0.00	30.04 0.30 0.00	29.02 0.26 0.00	28.83 0.26 0.00	29.33 0.23 0.00	30.31 0.21 0.00	35.85 0.14 0.00	38.03 -0.23 0.00	38.11 -0.35 0.00	36.31 -0.07 0.00	39.20 -0.24 0.00	38.55 -0.39 0.00	37.75 -0.27 0.00	37.75 -0.30 0.00	37.81 -0.38 0.00	38.38 -0.39 0.00	45.14 -0.41 0.00	50.32 -0.61 0.00	48.28 -0.39 0.00	45.88 -0.42 0.00	38.98 -0.35 0.00	37.94 0.08 0.00	36.42 0.25 0.00	36.09 0.32 0.00														
ALBANY_1_SOLAR 323833		32.20 1.12 0.00	30.81 1.07 0.00	29.89 1.12 0.00	29.69 1.11 0.00	30.15 1.05 0.00	30.97 0.87 0.00	36.82 1.11 0.00	39.44 1.19 0.00	39.73 1.27 0.00	37.36 0.98 0.00	40.78 1.34 0.00	40.31 1.36 0.00	39.31 1.29 0.00	39.31 1.25 0.00	39.53 1.34 0.00	40.17 1.39 0.00	47.24 1.69 0.00	52.76 1.83 0.00	50.42 1.75 0.00	47.96 1.66 0.00	40.74 1.41 0.00	39.07 1.21 0.00	37.14 0.98 0.00	36.80 1.04 0.00														
ALBANY_2_SOLAR 323834		32.20 1.12 0.00	30.81 1.07 0.00	29.86 1.09 0.00	29.66 1.09 0.00	30.15 1.05 0.00	30.97 0.87 0.00	36.82 1.11 0.00	39.44 1.19 0.00	39.73 1.27 0.00	37.36 0.98 0.00	40.74 1.30 0.00	40.31 1.36 0.00	39.31 1.29 0.00	39.31 1.25 0.00	39.53 1.34 0.00	40.17 1.39 0.00	47.24 1.69 0.00	52.76 1.83 0.00	50.42 1.75 0.00	47.96 1.66 0.00	40.74 1.41 0.00	39.07 1.21 0.00	37.14 0.98 0.00	36.80 1.04 0.00														
ALBANY___1 23571		31.67 0.59 0.00	30.31 0.57 0.00	29.43 0.66 0.00	29.24 0.66 0.00	29.74 0.64 0.00	30.40 0.30 0.00	36.10 0.39 0.00	38.83 0.57 0.00	39.19 0.73 0.00	36.89 0.51 0.00	40.23 0.79 0.00	39.80 0.86 0.00	38.81 0.80 0.00	38.82 0.76 0.00	39.07 0.88 0.00	39.66 0.89 0.00	46.64 1.09 0.00	52.10 1.17 0.00	49.69 1.02 0.00	47.31 1.02 0.00	40.12 0.79 0.00	38.47 0.61 0.00	36.56 0.40 0.00	36.12 0.36 0.00														

ALBANY___2 23572	31.67 0.59 0.00	30.31 0.57 0.00	29.43 0.66 0.00	29.24 0.66 0.00	29.74 0.64 0.00	30.40 0.30 0.00	36.10 0.39 0.00	38.83 0.57 0.00	39.19 0.73 0.00	36.89 0.51 0.00	40.23 0.79 0.00	39.80 0.86 0.00	38.81 0.80 0.00	38.82 0.76 0.00	39.07 0.88 0.00	39.66 0.89 0.00	46.64 1.09 0.00	52.10 1.17 0.00	49.69 1.02 0.00	47.31 1.02 0.00	40.12 0.79 0.00	38.47 0.61 0.00	36.56 0.40 0.00	36.12 0.36 0.00
ALBANY___3 23573	31.67 0.59 0.00	30.31 0.57 0.00	29.43 0.66 0.00	29.24 0.66 0.00	29.74 0.64 0.00	30.40 0.30 0.00	36.10 0.39 0.00	38.83 0.57 0.00	39.19 0.73 0.00	36.89 0.51 0.00	40.23 0.79 0.00	39.80 0.86 0.00	38.81 0.80 0.00	38.82 0.76 0.00	39.07 0.88 0.00	39.66 0.89 0.00	46.64 1.09 0.00	52.10 1.17 0.00	49.69 1.02 0.00	47.31 1.02 0.00	40.12 0.79 0.00	38.47 0.61 0.00	36.56 0.40 0.00	36.12 0.36 0.00
ALBANY___4 23574	31.67 0.59 0.00	30.31 0.57 0.00	29.43 0.66 0.00	29.24 0.66 0.00	29.74 0.64 0.00	30.40 0.30 0.00	36.10 0.39 0.00	38.83 0.57 0.00	39.19 0.73 0.00	36.89 0.51 0.00	40.23 0.79 0.00	39.80 0.86 0.00	38.81 0.80 0.00	38.82 0.76 0.00	39.07 0.88 0.00	39.66 0.89 0.00	46.64 1.09 0.00	52.10 1.17 0.00	49.69 1.02 0.00	47.31 1.02 0.00	40.12 0.79 0.00	38.47 0.61 0.00	36.56 0.40 0.00	36.12 0.36 0.00
ALBANY___LFGE 323615	31.89 0.81 0.00	30.55 0.80 0.00	29.63 0.86 0.00	29.43 0.86 0.00	29.91 0.81 0.00	30.67 0.57 0.00	36.46 0.75 0.00	39.17 0.92 0.00	39.46 1.00 0.00	37.18 0.80 0.00	40.58 1.14 0.00	40.15 1.21 0.00	39.15 1.14 0.00	39.16 1.10 0.00	39.38 1.19 0.00	40.01 1.24 0.00	47.05 1.50 0.00	52.51 1.58 0.00	50.13 1.46 0.00	47.68 1.39 0.00	40.47 1.14 0.00	38.85 0.98 0.00	36.85 0.69 0.00	36.44 0.68 0.00
ALCOA_PA_115KV_PL-6C 55860	31.42 0.34 0.00	30.28 0.54 0.00	29.25 0.49 0.00	29.06 0.49 0.00	29.57 0.47 0.00	30.52 0.42 0.00	36.00 0.29 0.00	38.18 -0.08 0.00	38.27 -0.19 0.00	36.45 0.07 0.00	39.36 -0.08 0.00	38.71 -0.23 0.00	37.86 -0.15 0.00	37.87 -0.19 0.00	37.93 -0.27 0.00	38.54 -0.23 0.00	45.28 -0.27 0.00	50.52 -0.41 0.00	48.47 -0.19 0.00	46.02 -0.28 0.00	39.13 -0.20 0.00	38.13 0.27 0.00	36.60 0.43 0.00	36.30 0.54 0.00
ALCOA_RYNLDS___DRP 24188	31.42 0.34 0.00	30.28 0.54 0.00	29.25 0.49 0.00	29.06 0.49 0.00	29.57 0.47 0.00	30.52 0.42 0.00	36.00 0.29 0.00	38.18 -0.08 0.00	38.27 -0.19 0.00	36.45 0.07 0.00	39.36 -0.08 0.00	38.71 -0.23 0.00	37.86 -0.15 0.00	37.87 -0.19 0.00	37.93 -0.27 0.00	38.54 -0.23 0.00	45.28 -0.27 0.00	50.52 -0.41 0.00	48.47 -0.19 0.00	46.02 -0.28 0.00	39.13 -0.20 0.00	38.13 0.27 0.00	36.60 0.43 0.00	36.30 0.54 0.00
ALCOA___DSASP 323711	31.42 0.34 0.00	30.28 0.54 0.00	29.25 0.49 0.00	29.06 0.49 0.00	29.56 0.46 0.00	30.64 0.54 0.00	35.99 0.28 0.00	38.22 -0.04 0.00	38.50 0.04 0.00	36.56 0.18 0.00	39.28 -0.16 0.00	38.71 -0.23 0.00	37.90 -0.11 0.00	37.90 -0.15 0.00	37.97 -0.23 0.00	38.54 -0.23 0.00	45.28 -0.27 0.00	50.58 -0.35 0.00	48.48 -0.19 0.00	46.02 -0.28 0.00	39.13 -0.20 0.00	37.98 0.11 0.00	36.60 0.44 0.00	36.30 0.54 0.00
ALLEGHENY___COGEN 23514	31.33 0.25 0.00	29.77 0.03 0.00	28.51 -0.26 0.00	28.32 -0.26 0.00	29.25 0.15 0.00	30.73 0.63 0.00	34.96 -0.75 0.00	37.84 -0.42 0.00	37.34 -1.12 0.00	34.78 -1.60 0.00	38.10 -1.34 0.00	37.50 -1.44 0.00	36.30 -1.71 0.00	36.76 -1.29 0.00	37.09 -1.11 0.00	37.80 -0.97 0.00	44.37 -1.18 0.00	50.06 -0.87 0.00	47.89 -0.78 0.00	45.28 -1.02 0.00	38.78 -0.55 0.00	36.92 -0.95 0.00	34.90 -1.27 0.00	34.55 -1.22 0.00
ALTAMONT_115KV_TB 2 55880	31.86 0.78 0.00	30.49 0.74 0.00	29.54 0.78 0.00	29.35 0.77 0.00	29.86 0.76 0.00	30.73 0.63 0.00	36.53 0.82 0.00	39.33 1.07 0.00	39.65 1.19 0.00	37.33 0.95 0.00	40.66 1.22 0.00	40.19 1.25 0.00	39.19 1.18 0.00	39.24 1.18 0.00	39.42 1.22 0.00	40.05 1.28 0.00	47.10 1.55 0.00	52.71 1.78 0.00	50.23 1.56 0.00	47.87 1.57 0.00	40.59 1.26 0.00	38.89 1.02 0.00	37.00 0.83 0.00	36.55 0.79 0.00
ALTONA_WT_PWR 323606	32.42 1.34 0.00	31.14 1.40 0.00	30.03 1.26 0.00	29.78 1.20 0.00	30.29 1.19 0.00	31.51 1.42 0.00	36.82 1.11 0.00	39.14 0.88 0.00	39.42 0.96 0.00	37.40 1.02 0.00	40.23 0.79 0.00	39.65 0.70 0.00	38.85 0.84 0.00	38.78 0.72 0.00	38.84 0.65 0.00	39.51 0.73 0.00	46.51 0.96 0.00	52.15 1.22 0.00	49.93 1.26 0.00	47.22 0.93 0.00	40.19 0.86 0.00	38.89 1.02 0.00	37.36 1.19 0.00	37.45 1.68 0.00
AMERICAN_REF_FUEL 24010	28.47 -2.61 0.00	27.13 -2.62 0.00	25.86 -2.90 0.00	25.69 -2.89 0.00	26.60 -2.50 0.00	27.96 -2.14 0.00	32.43 -3.28 0.00	34.81 -3.44 0.00	34.15 -4.31 0.00	32.01 -4.37 0.00	35.26 -4.18 0.00	34.82 -4.13 0.00	33.61 -4.41 0.00	34.25 -3.81 0.00	34.34 -3.86 0.00	34.82 -3.96 0.00	40.08 -5.47 0.00	44.97 -5.96 0.00	42.97 -5.69 0.00	40.65 -5.65 0.00	35.12 -4.21 0.00	33.47 -4.39 0.00	31.79 -4.38 0.00	31.62 -4.15 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.90 -1.18 0.00	28.46 -1.28 0.00	27.10 -1.67 0.00	26.98 -1.60 0.00	27.85 -1.25 0.00	29.26 -0.84 0.00	34.32 -1.39 0.00	36.84 -1.41 0.00	36.38 -2.08 0.00	34.16 -2.22 0.00	37.62 -1.81 0.00	37.19 -1.75 0.00	36.04 -1.98 0.00	36.65 -1.41 0.00	36.78 -1.41 0.00	37.30 -1.47 0.00	42.86 -2.69 0.00	48.33 -2.60 0.00	46.09 -2.58 0.00	43.52 -2.78 0.00	37.64 -1.69 0.00	35.82 -2.05 0.00	33.89 -2.28 0.00	33.73 -2.04 0.00
ARTHUR KILL_GT_1 23520	32.60 1.52 0.00	30.99 1.25 0.00	29.97 1.21 0.00	29.72 1.14 0.00	30.38 1.28 0.00	31.18 1.08 0.00	37.46 1.75 0.00	40.71 2.45 0.00	41.29 2.77 -0.06	38.64 2.26 0.00	42.20 2.76 0.00	41.74 2.81 0.00	40.81 2.74 -0.06	40.64 2.59 0.00	50.07 2.94 -8.93	46.13 2.99 -4.37	49.01 3.46 0.00	67.46 4.18 -12.35	150.05 3.70 -97.69	64.12 3.84 -13.99	52.59 2.99 -10.27	53.50 2.65 -12.98	38.41 2.24 0.00	38.08 2.29 -0.02
ARTHUR_KILL_2 23512	32.51 1.43 0.00	30.93 1.19 0.00	29.89 1.12 0.00	29.66 1.09 0.00	30.29 1.19 0.00	31.12 1.02 0.00	37.35 1.64 0.00	40.59 2.33 0.00	41.17 2.65 -0.06	38.53 2.15 0.00	42.08 2.64 0.00	41.66 2.73 0.00	40.69 2.62 -0.06	40.53 2.47 0.00	49.95 2.83 -8.93	46.01 2.87 -4.37	48.88 3.32 0.00	67.25 3.98 -12.35	149.86 3.51 -97.69	63.94 3.66 -13.99	52.47 2.87 -10.27	53.38 2.54 -12.98	38.30 2.13 0.00	37.93 2.15 -0.02
ARTHUR_KILL_3 23513	32.28 1.21 0.01	30.75 1.01 0.01	29.79 1.03 0.01	29.57 1.00 0.01	30.11 1.02 0.01	31.09 0.99 0.00	37.32 1.61 0.00	40.67 2.41 0.00	41.21 2.69 -0.06	38.68 2.29 0.00	42.20 2.76 0.00	41.79 2.84 0.00	40.81 2.74 -0.06	40.68 2.62 0.00	49.84 2.71 -8.94	45.90 2.75 -4.38	48.93 3.37 0.00	67.06 3.77 -12.36	149.57 3.21 -97.69	63.76 3.47 -13.99	52.36 2.75 -10.28	53.23 2.39 -12.98	38.08 1.92 0.00	37.60 1.82 -0.01

ARTHUR_KILL_COGEN 323718	32.60 1.52 0.00	30.99 1.25 0.00	29.97 1.21 0.00	29.72 1.14 0.00	30.38 1.28 0.00	31.18 1.08 0.00	37.46 1.75 0.00	40.71 2.45 0.00	41.29 2.77 -0.06	38.64 2.26 0.00	42.20 2.76 0.00	41.74 2.81 0.00	40.81 2.74 -0.06	40.64 2.59 0.00	50.07 2.94 -8.93	46.13 2.99 -4.37	49.01 3.46 0.00	67.46 4.18 -12.35	150.05 3.70 -97.69	64.12 3.84 -13.99	52.59 2.99 -10.27	53.50 2.65 -12.98	38.41 2.24 0.00	38.08 2.29 -0.02
ASHOKAN____ 23654	32.63 1.55 0.00	31.14 1.40 0.00	30.15 1.38 0.00	29.98 1.40 0.00	30.23 1.13 0.00	30.97 0.87 0.00	36.99 1.28 0.00	39.25 0.99 0.00	39.50 1.04 0.00	36.89 0.51 0.00	40.23 0.79 0.00	39.95 1.01 0.00	38.89 0.88 0.00	38.89 0.84 0.00	39.15 0.96 0.00	39.90 1.13 0.00	46.92 1.37 0.00	52.66 1.73 0.00	50.47 1.80 0.00	47.91 1.62 0.00	40.67 1.34 0.00	38.89 1.02 0.00	37.18 1.01 0.00	36.88 1.11 0.00
ASTORIA_EAST_ENERGY_CC1 323581	32.39 1.31 0.00	30.78 1.04 0.00	29.80 1.03 0.00	29.55 0.97 0.00	30.15 1.05 0.00	30.91 0.81 0.00	37.06 1.36 0.01	40.47 2.22 0.01	41.10 2.65 0.01	38.59 2.22 0.01	42.11 2.68 0.01	41.70 2.77 0.01	40.67 2.66 0.01	40.60 2.55 0.01	40.94 2.75 0.01	41.56 2.79 0.01	48.87 3.32 0.01	54.79 3.87 0.01	52.02 3.36 0.01	49.80 3.52 0.01	42.07 2.75 0.01	40.20 2.35 0.01	38.01 1.84 0.00	37.73 1.97 0.00
ASTORIA_EAST_ENERGY_CC2 323582	32.39 1.31 0.00	30.78 1.04 0.00	29.80 1.03 0.00	29.55 0.97 0.00	30.15 1.05 0.00	30.91 0.81 0.00	37.06 1.36 0.01	40.47 2.22 0.01	41.10 2.65 0.01	38.59 2.22 0.01	42.11 2.68 0.01	41.70 2.77 0.01	40.67 2.66 0.01	40.60 2.55 0.01	40.94 2.75 0.01	41.56 2.79 0.01	48.87 3.32 0.01	54.79 3.87 0.01	52.02 3.36 0.01	49.80 3.52 0.01	42.07 2.75 0.01	40.20 2.35 0.01	38.01 1.84 0.00	37.73 1.97 0.00
ASTORIA_GT2_1 24094	32.39 1.31 0.00	30.81 1.07 0.00	29.83 1.06 0.00	29.69 1.11 0.00	30.18 1.08 0.00	31.00 0.90 0.00	37.10 1.39 0.00	40.51 2.26 0.00	41.23 2.77 0.00	38.67 2.29 0.00	42.16 2.72 0.00	41.75 2.80 0.00	40.75 2.74 0.00	40.64 2.59 0.00	40.98 2.79 0.00	41.60 2.83 0.00	48.88 3.33 0.00	54.85 3.92 0.00	52.03 3.36 0.00	49.86 3.56 0.00	42.08 2.75 0.00	40.10 2.23 0.00	38.01 1.84 0.00	37.77 2.00 0.00
ASTORIA_GT2_2 24095	32.39 1.31 0.00	30.81 1.07 0.00	29.83 1.06 0.00	29.69 1.11 0.00	30.18 1.08 0.00	31.00 0.90 0.00	37.10 1.39 0.00	40.51 2.26 0.00	41.23 2.77 0.00	38.67 2.29 0.00	42.16 2.72 0.00	41.75 2.80 0.00	40.75 2.74 0.00	40.64 2.59 0.00	40.98 2.79 0.00	41.60 2.83 0.00	48.88 3.33 0.00	54.85 3.92 0.00	52.03 3.36 0.00	49.86 3.56 0.00	42.08 2.75 0.00	40.10 2.23 0.00	38.01 1.84 0.00	37.77 2.00 0.00
ASTORIA_GT2_3 24096	32.39 1.31 0.00	30.81 1.07 0.00	29.83 1.06 0.00	29.69 1.11 0.00	30.18 1.08 0.00	31.00 0.90 0.00	37.10 1.39 0.00	40.51 2.26 0.00	41.23 2.77 0.00	38.67 2.29 0.00	42.16 2.72 0.00	41.75 2.80 0.00	40.75 2.74 0.00	40.64 2.59 0.00	40.98 2.79 0.00	41.60 2.83 0.00	48.88 3.33 0.00	54.85 3.92 0.00	52.03 3.36 0.00	49.86 3.56 0.00	42.08 2.75 0.00	40.10 2.23 0.00	38.01 1.84 0.00	37.77 2.00 0.00
ASTORIA_GT2_4 24097	32.39 1.31 0.00	30.81 1.07 0.00	29.83 1.06 0.00	29.69 1.11 0.00	30.18 1.08 0.00	31.00 0.90 0.00	37.10 1.39 0.00	40.51 2.26 0.00	41.23 2.77 0.00	38.67 2.29 0.00	42.16 2.72 0.00	41.75 2.80 0.00	40.75 2.74 0.00	40.64 2.59 0.00	40.98 2.79 0.00	41.60 2.83 0.00	48.88 3.33 0.00	54.85 3.92 0.00	52.03 3.36 0.00	49.86 3.56 0.00	42.08 2.75 0.00	40.10 2.23 0.00	38.01 1.84 0.00	37.77 2.00 0.00
ASTORIA_GT3_1 24098	32.39 1.31 0.00	30.81 1.07 0.00	29.83 1.06 0.00	29.69 1.11 0.00	30.18 1.08 0.00	31.00 0.90 0.00	37.10 1.39 0.00	40.51 2.26 0.00	41.23 2.77 0.00	38.67 2.29 0.00	42.16 2.72 0.00	41.75 2.80 0.00	40.75 2.74 0.00	40.64 2.59 0.00	40.98 2.79 0.00	41.60 2.83 0.00	48.88 3.33 0.00	54.85 3.92 0.00	52.03 3.36 0.00	49.86 3.56 0.00	42.08 2.75 0.00	40.10 2.23 0.00	38.01 1.84 0.00	37.77 2.00 0.00
ASTORIA_GT3_2 24099	32.39 1.31 0.00	30.81 1.07 0.00	29.83 1.06 0.00	29.69 1.11 0.00	30.18 1.08 0.00	31.00 0.90 0.00	37.10 1.39 0.00	40.51 2.26 0.00	41.23 2.77 0.00	38.67 2.29 0.00	42.16 2.72 0.00	41.75 2.80 0.00	40.75 2.74 0.00	40.64 2.59 0.00	40.98 2.79 0.00	41.60 2.83 0.00	48.88 3.33 0.00	54.85 3.92 0.00	52.03 3.36 0.00	49.86 3.56 0.00	42.08 2.75 0.00	40.10 2.23 0.00	38.01 1.84 0.00	37.77 2.00 0.00
ASTORIA_GT3_3 24100	32.39 1.31 0.00	30.81 1.07 0.00	29.83 1.06 0.00	29.69 1.11 0.00	30.18 1.08 0.00	31.00 0.90 0.00	37.10 1.39 0.00	40.51 2.26 0.00	41.23 2.77 0.00	38.67 2.29 0.00	42.16 2.72 0.00	41.75 2.80 0.00	40.75 2.74 0.00	40.64 2.59 0.00	40.98 2.79 0.00	41.60 2.83 0.00	48.88 3.33 0.00	54.85 3.92 0.00	52.03 3.36 0.00	49.86 3.56 0.00	42.08 2.75 0.00	40.10 2.23 0.00	38.01 1.84 0.00	37.77 2.00 0.00
ASTORIA_GT3_4 24101	32.39 1.31 0.00	30.81 1.07 0.00	29.83 1.06 0.00	29.69 1.11 0.00	30.18 1.08 0.00	31.00 0.90 0.00	37.10 1.39 0.00	40.51 2.26 0.00	41.23 2.77 0.00	38.67 2.29 0.00	42.16 2.72 0.00	41.75 2.80 0.00	40.75 2.74 0.00	40.64 2.59 0.00	40.98 2.79 0.00	41.60 2.83 0.00	48.88 3.33 0.00	54.85 3.92 0.00	52.03 3.36 0.00	49.86 3.56 0.00	42.08 2.75 0.00	40.10 2.23 0.00	38.01 1.84 0.00	37.77 2.00 0.00
ASTORIA_GT4_1 24102	32.39 1.31 0.00	30.81 1.07 0.00	29.83 1.06 0.00	29.69 1.11 0.00	30.18 1.08 0.00	31.00 0.90 0.00	37.10 1.39 0.00	40.51 2.26 0.00	41.23 2.77 0.00	38.67 2.29 0.00	42.16 2.72 0.00	41.75 2.80 0.00	40.75 2.74 0.00	40.64 2.59 0.00	40.98 2.79 0.00	41.60 2.83 0.00	48.88 3.33 0.00	54.85 3.92 0.00	52.03 3.36 0.00	49.86 3.56 0.00	42.08 2.75 0.00	40.10 2.23 0.00	38.01 1.84 0.00	37.77 2.00 0.00
ASTORIA_GT4_2 24103	32.39 1.31 0.00	30.81 1.07 0.00	29.83 1.06 0.00	29.69 1.11 0.00	30.18 1.08 0.00	31.00 0.90 0.00	37.10 1.39 0.00	40.51 2.26 0.00	41.23 2.77 0.00	38.67 2.29 0.00	42.16 2.72 0.00	41.75 2.80 0.00	40.75 2.74 0.00	40.64 2.59 0.00	40.98 2.79 0.00	41.60 2.83 0.00	48.88 3.33 0.00	54.85 3.92 0.00	52.03 3.36 0.00	49.86 3.56 0.00	42.08 2.75 0.00	40.10 2.23 0.00	38.01 1.84 0.00	37.77 2.00 0.00
ASTORIA_GT4_3 24104	32.39 1.31 0.00	30.81 1.07 0.00	29.83 1.06 0.00	29.69 1.11 0.00	30.18 1.08 0.00	31.00 0.90 0.00	37.10 1.39 0.00	40.51 2.26 0.00	41.23 2.77 0.00	38.67 2.29 0.00	42.16 2.72 0.00	41.75 2.80 0.00	40.75 2.74 0.00	40.64 2.59 0.00	40.98 2.79 0.00	41.60 2.83 0.00	48.88 3.33 0.00	54.85 3.92 0.00	52.03 3.36 0.00	49.86 3.56 0.00	42.08 2.75 0.00	40.10 2.23 0.00	38.01 1.84 0.00	37.77 2.00 0.00

ASTORIA_GT4_4 24105	32.39 1.31 0.00	30.81 1.07 0.00	29.83 1.06 0.00	29.69 1.11 0.00	30.18 1.08 0.00	31.00 0.90 0.00	37.10 1.39 0.00	40.51 2.26 0.00	41.23 2.77 0.00	38.67 2.29 0.00	42.16 2.72 0.00	41.75 2.80 0.00	40.75 2.74 0.00	40.64 2.59 0.00	40.98 2.79 0.00	41.60 2.83 0.00	48.88 3.33 0.00	54.85 3.92 0.00	52.03 3.36 0.00	49.86 3.56 0.00	42.08 2.75 0.00	40.10 2.23 0.00	38.01 1.84 0.00	37.77 2.00 0.00
ASTORIA_GT_1 23523	32.45 1.37 0.00	30.84 1.10 0.00	29.86 1.09 0.00	29.61 1.03 0.00	30.21 1.11 0.00	30.97 0.87 0.00	37.13 1.43 0.01	40.54 2.30 0.01	41.22 2.77 0.01	38.67 2.29 0.01	42.23 2.80 0.01	41.82 2.88 0.01	40.78 2.77 0.01	40.67 2.62 0.01	41.05 2.87 0.01	41.67 2.91 0.01	48.96 3.42 0.01	54.94 4.02 0.01	52.17 3.51 0.01	49.94 3.66 0.01	42.19 2.87 0.01	40.31 2.46 0.01	38.08 1.92 0.00	37.80 2.04 0.00
ASTORIA_GT_10 24110	32.48 1.40 0.00	30.93 1.19 0.00	29.94 1.18 0.00	29.78 1.20 0.00	30.32 1.22 0.00	31.21 1.11 0.00	37.39 1.68 0.00	40.74 2.49 0.00	41.42 2.96 0.00	38.82 2.44 0.00	42.35 2.92 0.00	41.94 3.00 0.00	40.90 2.89 0.00	40.83 2.78 0.00	41.17 2.98 0.00	41.76 2.99 0.00	49.06 3.51 0.00	55.05 4.13 0.00	52.17 3.50 0.00	50.00 3.70 0.00	42.24 2.91 0.00	40.36 2.50 0.00	38.26 2.10 0.00	37.91 2.15 0.00
ASTORIA_GT_11 24225	32.48 1.40 0.00	30.93 1.19 0.00	29.94 1.18 0.00	29.78 1.20 0.00	30.32 1.22 0.00	31.21 1.11 0.00	37.39 1.68 0.00	40.74 2.49 0.00	41.42 2.96 0.00	38.82 2.44 0.00	42.35 2.92 0.00	41.94 3.00 0.00	40.90 2.89 0.00	40.83 2.78 0.00	41.17 2.98 0.00	41.76 2.99 0.00	49.06 3.51 0.00	55.05 4.13 0.00	52.17 3.50 0.00	50.00 3.70 0.00	42.24 2.91 0.00	40.36 2.50 0.00	38.26 2.10 0.00	37.91 2.15 0.00
ASTORIA_GT_12 24226	32.48 1.40 0.00	30.93 1.19 0.00	29.94 1.18 0.00	29.78 1.20 0.00	30.32 1.22 0.00	31.21 1.11 0.00	37.39 1.68 0.00	40.74 2.49 0.00	41.42 2.96 0.00	38.82 2.44 0.00	42.35 2.92 0.00	41.94 3.00 0.00	40.90 2.89 0.00	40.83 2.78 0.00	41.17 2.98 0.00	41.76 2.99 0.00	49.06 3.51 0.00	55.05 4.13 0.00	52.17 3.50 0.00	50.00 3.70 0.00	42.24 2.91 0.00	40.36 2.50 0.00	38.26 2.10 0.00	37.91 2.15 0.00
ASTORIA_GT_13 24227	32.48 1.40 0.00	30.93 1.19 0.00	29.94 1.18 0.00	29.78 1.20 0.00	30.32 1.22 0.00	31.21 1.11 0.00	37.39 1.68 0.00	40.74 2.49 0.00	41.42 2.96 0.00	38.82 2.44 0.00	42.35 2.92 0.00	41.94 3.00 0.00	40.90 2.89 0.00	40.83 2.78 0.00	41.17 2.98 0.00	41.76 2.99 0.00	49.06 3.51 0.00	55.05 4.13 0.00	52.17 3.50 0.00	50.00 3.70 0.00	42.24 2.91 0.00	40.36 2.50 0.00	38.26 2.10 0.00	37.91 2.15 0.00
ASTORIA_GT_5 24106	32.45 1.37 0.00	30.84 1.10 0.00	29.86 1.09 0.00	29.72 1.14 0.00	30.23 1.13 0.00	31.03 0.93 0.00	37.14 1.43 0.00	40.59 2.33 0.00	41.35 2.88 0.00	38.75 2.36 0.00	42.24 2.80 0.00	41.83 2.88 0.00	40.83 2.81 0.00	40.72 2.66 0.00	41.06 2.86 0.00	41.68 2.91 0.00	48.97 3.42 0.00	55.00 4.07 0.00	52.12 3.46 0.00	49.95 3.66 0.00	42.16 2.83 0.00	40.17 2.31 0.00	38.05 1.88 0.00	37.80 2.04 0.00
ASTORIA_GT_7 24107	32.45 1.37 0.00	30.84 1.10 0.00	29.86 1.09 0.00	29.72 1.14 0.00	30.23 1.13 0.00	31.03 0.93 0.00	37.14 1.43 0.00	40.59 2.33 0.00	41.35 2.88 0.00	38.75 2.36 0.00	42.24 2.80 0.00	41.83 2.88 0.00	40.83 2.81 0.00	40.72 2.66 0.00	41.06 2.86 0.00	41.68 2.91 0.00	48.97 3.42 0.00	55.00 4.07 0.00	52.12 3.46 0.00	49.95 3.66 0.00	42.16 2.83 0.00	40.17 2.31 0.00	38.05 1.88 0.00	37.80 2.04 0.00
ASTORIA_GT_8 24108	32.45 1.37 0.00	30.84 1.10 0.00	29.86 1.09 0.00	29.72 1.14 0.00	30.23 1.13 0.00	31.03 0.93 0.00	37.14 1.43 0.00	40.59 2.33 0.00	41.35 2.88 0.00	38.75 2.36 0.00	42.24 2.80 0.00	41.83 2.88 0.00	40.83 2.81 0.00	40.72 2.66 0.00	41.06 2.86 0.00	41.68 2.91 0.00	48.97 3.42 0.00	55.00 4.07 0.00	52.12 3.46 0.00	49.95 3.66 0.00	42.16 2.83 0.00	40.17 2.31 0.00	38.05 1.88 0.00	37.80 2.04 0.00
ASTORIA___2 24149	32.39 1.31 0.00	30.81 1.07 0.00	29.80 1.03 0.00	29.58 1.00 0.00	30.15 1.05 0.00	30.94 0.84 0.00	37.09 1.39 0.01	40.47 2.22 0.01	41.14 2.69 0.01	38.59 2.22 0.01	42.15 2.72 0.01	41.74 2.81 0.01	40.71 2.70 0.01	40.60 2.55 0.01	40.97 2.79 0.01	41.59 2.83 0.01	48.87 3.32 0.01	54.84 3.92 0.01	52.07 3.41 0.01	49.85 3.56 0.01	42.11 2.79 0.01	40.24 2.39 0.01	38.05 1.88 0.00	37.77 2.00 0.00
ASTORIA___3 23516	32.48 1.40 0.00	30.93 1.19 0.00	29.94 1.18 0.00	29.69 1.11 0.00	30.29 1.19 0.00	31.15 1.05 0.00	37.39 1.68 0.00	40.74 2.49 0.00	41.31 2.85 0.00	38.74 2.36 0.00	42.31 2.88 0.00	41.90 2.96 0.00	40.90 2.89 0.00	40.80 2.74 0.00	41.14 2.94 0.00	41.76 2.99 0.00	49.06 3.51 0.00	55.00 4.08 0.00	52.22 3.55 0.00	50.00 3.71 0.00	42.28 2.95 0.00	40.51 2.65 0.00	38.30 2.13 0.00	37.91 2.15 0.00
ASTORIA___4 23517	32.48 1.40 0.00	30.93 1.19 0.00	29.94 1.18 0.00	29.78 1.20 0.00	30.32 1.22 0.00	31.21 1.11 0.00	37.39 1.68 0.00	40.74 2.49 0.00	41.42 2.96 0.00	38.82 2.44 0.00	42.35 2.92 0.00	41.94 3.00 0.00	40.90 2.89 0.00	40.83 2.78 0.00	41.17 2.98 0.00	41.76 2.99 0.00	49.06 3.51 0.00	55.05 4.13 0.00	52.17 3.50 0.00	50.00 3.70 0.00	42.24 2.91 0.00	40.36 2.50 0.00	38.26 2.10 0.00	37.91 2.15 0.00
ASTORIA___5 23518	32.48 1.40 0.00	30.93 1.19 0.00	29.94 1.18 0.00	29.69 1.11 0.00	30.29 1.19 0.00	31.15 1.05 0.00	37.39 1.68 0.00	40.74 2.49 0.00	41.31 2.85 0.00	38.74 2.36 0.00	42.31 2.88 0.00	41.90 2.96 0.00	40.90 2.89 0.00	40.80 2.74 0.00	41.14 2.94 0.00	41.76 2.99 0.00	49.06 3.51 0.00	55.00 4.08 0.00	52.22 3.55 0.00	50.00 3.71 0.00	42.28 2.95 0.00	40.51 2.65 0.00	38.30 2.13 0.00	37.91 2.15 0.00
AST_ENERGY_2_CC3 323677	32.39 1.31 0.00	30.87 1.13 0.00	29.92 1.15 0.00	29.69 1.11 0.00	30.23 1.13 0.00	31.18 1.08 0.00	37.42 1.71 0.00	40.74 2.49 0.00	41.19 2.73 0.00	38.71 2.33 0.00	42.24 2.80 0.00	41.83 2.88 0.00	40.75 2.74 0.00	40.72 2.66 0.00	40.95 2.75 0.00	41.57 2.79 0.00	48.97 3.42 0.00	54.80 3.87 0.00	52.02 3.36 0.00	49.86 3.56 0.00	42.12 2.79 0.00	40.32 2.46 0.00	38.19 2.02 0.00	37.70 1.93 0.00
AST_ENERGY_2_CC4 323678	32.39 1.31 0.00	30.87 1.13 0.00	29.92 1.15 0.00	29.69 1.11 0.00	30.23 1.13 0.00	31.18 1.08 0.00	37.42 1.71 0.00	40.74 2.49 0.00	41.19 2.73 0.00	38.71 2.33 0.00	42.24 2.80 0.00	41.83 2.88 0.00	40.75 2.74 0.00	40.72 2.66 0.00	40.95 2.75 0.00	41.57 2.79 0.00	48.97 3.42 0.00	54.80 3.87 0.00	52.02 3.36 0.00	49.86 3.56 0.00	42.12 2.79 0.00	40.32 2.46 0.00	38.19 2.02 0.00	37.70 1.93 0.00

ATHENS_STG_1 23668	31.98 0.90 0.00	30.57 0.83 0.00	29.63 0.86 0.00	29.43 0.86 0.00	29.91 0.81 0.00	30.85 0.75 0.00	36.78 1.07 0.00	39.71 1.45 0.00	40.04 1.58 0.00	37.69 1.31 0.00	41.09 1.66 0.00	40.66 1.71 0.00	39.61 1.60 0.00	39.62 1.56 0.00	39.84 1.64 0.00	40.44 1.67 0.00	47.55 2.00 0.00	53.22 2.29 0.00	50.71 2.04 0.00	48.38 2.09 0.00	41.02 1.69 0.00	39.30 1.44 0.00	37.32 1.16 0.00	36.84 1.07 0.00
ATHENS_STG_2 23670	31.98 0.90 0.00	30.57 0.83 0.00	29.63 0.86 0.00	29.43 0.86 0.00	29.91 0.81 0.00	30.85 0.75 0.00	36.78 1.07 0.00	39.71 1.45 0.00	40.04 1.58 0.00	37.69 1.31 0.00	41.09 1.66 0.00	40.66 1.71 0.00	39.61 1.60 0.00	39.62 1.56 0.00	39.84 1.64 0.00	40.44 1.67 0.00	47.55 2.00 0.00	53.22 2.29 0.00	50.71 2.04 0.00	48.38 2.09 0.00	41.02 1.69 0.00	39.30 1.44 0.00	37.32 1.16 0.00	36.84 1.07 0.00
ATHENS_STG_3 23677	31.98 0.90 0.00	30.57 0.83 0.00	29.63 0.86 0.00	29.43 0.86 0.00	29.91 0.81 0.00	30.85 0.75 0.00	36.78 1.07 0.00	39.71 1.45 0.00	40.04 1.58 0.00	37.69 1.31 0.00	41.09 1.66 0.00	40.66 1.71 0.00	39.61 1.60 0.00	39.62 1.56 0.00	39.84 1.64 0.00	40.44 1.67 0.00	47.55 2.00 0.00	53.22 2.29 0.00	50.71 2.04 0.00	48.38 2.09 0.00	41.02 1.69 0.00	39.30 1.44 0.00	37.32 1.16 0.00	36.84 1.07 0.00
AUBURN___LFGE 323710	30.86 -0.22 0.00	29.48 -0.27 0.00	28.42 -0.35 0.00	28.26 -0.31 0.00	28.84 -0.26 0.00	30.10 0.00 0.00	35.67 -0.04 0.00	38.49 0.23 0.00	38.69 0.23 0.00	36.49 0.11 0.00	39.55 0.12 0.00	39.10 0.16 0.00	38.05 0.04 0.00	38.17 0.11 0.00	38.35 0.15 0.00	38.89 0.12 0.00	45.69 0.14 0.00	51.29 0.36 0.00	48.96 0.29 0.00	46.43 0.14 0.00	39.53 0.20 0.00	37.71 -0.15 0.00	35.91 -0.25 0.00	35.48 -0.29 0.00
BABYLON_RES_REC 323704	41.29 2.11 -8.09	37.44 1.93 -5.77	33.75 1.90 -3.09	32.29 1.86 -1.86	33.12 1.89 -2.13	38.27 1.90 -6.27	47.74 2.64 -9.39	52.23 3.52 -10.46	51.60 3.73 -9.41	53.44 3.28 -13.79	67.06 3.87 -23.75	69.18 3.89 -26.35	63.74 3.73 -22.00	63.25 3.69 -21.50	60.24 3.78 -18.26	67.88 3.88 -25.23	71.44 4.69 -21.20	89.13 5.40 -32.80	88.63 4.87 -35.09	74.92 4.86 -23.77	67.80 3.97 -24.49	61.48 3.52 -20.10	54.59 2.89 -15.53	52.23 2.79 -13.67
BABYLON__69_KV_BK2 356345	41.69 2.52 -8.09	37.80 2.29 -5.77	34.09 2.24 -3.09	32.66 2.23 -1.86	33.50 2.27 -2.13	38.69 2.32 -6.27	48.21 3.11 -9.39	52.77 4.06 -10.46	52.26 4.38 -9.41	54.03 3.86 -13.79	67.57 4.38 -23.75	69.73 4.44 -26.35	64.31 4.30 -22.00	63.78 4.22 -21.50	60.81 4.35 -18.26	68.46 4.46 -25.23	72.03 5.28 -21.20	89.99 6.26 -32.80	89.41 5.65 -35.09	75.62 5.56 -23.77	68.35 4.52 -24.49	61.90 3.94 -20.10	55.06 3.36 -15.53	52.62 3.18 -13.67
BALL_HILL_WT_PWR 323825	29.68 -1.40 0.00	28.29 -1.46 0.00	26.95 -1.81 0.00	26.78 -1.80 0.00	27.73 -1.37 0.00	29.14 -0.96 0.00	34.03 -1.68 0.00	36.50 -1.76 0.00	35.96 -2.50 0.00	33.73 -2.65 0.00	37.11 -2.33 0.00	36.65 -2.30 0.00	35.43 -2.59 0.00	36.04 -2.02 0.00	36.13 -2.06 0.00	36.60 -2.17 0.00	42.23 -3.32 0.00	47.46 -3.46 0.00	45.26 -3.41 0.00	42.82 -3.47 0.00	37.01 -2.32 0.00	35.25 -2.61 0.00	33.38 -2.78 0.00	33.23 -2.54 0.00
BARON_WINDS___WT_PWR 323822	30.49 -0.59 0.00	29.06 -0.68 0.00	27.82 -0.95 0.00	27.66 -0.92 0.00	28.52 -0.58 0.00	29.86 -0.24 0.00	35.03 -0.68 0.00	37.64 -0.61 0.00	37.31 -1.15 0.00	35.07 -1.31 0.00	38.41 -1.03 0.00	37.89 -1.05 0.00	36.80 -1.22 0.00	37.18 -0.87 0.00	37.35 -0.84 0.00	37.92 -0.85 0.00	44.23 -1.32 0.00	49.76 -1.17 0.00	47.45 -1.21 0.00	44.95 -1.34 0.00	38.62 -0.71 0.00	36.88 -0.98 0.00	34.94 -1.23 0.00	34.69 -1.07 0.00
BARRETT_IC_1 23704	41.01 1.83 -8.09	37.14 1.63 -5.77	33.46 1.61 -3.09	32.01 1.57 -1.86	32.83 1.60 -2.13	37.97 1.59 -6.27	47.31 2.21 -9.39	51.58 2.87 -10.46	50.95 3.08 -9.41	52.79 2.62 -13.79	66.23 3.04 -23.75	68.41 3.12 -26.35	62.98 2.97 -22.00	62.44 2.89 -21.50	59.43 2.98 -18.25	67.06 3.06 -25.22	70.48 3.74 -21.19	87.95 4.22 -32.80	87.51 3.75 -35.09	73.86 3.80 -23.77	66.92 3.11 -24.49	60.72 2.76 -20.09	53.98 2.28 -15.53	51.73 2.29 -13.67
BARRETT_IC_10 23701	41.01 1.83 -8.09	37.14 1.63 -5.77	33.46 1.61 -3.09	32.01 1.57 -1.86	32.83 1.60 -2.13	37.97 1.59 -6.27	47.31 2.21 -9.39	51.58 2.87 -10.46	50.95 3.08 -9.41	52.79 2.62 -13.79	66.23 3.04 -23.75	68.41 3.12 -26.35	62.98 2.97 -22.00	62.44 2.89 -21.50	59.43 2.98 -18.25	67.06 3.06 -25.22	70.48 3.74 -21.19	87.95 4.22 -32.80	87.51 3.75 -35.09	73.86 3.80 -23.77	66.92 3.11 -24.49	60.72 2.76 -20.09	53.98 2.28 -15.53	51.73 2.29 -13.67
BARRETT_IC_11 23702	41.01 1.83 -8.09	37.14 1.63 -5.77	33.46 1.61 -3.09	32.01 1.57 -1.86	32.83 1.60 -2.13	37.97 1.59 -6.27	47.31 2.21 -9.39	51.58 2.87 -10.46	50.95 3.08 -9.41	52.79 2.62 -13.79	66.23 3.04 -23.75	68.41 3.12 -26.35	62.98 2.97 -22.00	62.44 2.89 -21.50	59.43 2.98 -18.25	67.06 3.06 -25.22	70.48 3.74 -21.19	87.95 4.22 -32.80	87.51 3.75 -35.09	73.86 3.80 -23.77	66.92 3.11 -24.49	60.72 2.76 -20.09	53.98 2.28 -15.53	51.73 2.29 -13.67
BARRETT_IC_12 23703	41.01 1.83 -8.09	37.14 1.63 -5.77	33.46 1.61 -3.09	32.01 1.57 -1.86	32.83 1.60 -2.13	37.97 1.59 -6.27	47.31 2.21 -9.39	51.58 2.87 -10.46	50.95 3.08 -9.41	52.79 2.62 -13.79	66.23 3.04 -23.75	68.41 3.12 -26.35	62.98 2.97 -22.00	62.44 2.89 -21.50	59.43 2.98 -18.25	67.06 3.06 -25.22	70.48 3.74 -21.19	87.95 4.22 -32.80	87.51 3.75 -35.09	73.86 3.80 -23.77	66.92 3.11 -24.49	60.72 2.76 -20.09	53.98 2.28 -15.53	51.73 2.29 -13.67
BARRETT_IC_2 23705	41.01 1.83 -8.09	37.14 1.63 -5.77	33.46 1.61 -3.09	32.01 1.57 -1.86	32.83 1.60 -2.13	37.97 1.59 -6.27	47.31 2.21 -9.39	51.58 2.87 -10.46	50.95 3.08 -9.41	52.79 2.62 -13.79	66.23 3.04 -23.75	68.41 3.12 -26.35	62.98 2.97 -22.00	62.44 2.89 -21.50	59.43 2.98 -18.25	67.06 3.06 -25.22	70.48 3.74 -21.19	87.95 4.22 -32.80	87.51 3.75 -35.09	73.86 3.80 -23.77	66.92 3.11 -24.49	60.72 2.76 -20.09	53.98 2.28 -15.53	51.73 2.29 -13.67
BARRETT_IC_3 23706	41.01 1.83 -8.09	37.14 1.63 -5.77	33.46 1.61 -3.09	32.01 1.57 -1.86	32.83 1.60 -2.13	37.97 1.59 -6.27	47.31 2.21 -9.39	51.58 2.87 -10.46	50.95 3.08 -9.41	52.79 2.62 -13.79	66.23 3.04 -23.75	68.41 3.12 -26.35	62.98 2.97 -22.00	62.44 2.89 -21.50	59.43 2.98 -18.25	67.06 3.06 -25.22	70.48 3.74 -21.19	87.95 4.22 -32.80	87.51 3.75 -35.09	73.86 3.80 -23.77	66.92 3.11 -24.49	60.72 2.76 -20.09	53.98 2.28 -15.53	51.73 2.29 -13.67
BARRETT_IC_4 23707	41.01 1.83 -8.09	37.14 1.63 -5.77	33.46 1.61 -3.09	32.01 1.57 -1.86	32.83 1.60 -2.13	37.97 1.59 -6.27	47.31 2.21 -9.39	51.58 2.87 -10.46	50.95 3.08 -9.41	52.79 2.62 -13.79	66.23 3.04 -23.75	68.41 3.12 -26.35	62.98 2.97 -22.00	62.44 2.89 -21.50	59.43 2.98 -18.25	67.06 3.06 -25.22	70.48 3.74 -21.19	87.95 4.22 -32.80	87.51 3.75 -35.09	73.86 3.80 -23.77	66.92 3.11 -24.49	60.72 2.76 -20.09	53.98 2.28 -15.53	51.73 2.29 -13.67

BARRETT_IC_5 23708	41.01 1.83 -8.09	37.14 1.63 -5.77	33.46 1.61 -3.09	32.01 1.57 -1.86	32.83 1.60 -2.13	37.97 1.59 -6.27	47.31 2.21 -9.39	51.58 2.87 -10.46	50.95 3.08 -9.41	52.79 2.62 -13.79	66.23 3.04 -23.75	68.41 3.12 -26.35	62.98 2.97 -22.00	62.44 2.89 -21.50	59.43 2.98 -18.25	67.06 3.06 -25.22	70.48 3.74 -21.19	87.95 4.22 -32.80	87.51 3.75 -35.09	73.86 3.80 -23.77	66.92 3.11 -24.49	60.72 2.76 -20.09	53.98 2.28 -15.53	51.73 2.29 -13.67
BARRETT_IC_6 23709	41.01 1.83 -8.09	37.14 1.63 -5.77	33.46 1.61 -3.09	32.01 1.57 -1.86	32.83 1.60 -2.13	37.97 1.59 -6.27	47.31 2.21 -9.39	51.58 2.87 -10.46	50.95 3.08 -9.41	52.79 2.62 -13.79	66.23 3.04 -23.75	68.41 3.12 -26.35	62.98 2.97 -22.00	62.44 2.89 -21.50	59.43 2.98 -18.25	67.06 3.06 -25.22	70.48 3.74 -21.19	87.95 4.22 -32.80	87.51 3.75 -35.09	73.86 3.80 -23.77	66.92 3.11 -24.49	60.72 2.76 -20.09	53.98 2.28 -15.53	51.73 2.29 -13.67
BARRETT_IC_7 23710	41.01 1.83 -8.09	37.14 1.64 -5.77	33.46 1.61 -3.09	32.04 1.60 -1.86	32.86 1.63 -2.13	38.03 1.66 -6.27	47.31 2.21 -9.39	51.58 2.87 -10.46	51.06 3.19 -9.41	52.86 2.69 -13.79	66.19 3.00 -23.75	68.41 3.12 -26.35	62.98 2.97 -22.00	62.48 2.93 -21.50	59.47 3.02 -18.25	67.06 3.06 -25.22	70.48 3.74 -21.19	88.01 4.28 -32.80	87.51 3.75 -35.09	73.86 3.80 -23.77	66.93 3.11 -24.49	60.57 2.61 -20.09	53.98 2.28 -15.53	51.73 2.29 -13.67
BARRETT_IC_8 23711	41.01 1.83 -8.09	37.14 1.63 -5.77	33.46 1.61 -3.09	32.01 1.57 -1.86	32.83 1.60 -2.13	37.97 1.59 -6.27	47.31 2.21 -9.39	51.58 2.87 -10.46	50.95 3.08 -9.41	52.79 2.62 -13.79	66.23 3.04 -23.75	68.41 3.12 -26.35	62.98 2.97 -22.00	62.44 2.89 -21.50	59.43 2.98 -18.25	67.06 3.06 -25.22	70.48 3.74 -21.19	87.95 4.22 -32.80	87.51 3.75 -35.09	73.86 3.80 -23.77	66.92 3.11 -24.49	60.72 2.76 -20.09	53.98 2.28 -15.53	51.73 2.29 -13.67
BARRETT_IC_9 23700	41.01 1.83 -8.09	37.14 1.63 -5.77	33.46 1.61 -3.09	32.01 1.57 -1.86	32.83 1.60 -2.13	37.97 1.59 -6.27	47.31 2.21 -9.39	51.58 2.87 -10.46	50.95 3.08 -9.41	52.79 2.62 -13.79	66.23 3.04 -23.75	68.41 3.12 -26.35	62.98 2.97 -22.00	62.44 2.89 -21.50	59.43 2.98 -18.25	67.06 3.06 -25.22	70.48 3.74 -21.19	87.95 4.22 -32.80	87.51 3.75 -35.09	73.86 3.80 -23.77	66.92 3.11 -24.49	60.72 2.76 -20.09	53.98 2.28 -15.53	51.73 2.29 -13.67
BARRETT___1 23545	41.01 1.83 -8.09	37.14 1.63 -5.77	33.46 1.61 -3.09	32.01 1.57 -1.86	32.83 1.60 -2.13	37.97 1.59 -6.27	47.31 2.21 -9.39	51.58 2.87 -10.46	50.95 3.08 -9.41	52.79 2.62 -13.79	66.23 3.04 -23.75	68.41 3.12 -26.35	62.98 2.97 -22.00	62.44 2.89 -21.50	59.43 2.98 -18.25	67.06 3.06 -25.22	70.48 3.74 -21.19	87.95 4.22 -32.80	87.51 3.75 -35.09	73.86 3.80 -23.77	66.92 3.11 -24.49	60.72 2.76 -20.09	53.98 2.28 -15.53	51.73 2.29 -13.67
BARRETT___2 23546	41.01 1.83 -8.09	37.14 1.63 -5.77	33.46 1.61 -3.09	32.01 1.57 -1.86	32.83 1.60 -2.13	37.97 1.59 -6.27	47.31 2.21 -9.39	51.58 2.87 -10.46	50.95 3.08 -9.41	52.79 2.62 -13.79	66.23 3.04 -23.75	68.41 3.12 -26.35	62.98 2.97 -22.00	62.44 2.89 -21.50	59.43 2.98 -18.25	67.06 3.06 -25.22	70.48 3.74 -21.19	87.95 4.22 -32.80	87.51 3.75 -35.09	73.86 3.80 -23.77	66.92 3.11 -24.49	60.72 2.76 -20.09	53.98 2.28 -15.53	51.73 2.29 -13.67
BATAVIA__115KV_TB1 55881	29.74 -1.34 0.00	28.26 -1.49 0.00	26.92 -1.84 0.00	26.72 -1.86 0.00	27.30 -1.80 0.00	29.17 -0.93 0.00	34.03 -1.68 0.00	36.61 -1.65 0.00	36.73 -1.73 0.00	34.16 -2.22 0.00	36.79 -2.64 0.00	36.69 -2.26 0.00	35.54 -2.47 0.00	36.19 -1.86 0.00	36.25 -1.95 0.00	36.72 -2.05 0.00	42.55 -3.01 0.00	47.87 -3.06 0.00	45.60 -3.07 0.00	43.05 -3.24 0.00	37.25 -2.08 0.00	35.17 -2.69 0.00	33.56 -2.60 0.00	33.30 -2.47 0.00
BAYONEEC___CTG1 323682	32.42 1.34 0.00	30.87 1.13 0.00	29.92 1.15 0.00	29.69 1.11 0.00	30.23 1.13 0.00	31.21 1.11 0.00	37.46 1.75 0.00	40.78 2.52 0.00	41.27 2.81 0.00	38.78 2.40 0.00	42.31 2.88 0.00	41.90 2.96 0.00	40.83 2.81 0.00	40.80 2.74 0.00	41.02 2.83 0.00	41.64 2.87 0.00	49.06 3.51 0.00	54.85 3.92 0.00	52.07 3.41 0.00	49.91 3.61 0.00	42.20 2.87 0.00	40.36 2.50 0.00	38.23 2.06 0.00	37.73 1.97 0.00
BAYONEEC___CTG10 323750	32.42 1.34 0.00	30.87 1.13 0.00	29.92 1.15 0.00	29.69 1.11 0.00	30.23 1.13 0.00	31.21 1.11 0.00	37.46 1.75 0.00	40.78 2.52 0.00	41.27 2.81 0.00	38.78 2.40 0.00	42.31 2.88 0.00	41.90 2.96 0.00	40.83 2.81 0.00	40.80 2.74 0.00	41.02 2.83 0.00	41.64 2.87 0.00	49.06 3.51 0.00	54.85 3.92 0.00	52.07 3.41 0.00	49.91 3.61 0.00	42.20 2.87 0.00	40.36 2.50 0.00	38.23 2.06 0.00	37.73 1.97 0.00
BAYONEEC___CTG2 323683	32.42 1.34 0.00	30.87 1.13 0.00	29.92 1.15 0.00	29.69 1.11 0.00	30.23 1.13 0.00	31.21 1.11 0.00	37.46 1.75 0.00	40.78 2.52 0.00	41.27 2.81 0.00	38.78 2.40 0.00	42.31 2.88 0.00	41.90 2.96 0.00	40.83 2.81 0.00	40.80 2.74 0.00	41.02 2.83 0.00	41.64 2.87 0.00	49.06 3.51 0.00	54.85 3.92 0.00	52.07 3.41 0.00	49.91 3.61 0.00	42.20 2.87 0.00	40.36 2.50 0.00	38.23 2.06 0.00	37.73 1.97 0.00
BAYONEEC___CTG3 323684	32.42 1.34 0.00	30.87 1.13 0.00	29.92 1.15 0.00	29.69 1.11 0.00	30.23 1.13 0.00	31.21 1.11 0.00	37.46 1.75 0.00	40.78 2.52 0.00	41.27 2.81 0.00	38.78 2.40 0.00	42.31 2.88 0.00	41.90 2.96 0.00	40.83 2.81 0.00	40.80 2.74 0.00	41.02 2.83 0.00	41.64 2.87 0.00	49.06 3.51 0.00	54.85 3.92 0.00	52.07 3.41 0.00	49.91 3.61 0.00	42.20 2.87 0.00	40.36 2.50 0.00	38.23 2.06 0.00	37.73 1.97 0.00
BAYONEEC___CTG4 323685	32.42 1.34 0.00	30.87 1.13 0.00	29.92 1.15 0.00	29.69 1.11 0.00	30.23 1.13 0.00	31.21 1.11 0.00	37.46 1.75 0.00	40.78 2.52 0.00	41.27 2.81 0.00	38.78 2.40 0.00	42.31 2.88 0.00	41.90 2.96 0.00	40.83 2.81 0.00	40.80 2.74 0.00	41.02 2.83 0.00	41.64 2.87 0.00	49.06 3.51 0.00	54.85 3.92 0.00	52.07 3.41 0.00	49.91 3.61 0.00	42.20 2.87 0.00	40.36 2.50 0.00	38.23 2.06 0.00	37.73 1.97 0.00
BAYONEEC___CTG5 323686	32.42 1.34 0.00	30.87 1.13 0.00	29.92 1.15 0.00	29.69 1.11 0.00	30.23 1.13 0.00	31.21 1.11 0.00	37.46 1.75 0.00	40.78 2.52 0.00	41.27 2.81 0.00	38.78 2.40 0.00	42.31 2.88 0.00	41.90 2.96 0.00	40.83 2.81 0.00	40.80 2.74 0.00	41.02 2.83 0.00	41.64 2.87 0.00	49.06 3.51 0.00	54.85 3.92 0.00	52.07 3.41 0.00	49.91 3.61 0.00	42.20 2.87 0.00	40.36 2.50 0.00	38.23 2.06 0.00	37.73 1.97 0.00
BAYONEEC___CTG6 323687	32.42 1.34 0.00	30.87 1.13 0.00	29.92 1.15 0.00	29.69 1.11 0.00	30.23 1.13 0.00	31.21 1.11 0.00	37.46 1.75 0.00	40.78 2.52 0.00	41.27 2.81 0.00	38.78 2.40 0.00	42.31 2.88 0.00	41.90 2.96 0.00	40.83 2.81 0.00	40.80 2.74 0.00	41.02 2.83 0.00	41.64 2.87 0.00	49.06 3.51 0.00	54.85 3.92 0.00	52.07 3.41 0.00	49.91 3.61 0.00	42.20 2.87 0.00	40.36 2.50 0.00	38.23 2.06 0.00	37.73 1.97 0.00

BAYONEEC___CTG7 323688	32.42 1.34 0.00	30.87 1.13 0.00	29.92 1.15 0.00	29.69 1.11 0.00	30.23 1.13 0.00	31.21 1.11 0.00	37.46 1.75 0.00	40.78 2.52 0.00	41.27 2.81 0.00	38.78 2.40 0.00	42.31 2.88 0.00	41.90 2.96 0.00	40.83 2.81 0.00	40.80 2.74 0.00	41.02 2.83 0.00	41.64 2.87 0.00	49.06 3.51 0.00	54.85 3.92 0.00	52.07 3.41 0.00	49.91 3.61 0.00	42.20 2.87 0.00	40.36 2.50 0.00	38.23 2.06 0.00	37.73 1.97 0.00
BAYONEEC___CTG8 323689	32.42 1.34 0.00	30.87 1.13 0.00	29.92 1.15 0.00	29.69 1.11 0.00	30.23 1.13 0.00	31.21 1.11 0.00	37.46 1.75 0.00	40.78 2.52 0.00	41.27 2.81 0.00	38.78 2.40 0.00	42.31 2.88 0.00	41.90 2.96 0.00	40.83 2.81 0.00	40.80 2.74 0.00	41.02 2.83 0.00	41.64 2.87 0.00	49.06 3.51 0.00	54.85 3.92 0.00	52.07 3.41 0.00	49.91 3.61 0.00	42.20 2.87 0.00	40.36 2.50 0.00	38.23 2.06 0.00	37.73 1.97 0.00
BAYONEEC___CTG9 323749	32.42 1.34 0.00	30.87 1.13 0.00	29.92 1.15 0.00	29.69 1.11 0.00	30.23 1.13 0.00	31.21 1.11 0.00	37.46 1.75 0.00	40.78 2.52 0.00	41.27 2.81 0.00	38.78 2.40 0.00	42.31 2.88 0.00	41.90 2.96 0.00	40.83 2.81 0.00	40.80 2.74 0.00	41.02 2.83 0.00	41.64 2.87 0.00	49.06 3.51 0.00	54.85 3.92 0.00	52.07 3.41 0.00	49.91 3.61 0.00	42.20 2.87 0.00	40.36 2.50 0.00	38.23 2.06 0.00	37.73 1.97 0.00
BEACON___LESR 323632	32.17 1.09 0.00	30.81 1.07 0.00	29.89 1.12 0.00	29.69 1.11 0.00	30.18 1.08 0.00	31.00 0.90 0.00	36.82 1.11 0.00	39.56 1.30 0.00	39.84 1.38 0.00	37.47 1.09 0.00	40.93 1.50 0.00	40.50 1.56 0.00	39.46 1.44 0.00	39.46 1.41 0.00	39.72 1.53 0.00	40.36 1.59 0.00	47.46 1.91 0.00	53.07 2.14 0.00	50.67 2.00 0.00	48.19 1.90 0.00	40.90 1.57 0.00	39.22 1.36 0.00	37.18 1.01 0.00	36.80 1.04 0.00
BEAVER RIVER___HYD 24048	30.74 -0.34 0.00	29.47 -0.27 0.00	28.51 -0.26 0.00	28.32 -0.26 0.00	28.84 -0.26 0.00	29.95 -0.15 0.00	35.21 -0.50 0.00	37.68 -0.57 0.00	37.77 -0.69 0.00	35.73 -0.65 0.00	38.77 -0.67 0.00	38.48 -0.47 0.00	37.52 -0.50 0.00	37.52 -0.53 0.00	37.66 -0.53 0.00	38.35 -0.43 0.00	45.19 -0.37 0.00	50.83 -0.10 0.00	48.67 0.00 0.00	46.16 -0.14 0.00	39.13 -0.20 0.00	37.67 -0.19 0.00	36.06 -0.11 0.00	35.62 -0.14 0.00
BEEBEE_GT_13 23619	29.81 -1.27 0.00	28.37 -1.37 0.00	27.18 -1.58 0.00	26.98 -1.60 0.00	27.56 -1.54 0.00	29.11 -0.99 0.00	34.17 -1.54 0.00	36.77 -1.49 0.00	36.96 -1.50 0.00	34.56 -1.82 0.00	37.35 -2.09 0.00	37.11 -1.83 0.00	36.04 -1.98 0.00	36.50 -1.56 0.00	36.59 -1.60 0.00	37.03 -1.74 0.00	43.14 -2.41 0.00	48.43 -2.50 0.00	46.19 -2.48 0.00	43.70 -2.59 0.00	37.52 -1.81 0.00	35.63 -2.23 0.00	34.00 -2.17 0.00	33.66 -2.11 0.00
BENSHRST_27_KV_BENSHRST_1 355998	32.76 1.68 0.00	31.17 1.43 0.00	30.15 1.38 0.00	29.95 1.37 0.00	30.53 1.43 0.00	31.45 1.35 0.00	37.71 2.00 0.00	41.13 2.87 0.00	41.86 3.35 -0.06	39.15 2.76 0.00	42.71 3.27 0.00	42.25 3.31 0.00	41.30 3.23 -0.06	41.14 3.08 0.00	50.48 3.36 -8.93	46.55 3.41 -4.37	49.47 3.92 0.00	67.96 4.69 -12.35	150.44 4.09 -97.69	64.54 4.26 -13.99	52.95 3.34 -10.27	53.72 2.88 -12.98	38.63 2.46 0.00	38.29 2.50 -0.02
BETHLEHEM___GRP 23843	31.67 0.59 0.00	30.31 0.57 0.00	29.43 0.66 0.00	29.24 0.66 0.00	29.74 0.64 0.00	30.40 0.30 0.00	36.10 0.39 0.00	38.83 0.57 0.00	39.19 0.73 0.00	36.89 0.51 0.00	40.23 0.79 0.00	39.80 0.86 0.00	38.81 0.80 0.00	38.82 0.76 0.00	39.07 0.88 0.00	39.66 0.89 0.00	46.64 1.09 0.00	52.10 1.17 0.00	49.69 1.02 0.00	47.31 1.02 0.00	40.12 0.79 0.00	38.47 0.61 0.00	36.56 0.40 0.00	36.12 0.36 0.00
BETHLEHEM___GS1 323560	31.67 0.59 0.00	30.31 0.56 0.00	29.43 0.66 0.00	29.24 0.66 0.00	29.68 0.58 0.00	30.40 0.30 0.00	36.10 0.39 0.00	38.75 0.50 0.00	39.07 0.61 0.00	36.78 0.40 0.00	40.15 0.71 0.00	39.72 0.78 0.00	38.73 0.72 0.00	38.74 0.69 0.00	38.96 0.76 0.00	39.59 0.82 0.00	46.55 1.00 0.00	51.95 1.02 0.00	49.59 0.92 0.00	47.22 0.93 0.00	40.08 0.75 0.00	38.47 0.60 0.00	36.49 0.32 0.00	36.12 0.36 0.00
BETHLEHEM___GS2 323561	31.67 0.59 0.00	30.31 0.56 0.00	29.43 0.66 0.00	29.24 0.66 0.00	29.68 0.58 0.00	30.40 0.30 0.00	36.10 0.39 0.00	38.75 0.50 0.00	39.07 0.61 0.00	36.78 0.40 0.00	40.15 0.71 0.00	39.72 0.78 0.00	38.73 0.72 0.00	38.74 0.69 0.00	38.96 0.76 0.00	39.59 0.82 0.00	46.55 1.00 0.00	51.95 1.02 0.00	49.59 0.92 0.00	47.22 0.93 0.00	40.08 0.75 0.00	38.47 0.60 0.00	36.49 0.32 0.00	36.12 0.36 0.00
BETHLEHEM___GS3 323562	31.67 0.59 0.00	30.31 0.56 0.00	29.43 0.66 0.00	29.24 0.66 0.00	29.68 0.58 0.00	30.40 0.30 0.00	36.10 0.39 0.00	38.75 0.50 0.00	39.07 0.61 0.00	36.78 0.40 0.00	40.15 0.71 0.00	39.72 0.78 0.00	38.73 0.72 0.00	38.74 0.69 0.00	38.96 0.76 0.00	39.59 0.82 0.00	46.55 1.00 0.00	51.95 1.02 0.00	49.59 0.92 0.00	47.22 0.93 0.00	40.08 0.75 0.00	38.47 0.60 0.00	36.49 0.32 0.00	36.12 0.36 0.00
BETHLEHEM___STEEL 23779	29.59 -1.49 0.00	28.17 -1.58 0.00	26.78 -1.98 0.00	26.58 -2.00 0.00	27.15 -1.95 0.00	29.02 -1.08 0.00	33.78 -1.93 0.00	36.19 -2.07 0.00	36.23 -2.23 0.00	33.76 -2.62 0.00	36.40 -3.04 0.00	36.30 -2.65 0.00	35.20 -2.81 0.00	35.85 -2.21 0.00	35.90 -2.29 0.00	36.25 -2.52 0.00	41.91 -3.64 0.00	47.16 -3.77 0.00	44.92 -3.75 0.00	42.41 -3.89 0.00	36.77 -2.56 0.00	34.76 -3.10 0.00	33.20 -2.97 0.00	33.01 -2.75 0.00
BETHLHEM_115KV_TB1 79974	31.70 0.62 0.00	30.34 0.59 0.00	29.46 0.69 0.00	29.26 0.69 0.00	29.77 0.67 0.00	30.46 0.36 0.00	36.17 0.46 0.00	38.95 0.69 0.00	39.31 0.85 0.00	37.00 0.62 0.00	40.30 0.87 0.00	39.88 0.93 0.00	38.93 0.91 0.00	38.93 0.88 0.00	39.15 0.95 0.00	39.74 0.97 0.00	46.74 1.18 0.00	52.20 1.27 0.00	49.79 1.12 0.00	47.41 1.11 0.00	40.23 0.90 0.00	38.54 0.68 0.00	36.64 0.47 0.00	36.20 0.43 0.00
BETHPAGE_CC_5 323564	41.16 1.99 -8.09	37.29 1.78 -5.77	33.60 1.75 -3.09	32.09 1.66 -1.86	32.89 1.66 -2.13	38.06 1.68 -6.27	47.49 2.39 -9.39	51.89 3.17 -10.46	51.26 3.39 -9.41	53.11 2.95 -13.79	66.66 3.47 -23.75	68.80 3.51 -26.35	63.39 3.38 -22.00	62.87 3.31 -21.50	59.89 3.44 -18.26	67.49 3.49 -25.23	70.89 4.14 -21.20	88.52 4.79 -32.80	88.05 4.28 -35.09	74.37 4.31 -23.77	67.32 3.50 -24.49	61.07 3.11 -20.10	54.31 2.61 -15.53	51.94 2.50 -13.67
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.71 -1.37 0.00	28.32 -1.43 0.00	26.90 -1.87 0.00	26.72 -1.86 0.00	27.30 -1.80 0.00	29.17 -0.93 0.00	34.00 -1.71 0.00	36.42 -1.84 0.00	36.46 -2.00 0.00	33.98 -2.40 0.00	36.68 -2.76 0.00	36.53 -2.41 0.00	35.47 -2.55 0.00	36.08 -1.98 0.00	36.17 -2.02 0.00	36.52 -2.25 0.00	42.18 -3.37 0.00	47.52 -3.41 0.00	45.21 -3.46 0.00	42.68 -3.61 0.00	37.01 -2.32 0.00	34.99 -2.88 0.00	33.42 -2.75 0.00	33.19 -2.58 0.00

BINGHAMTON___COGEN 23790	31.17 0.09 0.00	29.77 0.03 0.00	28.68 -0.09 0.00	28.52 -0.06 0.00	29.10 0.00 0.00	30.34 0.24 0.00	35.92 0.21 0.00	38.87 0.61 0.00	39.08 0.62 0.00	36.78 0.40 0.00	39.91 0.47 0.00	39.49 0.55 0.00	38.43 0.42 0.00	38.59 0.53 0.00	38.77 0.57 0.00	39.32 0.54 0.00	46.14 0.59 0.00	51.79 0.87 0.00	49.35 0.68 0.00	46.90 0.60 0.00	39.96 0.63 0.00	38.13 0.27 0.00	36.31 0.14 0.00	35.98 0.21 0.00
BIXINCNT_115KV_LOAD 355685	30.06 -1.03 0.00	28.61 -1.13 0.00	27.15 -1.61 0.00	27.01 -1.57 0.00	27.64 -1.45 0.00	29.65 -0.45 0.00	34.75 -0.96 0.00	37.19 -1.07 0.00	37.23 -1.23 0.00	34.78 -1.60 0.00	37.54 -1.89 0.00	37.35 -1.60 0.00	36.27 -1.75 0.00	36.84 -1.22 0.00	36.93 -1.26 0.00	37.30 -1.47 0.00	43.14 -2.41 0.00	48.69 -2.24 0.00	46.24 -2.43 0.00	43.70 -2.59 0.00	37.91 -1.42 0.00	35.78 -2.08 0.00	34.14 -2.03 0.00	33.98 -1.79 0.00
BLACK RIVER___HYD 24047	30.55 -0.53 0.00	29.24 -0.51 0.00	28.28 -0.49 0.00	28.12 -0.46 0.00	28.60 -0.49 0.00	29.74 -0.36 0.00	35.14 -0.57 0.00	37.72 -0.54 0.00	37.69 -0.77 0.00	35.61 -0.77 0.00	38.69 -0.75 0.00	38.32 -0.62 0.00	37.37 -0.65 0.00	37.37 -0.68 0.00	37.54 -0.65 0.00	38.27 -0.51 0.00	45.14 -0.41 0.00	50.88 -0.05 0.00	48.77 0.10 0.00	46.20 -0.09 0.00	39.13 -0.20 0.00	37.56 -0.30 0.00	35.88 -0.29 0.00	35.37 -0.39 0.00
BLACKRVR_115KV_TB2 79977	30.55 -0.53 0.00	29.24 -0.51 0.00	28.28 -0.49 0.00	28.12 -0.46 0.00	28.61 -0.49 0.00	29.74 -0.36 0.00	35.14 -0.57 0.00	37.76 -0.50 0.00	37.81 -0.65 0.00	35.69 -0.69 0.00	38.69 -0.75 0.00	38.32 -0.62 0.00	37.37 -0.65 0.00	37.41 -0.65 0.00	37.54 -0.65 0.00	38.27 -0.50 0.00	45.14 -0.41 0.00	50.88 -0.05 0.00	48.77 0.10 0.00	46.20 -0.09 0.00	39.13 -0.20 0.00	37.52 -0.34 0.00	35.88 -0.29 0.00	35.37 -0.39 0.00
BLISS_WT_PWR 323608	29.99 -1.09 0.00	28.58 -1.16 0.00	27.15 -1.61 0.00	27.03 -1.54 0.00	27.99 -1.11 0.00	29.62 -0.48 0.00	34.75 -0.96 0.00	37.30 -0.95 0.00	36.77 -1.69 0.00	34.56 -1.82 0.00	38.02 -1.42 0.00	37.46 -1.48 0.00	36.27 -1.75 0.00	36.84 -1.22 0.00	36.93 -1.26 0.00	37.45 -1.32 0.00	43.23 -2.32 0.00	48.74 -2.19 0.00	46.38 -2.29 0.00	43.89 -2.41 0.00	37.95 -1.38 0.00	36.16 -1.70 0.00	34.18 -1.99 0.00	34.01 -1.75 0.00
BLUESTONE___WT_PWR 323821	33.01 1.93 0.00	31.50 1.75 0.00	30.37 1.61 0.00	30.23 1.66 0.00	30.82 1.72 0.00	32.12 2.02 0.00	38.28 2.57 0.00	41.55 3.29 0.00	41.46 3.00 0.00	39.18 2.80 0.00	42.67 3.23 0.00	42.10 3.15 0.00	41.02 3.00 0.00	41.10 3.05 0.00	41.29 3.09 0.00	41.95 3.18 0.00	49.29 3.74 0.00	55.56 4.63 0.00	53.10 4.43 0.00	50.41 4.12 0.00	42.83 3.50 0.00	40.89 3.03 0.00	38.84 2.68 0.00	38.31 2.54 0.00
BLUE_CIRC_CHEM_DRP 24182	31.98 0.90 0.00	30.64 0.89 0.00	29.69 0.92 0.00	29.52 0.94 0.00	30.03 0.93 0.00	30.82 0.72 0.00	36.60 0.89 0.00	39.37 1.11 0.00	39.69 1.23 0.00	37.33 0.95 0.00	40.66 1.22 0.00	40.23 1.29 0.00	39.23 1.22 0.00	39.27 1.22 0.00	39.45 1.26 0.00	40.09 1.32 0.00	47.10 1.55 0.00	52.66 1.73 0.00	50.28 1.61 0.00	47.82 1.53 0.00	40.63 1.30 0.00	38.92 1.06 0.00	37.03 0.87 0.00	36.62 0.86 0.00
BOC_GAS_DRP 24189	31.73 0.65 0.00	30.37 0.62 0.00	29.46 0.69 0.00	29.26 0.69 0.00	29.77 0.67 0.00	30.61 0.51 0.00	36.39 0.68 0.00	39.18 0.92 0.00	39.54 1.08 0.00	37.22 0.84 0.00	40.54 1.10 0.00	40.11 1.17 0.00	39.12 1.10 0.00	39.12 1.07 0.00	39.30 1.11 0.00	39.94 1.16 0.00	46.92 1.37 0.00	52.51 1.58 0.00	50.03 1.36 0.00	47.68 1.39 0.00	40.43 1.10 0.00	38.73 0.87 0.00	36.89 0.72 0.00	36.45 0.68 0.00
BOONVILLE_115KV_TB1 79983	31.58 0.50 0.00	30.19 0.45 0.00	29.20 0.43 0.00	29.04 0.46 0.00	29.57 0.47 0.00	30.67 0.57 0.00	36.32 0.61 0.00	39.02 0.77 0.00	39.19 0.73 0.00	37.04 0.65 0.00	40.23 0.79 0.00	39.84 0.90 0.00	38.89 0.87 0.00	38.93 0.88 0.00	39.07 0.88 0.00	39.70 0.93 0.00	46.74 1.18 0.00	52.46 1.53 0.00	50.18 1.51 0.00	47.64 1.34 0.00	40.39 1.06 0.00	38.73 0.87 0.00	37.00 0.83 0.00	36.52 0.75 0.00
BORALEX_4TH_BRANCH 23824	32.67 1.59 0.00	31.23 1.49 0.00	30.23 1.47 0.00	30.04 1.46 0.00	30.58 1.48 0.00	31.60 1.50 0.00	37.60 1.89 0.00	40.55 2.30 0.00	40.92 2.46 0.00	38.49 2.11 0.00	41.92 2.48 0.00	41.48 2.53 0.00	40.41 2.39 0.00	40.42 2.36 0.00	40.64 2.44 0.00	41.25 2.48 0.00	48.51 2.96 0.00	54.34 3.41 0.00	51.78 3.11 0.00	49.35 3.06 0.00	41.85 2.52 0.00	40.06 2.20 0.00	38.08 1.92 0.00	37.59 1.82 0.00
BOWLINE___1 23526	32.20 1.12 0.00	30.69 0.95 0.00	29.71 0.95 0.00	29.49 0.91 0.00	30.03 0.93 0.00	31.00 0.90 0.00	37.14 1.43 0.00	40.32 2.06 0.00	40.73 2.27 0.00	38.27 1.89 0.00	41.76 2.33 0.00	41.36 2.42 0.00	40.29 2.28 0.00	40.26 2.21 0.00	40.49 2.29 0.00	41.10 2.33 0.00	48.38 2.83 0.00	54.19 3.26 0.00	51.49 2.82 0.00	49.21 2.92 0.00	41.73 2.40 0.00	39.87 2.01 0.00	37.76 1.59 0.00	37.27 1.50 0.00
BOWLINE___2 23595	32.20 1.12 0.00	30.69 0.95 0.00	29.71 0.95 0.00	29.49 0.91 0.00	30.03 0.93 0.00	31.00 0.90 0.00	37.14 1.43 0.00	40.32 2.06 0.00	40.73 2.27 0.00	38.27 1.89 0.00	41.76 2.33 0.00	41.36 2.42 0.00	40.29 2.28 0.00	40.26 2.21 0.00	40.49 2.29 0.00	41.10 2.33 0.00	48.38 2.83 0.00	54.19 3.26 0.00	51.49 2.82 0.00	49.21 2.92 0.00	41.73 2.40 0.00	39.87 2.01 0.00	37.76 1.59 0.00	37.27 1.50 0.00
BRADY___115KV_TB2 356060	31.61 0.53 0.00	30.49 0.74 0.00	29.48 0.72 0.00	29.26 0.69 0.00	29.80 0.70 0.00	30.73 0.63 0.00	36.25 0.54 0.00	38.49 0.23 0.00	38.54 0.08 0.00	36.71 0.33 0.00	39.59 0.16 0.00	38.94 0.00 0.00	38.05 0.04 0.00	38.06 0.00 0.00	38.12 -0.08 0.00	38.73 -0.04 0.00	45.55 0.00 0.00	50.88 -0.05 0.00	48.86 0.19 0.00	46.34 0.05 0.00	39.41 0.08 0.00	38.39 0.53 0.00	36.93 0.76 0.00	36.62 0.86 0.00
BRANSCOMB___SOLAR 323811	32.48 1.40 0.00	31.08 1.34 0.00	30.09 1.32 0.00	29.89 1.32 0.00	30.41 1.31 0.00	31.46 1.36 0.00	37.10 1.39 0.00	39.94 1.68 0.00	40.19 1.73 0.00	37.84 1.46 0.00	41.25 1.82 0.00	40.77 1.83 0.00	39.68 1.67 0.00	39.69 1.64 0.00	39.91 1.72 0.00	40.60 1.82 0.00	47.78 2.23 0.00	53.53 2.60 0.00	51.20 2.53 0.00	48.65 2.36 0.00	41.30 1.97 0.00	39.49 1.63 0.00	37.47 1.30 0.00	36.98 1.22 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	41.60 2.42 -8.09	37.74 2.23 -5.77	34.04 2.19 -3.09	32.61 2.17 -1.86	33.45 2.21 -2.13	38.63 2.26 -6.27	48.10 3.00 -9.39	52.65 3.94 -10.46	52.14 4.27 -9.41	53.92 3.75 -13.79	67.45 4.26 -23.75	69.61 4.32 -26.35	64.19 4.18 -22.00	63.71 4.15 -21.50	60.70 4.24 -18.26	68.30 4.30 -25.23	71.81 5.06 -21.20	89.69 5.96 -32.80	89.07 5.30 -35.09	75.34 5.28 -23.77	68.19 4.37 -24.50	61.75 3.79 -20.10	54.96 3.25 -15.53	52.55 3.11 -13.67

BRISTLHL_115KV_TB1 79998	30.18 -0.90 0.00	28.85 -0.89 0.00	27.84 -0.92 0.00	27.69 -0.89 0.00	28.20 -0.90 0.00	29.32 -0.78 0.00	34.75 -0.96 0.00	37.42 -0.84 0.00	37.61 -0.85 0.00	35.51 -0.87 0.00	38.49 -0.95 0.00	38.05 -0.90 0.00	37.10 -0.91 0.00	37.18 -0.88 0.00	37.35 -0.84 0.00	37.88 -0.89 0.00	44.50 -1.05 0.00	49.86 -1.07 0.00	47.60 -1.07 0.00	45.18 -1.11 0.00	38.43 -0.90 0.00	36.80 -1.06 0.00	35.12 -1.05 0.00	34.69 -1.07 0.00
BROOKHAVEN___DRP 24191	41.53 2.36 -8.09	37.71 2.20 -5.77	34.01 2.16 -3.09	32.58 2.14 -1.86	33.42 2.18 -2.13	38.60 2.23 -6.27	48.03 2.93 -9.39	52.50 3.79 -10.46	51.95 4.08 -9.41	53.92 3.75 -13.79	67.33 4.14 -23.75	69.42 4.13 -26.35	64.04 4.03 -22.00	63.52 3.96 -21.50	60.54 4.09 -18.26	68.11 4.11 -25.23	71.67 4.92 -21.20	89.69 5.96 -32.80	89.07 5.30 -35.09	75.29 5.23 -23.77	67.99 4.17 -24.50	61.60 3.63 -20.10	54.81 3.11 -15.53	52.48 3.04 -13.67
BROOKLYN_NAVY_YARD 23515	32.42 1.34 0.00	30.87 1.13 0.00	29.89 1.12 0.00	29.69 1.11 0.00	30.23 1.13 0.00	31.21 1.11 0.00	37.53 1.82 0.00	40.86 2.60 0.00	41.38 2.92 0.00	38.86 2.48 0.00	42.40 2.96 0.00	41.98 3.04 0.00	40.94 2.93 0.00	40.87 2.82 0.00	41.14 2.94 0.00	41.76 2.99 0.00	49.20 3.65 0.00	55.05 4.12 0.00	52.27 3.60 0.00	50.04 3.75 0.00	42.32 2.99 0.00	40.47 2.61 0.00	38.30 2.13 0.00	37.77 2.00 0.00
BROOKLYN___ARMY_DRP 323595	32.63 1.55 0.00	31.05 1.31 0.00	30.06 1.29 0.00	29.86 1.29 0.00	30.44 1.34 0.00	31.33 1.23 0.00	37.60 1.89 0.00	40.94 2.68 0.00	41.67 3.15 -0.06	39.00 2.62 0.00	42.51 3.08 0.00	42.10 3.15 0.00	41.15 3.08 -0.06	40.99 2.93 0.00	50.33 3.21 -8.93	46.36 3.22 -4.37	49.24 3.69 0.00	67.71 4.43 -12.35	150.20 3.84 -97.69	64.31 4.03 -13.99	52.75 3.15 -10.27	53.53 2.69 -12.98	38.48 2.31 0.00	38.15 2.36 -0.02
BROOKVLE_69_KV_TB1 55790	41.19 2.02 -8.09	37.32 1.81 -5.77	33.63 1.78 -3.09	32.21 1.77 -1.86	33.04 1.80 -2.13	38.21 1.84 -6.27	47.64 2.54 -9.39	52.12 3.40 -10.46	51.60 3.73 -9.41	53.41 3.24 -13.79	66.74 3.55 -23.75	68.95 3.66 -26.35	63.51 3.50 -22.00	62.98 3.43 -21.50	59.97 3.51 -18.26	67.56 3.57 -25.22	70.98 4.24 -21.19	88.67 4.94 -32.80	88.14 4.38 -35.09	74.46 4.40 -23.77	67.36 3.54 -24.49	60.95 2.99 -20.09	54.45 2.75 -15.53	52.09 2.65 -13.67
BROOME_2_LFGE 323671	31.17 0.09 0.00	29.77 0.03 0.00	28.71 -0.06 0.00	28.52 -0.06 0.00	29.16 0.06 0.00	30.34 0.24 0.00	35.93 0.22 0.00	38.91 0.65 0.00	38.92 0.46 0.00	36.71 0.33 0.00	39.99 0.55 0.00	39.49 0.54 0.00	38.43 0.42 0.00	38.59 0.53 0.00	38.77 0.57 0.00	39.35 0.58 0.00	46.19 0.64 0.00	51.79 0.86 0.00	49.40 0.73 0.00	46.90 0.60 0.00	39.96 0.63 0.00	38.28 0.42 0.00	36.31 0.15 0.00	35.98 0.22 0.00
BROOME___LFGE 323600	31.17 0.09 0.00	29.77 0.03 0.00	28.71 -0.06 0.00	28.52 -0.06 0.00	29.16 0.06 0.00	30.34 0.24 0.00	35.93 0.22 0.00	38.91 0.65 0.00	38.92 0.46 0.00	36.71 0.33 0.00	39.99 0.55 0.00	39.49 0.54 0.00	38.43 0.42 0.00	38.59 0.53 0.00	38.77 0.57 0.00	39.35 0.58 0.00	46.19 0.64 0.00	51.79 0.86 0.00	49.40 0.73 0.00	46.90 0.60 0.00	39.96 0.63 0.00	38.28 0.42 0.00	36.31 0.15 0.00	35.98 0.22 0.00
BROWNFLS_115KV_TB_3_5 80003	30.74 -0.34 0.00	29.56 -0.18 0.00	28.59 -0.17 0.00	28.41 -0.17 0.00	28.90 -0.20 0.00	29.86 -0.24 0.00	35.10 -0.61 0.00	37.45 -0.80 0.00	37.54 -0.92 0.00	35.58 -0.80 0.00	38.49 -0.95 0.00	38.05 -0.90 0.00	37.10 -0.91 0.00	37.07 -0.99 0.00	37.16 -1.03 0.00	37.84 -0.93 0.00	44.55 -1.00 0.00	49.96 -0.97 0.00	47.89 -0.78 0.00	45.42 -0.88 0.00	38.54 -0.79 0.00	37.41 -0.45 0.00	35.95 -0.22 0.00	35.62 -0.14 0.00
BROWNSV1_27_KV_LOAD 356125	32.70 1.62 0.00	31.14 1.40 0.00	30.17 1.41 0.00	29.98 1.40 0.00	30.53 1.43 0.00	31.54 1.44 0.00	37.85 2.14 0.00	41.24 2.98 0.00	41.85 3.38 0.00	39.25 2.87 0.00	42.75 3.31 0.00	42.33 3.39 0.00	41.28 3.27 0.00	41.25 3.20 0.00	41.48 3.28 0.00	42.11 3.33 0.00	49.61 4.05 0.00	55.61 4.69 0.00	52.71 4.04 0.00	50.55 4.26 0.00	42.67 3.34 0.00	40.67 2.80 0.00	38.59 2.42 0.00	38.13 2.36 0.00
BURROWS___LYONSDAL 23803	31.39 0.31 0.00	30.07 0.33 0.00	29.08 0.32 0.00	28.92 0.34 0.00	29.42 0.32 0.00	30.52 0.42 0.00	36.07 0.36 0.00	38.72 0.46 0.00	38.88 0.42 0.00	36.74 0.36 0.00	39.91 0.47 0.00	39.61 0.66 0.00	38.62 0.61 0.00	38.66 0.61 0.00	38.81 0.61 0.00	39.47 0.70 0.00	46.42 0.87 0.00	52.15 1.22 0.00	49.89 1.22 0.00	47.36 1.06 0.00	40.16 0.83 0.00	38.54 0.68 0.00	36.82 0.65 0.00	36.34 0.57 0.00
CAITHNESS_CC_1 323624	41.44 2.27 -8.09	37.62 2.11 -5.77	33.92 2.07 -3.09	32.49 2.06 -1.86	33.33 2.10 -2.13	38.51 2.14 -6.27	47.92 2.82 -9.39	52.39 3.67 -10.46	51.76 3.88 -9.41	53.74 3.57 -13.79	67.25 4.06 -23.75	69.34 4.05 -26.35	63.93 3.92 -22.00	63.40 3.84 -21.50	60.43 3.97 -18.26	68.03 4.03 -25.23	71.63 4.88 -21.20	89.48 5.75 -32.80	88.97 5.21 -35.09	75.20 5.14 -23.77	67.95 4.13 -24.50	61.67 3.71 -20.10	54.74 3.04 -15.53	52.44 3.00 -13.67
CALPINE BETH_PAGE_GT4 24209	41.07 1.90 -8.09	37.20 1.70 -5.77	33.55 1.70 -3.09	32.09 1.66 -1.86	32.92 1.69 -2.13	38.09 1.72 -6.27	47.42 2.32 -9.39	51.85 3.14 -10.46	51.33 3.46 -9.41	53.15 2.98 -13.79	66.62 3.43 -23.75	68.80 3.50 -26.35	63.39 3.38 -22.00	62.87 3.31 -21.50	59.85 3.40 -18.26	67.45 3.45 -25.23	70.85 4.10 -21.20	88.52 4.79 -32.80	88.00 4.23 -35.09	74.32 4.26 -23.77	67.28 3.46 -24.49	60.91 2.95 -20.10	54.23 2.53 -15.53	51.87 2.43 -13.67
CALPINE_BETH_PAGE_GT_4 323586	41.07 1.90 -8.09	37.20 1.69 -5.77	33.52 1.67 -3.09	32.03 1.60 -1.86	32.86 1.63 -2.13	38.00 1.62 -6.27	47.42 2.32 -9.39	51.85 3.14 -10.46	51.22 3.34 -9.41	53.08 2.91 -13.79	66.62 3.43 -23.75	68.80 3.51 -26.35	63.36 3.35 -22.00	62.83 3.27 -21.50	59.85 3.40 -18.26	67.45 3.45 -25.23	70.89 4.14 -21.20	88.47 4.74 -32.80	87.99 4.23 -35.09	74.32 4.26 -23.77	67.32 3.50 -24.49	61.03 3.07 -20.10	54.27 2.57 -15.53	51.90 2.47 -13.67
CALPINE_BP_GT1 23823	41.07 1.90 -8.09	37.20 1.69 -5.77	33.52 1.67 -3.09	32.03 1.60 -1.86	32.86 1.63 -2.13	38.00 1.62 -6.27	47.42 2.32 -9.39	51.85 3.14 -10.46	51.22 3.34 -9.41	53.08 2.91 -13.79	66.62 3.43 -23.75	68.80 3.51 -26.35	63.36 3.35 -22.00	62.83 3.27 -21.50	59.85 3.40 -18.26	67.45 3.45 -25.23	70.89 4.14 -21.20	88.47 4.74 -32.80	87.99 4.23 -35.09	74.32 4.26 -23.77	67.32 3.50 -24.49	61.03 3.07 -20.10	54.27 2.57 -15.53	51.90 2.47 -13.67
CALSPAN___DRP 24200	29.59 -1.49 0.00	28.17 -1.58 0.00	26.78 -1.98 0.00	26.58 -2.00 0.00	27.15 -1.95 0.00	29.02 -1.08 0.00	33.78 -1.93 0.00	36.19 -2.07 0.00	36.23 -2.23 0.00	33.76 -2.62 0.00	36.40 -3.04 0.00	36.30 -2.65 0.00	35.20 -2.81 0.00	35.85 -2.21 0.00	35.90 -2.29 0.00	36.25 -2.52 0.00	41.91 -3.64 0.00	47.16 -3.77 0.00	44.92 -3.75 0.00	42.41 -3.89 0.00	36.77 -2.56 0.00	34.76 -3.10 0.00	33.20 -2.97 0.00	33.01 -2.75 0.00

CALVERTON___SOLAR 323806	41.60 2.43 -8.09	37.80 2.29 -5.77	34.07 2.22 -3.09	32.67 2.23 -1.86	33.51 2.27 -2.13	38.69 2.32 -6.27	48.13 3.03 -9.39	52.58 3.86 -10.46	51.95 4.07 -9.41	53.95 3.78 -13.79	67.45 4.26 -23.75	69.50 4.21 -26.35	64.12 4.11 -22.00	63.59 4.03 -21.50	60.62 4.16 -18.26	68.19 4.19 -25.23	71.85 5.10 -21.20	89.79 6.06 -32.80	89.26 5.50 -35.09	75.47 5.41 -23.77	68.15 4.33 -24.50	61.86 3.90 -20.10	54.92 3.22 -15.53	52.66 3.22 -13.67
CANDIGU_WT_PWR 323617	30.49 -0.59 0.00	29.06 -0.68 0.00	27.82 -0.95 0.00	27.66 -0.92 0.00	28.52 -0.58 0.00	29.86 -0.24 0.00	35.03 -0.68 0.00	37.64 -0.61 0.00	37.31 -1.15 0.00	35.07 -1.31 0.00	38.41 -1.03 0.00	37.89 -1.05 0.00	36.80 -1.22 0.00	37.18 -0.87 0.00	37.35 -0.84 0.00	37.92 -0.85 0.00	44.23 -1.32 0.00	49.76 -1.17 0.00	47.45 -1.21 0.00	44.95 -1.34 0.00	38.62 -0.71 0.00	36.88 -0.98 0.00	34.94 -1.23 0.00	34.69 -1.07 0.00
CARR STREET_E_SYR 24060	30.49 -0.59 0.00	29.12 -0.63 0.00	28.10 -0.66 0.00	27.95 -0.63 0.00	28.52 -0.58 0.00	29.53 -0.57 0.00	34.85 -0.86 0.00	37.57 -0.69 0.00	37.65 -0.81 0.00	35.58 -0.80 0.00	38.77 -0.67 0.00	38.28 -0.66 0.00	37.25 -0.76 0.00	37.37 -0.68 0.00	37.54 -0.65 0.00	38.08 -0.70 0.00	44.68 -0.87 0.00	50.06 -0.87 0.00	47.79 -0.87 0.00	45.37 -0.93 0.00	38.58 -0.75 0.00	36.99 -0.87 0.00	35.19 -0.97 0.00	34.76 -1.00 0.00
CARTHAGE___PAPER 23857	30.62 -0.47 0.00	29.33 -0.42 0.00	28.36 -0.40 0.00	28.21 -0.37 0.00	28.72 -0.38 0.00	29.86 -0.24 0.00	35.18 -0.53 0.00	37.68 -0.57 0.00	37.73 -0.73 0.00	35.69 -0.69 0.00	38.69 -0.75 0.00	38.32 -0.62 0.00	37.37 -0.65 0.00	37.41 -0.65 0.00	37.54 -0.65 0.00	38.27 -0.51 0.00	45.14 -0.41 0.00	50.78 -0.15 0.00	48.72 0.05 0.00	46.16 -0.14 0.00	39.10 -0.23 0.00	37.60 -0.26 0.00	35.99 -0.18 0.00	35.52 -0.25 0.00
CASSADAGA_WT_PWR 323784	30.09 -1.00 0.00	28.58 -1.16 0.00	27.21 -1.55 0.00	27.12 -1.46 0.00	27.96 -1.14 0.00	29.41 -0.69 0.00	34.64 -1.07 0.00	37.15 -1.11 0.00	36.73 -1.73 0.00	34.49 -1.89 0.00	37.98 -1.46 0.00	37.54 -1.40 0.00	36.38 -1.63 0.00	36.99 -1.07 0.00	37.12 -1.07 0.00	37.65 -1.13 0.00	43.32 -2.23 0.00	48.89 -2.04 0.00	46.63 -2.04 0.00	44.03 -2.27 0.00	38.11 -1.22 0.00	36.24 -1.63 0.00	34.25 -1.92 0.00	34.12 -1.64 0.00
CE_DUNWOOD___DRP 24194	32.36 1.27 0.00	30.84 1.10 0.00	29.89 1.12 0.00	29.69 1.11 0.00	30.21 1.11 0.00	31.21 1.11 0.00	37.35 1.64 0.00	40.63 2.37 0.00	41.15 2.69 0.00	38.64 2.26 0.00	42.08 2.64 0.00	41.67 2.73 0.00	40.60 2.58 0.00	40.57 2.51 0.00	40.79 2.60 0.00	41.45 2.68 0.00	48.74 3.19 0.00	54.70 3.77 0.00	51.88 3.21 0.00	49.63 3.33 0.00	41.97 2.64 0.00	40.02 2.16 0.00	38.01 1.84 0.00	37.52 1.75 0.00
CE_MILLWOOD___DRP 24193	32.36 1.27 0.00	30.84 1.10 0.00	29.86 1.09 0.00	29.66 1.09 0.00	30.18 1.08 0.00	31.18 1.08 0.00	37.32 1.61 0.00	40.59 2.33 0.00	41.08 2.62 0.00	38.56 2.18 0.00	42.00 2.56 0.00	41.59 2.65 0.00	40.56 2.55 0.00	40.53 2.47 0.00	40.75 2.56 0.00	41.37 2.60 0.00	48.69 3.14 0.00	54.60 3.67 0.00	51.83 3.16 0.00	49.58 3.29 0.00	41.93 2.60 0.00	39.98 2.12 0.00	37.94 1.77 0.00	37.48 1.72 0.00
CE_NYC2_DRP 24202	32.48 1.40 0.00	30.93 1.19 0.00	29.97 1.21 0.00	29.78 1.20 0.00	30.32 1.22 0.00	31.24 1.14 0.00	37.42 1.71 0.00	40.82 2.56 0.00	41.46 3.00 0.00	38.85 2.47 0.00	42.39 2.96 0.00	41.98 3.04 0.00	40.94 2.93 0.00	40.87 2.82 0.00	41.21 3.02 0.00	41.80 3.02 0.00	49.10 3.55 0.00	55.11 4.18 0.00	52.22 3.55 0.00	50.04 3.75 0.00	42.28 2.95 0.00	40.40 2.54 0.00	38.30 2.13 0.00	37.91 2.15 0.00
CE_NYC_DRP 24195	32.45 1.37 0.00	30.93 1.19 0.00	29.97 1.21 0.00	29.78 1.20 0.00	30.32 1.22 0.00	31.30 1.20 0.00	37.53 1.82 0.00	40.86 2.60 0.00	41.46 3.00 0.00	38.89 2.51 0.00	42.35 2.92 0.00	41.98 3.04 0.00	40.94 2.93 0.00	40.87 2.82 0.00	41.14 2.94 0.00	41.72 2.95 0.00	49.15 3.60 0.00	55.05 4.13 0.00	52.17 3.50 0.00	50.00 3.70 0.00	42.24 2.91 0.00	40.29 2.42 0.00	38.23 2.06 0.00	37.77 2.00 0.00
CHAFFEE___LFGE 323603	29.68 -1.40 0.00	28.26 -1.49 0.00	26.92 -1.84 0.00	26.78 -1.80 0.00	27.70 -1.40 0.00	29.11 -0.99 0.00	33.96 -1.75 0.00	36.50 -1.76 0.00	35.92 -2.54 0.00	33.69 -2.69 0.00	37.07 -2.37 0.00	36.61 -2.34 0.00	35.39 -2.62 0.00	36.00 -2.06 0.00	36.06 -2.14 0.00	36.56 -2.21 0.00	42.09 -3.46 0.00	47.31 -3.61 0.00	45.16 -3.50 0.00	42.68 -3.61 0.00	36.89 -2.44 0.00	35.14 -2.73 0.00	33.27 -2.89 0.00	33.08 -2.68 0.00
CHATEAUG_35_KV_LOAD 355732	32.29 1.21 0.00	30.99 1.25 0.00	29.89 1.12 0.00	29.64 1.06 0.00	30.15 1.05 0.00	31.30 1.20 0.00	36.75 1.04 0.00	38.95 0.69 0.00	39.08 0.62 0.00	37.14 0.76 0.00	40.11 0.67 0.00	39.49 0.55 0.00	38.70 0.68 0.00	38.63 0.57 0.00	38.73 0.53 0.00	39.39 0.62 0.00	46.42 0.87 0.00	51.90 0.97 0.00	49.79 1.12 0.00	47.08 0.79 0.00	40.08 0.75 0.00	38.92 1.06 0.00	37.29 1.12 0.00	37.27 1.50 0.00
CHATEAUG_WT_PWR 323614	32.23 1.15 0.00	30.93 1.19 0.00	29.86 1.09 0.00	29.61 1.03 0.00	30.12 1.02 0.00	31.30 1.21 0.00	36.64 0.93 0.00	38.91 0.65 0.00	39.19 0.73 0.00	37.18 0.80 0.00	39.99 0.55 0.00	39.45 0.50 0.00	38.66 0.65 0.00	38.59 0.53 0.00	38.69 0.50 0.00	39.31 0.54 0.00	46.28 0.73 0.00	51.85 0.92 0.00	49.64 0.97 0.00	46.99 0.70 0.00	39.96 0.63 0.00	38.66 0.80 0.00	37.18 1.01 0.00	37.20 1.43 0.00
CHAT_HIGH_FALL_HYD 323578	32.29 1.21 0.00	30.99 1.25 0.00	29.89 1.12 0.00	29.64 1.06 0.00	30.15 1.05 0.00	31.30 1.20 0.00	36.75 1.04 0.00	38.95 0.69 0.00	39.08 0.62 0.00	37.14 0.76 0.00	40.11 0.67 0.00	39.49 0.55 0.00	38.70 0.68 0.00	38.63 0.57 0.00	38.73 0.53 0.00	39.39 0.62 0.00	46.42 0.87 0.00	51.90 0.97 0.00	49.79 1.12 0.00	47.08 0.79 0.00	40.08 0.75 0.00	38.92 1.06 0.00	37.29 1.12 0.00	37.27 1.50 0.00
CHAUTAUQUA___LFGE 323629	29.90 -1.18 0.00	28.46 -1.28 0.00	27.10 -1.67 0.00	26.95 -1.63 0.00	27.88 -1.22 0.00	29.29 -0.81 0.00	34.28 -1.43 0.00	36.80 -1.45 0.00	36.27 -2.19 0.00	34.05 -2.33 0.00	37.47 -1.97 0.00	37.04 -1.91 0.00	35.81 -2.21 0.00	36.42 -1.64 0.00	36.51 -1.68 0.00	37.03 -1.74 0.00	42.64 -2.92 0.00	47.97 -2.96 0.00	45.75 -2.92 0.00	43.24 -3.06 0.00	37.40 -1.93 0.00	35.59 -2.27 0.00	33.67 -2.50 0.00	33.55 -2.22 0.00
CHERRYST_13_KV_LD 356241	32.54 1.46 0.00	30.99 1.25 0.00	30.03 1.27 0.00	29.84 1.26 0.00	30.38 1.28 0.00	31.36 1.26 0.00	37.64 1.93 0.00	41.01 2.75 0.00	41.61 3.15 0.00	39.04 2.66 0.00	42.51 3.08 0.00	42.14 3.19 0.00	41.09 3.08 0.00	41.02 2.97 0.00	41.25 3.06 0.00	41.87 3.10 0.00	49.33 3.78 0.00	55.26 4.33 0.00	52.37 3.70 0.00	50.18 3.89 0.00	42.36 3.03 0.00	40.40 2.54 0.00	38.34 2.17 0.00	37.88 2.11 0.00

CHESTROR_138KV_BK263 355645	32.08 0.99 0.00	30.61 0.86 0.00	29.63 0.86 0.00	29.44 0.86 0.00	29.94 0.84 0.00	30.91 0.81 0.00	36.96 1.25 0.00	40.02 1.76 0.00	40.46 2.00 0.00	38.02 1.64 0.00	41.37 1.93 0.00	40.97 2.03 0.00	39.95 1.94 0.00	39.92 1.86 0.00	40.14 1.95 0.00	40.75 1.98 0.00	47.92 2.37 0.00	53.78 2.85 0.00	51.10 2.43 0.00	48.79 2.50 0.00	41.34 2.01 0.00	39.45 1.59 0.00	37.50 1.34 0.00	37.05 1.29 0.00
CH_MIDHUDSON___DRP 24192	32.39 1.31 0.00	30.90 1.16 0.00	29.94 1.18 0.00	29.75 1.17 0.00	30.21 1.11 0.00	31.18 1.08 0.00	37.28 1.57 0.00	40.36 2.10 0.00	40.85 2.38 0.00	38.31 1.93 0.00	41.76 2.33 0.00	41.40 2.45 0.00	40.33 2.32 0.00	40.30 2.25 0.00	40.52 2.33 0.00	41.18 2.40 0.00	48.38 2.82 0.00	54.29 3.36 0.00	51.59 2.92 0.00	49.26 2.96 0.00	41.73 2.40 0.00	39.79 1.93 0.00	37.87 1.70 0.00	37.38 1.61 0.00
CH_MISC_IPPS 23765	32.51 1.43 0.00	30.99 1.25 0.00	30.00 1.24 0.00	29.81 1.23 0.00	30.23 1.13 0.00	31.18 1.08 0.00	37.39 1.68 0.00	40.44 2.18 0.00	40.85 2.39 0.00	38.34 1.96 0.00	41.80 2.37 0.00	41.47 2.53 0.00	40.37 2.36 0.00	40.38 2.32 0.00	40.56 2.37 0.00	41.26 2.48 0.00	48.51 2.96 0.00	54.39 3.46 0.00	51.79 3.12 0.00	49.40 3.10 0.00	41.89 2.55 0.00	39.98 2.12 0.00	37.94 1.77 0.00	37.45 1.68 0.00
CH_RES_BVR_FALLS 23983	30.93 -0.15 0.00	29.62 -0.12 0.00	28.65 -0.11 0.00	28.46 -0.11 0.00	28.98 -0.12 0.00	30.01 -0.09 0.00	35.53 -0.18 0.00	37.88 -0.38 0.00	38.11 -0.35 0.00	36.20 -0.18 0.00	39.08 -0.36 0.00	38.55 -0.39 0.00	37.75 -0.26 0.00	37.75 -0.31 0.00	37.85 -0.34 0.00	38.46 -0.31 0.00	45.19 -0.37 0.00	50.47 -0.46 0.00	48.33 -0.34 0.00	45.92 -0.37 0.00	39.01 -0.32 0.00	37.75 -0.11 0.00	36.20 0.04 0.00	35.87 0.11 0.00
CH_RES_NIAGARA 23895	28.22 -2.86 0.00	26.89 -2.86 0.00	25.60 -3.16 0.00	25.43 -3.14 0.00	26.36 -2.74 0.00	27.69 -2.41 0.00	32.14 -3.57 0.00	34.51 -3.75 0.00	33.84 -4.62 0.00	31.72 -4.66 0.00	34.98 -4.46 0.00	34.50 -4.44 0.00	33.30 -4.72 0.00	33.98 -4.07 0.00	34.03 -4.16 0.00	34.51 -4.27 0.00	39.72 -5.83 0.00	44.51 -6.42 0.00	42.58 -6.09 0.00	40.28 -6.02 0.00	34.81 -4.52 0.00	33.17 -4.70 0.00	31.54 -4.63 0.00	31.33 -4.44 0.00
CH_RES_SYRACUSE 23985	30.68 -0.40 0.00	29.33 -0.42 0.00	28.30 -0.46 0.00	28.15 -0.43 0.00	28.72 -0.38 0.00	29.80 -0.30 0.00	35.32 -0.39 0.00	38.03 -0.23 0.00	38.11 -0.35 0.00	36.02 -0.36 0.00	39.24 -0.20 0.00	38.75 -0.19 0.00	37.71 -0.31 0.00	37.83 -0.23 0.00	38.00 -0.19 0.00	38.54 -0.23 0.00	45.23 -0.32 0.00	50.68 -0.25 0.00	48.38 -0.29 0.00	45.97 -0.32 0.00	39.10 -0.23 0.00	37.45 -0.42 0.00	35.62 -0.54 0.00	35.23 -0.54 0.00
CLINTON_WT_PWR 323605	32.23 1.15 0.00	30.93 1.19 0.00	29.86 1.09 0.00	29.61 1.03 0.00	30.12 1.02 0.00	31.30 1.21 0.00	36.64 0.93 0.00	38.91 0.65 0.00	39.19 0.73 0.00	37.18 0.80 0.00	39.99 0.55 0.00	39.45 0.50 0.00	38.66 0.65 0.00	38.59 0.53 0.00	38.69 0.50 0.00	39.31 0.54 0.00	46.28 0.73 0.00	51.85 0.92 0.00	49.64 0.97 0.00	46.99 0.70 0.00	39.96 0.63 0.00	38.66 0.80 0.00	37.18 1.01 0.00	37.20 1.43 0.00
CLINTON___LFGE 323618	32.73 1.65 0.00	31.41 1.66 0.00	30.29 1.52 0.00	30.03 1.46 0.00	30.58 1.48 0.00	31.84 1.75 0.00	37.21 1.50 0.00	39.52 1.26 0.00	39.84 1.38 0.00	37.76 1.38 0.00	40.62 1.18 0.00	40.03 1.09 0.00	39.23 1.22 0.00	39.16 1.10 0.00	39.26 1.07 0.00	39.93 1.16 0.00	47.01 1.46 0.00	52.76 1.83 0.00	50.57 1.90 0.00	47.73 1.44 0.00	40.67 1.34 0.00	39.26 1.40 0.00	37.72 1.55 0.00	37.84 2.07 0.00
COBBLENY_34_KV_TB1 80064	29.68 -1.40 0.00	28.26 -1.49 0.00	26.87 -1.90 0.00	26.69 -1.89 0.00	27.27 -1.83 0.00	29.14 -0.96 0.00	33.96 -1.75 0.00	36.38 -1.87 0.00	36.42 -2.04 0.00	33.94 -2.44 0.00	36.60 -2.84 0.00	36.49 -2.45 0.00	35.39 -2.62 0.00	36.00 -2.06 0.00	36.09 -2.10 0.00	36.45 -2.33 0.00	42.04 -3.51 0.00	47.36 -3.57 0.00	45.07 -3.60 0.00	42.55 -3.75 0.00	36.89 -2.44 0.00	34.87 -2.99 0.00	33.27 -2.89 0.00	33.08 -2.68 0.00
COFFEEN___115KV_TB3 355620	30.68 -0.40 0.00	29.36 -0.39 0.00	28.39 -0.37 0.00	28.23 -0.34 0.00	28.72 -0.38 0.00	29.86 -0.24 0.00	35.35 -0.36 0.00	37.99 -0.27 0.00	38.00 -0.46 0.00	35.87 -0.51 0.00	38.85 -0.59 0.00	38.48 -0.47 0.00	37.52 -0.49 0.00	37.56 -0.49 0.00	37.70 -0.50 0.00	38.46 -0.31 0.00	45.41 -0.14 0.00	51.23 0.31 0.00	49.11 0.44 0.00	46.53 0.23 0.00	39.41 0.08 0.00	37.75 -0.11 0.00	36.09 -0.07 0.00	35.55 -0.21 0.00
COLDSPRG_115KV_BK1 355956	30.68 -0.40 0.00	29.21 -0.54 0.00	27.76 -1.01 0.00	27.61 -0.97 0.00	28.20 -0.90 0.00	30.13 0.03 0.00	35.46 -0.25 0.00	37.95 -0.31 0.00	38.04 -0.42 0.00	35.51 -0.87 0.00	38.37 -1.06 0.00	38.20 -0.74 0.00	37.10 -0.91 0.00	37.68 -0.38 0.00	37.77 -0.42 0.00	38.15 -0.62 0.00	43.91 -1.64 0.00	49.66 -1.27 0.00	47.11 -1.56 0.00	44.49 -1.81 0.00	38.62 -0.71 0.00	36.42 -1.44 0.00	34.68 -1.48 0.00	34.59 -1.18 0.00
COLONIE_LFGE___ 323577	32.23 1.15 0.00	30.81 1.07 0.00	29.86 1.09 0.00	29.66 1.09 0.00	30.15 1.05 0.00	31.12 1.02 0.00	36.96 1.25 0.00	39.79 1.53 0.00	40.08 1.62 0.00	37.73 1.35 0.00	41.17 1.73 0.00	40.70 1.75 0.00	39.65 1.63 0.00	39.65 1.60 0.00	39.87 1.68 0.00	40.52 1.75 0.00	47.65 2.10 0.00	53.32 2.39 0.00	50.86 2.19 0.00	48.43 2.13 0.00	41.10 1.77 0.00	39.42 1.55 0.00	37.40 1.23 0.00	36.94 1.18 0.00
COOPERNY_115KV_TB1 80082	31.83 0.75 0.00	30.40 0.65 0.00	29.43 0.66 0.00	29.24 0.66 0.00	29.74 0.64 0.00	30.73 0.63 0.00	36.67 0.96 0.00	39.67 1.42 0.00	40.04 1.58 0.00	37.69 1.31 0.00	40.97 1.54 0.00	40.54 1.60 0.00	39.53 1.52 0.00	39.54 1.48 0.00	39.72 1.53 0.00	40.32 1.55 0.00	47.42 1.87 0.00	53.17 2.24 0.00	50.62 1.95 0.00	48.29 1.99 0.00	40.94 1.61 0.00	39.11 1.25 0.00	37.21 1.05 0.00	36.77 1.00 0.00
COPENHAGEN_WT_PWR 323753	30.52 -0.56 0.00	29.18 -0.57 0.00	28.22 -0.55 0.00	28.06 -0.51 0.00	28.58 -0.52 0.00	29.68 -0.42 0.00	35.10 -0.61 0.00	37.64 -0.61 0.00	37.65 -0.81 0.00	35.58 -0.80 0.00	38.65 -0.79 0.00	38.28 -0.66 0.00	37.29 -0.72 0.00	37.33 -0.72 0.00	37.47 -0.73 0.00	38.19 -0.58 0.00	45.05 -0.50 0.00	50.73 -0.20 0.00	48.62 -0.05 0.00	46.06 -0.23 0.00	39.01 -0.32 0.00	37.45 -0.42 0.00	35.80 -0.36 0.00	35.30 -0.47 0.00
CORNELL_____ 23752	31.58 0.50 0.00	30.16 0.42 0.00	29.08 0.32 0.00	28.92 0.34 0.00	29.48 0.38 0.00	30.79 0.69 0.00	36.50 0.79 0.00	39.41 1.15 0.00	39.58 1.12 0.00	37.25 0.87 0.00	40.38 0.95 0.00	39.88 0.93 0.00	38.81 0.80 0.00	38.97 0.91 0.00	39.15 0.95 0.00	39.78 1.01 0.00	46.87 1.32 0.00	52.66 1.73 0.00	50.28 1.61 0.00	47.64 1.34 0.00	40.55 1.22 0.00	38.70 0.83 0.00	36.82 0.65 0.00	36.41 0.64 0.00

CORONA_69_KV_TB1 355595	41.07 1.90 -8.09	37.20 1.70 -5.77	33.52 1.67 -3.09	32.09 1.66 -1.86	32.89 1.66 -2.13	38.09 1.72 -6.27	47.46 2.36 -9.39	51.77 3.06 -10.46	51.22 3.35 -9.41	53.04 2.87 -13.79	66.42 3.23 -23.75	68.64 3.35 -26.35	63.20 3.19 -22.00	62.67 3.12 -21.50	59.66 3.21 -18.26	67.25 3.26 -25.22	70.66 3.92 -21.19	88.31 4.58 -32.80	87.80 4.04 -35.09	74.13 4.07 -23.77	67.12 3.30 -24.49	60.68 2.73 -20.09	54.16 2.46 -15.53	51.91 2.47 -13.67
CORTLAND_115KV_TB3 80093	31.30 0.22 0.00	29.92 0.18 0.00	28.85 0.09 0.00	28.69 0.11 0.00	29.25 0.15 0.00	30.46 0.36 0.00	36.14 0.43 0.00	38.98 0.73 0.00	39.15 0.69 0.00	36.89 0.51 0.00	40.03 0.59 0.00	39.57 0.62 0.00	38.55 0.53 0.00	38.66 0.61 0.00	38.84 0.65 0.00	39.43 0.66 0.00	46.37 0.82 0.00	52.05 1.12 0.00	49.64 0.97 0.00	47.08 0.79 0.00	40.08 0.75 0.00	38.28 0.42 0.00	36.46 0.29 0.00	36.05 0.29 0.00
COXSACKIE___GT 23611	33.16 2.08 0.00	31.67 1.93 0.00	30.69 1.93 0.00	30.52 1.94 0.00	30.79 1.69 0.00	31.57 1.47 0.00	37.71 2.00 0.00	39.86 1.61 0.00	40.15 1.69 0.00	37.51 1.13 0.00	40.90 1.46 0.00	40.58 1.64 0.00	39.50 1.48 0.00	39.54 1.48 0.00	39.84 1.64 0.00	40.63 1.86 0.00	47.74 2.19 0.00	53.53 2.60 0.00	51.39 2.72 0.00	48.70 2.41 0.00	41.37 2.04 0.00	39.49 1.63 0.00	37.65 1.48 0.00	37.34 1.57 0.00
CPV_VALLEY___CC1 323721	31.86 0.78 0.00	30.43 0.68 0.00	29.43 0.66 0.00	29.24 0.66 0.00	29.74 0.64 0.00	30.70 0.60 0.00	36.71 1.00 0.00	39.75 1.49 0.00	40.11 1.65 0.00	37.73 1.35 0.00	41.09 1.66 0.00	40.70 1.75 0.00	39.65 1.63 0.00	39.65 1.60 0.00	39.84 1.64 0.00	40.48 1.70 0.00	47.60 2.05 0.00	53.37 2.44 0.00	50.76 2.09 0.00	48.47 2.18 0.00	41.06 1.73 0.00	39.30 1.44 0.00	37.29 1.12 0.00	36.80 1.04 0.00
CPV_VALLEY___CC2 323722	31.86 0.78 0.00	30.43 0.68 0.00	29.43 0.66 0.00	29.24 0.66 0.00	29.74 0.64 0.00	30.70 0.60 0.00	36.71 1.00 0.00	39.75 1.49 0.00	40.11 1.65 0.00	37.73 1.35 0.00	41.09 1.66 0.00	40.70 1.75 0.00	39.65 1.63 0.00	39.65 1.60 0.00	39.84 1.64 0.00	40.48 1.70 0.00	47.60 2.05 0.00	53.37 2.44 0.00	50.76 2.09 0.00	48.47 2.18 0.00	41.06 1.73 0.00	39.30 1.44 0.00	37.29 1.12 0.00	36.80 1.04 0.00
CRESCENT___HYD 24018	32.23 1.15 0.00	30.81 1.07 0.00	29.86 1.09 0.00	29.66 1.09 0.00	30.15 1.05 0.00	31.12 1.02 0.00	36.96 1.25 0.00	39.79 1.53 0.00	40.08 1.62 0.00	37.73 1.35 0.00	41.17 1.73 0.00	40.70 1.75 0.00	39.65 1.63 0.00	39.65 1.60 0.00	39.87 1.68 0.00	40.52 1.75 0.00	47.65 2.10 0.00	53.32 2.39 0.00	50.86 2.19 0.00	48.43 2.13 0.00	41.10 1.77 0.00	39.42 1.55 0.00	37.40 1.23 0.00	36.94 1.18 0.00
CRICKET___VALLEY_CC1 323756	32.29 1.21 0.00	30.81 1.07 0.00	29.86 1.09 0.00	29.64 1.06 0.00	30.15 1.05 0.00	31.09 0.99 0.00	37.14 1.43 0.00	40.21 1.95 0.00	40.61 2.15 0.00	38.16 1.78 0.00	41.68 2.25 0.00	41.28 2.34 0.00	40.22 2.20 0.00	40.19 2.13 0.00	40.41 2.21 0.00	41.06 2.29 0.00	48.24 2.69 0.00	54.04 3.11 0.00	51.39 2.72 0.00	49.07 2.78 0.00	41.61 2.28 0.00	39.83 1.97 0.00	37.76 1.59 0.00	37.30 1.54 0.00
CRICKET___VALLEY_CC2 323757	32.29 1.21 0.00	30.81 1.07 0.00	29.86 1.09 0.00	29.64 1.06 0.00	30.15 1.05 0.00	31.09 0.99 0.00	37.14 1.43 0.00	40.21 1.95 0.00	40.61 2.15 0.00	38.16 1.78 0.00	41.68 2.25 0.00	41.28 2.34 0.00	40.22 2.20 0.00	40.19 2.13 0.00	40.41 2.21 0.00	41.06 2.29 0.00	48.24 2.69 0.00	54.04 3.11 0.00	51.39 2.72 0.00	49.07 2.78 0.00	41.61 2.28 0.00	39.83 1.97 0.00	37.76 1.59 0.00	37.30 1.54 0.00
CRICKET___VALLEY_CC3 323758	32.29 1.21 0.00	30.81 1.07 0.00	29.86 1.09 0.00	29.64 1.06 0.00	30.15 1.05 0.00	31.09 0.99 0.00	37.14 1.43 0.00	40.21 1.95 0.00	40.61 2.15 0.00	38.16 1.78 0.00	41.68 2.25 0.00	41.28 2.34 0.00	40.22 2.20 0.00	40.19 2.13 0.00	40.41 2.21 0.00	41.06 2.29 0.00	48.24 2.69 0.00	54.04 3.11 0.00	51.39 2.72 0.00	49.07 2.78 0.00	41.61 2.28 0.00	39.83 1.97 0.00	37.76 1.59 0.00	37.30 1.54 0.00
CRUCIBLE_METL_DRP 24180	30.68 -0.40 0.00	29.33 -0.42 0.00	28.30 -0.46 0.00	28.12 -0.46 0.00	28.66 -0.44 0.00	29.80 -0.30 0.00	35.32 -0.39 0.00	38.03 -0.23 0.00	38.27 -0.19 0.00	36.09 -0.29 0.00	39.16 -0.28 0.00	38.71 -0.23 0.00	37.75 -0.27 0.00	37.83 -0.23 0.00	38.00 -0.19 0.00	38.54 -0.23 0.00	45.23 -0.32 0.00	50.73 -0.20 0.00	48.38 -0.29 0.00	45.92 -0.37 0.00	39.09 -0.24 0.00	37.37 -0.49 0.00	35.62 -0.54 0.00	35.23 -0.54 0.00
DAHOWA___HYDRO 323763	32.57 1.49 0.00	31.14 1.40 0.00	30.15 1.38 0.00	29.95 1.37 0.00	30.47 1.37 0.00	31.54 1.44 0.00	37.14 1.43 0.00	39.94 1.68 0.00	40.19 1.73 0.00	37.84 1.46 0.00	41.25 1.82 0.00	40.77 1.83 0.00	39.65 1.63 0.00	39.69 1.64 0.00	39.91 1.72 0.00	40.60 1.82 0.00	47.78 2.23 0.00	53.58 2.65 0.00	51.25 2.58 0.00	48.65 2.36 0.00	41.33 2.00 0.00	39.49 1.63 0.00	37.43 1.27 0.00	36.98 1.22 0.00
DANC___LFGE 323619	30.33 -0.75 0.00	29.03 -0.71 0.00	28.05 -0.72 0.00	27.89 -0.69 0.00	28.37 -0.73 0.00	29.47 -0.63 0.00	34.85 -0.86 0.00	37.42 -0.84 0.00	37.42 -1.04 0.00	35.40 -0.98 0.00	38.49 -0.95 0.00	38.12 -0.82 0.00	37.14 -0.87 0.00	37.18 -0.87 0.00	37.28 -0.92 0.00	37.96 -0.82 0.00	44.68 -0.87 0.00	50.22 -0.71 0.00	48.09 -0.58 0.00	45.60 -0.69 0.00	38.66 -0.67 0.00	37.11 -0.76 0.00	35.48 -0.69 0.00	35.01 -0.75 0.00
DANSKAMMER___1 23586	32.51 1.43 0.00	30.99 1.25 0.00	30.00 1.24 0.00	29.81 1.23 0.00	30.23 1.13 0.00	31.18 1.08 0.00	37.39 1.68 0.00	40.44 2.18 0.00	40.85 2.39 0.00	38.34 1.96 0.00	41.80 2.37 0.00	41.47 2.53 0.00	40.37 2.36 0.00	40.38 2.32 0.00	40.56 2.37 0.00	41.26 2.48 0.00	48.51 2.96 0.00	54.39 3.46 0.00	51.79 3.12 0.00	49.40 3.10 0.00	41.89 2.55 0.00	39.98 2.12 0.00	37.94 1.77 0.00	37.45 1.68 0.00
DANSKAMMER___2 23589	32.51 1.43 0.00	30.99 1.25 0.00	30.00 1.24 0.00	29.81 1.23 0.00	30.23 1.13 0.00	31.18 1.08 0.00	37.39 1.68 0.00	40.44 2.18 0.00	40.85 2.39 0.00	38.34 1.96 0.00	41.80 2.37 0.00	41.47 2.53 0.00	40.37 2.36 0.00	40.38 2.32 0.00	40.56 2.37 0.00	41.26 2.48 0.00	48.51 2.96 0.00	54.39 3.46 0.00	51.79 3.12 0.00	49.40 3.10 0.00	41.89 2.55 0.00	39.98 2.12 0.00	37.94 1.77 0.00	37.45 1.68 0.00
DANSKAMMER___3 23590	32.51 1.43 0.00	30.99 1.25 0.00	30.00 1.24 0.00	29.81 1.23 0.00	30.23 1.13 0.00	31.18 1.08 0.00	37.39 1.68 0.00	40.44 2.18 0.00	40.85 2.39 0.00	38.34 1.96 0.00	41.80 2.37 0.00	41.47 2.53 0.00	40.37 2.36 0.00	40.38 2.32 0.00	40.56 2.37 0.00	41.26 2.48 0.00	48.51 2.96 0.00	54.39 3.46 0.00	51.79 3.12 0.00	49.40 3.10 0.00	41.89 2.55 0.00	39.98 2.12 0.00	37.94 1.77 0.00	37.45 1.68 0.00

DANSKAMMER___4 23591	32.51 1.43 0.00	30.99 1.25 0.00	30.00 1.24 0.00	29.81 1.23 0.00	30.23 1.13 0.00	31.18 1.08 0.00	37.39 1.68 0.00	40.44 2.18 0.00	40.85 2.39 0.00	38.34 1.96 0.00	41.80 2.37 0.00	41.47 2.53 0.00	40.37 2.36 0.00	40.38 2.32 0.00	40.56 2.37 0.00	41.26 2.48 0.00	48.51 2.96 0.00	54.39 3.46 0.00	51.79 3.12 0.00	49.40 3.10 0.00	41.89 2.55 0.00	39.98 2.12 0.00	37.94 1.77 0.00	37.45 1.68 0.00
DANSKAMMER___DIESEL 23592	32.51 1.43 0.00	30.99 1.25 0.00	30.03 1.27 0.00	29.84 1.26 0.00	30.26 1.16 0.00	31.21 1.11 0.00	37.39 1.68 0.00	40.44 2.18 0.00	40.92 2.46 0.00	38.38 2.00 0.00	41.80 2.37 0.00	41.48 2.53 0.00	40.41 2.39 0.00	40.38 2.32 0.00	40.60 2.41 0.00	41.25 2.48 0.00	48.47 2.92 0.00	54.39 3.46 0.00	51.74 3.07 0.00	49.40 3.10 0.00	41.85 2.52 0.00	39.87 2.01 0.00	37.94 1.77 0.00	37.45 1.68 0.00
DARBY___SOLAR 323810	32.51 1.43 0.00	31.08 1.34 0.00	30.09 1.32 0.00	29.89 1.32 0.00	30.41 1.31 0.00	31.46 1.36 0.00	37.10 1.39 0.00	39.90 1.64 0.00	40.19 1.73 0.00	37.80 1.42 0.00	41.25 1.82 0.00	40.77 1.83 0.00	39.68 1.67 0.00	39.69 1.64 0.00	39.95 1.76 0.00	40.60 1.82 0.00	47.78 2.23 0.00	53.53 2.60 0.00	51.20 2.53 0.00	48.65 2.36 0.00	41.30 1.97 0.00	39.49 1.63 0.00	37.47 1.30 0.00	36.98 1.22 0.00
DASHVILLE___HYD 23610	32.20 1.12 0.00	30.69 0.95 0.00	29.74 0.98 0.00	29.55 0.97 0.00	29.97 0.87 0.00	30.91 0.81 0.00	37.00 1.29 0.00	40.02 1.76 0.00	40.46 2.00 0.00	37.94 1.56 0.00	41.29 1.85 0.00	40.97 2.03 0.00	39.91 1.90 0.00	39.88 1.83 0.00	40.10 1.91 0.00	40.75 1.98 0.00	47.92 2.37 0.00	53.78 2.85 0.00	51.10 2.43 0.00	48.84 2.55 0.00	41.34 2.01 0.00	39.45 1.59 0.00	37.58 1.41 0.00	37.16 1.39 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	41.91 2.74 -8.09	38.10 2.59 -5.77	34.35 2.50 -3.09	32.92 2.49 -1.86	33.77 2.53 -2.13	38.96 2.59 -6.27	48.53 3.43 -9.39	53.11 4.40 -10.46	52.56 4.69 -9.41	54.50 4.33 -13.79	67.92 4.73 -23.75	70.00 4.71 -26.35	64.61 4.60 -22.00	64.09 4.53 -21.50	61.12 4.66 -18.26	68.65 4.65 -25.23	72.35 5.60 -21.20	90.55 6.82 -32.80	89.94 6.18 -35.09	76.08 6.02 -23.77	68.58 4.76 -24.50	62.16 4.20 -20.10	55.28 3.58 -15.53	52.98 3.54 -13.67
DELAWARE___LFGE 323621	32.01 0.93 0.00	30.64 0.89 0.00	29.66 0.89 0.00	29.46 0.89 0.00	30.00 0.90 0.00	31.03 0.93 0.00	36.96 1.25 0.00	39.94 1.68 0.00	40.23 1.77 0.00	37.91 1.53 0.00	41.17 1.74 0.00	40.74 1.79 0.00	39.72 1.71 0.00	39.77 1.71 0.00	39.95 1.76 0.00	40.52 1.74 0.00	47.60 2.05 0.00	53.42 2.50 0.00	50.96 2.29 0.00	48.52 2.22 0.00	41.18 1.85 0.00	39.34 1.48 0.00	37.43 1.27 0.00	36.98 1.22 0.00
DERFIELD_115KV_TB7 355931	31.24 0.16 0.00	29.86 0.12 0.00	28.91 0.14 0.00	28.72 0.14 0.00	29.25 0.15 0.00	30.22 0.12 0.00	35.92 0.21 0.00	38.60 0.34 0.00	38.81 0.35 0.00	36.63 0.25 0.00	39.79 0.35 0.00	39.33 0.39 0.00	38.39 0.38 0.00	38.40 0.34 0.00	38.58 0.38 0.00	39.16 0.39 0.00	46.01 0.46 0.00	51.49 0.56 0.00	49.16 0.49 0.00	46.80 0.51 0.00	39.72 0.39 0.00	38.13 0.27 0.00	36.42 0.25 0.00	35.98 0.21 0.00
DOGLEVILLE___HYD 23807	31.14 0.06 0.00	29.74 0.00 0.00	28.74 -0.03 0.00	28.52 -0.06 0.00	29.01 -0.09 0.00	29.98 -0.12 0.00	35.67 -0.04 0.00	38.37 0.12 0.00	38.54 0.08 0.00	36.42 0.04 0.00	39.59 0.16 0.00	39.14 0.20 0.00	38.21 0.19 0.00	38.25 0.19 0.00	38.42 0.23 0.00	39.05 0.27 0.00	45.91 0.36 0.00	51.39 0.46 0.00	49.06 0.39 0.00	46.71 0.42 0.00	39.64 0.31 0.00	38.13 0.27 0.00	36.38 0.22 0.00	36.02 0.25 0.00
DUNKIRK___115KV_TB_200 55889	29.87 -1.21 0.00	28.43 -1.31 0.00	27.01 -1.75 0.00	26.83 -1.74 0.00	27.41 -1.69 0.00	29.29 -0.81 0.00	34.21 -1.50 0.00	36.61 -1.65 0.00	36.69 -1.77 0.00	34.20 -2.18 0.00	36.95 -2.48 0.00	36.80 -2.14 0.00	35.73 -2.28 0.00	36.34 -1.71 0.00	36.44 -1.76 0.00	36.79 -1.98 0.00	42.50 -3.05 0.00	47.87 -3.06 0.00	45.55 -3.11 0.00	42.96 -3.33 0.00	37.28 -2.05 0.00	35.21 -2.65 0.00	33.60 -2.57 0.00	33.44 -2.32 0.00
DUNKIRK___1 23563	29.87 -1.21 0.00	28.43 -1.31 0.00	27.01 -1.75 0.00	26.83 -1.74 0.00	27.41 -1.69 0.00	29.29 -0.81 0.00	34.21 -1.50 0.00	36.61 -1.65 0.00	36.69 -1.77 0.00	34.20 -2.18 0.00	36.95 -2.48 0.00	36.80 -2.14 0.00	35.73 -2.28 0.00	36.34 -1.71 0.00	36.44 -1.76 0.00	36.79 -1.98 0.00	42.50 -3.05 0.00	47.87 -3.06 0.00	45.55 -3.11 0.00	42.96 -3.33 0.00	37.28 -2.05 0.00	35.21 -2.65 0.00	33.60 -2.57 0.00	33.44 -2.32 0.00
DUNKIRK___2 23564	29.87 -1.21 0.00	28.43 -1.31 0.00	27.01 -1.75 0.00	26.83 -1.74 0.00	27.41 -1.69 0.00	29.29 -0.81 0.00	34.21 -1.50 0.00	36.61 -1.65 0.00	36.69 -1.77 0.00	34.20 -2.18 0.00	36.95 -2.48 0.00	36.80 -2.14 0.00	35.73 -2.28 0.00	36.34 -1.71 0.00	36.44 -1.76 0.00	36.79 -1.98 0.00	42.50 -3.05 0.00	47.87 -3.06 0.00	45.55 -3.11 0.00	42.96 -3.33 0.00	37.28 -2.05 0.00	35.21 -2.65 0.00	33.60 -2.57 0.00	33.44 -2.32 0.00
DUNKIRK___3 23565	29.78 -1.31 0.00	28.37 -1.37 0.00	26.98 -1.78 0.00	26.78 -1.80 0.00	27.38 -1.72 0.00	29.23 -0.87 0.00	34.17 -1.54 0.00	36.54 -1.72 0.00	36.54 -1.92 0.00	34.09 -2.29 0.00	36.79 -2.64 0.00	36.65 -2.30 0.00	35.58 -2.43 0.00	36.19 -1.86 0.00	36.28 -1.91 0.00	36.64 -2.13 0.00	42.32 -3.23 0.00	47.72 -3.21 0.00	45.36 -3.31 0.00	42.82 -3.47 0.00	37.17 -2.16 0.00	35.10 -2.76 0.00	33.49 -2.68 0.00	33.37 -2.40 0.00
DUNKIRK___4 23566	29.74 -1.34 0.00	28.34 -1.40 0.00	26.92 -1.84 0.00	26.75 -1.83 0.00	27.32 -1.78 0.00	29.20 -0.90 0.00	34.10 -1.61 0.00	36.50 -1.76 0.00	36.54 -1.92 0.00	34.05 -2.33 0.00	36.75 -2.68 0.00	36.65 -2.30 0.00	35.58 -2.43 0.00	36.19 -1.86 0.00	36.28 -1.91 0.00	36.64 -2.13 0.00	42.32 -3.23 0.00	47.67 -3.26 0.00	45.36 -3.31 0.00	42.82 -3.47 0.00	37.17 -2.16 0.00	35.10 -2.76 0.00	33.49 -2.68 0.00	33.33 -2.43 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.39 1.31 0.00	30.87 1.13 0.00	29.89 1.12 0.00	29.69 1.11 0.00	30.23 1.13 0.00	31.24 1.14 0.00	37.39 1.68 0.00	40.71 2.45 0.00	41.23 2.77 0.00	38.71 2.33 0.00	42.16 2.72 0.00	41.75 2.80 0.00	40.68 2.66 0.00	40.64 2.59 0.00	40.91 2.71 0.00	41.53 2.75 0.00	48.88 3.33 0.00	54.80 3.87 0.00	51.98 3.31 0.00	49.77 3.47 0.00	42.04 2.71 0.00	40.10 2.23 0.00	38.05 1.88 0.00	37.59 1.82 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.26 1.18 0.00	30.75 1.01 0.00	29.80 1.04 0.00	29.61 1.03 0.00	30.06 0.96 0.00	31.03 0.93 0.00	37.14 1.43 0.00	40.21 1.95 0.00	40.65 2.19 0.00	38.16 1.78 0.00	41.57 2.13 0.00	41.20 2.26 0.00	40.14 2.13 0.00	40.11 2.06 0.00	40.33 2.14 0.00	40.98 2.21 0.00	48.19 2.64 0.00	54.04 3.11 0.00	51.39 2.73 0.00	49.07 2.78 0.00	41.57 2.24 0.00	39.64 1.78 0.00	37.68 1.52 0.00	37.23 1.47 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	32.54 1.46 0.00	30.96 1.22 0.00	29.97 1.21 0.00	29.81 1.23 0.00	30.32 1.22 0.00	31.15 1.05 0.00	37.25 1.54 0.00	40.59 2.33 0.00	41.27 2.81 0.00	38.67 2.29 0.00	42.20 2.76 0.00	41.79 2.84 0.00	40.75 2.74 0.00	40.68 2.63 0.00	41.02 2.83 0.00	41.60 2.83 0.00	48.88 3.33 0.00	54.85 3.92 0.00	52.03 3.36 0.00	49.81 3.52 0.00	42.08 2.75 0.00	40.21 2.35 0.00	38.16 1.99 0.00	37.91 2.15 0.00
E179THST_13_KV_LOAD 356214	32.63 1.55 0.00	31.05 1.31 0.00	30.06 1.29 0.00	29.89 1.31 0.00	30.41 1.31 0.00	31.24 1.14 0.00	37.39 1.68 0.00	40.78 2.53 0.00	41.46 3.00 0.00	38.85 2.47 0.00	42.35 2.92 0.00	41.94 3.00 0.00	40.94 2.93 0.00	40.83 2.78 0.00	41.21 3.02 0.00	41.80 3.02 0.00	49.10 3.55 0.00	55.11 4.18 0.00	52.27 3.60 0.00	50.09 3.80 0.00	42.28 2.95 0.00	40.40 2.54 0.00	38.30 2.13 0.00	38.06 2.29 0.00
EAST HAMPTON___GT 23717	41.94 2.77 -8.09	38.09 2.59 -5.77	34.35 2.50 -3.09	32.92 2.49 -1.86	33.80 2.56 -2.13	38.99 2.62 -6.27	48.60 3.50 -9.39	53.23 4.51 -10.46	52.56 4.69 -9.41	54.53 4.36 -13.79	68.04 4.85 -23.75	70.12 4.83 -26.35	64.65 4.64 -22.00	64.12 4.56 -21.50	61.15 4.70 -18.26	68.73 4.73 -25.23	72.49 5.74 -21.20	90.71 6.98 -32.80	90.14 6.37 -35.09	76.31 6.25 -23.77	68.74 4.92 -24.50	62.43 4.47 -20.10	55.35 3.65 -15.53	53.05 3.61 -13.67
EAST RIVER___6 23660	32.51 1.43 0.00	30.99 1.25 0.00	30.00 1.24 0.00	29.78 1.20 0.00	30.35 1.25 0.00	31.30 1.21 0.00	37.64 1.93 0.00	41.01 2.76 0.00	41.57 3.11 0.00	39.03 2.65 0.00	42.59 3.16 0.00	42.17 3.23 0.00	41.13 3.12 0.00	41.06 3.01 0.00	41.33 3.13 0.00	41.95 3.18 0.00	49.42 3.87 0.00	55.31 4.38 0.00	52.47 3.80 0.00	50.28 3.98 0.00	42.44 3.11 0.00	40.55 2.69 0.00	38.41 2.24 0.00	37.91 2.15 0.00
EAST RIVER___7 23524	32.51 1.43 0.00	30.99 1.25 0.00	30.00 1.24 0.00	29.78 1.20 0.00	30.35 1.25 0.00	31.30 1.21 0.00	37.64 1.93 0.00	41.01 2.76 0.00	41.57 3.11 0.00	39.03 2.65 0.00	42.59 3.16 0.00	42.17 3.23 0.00	41.13 3.12 0.00	41.06 3.01 0.00	41.33 3.13 0.00	41.95 3.18 0.00	49.42 3.87 0.00	55.31 4.38 0.00	52.47 3.80 0.00	50.28 3.98 0.00	42.44 3.11 0.00	40.55 2.69 0.00	38.41 2.24 0.00	37.91 2.15 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.36 1.27 0.00	30.84 1.10 0.00	29.89 1.12 0.00	29.69 1.11 0.00	30.21 1.11 0.00	31.21 1.11 0.00	37.35 1.64 0.00	40.63 2.37 0.00	41.15 2.69 0.00	38.64 2.26 0.00	42.08 2.64 0.00	41.67 2.73 0.00	40.60 2.58 0.00	40.57 2.51 0.00	40.79 2.60 0.00	41.45 2.68 0.00	48.74 3.19 0.00	54.70 3.77 0.00	51.88 3.21 0.00	49.63 3.33 0.00	41.97 2.64 0.00	40.02 2.16 0.00	38.01 1.84 0.00	37.52 1.75 0.00
EAST_HAMPTON___DIESEL 23722	41.91 2.74 -8.09	38.07 2.56 -5.77	34.32 2.47 -3.09	32.89 2.46 -1.86	33.76 2.53 -2.13	38.96 2.59 -6.27	48.56 3.46 -9.39	53.19 4.47 -10.46	52.52 4.65 -9.41	54.50 4.33 -13.79	68.00 4.81 -23.75	70.08 4.79 -26.35	64.61 4.60 -22.00	64.08 4.53 -21.50	61.11 4.66 -18.26	68.69 4.69 -25.23	72.44 5.69 -21.20	90.66 6.93 -32.80	90.09 6.32 -35.09	76.27 6.21 -23.77	68.74 4.92 -24.50	62.39 4.43 -20.10	55.32 3.62 -15.53	53.02 3.58 -13.67
EAST_PULASKI___ESR 323781	30.24 -0.84 0.00	28.91 -0.83 0.00	27.93 -0.83 0.00	27.78 -0.80 0.00	28.26 -0.84 0.00	29.38 -0.72 0.00	34.75 -0.96 0.00	37.38 -0.88 0.00	37.58 -0.88 0.00	35.47 -0.91 0.00	38.37 -1.06 0.00	37.97 -0.97 0.00	37.03 -0.99 0.00	37.07 -0.99 0.00	37.16 -1.03 0.00	37.76 -1.01 0.00	44.41 -1.14 0.00	49.86 -1.07 0.00	47.60 -1.07 0.00	45.18 -1.11 0.00	38.39 -0.94 0.00	36.80 -1.06 0.00	35.26 -0.90 0.00	34.80 -0.97 0.00
EAST_RIVER___1 323558	32.45 1.37 0.00	30.93 1.19 0.00	29.94 1.18 0.00	29.72 1.14 0.00	30.29 1.19 0.00	31.24 1.14 0.00	37.53 1.82 0.00	40.86 2.60 0.00	41.35 2.89 0.00	38.86 2.48 0.00	42.40 2.96 0.00	41.98 3.04 0.00	40.90 2.89 0.00	40.83 2.78 0.00	41.10 2.90 0.00	41.72 2.95 0.00	49.15 3.60 0.00	55.00 4.08 0.00	52.22 3.55 0.00	50.00 3.71 0.00	42.28 2.95 0.00	40.44 2.58 0.00	38.26 2.10 0.00	37.77 2.00 0.00
EAST_RIVER___2 323559	32.51 1.43 0.00	30.99 1.25 0.00	30.00 1.24 0.00	29.78 1.20 0.00	30.35 1.25 0.00	31.30 1.21 0.00	37.64 1.93 0.00	41.01 2.76 0.00	41.57 3.11 0.00	39.03 2.65 0.00	42.59 3.16 0.00	42.17 3.23 0.00	41.13 3.12 0.00	41.06 3.01 0.00	41.33 3.13 0.00	41.95 3.18 0.00	49.42 3.87 0.00	55.31 4.38 0.00	52.47 3.80 0.00	50.28 3.98 0.00	42.44 3.11 0.00	40.55 2.69 0.00	38.41 2.24 0.00	37.91 2.15 0.00
EAST___DELAWARE_HYD 23607	32.63 1.55 0.00	31.11 1.37 0.00	30.09 1.32 0.00	29.89 1.32 0.00	30.29 1.19 0.00	31.30 1.21 0.00	37.57 1.86 0.00	40.55 2.30 0.00	40.92 2.46 0.00	38.38 2.00 0.00	41.84 2.41 0.00	41.47 2.53 0.00	40.41 2.40 0.00	40.38 2.32 0.00	40.60 2.41 0.00	41.29 2.52 0.00	48.60 3.05 0.00	54.60 3.67 0.00	51.98 3.31 0.00	49.63 3.34 0.00	42.04 2.71 0.00	40.13 2.27 0.00	38.12 1.95 0.00	37.59 1.82 0.00
EIGHT_POINT___WT_PWR 323820	30.68 -0.40 0.00	29.24 -0.51 0.00	27.96 -0.81 0.00	27.83 -0.74 0.00	28.72 -0.38 0.00	30.16 0.06 0.00	35.28 -0.43 0.00	37.95 -0.31 0.00	37.54 -0.92 0.00	35.29 -1.09 0.00	38.65 -0.79 0.00	38.12 -0.82 0.00	36.99 -1.02 0.00	37.45 -0.61 0.00	37.66 -0.53 0.00	38.23 -0.54 0.00	44.96 -0.59 0.00	50.63 -0.30 0.00	48.33 -0.34 0.00	45.79 -0.51 0.00	39.33 0.00 0.00	37.52 -0.34 0.00	35.52 -0.65 0.00	35.27 -0.50 0.00
ELBRIDGE_115KV_TB2 80188	30.52 -0.56 0.00	29.15 -0.59 0.00	28.13 -0.63 0.00	27.95 -0.63 0.00	28.52 -0.58 0.00	29.65 -0.45 0.00	35.14 -0.57 0.00	37.84 -0.42 0.00	38.04 -0.42 0.00	35.87 -0.51 0.00	38.92 -0.51 0.00	38.48 -0.47 0.00	37.48 -0.53 0.00	37.60 -0.46 0.00	37.77 -0.42 0.00	38.31 -0.47 0.00	44.96 -0.59 0.00	50.42 -0.51 0.00	48.08 -0.58 0.00	45.69 -0.60 0.00	38.86 -0.47 0.00	37.18 -0.68 0.00	35.44 -0.72 0.00	35.01 -0.75 0.00
ELEC_TRO_TEK 24086	40.94 1.77 -8.09	37.08 1.58 -5.77	33.43 1.58 -3.09	31.98 1.54 -1.86	32.81 1.57 -2.13	37.97 1.60 -6.27	47.31 2.21 -9.39	51.74 3.02 -10.46	51.22 3.35 -9.41	53.04 2.87 -13.79	66.46 3.27 -23.75	68.68 3.39 -26.35	63.24 3.23 -22.00	62.71 3.16 -21.50	59.70 3.25 -18.26	67.29 3.30 -25.22	70.71 3.96 -21.19	88.31 4.58 -32.80	87.80 4.04 -35.09	74.18 4.12 -23.77	67.12 3.30 -24.49	60.72 2.76 -20.09	54.12 2.42 -15.53	51.76 2.32 -13.67
ELLENBURG_WT_PWR 323604	32.23 1.15 0.00	30.93 1.19 0.00	29.86 1.09 0.00	29.61 1.03 0.00	30.12 1.02 0.00	31.30 1.21 0.00	36.64 0.93 0.00	38.91 0.65 0.00	39.19 0.73 0.00	37.18 0.80 0.00	39.99 0.55 0.00	39.45 0.50 0.00	38.66 0.65 0.00	38.59 0.53 0.00	38.69 0.50 0.00	39.31 0.54 0.00	46.28 0.73 0.00	51.85 0.92 0.00	49.64 0.97 0.00	46.99 0.70 0.00	39.96 0.63 0.00	38.66 0.80 0.00	37.18 1.01 0.00	37.20 1.43 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.31 -1.77 0.00	27.93 -1.81 0.00	26.52 -2.24 0.00	26.35 -2.23 0.00	26.89 -2.21 0.00	28.75 -1.35 0.00	33.46 -2.25 0.00	35.85 -2.41 0.00	35.88 -2.58 0.00	33.40 -2.98 0.00	36.01 -3.43 0.00	35.91 -3.04 0.00	34.82 -3.19 0.00	35.47 -2.59 0.00	35.56 -2.64 0.00	35.90 -2.87 0.00	41.50 -4.05 0.00	46.65 -4.28 0.00	44.43 -4.23 0.00	41.94 -4.35 0.00	36.38 -2.95 0.00	34.42 -3.45 0.00	32.87 -3.29 0.00	32.69 -3.08 0.00
EMPIRE_CC_1 323656	31.95 0.87 0.00	30.57 0.83 0.00	29.63 0.86 0.00	29.43 0.86 0.00	29.91 0.81 0.00	30.82 0.72 0.00	36.64 0.93 0.00	39.33 1.07 0.00	39.61 1.15 0.00	37.32 0.94 0.00	40.90 1.46 0.00	40.46 1.52 0.00	39.42 1.41 0.00	39.42 1.37 0.00	39.65 1.45 0.00	40.28 1.51 0.00	47.33 1.77 0.00	52.71 1.78 0.00	50.27 1.60 0.00	47.87 1.57 0.00	40.63 1.30 0.00	39.11 1.25 0.00	37.14 0.98 0.00	36.73 0.97 0.00
EMPIRE_CC_2 323658	31.95 0.87 0.00	30.57 0.83 0.00	29.63 0.86 0.00	29.43 0.86 0.00	29.91 0.81 0.00	30.82 0.72 0.00	36.64 0.93 0.00	39.33 1.07 0.00	39.61 1.15 0.00	37.32 0.94 0.00	40.90 1.46 0.00	40.46 1.52 0.00	39.42 1.41 0.00	39.42 1.37 0.00	39.65 1.45 0.00	40.28 1.51 0.00	47.33 1.77 0.00	52.71 1.78 0.00	50.27 1.60 0.00	47.87 1.57 0.00	40.63 1.30 0.00	39.11 1.25 0.00	37.14 0.98 0.00	36.73 0.97 0.00
ENORWICH_115KV_TB1 80156	33.51 2.42 0.00	31.94 2.20 0.00	30.75 1.98 0.00	30.61 2.03 0.00	31.14 2.04 0.00	32.63 2.53 0.00	38.89 3.18 0.00	42.20 3.94 0.00	42.23 3.77 0.00	39.76 3.38 0.00	43.03 3.59 0.00	42.49 3.54 0.00	41.44 3.42 0.00	41.56 3.50 0.00	41.78 3.59 0.00	42.49 3.72 0.00	50.15 4.60 0.00	56.68 5.75 0.00	54.27 5.60 0.00	51.43 5.14 0.00	43.74 4.40 0.00	41.57 3.71 0.00	39.60 3.44 0.00	39.02 3.25 0.00
ERIE_ST__34_KV_TB1-2 80199	29.99 -1.09 0.00	28.55 -1.19 0.00	27.13 -1.64 0.00	26.95 -1.63 0.00	27.56 -1.54 0.00	29.44 -0.66 0.00	34.78 -0.93 0.00	37.30 -0.96 0.00	37.31 -1.15 0.00	34.78 -1.60 0.00	37.58 -1.85 0.00	37.43 -1.52 0.00	36.34 -1.67 0.00	36.91 -2.21 0.00	37.01 -2.25 0.00	37.38 -2.33 0.00	43.23 -2.32 0.00	48.74 -2.19 0.00	46.33 -2.34 0.00	43.70 -2.59 0.00	37.91 -1.42 0.00	35.82 -2.04 0.00	34.14 -2.03 0.00	33.94 -1.82 0.00
ERIE_WT_PWR 323693	29.59 -1.49 0.00	28.19 -1.55 0.00	26.87 -1.90 0.00	26.69 -1.89 0.00	27.65 -1.45 0.00	29.05 -1.05 0.00	33.82 -1.89 0.00	36.35 -1.91 0.00	35.77 -2.69 0.00	33.54 -2.84 0.00	36.91 -2.52 0.00	36.45 -2.49 0.00	35.24 -2.77 0.00	35.85 -2.21 0.00	35.94 -2.25 0.00	36.45 -2.33 0.00	42.00 -3.55 0.00	47.21 -3.72 0.00	45.07 -3.60 0.00	42.59 -3.71 0.00	36.77 -2.56 0.00	35.06 -2.80 0.00	33.24 -2.93 0.00	33.05 -2.72 0.00
ESPRGFLD_115KV_TB1 80157	32.73 1.65 0.00	31.32 1.58 0.00	30.29 1.52 0.00	30.09 1.51 0.00	30.67 1.57 0.00	31.94 1.84 0.00	38.10 2.39 0.00	41.13 2.87 0.00	41.31 2.85 0.00	38.85 2.47 0.00	42.16 2.72 0.00	41.67 2.73 0.00	40.60 2.58 0.00	40.68 2.63 0.00	40.87 2.67 0.00	41.56 2.79 0.00	48.92 3.37 0.00	55.11 4.18 0.00	52.66 3.99 0.00	50.00 3.70 0.00	42.44 3.11 0.00	40.40 2.54 0.00	38.41 2.24 0.00	37.88 2.11 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.55 0.47 0.00	30.13 0.39 0.00	29.05 0.29 0.00	28.89 0.31 0.00	29.45 0.35 0.00	30.73 0.63 0.00	36.46 0.75 0.00	39.33 1.07 0.00	39.50 1.04 0.00	37.22 0.84 0.00	40.34 0.91 0.00	39.84 0.90 0.00	38.77 0.76 0.00	38.89 0.84 0.00	39.11 0.92 0.00	39.70 0.93 0.00	46.78 1.23 0.00	52.56 1.63 0.00	50.18 1.51 0.00	47.54 1.25 0.00	40.51 1.18 0.00	38.66 0.80 0.00	36.78 0.61 0.00	36.37 0.61 0.00
ETNA____115KV_TB2 80207	31.55 0.47 0.00	30.13 0.39 0.00	29.05 0.29 0.00	28.89 0.31 0.00	29.45 0.35 0.00	30.73 0.63 0.00	36.46 0.75 0.00	39.33 1.07 0.00	39.50 1.04 0.00	37.22 0.84 0.00	40.34 0.91 0.00	39.84 0.90 0.00	38.77 0.76 0.00	38.89 0.84 0.00	39.11 0.92 0.00	39.70 0.93 0.00	46.78 1.23 0.00	52.56 1.63 0.00	50.18 1.51 0.00	47.54 1.25 0.00	40.51 1.18 0.00	38.66 0.80 0.00	36.78 0.61 0.00	36.37 0.61 0.00
EUCLID__115KV_TB2 356179	30.30 -0.78 0.00	28.97 -0.77 0.00	27.96 -0.81 0.00	27.78 -0.80 0.00	28.31 -0.79 0.00	29.41 -0.69 0.00	34.82 -0.89 0.00	37.49 -0.77 0.00	37.73 -0.73 0.00	35.54 -0.84 0.00	38.57 -0.87 0.00	38.17 -0.78 0.00	37.18 -0.84 0.00	37.29 -0.76 0.00	37.47 -0.73 0.00	38.00 -0.78 0.00	44.59 -0.96 0.00	49.96 -0.97 0.00	47.65 -1.02 0.00	45.28 -1.02 0.00	38.50 -0.83 0.00	36.88 -0.98 0.00	35.15 -1.01 0.00	34.73 -1.04 0.00
E_CANADA_CAP_HY 24051	33.04 1.96 0.00	31.62 1.87 0.00	30.58 1.81 0.00	30.38 1.80 0.00	30.93 1.83 0.00	32.21 2.11 0.00	38.42 2.71 0.00	41.40 3.14 0.00	41.46 3.00 0.00	38.96 2.58 0.00	42.40 2.96 0.00	41.87 2.92 0.00	40.71 2.70 0.00	40.80 2.74 0.00	41.06 2.87 0.00	41.83 3.06 0.00	49.33 3.78 0.00	55.56 4.63 0.00	53.20 4.53 0.00	50.46 4.17 0.00	42.87 3.54 0.00	40.85 2.99 0.00	38.66 2.49 0.00	38.13 2.36 0.00
E_CANADA_MHWK_HY 24050	31.14 0.06 0.00	29.74 0.00 0.00	28.74 -0.03 0.00	28.52 -0.06 0.00	29.01 -0.09 0.00	29.98 -0.12 0.00	35.67 -0.04 0.00	38.37 0.12 0.00	38.54 0.08 0.00	36.42 0.04 0.00	39.59 0.16 0.00	39.14 0.20 0.00	38.21 0.19 0.00	38.25 0.19 0.00	38.42 0.23 0.00	39.05 0.27 0.00	45.91 0.36 0.00	51.39 0.46 0.00	49.06 0.39 0.00	46.71 0.42 0.00	39.64 0.31 0.00	38.13 0.27 0.00	36.38 0.22 0.00	36.02 0.25 0.00
E_FISHKILL__LBMP 23776	32.26 1.18 0.00	30.78 1.04 0.00	29.83 1.06 0.00	29.64 1.06 0.00	30.15 1.05 0.00	31.09 0.99 0.00	37.17 1.46 0.00	40.32 2.07 0.00	40.77 2.31 0.00	38.31 1.93 0.00	41.72 2.29 0.00	41.32 2.38 0.00	40.26 2.24 0.00	40.26 2.21 0.00	40.49 2.29 0.00	41.10 2.33 0.00	48.33 2.78 0.00	54.19 3.26 0.00	51.49 2.82 0.00	49.21 2.92 0.00	41.65 2.32 0.00	39.76 1.89 0.00	37.76 1.59 0.00	37.30 1.54 0.00
FALCON__SEABRD_CC1 323796	32.67 1.58 0.00	31.38 1.63 0.00	30.26 1.49 0.00	29.98 1.40 0.00	30.53 1.43 0.00	31.78 1.68 0.00	36.99 1.28 0.00	39.29 1.03 0.00	39.58 1.12 0.00	37.54 1.16 0.00	40.38 0.94 0.00	39.84 0.90 0.00	39.00 0.99 0.00	38.93 0.88 0.00	39.03 0.84 0.00	39.66 0.89 0.00	46.73 1.18 0.00	52.35 1.42 0.00	50.18 1.51 0.00	47.40 1.11 0.00	40.35 1.02 0.00	39.04 1.18 0.00	37.50 1.34 0.00	37.73 1.97 0.00
FALCON__SEABRD_CC2 323797	32.67 1.58 0.00	31.38 1.63 0.00	30.26 1.49 0.00	29.98 1.40 0.00	30.53 1.43 0.00	31.78 1.68 0.00	36.99 1.28 0.00	39.29 1.03 0.00	39.58 1.12 0.00	37.54 1.16 0.00	40.38 0.94 0.00	39.84 0.90 0.00	39.00 0.99 0.00	38.93 0.88 0.00	39.03 0.84 0.00	39.66 0.89 0.00	46.73 1.18 0.00	52.35 1.42 0.00	50.18 1.51 0.00	47.40 1.11 0.00	40.35 1.02 0.00	39.04 1.18 0.00	37.50 1.34 0.00	37.73 1.97 0.00

FAR ROCKAWAY___4 23548	41.32 2.14 -8.09	37.44 1.93 -5.77	33.72 1.87 -3.09	32.29 1.86 -1.86	33.13 1.89 -2.13	38.30 1.93 -6.27	47.74 2.64 -9.39	51.81 3.10 -10.46	51.30 3.42 -9.41	53.12 2.95 -13.79	66.23 3.04 -23.75	68.48 3.19 -26.35	63.05 3.04 -22.00	62.48 2.93 -21.50	59.47 3.02 -18.26	67.06 3.06 -25.22	70.43 3.69 -21.19	88.11 4.38 -32.80	87.61 3.84 -35.09	73.95 3.89 -23.77	66.93 3.11 -24.49	60.49 2.54 -20.09	54.16 2.46 -15.53	52.16 2.72 -13.67
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.48 1.40 0.00	30.96 1.22 0.00	30.00 1.24 0.00	29.81 1.23 0.00	30.35 1.25 0.00	31.33 1.23 0.00	37.57 1.86 0.00	40.90 2.64 0.00	41.50 3.04 0.00	38.93 2.55 0.00	42.43 3.00 0.00	42.02 3.08 0.00	40.98 2.97 0.00	40.91 2.85 0.00	41.17 2.98 0.00	41.76 2.99 0.00	49.20 3.64 0.00	55.11 4.18 0.00	52.22 3.55 0.00	50.09 3.80 0.00	42.28 2.95 0.00	40.32 2.46 0.00	38.26 2.10 0.00	37.80 2.04 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.48 1.40 0.00	30.96 1.22 0.00	30.00 1.24 0.00	29.78 1.20 0.00	30.32 1.22 0.00	31.33 1.23 0.00	37.57 1.86 0.00	40.90 2.64 0.00	41.50 3.04 0.00	38.93 2.55 0.00	42.39 2.96 0.00	41.98 3.04 0.00	40.94 2.93 0.00	40.91 2.85 0.00	41.14 2.94 0.00	41.76 2.99 0.00	49.20 3.64 0.00	55.11 4.18 0.00	52.22 3.55 0.00	50.04 3.75 0.00	42.28 2.95 0.00	40.32 2.46 0.00	38.26 2.10 0.00	37.80 2.04 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.45 1.37 0.00	30.93 1.19 0.00	29.97 1.21 0.00	29.78 1.20 0.00	30.32 1.22 0.00	31.30 1.20 0.00	37.53 1.82 0.00	40.86 2.60 0.00	41.42 2.96 0.00	38.89 2.51 0.00	42.35 2.92 0.00	41.94 3.00 0.00	40.90 2.89 0.00	40.87 2.82 0.00	41.10 2.90 0.00	41.72 2.95 0.00	49.10 3.55 0.00	55.00 4.07 0.00	52.17 3.50 0.00	50.00 3.70 0.00	42.24 2.91 0.00	40.29 2.42 0.00	38.23 2.06 0.00	37.77 2.00 0.00
FARRAGUT___LBMP 323566	32.45 1.37 0.00	30.90 1.16 0.00	29.94 1.18 0.00	29.75 1.17 0.00	30.29 1.19 0.00	31.27 1.17 0.00	37.50 1.79 0.00	40.82 2.56 0.00	41.42 2.96 0.00	38.85 2.47 0.00	42.32 2.88 0.00	41.94 3.00 0.00	40.90 2.89 0.00	40.83 2.78 0.00	41.06 2.86 0.00	41.68 2.91 0.00	49.06 3.51 0.00	55.00 4.07 0.00	52.12 3.46 0.00	49.95 3.66 0.00	42.20 2.87 0.00	40.25 2.39 0.00	38.19 2.03 0.00	37.73 1.97 0.00
FENNER___WINDPWR 24204	31.58 0.50 0.00	30.19 0.45 0.00	29.17 0.40 0.00	29.01 0.43 0.00	29.59 0.49 0.00	30.73 0.63 0.00	36.46 0.75 0.00	39.29 1.03 0.00	39.38 0.92 0.00	37.18 0.80 0.00	40.42 0.99 0.00	39.92 0.97 0.00	38.93 0.91 0.00	39.01 0.95 0.00	39.15 0.96 0.00	39.78 1.01 0.00	46.78 1.23 0.00	52.46 1.53 0.00	50.08 1.41 0.00	47.55 1.25 0.00	40.39 1.06 0.00	38.73 0.87 0.00	36.85 0.69 0.00	36.41 0.64 0.00
FIBERTEK___ENERGY 23856	30.68 -0.40 0.00	29.33 -0.42 0.00	28.30 -0.46 0.00	28.12 -0.46 0.00	28.66 -0.44 0.00	29.80 -0.30 0.00	35.32 -0.39 0.00	38.03 -0.23 0.00	38.27 -0.19 0.00	36.09 -0.29 0.00	39.16 -0.28 0.00	38.71 -0.23 0.00	37.75 -0.27 0.00	37.83 -0.23 0.00	38.00 -0.19 0.00	38.54 -0.23 0.00	45.23 -0.32 0.00	50.73 -0.20 0.00	48.38 -0.29 0.00	45.92 -0.37 0.00	39.09 -0.24 0.00	37.37 -0.49 0.00	35.62 -0.54 0.00	35.23 -0.54 0.00
FITZPATRICK___ 23598	29.87 -1.21 0.00	28.55 -1.19 0.00	27.58 -1.18 0.00	27.40 -1.17 0.00	27.96 -1.14 0.00	28.96 -1.14 0.00	34.32 -1.39 0.00	36.88 -1.38 0.00	37.00 -1.46 0.00	34.96 -1.42 0.00	38.02 -1.42 0.00	37.54 -1.40 0.00	36.61 -1.41 0.00	36.69 -1.37 0.00	36.82 -1.37 0.00	37.38 -1.39 0.00	43.87 -1.68 0.00	49.15 -1.78 0.00	46.92 -1.75 0.00	44.58 -1.71 0.00	37.92 -1.41 0.00	36.39 -1.48 0.00	34.68 -1.48 0.00	34.27 -1.50 0.00
FLOWRFLD_69_KV_BK1 356044	41.53 2.36 -8.09	37.68 2.17 -5.77	33.98 2.13 -3.09	32.52 2.09 -1.86	33.36 2.12 -2.13	38.54 2.17 -6.27	48.03 2.93 -9.39	52.54 3.83 -10.46	52.03 4.15 -9.41	53.81 3.64 -13.79	67.41 4.22 -23.75	69.54 4.24 -26.35	64.12 4.11 -22.00	63.63 4.07 -21.50	60.62 4.16 -18.26	68.23 4.23 -25.23	71.85 5.10 -21.20	89.74 6.01 -32.80	89.12 5.35 -35.09	75.38 5.32 -23.77	68.15 4.33 -24.50	61.71 3.75 -20.10	54.88 3.18 -15.53	52.48 3.04 -13.67
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.54 1.46 0.00	31.05 1.31 0.00	30.06 1.29 0.00	29.86 1.29 0.00	30.29 1.19 0.00	31.27 1.17 0.00	37.42 1.71 0.00	40.51 2.26 0.00	41.00 2.54 0.00	38.42 2.04 0.00	41.88 2.45 0.00	41.51 2.57 0.00	40.45 2.43 0.00	40.45 2.40 0.00	40.64 2.44 0.00	41.29 2.52 0.00	48.56 3.01 0.00	54.49 3.57 0.00	51.83 3.16 0.00	49.49 3.19 0.00	41.93 2.60 0.00	39.91 2.04 0.00	37.97 1.81 0.00	37.48 1.72 0.00
FORT ORANGE___ 23900	31.95 0.87 0.00	30.61 0.86 0.00	29.66 0.89 0.00	29.49 0.91 0.00	29.94 0.84 0.00	30.70 0.60 0.00	36.49 0.78 0.00	38.91 0.65 0.00	39.19 0.73 0.00	36.89 0.51 0.00	40.27 0.83 0.00	39.80 0.86 0.00	38.81 0.80 0.00	38.82 0.76 0.00	39.07 0.88 0.00	39.70 0.93 0.00	46.73 1.18 0.00	52.10 1.17 0.00	49.74 1.07 0.00	47.36 1.07 0.00	40.24 0.91 0.00	38.58 0.72 0.00	36.63 0.47 0.00	36.48 0.72 0.00
FORT_DRUM_COGEN 23780	30.55 -0.53 0.00	29.27 -0.48 0.00	28.28 -0.49 0.00	28.12 -0.46 0.00	28.61 -0.49 0.00	29.74 -0.36 0.00	35.17 -0.54 0.00	37.76 -0.50 0.00	37.81 -0.65 0.00	35.69 -0.69 0.00	38.69 -0.75 0.00	38.32 -0.62 0.00	37.37 -0.65 0.00	37.41 -0.65 0.00	37.54 -0.65 0.00	38.27 -0.50 0.00	45.14 -0.41 0.00	50.88 -0.05 0.00	48.72 0.05 0.00	46.20 -0.09 0.00	39.13 -0.20 0.00	37.56 -0.30 0.00	35.91 -0.25 0.00	35.41 -0.36 0.00
FOX_HILLS___ESR 323835	32.60 1.52 0.00	31.02 1.28 0.00	30.00 1.24 0.00	29.81 1.23 0.00	30.41 1.31 0.00	31.27 1.17 0.00	37.50 1.79 0.00	40.82 2.56 0.00	41.52 3.00 -0.06	38.82 2.44 0.00	42.32 2.88 0.00	41.90 2.96 0.00	40.96 2.89 -0.06	40.80 2.74 0.00	50.18 3.06 -8.93	46.24 3.10 -4.37	49.06 3.51 0.00	67.56 4.28 -12.35	150.00 3.65 -97.69	64.12 3.84 -13.99	52.63 3.03 -10.27	53.42 2.57 -12.98	38.41 2.24 0.00	38.08 2.29 -0.02
FPL_FAR_ROCK_GT1 24212	41.32 2.14 -8.09	37.44 1.93 -5.77	33.72 1.87 -3.09	32.27 1.83 -1.86	33.10 1.86 -2.13	38.27 1.90 -6.27	47.74 2.64 -9.39	51.81 3.10 -10.46	51.18 3.31 -9.41	53.04 2.87 -13.79	66.27 3.08 -23.75	68.49 3.19 -26.35	63.01 3.00 -22.00	62.48 2.93 -21.50	59.43 2.98 -18.26	67.06 3.06 -25.22	70.48 3.74 -21.19	88.06 4.33 -32.80	87.61 3.84 -35.09	73.95 3.89 -23.77	66.97 3.15 -24.49	60.64 2.69 -20.09	54.19 2.49 -15.53	51.80 2.36 -13.67
FPL_FAR_ROCK_GT2 23815	41.32 2.14 -8.09	37.44 1.93 -5.77	33.72 1.87 -3.09	32.27 1.83 -1.86	33.10 1.86 -2.13	38.27 1.90 -6.27	47.74 2.64 -9.39	51.81 3.10 -10.46	51.18 3.31 -9.41	53.04 2.87 -13.79	66.27 3.08 -23.75	68.49 3.19 -26.35	63.01 3.00 -22.00	62.48 2.93 -21.50	59.43 2.98 -18.26	67.06 3.06 -25.22	70.48 3.74 -21.19	88.06 4.33 -32.80	87.61 3.84 -35.09	73.95 3.89 -23.77	66.97 3.15 -24.49	60.64 2.69 -20.09	54.19 2.49 -15.53	51.80 2.36 -13.67

FRANKLIN_FALL_HYD 24054	32.29 1.21 0.00	31.05 1.31 0.00	29.94 1.18 0.00	29.69 1.11 0.00	30.23 1.13 0.00	31.33 1.23 0.00	36.82 1.11 0.00	39.10 0.84 0.00	39.27 0.81 0.00	37.33 0.95 0.00	40.34 0.91 0.00	39.68 0.74 0.00	38.81 0.80 0.00	38.74 0.69 0.00	38.84 0.65 0.00	39.51 0.74 0.00	46.51 0.96 0.00	52.05 1.12 0.00	49.93 1.27 0.00	47.22 0.93 0.00	40.20 0.87 0.00	39.07 1.21 0.00	37.47 1.30 0.00	37.38 1.61 0.00
FREEPORT_EQUS_GT1 23764	41.16 1.99 -8.09	37.29 1.78 -5.77	33.60 1.75 -3.09	32.15 1.71 -1.86	32.98 1.75 -2.13	38.15 1.78 -6.27	47.56 2.46 -9.39	52.00 3.29 -10.46	51.37 3.50 -9.41	53.23 3.06 -13.79	66.78 3.59 -23.75	68.95 3.66 -26.35	63.51 3.50 -22.00	62.98 3.43 -21.50	59.96 3.51 -18.26	67.60 3.61 -25.22	70.94 4.19 -21.20	88.57 4.84 -32.80	88.09 4.33 -35.09	74.41 4.35 -23.77	67.36 3.54 -24.49	61.18 3.22 -20.10	54.41 2.71 -15.53	52.05 2.61 -13.67
FREEPORT___CT2 23818	41.16 1.99 -8.09	37.29 1.78 -5.77	33.60 1.75 -3.09	32.15 1.71 -1.86	32.98 1.75 -2.13	38.15 1.78 -6.27	47.56 2.46 -9.39	52.00 3.29 -10.46	51.37 3.50 -9.41	53.23 3.06 -13.79	66.78 3.59 -23.75	68.95 3.66 -26.35	63.51 3.50 -22.00	62.98 3.43 -21.50	59.96 3.51 -18.26	67.60 3.61 -25.22	70.94 4.19 -21.20	88.57 4.84 -32.80	88.09 4.33 -35.09	74.41 4.35 -23.77	67.36 3.54 -24.49	61.18 3.22 -20.10	54.41 2.71 -15.53	52.05 2.61 -13.67
FRESHKLS_33_KV_LOAD 356253	32.60 1.52 0.00	30.99 1.25 0.00	29.97 1.21 0.00	29.78 1.20 0.00	30.38 1.28 0.00	31.24 1.14 0.00	37.46 1.75 0.00	40.74 2.49 0.00	41.40 2.88 -0.06	38.71 2.33 0.00	42.20 2.76 0.00	41.79 2.84 0.00	40.81 2.74 -0.06	40.64 2.59 0.00	50.06 2.94 -8.93	46.16 3.02 -4.37	48.97 3.42 0.00	67.51 4.23 -12.35	150.00 3.65 -97.69	64.12 3.84 -13.99	52.59 2.99 -10.27	53.38 2.54 -12.98	38.37 2.21 0.00	38.08 2.29 -0.02
FULTON COGEN____ 23766	30.18 -0.90 0.00	28.85 -0.89 0.00	27.84 -0.92 0.00	27.69 -0.89 0.00	28.20 -0.90 0.00	29.32 -0.78 0.00	34.75 -0.96 0.00	37.42 -0.84 0.00	37.61 -0.85 0.00	35.51 -0.87 0.00	38.49 -0.95 0.00	38.05 -0.90 0.00	37.10 -0.91 0.00	37.18 -0.88 0.00	37.35 -0.84 0.00	37.88 -0.89 0.00	44.50 -1.05 0.00	49.86 -1.07 0.00	47.60 -1.07 0.00	45.18 -1.11 0.00	38.43 -0.90 0.00	36.80 -1.06 0.00	35.12 -1.05 0.00	34.69 -1.07 0.00
FULTON___LFGE 323630	34.47 3.39 0.00	33.01 3.27 0.00	31.90 3.14 0.00	31.64 3.06 0.00	32.15 3.05 0.00	33.62 3.52 0.00	40.14 4.43 0.00	43.08 4.82 0.00	43.07 4.61 0.00	40.31 3.93 0.00	43.89 4.45 0.00	43.34 4.40 0.00	42.16 4.14 0.00	42.28 4.22 0.00	42.62 4.43 0.00	43.58 4.81 0.00	51.47 5.92 0.00	58.06 7.13 0.00	55.68 7.01 0.00	52.73 6.43 0.00	44.91 5.58 0.00	42.60 4.73 0.00	40.25 4.09 0.00	39.67 3.90 0.00
G.F.CEMENT___DRP 24184	32.73 1.65 0.00	31.26 1.52 0.00	30.29 1.52 0.00	30.09 1.51 0.00	30.61 1.51 0.00	31.75 1.66 0.00	37.10 1.39 0.00	39.90 1.65 0.00	40.27 1.81 0.00	37.84 1.46 0.00	41.21 1.77 0.00	40.77 1.83 0.00	39.61 1.60 0.00	39.65 1.60 0.00	39.91 1.72 0.00	40.56 1.78 0.00	47.74 2.19 0.00	53.58 2.65 0.00	51.30 2.63 0.00	48.66 2.36 0.00	41.30 1.97 0.00	39.34 1.48 0.00	37.32 1.16 0.00	36.84 1.07 0.00
GARDENVILLE___LBMP 24039	29.46 -1.62 0.00	28.08 -1.67 0.00	26.67 -2.10 0.00	26.49 -2.09 0.00	27.06 -2.04 0.00	28.93 -1.17 0.00	33.67 -2.04 0.00	36.04 -2.22 0.00	36.08 -2.38 0.00	33.62 -2.76 0.00	36.24 -3.19 0.00	36.14 -2.80 0.00	35.09 -2.93 0.00	35.70 -2.36 0.00	35.79 -2.41 0.00	36.14 -2.64 0.00	41.77 -3.78 0.00	47.01 -3.92 0.00	44.73 -3.94 0.00	42.27 -4.03 0.00	36.66 -2.67 0.00	34.64 -3.22 0.00	33.09 -3.07 0.00	32.90 -2.86 0.00
GARDNVLA_35_KV_LD 355827	29.62 -1.46 0.00	28.23 -1.52 0.00	26.84 -1.93 0.00	26.63 -1.94 0.00	27.21 -1.89 0.00	29.08 -1.02 0.00	33.85 -1.86 0.00	36.27 -1.99 0.00	36.31 -2.15 0.00	33.83 -2.55 0.00	36.48 -2.96 0.00	36.37 -2.57 0.00	35.28 -2.74 0.00	35.89 -2.17 0.00	35.98 -2.22 0.00	36.33 -2.44 0.00	42.00 -3.55 0.00	47.26 -3.67 0.00	45.02 -3.65 0.00	42.50 -3.80 0.00	36.85 -2.48 0.00	34.83 -3.03 0.00	33.27 -2.89 0.00	33.05 -2.72 0.00
GELCKHM___115KV_LOAD 80723	30.43 -0.65 0.00	29.09 -0.65 0.00	28.07 -0.69 0.00	27.89 -0.69 0.00	28.43 -0.67 0.00	29.56 -0.54 0.00	35.00 -0.71 0.00	37.68 -0.57 0.00	37.92 -0.54 0.00	35.76 -0.62 0.00	38.81 -0.63 0.00	38.40 -0.55 0.00	37.41 -0.61 0.00	37.48 -0.57 0.00	37.66 -0.53 0.00	38.19 -0.58 0.00	44.82 -0.73 0.00	50.27 -0.66 0.00	47.94 -0.73 0.00	45.51 -0.79 0.00	38.74 -0.59 0.00	37.07 -0.80 0.00	35.33 -0.83 0.00	34.91 -0.86 0.00
GENERAL___MILLS 23808	29.59 -1.49 0.00	28.17 -1.58 0.00	26.78 -1.98 0.00	26.58 -2.00 0.00	27.15 -1.95 0.00	29.02 -1.08 0.00	33.78 -1.93 0.00	36.19 -2.07 0.00	36.23 -2.23 0.00	33.76 -2.62 0.00	36.40 -3.04 0.00	36.30 -2.65 0.00	35.20 -2.81 0.00	35.85 -2.21 0.00	35.90 -2.29 0.00	36.25 -2.52 0.00	41.91 -3.64 0.00	47.16 -3.77 0.00	44.92 -3.75 0.00	42.41 -3.89 0.00	36.77 -2.56 0.00	34.76 -3.10 0.00	33.20 -2.97 0.00	33.01 -2.75 0.00
GE_PLASTICS___DRP 24183	31.83 0.75 0.00	30.46 0.71 0.00	29.54 0.78 0.00	29.35 0.77 0.00	29.86 0.76 0.00	30.64 0.54 0.00	36.42 0.71 0.00	39.18 0.92 0.00	39.54 1.08 0.00	37.22 0.84 0.00	40.54 1.10 0.00	40.11 1.17 0.00	39.12 1.10 0.00	39.12 1.07 0.00	39.34 1.15 0.00	39.94 1.16 0.00	46.96 1.41 0.00	52.51 1.58 0.00	50.08 1.41 0.00	47.68 1.39 0.00	40.47 1.14 0.00	38.77 0.91 0.00	36.89 0.72 0.00	36.45 0.68 0.00
GILBOA___1 23756	31.80 0.72 0.00	30.49 0.74 0.00	29.60 0.83 0.00	29.41 0.83 0.00	29.83 0.73 0.00	30.70 0.60 0.00	36.53 0.82 0.00	39.40 1.15 0.00	39.69 1.23 0.00	37.40 1.02 0.00	40.74 1.30 0.00	40.31 1.36 0.00	39.27 1.25 0.00	39.31 1.25 0.00	39.49 1.30 0.00	40.09 1.32 0.00	47.15 1.59 0.00	52.76 1.83 0.00	50.27 1.60 0.00	47.91 1.62 0.00	40.67 1.34 0.00	39.00 1.13 0.00	37.03 0.87 0.00	36.59 0.82 0.00
GILBOA___2 23757	31.80 0.72 0.00	30.49 0.74 0.00	29.60 0.83 0.00	29.41 0.83 0.00	29.83 0.73 0.00	30.70 0.60 0.00	36.53 0.82 0.00	39.40 1.15 0.00	39.69 1.23 0.00	37.40 1.02 0.00	40.74 1.30 0.00	40.31 1.36 0.00	39.27 1.25 0.00	39.31 1.25 0.00	39.49 1.30 0.00	40.09 1.32 0.00	47.15 1.59 0.00	52.76 1.83 0.00	50.27 1.60 0.00	47.91 1.62 0.00	40.67 1.34 0.00	39.00 1.13 0.00	37.03 0.87 0.00	36.59 0.82 0.00
GILBOA___3 23758	31.80 0.72 0.00	30.49 0.74 0.00	29.60 0.83 0.00	29.41 0.83 0.00	29.83 0.73 0.00	30.70 0.60 0.00	36.53 0.82 0.00	39.40 1.15 0.00	39.69 1.23 0.00	37.40 1.02 0.00	40.74 1.30 0.00	40.31 1.36 0.00	39.27 1.25 0.00	39.31 1.25 0.00	39.49 1.30 0.00	40.09 1.32 0.00	47.15 1.59 0.00	52.76 1.83 0.00	50.27 1.60 0.00	47.91 1.62 0.00	40.67 1.34 0.00	39.00 1.13 0.00	37.03 0.87 0.00	36.59 0.82 0.00

GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.17 0.09 0.00	29.80 0.06 0.00	28.68 -0.09 0.00	28.52 -0.06 0.00	29.10 0.00 0.00	30.34 0.24 0.00	35.92 0.21 0.00	38.98 0.73 0.00	39.19 0.73 0.00	36.85 0.47 0.00	39.99 0.55 0.00	39.57 0.62 0.00	38.55 0.53 0.00	38.70 0.65 0.00	38.88 0.69 0.00	39.43 0.66 0.00	46.28 0.73 0.00	51.95 1.02 0.00	49.50 0.83 0.00	46.99 0.69 0.00	40.08 0.75 0.00	38.24 0.38 0.00	36.42 0.25 0.00	36.05 0.29 0.00
GOUDEY___7 23579	31.21 0.12 0.00	29.80 0.06 0.00	28.71 -0.06 0.00	28.52 -0.06 0.00	29.13 0.03 0.00	30.37 0.27 0.00	36.00 0.29 0.00	39.02 0.77 0.00	39.23 0.77 0.00	36.93 0.55 0.00	40.07 0.63 0.00	39.65 0.70 0.00	38.58 0.57 0.00	38.74 0.69 0.00	38.92 0.73 0.00	39.47 0.70 0.00	46.33 0.77 0.00	52.00 1.07 0.00	49.55 0.88 0.00	47.08 0.79 0.00	40.12 0.79 0.00	38.28 0.42 0.00	36.46 0.29 0.00	36.09 0.32 0.00
GOUDEY___8 23580	31.17 0.09 0.00	29.80 0.06 0.00	28.68 -0.09 0.00	28.52 -0.06 0.00	29.10 0.00 0.00	30.34 0.24 0.00	35.92 0.21 0.00	38.98 0.73 0.00	39.19 0.73 0.00	36.85 0.47 0.00	39.99 0.55 0.00	39.57 0.62 0.00	38.55 0.53 0.00	38.70 0.65 0.00	38.88 0.69 0.00	39.43 0.66 0.00	46.28 0.73 0.00	51.95 1.02 0.00	49.50 0.83 0.00	46.99 0.69 0.00	40.08 0.75 0.00	38.24 0.38 0.00	36.42 0.25 0.00	36.05 0.29 0.00
GOWANUS_GT1_1 24077	32.63 1.55 0.00	31.05 1.31 0.00	30.06 1.29 0.00	29.86 1.29 0.00	30.44 1.34 0.00	31.33 1.23 0.00	37.60 1.89 0.00	40.94 2.68 0.00	41.67 3.15 -0.06	39.00 2.62 0.00	42.51 3.08 0.00	42.10 3.15 0.00	41.15 3.08 -0.06	40.99 2.93 0.00	50.33 3.21 -8.93	46.36 3.22 -4.37	49.24 3.69 0.00	67.71 4.43 -12.35	150.20 3.84 -97.69	64.31 4.03 -13.99	52.75 3.15 -10.27	53.53 2.69 -12.98	38.48 2.31 0.00	38.15 2.36 -0.02
GOWANUS_GT1_2 24078	32.63 1.55 0.00	31.05 1.31 0.00	30.06 1.29 0.00	29.86 1.29 0.00	30.44 1.34 0.00	31.33 1.23 0.00	37.60 1.89 0.00	40.94 2.68 0.00	41.67 3.15 -0.06	39.00 2.62 0.00	42.51 3.08 0.00	42.10 3.15 0.00	41.15 3.08 -0.06	40.99 2.93 0.00	50.33 3.21 -8.93	46.36 3.22 -4.37	49.24 3.69 0.00	67.71 4.43 -12.35	150.20 3.84 -97.69	64.31 4.03 -13.99	52.75 3.15 -10.27	53.53 2.69 -12.98	38.48 2.31 0.00	38.15 2.36 -0.02
GOWANUS_GT1_3 24079	32.63 1.55 0.00	31.05 1.31 0.00	30.06 1.29 0.00	29.86 1.29 0.00	30.44 1.34 0.00	31.33 1.23 0.00	37.60 1.89 0.00	40.94 2.68 0.00	41.67 3.15 -0.06	39.00 2.62 0.00	42.51 3.08 0.00	42.10 3.15 0.00	41.15 3.08 -0.06	40.99 2.93 0.00	50.33 3.21 -8.93	46.36 3.22 -4.37	49.24 3.69 0.00	67.71 4.43 -12.35	150.20 3.84 -97.69	64.31 4.03 -13.99	52.75 3.15 -10.27	53.53 2.69 -12.98	38.48 2.31 0.00	38.15 2.36 -0.02
GOWANUS_GT1_4 24080	32.63 1.55 0.00	31.05 1.31 0.00	30.06 1.29 0.00	29.86 1.29 0.00	30.44 1.34 0.00	31.33 1.23 0.00	37.60 1.89 0.00	40.94 2.68 0.00	41.67 3.15 -0.06	39.00 2.62 0.00	42.51 3.08 0.00	42.10 3.15 0.00	41.15 3.08 -0.06	40.99 2.93 0.00	50.33 3.21 -8.93	46.36 3.22 -4.37	49.24 3.69 0.00	67.71 4.43 -12.35	150.20 3.84 -97.69	64.31 4.03 -13.99	52.75 3.15 -10.27	53.53 2.69 -12.98	38.48 2.31 0.00	38.15 2.36 -0.02
GOWANUS_GT1_5 24084	32.63 1.55 0.00	31.05 1.31 0.00	30.06 1.29 0.00	29.86 1.29 0.00	30.44 1.34 0.00	31.33 1.23 0.00	37.60 1.89 0.00	40.94 2.68 0.00	41.67 3.15 -0.06	39.00 2.62 0.00	42.51 3.08 0.00	42.10 3.15 0.00	41.15 3.08 -0.06	40.99 2.93 0.00	50.33 3.21 -8.93	46.36 3.22 -4.37	49.24 3.69 0.00	67.71 4.43 -12.35	150.20 3.84 -97.69	64.31 4.03 -13.99	52.75 3.15 -10.27	53.53 2.69 -12.98	38.48 2.31 0.00	38.15 2.36 -0.02
GOWANUS_GT1_6 24111	32.63 1.55 0.00	31.05 1.31 0.00	30.06 1.29 0.00	29.86 1.29 0.00	30.44 1.34 0.00	31.33 1.23 0.00	37.60 1.89 0.00	40.94 2.68 0.00	41.67 3.15 -0.06	39.00 2.62 0.00	42.51 3.08 0.00	42.10 3.15 0.00	41.15 3.08 -0.06	40.99 2.93 0.00	50.33 3.21 -8.93	46.36 3.22 -4.37	49.24 3.69 0.00	67.71 4.43 -12.35	150.20 3.84 -97.69	64.31 4.03 -13.99	52.75 3.15 -10.27	53.53 2.69 -12.98	38.48 2.31 0.00	38.15 2.36 -0.02
GOWANUS_GT1_7 24112	32.63 1.55 0.00	31.05 1.31 0.00	30.06 1.29 0.00	29.86 1.29 0.00	30.44 1.34 0.00	31.33 1.23 0.00	37.60 1.89 0.00	40.94 2.68 0.00	41.67 3.15 -0.06	39.00 2.62 0.00	42.51 3.08 0.00	42.10 3.15 0.00	41.15 3.08 -0.06	40.99 2.93 0.00	50.33 3.21 -8.93	46.36 3.22 -4.37	49.24 3.69 0.00	67.71 4.43 -12.35	150.20 3.84 -97.69	64.31 4.03 -13.99	52.75 3.15 -10.27	53.53 2.69 -12.98	38.48 2.31 0.00	38.15 2.36 -0.02
GOWANUS_GT1_8 24113	32.63 1.55 0.00	31.05 1.31 0.00	30.06 1.29 0.00	29.86 1.29 0.00	30.44 1.34 0.00	31.33 1.23 0.00	37.60 1.89 0.00	40.94 2.68 0.00	41.67 3.15 -0.06	39.00 2.62 0.00	42.51 3.08 0.00	42.10 3.15 0.00	41.15 3.08 -0.06	40.99 2.93 0.00	50.33 3.21 -8.93	46.36 3.22 -4.37	49.24 3.69 0.00	67.71 4.43 -12.35	150.20 3.84 -97.69	64.31 4.03 -13.99	52.75 3.15 -10.27	53.53 2.69 -12.98	38.48 2.31 0.00	38.15 2.36 -0.02
GOWANUS_GT2_1 24114	32.63 1.55 0.00	31.05 1.31 0.00	30.03 1.26 0.00	29.81 1.23 0.00	30.41 1.31 0.00	31.27 1.17 0.00	37.60 1.89 0.00	40.93 2.68 0.00	41.59 3.08 -0.06	38.93 2.55 0.00	42.51 3.08 0.00	42.10 3.15 0.00	41.11 3.04 -0.06	40.95 2.89 0.00	50.29 3.17 -8.93	46.36 3.22 -4.37	49.29 3.74 0.00	67.66 4.38 -12.35	150.20 3.84 -97.69	64.31 4.03 -13.99	52.79 3.18 -10.27	53.69 2.84 -12.98	38.52 2.35 0.00	38.15 2.36 -0.02
GOWANUS_GT2_2 24115	32.63 1.55 0.00	31.05 1.31 0.00	30.03 1.26 0.00	29.81 1.23 0.00	30.41 1.31 0.00	31.27 1.17 0.00	37.60 1.89 0.00	40.93 2.68 0.00	41.59 3.08 -0.06	38.93 2.55 0.00	42.51 3.08 0.00	42.10 3.15 0.00	41.11 3.04 -0.06	40.95 2.89 0.00	50.29 3.17 -8.93	46.36 3.22 -4.37	49.29 3.74 0.00	67.66 4.38 -12.35	150.20 3.84 -97.69	64.31 4.03 -13.99	52.79 3.18 -10.27	53.69 2.84 -12.98	38.52 2.35 0.00	38.15 2.36 -0.02
GOWANUS_GT2_3 24116	32.63 1.55 0.00	31.05 1.31 0.00	30.03 1.26 0.00	29.81 1.23 0.00	30.41 1.31 0.00	31.27 1.17 0.00	37.60 1.89 0.00	40.93 2.68 0.00	41.59 3.08 -0.06	38.93 2.55 0.00	42.51 3.08 0.00	42.10 3.15 0.00	41.11 3.04 -0.06	40.95 2.89 0.00	50.29 3.17 -8.93	46.36 3.22 -4.37	49.29 3.74 0.00	67.66 4.38 -12.35	150.20 3.84 -97.69	64.31 4.03 -13.99	52.79 3.18 -10.27	53.69 2.84 -12.98	38.52 2.35 0.00	38.15 2.36 -0.02
GOWANUS_GT2_4 24117	32.63 1.55 0.00	31.05 1.31 0.00	30.03 1.26 0.00	29.81 1.23 0.00	30.41 1.31 0.00	31.27 1.17 0.00	37.60 1.89 0.00	40.93 2.68 0.00	41.59 3.08 -0.06	38.93 2.55 0.00	42.51 3.08 0.00	42.10 3.15 0.00	41.11 3.04 -0.06	40.95 2.89 0.00	50.29 3.17 -8.93	46.36 3.22 -4.37	49.29 3.74 0.00	67.66 4.38 -12.35	150.20 3.84 -97.69	64.31 4.03 -13.99	52.79 3.18 -10.27	53.69 2.84 -12.98	38.52 2.35 0.00	38.15 2.36 -0.02

GOWANUS_GT4_4 24133	32.63 1.55 0.00	31.05 1.31 0.00	30.06 1.29 0.00	29.86 1.29 0.00	30.44 1.34 0.00	31.33 1.23 0.00	37.60 1.89 0.00	40.94 2.68 0.00	41.67 3.15 -0.06	39.00 2.62 0.00	42.51 3.08 0.00	42.10 3.15 0.00	41.15 3.08 -0.06	40.99 2.93 0.00	50.33 3.21 -8.93	46.36 3.22 -4.37	49.24 3.69 0.00	67.71 4.43 -12.35	150.20 3.84 -97.69	64.31 4.03 -13.99	52.75 3.15 -10.27	53.53 2.69 -12.98	38.48 2.31 0.00	38.15 2.36 -0.02
GOWANUS_GT4_5 24134	32.63 1.55 0.00	31.05 1.31 0.00	30.06 1.29 0.00	29.86 1.29 0.00	30.44 1.34 0.00	31.33 1.23 0.00	37.60 1.89 0.00	40.94 2.68 0.00	41.67 3.15 -0.06	39.00 2.62 0.00	42.51 3.08 0.00	42.10 3.15 0.00	41.15 3.08 -0.06	40.99 2.93 0.00	50.33 3.21 -8.93	46.36 3.22 -4.37	49.24 3.69 0.00	67.71 4.43 -12.35	150.20 3.84 -97.69	64.31 4.03 -13.99	52.75 3.15 -10.27	53.53 2.69 -12.98	38.48 2.31 0.00	38.15 2.36 -0.02
GOWANUS_GT4_6 24135	32.63 1.55 0.00	31.05 1.31 0.00	30.06 1.29 0.00	29.86 1.29 0.00	30.44 1.34 0.00	31.33 1.23 0.00	37.60 1.89 0.00	40.94 2.68 0.00	41.67 3.15 -0.06	39.00 2.62 0.00	42.51 3.08 0.00	42.10 3.15 0.00	41.15 3.08 -0.06	40.99 2.93 0.00	50.33 3.21 -8.93	46.36 3.22 -4.37	49.24 3.69 0.00	67.71 4.43 -12.35	150.20 3.84 -97.69	64.31 4.03 -13.99	52.75 3.15 -10.27	53.53 2.69 -12.98	38.48 2.31 0.00	38.15 2.36 -0.02
GOWANUS_GT4_7 24136	32.63 1.55 0.00	31.05 1.31 0.00	30.06 1.29 0.00	29.86 1.29 0.00	30.44 1.34 0.00	31.33 1.23 0.00	37.60 1.89 0.00	40.94 2.68 0.00	41.67 3.15 -0.06	39.00 2.62 0.00	42.51 3.08 0.00	42.10 3.15 0.00	41.15 3.08 -0.06	40.99 2.93 0.00	50.33 3.21 -8.93	46.36 3.22 -4.37	49.24 3.69 0.00	67.71 4.43 -12.35	150.20 3.84 -97.69	64.31 4.03 -13.99	52.75 3.15 -10.27	53.53 2.69 -12.98	38.48 2.31 0.00	38.15 2.36 -0.02
GOWANUS_GT4_8 24137	32.63 1.55 0.00	31.05 1.31 0.00	30.06 1.29 0.00	29.86 1.29 0.00	30.44 1.34 0.00	31.33 1.23 0.00	37.60 1.89 0.00	40.94 2.68 0.00	41.67 3.15 -0.06	39.00 2.62 0.00	42.51 3.08 0.00	42.10 3.15 0.00	41.15 3.08 -0.06	40.99 2.93 0.00	50.33 3.21 -8.93	46.36 3.22 -4.37	49.24 3.69 0.00	67.71 4.43 -12.35	150.20 3.84 -97.69	64.31 4.03 -13.99	52.75 3.15 -10.27	53.53 2.69 -12.98	38.48 2.31 0.00	38.15 2.36 -0.02
GREENBSH_115KV_TB3 55895	31.80 0.71 0.00	30.43 0.68 0.00	29.51 0.75 0.00	29.35 0.77 0.00	29.83 0.73 0.00	30.55 0.45 0.00	36.28 0.57 0.00	39.06 0.80 0.00	39.42 0.96 0.00	37.07 0.69 0.00	40.42 0.99 0.00	40.00 1.05 0.00	39.04 1.03 0.00	39.01 0.95 0.00	39.26 1.07 0.00	39.86 1.09 0.00	46.87 1.32 0.00	52.36 1.43 0.00	49.93 1.27 0.00	47.54 1.25 0.00	40.35 1.02 0.00	38.66 0.80 0.00	36.74 0.58 0.00	36.30 0.54 0.00
GREENDGE_115KV_TB5 80291	30.99 -0.09 0.00	29.56 -0.18 0.00	28.36 -0.40 0.00	28.21 -0.37 0.00	28.84 -0.26 0.00	30.37 0.27 0.00	35.75 0.04 0.00	38.41 0.15 0.00	38.50 0.04 0.00	36.31 -0.07 0.00	39.12 -0.32 0.00	38.75 -0.19 0.00	37.82 -0.19 0.00	38.02 -0.04 0.00	38.27 0.08 0.00	38.66 -0.12 0.00	45.41 -0.14 0.00	51.13 0.20 0.00	48.72 0.05 0.00	46.11 -0.19 0.00	39.45 0.12 0.00	37.64 -0.23 0.00	35.91 -0.25 0.00	35.55 -0.21 0.00
GREENIDGE___3 23582	30.99 -0.09 0.00	29.56 -0.18 0.00	28.36 -0.40 0.00	28.21 -0.37 0.00	28.84 -0.26 0.00	30.37 0.27 0.00	35.75 0.04 0.00	38.41 0.15 0.00	38.50 0.04 0.00	36.31 -0.07 0.00	39.12 -0.32 0.00	38.75 -0.19 0.00	37.82 -0.19 0.00	38.02 -0.04 0.00	38.27 0.08 0.00	38.66 -0.12 0.00	45.41 -0.14 0.00	51.13 0.20 0.00	48.72 0.05 0.00	46.11 -0.19 0.00	39.45 0.12 0.00	37.64 -0.23 0.00	35.91 -0.25 0.00	35.55 -0.21 0.00
GREENIDGE___4 23583	30.99 -0.09 0.00	29.57 -0.18 0.00	28.39 -0.37 0.00	28.26 -0.31 0.00	29.04 -0.06 0.00	30.37 0.27 0.00	35.75 0.04 0.00	38.45 0.19 0.00	38.23 -0.23 0.00	36.16 -0.22 0.00	39.36 -0.08 0.00	38.79 -0.16 0.00	37.79 -0.23 0.00	38.02 -0.04 0.00	38.31 0.11 0.00	38.69 -0.08 0.00	45.42 -0.14 0.00	51.08 0.15 0.00	48.77 0.10 0.00	46.16 -0.14 0.00	39.45 0.12 0.00	37.90 0.04 0.00	35.91 -0.25 0.00	35.55 -0.21 0.00
GREENLWN_69_KV_BK 3 55738	40.98 1.80 -8.09	37.11 1.61 -5.77	33.46 1.61 -3.09	32.04 1.60 -1.86	32.83 1.60 -2.13	38.00 1.63 -6.27	47.39 2.29 -9.39	51.66 2.95 -10.46	51.10 3.23 -9.41	52.82 2.66 -13.79	66.62 3.43 -23.75	68.80 3.50 -26.35	63.39 3.38 -22.00	62.87 3.31 -21.50	59.86 3.40 -18.26	67.45 3.45 -25.23	70.90 4.15 -21.20	88.16 4.43 -32.80	87.61 3.84 -35.09	74.13 4.07 -23.77	67.33 3.50 -24.50	60.92 2.95 -20.10	54.20 2.50 -15.53	51.84 2.40 -13.67
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.63 1.55 0.00	31.05 1.31 0.00	30.06 1.29 0.00	29.86 1.29 0.00	30.44 1.34 0.00	31.33 1.23 0.00	37.60 1.89 0.00	40.94 2.68 0.00	41.67 3.15 -0.06	39.00 2.62 0.00	42.51 3.08 0.00	42.10 3.15 0.00	41.15 3.08 -0.06	40.99 2.93 0.00	50.33 3.21 -8.93	46.36 3.22 -4.37	49.24 3.69 0.00	67.71 4.43 -12.35	150.20 3.84 -97.69	64.31 4.03 -13.99	52.75 3.15 -10.27	53.53 2.69 -12.98	38.48 2.31 0.00	38.15 2.36 -0.02
GRISSOM___SOLAR 323813	34.47 3.39 0.00	33.01 3.27 0.00	31.90 3.14 0.00	31.64 3.06 0.00	32.15 3.05 0.00	33.62 3.52 0.00	40.14 4.43 0.00	43.08 4.82 0.00	43.07 4.61 0.00	40.31 3.93 0.00	43.89 4.45 0.00	43.34 4.40 0.00	42.16 4.14 0.00	42.28 4.22 0.00	42.62 4.43 0.00	43.58 4.81 0.00	51.47 5.92 0.00	58.06 7.13 0.00	55.68 7.01 0.00	52.73 6.43 0.00	44.91 5.58 0.00	42.60 4.73 0.00	40.25 4.09 0.00	39.67 3.90 0.00
GROVEVILLE___HYD 323602	32.54 1.46 0.00	31.05 1.31 0.00	30.06 1.29 0.00	29.86 1.29 0.00	30.29 1.19 0.00	31.27 1.17 0.00	37.42 1.71 0.00	40.51 2.26 0.00	41.00 2.54 0.00	38.42 2.04 0.00	41.88 2.45 0.00	41.51 2.57 0.00	40.45 2.43 0.00	40.45 2.40 0.00	40.64 2.44 0.00	41.29 2.52 0.00	48.56 3.01 0.00	54.49 3.57 0.00	51.83 3.16 0.00	49.49 3.19 0.00	41.93 2.60 0.00	39.91 2.04 0.00	37.97 1.81 0.00	37.48 1.72 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.68 -0.40 0.00	29.33 -0.42 0.00	28.30 -0.46 0.00	28.12 -0.46 0.00	28.66 -0.44 0.00	29.80 -0.30 0.00	35.32 -0.39 0.00	38.03 -0.23 0.00	38.27 -0.19 0.00	36.09 -0.29 0.00	39.16 -0.28 0.00	38.71 -0.23 0.00	37.75 -0.27 0.00	37.83 -0.23 0.00	38.00 -0.19 0.00	38.54 -0.23 0.00	45.23 -0.32 0.00	50.73 -0.20 0.00	48.38 -0.29 0.00	45.92 -0.37 0.00	39.09 -0.24 0.00	37.37 -0.49 0.00	35.62 -0.54 0.00	35.23 -0.54 0.00
HAMLTNNY_34_KV_TB 80303	30.68 -0.40 0.00	29.33 -0.42 0.00	28.28 -0.49 0.00	28.09 -0.49 0.00	28.66 -0.44 0.00	29.86 -0.24 0.00	35.35 -0.36 0.00	38.10 -0.15 0.00	38.31 -0.15 0.00	36.13 -0.25 0.00	39.20 -0.24 0.00	38.75 -0.19 0.00	37.75 -0.27 0.00	37.90 -0.15 0.00	38.04 -0.15 0.00	38.58 -0.19 0.00	45.28 -0.27 0.00	50.78 -0.15 0.00	48.43 -0.24 0.00	45.97 -0.32 0.00	39.13 -0.20 0.00	37.41 -0.45 0.00	35.62 -0.54 0.00	35.23 -0.54 0.00

HAMPSHIRE___PAPER_HYD 323593	30.74 -0.34 0.00	29.57 -0.18 0.00	28.59 -0.17 0.00	28.41 -0.17 0.00	28.90 -0.20 0.00	29.95 -0.15 0.00	35.10 -0.61 0.00	37.45 -0.81 0.00	37.61 -0.85 0.00	35.61 -0.77 0.00	38.45 -0.98 0.00	38.05 -0.89 0.00	37.10 -0.91 0.00	37.11 -0.95 0.00	37.20 -0.99 0.00	37.84 -0.93 0.00	44.55 -1.00 0.00	49.96 -0.97 0.00	47.89 -0.78 0.00	45.41 -0.88 0.00	38.54 -0.79 0.00	37.33 -0.53 0.00	35.95 -0.22 0.00	35.62 -0.14 0.00
HARDSCRABBLE_WT_PWR 323673	31.17 0.09 0.00	29.77 0.03 0.00	28.74 -0.03 0.00	28.52 -0.06 0.00	29.01 -0.09 0.00	29.98 -0.12 0.00	35.67 -0.04 0.00	38.33 0.08 0.00	38.54 0.08 0.00	36.42 0.04 0.00	39.59 0.16 0.00	39.18 0.24 0.00	38.24 0.23 0.00	38.29 0.23 0.00	38.42 0.23 0.00	39.05 0.27 0.00	45.91 0.36 0.00	51.33 0.41 0.00	49.01 0.34 0.00	46.71 0.42 0.00	39.68 0.35 0.00	38.16 0.30 0.00	36.42 0.25 0.00	36.05 0.28 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.26 1.18 0.00	30.78 1.04 0.00	29.80 1.04 0.00	29.61 1.03 0.00	30.09 0.99 0.00	31.09 0.99 0.00	37.21 1.50 0.00	40.29 2.03 0.00	40.77 2.31 0.00	38.27 1.89 0.00	41.65 2.21 0.00	41.28 2.34 0.00	40.26 2.24 0.00	40.22 2.17 0.00	40.45 2.25 0.00	41.06 2.29 0.00	48.28 2.73 0.00	54.19 3.26 0.00	51.49 2.82 0.00	49.21 2.92 0.00	41.69 2.36 0.00	39.72 1.86 0.00	37.76 1.59 0.00	37.27 1.50 0.00
HARSNRAD_115KV_TB1 81005	28.91 -2.18 0.00	27.54 -2.20 0.00	26.18 -2.59 0.00	25.95 -2.63 0.00	26.51 -2.59 0.00	28.38 -1.72 0.00	32.96 -2.75 0.00	35.31 -2.95 0.00	35.35 -3.12 0.00	32.85 -3.53 0.00	35.37 -4.06 0.00	35.32 -3.62 0.00	34.25 -3.76 0.00	34.90 -3.16 0.00	34.95 -3.25 0.00	35.32 -3.45 0.00	40.86 -4.69 0.00	45.89 -5.04 0.00	43.70 -4.96 0.00	41.25 -5.05 0.00	35.83 -3.50 0.00	33.85 -4.01 0.00	32.37 -3.80 0.00	32.15 -3.61 0.00
HARZA MOOSE___RIVER 24016	31.39 0.31 0.00	30.07 0.33 0.00	29.08 0.32 0.00	28.92 0.34 0.00	29.42 0.32 0.00	30.52 0.42 0.00	36.07 0.36 0.00	38.72 0.46 0.00	38.88 0.42 0.00	36.74 0.36 0.00	39.91 0.47 0.00	39.61 0.66 0.00	38.62 0.61 0.00	38.66 0.61 0.00	38.81 0.61 0.00	39.47 0.70 0.00	46.42 0.87 0.00	52.15 1.22 0.00	49.89 1.22 0.00	47.36 1.06 0.00	40.16 0.83 0.00	38.54 0.68 0.00	36.82 0.65 0.00	36.34 0.57 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	30.46 -0.62 0.00	29.12 -0.62 0.00	28.10 -0.66 0.00	27.92 -0.66 0.00	28.46 -0.64 0.00	29.56 -0.54 0.00	34.96 -0.75 0.00	37.68 -0.57 0.00	37.92 -0.54 0.00	35.76 -0.62 0.00	38.81 -0.63 0.00	38.36 -0.58 0.00	37.41 -0.61 0.00	37.52 -0.53 0.00	37.66 -0.53 0.00	38.19 -0.58 0.00	44.82 -0.73 0.00	50.22 -0.71 0.00	47.94 -0.73 0.00	45.51 -0.79 0.00	38.70 -0.63 0.00	37.03 -0.83 0.00	35.30 -0.87 0.00	34.87 -0.89 0.00
HELLGATE_13_KV_LD 55870	32.48 1.40 0.00	30.93 1.19 0.00	29.97 1.21 0.00	29.78 1.20 0.00	30.32 1.22 0.00	31.21 1.11 0.00	37.39 1.68 0.00	40.78 2.53 0.00	41.42 2.96 0.00	38.82 2.44 0.00	42.35 2.92 0.00	41.94 3.00 0.00	40.90 2.89 0.00	40.83 2.78 0.00	41.17 2.98 0.00	41.76 2.99 0.00	49.06 3.51 0.00	55.05 4.13 0.00	52.22 3.55 0.00	50.04 3.75 0.00	42.24 2.91 0.00	40.36 2.50 0.00	38.26 2.10 0.00	37.91 2.15 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.48 1.40 0.00	30.93 1.19 0.00	29.97 1.21 0.00	29.78 1.20 0.00	30.32 1.22 0.00	31.21 1.11 0.00	37.39 1.68 0.00	40.78 2.53 0.00	41.42 2.96 0.00	38.82 2.44 0.00	42.35 2.92 0.00	41.94 3.00 0.00	40.90 2.89 0.00	40.83 2.78 0.00	41.17 2.98 0.00	41.76 2.99 0.00	49.06 3.51 0.00	55.05 4.13 0.00	52.22 3.55 0.00	50.04 3.75 0.00	42.24 2.91 0.00	40.36 2.50 0.00	38.26 2.10 0.00	37.91 2.15 0.00
HEMPSTEAD___ 23647	41.01 1.83 -8.09	37.14 1.63 -5.77	33.46 1.61 -3.09	32.01 1.57 -1.86	32.83 1.60 -2.13	38.00 1.62 -6.27	47.42 2.32 -9.39	51.85 3.14 -10.46	51.22 3.34 -9.41	53.08 2.91 -13.79	66.54 3.35 -23.75	68.76 3.46 -26.35	63.28 3.27 -22.00	62.75 3.20 -21.50	59.74 3.29 -18.26	67.37 3.37 -25.22	70.76 4.01 -21.20	88.36 4.63 -32.80	87.90 4.13 -35.09	74.23 4.17 -23.77	67.20 3.38 -24.49	60.95 2.99 -20.10	54.23 2.53 -15.53	51.87 2.43 -13.67
HEWLETT_69_KV_BK3 55828	41.16 1.99 -8.09	37.29 1.78 -5.77	33.60 1.75 -3.09	32.18 1.74 -1.86	33.01 1.78 -2.13	38.18 1.81 -6.27	47.60 2.50 -9.39	51.77 3.06 -10.46	51.26 3.38 -9.41	53.08 2.91 -13.79	66.34 3.15 -23.75	68.56 3.27 -26.35	63.13 3.12 -22.00	62.60 3.04 -21.50	59.58 3.13 -18.26	67.17 3.18 -25.22	70.57 3.83 -21.19	88.21 4.48 -32.80	87.70 3.94 -35.09	74.09 4.03 -23.77	67.04 3.23 -24.49	60.64 2.69 -20.09	54.16 2.46 -15.53	52.01 2.58 -13.67
HICKLING___1 23621	31.08 0.00 0.00	29.68 -0.06 0.00	28.42 -0.35 0.00	28.26 -0.31 0.00	28.93 -0.17 0.00	30.46 0.36 0.00	35.89 0.18 0.00	38.45 0.19 0.00	38.54 0.08 0.00	36.16 -0.22 0.00	39.16 -0.28 0.00	38.83 -0.12 0.00	37.75 -0.27 0.00	38.09 0.04 0.00	38.27 0.08 0.00	38.73 -0.04 0.00	45.37 -0.18 0.00	51.08 0.15 0.00	48.57 -0.10 0.00	46.02 -0.28 0.00	39.49 0.16 0.00	37.52 -0.34 0.00	35.73 -0.43 0.00	35.52 -0.25 0.00
HICKLING___2 23622	31.08 0.00 0.00	29.68 -0.06 0.00	28.42 -0.35 0.00	28.26 -0.31 0.00	28.93 -0.17 0.00	30.46 0.36 0.00	35.89 0.18 0.00	38.45 0.19 0.00	38.54 0.08 0.00	36.16 -0.22 0.00	39.16 -0.28 0.00	38.83 -0.12 0.00	37.75 -0.27 0.00	38.09 0.04 0.00	38.27 0.08 0.00	38.73 -0.04 0.00	45.37 -0.18 0.00	51.08 0.15 0.00	48.57 -0.10 0.00	46.02 -0.28 0.00	39.49 0.16 0.00	37.52 -0.34 0.00	35.73 -0.43 0.00	35.52 -0.25 0.00
HIGH FALLS___HY 23754	32.54 1.46 0.00	30.99 1.25 0.00	30.00 1.24 0.00	29.81 1.23 0.00	30.23 1.13 0.00	31.27 1.17 0.00	37.53 1.82 0.00	40.59 2.33 0.00	41.04 2.58 0.00	38.45 2.07 0.00	41.84 2.41 0.00	41.51 2.57 0.00	40.45 2.43 0.00	40.42 2.36 0.00	40.64 2.44 0.00	41.29 2.52 0.00	48.60 3.05 0.00	54.65 3.72 0.00	51.93 3.26 0.00	49.63 3.33 0.00	42.00 2.67 0.00	39.98 2.12 0.00	38.08 1.92 0.00	37.59 1.82 0.00
HILLBURN___GT 23639	32.23 1.15 0.00	30.72 0.98 0.00	29.74 0.98 0.00	29.52 0.94 0.00	30.06 0.96 0.00	31.06 0.96 0.00	37.21 1.50 0.00	40.40 2.14 0.00	40.81 2.35 0.00	38.34 1.96 0.00	41.80 2.37 0.00	41.40 2.45 0.00	40.33 2.32 0.00	40.30 2.24 0.00	40.52 2.33 0.00	41.18 2.40 0.00	48.42 2.87 0.00	54.29 3.36 0.00	51.59 2.92 0.00	49.30 3.01 0.00	41.81 2.48 0.00	39.94 2.08 0.00	37.83 1.66 0.00	37.30 1.54 0.00
HILLSIDE_115KV_TB1 80332	30.77 -0.31 0.00	29.36 -0.39 0.00	28.16 -0.60 0.00	27.98 -0.60 0.00	28.63 -0.47 0.00	30.10 0.00 0.00	35.50 -0.21 0.00	37.99 -0.27 0.00	38.08 -0.38 0.00	35.73 -0.65 0.00	38.69 -0.75 0.00	38.36 -0.58 0.00	37.33 -0.68 0.00	37.60 -0.46 0.00	37.77 -0.42 0.00	38.23 -0.54 0.00	44.82 -0.73 0.00	50.37 -0.56 0.00	47.94 -0.73 0.00	45.46 -0.83 0.00	38.98 -0.35 0.00	37.07 -0.80 0.00	35.30 -0.87 0.00	35.09 -0.68 0.00

HQ_GEN_IMPORT 323601	31.21 0.12 0.00	29.89 0.15 0.00	28.91 0.14 0.00	28.72 0.14 0.00	29.25 0.15 0.00	30.25 0.15 0.00	36.10 0.11 -0.28	37.75 -0.23 0.28	38.27 -0.19 0.00	37.75 0.00 -1.37	37.75 -0.32 1.37	38.55 -0.39 0.00	37.75 -0.26 0.00	37.75 -0.31 0.00	37.85 -0.34 0.00	38.42 -0.35 0.00	45.14 -0.41 0.00	50.37 -0.56 0.00	48.23 -0.44 0.00	45.79 -0.42 0.08	39.06 -0.35 -0.08	37.75 -0.11 0.00	36.31 0.15 0.00	35.95 0.18 0.00
HQ_GEN_WHEEL 23651	31.21 0.12 0.00	29.89 0.15 0.00	28.91 0.14 0.00	28.72 0.14 0.00	29.25 0.15 0.00	30.25 0.15 0.00	36.10 0.11 -0.28	37.75 -0.23 0.28	38.27 -0.19 0.00	37.75 0.00 -1.37	37.75 -0.32 1.37	38.55 -0.39 0.00	37.75 -0.26 0.00	37.75 -0.31 0.00	37.85 -0.34 0.00	38.42 -0.35 0.00	45.14 -0.41 0.00	50.37 -0.56 0.00	48.23 -0.44 0.00	45.79 -0.42 0.08	39.06 -0.35 -0.08	37.75 -0.11 0.00	36.31 0.15 0.00	35.95 0.18 0.00
HUDSON AVE_GT_3 23810	32.48 1.40 0.00	30.93 1.19 0.00	29.97 1.21 0.00	29.78 1.20 0.00	30.32 1.22 0.00	31.30 1.20 0.00	37.53 1.82 0.00	40.90 2.64 0.00	41.46 3.00 0.00	38.93 2.55 0.00	42.39 2.96 0.00	41.98 3.04 0.00	40.94 2.93 0.00	40.91 2.85 0.00	41.14 2.94 0.00	41.76 2.99 0.00	49.15 3.60 0.00	55.11 4.18 0.00	52.22 3.55 0.00	50.04 3.75 0.00	42.28 2.95 0.00	40.32 2.46 0.00	38.26 2.10 0.00	37.80 2.04 0.00
HUDSON AVE_GT_4 23540	32.48 1.40 0.00	30.93 1.19 0.00	29.97 1.21 0.00	29.78 1.20 0.00	30.32 1.22 0.00	31.30 1.20 0.00	37.53 1.82 0.00	40.90 2.64 0.00	41.46 3.00 0.00	38.93 2.55 0.00	42.39 2.96 0.00	41.98 3.04 0.00	40.94 2.93 0.00	40.91 2.85 0.00	41.14 2.94 0.00	41.76 2.99 0.00	49.15 3.60 0.00	55.11 4.18 0.00	52.22 3.55 0.00	50.04 3.75 0.00	42.28 2.95 0.00	40.32 2.46 0.00	38.26 2.10 0.00	37.80 2.04 0.00
HUDSON AVE_GT_5 23657	32.48 1.40 0.00	30.93 1.19 0.00	29.97 1.21 0.00	29.78 1.20 0.00	30.32 1.22 0.00	31.30 1.20 0.00	37.53 1.82 0.00	40.90 2.64 0.00	41.46 3.00 0.00	38.93 2.55 0.00	42.39 2.96 0.00	41.98 3.04 0.00	40.94 2.93 0.00	40.91 2.85 0.00	41.14 2.94 0.00	41.76 2.99 0.00	49.15 3.60 0.00	55.11 4.18 0.00	52.22 3.55 0.00	50.04 3.75 0.00	42.28 2.95 0.00	40.32 2.46 0.00	38.26 2.10 0.00	37.80 2.04 0.00
HUDSON_AVE_10 24168	32.42 1.34 0.00	30.87 1.13 0.00	29.92 1.15 0.00	29.72 1.14 0.00	30.26 1.16 0.00	31.27 1.17 0.00	37.53 1.82 0.00	40.90 2.64 0.00	41.46 3.00 0.00	38.93 2.55 0.00	42.39 2.96 0.00	41.98 3.04 0.00	40.94 2.93 0.00	40.87 2.82 0.00	41.14 2.94 0.00	41.76 2.99 0.00	49.20 3.64 0.00	55.11 4.18 0.00	52.22 3.55 0.00	50.04 3.75 0.00	42.28 2.95 0.00	40.32 2.46 0.00	38.26 2.10 0.00	37.77 2.00 0.00
HUDSON___115KV_TB 4 355613	32.42 1.34 0.00	31.02 1.28 0.00	30.09 1.32 0.00	29.89 1.31 0.00	30.32 1.22 0.00	31.12 1.02 0.00	37.03 1.32 0.00	39.67 1.42 0.00	40.00 1.54 0.00	37.51 1.13 0.00	40.86 1.42 0.00	40.46 1.52 0.00	39.42 1.41 0.00	39.43 1.37 0.00	39.68 1.49 0.00	40.40 1.63 0.00	47.51 1.96 0.00	53.22 2.29 0.00	50.86 2.19 0.00	48.33 2.04 0.00	41.02 1.69 0.00	39.23 1.36 0.00	37.32 1.16 0.00	36.87 1.11 0.00
HUNTER MOUNT___DRP 323613	32.60 1.52 0.00	31.20 1.46 0.00	30.26 1.50 0.00	30.06 1.49 0.00	30.44 1.34 0.00	31.21 1.11 0.00	37.14 1.43 0.00	39.63 1.38 0.00	39.92 1.46 0.00	37.40 1.02 0.00	40.74 1.30 0.00	40.35 1.40 0.00	39.34 1.33 0.00	39.35 1.29 0.00	39.61 1.41 0.00	40.32 1.55 0.00	47.42 1.87 0.00	53.12 2.19 0.00	50.91 2.24 0.00	48.29 1.99 0.00	40.98 1.65 0.00	39.19 1.33 0.00	37.36 1.19 0.00	36.91 1.14 0.00
HUNTINGTON_RES_REC 323705	41.22 2.05 -8.09	37.38 1.87 -5.77	33.66 1.81 -3.09	32.24 1.80 -1.86	33.07 1.83 -2.13	38.24 1.87 -6.27	47.67 2.57 -9.39	52.04 3.33 -10.46	51.41 3.54 -9.41	53.23 3.06 -13.79	66.98 3.79 -23.75	69.15 3.86 -26.35	63.66 3.65 -22.00	63.18 3.62 -21.50	60.20 3.75 -18.26	67.84 3.84 -25.23	71.40 4.65 -21.20	88.87 5.14 -32.80	88.39 4.63 -35.09	74.73 4.67 -23.77	67.76 3.93 -24.50	61.44 3.48 -20.10	54.56 2.86 -15.53	52.16 2.72 -13.67
HUNTLEY___63 23557	29.03 -2.05 0.00	27.66 -2.08 0.00	26.29 -2.47 0.00	26.09 -2.49 0.00	26.63 -2.47 0.00	28.50 -1.60 0.00	33.14 -2.57 0.00	35.50 -2.75 0.00	35.58 -2.88 0.00	33.11 -3.27 0.00	35.65 -3.79 0.00	35.59 -3.35 0.00	34.52 -3.50 0.00	35.16 -2.89 0.00	35.21 -2.98 0.00	35.55 -3.22 0.00	41.09 -4.46 0.00	46.19 -4.74 0.00	44.00 -4.67 0.00	41.53 -4.77 0.00	36.07 -3.26 0.00	34.08 -3.79 0.00	32.59 -3.58 0.00	32.37 -3.40 0.00
HUNTLEY___64 23558	29.03 -2.05 0.00	27.66 -2.08 0.00	26.29 -2.47 0.00	26.09 -2.49 0.00	26.63 -2.47 0.00	28.50 -1.60 0.00	33.14 -2.57 0.00	35.50 -2.75 0.00	35.58 -2.88 0.00	33.11 -3.27 0.00	35.65 -3.79 0.00	35.59 -3.35 0.00	34.52 -3.50 0.00	35.16 -2.89 0.00	35.21 -2.98 0.00	35.55 -3.22 0.00	41.09 -4.46 0.00	46.19 -4.74 0.00	44.00 -4.67 0.00	41.53 -4.77 0.00	36.07 -3.26 0.00	34.08 -3.79 0.00	32.59 -3.58 0.00	32.37 -3.40 0.00
HUNTLEY___65 23559	29.03 -2.05 0.00	27.66 -2.08 0.00	26.29 -2.47 0.00	26.09 -2.49 0.00	26.63 -2.47 0.00	28.50 -1.60 0.00	33.14 -2.57 0.00	35.50 -2.75 0.00	35.58 -2.88 0.00	33.11 -3.27 0.00	35.65 -3.79 0.00	35.59 -3.35 0.00	34.52 -3.50 0.00	35.16 -2.89 0.00	35.21 -2.98 0.00	35.55 -3.22 0.00	41.09 -4.46 0.00	46.19 -4.74 0.00	44.00 -4.67 0.00	41.53 -4.77 0.00	36.07 -3.26 0.00	34.08 -3.79 0.00	32.59 -3.58 0.00	32.37 -3.40 0.00
HUNTLEY___66 23560	29.03 -2.05 0.00	27.66 -2.08 0.00	26.29 -2.47 0.00	26.09 -2.49 0.00	26.63 -2.47 0.00	28.50 -1.60 0.00	33.14 -2.57 0.00	35.50 -2.75 0.00	35.58 -2.88 0.00	33.11 -3.27 0.00	35.65 -3.79 0.00	35.59 -3.35 0.00	34.52 -3.50 0.00	35.16 -2.89 0.00	35.21 -2.98 0.00	35.55 -3.22 0.00	41.09 -4.46 0.00	46.19 -4.74 0.00	44.00 -4.67 0.00	41.53 -4.77 0.00	36.07 -3.26 0.00	34.08 -3.79 0.00	32.59 -3.58 0.00	32.37 -3.40 0.00
HUNTLEY___67 23561	29.06 -2.02 0.00	27.69 -2.05 0.00	26.32 -2.45 0.00	26.12 -2.46 0.00	26.66 -2.44 0.00	28.50 -1.60 0.00	33.17 -2.54 0.00	35.50 -2.75 0.00	35.50 -2.96 0.00	33.07 -3.31 0.00	35.61 -3.83 0.00	35.56 -3.39 0.00	34.48 -3.54 0.00	35.13 -2.93 0.00	35.18 -3.02 0.00	35.52 -3.26 0.00	41.09 -4.46 0.00	46.14 -4.79 0.00	43.95 -4.72 0.00	41.53 -4.77 0.00	36.03 -3.30 0.00	34.08 -3.79 0.00	32.59 -3.58 0.00	32.37 -3.40 0.00
HUNTLEY___68 23562	29.06 -2.02 0.00	27.69 -2.05 0.00	26.32 -2.45 0.00	26.12 -2.46 0.00	26.66 -2.44 0.00	28.50 -1.60 0.00	33.17 -2.54 0.00	35.50 -2.75 0.00	35.50 -2.96 0.00	33.07 -3.31 0.00	35.61 -3.83 0.00	35.56 -3.39 0.00	34.48 -3.54 0.00	35.13 -2.93 0.00	35.18 -3.02 0.00	35.52 -3.26 0.00	41.09 -4.46 0.00	46.14 -4.79 0.00	43.95 -4.72 0.00	41.53 -4.77 0.00	36.03 -3.30 0.00	34.08 -3.79 0.00	32.59 -3.58 0.00	32.37 -3.40 0.00

HYLAND___LFGE 323620	31.48 0.40 0.00	29.89 0.15 0.00	28.62 -0.14 0.00	28.44 -0.14 0.00	29.33 0.23 0.00	30.85 0.75 0.00	35.14 -0.57 0.00	38.03 -0.23 0.00	37.50 -0.96 0.00	34.85 -1.53 0.00	38.14 -1.30 0.00	37.58 -1.36 0.00	36.34 -1.67 0.00	36.80 -1.25 0.00	37.16 -1.03 0.00	37.92 -0.85 0.00	44.55 -1.00 0.00	50.37 -0.56 0.00	48.13 -0.53 0.00	45.55 -0.74 0.00	39.01 -0.32 0.00	37.11 -0.76 0.00	35.08 -1.08 0.00	34.69 -1.07 0.00
INDECK___CORINTH 23802	32.54 1.46 0.00	31.11 1.37 0.00	30.12 1.35 0.00	29.92 1.34 0.00	30.44 1.34 0.00	31.57 1.47 0.00	36.53 0.82 0.00	39.25 0.99 0.00	39.54 1.08 0.00	37.18 0.80 0.00	40.58 1.14 0.00	40.11 1.17 0.00	39.00 0.99 0.00	39.01 0.95 0.00	39.26 1.07 0.00	39.90 1.13 0.00	46.97 1.41 0.00	52.71 1.78 0.00	50.47 1.80 0.00	47.91 1.62 0.00	40.67 1.34 0.00	38.77 0.91 0.00	36.74 0.58 0.00	36.27 0.50 0.00
INDECK___ILION 23567	31.30 0.22 0.00	29.89 0.15 0.00	28.91 0.14 0.00	28.72 0.14 0.00	29.25 0.15 0.00	30.22 0.12 0.00	35.92 0.21 0.00	38.64 0.38 0.00	38.85 0.38 0.00	36.71 0.33 0.00	39.83 0.39 0.00	39.37 0.43 0.00	38.43 0.42 0.00	38.47 0.42 0.00	38.65 0.46 0.00	39.24 0.47 0.00	46.14 0.59 0.00	51.64 0.71 0.00	49.30 0.63 0.00	46.94 0.65 0.00	39.84 0.51 0.00	38.24 0.38 0.00	36.53 0.36 0.00	36.09 0.32 0.00
INDECK___OLEAN 23982	30.46 -0.62 0.00	29.03 -0.71 0.00	27.61 -1.15 0.00	27.49 -1.09 0.00	28.43 -0.67 0.00	29.92 -0.18 0.00	35.18 -0.53 0.00	37.68 -0.57 0.00	37.11 -1.35 0.00	34.85 -1.53 0.00	38.17 -1.26 0.00	37.70 -1.25 0.00	36.53 -1.48 0.00	37.03 -1.03 0.00	37.16 -1.03 0.00	37.61 -1.16 0.00	43.28 -2.28 0.00	48.79 -2.14 0.00	46.38 -2.29 0.00	43.89 -2.41 0.00	37.99 -1.34 0.00	36.24 -1.63 0.00	34.18 -1.99 0.00	34.12 -1.64 0.00
INDECK___OSWEGO 23783	30.06 -1.02 0.00	28.70 -1.04 0.00	27.73 -1.03 0.00	27.58 -1.00 0.00	28.11 -0.99 0.00	29.14 -0.96 0.00	34.53 -1.18 0.00	36.84 -1.41 0.00	36.92 -1.54 0.00	34.92 -1.46 0.00	37.98 -1.46 0.00	37.54 -1.40 0.00	36.57 -1.44 0.00	36.65 -1.41 0.00	36.78 -1.41 0.00	37.34 -1.43 0.00	43.87 -1.68 0.00	49.10 -1.83 0.00	46.92 -1.75 0.00	44.58 -1.71 0.00	37.88 -1.45 0.00	36.35 -1.52 0.00	34.94 -1.23 0.00	34.51 -1.25 0.00
INDECK___YERKES 23781	29.06 -2.02 0.00	27.69 -2.05 0.00	26.38 -2.39 0.00	26.21 -2.37 0.00	27.15 -1.95 0.00	28.53 -1.57 0.00	33.18 -2.53 0.00	35.65 -2.60 0.00	35.08 -3.38 0.00	32.85 -3.53 0.00	36.24 -3.19 0.00	35.75 -3.19 0.00	34.52 -3.50 0.00	35.16 -2.89 0.00	35.25 -2.94 0.00	35.75 -3.02 0.00	41.18 -4.37 0.00	46.24 -4.68 0.00	44.19 -4.48 0.00	41.76 -4.54 0.00	36.07 -3.26 0.00	34.34 -3.52 0.00	32.58 -3.58 0.00	32.40 -3.36 0.00
INDIAN POINT_GT_1 24139	32.36 1.27 0.00	30.84 1.10 0.00	29.86 1.09 0.00	29.69 1.11 0.00	30.18 1.08 0.00	31.15 1.05 0.00	37.32 1.61 0.00	40.59 2.33 0.00	41.08 2.62 0.00	38.56 2.18 0.00	42.00 2.56 0.00	41.59 2.65 0.00	40.52 2.51 0.00	40.49 2.44 0.00	40.71 2.52 0.00	41.37 2.60 0.00	48.69 3.14 0.00	54.60 3.67 0.00	51.83 3.16 0.00	49.58 3.29 0.00	41.93 2.60 0.00	39.95 2.08 0.00	37.94 1.77 0.00	37.45 1.68 0.00
INDIAN POINT_GT_2 23659	32.36 1.27 0.00	30.84 1.10 0.00	29.86 1.09 0.00	29.69 1.11 0.00	30.18 1.08 0.00	31.15 1.05 0.00	37.32 1.61 0.00	40.59 2.33 0.00	41.08 2.62 0.00	38.56 2.18 0.00	42.00 2.56 0.00	41.59 2.65 0.00	40.52 2.51 0.00	40.49 2.44 0.00	40.71 2.52 0.00	41.37 2.60 0.00	48.69 3.14 0.00	54.60 3.67 0.00	51.83 3.16 0.00	49.58 3.29 0.00	41.93 2.60 0.00	39.95 2.08 0.00	37.94 1.77 0.00	37.45 1.68 0.00
INDIAN POINT_GT_3 24019	32.36 1.27 0.00	30.84 1.10 0.00	29.86 1.09 0.00	29.69 1.11 0.00	30.18 1.08 0.00	31.15 1.05 0.00	37.32 1.61 0.00	40.59 2.33 0.00	41.08 2.62 0.00	38.56 2.18 0.00	42.00 2.56 0.00	41.59 2.65 0.00	40.52 2.51 0.00	40.49 2.44 0.00	40.71 2.52 0.00	41.37 2.60 0.00	48.69 3.14 0.00	54.60 3.67 0.00	51.83 3.16 0.00	49.58 3.29 0.00	41.93 2.60 0.00	39.95 2.08 0.00	37.94 1.77 0.00	37.45 1.68 0.00
INDIAN POINT___2 23530	32.23 1.15 0.00	30.72 0.98 0.00	29.74 0.98 0.00	29.55 0.97 0.00	30.06 0.96 0.00	31.06 0.96 0.00	37.21 1.50 0.00	40.40 2.14 0.00	40.81 2.35 0.00	38.34 1.96 0.00	41.84 2.41 0.00	41.44 2.49 0.00	40.37 2.36 0.00	40.34 2.28 0.00	40.56 2.37 0.00	41.18 2.40 0.00	48.47 2.92 0.00	54.34 3.41 0.00	51.59 2.92 0.00	49.35 3.05 0.00	41.81 2.48 0.00	39.94 2.08 0.00	37.83 1.66 0.00	37.34 1.57 0.00
INDIAN POINT___3 23531	32.26 1.18 0.00	30.75 1.01 0.00	29.80 1.04 0.00	29.61 1.03 0.00	30.12 1.02 0.00	31.12 1.02 0.00	37.25 1.54 0.00	40.44 2.18 0.00	40.96 2.50 0.00	38.45 2.07 0.00	41.88 2.45 0.00	41.48 2.53 0.00	40.41 2.39 0.00	40.38 2.32 0.00	40.60 2.41 0.00	41.25 2.48 0.00	48.51 2.96 0.00	54.39 3.46 0.00	51.64 2.97 0.00	49.40 3.10 0.00	41.81 2.48 0.00	39.87 2.01 0.00	37.87 1.70 0.00	37.38 1.61 0.00
INGHAM_C_115KV_TB7 356103	31.14 0.06 0.00	29.74 0.00 0.00	28.74 -0.03 0.00	28.52 -0.06 0.00	29.04 -0.06 0.00	30.01 -0.09 0.00	35.67 -0.04 0.00	38.37 0.11 0.00	38.58 0.12 0.00	36.45 0.07 0.00	39.59 0.16 0.00	39.14 0.19 0.00	38.20 0.19 0.00	38.25 0.19 0.00	38.42 0.23 0.00	39.04 0.27 0.00	45.92 0.36 0.00	51.39 0.46 0.00	49.06 0.39 0.00	46.71 0.42 0.00	39.64 0.31 0.00	38.09 0.23 0.00	36.38 0.22 0.00	36.02 0.25 0.00
IP CORINTH___1 23988	32.54 1.46 0.00	31.11 1.37 0.00	30.12 1.35 0.00	29.95 1.37 0.00	30.47 1.37 0.00	31.57 1.47 0.00	36.71 1.00 0.00	39.48 1.22 0.00	39.85 1.38 0.00	37.44 1.06 0.00	40.78 1.34 0.00	40.35 1.40 0.00	39.23 1.22 0.00	39.27 1.22 0.00	39.49 1.30 0.00	40.13 1.36 0.00	47.24 1.69 0.00	53.07 2.14 0.00	50.76 2.09 0.00	48.19 1.90 0.00	40.86 1.53 0.00	38.96 1.10 0.00	36.96 0.80 0.00	36.48 0.72 0.00
IP___TICONDEROGA 23804	33.47 2.39 0.00	31.97 2.23 0.00	30.95 2.19 0.00	30.75 2.17 0.00	31.31 2.21 0.00	32.60 2.50 0.00	38.10 2.39 0.00	40.97 2.72 0.00	41.38 2.92 0.00	38.78 2.40 0.00	42.32 2.88 0.00	41.83 2.88 0.00	40.56 2.55 0.00	40.61 2.55 0.00	40.91 2.71 0.00	41.60 2.83 0.00	48.97 3.42 0.00	55.11 4.18 0.00	52.90 4.23 0.00	50.04 3.75 0.00	42.48 3.15 0.00	40.29 2.42 0.00	38.16 1.99 0.00	37.63 1.86 0.00
ISLIP_RES_REC 323679	41.72 2.55 -8.09	37.89 2.38 -5.77	34.15 2.30 -3.09	32.72 2.29 -1.86	33.59 2.36 -2.13	38.78 2.41 -6.27	48.32 3.22 -9.39	52.88 4.17 -10.46	52.26 4.38 -9.41	54.14 3.97 -13.79	67.72 4.53 -23.75	69.85 4.55 -26.35	64.38 4.37 -22.00	63.90 4.34 -21.50	60.92 4.47 -18.26	68.53 4.53 -25.23	72.26 5.51 -21.20	90.25 6.52 -32.80	89.65 5.89 -35.09	75.85 5.79 -23.77	68.46 4.64 -24.50	62.13 4.16 -20.10	55.14 3.44 -15.53	52.80 3.36 -13.67

KIAC_JFK_GT1 23816	32.48 1.40 0.00	30.93 1.19 0.00	29.97 1.21 0.00	29.78 1.20 0.00	30.32 1.22 0.00	31.39 1.29 0.00	37.78 2.07 0.00	41.20 2.95 0.00	41.85 3.38 0.00	39.22 2.84 0.00	42.75 3.31 0.00	42.33 3.39 0.00	41.28 3.27 0.00	41.21 3.16 0.00	41.48 3.28 0.00	42.11 3.33 0.00	49.61 4.05 0.00	55.56 4.63 0.00	52.71 4.04 0.00	50.51 4.21 0.00	42.67 3.34 0.00	40.67 2.80 0.00	38.52 2.35 0.00	37.98 2.22 0.00
KIAC_JFK_GT2 23817	32.48 1.40 0.00	30.93 1.19 0.00	29.97 1.21 0.00	29.78 1.20 0.00	30.32 1.22 0.00	31.39 1.29 0.00	37.78 2.07 0.00	41.20 2.95 0.00	41.85 3.38 0.00	39.22 2.84 0.00	42.75 3.31 0.00	42.33 3.39 0.00	41.28 3.27 0.00	41.21 3.16 0.00	41.48 3.28 0.00	42.11 3.33 0.00	49.61 4.05 0.00	55.56 4.63 0.00	52.71 4.04 0.00	50.51 4.21 0.00	42.67 3.34 0.00	40.67 2.80 0.00	38.52 2.35 0.00	37.98 2.22 0.00
KIAC_JFK____ 323774	32.48 1.40 0.00	30.93 1.19 0.00	29.97 1.21 0.00	29.72 1.14 0.00	30.29 1.19 0.00	31.33 1.23 0.00	37.78 2.07 0.00	41.20 2.95 0.00	41.73 3.27 0.00	39.18 2.80 0.00	42.75 3.31 0.00	42.33 3.39 0.00	41.24 3.23 0.00	41.18 3.12 0.00	41.48 3.29 0.00	42.11 3.33 0.00	49.60 4.05 0.00	55.56 4.63 0.00	52.71 4.04 0.00	50.51 4.21 0.00	42.71 3.38 0.00	40.78 2.92 0.00	38.55 2.39 0.00	37.98 2.22 0.00
KINTIGH____ 23543	28.94 -2.14 0.00	27.54 -2.20 0.00	26.26 -2.50 0.00	26.09 -2.49 0.00	26.63 -2.47 0.00	28.32 -1.78 0.00	33.07 -2.64 0.00	35.39 -2.87 0.00	35.46 -3.00 0.00	33.07 -3.31 0.00	35.65 -3.79 0.00	35.52 -3.43 0.00	34.48 -3.54 0.00	35.05 -3.01 0.00	35.10 -3.09 0.00	35.48 -3.30 0.00	41.18 -4.37 0.00	46.19 -4.74 0.00	44.05 -4.62 0.00	41.62 -4.68 0.00	35.99 -3.34 0.00	34.11 -3.75 0.00	32.62 -3.54 0.00	32.37 -3.40 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	32.73 1.65 0.00	31.41 1.67 0.00	30.29 1.52 0.00	30.04 1.46 0.00	30.55 1.45 0.00	31.79 1.69 0.00	37.21 1.50 0.00	39.52 1.26 0.00	39.65 1.19 0.00	37.65 1.27 0.00	40.70 1.26 0.00	40.03 1.09 0.00	39.19 1.18 0.00	39.12 1.07 0.00	39.23 1.03 0.00	39.94 1.16 0.00	47.01 1.46 0.00	52.71 1.78 0.00	50.57 1.90 0.00	47.73 1.44 0.00	40.67 1.34 0.00	39.38 1.51 0.00	37.72 1.56 0.00	37.84 2.07 0.00
LACHUTE____HYDRO 323717	33.47 2.39 0.00	31.97 2.23 0.00	30.95 2.19 0.00	30.75 2.17 0.00	31.31 2.21 0.00	32.57 2.47 0.00	38.10 2.39 0.00	40.97 2.72 0.00	41.27 2.81 0.00	38.71 2.33 0.00	42.31 2.88 0.00	41.79 2.84 0.00	40.52 2.51 0.00	40.57 2.51 0.00	40.91 2.71 0.00	41.57 2.79 0.00	48.97 3.42 0.00	55.05 4.12 0.00	52.86 4.19 0.00	50.04 3.75 0.00	42.48 3.15 0.00	40.32 2.46 0.00	38.12 1.95 0.00	37.62 1.86 0.00
LAWRNCALV_115KV_TB1 80681	31.24 0.16 0.00	30.16 0.42 0.00	29.17 0.40 0.00	28.95 0.37 0.00	29.48 0.38 0.00	30.34 0.24 0.00	35.64 -0.07 0.00	37.80 -0.46 0.00	37.88 -0.58 0.00	36.02 -0.36 0.00	38.88 -0.55 0.00	38.24 -0.70 0.00	37.29 -0.72 0.00	37.26 -0.80 0.00	37.32 -0.88 0.00	37.96 -0.81 0.00	44.59 -0.96 0.00	49.81 -1.12 0.00	47.84 -0.83 0.00	45.37 -0.93 0.00	38.58 -0.75 0.00	37.79 -0.08 0.00	36.42 0.25 0.00	36.20 0.43 0.00
LEDERLE____ 23769	32.32 1.24 0.00	30.81 1.07 0.00	29.83 1.06 0.00	29.64 1.06 0.00	30.15 1.05 0.00	31.15 1.05 0.00	37.32 1.61 0.00	40.51 2.26 0.00	41.00 2.54 0.00	38.49 2.11 0.00	41.92 2.48 0.00	41.55 2.61 0.00	40.49 2.47 0.00	40.45 2.40 0.00	40.68 2.48 0.00	41.29 2.52 0.00	48.56 3.01 0.00	54.49 3.57 0.00	51.74 3.07 0.00	49.44 3.15 0.00	41.89 2.56 0.00	39.91 2.04 0.00	37.90 1.74 0.00	37.41 1.65 0.00
LIGHTHSE_115KV_TB6 355974	30.27 -0.81 0.00	28.94 -0.80 0.00	27.93 -0.83 0.00	27.78 -0.80 0.00	28.26 -0.84 0.00	29.35 -0.75 0.00	34.75 -0.96 0.00	37.38 -0.88 0.00	37.54 -0.92 0.00	35.43 -0.95 0.00	38.37 -1.06 0.00	38.05 -0.90 0.00	37.06 -0.95 0.00	37.10 -0.95 0.00	37.20 -0.99 0.00	37.80 -0.97 0.00	44.46 -1.09 0.00	49.91 -1.02 0.00	47.70 -0.97 0.00	45.28 -1.02 0.00	38.46 -0.87 0.00	36.84 -1.02 0.00	35.26 -0.90 0.00	34.84 -0.93 0.00
LINDEN COGEN____ 23786	32.25 1.18 0.01	30.75 1.01 0.01	29.76 1.01 0.01	29.54 0.97 0.01	30.08 0.99 0.01	31.06 0.96 0.00	37.28 1.57 0.00	40.63 2.37 0.00	41.11 2.65 0.00	38.64 2.26 0.00	42.16 2.72 0.00	41.75 2.81 0.00	40.71 2.70 0.00	40.64 2.59 0.00	40.87 2.67 0.00	41.49 2.71 0.00	48.88 3.32 0.00	54.64 3.72 0.00	51.88 3.21 0.00	49.72 3.43 0.00	42.04 2.71 0.00	40.21 2.35 0.00	38.08 1.92 0.00	37.55 1.79 0.00
LINDHRST_69_KV_BK1 356055	41.47 2.30 -8.09	37.59 2.08 -5.77	33.89 2.04 -3.09	32.46 2.03 -1.86	33.30 2.07 -2.13	38.51 2.14 -6.27	47.96 2.86 -9.39	52.50 3.79 -10.46	51.95 4.08 -9.41	53.73 3.57 -13.79	67.25 4.06 -23.75	69.42 4.13 -26.35	64.00 3.99 -22.00	63.48 3.92 -21.50	60.50 4.05 -18.26	68.11 4.11 -25.23	71.67 4.92 -21.20	89.54 5.81 -32.80	88.97 5.21 -35.09	75.25 5.19 -23.77	67.99 4.17 -24.49	61.56 3.60 -20.10	54.81 3.11 -15.53	52.37 2.93 -13.67
LIPA_MISC_IPP 23656	41.53 2.36 -8.09	37.71 2.20 -5.77	34.01 2.16 -3.09	32.58 2.14 -1.86	33.42 2.18 -2.13	38.60 2.23 -6.27	48.03 2.93 -9.39	52.50 3.79 -10.46	51.95 4.08 -9.41	53.92 3.75 -13.79	67.33 4.14 -23.75	69.42 4.13 -26.35	64.04 4.03 -22.00	63.52 3.96 -21.50	60.54 4.09 -18.26	68.11 4.11 -25.23	71.67 4.92 -21.20	89.69 5.96 -32.80	89.07 5.30 -35.09	75.29 5.23 -23.77	67.99 4.17 -24.50	61.60 3.63 -20.10	54.81 3.11 -15.53	52.48 3.04 -13.67
LISF__SOLAR 323691	41.60 2.43 -8.09	37.77 2.26 -5.77	34.04 2.19 -3.09	32.64 2.20 -1.86	33.47 2.24 -2.13	38.66 2.29 -6.27	48.10 3.00 -9.39	52.58 3.86 -10.46	51.95 4.07 -9.41	53.92 3.75 -13.79	67.41 4.22 -23.75	69.50 4.21 -26.35	64.08 4.07 -22.00	63.59 4.03 -21.50	60.62 4.16 -18.26	68.19 4.19 -25.23	71.81 5.06 -21.20	89.79 6.06 -32.80	89.21 5.45 -35.09	75.43 5.37 -23.77	68.11 4.29 -24.50	61.86 3.90 -20.10	54.88 3.18 -15.53	52.62 3.18 -13.67
LITTLE FALLS____HYD 24013	31.14 0.06 0.00	29.74 0.00 0.00	28.74 -0.03 0.00	28.52 -0.06 0.00	29.04 -0.06 0.00	30.01 -0.09 0.00	35.67 -0.04 0.00	38.37 0.11 0.00	38.58 0.12 0.00	36.45 0.07 0.00	39.59 0.16 0.00	39.14 0.19 0.00	38.20 0.19 0.00	38.25 0.19 0.00	38.42 0.23 0.00	39.04 0.27 0.00	45.92 0.36 0.00	51.39 0.46 0.00	49.06 0.39 0.00	46.71 0.42 0.00	39.64 0.31 0.00	38.09 0.23 0.00	36.38 0.22 0.00	36.02 0.25 0.00
LITTLRIV_115KV_TB1 356100	31.55 0.47 0.00	30.46 0.71 0.00	29.43 0.66 0.00	29.24 0.66 0.00	29.74 0.64 0.00	30.64 0.54 0.00	36.10 0.39 0.00	38.33 0.08 0.00	38.38 -0.08 0.00	36.53 0.15 0.00	39.44 0.00 0.00	38.79 -0.16 0.00	37.86 -0.15 0.00	37.79 -0.27 0.00	37.85 -0.34 0.00	38.46 -0.31 0.00	45.23 -0.32 0.00	50.52 -0.41 0.00	48.57 -0.10 0.00	46.06 -0.23 0.00	39.09 -0.24 0.00	38.28 0.42 0.00	36.89 0.72 0.00	36.62 0.86 0.00

MILLIKEN___1 23584	31.52 0.44 0.00	30.10 0.36 0.00	29.02 0.26 0.00	28.86 0.29 0.00	29.45 0.35 0.00	30.70 0.60 0.00	36.42 0.71 0.00	39.33 1.07 0.00	39.50 1.04 0.00	37.18 0.80 0.00	40.34 0.91 0.00	39.84 0.90 0.00	38.77 0.76 0.00	38.89 0.84 0.00	39.07 0.88 0.00	39.70 0.93 0.00	46.74 1.18 0.00	52.51 1.58 0.00	50.13 1.46 0.00	47.50 1.20 0.00	40.43 1.10 0.00	38.62 0.76 0.00	36.74 0.58 0.00	36.34 0.57 0.00
MILLIKEN___2 23585	31.52 0.44 0.00	30.10 0.36 0.00	29.02 0.26 0.00	28.86 0.29 0.00	29.45 0.35 0.00	30.70 0.60 0.00	36.42 0.71 0.00	39.33 1.07 0.00	39.50 1.04 0.00	37.18 0.80 0.00	40.34 0.91 0.00	39.84 0.90 0.00	38.77 0.76 0.00	38.89 0.84 0.00	39.07 0.88 0.00	39.70 0.93 0.00	46.74 1.18 0.00	52.51 1.58 0.00	50.13 1.46 0.00	47.50 1.20 0.00	40.43 1.10 0.00	38.62 0.76 0.00	36.74 0.58 0.00	36.34 0.57 0.00
MILLIKEN___DIESEL 23629	31.52 0.44 0.00	30.10 0.36 0.00	29.02 0.26 0.00	28.86 0.29 0.00	29.45 0.35 0.00	30.70 0.60 0.00	36.42 0.71 0.00	39.33 1.07 0.00	39.50 1.04 0.00	37.18 0.80 0.00	40.34 0.91 0.00	39.84 0.90 0.00	38.77 0.76 0.00	38.89 0.84 0.00	39.07 0.88 0.00	39.70 0.93 0.00	46.74 1.18 0.00	52.51 1.58 0.00	50.13 1.46 0.00	47.50 1.20 0.00	40.43 1.10 0.00	38.62 0.76 0.00	36.74 0.58 0.00	36.34 0.57 0.00
MILLSEAT___LFGE 323607	29.43 -1.65 0.00	28.02 -1.73 0.00	26.72 -2.04 0.00	26.55 -2.03 0.00	27.50 -1.60 0.00	28.89 -1.20 0.00	33.68 -2.03 0.00	36.31 -1.95 0.00	35.77 -2.69 0.00	33.51 -2.87 0.00	36.83 -2.60 0.00	36.37 -2.57 0.00	35.12 -2.89 0.00	35.73 -2.32 0.00	35.83 -2.37 0.00	36.37 -2.40 0.00	42.00 -3.55 0.00	47.21 -3.72 0.00	45.12 -3.55 0.00	42.64 -3.66 0.00	36.73 -2.60 0.00	34.95 -2.91 0.00	33.16 -3.00 0.00	32.90 -2.86 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.36 1.27 0.00	30.84 1.10 0.00	29.86 1.09 0.00	29.66 1.09 0.00	30.18 1.08 0.00	31.18 1.08 0.00	37.32 1.61 0.00	40.59 2.33 0.00	41.08 2.62 0.00	38.56 2.18 0.00	42.00 2.56 0.00	41.59 2.65 0.00	40.56 2.55 0.00	40.53 2.47 0.00	40.75 2.56 0.00	41.37 2.60 0.00	48.69 3.14 0.00	54.60 3.67 0.00	51.83 3.16 0.00	49.58 3.29 0.00	41.93 2.60 0.00	39.98 2.12 0.00	37.94 1.77 0.00	37.48 1.72 0.00
MILLWOOD_13_KV_LOAD 356217	32.42 1.34 0.00	30.90 1.16 0.00	29.92 1.15 0.00	29.72 1.14 0.00	30.23 1.13 0.00	31.21 1.11 0.00	37.35 1.64 0.00	40.67 2.41 0.00	41.19 2.73 0.00	38.64 2.26 0.00	42.08 2.64 0.00	41.71 2.77 0.00	40.64 2.62 0.00	40.57 2.51 0.00	40.79 2.60 0.00	41.45 2.68 0.00	48.79 3.23 0.00	54.75 3.82 0.00	51.93 3.26 0.00	49.67 3.38 0.00	42.04 2.71 0.00	40.02 2.16 0.00	38.01 1.84 0.00	37.52 1.75 0.00
MODEL_CITY_ENERGY 24167	28.59 -2.49 0.00	27.24 -2.50 0.00	25.95 -2.82 0.00	25.78 -2.80 0.00	26.71 -2.39 0.00	28.05 -2.05 0.00	32.57 -3.14 0.00	34.97 -3.29 0.00	34.35 -4.11 0.00	32.16 -4.22 0.00	35.46 -3.98 0.00	35.01 -3.93 0.00	33.79 -4.22 0.00	34.44 -3.62 0.00	34.49 -3.70 0.00	35.01 -3.76 0.00	40.31 -5.24 0.00	45.23 -5.70 0.00	43.22 -5.45 0.00	40.88 -5.42 0.00	35.32 -4.01 0.00	33.66 -4.20 0.00	31.97 -4.19 0.00	31.76 -4.01 0.00
MODERN_LFGE___ 323580	28.59 -2.49 0.00	27.24 -2.50 0.00	25.95 -2.82 0.00	25.78 -2.80 0.00	26.71 -2.39 0.00	28.05 -2.05 0.00	32.57 -3.14 0.00	34.97 -3.29 0.00	34.35 -4.11 0.00	32.16 -4.22 0.00	35.46 -3.98 0.00	35.01 -3.93 0.00	33.79 -4.22 0.00	34.44 -3.62 0.00	34.49 -3.70 0.00	35.01 -3.76 0.00	40.31 -5.24 0.00	45.23 -5.70 0.00	43.22 -5.45 0.00	40.88 -5.42 0.00	35.32 -4.01 0.00	33.66 -4.20 0.00	31.97 -4.19 0.00	31.76 -4.01 0.00
MOHAWK_PAPER___DRP 24187	32.08 0.99 0.00	30.69 0.95 0.00	29.77 1.01 0.00	29.58 1.00 0.00	30.09 0.99 0.00	30.91 0.81 0.00	36.75 1.04 0.00	39.56 1.30 0.00	39.92 1.46 0.00	37.54 1.16 0.00	40.94 1.50 0.00	40.50 1.56 0.00	39.50 1.48 0.00	39.50 1.45 0.00	39.72 1.53 0.00	40.36 1.59 0.00	47.46 1.91 0.00	53.07 2.14 0.00	50.62 1.95 0.00	48.15 1.85 0.00	40.86 1.53 0.00	39.15 1.29 0.00	37.21 1.05 0.00	36.73 0.97 0.00
MOHICAN___35_KV_115KV_LD 80490	32.73 1.65 0.00	31.26 1.52 0.00	30.29 1.52 0.00	30.09 1.51 0.00	30.61 1.51 0.00	31.75 1.66 0.00	37.10 1.39 0.00	39.90 1.65 0.00	40.27 1.81 0.00	37.84 1.46 0.00	41.21 1.77 0.00	40.77 1.83 0.00	39.61 1.60 0.00	39.65 1.60 0.00	39.91 1.72 0.00	40.56 1.78 0.00	47.74 2.19 0.00	53.58 2.65 0.00	51.30 2.63 0.00	48.66 2.36 0.00	41.30 1.97 0.00	39.34 1.48 0.00	37.32 1.16 0.00	36.84 1.07 0.00
MONGAUP___HYD 23641	32.14 1.06 0.00	30.63 0.89 0.00	29.66 0.89 0.00	29.46 0.89 0.00	29.86 0.76 0.00	30.82 0.72 0.00	36.96 1.25 0.00	39.75 1.49 0.00	40.08 1.62 0.00	37.65 1.27 0.00	40.93 1.50 0.00	40.58 1.64 0.00	39.57 1.56 0.00	39.58 1.52 0.00	39.80 1.60 0.00	40.44 1.67 0.00	47.28 1.73 0.00	53.02 2.09 0.00	50.57 1.90 0.00	48.19 1.90 0.00	41.18 1.85 0.00	39.38 1.52 0.00	37.43 1.27 0.00	36.94 1.18 0.00
MONTAUK___DIESEL 23721	41.94 2.77 -8.09	38.10 2.59 -5.77	34.38 2.53 -3.09	32.95 2.51 -1.86	33.77 2.53 -2.13	38.99 2.62 -6.27	48.60 3.50 -9.39	53.23 4.51 -10.46	52.68 4.81 -9.41	54.61 4.44 -13.79	68.00 4.81 -23.75	70.12 4.83 -26.35	64.69 4.68 -22.00	64.16 4.60 -21.50	61.19 4.74 -18.26	68.73 4.73 -25.23	72.49 5.74 -21.20	90.76 7.03 -32.80	90.14 6.38 -35.09	76.26 6.20 -23.77	68.74 4.92 -24.50	62.28 4.32 -20.10	55.32 3.62 -15.53	53.02 3.58 -13.67
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.09 -0.99 0.00	28.58 -1.16 0.00	27.15 -1.61 0.00	27.03 -1.54 0.00	27.56 -1.54 0.00	29.41 -0.69 0.00	34.64 -1.07 0.00	37.03 -1.22 0.00	37.19 -1.27 0.00	34.71 -1.67 0.00	37.50 -1.93 0.00	37.43 -1.52 0.00	36.38 -1.63 0.00	36.99 -1.07 0.00	37.16 -1.03 0.00	37.53 -1.24 0.00	43.27 -2.28 0.00	48.94 -1.99 0.00	46.53 -2.14 0.00	43.89 -2.41 0.00	38.11 -1.22 0.00	35.93 -1.93 0.00	34.25 -1.92 0.00	34.12 -1.65 0.00
MORTIMER_115KV_TB3 55949	29.78 -1.31 0.00	28.34 -1.40 0.00	27.15 -1.61 0.00	26.95 -1.63 0.00	27.53 -1.57 0.00	29.11 -0.99 0.00	34.14 -1.57 0.00	36.73 -1.53 0.00	36.88 -1.58 0.00	34.52 -1.86 0.00	37.31 -2.13 0.00	37.07 -1.87 0.00	36.00 -2.01 0.00	36.42 -1.64 0.00	36.51 -1.68 0.00	36.99 -1.78 0.00	43.05 -2.51 0.00	48.33 -2.60 0.00	46.09 -2.58 0.00	43.66 -2.64 0.00	37.48 -1.85 0.00	35.59 -2.27 0.00	33.96 -2.21 0.00	33.62 -2.15 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.45 1.37 0.00	30.93 1.19 0.00	29.97 1.21 0.00	29.78 1.20 0.00	30.32 1.22 0.00	31.30 1.20 0.00	37.50 1.79 0.00	40.82 2.56 0.00	41.42 2.96 0.00	38.85 2.47 0.00	42.32 2.88 0.00	41.90 2.96 0.00	40.87 2.85 0.00	40.83 2.78 0.00	41.10 2.90 0.00	41.68 2.91 0.00	49.06 3.51 0.00	55.00 4.07 0.00	52.17 3.50 0.00	49.95 3.66 0.00	42.20 2.87 0.00	40.25 2.39 0.00	38.23 2.06 0.00	37.77 2.00 0.00

MUNSVILLE_WIND_PWR 323609	33.66 2.58 0.00	32.12 2.38 0.00	30.89 2.13 0.00	30.78 2.20 0.00	31.37 2.27 0.00	32.75 2.65 0.00	39.10 3.39 0.00	42.47 4.21 0.00	42.27 3.81 0.00	39.91 3.53 0.00	43.42 3.98 0.00	42.80 3.86 0.00	41.70 3.69 0.00	41.82 3.77 0.00	42.05 3.86 0.00	42.80 4.03 0.00	50.47 4.92 0.00	57.09 6.16 0.00	54.70 6.03 0.00	51.85 5.55 0.00	44.05 4.72 0.00	42.03 4.16 0.00	39.89 3.73 0.00	39.31 3.54 0.00
N SALMON___HYD 24042	32.29 1.21 0.00	31.05 1.31 0.00	29.94 1.18 0.00	29.69 1.11 0.00	30.23 1.13 0.00	31.42 1.32 0.00	36.82 1.11 0.00	39.14 0.88 0.00	39.50 1.04 0.00	37.47 1.09 0.00	40.27 0.83 0.00	39.68 0.74 0.00	38.85 0.84 0.00	38.78 0.72 0.00	38.88 0.69 0.00	39.51 0.73 0.00	46.51 0.96 0.00	52.10 1.17 0.00	49.93 1.26 0.00	47.22 0.93 0.00	40.19 0.86 0.00	38.92 1.06 0.00	37.47 1.30 0.00	37.38 1.61 0.00
N.AKRON___115KV_KNAPP 355671	29.43 -1.65 0.00	28.02 -1.73 0.00	26.67 -2.10 0.00	26.46 -2.11 0.00	27.03 -2.07 0.00	28.90 -1.20 0.00	33.67 -2.04 0.00	36.15 -2.10 0.00	36.27 -2.19 0.00	33.72 -2.66 0.00	36.32 -3.12 0.00	36.22 -2.73 0.00	35.09 -2.93 0.00	35.73 -2.32 0.00	35.79 -2.41 0.00	36.21 -2.56 0.00	41.91 -3.64 0.00	47.16 -3.77 0.00	44.92 -3.75 0.00	42.41 -3.89 0.00	36.73 -2.60 0.00	34.68 -3.18 0.00	33.13 -3.04 0.00	32.87 -2.90 0.00
N.BELMOR_69_KV_BK1 55787	41.13 1.96 -8.09	37.26 1.75 -5.77	33.58 1.73 -3.09	32.15 1.71 -1.86	32.98 1.75 -2.13	38.15 1.78 -6.27	47.53 2.43 -9.39	51.97 3.25 -10.46	51.45 3.58 -9.41	53.23 3.06 -13.79	66.70 3.51 -23.75	68.91 3.62 -26.35	63.47 3.46 -22.00	62.94 3.39 -21.50	59.93 3.48 -18.26	67.56 3.57 -25.22	70.89 4.15 -21.20	88.62 4.89 -32.80	88.04 4.28 -35.09	74.41 4.35 -23.77	67.32 3.50 -24.49	60.99 3.03 -20.10	54.34 2.64 -15.53	51.98 2.54 -13.67
N.E_GEN_SANDY PD 24062	35.10 1.24 -2.77	34.38 1.16 -3.48	32.77 1.15 -2.85	32.83 1.14 -3.11	35.05 1.11 -4.84	36.89 1.05 -5.74	40.98 1.46 -3.81	51.68 1.87 -11.55	49.27 2.00 -8.81	53.03 1.67 -14.98	59.00 2.13 -17.44	59.00 2.18 -17.88	59.82 2.05 -19.75	59.90 2.02 -19.83	56.72 2.10 -16.43	57.40 2.13 -16.50	61.81 2.55 -13.71	72.84 2.90 -19.01	65.83 2.58 -14.58	64.99 2.59 -16.10	57.67 2.12 -16.22	57.19 1.89 -17.43	48.60 1.55 -10.88	45.89 1.47 -8.66
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.23 1.15 0.00	30.75 1.01 0.00	29.77 1.01 0.00	29.58 1.00 0.00	30.09 0.99 0.00	31.09 0.99 0.00	37.21 1.50 0.00	40.40 2.14 0.00	40.88 2.42 0.00	38.38 2.00 0.00	41.80 2.37 0.00	41.44 2.49 0.00	40.37 2.36 0.00	40.34 2.28 0.00	40.56 2.37 0.00	41.18 2.40 0.00	48.42 2.87 0.00	54.34 3.41 0.00	51.59 2.92 0.00	49.30 3.01 0.00	41.77 2.44 0.00	39.79 1.93 0.00	37.79 1.63 0.00	37.34 1.57 0.00
N.QUEENS_27_KV_LOAD 356247	32.45 1.37 0.00	30.84 1.10 0.00	29.86 1.09 0.00	29.72 1.14 0.00	30.23 1.13 0.00	31.03 0.93 0.00	37.14 1.43 0.00	40.59 2.33 0.00	41.35 2.88 0.00	38.75 2.36 0.00	42.24 2.80 0.00	41.83 2.88 0.00	40.83 2.81 0.00	40.72 2.66 0.00	41.06 2.86 0.00	41.68 2.91 0.00	48.97 3.42 0.00	55.00 4.07 0.00	52.12 3.46 0.00	49.95 3.66 0.00	42.16 2.83 0.00	40.17 2.31 0.00	38.05 1.88 0.00	37.80 2.04 0.00
N.TROY___115KV_TB1 355778	32.23 1.15 0.00	30.81 1.07 0.00	29.86 1.09 0.00	29.66 1.09 0.00	30.18 1.08 0.00	31.12 1.02 0.00	36.96 1.25 0.00	39.83 1.57 0.00	40.15 1.69 0.00	37.76 1.38 0.00	41.17 1.74 0.00	40.74 1.79 0.00	39.69 1.67 0.00	39.69 1.64 0.00	39.91 1.72 0.00	40.56 1.78 0.00	47.65 2.10 0.00	53.37 2.44 0.00	50.91 2.24 0.00	48.47 2.18 0.00	41.10 1.77 0.00	39.34 1.48 0.00	37.40 1.23 0.00	36.95 1.18 0.00
NARROWS_GT1_1 24228	32.63 1.55 0.00	31.05 1.31 0.00	30.03 1.26 0.00	29.81 1.23 0.00	30.41 1.31 0.00	31.27 1.17 0.00	37.60 1.89 0.00	40.93 2.68 0.00	41.59 3.08 -0.06	38.93 2.55 0.00	42.51 3.08 0.00	42.10 3.15 0.00	41.11 3.04 -0.06	40.95 2.89 0.00	50.29 3.17 -8.93	46.36 3.22 -4.37	49.29 3.74 0.00	67.66 4.38 -12.35	150.20 3.84 -97.69	64.31 4.03 -13.99	52.79 3.18 -10.27	53.69 2.84 -12.98	38.52 2.35 0.00	38.15 2.36 -0.02
NARROWS_GT1_2 24229	32.63 1.55 0.00	31.05 1.31 0.00	30.03 1.26 0.00	29.81 1.23 0.00	30.41 1.31 0.00	31.27 1.17 0.00	37.60 1.89 0.00	40.93 2.68 0.00	41.59 3.08 -0.06	38.93 2.55 0.00	42.51 3.08 0.00	42.10 3.15 0.00	41.11 3.04 -0.06	40.95 2.89 0.00	50.29 3.17 -8.93	46.36 3.22 -4.37	49.29 3.74 0.00	67.66 4.38 -12.35	150.20 3.84 -97.69	64.31 4.03 -13.99	52.79 3.18 -10.27	53.69 2.84 -12.98	38.52 2.35 0.00	38.15 2.36 -0.02
NARROWS_GT1_3 24230	32.63 1.55 0.00	31.05 1.31 0.00	30.03 1.26 0.00	29.81 1.23 0.00	30.41 1.31 0.00	31.27 1.17 0.00	37.60 1.89 0.00	40.93 2.68 0.00	41.59 3.08 -0.06	38.93 2.55 0.00	42.51 3.08 0.00	42.10 3.15 0.00	41.11 3.04 -0.06	40.95 2.89 0.00	50.29 3.17 -8.93	46.36 3.22 -4.37	49.29 3.74 0.00	67.66 4.38 -12.35	150.20 3.84 -97.69	64.31 4.03 -13.99	52.79 3.18 -10.27	53.69 2.84 -12.98	38.52 2.35 0.00	38.15 2.36 -0.02
NARROWS_GT1_4 24231	32.63 1.55 0.00	31.05 1.31 0.00	30.03 1.26 0.00	29.81 1.23 0.00	30.41 1.31 0.00	31.27 1.17 0.00	37.60 1.89 0.00	40.93 2.68 0.00	41.59 3.08 -0.06	38.93 2.55 0.00	42.51 3.08 0.00	42.10 3.15 0.00	41.11 3.04 -0.06	40.95 2.89 0.00	50.29 3.17 -8.93	46.36 3.22 -4.37	49.29 3.74 0.00	67.66 4.38 -12.35	150.20 3.84 -97.69	64.31 4.03 -13.99	52.79 3.18 -10.27	53.69 2.84 -12.98	38.52 2.35 0.00	38.15 2.36 -0.02
NARROWS_GT1_5 24232	32.63 1.55 0.00	31.05 1.31 0.00	30.03 1.26 0.00	29.81 1.23 0.00	30.41 1.31 0.00	31.27 1.17 0.00	37.60 1.89 0.00	40.93 2.68 0.00	41.59 3.08 -0.06	38.93 2.55 0.00	42.51 3.08 0.00	42.10 3.15 0.00	41.11 3.04 -0.06	40.95 2.89 0.00	50.29 3.17 -8.93	46.36 3.22 -4.37	49.29 3.74 0.00	67.66 4.38 -12.35	150.20 3.84 -97.69	64.31 4.03 -13.99	52.79 3.18 -10.27	53.69 2.84 -12.98	38.52 2.35 0.00	38.15 2.36 -0.02
NARROWS_GT1_6 24233	32.63 1.55 0.00	31.05 1.31 0.00	30.03 1.26 0.00	29.81 1.23 0.00	30.41 1.31 0.00	31.27 1.17 0.00	37.60 1.89 0.00	40.93 2.68 0.00	41.59 3.08 -0.06	38.93 2.55 0.00	42.51 3.08 0.00	42.10 3.15 0.00	41.11 3.04 -0.06	40.95 2.89 0.00	50.29 3.17 -8.93	46.36 3.22 -4.37	49.29 3.74 0.00	67.66 4.38 -12.35	150.20 3.84 -97.69	64.31 4.03 -13.99	52.79 3.18 -10.27	53.69 2.84 -12.98	38.52 2.35 0.00	38.15 2.36 -0.02
NARROWS_GT1_7 24234	32.63 1.55 0.00	31.05 1.31 0.00	30.03 1.26 0.00	29.81 1.23 0.00	30.41 1.31 0.00	31.27 1.17 0.00	37.60 1.89 0.00	40.93 2.68 0.00	41.59 3.08 -0.06	38.93 2.55 0.00	42.51 3.08 0.00	42.10 3.15 0.00	41.11 3.04 -0.06	40.95 2.89 0.00	50.29 3.17 -8.93	46.36 3.22 -4.37	49.29 3.74 0.00	67.66 4.38 -12.35	150.20 3.84 -97.69	64.31 4.03 -13.99	52.79 3.18 -10.27	53.69 2.84 -12.98	38.52 2.35 0.00	38.15 2.36 -0.02

NEG CENTRAL___SENECA 23627	30.93 -0.16 0.00	29.50 -0.24 0.00	28.33 -0.43 0.00	28.18 -0.40 0.00	28.81 -0.29 0.00	30.28 0.18 0.00	35.75 0.04 0.00	38.45 0.19 0.00	38.61 0.15 0.00	36.34 -0.04 0.00	39.24 -0.20 0.00	38.83 -0.12 0.00	37.86 -0.15 0.00	38.06 0.00 0.00	38.27 0.08 0.00	38.73 -0.04 0.00	45.41 -0.14 0.00	51.13 0.20 0.00	48.77 0.10 0.00	46.16 -0.14 0.00	39.45 0.12 0.00	37.60 -0.27 0.00	35.80 -0.36 0.00	35.44 -0.32 0.00
NEG CENTRAL___STATE_STREET 24147	30.86 -0.22 0.00	29.48 -0.27 0.00	28.42 -0.35 0.00	28.26 -0.31 0.00	28.84 -0.26 0.00	30.10 0.00 0.00	35.67 -0.04 0.00	38.49 0.23 0.00	38.69 0.23 0.00	36.49 0.11 0.00	39.55 0.12 0.00	39.10 0.16 0.00	38.05 0.04 0.00	38.17 0.11 0.00	38.35 0.15 0.00	38.89 0.12 0.00	45.69 0.14 0.00	51.29 0.36 0.00	48.96 0.29 0.00	46.43 0.14 0.00	39.53 0.20 0.00	37.71 -0.15 0.00	35.91 -0.25 0.00	35.48 -0.29 0.00
NEG MILLWOOD___DRP 24198	32.67 1.59 0.00	31.17 1.43 0.00	30.15 1.38 0.00	29.98 1.40 0.00	30.38 1.28 0.00	31.30 1.20 0.00	37.50 1.79 0.00	40.78 2.53 0.00	41.27 2.81 0.00	38.64 2.26 0.00	42.16 2.72 0.00	41.79 2.84 0.00	40.64 2.62 0.00	40.61 2.55 0.00	40.79 2.60 0.00	41.49 2.71 0.00	48.83 3.28 0.00	54.90 3.97 0.00	52.12 3.46 0.00	49.81 3.52 0.00	42.16 2.83 0.00	40.13 2.27 0.00	38.08 1.92 0.00	37.63 1.86 0.00
NEG NORTH_FLCN_SEA 23793	32.67 1.59 0.00	31.38 1.64 0.00	30.26 1.50 0.00	29.98 1.40 0.00	30.53 1.43 0.00	31.72 1.63 0.00	37.00 1.29 0.00	39.25 0.99 0.00	39.38 0.92 0.00	37.44 1.06 0.00	40.46 1.03 0.00	39.84 0.90 0.00	38.96 0.95 0.00	38.89 0.84 0.00	39.00 0.80 0.00	39.66 0.89 0.00	46.74 1.18 0.00	52.30 1.38 0.00	50.18 1.51 0.00	47.41 1.11 0.00	40.35 1.02 0.00	39.15 1.29 0.00	37.50 1.34 0.00	37.73 1.97 0.00
NEG NORTH_KES_CHATEGAY 23792	32.29 1.21 0.00	30.99 1.25 0.00	29.89 1.12 0.00	29.64 1.06 0.00	30.15 1.05 0.00	31.30 1.20 0.00	36.75 1.04 0.00	38.95 0.69 0.00	39.08 0.62 0.00	37.14 0.76 0.00	40.11 0.67 0.00	39.49 0.55 0.00	38.70 0.68 0.00	38.63 0.57 0.00	38.73 0.53 0.00	39.39 0.62 0.00	46.42 0.87 0.00	51.90 0.97 0.00	49.79 1.12 0.00	47.08 0.79 0.00	40.08 0.75 0.00	38.92 1.06 0.00	37.29 1.12 0.00	37.27 1.50 0.00
NEG NORTH___ALICE_FALLS 23915	32.73 1.65 0.00	31.41 1.67 0.00	30.29 1.52 0.00	30.04 1.46 0.00	30.55 1.45 0.00	31.79 1.69 0.00	37.21 1.50 0.00	39.52 1.26 0.00	39.65 1.19 0.00	37.65 1.27 0.00	40.70 1.26 0.00	40.03 1.09 0.00	39.19 1.18 0.00	39.12 1.07 0.00	39.23 1.03 0.00	39.94 1.16 0.00	47.01 1.46 0.00	52.71 1.78 0.00	50.57 1.90 0.00	47.73 1.44 0.00	40.67 1.34 0.00	39.38 1.51 0.00	37.72 1.56 0.00	37.84 2.07 0.00
NEG NORTH___LWR_SARANAC 23913	32.73 1.65 0.00	31.41 1.67 0.00	30.29 1.52 0.00	30.04 1.46 0.00	30.55 1.45 0.00	31.79 1.69 0.00	37.21 1.50 0.00	39.52 1.26 0.00	39.65 1.19 0.00	37.65 1.27 0.00	40.70 1.26 0.00	40.03 1.09 0.00	39.19 1.18 0.00	39.12 1.07 0.00	39.23 1.03 0.00	39.94 1.16 0.00	47.01 1.46 0.00	52.71 1.78 0.00	50.57 1.90 0.00	47.73 1.44 0.00	40.67 1.34 0.00	39.38 1.51 0.00	37.72 1.56 0.00	37.84 2.07 0.00
NEG NORTH___PLATTSBURG 23628	32.73 1.65 0.00	31.41 1.66 0.00	30.29 1.52 0.00	30.03 1.46 0.00	30.58 1.48 0.00	31.84 1.75 0.00	37.21 1.50 0.00	39.52 1.26 0.00	39.84 1.38 0.00	37.76 1.38 0.00	40.62 1.18 0.00	40.03 1.09 0.00	39.23 1.22 0.00	39.16 1.10 0.00	39.26 1.07 0.00	39.93 1.16 0.00	47.01 1.46 0.00	52.76 1.83 0.00	50.57 1.90 0.00	47.73 1.44 0.00	40.67 1.34 0.00	39.26 1.40 0.00	37.72 1.55 0.00	37.84 2.07 0.00
NEG WEST_LEA_LOCKPORT 23791	28.91 -2.18 0.00	27.54 -2.20 0.00	26.18 -2.59 0.00	25.95 -2.63 0.00	26.51 -2.59 0.00	28.38 -1.72 0.00	32.96 -2.75 0.00	35.31 -2.95 0.00	35.35 -3.12 0.00	32.85 -3.53 0.00	35.37 -4.06 0.00	35.32 -3.62 0.00	34.25 -3.76 0.00	34.90 -3.16 0.00	34.95 -3.25 0.00	35.32 -3.45 0.00	40.86 -4.69 0.00	45.89 -5.04 0.00	43.70 -4.96 0.00	41.25 -5.05 0.00	35.83 -3.50 0.00	33.85 -4.01 0.00	32.37 -3.80 0.00	32.15 -3.61 0.00
NEG WEST___LANCASTER 23811	30.21 -0.87 0.00	28.76 -0.98 0.00	27.36 -1.41 0.00	27.15 -1.43 0.00	27.79 -1.31 0.00	29.65 -0.45 0.00	34.82 -0.89 0.00	37.30 -0.96 0.00	37.27 -1.19 0.00	34.78 -1.60 0.00	37.54 -1.89 0.00	37.39 -1.56 0.00	36.30 -1.71 0.00	36.84 -1.22 0.00	36.97 -1.22 0.00	37.30 -1.47 0.00	43.14 -2.41 0.00	48.64 -2.29 0.00	46.24 -2.43 0.00	43.66 -2.64 0.00	37.87 -1.46 0.00	35.78 -2.08 0.00	34.14 -2.03 0.00	33.94 -1.82 0.00
NEG_PENN_ALLEGHNY 23528	31.27 0.19 0.00	29.86 0.12 0.00	28.76 0.00 0.00	28.61 0.03 0.00	29.25 0.15 0.00	30.43 0.33 0.00	36.07 0.36 0.00	39.02 0.76 0.00	39.07 0.61 0.00	36.85 0.47 0.00	40.18 0.75 0.00	39.65 0.70 0.00	38.59 0.57 0.00	38.74 0.69 0.00	38.92 0.72 0.00	39.47 0.70 0.00	46.33 0.77 0.00	52.00 1.07 0.00	49.59 0.92 0.00	47.08 0.79 0.00	40.12 0.79 0.00	38.39 0.53 0.00	36.45 0.29 0.00	36.09 0.32 0.00
NEG___GEN_MONROE 24207	29.81 -1.27 0.00	28.34 -1.40 0.00	27.15 -1.61 0.00	26.95 -1.63 0.00	27.56 -1.54 0.00	29.14 -0.96 0.00	34.07 -1.64 0.00	36.65 -1.61 0.00	36.81 -1.65 0.00	34.34 -2.04 0.00	36.99 -2.45 0.00	36.76 -2.18 0.00	35.73 -2.28 0.00	36.11 -1.94 0.00	36.28 -1.91 0.00	36.68 -2.09 0.00	42.64 -2.92 0.00	48.03 -2.90 0.00	45.85 -2.82 0.00	43.29 -3.01 0.00	37.17 -2.16 0.00	35.25 -2.61 0.00	33.74 -2.42 0.00	33.41 -2.36 0.00
NEPA___ENERGY 23901	29.90 -1.18 0.00	28.46 -1.28 0.00	27.07 -1.70 0.00	26.89 -1.69 0.00	27.53 -1.57 0.00	29.35 -0.75 0.00	34.35 -1.36 0.00	36.61 -1.65 0.00	36.58 -1.88 0.00	34.12 -2.26 0.00	36.87 -2.56 0.00	36.72 -2.22 0.00	35.62 -2.39 0.00	36.19 -1.86 0.00	36.28 -1.91 0.00	36.64 -2.13 0.00	42.36 -3.19 0.00	47.77 -3.16 0.00	45.36 -3.31 0.00	42.87 -3.43 0.00	37.21 -2.12 0.00	35.17 -2.69 0.00	33.53 -2.64 0.00	33.48 -2.29 0.00
NEVERSINK___HYD 23608	32.63 1.55 0.00	31.11 1.37 0.00	30.09 1.32 0.00	29.92 1.34 0.00	30.32 1.22 0.00	31.30 1.21 0.00	37.57 1.86 0.00	40.55 2.30 0.00	40.92 2.46 0.00	38.38 2.00 0.00	41.84 2.41 0.00	41.47 2.53 0.00	40.41 2.40 0.00	40.38 2.32 0.00	40.60 2.41 0.00	41.29 2.52 0.00	48.60 3.05 0.00	54.55 3.62 0.00	51.98 3.31 0.00	49.63 3.34 0.00	42.04 2.71 0.00	40.13 2.27 0.00	38.12 1.95 0.00	37.59 1.82 0.00
NEWKRMKL_115KV_TB1 55635	31.83 0.75 0.00	30.49 0.74 0.00	29.57 0.81 0.00	29.38 0.80 0.00	29.89 0.79 0.00	30.61 0.51 0.00	36.35 0.64 0.00	39.10 0.84 0.00	39.50 1.04 0.00	37.14 0.76 0.00	40.50 1.06 0.00	40.07 1.13 0.00	39.08 1.06 0.00	39.08 1.03 0.00	39.34 1.15 0.00	39.94 1.16 0.00	46.96 1.41 0.00	52.46 1.53 0.00	50.03 1.36 0.00	47.64 1.34 0.00	40.39 1.06 0.00	38.70 0.83 0.00	36.78 0.61 0.00	36.34 0.57 0.00

NEWTON___FALLS_HYD 23847	30.74 -0.34 0.00	29.56 -0.18 0.00	28.59 -0.17 0.00	28.41 -0.17 0.00	28.90 -0.20 0.00	29.86 -0.24 0.00	35.10 -0.61 0.00	37.45 -0.80 0.00	37.54 -0.92 0.00	35.58 -0.80 0.00	38.49 -0.95 0.00	38.05 -0.90 0.00	37.10 -0.91 0.00	37.07 -0.99 0.00	37.16 -1.03 0.00	37.84 -0.93 0.00	44.55 -1.00 0.00	49.96 -0.97 0.00	47.89 -0.78 0.00	45.42 -0.88 0.00	38.54 -0.79 0.00	37.41 -0.45 0.00	35.95 -0.22 0.00	35.62 -0.14 0.00
NGRID_A1_DSASP 323792	28.22 -2.86 0.00	26.89 -2.86 0.00	25.60 -3.16 0.00	25.43 -3.14 0.00	26.36 -2.74 0.00	27.69 -2.41 0.00	32.14 -3.57 0.00	34.51 -3.75 0.00	33.84 -4.62 0.00	31.72 -4.66 0.00	34.98 -4.46 0.00	34.50 -4.44 0.00	33.30 -4.72 0.00	33.98 -4.07 0.00	34.03 -4.16 0.00	34.51 -4.27 0.00	39.72 -5.83 0.00	44.51 -6.42 0.00	42.58 -6.09 0.00	40.28 -6.02 0.00	34.81 -4.52 0.00	33.17 -4.70 0.00	31.54 -4.63 0.00	31.33 -4.44 0.00
NGRID_A2_DSASP 323793	28.22 -2.86 0.00	26.89 -2.86 0.00	25.60 -3.16 0.00	25.43 -3.14 0.00	26.36 -2.74 0.00	27.69 -2.41 0.00	32.14 -3.57 0.00	34.51 -3.75 0.00	33.84 -4.62 0.00	31.72 -4.66 0.00	34.98 -4.46 0.00	34.50 -4.44 0.00	33.30 -4.72 0.00	33.98 -4.07 0.00	34.03 -4.16 0.00	34.51 -4.27 0.00	39.72 -5.83 0.00	44.51 -6.42 0.00	42.58 -6.09 0.00	40.28 -6.02 0.00	34.81 -4.52 0.00	33.17 -4.70 0.00	31.54 -4.63 0.00	31.33 -4.44 0.00
NGRID_A4_DSASP 323807	28.22 -2.86 0.00	26.89 -2.86 0.00	25.60 -3.16 0.00	25.43 -3.14 0.00	26.36 -2.74 0.00	27.69 -2.41 0.00	32.14 -3.57 0.00	34.51 -3.75 0.00	33.84 -4.62 0.00	31.72 -4.66 0.00	34.98 -4.46 0.00	34.50 -4.44 0.00	33.30 -4.72 0.00	33.98 -4.07 0.00	34.03 -4.16 0.00	34.51 -4.27 0.00	39.72 -5.83 0.00	44.51 -6.42 0.00	42.58 -6.09 0.00	40.28 -6.02 0.00	34.81 -4.52 0.00	33.17 -4.70 0.00	31.54 -4.63 0.00	31.33 -4.44 0.00
NIAGARA_115E_LBMP 323715	28.41 -2.67 0.00	27.07 -2.68 0.00	25.80 -2.96 0.00	25.63 -2.94 0.00	26.57 -2.53 0.00	27.90 -2.20 0.00	32.32 -3.39 0.00	34.70 -3.56 0.00	34.08 -4.39 0.00	31.90 -4.48 0.00	35.18 -4.26 0.00	34.74 -4.21 0.00	33.49 -4.52 0.00	34.17 -3.88 0.00	34.22 -3.97 0.00	34.70 -4.07 0.00	39.99 -5.56 0.00	44.87 -6.06 0.00	42.88 -5.79 0.00	40.55 -5.74 0.00	35.04 -4.29 0.00	33.39 -4.47 0.00	31.72 -4.45 0.00	31.51 -4.26 0.00
NIAGARA_115W_LBMP 323714	28.16 -2.92 0.00	26.80 -2.95 0.00	25.54 -3.22 0.00	25.38 -3.20 0.00	26.31 -2.79 0.00	27.63 -2.47 0.00	32.07 -3.64 0.00	34.40 -3.86 0.00	33.77 -4.69 0.00	31.62 -4.76 0.00	34.86 -4.57 0.00	34.43 -4.52 0.00	33.22 -4.79 0.00	33.87 -4.19 0.00	33.95 -4.24 0.00	34.43 -4.34 0.00	39.63 -5.92 0.00	44.41 -6.52 0.00	42.44 -6.23 0.00	40.14 -6.16 0.00	34.73 -4.60 0.00	33.09 -4.77 0.00	31.47 -4.70 0.00	31.26 -4.51 0.00
NIAGARA_230_LBMP 323716	28.66 -2.42 0.00	27.30 -2.44 0.00	26.00 -2.76 0.00	25.86 -2.72 0.00	26.77 -2.33 0.00	28.11 -1.99 0.00	32.67 -3.04 0.00	35.04 -3.21 0.00	34.38 -4.08 0.00	32.23 -4.15 0.00	35.53 -3.90 0.00	35.05 -3.89 0.00	33.83 -4.18 0.00	34.48 -3.58 0.00	34.56 -3.63 0.00	35.05 -3.72 0.00	40.40 -5.15 0.00	45.27 -5.65 0.00	43.27 -5.40 0.00	40.93 -5.37 0.00	35.36 -3.97 0.00	33.74 -4.13 0.00	32.04 -4.12 0.00	31.87 -3.90 0.00
NIAGARA___115KV_198_GIBSON 55903	28.16 -2.92 0.00	26.80 -2.94 0.00	25.49 -3.28 0.00	25.29 -3.29 0.00	25.81 -3.29 0.00	27.63 -2.47 0.00	32.07 -3.64 0.00	34.28 -3.98 0.00	34.31 -4.15 0.00	31.91 -4.47 0.00	34.35 -5.09 0.00	34.27 -4.67 0.00	33.22 -4.79 0.00	33.91 -4.15 0.00	33.95 -4.24 0.00	34.27 -4.50 0.00	39.58 -5.97 0.00	44.41 -6.52 0.00	42.34 -6.33 0.00	40.00 -6.30 0.00	34.73 -4.60 0.00	32.87 -5.00 0.00	31.46 -4.70 0.00	31.26 -4.51 0.00
NIAGARA____ 23760	28.66 -2.42 0.00	27.30 -2.44 0.00	26.00 -2.76 0.00	25.86 -2.72 0.00	26.77 -2.33 0.00	28.11 -1.99 0.00	32.67 -3.04 0.00	35.04 -3.21 0.00	34.38 -4.08 0.00	32.23 -4.15 0.00	35.53 -3.90 0.00	35.05 -3.89 0.00	33.83 -4.18 0.00	34.48 -3.58 0.00	34.56 -3.63 0.00	35.05 -3.72 0.00	40.40 -5.15 0.00	45.27 -5.65 0.00	43.27 -5.40 0.00	40.93 -5.37 0.00	35.36 -3.97 0.00	33.74 -4.13 0.00	32.04 -4.12 0.00	31.87 -3.90 0.00
NINE_MILE_1 23575	29.87 -1.21 0.00	28.55 -1.19 0.00	27.58 -1.18 0.00	27.40 -1.17 0.00	27.93 -1.16 0.00	28.96 -1.14 0.00	34.32 -1.39 0.00	36.88 -1.38 0.00	37.00 -1.46 0.00	34.96 -1.42 0.00	38.02 -1.42 0.00	37.54 -1.40 0.00	36.57 -1.44 0.00	36.69 -1.37 0.00	36.82 -1.37 0.00	37.38 -1.39 0.00	43.87 -1.68 0.00	49.10 -1.83 0.00	46.92 -1.75 0.00	44.58 -1.71 0.00	37.92 -1.41 0.00	36.39 -1.48 0.00	34.68 -1.48 0.00	34.27 -1.50 0.00
NINE_MILE_2 23744	29.87 -1.21 0.00	28.55 -1.19 0.00	27.58 -1.18 0.00	27.40 -1.17 0.00	27.96 -1.14 0.00	28.96 -1.14 0.00	34.32 -1.39 0.00	36.88 -1.38 0.00	37.00 -1.46 0.00	34.96 -1.42 0.00	38.02 -1.42 0.00	37.54 -1.40 0.00	36.61 -1.41 0.00	36.69 -1.37 0.00	36.82 -1.37 0.00	37.38 -1.39 0.00	43.87 -1.68 0.00	49.10 -1.83 0.00	46.92 -1.75 0.00	44.58 -1.71 0.00	37.92 -1.41 0.00	36.39 -1.48 0.00	34.68 -1.48 0.00	34.27 -1.50 0.00
NM_CAPITAL___DRP 24208	31.89 0.81 0.00	30.55 0.80 0.00	29.63 0.86 0.00	29.44 0.86 0.00	29.94 0.84 0.00	30.70 0.60 0.00	36.46 0.75 0.00	39.25 0.99 0.00	39.61 1.15 0.00	37.25 0.87 0.00	40.66 1.22 0.00	40.23 1.29 0.00	39.23 1.22 0.00	39.24 1.18 0.00	39.45 1.26 0.00	40.09 1.32 0.00	47.10 1.55 0.00	52.66 1.73 0.00	50.18 1.51 0.00	47.78 1.48 0.00	40.55 1.22 0.00	38.85 0.98 0.00	36.93 0.76 0.00	36.48 0.72 0.00
NM_CENTRAL___DRP 24181	30.49 -0.59 0.00	29.15 -0.59 0.00	28.13 -0.63 0.00	27.95 -0.63 0.00	28.49 -0.61 0.00	29.59 -0.51 0.00	35.00 -0.71 0.00	37.72 -0.54 0.00	37.96 -0.50 0.00	35.80 -0.58 0.00	38.85 -0.59 0.00	38.44 -0.51 0.00	37.44 -0.57 0.00	37.56 -0.49 0.00	37.70 -0.50 0.00	38.23 -0.54 0.00	44.87 -0.68 0.00	50.27 -0.66 0.00	47.99 -0.68 0.00	45.55 -0.74 0.00	38.74 -0.59 0.00	37.07 -0.80 0.00	35.33 -0.83 0.00	34.91 -0.86 0.00
NM_FRONTIER___DRP 24179	28.16 -2.92 0.00	26.80 -2.94 0.00	25.49 -3.28 0.00	25.29 -3.29 0.00	25.81 -3.29 0.00	27.63 -2.47 0.00	32.07 -3.64 0.00	34.28 -3.98 0.00	34.31 -4.15 0.00	31.91 -4.47 0.00	34.35 -5.09 0.00	34.27 -4.67 0.00	33.22 -4.79 0.00	33.91 -4.15 0.00	33.95 -4.24 0.00	34.27 -4.50 0.00	39.58 -5.97 0.00	44.41 -6.52 0.00	42.34 -6.33 0.00	40.00 -6.30 0.00	34.73 -4.60 0.00	32.87 -5.00 0.00	31.46 -4.70 0.00	31.26 -4.51 0.00
NM_ST_REGIS___HYD 24053	31.45 0.37 0.00	30.34 0.59 0.00	29.31 0.55 0.00	29.12 0.54 0.00	29.62 0.52 0.00	30.55 0.45 0.00	35.89 0.18 0.00	38.07 -0.19 0.00	38.11 -0.35 0.00	36.23 -0.15 0.00	39.12 -0.47 0.00	38.48 -0.49 0.00	37.52 -0.49 0.00	37.48 -0.57 0.00	37.54 -0.65 0.00	38.19 -0.58 0.00	44.91 -0.64 0.00	50.22 -0.71 0.00	48.23 -0.44 0.00	45.69 -0.60 0.00	38.86 -0.47 0.00	38.01 0.15 0.00	36.64 0.47 0.00	36.45 0.68 0.00

NYPA_HARLEM__RVR__GT1 24160	32.45 1.37 0.00	30.84 1.10 0.00	29.86 1.09 0.00	29.61 1.03 0.00	30.21 1.11 0.00	30.97 0.87 0.00	37.13 1.43 0.01	40.51 2.26 0.01	41.14 2.69 0.01	38.59 2.22 0.01	42.15 2.72 0.01	41.74 2.81 0.01	40.71 2.70 0.01	40.64 2.59 0.01	40.97 2.79 0.01	41.59 2.83 0.01	48.87 3.32 0.01	54.79 3.87 0.01	52.07 3.41 0.01	49.85 3.56 0.01	42.11 2.79 0.01	40.28 2.43 0.01	38.08 1.92 0.00	37.80 2.04 0.00
NYPA_HARLEM__RVR__GT2 24161	32.45 1.37 0.00	30.84 1.10 0.00	29.86 1.09 0.00	29.61 1.03 0.00	30.21 1.11 0.00	30.97 0.87 0.00	37.13 1.43 0.01	40.51 2.26 0.01	41.14 2.69 0.01	38.59 2.22 0.01	42.15 2.72 0.01	41.74 2.81 0.01	40.71 2.70 0.01	40.64 2.59 0.01	40.97 2.79 0.01	41.59 2.83 0.01	48.87 3.32 0.01	54.79 3.87 0.01	52.07 3.41 0.01	49.85 3.56 0.01	42.11 2.79 0.01	40.28 2.43 0.01	38.08 1.92 0.00	37.80 2.04 0.00
NYPA_KENT____GT 24152	32.57 1.49 0.00	31.02 1.28 0.00	30.00 1.24 0.00	29.78 1.20 0.00	30.38 1.28 0.00	31.24 1.14 0.00	37.53 1.82 0.00	40.90 2.64 0.00	41.49 3.00 -0.03	38.89 2.51 0.00	42.47 3.04 0.00	42.06 3.12 0.00	41.05 3.00 -0.03	40.91 2.86 0.00	46.40 3.09 -5.11	44.41 3.14 -2.50	49.20 3.65 0.00	62.28 4.28 -7.07	108.34 3.75 -55.93	58.19 3.89 -8.01	48.32 3.11 -5.88	48.06 2.76 -7.43	38.45 2.28 0.00	38.03 2.25 -0.01
NYPA_POUCH1____GT 24155	32.60 1.52 0.00	31.02 1.28 0.00	29.97 1.21 0.00	29.75 1.17 0.00	30.38 1.28 0.00	31.21 1.11 0.00	37.49 1.78 0.00	40.78 2.52 0.00	41.40 2.89 -0.06	38.74 2.36 0.00	42.31 2.88 0.00	41.90 2.96 0.00	40.92 2.85 -0.06	40.76 2.70 0.00	50.14 3.02 -8.93	46.24 3.10 -4.37	49.11 3.56 0.00	67.50 4.22 -12.35	150.05 3.70 -97.69	64.12 3.84 -13.99	52.63 3.03 -10.27	53.57 2.73 -12.98	38.41 2.24 0.00	38.08 2.29 -0.02
NYPA_VERNON____GT2 24162	32.51 1.43 0.00	30.96 1.22 0.00	29.97 1.21 0.00	29.75 1.17 0.00	30.32 1.22 0.00	31.21 1.11 0.00	37.46 1.75 0.00	40.82 2.56 0.00	41.39 2.92 -0.01	38.86 2.48 0.00	42.40 2.96 0.00	41.98 3.04 0.00	40.95 2.93 -0.01	40.87 2.82 0.00	42.51 3.02 -1.30	42.47 3.06 -0.63	49.15 3.60 0.00	56.90 4.18 -1.79	66.49 3.65 -14.17	52.12 3.80 -2.03	43.85 3.03 -1.49	42.43 2.69 -1.88	38.34 2.17 0.00	37.95 2.18 0.00
NYPA_VERNON____GT3 24163	32.51 1.43 0.00	30.96 1.22 0.00	29.97 1.21 0.00	29.75 1.17 0.00	30.32 1.22 0.00	31.21 1.11 0.00	37.46 1.75 0.00	40.82 2.56 0.00	41.39 2.92 -0.01	38.86 2.48 0.00	42.40 2.96 0.00	41.98 3.04 0.00	40.95 2.93 -0.01	40.87 2.82 0.00	42.51 3.02 -1.30	42.47 3.06 -0.63	49.15 3.60 0.00	56.90 4.18 -1.79	66.49 3.65 -14.17	52.12 3.80 -2.03	43.85 3.03 -1.49	42.43 2.69 -1.88	38.34 2.17 0.00	37.95 2.18 0.00
NYPA__ASTORIA_CC1 323568	32.48 1.40 0.00	30.93 1.19 0.00	29.94 1.18 0.00	29.69 1.11 0.00	30.29 1.19 0.00	31.15 1.05 0.00	37.39 1.68 0.00	40.74 2.49 0.00	41.31 2.85 0.00	38.74 2.36 0.00	42.31 2.88 0.00	41.90 2.96 0.00	40.90 2.89 0.00	40.80 2.74 0.00	41.14 2.94 0.00	41.76 2.99 0.00	49.06 3.51 0.00	55.00 4.08 0.00	52.22 3.55 0.00	50.00 3.71 0.00	42.28 2.95 0.00	40.51 2.65 0.00	38.30 2.13 0.00	37.91 2.15 0.00
NYPA__ASTORIA_CC2 323569	32.48 1.40 0.00	30.93 1.19 0.00	29.94 1.18 0.00	29.69 1.11 0.00	30.29 1.19 0.00	31.15 1.05 0.00	37.39 1.68 0.00	40.74 2.49 0.00	41.31 2.85 0.00	38.74 2.36 0.00	42.31 2.88 0.00	41.90 2.96 0.00	40.90 2.89 0.00	40.80 2.74 0.00	41.14 2.94 0.00	41.76 2.99 0.00	49.06 3.51 0.00	55.00 4.08 0.00	52.22 3.55 0.00	50.00 3.71 0.00	42.28 2.95 0.00	40.51 2.65 0.00	38.30 2.13 0.00	37.91 2.15 0.00
NYPA__HOLTSVILL 23794	41.47 2.30 -8.09	37.62 2.11 -5.77	33.92 2.07 -3.09	32.49 2.06 -1.86	33.33 2.10 -2.13	38.51 2.14 -6.27	47.92 2.82 -9.39	52.42 3.71 -10.46	51.80 3.92 -9.41	53.70 3.53 -13.79	67.25 4.06 -23.75	69.34 4.05 -26.35	63.93 3.92 -22.00	63.44 3.88 -21.50	60.47 4.01 -18.26	68.07 4.07 -25.23	71.67 4.92 -21.20	89.48 5.75 -32.80	88.97 5.21 -35.09	75.20 5.14 -23.77	67.99 4.17 -24.50	61.67 3.71 -20.10	54.77 3.07 -15.53	52.44 3.00 -13.67
NYPA__HELLGATE_GT1 24158	32.45 1.37 0.00	30.84 1.10 0.00	29.86 1.09 0.00	29.61 1.03 0.00	30.21 1.11 0.00	30.97 0.87 0.00	37.13 1.43 0.01	40.51 2.26 0.01	41.14 2.69 0.01	38.59 2.22 0.01	42.15 2.72 0.01	41.74 2.81 0.01	40.71 2.70 0.01	40.64 2.59 0.01	40.97 2.79 0.01	41.59 2.83 0.01	48.87 3.32 0.01	54.79 3.87 0.01	52.07 3.41 0.01	49.85 3.56 0.01	42.11 2.79 0.01	40.28 2.43 0.01	38.08 1.92 0.00	37.80 2.04 0.00
NYPA__HELLGATE_GT2 24159	32.45 1.37 0.00	30.84 1.10 0.00	29.86 1.09 0.00	29.61 1.03 0.00	30.21 1.11 0.00	30.97 0.87 0.00	37.13 1.43 0.01	40.51 2.26 0.01	41.14 2.69 0.01	38.59 2.22 0.01	42.15 2.72 0.01	41.74 2.81 0.01	40.71 2.70 0.01	40.64 2.59 0.01	40.97 2.79 0.01	41.59 2.83 0.01	48.87 3.32 0.01	54.79 3.87 0.01	52.07 3.41 0.01	49.85 3.56 0.01	42.11 2.79 0.01	40.28 2.43 0.01	38.08 1.92 0.00	37.80 2.04 0.00
NYS_BARGE__HYD 23848	28.90 -2.18 0.00	27.51 -2.23 0.00	26.23 -2.53 0.00	26.06 -2.52 0.00	27.00 -2.10 0.00	28.39 -1.71 0.00	32.96 -2.75 0.00	35.43 -2.83 0.00	34.81 -3.65 0.00	32.60 -3.78 0.00	35.93 -3.51 0.00	35.48 -3.47 0.00	34.25 -3.76 0.00	34.90 -3.16 0.00	34.95 -3.25 0.00	35.48 -3.30 0.00	40.90 -4.65 0.00	45.89 -5.04 0.00	43.85 -4.82 0.00	41.43 -4.86 0.00	35.79 -3.54 0.00	34.11 -3.75 0.00	32.37 -3.80 0.00	32.15 -3.61 0.00
OAK_ORCHARD__HYD 24046	29.78 -1.30 0.00	28.35 -1.40 0.00	27.21 -1.55 0.00	27.03 -1.54 0.00	27.82 -1.28 0.00	29.08 -1.02 0.00	34.14 -1.57 0.00	36.80 -1.45 0.00	36.54 -1.92 0.00	34.34 -2.04 0.00	37.62 -1.81 0.00	37.15 -1.79 0.00	36.00 -2.02 0.00	36.42 -1.64 0.00	36.51 -1.68 0.00	37.07 -1.71 0.00	43.09 -2.46 0.00	48.33 -2.60 0.00	46.19 -2.48 0.00	43.75 -2.55 0.00	37.44 -1.89 0.00	35.74 -2.12 0.00	33.96 -2.21 0.00	33.62 -2.15 0.00
OAKDALE__35_KV_LOAD 356122	31.11 0.03 0.00	29.74 0.00 0.00	28.65 -0.12 0.00	28.46 -0.11 0.00	29.04 -0.06 0.00	30.28 0.18 0.00	35.85 0.14 0.00	38.79 0.54 0.00	39.00 0.54 0.00	36.71 0.33 0.00	39.83 0.39 0.00	39.41 0.47 0.00	38.39 0.38 0.00	38.55 0.49 0.00	38.73 0.53 0.00	39.24 0.47 0.00	46.05 0.50 0.00	51.69 0.76 0.00	49.30 0.63 0.00	46.80 0.51 0.00	39.88 0.55 0.00	38.09 0.23 0.00	36.27 0.11 0.00	35.91 0.14 0.00
OCC_CHEM__DRP 24175	28.22 -2.86 0.00	26.89 -2.86 0.00	25.54 -3.22 0.00	25.35 -3.23 0.00	25.87 -3.23 0.00	27.69 -2.41 0.00	32.14 -3.57 0.00	34.36 -3.90 0.00	34.38 -4.08 0.00	31.98 -4.40 0.00	34.43 -5.01 0.00	34.35 -4.60 0.00	33.30 -4.71 0.00	33.98 -4.07 0.00	34.03 -4.16 0.00	34.35 -4.42 0.00	39.72 -5.83 0.00	44.56 -6.37 0.00	42.44 -6.23 0.00	40.09 -6.20 0.00	34.85 -4.48 0.00	32.94 -4.92 0.00	31.54 -4.63 0.00	31.33 -4.43 0.00

OH_GEN_PROXY 24063	28.69 -2.39 0.00	27.33 -2.41 0.00	26.06 -2.71 0.00	25.89 -2.69 0.00	26.83 -2.27 0.00	28.14 -1.96 0.00	32.75 -2.96 0.00	35.16 -3.10 0.00	34.50 -3.96 0.00	33.71 -4.04 -1.37	34.28 -3.79 1.37	35.17 -3.78 0.00	33.95 -4.07 0.00	34.59 -3.46 0.00	34.68 -3.51 0.00	35.17 -3.60 0.00	40.54 -5.01 0.00	45.43 -5.50 0.00	43.41 -5.26 0.00	41.03 -5.18 0.08	35.60 -3.81 -0.08	33.85 -4.01 0.00	32.15 -4.02 0.00	31.94 -3.83 0.00
OLIN_CORP_DRP 24177	28.47 -2.61 0.00	27.13 -2.62 0.00	25.77 -2.99 0.00	25.58 -3.00 0.00	26.10 -3.00 0.00	27.96 -2.14 0.00	32.39 -3.32 0.00	34.66 -3.60 0.00	34.69 -3.77 0.00	32.27 -4.11 0.00	34.74 -4.69 0.00	34.66 -4.28 0.00	33.60 -4.41 0.00	34.29 -3.77 0.00	34.34 -3.86 0.00	34.66 -4.11 0.00	40.09 -5.47 0.00	44.97 -5.96 0.00	42.88 -5.79 0.00	40.46 -5.83 0.00	35.16 -4.17 0.00	33.24 -4.62 0.00	31.83 -4.34 0.00	31.62 -4.15 0.00
OLIN_CORP_DSASP 323712	28.22 -2.86 0.00	26.89 -2.86 0.00	25.60 -3.16 0.00	25.43 -3.14 0.00	26.36 -2.74 0.00	27.69 -2.41 0.00	32.14 -3.57 0.00	34.51 -3.75 0.00	33.84 -4.62 0.00	31.72 -4.66 0.00	34.98 -4.46 0.00	34.50 -4.44 0.00	33.30 -4.72 0.00	33.98 -4.07 0.00	34.03 -4.16 0.00	34.51 -4.27 0.00	39.72 -5.83 0.00	44.51 -6.42 0.00	42.58 -6.09 0.00	40.28 -6.02 0.00	34.81 -4.52 0.00	33.17 -4.70 0.00	31.54 -4.63 0.00	31.33 -4.44 0.00
ONEIDA_HERK_LFGE 323681	31.58 0.50 0.00	30.19 0.45 0.00	29.20 0.43 0.00	29.03 0.46 0.00	29.56 0.46 0.00	30.67 0.57 0.00	36.32 0.61 0.00	39.02 0.76 0.00	39.11 0.65 0.00	37.04 0.66 0.00	40.27 0.83 0.00	39.88 0.93 0.00	38.89 0.88 0.00	38.93 0.88 0.00	39.07 0.88 0.00	39.70 0.93 0.00	46.69 1.14 0.00	52.41 1.48 0.00	50.13 1.46 0.00	47.64 1.34 0.00	40.39 1.06 0.00	38.77 0.91 0.00	37.00 0.83 0.00	36.52 0.75 0.00
ONEIDA___115KV_TB4 55905	31.83 0.75 0.00	30.43 0.68 0.00	29.40 0.63 0.00	29.24 0.66 0.00	29.77 0.67 0.00	30.97 0.87 0.00	36.75 1.04 0.00	39.60 1.34 0.00	39.77 1.31 0.00	37.51 1.13 0.00	40.70 1.26 0.00	40.23 1.29 0.00	39.23 1.22 0.00	39.31 1.26 0.00	39.49 1.30 0.00	40.13 1.36 0.00	47.15 1.59 0.00	52.86 1.94 0.00	50.52 1.85 0.00	47.96 1.67 0.00	40.75 1.42 0.00	38.96 1.10 0.00	37.14 0.98 0.00	36.70 0.93 0.00
ONONDAGA_REF_OCCRA 23987	30.71 -0.37 0.00	29.33 -0.42 0.00	28.30 -0.46 0.00	28.15 -0.43 0.00	28.69 -0.41 0.00	29.80 -0.30 0.00	35.32 -0.39 0.00	38.03 -0.23 0.00	38.27 -0.19 0.00	36.09 -0.29 0.00	39.16 -0.28 0.00	38.75 -0.19 0.00	37.75 -0.27 0.00	37.83 -0.23 0.00	38.00 -0.19 0.00	38.54 -0.23 0.00	45.28 -0.27 0.00	50.78 -0.15 0.00	48.43 -0.24 0.00	45.97 -0.32 0.00	39.13 -0.20 0.00	37.41 -0.45 0.00	35.62 -0.54 0.00	35.23 -0.54 0.00
ONONDAGA___COGEN 23986	30.68 -0.40 0.00	29.33 -0.42 0.00	28.30 -0.46 0.00	28.12 -0.46 0.00	28.66 -0.44 0.00	29.80 -0.30 0.00	35.32 -0.39 0.00	38.03 -0.23 0.00	38.27 -0.19 0.00	36.09 -0.29 0.00	39.16 -0.28 0.00	38.71 -0.23 0.00	37.75 -0.27 0.00	37.83 -0.23 0.00	38.00 -0.19 0.00	38.54 -0.23 0.00	45.23 -0.32 0.00	50.73 -0.20 0.00	48.38 -0.29 0.00	45.92 -0.37 0.00	39.09 -0.24 0.00	37.37 -0.49 0.00	35.62 -0.54 0.00	35.23 -0.54 0.00
ONTARIO___LFGE 23819	30.93 -0.15 0.00	29.50 -0.24 0.00	28.36 -0.40 0.00	28.21 -0.37 0.00	28.98 -0.12 0.00	30.28 0.18 0.00	35.75 0.04 0.00	38.49 0.23 0.00	38.35 -0.12 0.00	36.20 -0.18 0.00	39.48 0.04 0.00	38.91 -0.04 0.00	37.83 -0.19 0.00	38.06 0.00 0.00	38.27 0.08 0.00	38.77 0.00 0.00	45.46 -0.09 0.00	51.13 0.20 0.00	48.77 0.10 0.00	46.20 -0.09 0.00	39.45 0.12 0.00	37.79 -0.08 0.00	35.80 -0.36 0.00	35.44 -0.32 0.00
ORANGEVILLE_WT_PWR 323706	29.78 -1.30 0.00	28.38 -1.37 0.00	27.10 -1.67 0.00	26.92 -1.66 0.00	27.85 -1.25 0.00	29.20 -0.90 0.00	34.07 -1.64 0.00	36.61 -1.64 0.00	36.15 -2.31 0.00	33.94 -2.44 0.00	37.27 -2.17 0.00	36.80 -2.14 0.00	35.66 -2.36 0.00	36.19 -1.86 0.00	36.32 -1.87 0.00	36.83 -1.94 0.00	42.68 -2.87 0.00	47.97 -2.96 0.00	45.80 -2.87 0.00	43.38 -2.92 0.00	37.36 -1.97 0.00	35.63 -2.23 0.00	33.78 -2.39 0.00	33.55 -2.22 0.00
ORANGEVILLE___ESR 323794	29.78 -1.30 0.00	28.38 -1.37 0.00	27.10 -1.67 0.00	26.92 -1.66 0.00	27.85 -1.25 0.00	29.20 -0.90 0.00	34.07 -1.64 0.00	36.61 -1.64 0.00	36.15 -2.31 0.00	33.94 -2.44 0.00	37.27 -2.17 0.00	36.80 -2.14 0.00	35.66 -2.36 0.00	36.19 -1.86 0.00	36.32 -1.87 0.00	36.83 -1.94 0.00	42.68 -2.87 0.00	47.97 -2.96 0.00	45.80 -2.87 0.00	43.38 -2.92 0.00	37.36 -1.97 0.00	35.63 -2.23 0.00	33.78 -2.39 0.00	33.55 -2.22 0.00
OSWEGATCHIE___HYD 24044	30.74 -0.34 0.00	29.57 -0.18 0.00	28.59 -0.17 0.00	28.41 -0.17 0.00	28.90 -0.20 0.00	29.95 -0.15 0.00	35.10 -0.61 0.00	37.45 -0.81 0.00	37.61 -0.85 0.00	35.61 -0.77 0.00	38.45 -0.98 0.00	38.05 -0.89 0.00	37.10 -0.91 0.00	37.11 -0.95 0.00	37.20 -0.99 0.00	37.84 -0.93 0.00	44.55 -1.00 0.00	49.96 -0.97 0.00	47.89 -0.78 0.00	45.41 -0.88 0.00	38.54 -0.79 0.00	37.33 -0.53 0.00	35.95 -0.22 0.00	35.62 -0.14 0.00
OSWEGO___5 23606	30.12 -0.96 0.00	28.79 -0.95 0.00	27.79 -0.98 0.00	27.64 -0.94 0.00	28.20 -0.90 0.00	29.23 -0.87 0.00	34.60 -1.11 0.00	37.19 -1.07 0.00	37.31 -1.15 0.00	35.25 -1.13 0.00	38.33 -1.10 0.00	37.85 -1.09 0.00	36.87 -1.14 0.00	36.99 -1.07 0.00	37.12 -1.07 0.00	37.69 -1.09 0.00	44.23 -1.32 0.00	49.56 -1.37 0.00	47.31 -1.36 0.00	44.95 -1.34 0.00	38.23 -1.10 0.00	36.69 -1.17 0.00	34.97 -1.19 0.00	34.55 -1.22 0.00
OSWEGO___6 23613	30.12 -0.96 0.00	28.79 -0.95 0.00	27.79 -0.98 0.00	27.64 -0.94 0.00	28.20 -0.90 0.00	29.23 -0.87 0.00	34.60 -1.11 0.00	37.19 -1.07 0.00	37.31 -1.15 0.00	35.25 -1.13 0.00	38.33 -1.10 0.00	37.85 -1.09 0.00	36.87 -1.14 0.00	36.99 -1.07 0.00	37.12 -1.07 0.00	37.69 -1.09 0.00	44.23 -1.32 0.00	49.56 -1.37 0.00	47.31 -1.36 0.00	44.95 -1.34 0.00	38.23 -1.10 0.00	36.69 -1.17 0.00	34.97 -1.19 0.00	34.55 -1.22 0.00
OUTOKUMPU-AB___DRP 24206	29.03 -2.05 0.00	27.66 -2.08 0.00	26.29 -2.47 0.00	26.09 -2.49 0.00	26.63 -2.47 0.00	28.50 -1.60 0.00	33.14 -2.57 0.00	35.50 -2.75 0.00	35.58 -2.88 0.00	33.11 -3.27 0.00	35.65 -3.79 0.00	35.59 -3.35 0.00	34.52 -3.50 0.00	35.16 -2.89 0.00	35.21 -2.98 0.00	35.55 -3.22 0.00	41.09 -4.46 0.00	46.19 -4.74 0.00	44.00 -4.67 0.00	41.53 -4.77 0.00	36.07 -3.26 0.00	34.08 -3.79 0.00	32.59 -3.58 0.00	32.37 -3.40 0.00
OXBOW___BTM 323836	28.66 -2.42 0.00	27.27 -2.47 0.00	26.00 -2.76 0.00	25.83 -2.74 0.00	26.74 -2.36 0.00	28.11 -1.99 0.00	32.67 -3.04 0.00	35.08 -3.17 0.00	34.50 -3.96 0.00	32.31 -4.07 0.00	35.61 -3.82 0.00	35.17 -3.78 0.00	33.95 -4.07 0.00	34.59 -3.46 0.00	34.68 -3.51 0.00	35.13 -3.65 0.00	40.49 -5.06 0.00	45.43 -5.50 0.00	43.41 -5.26 0.00	41.02 -5.28 0.00	35.48 -3.85 0.00	33.77 -4.09 0.00	32.08 -4.09 0.00	31.87 -3.90 0.00

PPL_SHRM_GT3 24213	41.63 2.45 -8.09	37.83 2.32 -5.77	34.12 2.27 -3.09	32.69 2.26 -1.86	33.53 2.30 -2.13	38.72 2.35 -6.27	48.17 3.07 -9.39	52.58 3.86 -10.46	51.95 4.07 -9.41	54.02 3.85 -13.79	67.45 4.26 -23.75	69.50 4.21 -26.35	64.12 4.11 -22.00	63.63 4.07 -21.50	60.66 4.20 -18.26	68.19 4.19 -25.23	71.81 5.06 -21.20	89.79 6.06 -32.80	89.26 5.50 -35.09	75.43 5.37 -23.77	68.11 4.29 -24.50	61.90 3.94 -20.10	54.92 3.22 -15.53	52.69 3.25 -13.67
PPL_SHRM_GT4 24214	41.63 2.45 -8.09	37.83 2.32 -5.77	34.12 2.27 -3.09	32.69 2.26 -1.86	33.53 2.30 -2.13	38.72 2.35 -6.27	48.17 3.07 -9.39	52.58 3.86 -10.46	51.95 4.07 -9.41	54.02 3.85 -13.79	67.45 4.26 -23.75	69.50 4.21 -26.35	64.12 4.11 -22.00	63.63 4.07 -21.50	60.66 4.20 -18.26	68.19 4.19 -25.23	71.81 5.06 -21.20	89.79 6.06 -32.80	89.26 5.50 -35.09	75.43 5.37 -23.77	68.11 4.29 -24.50	61.90 3.94 -20.10	54.92 3.22 -15.53	52.69 3.25 -13.67
PROJECT___ORANGE 1 24174	30.52 -0.56 0.00	29.15 -0.59 0.00	28.13 -0.63 0.00	27.98 -0.60 0.00	28.52 -0.58 0.00	29.62 -0.48 0.00	35.03 -0.68 0.00	37.76 -0.50 0.00	38.00 -0.46 0.00	35.83 -0.55 0.00	38.88 -0.55 0.00	38.48 -0.47 0.00	37.48 -0.53 0.00	37.60 -0.46 0.00	37.74 -0.46 0.00	38.27 -0.50 0.00	44.91 -0.64 0.00	50.32 -0.61 0.00	48.04 -0.63 0.00	45.60 -0.69 0.00	38.78 -0.55 0.00	37.11 -0.76 0.00	35.37 -0.80 0.00	34.94 -0.82 0.00
PROJECT___ORANGE 2 24166	30.52 -0.56 0.00	29.15 -0.59 0.00	28.13 -0.63 0.00	27.98 -0.60 0.00	28.52 -0.58 0.00	29.62 -0.48 0.00	35.03 -0.68 0.00	37.76 -0.50 0.00	38.00 -0.46 0.00	35.83 -0.55 0.00	38.88 -0.55 0.00	38.48 -0.47 0.00	37.48 -0.53 0.00	37.60 -0.46 0.00	37.74 -0.46 0.00	38.27 -0.50 0.00	44.91 -0.64 0.00	50.32 -0.61 0.00	48.04 -0.63 0.00	45.60 -0.69 0.00	38.78 -0.55 0.00	37.11 -0.76 0.00	35.37 -0.80 0.00	34.94 -0.82 0.00
PUCKETT___SOLAR 323809	31.86 0.78 0.00	30.43 0.68 0.00	29.31 0.55 0.00	29.18 0.60 0.00	29.80 0.70 0.00	31.03 0.93 0.00	36.85 1.14 0.00	39.90 1.64 0.00	39.88 1.42 0.00	37.62 1.24 0.00	41.02 1.58 0.00	40.46 1.52 0.00	39.34 1.33 0.00	39.50 1.45 0.00	39.68 1.49 0.00	40.28 1.51 0.00	47.33 1.77 0.00	53.17 2.24 0.00	50.76 2.09 0.00	48.19 1.90 0.00	41.02 1.69 0.00	39.22 1.36 0.00	37.25 1.08 0.00	36.80 1.04 0.00
PYRITES___HYD 24023	31.67 0.59 0.00	30.55 0.80 0.00	29.54 0.78 0.00	29.35 0.77 0.00	29.86 0.76 0.00	30.79 0.69 0.00	36.32 0.61 0.00	38.60 0.34 0.00	38.69 0.23 0.00	36.85 0.47 0.00	39.79 0.35 0.00	39.10 0.16 0.00	38.20 0.19 0.00	38.13 0.08 0.00	38.16 -0.04 0.00	38.77 0.00 0.00	45.55 0.00 0.00	50.88 -0.05 0.00	48.91 0.24 0.00	46.39 0.09 0.00	39.41 0.08 0.00	38.51 0.64 0.00	37.11 0.94 0.00	36.80 1.04 0.00
QUAKERRD_115KV_BK1 80622	29.25 -1.83 0.00	27.87 -1.87 0.00	26.78 -1.98 0.00	26.58 -2.00 0.00	27.12 -1.98 0.00	28.53 -1.57 0.00	33.60 -2.11 0.00	36.15 -2.10 0.00	36.35 -2.12 0.00	34.09 -2.29 0.00	36.87 -2.56 0.00	36.61 -2.34 0.00	35.58 -2.43 0.00	35.92 -2.13 0.00	36.02 -2.18 0.00	36.48 -2.29 0.00	42.59 -2.96 0.00	47.77 -3.16 0.00	45.55 -3.11 0.00	43.15 -3.15 0.00	36.97 -2.36 0.00	35.17 -2.69 0.00	33.56 -2.60 0.00	33.19 -2.58 0.00
QUENSBRY_115KV_TB8 356137	32.70 1.62 0.00	31.26 1.52 0.00	30.26 1.50 0.00	30.06 1.49 0.00	30.61 1.51 0.00	31.75 1.66 0.00	36.96 1.25 0.00	39.79 1.53 0.00	40.11 1.65 0.00	37.69 1.31 0.00	41.09 1.66 0.00	40.62 1.67 0.00	39.50 1.48 0.00	39.54 1.48 0.00	39.76 1.57 0.00	40.44 1.67 0.00	47.56 2.00 0.00	53.42 2.50 0.00	51.15 2.48 0.00	48.52 2.22 0.00	41.18 1.85 0.00	39.19 1.33 0.00	37.18 1.01 0.00	36.70 0.93 0.00
RAMAPO___LBMP 323565	32.14 1.06 0.00	30.66 0.92 0.00	29.69 0.92 0.00	29.49 0.91 0.00	30.00 0.90 0.00	31.00 0.90 0.00	37.10 1.39 0.00	40.29 2.03 0.00	40.77 2.31 0.00	38.27 1.89 0.00	41.68 2.25 0.00	41.28 2.34 0.00	40.22 2.20 0.00	40.19 2.13 0.00	40.41 2.22 0.00	41.02 2.25 0.00	48.24 2.69 0.00	54.14 3.21 0.00	51.39 2.73 0.00	49.12 2.82 0.00	41.61 2.28 0.00	39.68 1.82 0.00	37.68 1.52 0.00	37.20 1.43 0.00
RANKINE____ 23646	29.59 -1.49 0.00	28.17 -1.58 0.00	26.78 -1.98 0.00	26.58 -2.00 0.00	27.15 -1.95 0.00	29.02 -1.08 0.00	33.78 -1.93 0.00	36.19 -2.07 0.00	36.23 -2.23 0.00	33.76 -2.62 0.00	36.40 -3.04 0.00	36.30 -2.65 0.00	35.20 -2.81 0.00	35.85 -2.21 0.00	35.90 -2.29 0.00	36.25 -2.52 0.00	41.91 -3.64 0.00	47.16 -3.77 0.00	44.92 -3.75 0.00	42.41 -3.89 0.00	36.77 -2.56 0.00	34.76 -3.10 0.00	33.20 -2.97 0.00	33.01 -2.75 0.00
RAVENSWOOD_GT2_1 24244	32.45 1.37 0.00	30.93 1.19 0.00	29.97 1.21 0.00	29.75 1.17 0.00	30.29 1.19 0.00	31.27 1.17 0.00	37.50 1.79 0.00	40.82 2.56 0.00	41.42 2.96 0.00	38.85 2.47 0.00	42.32 2.88 0.00	41.94 3.00 0.00	40.90 2.89 0.00	40.83 2.78 0.00	41.10 2.90 0.00	41.68 2.91 0.00	49.06 3.51 0.00	55.00 4.07 0.00	52.12 3.46 0.00	49.95 3.66 0.00	42.20 2.87 0.00	40.29 2.42 0.00	38.23 2.06 0.00	37.77 2.00 0.00
RAVENSWOOD_GT2_2 24245	32.45 1.37 0.00	30.93 1.19 0.00	29.97 1.21 0.00	29.75 1.17 0.00	30.29 1.19 0.00	31.27 1.17 0.00	37.50 1.79 0.00	40.82 2.56 0.00	41.42 2.96 0.00	38.85 2.47 0.00	42.32 2.88 0.00	41.94 3.00 0.00	40.90 2.89 0.00	40.83 2.78 0.00	41.10 2.90 0.00	41.68 2.91 0.00	49.06 3.51 0.00	55.00 4.07 0.00	52.12 3.46 0.00	49.95 3.66 0.00	42.20 2.87 0.00	40.29 2.42 0.00	38.23 2.06 0.00	37.77 2.00 0.00
RAVENSWOOD_GT2_3 24246	32.45 1.37 0.00	30.93 1.19 0.00	29.97 1.21 0.00	29.78 1.20 0.00	30.32 1.22 0.00	31.30 1.20 0.00	37.50 1.79 0.00	40.86 2.60 0.00	41.42 2.96 0.00	38.85 2.47 0.00	42.35 2.92 0.00	41.94 3.00 0.00	40.90 2.89 0.00	40.83 2.78 0.00	41.10 2.90 0.00	41.72 2.95 0.00	49.10 3.55 0.00	55.00 4.07 0.00	52.17 3.50 0.00	50.00 3.70 0.00	42.24 2.91 0.00	40.29 2.42 0.00	38.23 2.06 0.00	37.77 2.00 0.00
RAVENSWOOD_GT2_4 24247	32.45 1.37 0.00	30.93 1.19 0.00	29.97 1.21 0.00	29.78 1.20 0.00	30.32 1.22 0.00	31.30 1.20 0.00	37.50 1.79 0.00	40.86 2.60 0.00	41.42 2.96 0.00	38.85 2.47 0.00	42.35 2.92 0.00	41.94 3.00 0.00	40.90 2.89 0.00	40.83 2.78 0.00	41.10 2.90 0.00	41.72 2.95 0.00	49.10 3.55 0.00	55.00 4.07 0.00	52.17 3.50 0.00	50.00 3.70 0.00	42.24 2.91 0.00	40.29 2.42 0.00	38.23 2.06 0.00	37.77 2.00 0.00
RAVENSWOOD_GT3_1 24248	32.45 1.37 0.00	30.93 1.19 0.00	29.97 1.21 0.00	29.78 1.20 0.00	30.29 1.19 0.00	31.27 1.17 0.00	37.50 1.79 0.00	40.82 2.56 0.00	41.42 2.96 0.00	38.85 2.47 0.00	42.32 2.88 0.00	41.94 3.00 0.00	40.90 2.89 0.00	40.83 2.78 0.00	41.10 2.90 0.00	41.68 2.91 0.00	49.06 3.51 0.00	55.00 4.07 0.00	52.12 3.46 0.00	49.95 3.66 0.00	42.20 2.87 0.00	40.29 2.42 0.00	38.23 2.06 0.00	37.77 2.00 0.00

RAVENSWOOD_GT3_2 24249	32.45 1.37 0.00	30.93 1.19 0.00	29.97 1.21 0.00	29.78 1.20 0.00	30.29 1.19 0.00	31.27 1.17 0.00	37.50 1.79 0.00	40.82 2.56 0.00	41.42 2.96 0.00	38.85 2.47 0.00	42.32 2.88 0.00	41.94 3.00 0.00	40.90 2.89 0.00	40.83 2.78 0.00	41.10 2.90 0.00	41.68 2.91 0.00	49.06 3.51 0.00	55.00 4.07 0.00	52.12 3.46 0.00	49.95 3.66 0.00	42.20 2.87 0.00	40.29 2.42 0.00	38.23 2.06 0.00	37.77 2.00 0.00
RAVENSWOOD_GT3_3 24250	32.48 1.40 0.00	30.96 1.22 0.00	30.00 1.24 0.00	29.78 1.20 0.00	30.32 1.22 0.00	31.30 1.20 0.00	37.53 1.82 0.00	40.90 2.64 0.00	41.46 3.00 0.00	38.89 2.51 0.00	42.39 2.96 0.00	41.98 3.04 0.00	40.94 2.93 0.00	40.87 2.82 0.00	41.14 2.94 0.00	41.76 2.99 0.00	49.15 3.60 0.00	55.11 4.18 0.00	52.22 3.55 0.00	50.04 3.75 0.00	42.28 2.95 0.00	40.32 2.46 0.00	38.26 2.10 0.00	37.80 2.04 0.00
RAVENSWOOD_GT3_4 24251	32.48 1.40 0.00	30.96 1.22 0.00	30.00 1.24 0.00	29.78 1.20 0.00	30.32 1.22 0.00	31.30 1.20 0.00	37.53 1.82 0.00	40.90 2.64 0.00	41.46 3.00 0.00	38.89 2.51 0.00	42.39 2.96 0.00	41.98 3.04 0.00	40.94 2.93 0.00	40.87 2.82 0.00	41.14 2.94 0.00	41.76 2.99 0.00	49.15 3.60 0.00	55.11 4.18 0.00	52.22 3.55 0.00	50.04 3.75 0.00	42.28 2.95 0.00	40.32 2.46 0.00	38.26 2.10 0.00	37.80 2.04 0.00
RAVENSWOOD_GT_1 23729	32.51 1.43 0.00	30.96 1.22 0.00	30.00 1.24 0.00	29.81 1.23 0.00	30.35 1.25 0.00	31.27 1.17 0.00	37.46 1.75 0.00	40.86 2.60 0.00	41.51 3.04 -0.01	38.89 2.51 0.00	42.39 2.96 0.00	42.02 3.08 0.00	40.99 2.97 -0.01	40.91 2.85 0.00	42.51 3.02 -1.30	42.47 3.06 -0.63	49.15 3.60 0.00	56.95 4.23 -1.79	66.44 3.60 -14.17	52.12 3.80 -2.03	43.81 2.99 -1.49	42.28 2.54 -1.88	38.30 2.13 0.00	37.95 2.18 0.00
RAVENSWOOD_GT_10 24258	32.45 1.37 0.00	30.93 1.19 0.00	29.97 1.21 0.00	29.78 1.20 0.00	30.29 1.19 0.00	31.30 1.20 0.00	37.50 1.79 0.00	40.82 2.56 0.00	41.42 2.96 0.00	38.85 2.47 0.00	42.32 2.88 0.00	41.94 3.00 0.00	40.90 2.89 0.00	40.83 2.78 0.00	41.10 2.90 0.00	41.68 2.91 0.00	49.06 3.51 0.00	55.00 4.07 0.00	52.12 3.46 0.00	49.95 3.66 0.00	42.20 2.87 0.00	40.29 2.42 0.00	38.23 2.06 0.00	37.77 2.00 0.00
RAVENSWOOD_GT_11 24259	32.45 1.37 0.00	30.93 1.19 0.00	29.97 1.21 0.00	29.78 1.20 0.00	30.29 1.19 0.00	31.30 1.20 0.00	37.50 1.79 0.00	40.82 2.56 0.00	41.42 2.96 0.00	38.85 2.47 0.00	42.32 2.88 0.00	41.94 3.00 0.00	40.90 2.89 0.00	40.83 2.78 0.00	41.10 2.90 0.00	41.68 2.91 0.00	49.06 3.51 0.00	55.00 4.07 0.00	52.12 3.46 0.00	49.95 3.66 0.00	42.20 2.87 0.00	40.29 2.42 0.00	38.23 2.06 0.00	37.77 2.00 0.00
RAVENSWOOD_GT_4 24252	32.45 1.37 0.00	30.93 1.19 0.00	29.97 1.21 0.00	29.78 1.20 0.00	30.32 1.22 0.00	31.30 1.20 0.00	37.50 1.79 0.00	40.86 2.60 0.00	41.43 2.96 -0.01	38.85 2.47 0.00	42.32 2.88 0.00	41.94 3.00 0.00	40.87 2.85 -0.01	40.83 2.78 0.00	42.04 2.86 -0.99	42.16 2.91 -0.48	49.10 3.55 0.00	56.37 4.07 -1.36	62.91 3.46 -10.79	51.50 3.66 -1.54	43.34 2.87 -1.13	41.68 2.39 -1.43	38.23 2.06 0.00	37.74 1.97 0.00
RAVENSWOOD_GT_5 24254	32.45 1.37 0.00	30.93 1.19 0.00	29.97 1.21 0.00	29.78 1.20 0.00	30.32 1.22 0.00	31.30 1.20 0.00	37.50 1.79 0.00	40.86 2.60 0.00	41.43 2.96 -0.01	38.85 2.47 0.00	42.32 2.88 0.00	41.94 3.00 0.00	40.87 2.85 -0.01	40.83 2.78 0.00	42.04 2.86 -0.99	42.16 2.91 -0.48	49.10 3.55 0.00	56.37 4.07 -1.36	62.91 3.46 -10.79	51.50 3.66 -1.54	43.34 2.87 -1.13	41.68 2.39 -1.43	38.23 2.06 0.00	37.74 1.97 0.00
RAVENSWOOD_GT_6 24253	32.45 1.37 0.00	30.93 1.19 0.00	29.97 1.21 0.00	29.78 1.20 0.00	30.32 1.22 0.00	31.30 1.20 0.00	37.50 1.79 0.00	40.86 2.60 0.00	41.43 2.96 -0.01	38.85 2.47 0.00	42.32 2.88 0.00	41.94 3.00 0.00	40.87 2.85 -0.01	40.83 2.78 0.00	42.04 2.86 -0.99	42.16 2.91 -0.48	49.10 3.55 0.00	56.37 4.07 -1.36	62.91 3.46 -10.79	51.50 3.66 -1.54	43.34 2.87 -1.13	41.68 2.39 -1.43	38.23 2.06 0.00	37.74 1.97 0.00
RAVENSWOOD_GT_7 24255	32.45 1.37 0.00	30.93 1.19 0.00	29.97 1.21 0.00	29.78 1.20 0.00	30.32 1.22 0.00	31.30 1.20 0.00	37.50 1.79 0.00	40.86 2.60 0.00	41.43 2.96 -0.01	38.85 2.47 0.00	42.32 2.88 0.00	41.94 3.00 0.00	40.87 2.85 -0.01	40.83 2.78 0.00	42.04 2.86 -0.99	42.16 2.91 -0.48	49.10 3.55 0.00	56.37 4.07 -1.36	62.91 3.46 -10.79	51.50 3.66 -1.54	43.34 2.87 -1.13	41.68 2.39 -1.43	38.23 2.06 0.00	37.74 1.97 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.45 1.37 0.00	30.93 1.19 0.00	29.97 1.21 0.00	29.78 1.20 0.00	30.29 1.19 0.00	31.30 1.20 0.00	37.50 1.79 0.00	40.82 2.56 0.00	41.42 2.96 0.00	38.85 2.47 0.00	42.32 2.88 0.00	41.94 3.00 0.00	40.90 2.89 0.00	40.83 2.78 0.00	41.10 2.90 0.00	41.68 2.91 0.00	49.06 3.51 0.00	55.00 4.07 0.00	52.12 3.46 0.00	49.95 3.66 0.00	42.20 2.87 0.00	40.29 2.42 0.00	38.23 2.06 0.00	37.77 2.00 0.00
RAVENSWOOD_GT_9 24257	32.45 1.37 0.00	30.93 1.19 0.00	29.97 1.21 0.00	29.78 1.20 0.00	30.29 1.19 0.00	31.30 1.20 0.00	37.50 1.79 0.00	40.82 2.56 0.00	41.42 2.96 0.00	38.85 2.47 0.00	42.32 2.88 0.00	41.94 3.00 0.00	40.90 2.89 0.00	40.83 2.78 0.00	41.10 2.90 0.00	41.68 2.91 0.00	49.06 3.51 0.00	55.00 4.07 0.00	52.12 3.46 0.00	49.95 3.66 0.00	42.20 2.87 0.00	40.29 2.42 0.00	38.23 2.06 0.00	37.77 2.00 0.00
RAVENSWOOD___1 23533	32.51 1.43 0.00	30.96 1.22 0.00	29.94 1.18 0.00	29.72 1.14 0.00	30.29 1.19 0.00	31.21 1.11 0.00	37.46 1.75 0.00	40.82 2.56 0.00	41.38 2.92 0.00	38.82 2.44 0.00	42.40 2.96 0.00	41.98 3.04 0.00	40.94 2.93 0.00	40.83 2.78 0.00	41.18 2.98 0.00	41.80 3.03 0.00	49.15 3.60 0.00	55.11 4.18 0.00	52.27 3.60 0.00	50.09 3.80 0.00	42.32 2.99 0.00	40.51 2.65 0.00	38.34 2.17 0.00	37.91 2.15 0.00
RAVENSWOOD___2 23534	32.48 1.40 0.00	30.93 1.19 0.00	29.94 1.18 0.00	29.72 1.14 0.00	30.29 1.19 0.00	31.18 1.08 0.00	37.42 1.71 0.00	40.78 2.52 0.00	41.35 2.89 0.00	38.78 2.40 0.00	42.35 2.92 0.00	41.94 3.00 0.00	40.90 2.89 0.00	40.83 2.78 0.00	41.18 2.98 0.00	41.80 3.03 0.00	49.11 3.56 0.00	55.05 4.12 0.00	52.27 3.60 0.00	50.04 3.75 0.00	42.32 2.99 0.00	40.51 2.65 0.00	38.30 2.13 0.00	37.91 2.15 0.00
RAVENSWOOD___3 23535	32.45 1.37 0.00	30.93 1.19 0.00	29.94 1.18 0.00	29.72 1.14 0.00	30.29 1.19 0.00	31.24 1.14 0.00	37.49 1.78 0.00	40.82 2.56 0.00	41.31 2.85 0.00	38.78 2.40 0.00	42.31 2.88 0.00	41.94 3.00 0.00	40.87 2.85 0.00	40.80 2.74 0.00	41.06 2.87 0.00	41.68 2.91 0.00	49.11 3.56 0.00	54.95 4.02 0.00	52.18 3.51 0.00	50.00 3.71 0.00	42.24 2.91 0.00	40.40 2.54 0.00	38.26 2.10 0.00	37.77 2.00 0.00

RAVENSWOOD___4 23820	32.48 1.40 0.00	30.93 1.19 0.00	29.94 1.18 0.00	29.69 1.11 0.00	30.29 1.19 0.00	31.18 1.08 0.00	37.42 1.71 0.00	40.78 2.52 0.00	41.34 2.89 0.01	38.78 2.40 0.00	42.35 2.92 0.00	41.94 3.00 0.00	40.89 2.89 0.01	40.80 2.74 0.00	39.90 2.98 1.28	41.17 3.03 0.62	49.11 3.56 0.00	53.29 4.12 1.76	38.32 3.60 13.95	48.05 3.75 2.00	40.85 2.99 1.47	38.66 2.65 1.85	38.30 2.13 0.00	37.87 2.11 0.00
RCPI_TRUST___DRP 24196	32.48 1.40 0.00	30.93 1.19 0.00	29.97 1.21 0.00	29.78 1.20 0.00	30.32 1.22 0.00	31.30 1.20 0.00	37.53 1.82 0.00	40.86 2.60 0.00	41.42 2.96 0.00	38.89 2.51 0.00	42.35 2.92 0.00	41.94 3.00 0.00	40.90 2.89 0.00	40.87 2.82 0.00	41.06 2.86 0.00	41.68 2.91 0.00	49.10 3.55 0.00	55.00 4.07 0.00	52.12 3.46 0.00	49.95 3.66 0.00	42.20 2.87 0.00	40.25 2.39 0.00	38.23 2.06 0.00	37.77 2.00 0.00
RED___ROCHESTER 323720	29.93 -1.15 0.00	28.49 -1.25 0.00	27.33 -1.44 0.00	27.15 -1.43 0.00	27.96 -1.14 0.00	29.26 -0.84 0.00	34.32 -1.39 0.00	37.03 -1.23 0.00	36.81 -1.65 0.00	34.60 -1.78 0.00	37.90 -1.54 0.00	37.42 -1.52 0.00	36.27 -1.75 0.00	36.69 -1.37 0.00	36.78 -1.41 0.00	37.34 -1.43 0.00	43.37 -2.19 0.00	48.69 -2.24 0.00	46.53 -2.14 0.00	44.07 -2.22 0.00	37.72 -1.61 0.00	36.01 -1.85 0.00	34.18 -1.99 0.00	33.83 -1.93 0.00
REGAN___SOLAR 323812	34.47 3.39 0.00	33.01 3.27 0.00	31.90 3.14 0.00	31.64 3.06 0.00	32.15 3.05 0.00	33.62 3.52 0.00	40.14 4.43 0.00	43.08 4.82 0.00	43.07 4.61 0.00	40.31 3.93 0.00	43.89 4.45 0.00	43.34 4.40 0.00	42.16 4.14 0.00	42.28 4.22 0.00	42.62 4.43 0.00	43.58 4.81 0.00	51.47 5.92 0.00	58.06 7.13 0.00	55.68 7.01 0.00	52.73 6.43 0.00	44.91 5.58 0.00	42.60 4.73 0.00	40.25 4.09 0.00	39.67 3.90 0.00
RENSSELAER___COGEN 23796	31.80 0.72 0.00	30.43 0.68 0.00	29.51 0.75 0.00	29.32 0.74 0.00	29.80 0.70 0.00	30.55 0.45 0.00	36.28 0.57 0.00	38.95 0.69 0.00	39.27 0.81 0.00	36.96 0.58 0.00	40.34 0.91 0.00	39.92 0.97 0.00	38.93 0.91 0.00	38.93 0.88 0.00	39.15 0.96 0.00	39.78 1.01 0.00	46.78 1.23 0.00	52.20 1.27 0.00	49.84 1.17 0.00	47.45 1.16 0.00	40.27 0.94 0.00	38.66 0.80 0.00	36.67 0.51 0.00	36.30 0.54 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.63 2.55 0.00	32.12 2.38 0.00	31.09 2.33 0.00	30.89 2.31 0.00	31.46 2.36 0.00	32.75 2.65 0.00	38.32 2.61 0.00	41.24 2.98 0.00	41.61 3.15 0.00	39.00 2.62 0.00	42.55 3.12 0.00	42.06 3.12 0.00	40.75 2.74 0.00	40.83 2.78 0.00	41.14 2.94 0.00	41.80 3.02 0.00	49.24 3.69 0.00	55.41 4.48 0.00	53.24 4.57 0.00	50.37 4.07 0.00	42.75 3.42 0.00	40.48 2.61 0.00	38.34 2.17 0.00	37.80 2.04 0.00
REVERE_CPPR_DRP 24186	32.04 0.96 0.00	30.64 0.89 0.00	29.60 0.83 0.00	29.44 0.86 0.00	29.97 0.87 0.00	31.18 1.08 0.00	37.00 1.29 0.00	39.86 1.61 0.00	40.00 1.54 0.00	37.76 1.38 0.00	40.97 1.54 0.00	40.54 1.60 0.00	39.57 1.56 0.00	39.62 1.56 0.00	39.80 1.60 0.00	40.44 1.67 0.00	47.56 2.00 0.00	53.37 2.44 0.00	51.05 2.38 0.00	48.42 2.13 0.00	41.10 1.77 0.00	39.34 1.48 0.00	37.54 1.37 0.00	37.05 1.29 0.00
REYNOLDS_115KV_TB3 80639	31.98 0.90 0.00	30.61 0.86 0.00	29.66 0.89 0.00	29.49 0.91 0.00	30.00 0.90 0.00	30.79 0.69 0.00	36.60 0.89 0.00	39.41 1.15 0.00	39.77 1.31 0.00	37.40 1.02 0.00	40.82 1.38 0.00	40.39 1.44 0.00	39.38 1.37 0.00	39.39 1.33 0.00	39.61 1.41 0.00	40.25 1.47 0.00	47.28 1.73 0.00	52.81 1.88 0.00	50.37 1.70 0.00	47.96 1.67 0.00	40.67 1.34 0.00	39.00 1.14 0.00	37.07 0.90 0.00	36.62 0.86 0.00
RIVERBAY____ 323610	32.91 1.83 0.00	31.32 1.58 0.00	30.35 1.58 0.00	30.18 1.60 0.00	30.70 1.60 0.00	31.48 1.38 0.00	37.71 2.00 0.00	41.09 2.83 0.00	41.73 3.27 0.00	39.04 2.66 0.00	42.55 3.12 0.00	42.14 3.19 0.00	41.13 3.12 0.00	41.06 3.01 0.00	41.44 3.25 0.00	42.03 3.26 0.00	49.38 3.83 0.00	55.41 4.48 0.00	52.51 3.84 0.00	50.32 4.03 0.00	42.48 3.15 0.00	40.59 2.73 0.00	38.52 2.35 0.00	38.34 2.58 0.00
RIVERSDE_115KV_TB3 55908	31.89 0.81 0.00	30.55 0.80 0.00	29.63 0.86 0.00	29.44 0.86 0.00	29.94 0.84 0.00	30.70 0.60 0.00	36.46 0.75 0.00	39.25 0.99 0.00	39.61 1.15 0.00	37.25 0.87 0.00	40.66 1.22 0.00	40.23 1.29 0.00	39.23 1.22 0.00	39.24 1.18 0.00	39.45 1.26 0.00	40.09 1.32 0.00	47.10 1.55 0.00	52.66 1.73 0.00	50.18 1.51 0.00	47.78 1.48 0.00	40.55 1.22 0.00	38.85 0.98 0.00	36.93 0.76 0.00	36.48 0.72 0.00
ROARING___BROOK_WT_PWR 323790	30.83 -0.25 0.00	29.54 -0.21 0.00	28.57 -0.20 0.00	28.38 -0.20 0.00	28.90 -0.20 0.00	29.92 -0.18 0.00	35.42 -0.29 0.00	37.84 -0.42 0.00	38.11 -0.35 0.00	36.16 -0.22 0.00	39.08 -0.36 0.00	38.63 -0.31 0.00	37.79 -0.23 0.00	37.83 -0.23 0.00	37.93 -0.27 0.00	38.50 -0.27 0.00	45.28 -0.27 0.00	50.58 -0.35 0.00	48.38 -0.29 0.00	46.02 -0.28 0.00	39.10 -0.23 0.00	37.75 -0.11 0.00	36.20 0.04 0.00	35.84 0.07 0.00
ROCHESRG_115KV_T4 355643	29.65 -1.43 0.00	28.23 -1.52 0.00	27.04 -1.73 0.00	26.86 -1.71 0.00	27.41 -1.69 0.00	28.96 -1.14 0.00	33.96 -1.75 0.00	36.54 -1.72 0.00	36.69 -1.77 0.00	34.34 -2.04 0.00	37.11 -2.33 0.00	36.88 -2.06 0.00	35.81 -2.20 0.00	36.23 -1.83 0.00	36.32 -1.87 0.00	36.79 -1.98 0.00	42.82 -2.73 0.00	48.08 -2.85 0.00	45.85 -2.82 0.00	43.42 -2.87 0.00	37.28 -2.05 0.00	35.44 -2.42 0.00	33.82 -2.35 0.00	33.48 -2.29 0.00
ROCHESTER_9_IC 23652	29.81 -1.27 0.00	28.37 -1.37 0.00	27.18 -1.58 0.00	26.98 -1.60 0.00	27.56 -1.54 0.00	29.11 -0.99 0.00	34.17 -1.54 0.00	36.77 -1.49 0.00	36.96 -1.50 0.00	34.56 -1.82 0.00	37.35 -2.09 0.00	37.11 -1.83 0.00	36.04 -1.98 0.00	36.50 -1.56 0.00	36.59 -1.60 0.00	37.03 -1.74 0.00	43.14 -2.41 0.00	48.43 -2.50 0.00	46.19 -2.48 0.00	43.70 -2.59 0.00	37.52 -1.81 0.00	35.63 -2.23 0.00	34.00 -2.17 0.00	33.66 -2.11 0.00
ROCKVIEW_13_KV_LD 356306	32.45 1.37 0.00	30.93 1.19 0.00	29.94 1.18 0.00	29.75 1.17 0.00	30.29 1.19 0.00	31.27 1.17 0.00	37.46 1.75 0.00	40.78 2.53 0.00	41.35 2.88 0.00	38.78 2.40 0.00	42.24 2.80 0.00	41.86 2.92 0.00	40.79 2.78 0.00	40.76 2.70 0.00	40.98 2.79 0.00	41.64 2.87 0.00	49.01 3.46 0.00	54.95 4.02 0.00	52.17 3.50 0.00	49.91 3.61 0.00	42.16 2.83 0.00	40.17 2.31 0.00	38.16 1.99 0.00	37.66 1.90 0.00
ROME_____115KV_TB2 80656	32.04 0.96 0.00	30.64 0.89 0.00	29.60 0.83 0.00	29.44 0.86 0.00	29.97 0.87 0.00	31.18 1.08 0.00	37.00 1.29 0.00	39.86 1.61 0.00	40.00 1.54 0.00	37.76 1.38 0.00	40.97 1.54 0.00	40.54 1.60 0.00	39.57 1.56 0.00	39.62 1.56 0.00	39.80 1.60 0.00	40.44 1.67 0.00	47.56 2.00 0.00	53.37 2.44 0.00	51.05 2.38 0.00	48.42 2.13 0.00	41.10 1.77 0.00	39.34 1.48 0.00	37.54 1.37 0.00	37.05 1.29 0.00

ROSETON___1 23587	32.17 1.09 0.00	30.72 0.98 0.00	29.74 0.98 0.00	29.55 0.97 0.00	30.03 0.93 0.00	31.00 0.90 0.00	37.07 1.36 0.00	40.21 1.95 0.00	40.57 2.11 0.00	38.16 1.78 0.00	41.60 2.17 0.00	41.20 2.26 0.00	40.14 2.13 0.00	40.11 2.05 0.00	40.33 2.14 0.00	40.98 2.21 0.00	48.19 2.64 0.00	53.98 3.06 0.00	51.34 2.68 0.00	49.03 2.73 0.00	41.57 2.24 0.00	39.76 1.89 0.00	37.68 1.52 0.00	37.20 1.43 0.00
ROSETON___2 23588	32.17 1.09 0.00	30.72 0.98 0.00	29.74 0.98 0.00	29.55 0.97 0.00	30.03 0.93 0.00	31.00 0.90 0.00	37.07 1.36 0.00	40.21 1.95 0.00	40.57 2.11 0.00	38.16 1.78 0.00	41.60 2.17 0.00	41.20 2.26 0.00	40.14 2.13 0.00	40.11 2.05 0.00	40.33 2.14 0.00	40.98 2.21 0.00	48.19 2.64 0.00	53.98 3.06 0.00	51.34 2.68 0.00	49.03 2.73 0.00	41.57 2.24 0.00	39.76 1.89 0.00	37.68 1.52 0.00	37.20 1.43 0.00
ROTTTRDAM_115KV_TB3 80664	31.98 0.90 0.00	30.61 0.86 0.00	29.63 0.86 0.00	29.44 0.86 0.00	29.97 0.87 0.00	30.94 0.84 0.00	36.75 1.04 0.00	39.56 1.30 0.00	39.85 1.38 0.00	37.51 1.13 0.00	40.82 1.38 0.00	40.39 1.44 0.00	39.34 1.33 0.00	39.39 1.33 0.00	39.57 1.37 0.00	40.21 1.43 0.00	47.28 1.73 0.00	52.97 2.04 0.00	50.52 1.85 0.00	48.10 1.81 0.00	40.82 1.49 0.00	39.04 1.17 0.00	37.18 1.01 0.00	36.73 0.97 0.00
RUSSELL___1 23602	29.93 -1.15 0.00	28.49 -1.25 0.00	27.30 -1.47 0.00	27.09 -1.49 0.00	27.64 -1.45 0.00	29.26 -0.84 0.00	34.32 -1.39 0.00	36.96 -1.30 0.00	37.15 -1.31 0.00	34.78 -1.60 0.00	37.58 -1.85 0.00	37.35 -1.60 0.00	36.27 -1.75 0.00	36.69 -1.37 0.00	36.78 -1.41 0.00	37.26 -1.51 0.00	43.37 -2.19 0.00	48.74 -2.19 0.00	46.48 -2.19 0.00	43.98 -2.31 0.00	37.76 -1.57 0.00	35.86 -2.01 0.00	34.18 -1.99 0.00	33.83 -1.93 0.00
RUSSELL___2 23532	29.93 -1.15 0.00	28.49 -1.25 0.00	27.30 -1.47 0.00	27.09 -1.49 0.00	27.64 -1.45 0.00	29.26 -0.84 0.00	34.32 -1.39 0.00	36.96 -1.30 0.00	37.15 -1.31 0.00	34.78 -1.60 0.00	37.58 -1.85 0.00	37.35 -1.60 0.00	36.27 -1.75 0.00	36.69 -1.37 0.00	36.78 -1.41 0.00	37.26 -1.51 0.00	43.37 -2.19 0.00	48.74 -2.19 0.00	46.48 -2.19 0.00	43.98 -2.31 0.00	37.76 -1.57 0.00	35.86 -2.01 0.00	34.18 -1.99 0.00	33.83 -1.93 0.00
RUSSELL___3 23549	29.93 -1.15 0.00	28.49 -1.25 0.00	27.30 -1.47 0.00	27.09 -1.49 0.00	27.64 -1.45 0.00	29.26 -0.84 0.00	34.32 -1.39 0.00	36.96 -1.30 0.00	37.15 -1.31 0.00	34.78 -1.60 0.00	37.58 -1.85 0.00	37.35 -1.60 0.00	36.27 -1.75 0.00	36.69 -1.37 0.00	36.78 -1.41 0.00	37.26 -1.51 0.00	43.37 -2.19 0.00	48.74 -2.19 0.00	46.48 -2.19 0.00	43.98 -2.31 0.00	37.76 -1.57 0.00	35.86 -2.01 0.00	34.18 -1.99 0.00	33.83 -1.93 0.00
RUSSELL___4 23556	29.93 -1.15 0.00	28.49 -1.25 0.00	27.30 -1.47 0.00	27.09 -1.49 0.00	27.64 -1.45 0.00	29.26 -0.84 0.00	34.32 -1.39 0.00	36.96 -1.30 0.00	37.15 -1.31 0.00	34.78 -1.60 0.00	37.58 -1.85 0.00	37.35 -1.60 0.00	36.27 -1.75 0.00	36.69 -1.37 0.00	36.78 -1.41 0.00	37.26 -1.51 0.00	43.37 -2.19 0.00	48.74 -2.19 0.00	46.48 -2.19 0.00	43.98 -2.31 0.00	37.76 -1.57 0.00	35.86 -2.01 0.00	34.18 -1.99 0.00	33.83 -1.93 0.00
RUSSELL___STATION 23914	29.93 -1.15 0.00	28.49 -1.25 0.00	27.30 -1.47 0.00	27.09 -1.49 0.00	27.64 -1.45 0.00	29.26 -0.84 0.00	34.32 -1.39 0.00	36.96 -1.30 0.00	37.15 -1.31 0.00	34.78 -1.60 0.00	37.58 -1.85 0.00	37.35 -1.60 0.00	36.27 -1.75 0.00	36.69 -1.37 0.00	36.78 -1.41 0.00	37.26 -1.51 0.00	43.37 -2.19 0.00	48.74 -2.19 0.00	46.48 -2.19 0.00	43.98 -2.31 0.00	37.76 -1.57 0.00	35.86 -2.01 0.00	34.18 -1.99 0.00	33.83 -1.93 0.00
S SALMON___HYD 24043	30.27 -0.81 0.00	28.94 -0.80 0.00	27.93 -0.84 0.00	27.78 -0.80 0.00	28.29 -0.81 0.00	29.35 -0.75 0.00	34.75 -0.96 0.00	37.26 -0.99 0.00	37.34 -1.12 0.00	35.29 -1.09 0.00	38.45 -0.98 0.00	38.05 -0.89 0.00	37.07 -0.95 0.00	37.07 -0.99 0.00	37.20 -0.99 0.00	37.80 -0.97 0.00	44.46 -1.09 0.00	49.91 -1.02 0.00	47.70 -0.97 0.00	45.28 -1.02 0.00	38.46 -0.87 0.00	36.92 -0.95 0.00	35.26 -0.90 0.00	34.84 -0.93 0.00
S.PERRY___115KV_TB1 80734	31.08 0.00 0.00	29.56 -0.18 0.00	28.25 -0.52 0.00	28.06 -0.51 0.00	28.69 -0.41 0.00	30.49 0.39 0.00	34.64 -1.07 0.00	37.38 -0.88 0.00	37.38 -1.08 0.00	34.82 -1.56 0.00	37.62 -1.81 0.00	37.31 -1.64 0.00	36.23 -1.79 0.00	36.69 -1.37 0.00	36.90 -1.30 0.00	37.45 -1.32 0.00	43.91 -1.64 0.00	49.50 -1.43 0.00	47.26 -1.41 0.00	44.67 -1.62 0.00	38.39 -0.94 0.00	36.35 -1.51 0.00	34.57 -1.59 0.00	34.23 -1.54 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.12 -1.96 0.00	27.75 -1.99 0.00	26.38 -2.39 0.00	26.18 -2.40 0.00	26.71 -2.39 0.00	28.56 -1.54 0.00	33.25 -2.46 0.00	35.58 -2.68 0.00	35.61 -2.85 0.00	33.14 -3.24 0.00	35.73 -3.71 0.00	35.63 -3.31 0.00	34.55 -3.46 0.00	35.20 -2.85 0.00	35.29 -2.90 0.00	35.63 -3.14 0.00	41.18 -4.37 0.00	46.29 -4.63 0.00	44.09 -4.57 0.00	41.62 -4.68 0.00	36.11 -3.23 0.00	34.15 -3.71 0.00	32.66 -3.51 0.00	32.44 -3.33 0.00
SAWYER___23_KV_LOAD 55526	29.12 -1.96 0.00	27.75 -1.99 0.00	26.38 -2.39 0.00	26.18 -2.40 0.00	26.71 -2.39 0.00	28.56 -1.54 0.00	33.25 -2.46 0.00	35.58 -2.68 0.00	35.61 -2.85 0.00	33.14 -3.24 0.00	35.73 -3.71 0.00	35.63 -3.31 0.00	34.55 -3.46 0.00	35.20 -2.85 0.00	35.29 -2.90 0.00	35.63 -3.14 0.00	41.18 -4.37 0.00	46.29 -4.63 0.00	44.09 -4.57 0.00	41.62 -4.68 0.00	36.11 -3.23 0.00	34.15 -3.71 0.00	32.66 -3.51 0.00	32.44 -3.33 0.00
SELKIRK___I 23801	31.98 0.90 0.00	30.63 0.89 0.00	29.69 0.92 0.00	29.49 0.91 0.00	29.97 0.87 0.00	30.82 0.72 0.00	36.60 0.89 0.00	39.29 1.03 0.00	39.54 1.08 0.00	37.25 0.87 0.00	40.62 1.18 0.00	40.19 1.25 0.00	39.15 1.14 0.00	39.20 1.14 0.00	39.38 1.19 0.00	40.01 1.24 0.00	47.05 1.50 0.00	52.56 1.63 0.00	50.18 1.51 0.00	47.73 1.44 0.00	40.55 1.22 0.00	38.92 1.06 0.00	37.00 0.83 0.00	36.62 0.86 0.00
SELKIRK___II 23799	31.83 0.74 0.00	30.46 0.71 0.00	29.51 0.75 0.00	29.32 0.74 0.00	29.80 0.70 0.00	30.61 0.51 0.00	36.42 0.71 0.00	39.14 0.88 0.00	39.42 0.96 0.00	37.11 0.73 0.00	40.50 1.07 0.00	40.03 1.09 0.00	39.04 1.03 0.00	39.04 0.99 0.00	39.26 1.07 0.00	39.90 1.13 0.00	46.92 1.37 0.00	52.41 1.48 0.00	49.98 1.31 0.00	47.59 1.29 0.00	40.39 1.06 0.00	38.77 0.91 0.00	36.85 0.69 0.00	36.44 0.68 0.00
SENECA OSWGO___HYD 24041	30.18 -0.90 0.00	28.85 -0.89 0.00	27.84 -0.92 0.00	27.69 -0.89 0.00	28.25 -0.84 0.00	29.29 -0.81 0.00	34.75 -0.96 0.00	37.34 -0.92 0.00	37.46 -1.00 0.00	35.36 -1.02 0.00	38.53 -0.91 0.00	38.09 -0.86 0.00	37.07 -0.95 0.00	37.18 -0.87 0.00	37.35 -0.84 0.00	37.88 -0.89 0.00	44.51 -1.05 0.00	49.86 -1.07 0.00	47.60 -1.07 0.00	45.18 -1.11 0.00	38.43 -0.90 0.00	36.84 -1.02 0.00	35.12 -1.05 0.00	34.69 -1.07 0.00

SENECA___115KV_TB3 355854	29.62 -1.46 0.00	28.23 -1.52 0.00	26.81 -1.96 0.00	26.63 -1.94 0.00	27.21 -1.89 0.00	29.08 -1.02 0.00	33.85 -1.86 0.00	36.27 -1.99 0.00	36.31 -2.15 0.00	33.80 -2.58 0.00	36.48 -2.96 0.00	36.37 -2.57 0.00	35.28 -2.74 0.00	35.89 -2.17 0.00	35.98 -2.22 0.00	36.33 -2.44 0.00	42.00 -3.55 0.00	47.26 -3.67 0.00	44.97 -3.70 0.00	42.45 -3.84 0.00	36.85 -2.48 0.00	34.83 -3.03 0.00	33.27 -2.89 0.00	33.05 -2.72 0.00
SENECA___ENERGY 23797	30.55 -0.53 0.00	29.15 -0.59 0.00	28.07 -0.69 0.00	27.92 -0.66 0.00	28.63 -0.47 0.00	29.83 -0.27 0.00	35.28 -0.43 0.00	38.03 -0.23 0.00	38.00 -0.46 0.00	35.87 -0.51 0.00	39.08 -0.36 0.00	38.52 -0.43 0.00	37.48 -0.53 0.00	37.64 -0.42 0.00	37.81 -0.38 0.00	38.35 -0.43 0.00	45.01 -0.54 0.00	50.52 -0.41 0.00	48.23 -0.44 0.00	45.74 -0.55 0.00	38.98 -0.35 0.00	37.30 -0.57 0.00	35.40 -0.76 0.00	35.01 -0.75 0.00
SHOEMAKER___GT 23640	32.01 0.93 0.00	30.57 0.83 0.00	29.57 0.80 0.00	29.38 0.80 0.00	29.86 0.76 0.00	30.82 0.72 0.00	36.85 1.14 0.00	39.86 1.61 0.00	40.19 1.73 0.00	37.80 1.42 0.00	41.17 1.73 0.00	40.77 1.83 0.00	39.73 1.71 0.00	39.73 1.67 0.00	39.95 1.76 0.00	40.60 1.82 0.00	47.74 2.19 0.00	53.47 2.55 0.00	50.91 2.24 0.00	48.56 2.27 0.00	41.22 1.89 0.00	39.42 1.55 0.00	37.40 1.23 0.00	36.94 1.18 0.00
SHOEMAKR_138KV_BK 111 55601	32.01 0.93 0.00	30.55 0.80 0.00	29.57 0.81 0.00	29.38 0.80 0.00	29.89 0.79 0.00	30.85 0.75 0.00	36.85 1.14 0.00	39.86 1.61 0.00	40.31 1.85 0.00	37.87 1.49 0.00	41.21 1.77 0.00	40.81 1.87 0.00	39.80 1.79 0.00	39.77 1.71 0.00	39.99 1.80 0.00	40.59 1.82 0.00	47.74 2.19 0.00	53.53 2.60 0.00	50.91 2.24 0.00	48.61 2.31 0.00	41.18 1.85 0.00	39.34 1.48 0.00	37.40 1.23 0.00	36.95 1.18 0.00
SHOREHAM_IC_1 23715	41.63 2.45 -8.09	37.83 2.32 -5.77	34.12 2.27 -3.09	32.69 2.26 -1.86	33.53 2.30 -2.13	38.72 2.35 -6.27	48.17 3.07 -9.39	52.58 3.86 -10.46	51.95 4.07 -9.41	54.02 3.85 -13.79	67.45 4.26 -23.75	69.50 4.21 -26.35	64.12 4.11 -22.00	63.63 4.07 -21.50	60.66 4.20 -18.26	68.19 4.19 -25.23	71.81 5.06 -21.20	89.79 6.06 -32.80	89.26 5.50 -35.09	75.43 5.37 -23.77	68.11 4.29 -24.50	61.90 3.94 -20.10	54.92 3.22 -15.53	52.69 3.25 -13.67
SHOREHAM_IC_2 23716	41.63 2.45 -8.09	37.83 2.32 -5.77	34.12 2.27 -3.09	32.69 2.26 -1.86	33.53 2.30 -2.13	38.72 2.35 -6.27	48.17 3.07 -9.39	52.58 3.86 -10.46	51.95 4.07 -9.41	54.02 3.85 -13.79	67.45 4.26 -23.75	69.50 4.21 -26.35	64.12 4.11 -22.00	63.63 4.07 -21.50	60.66 4.20 -18.26	68.19 4.19 -25.23	71.81 5.06 -21.20	89.79 6.06 -32.80	89.26 5.50 -35.09	75.43 5.37 -23.77	68.11 4.29 -24.50	61.90 3.94 -20.10	54.92 3.22 -15.53	52.69 3.25 -13.67
SISSONVILLE____ 23735	31.21 0.12 0.00	30.13 0.39 0.00	29.11 0.35 0.00	28.92 0.34 0.00	29.42 0.32 0.00	30.28 0.18 0.00	35.53 -0.18 0.00	37.68 -0.57 0.00	37.77 -0.69 0.00	35.87 -0.51 0.00	38.77 -0.67 0.00	38.13 -0.82 0.00	37.14 -0.87 0.00	37.10 -0.95 0.00	37.16 -1.03 0.00	37.80 -0.97 0.00	44.46 -1.09 0.00	49.66 -1.27 0.00	47.70 -0.97 0.00	45.23 -1.06 0.00	38.43 -0.90 0.00	37.67 -0.19 0.00	36.38 0.22 0.00	36.16 0.39 0.00
SITHE_IND_GS1 24169	29.84 -1.24 0.00	28.52 -1.22 0.00	27.56 -1.21 0.00	27.38 -1.20 0.00	27.93 -1.16 0.00	28.93 -1.17 0.00	34.28 -1.43 0.00	36.84 -1.41 0.00	36.96 -1.50 0.00	34.92 -1.46 0.00	37.98 -1.46 0.00	37.50 -1.44 0.00	36.57 -1.44 0.00	36.65 -1.41 0.00	36.78 -1.41 0.00	37.34 -1.43 0.00	43.82 -1.73 0.00	49.10 -1.83 0.00	46.87 -1.80 0.00	44.54 -1.76 0.00	37.88 -1.45 0.00	36.35 -1.52 0.00	34.65 -1.52 0.00	34.23 -1.54 0.00
SITHE_IND_GS2 24170	29.84 -1.24 0.00	28.52 -1.22 0.00	27.56 -1.21 0.00	27.38 -1.20 0.00	27.93 -1.16 0.00	28.93 -1.17 0.00	34.28 -1.43 0.00	36.84 -1.41 0.00	36.96 -1.50 0.00	34.92 -1.46 0.00	37.98 -1.46 0.00	37.50 -1.44 0.00	36.57 -1.44 0.00	36.65 -1.41 0.00	36.78 -1.41 0.00	37.34 -1.43 0.00	43.82 -1.73 0.00	49.10 -1.83 0.00	46.87 -1.80 0.00	44.54 -1.76 0.00	37.88 -1.45 0.00	36.35 -1.52 0.00	34.65 -1.52 0.00	34.23 -1.54 0.00
SITHE_IND_GS3 24171	29.84 -1.24 0.00	28.52 -1.22 0.00	27.56 -1.21 0.00	27.38 -1.20 0.00	27.93 -1.16 0.00	28.93 -1.17 0.00	34.28 -1.43 0.00	36.84 -1.41 0.00	36.96 -1.50 0.00	34.92 -1.46 0.00	37.98 -1.46 0.00	37.50 -1.44 0.00	36.57 -1.44 0.00	36.65 -1.41 0.00	36.78 -1.41 0.00	37.34 -1.43 0.00	43.82 -1.73 0.00	49.10 -1.83 0.00	46.87 -1.80 0.00	44.54 -1.76 0.00	37.88 -1.45 0.00	36.35 -1.52 0.00	34.65 -1.52 0.00	34.23 -1.54 0.00
SITHE_IND_GS4 24172	29.84 -1.24 0.00	28.52 -1.22 0.00	27.56 -1.21 0.00	27.38 -1.20 0.00	27.93 -1.16 0.00	28.93 -1.17 0.00	34.28 -1.43 0.00	36.84 -1.41 0.00	36.96 -1.50 0.00	34.92 -1.46 0.00	37.98 -1.46 0.00	37.50 -1.44 0.00	36.57 -1.44 0.00	36.65 -1.41 0.00	36.78 -1.41 0.00	37.34 -1.43 0.00	43.82 -1.73 0.00	49.10 -1.83 0.00	46.87 -1.80 0.00	44.54 -1.76 0.00	37.88 -1.45 0.00	36.35 -1.52 0.00	34.65 -1.52 0.00	34.23 -1.54 0.00
SITHE___BATAVIA 24024	29.78 -1.30 0.00	28.32 -1.43 0.00	27.04 -1.73 0.00	26.86 -1.71 0.00	27.79 -1.31 0.00	29.23 -0.87 0.00	34.10 -1.61 0.00	36.80 -1.45 0.00	36.35 -2.12 0.00	34.02 -2.36 0.00	37.38 -2.05 0.00	36.88 -2.07 0.00	35.62 -2.39 0.00	36.23 -1.83 0.00	36.32 -1.87 0.00	36.91 -1.86 0.00	42.64 -2.92 0.00	47.97 -2.96 0.00	45.84 -2.82 0.00	43.33 -2.96 0.00	37.28 -2.05 0.00	35.48 -2.38 0.00	33.63 -2.53 0.00	33.37 -2.40 0.00
SITHE___INDEPEND 23800	29.84 -1.24 0.00	28.52 -1.22 0.00	27.53 -1.24 0.00	27.38 -1.20 0.00	27.88 -1.22 0.00	28.96 -1.14 0.00	34.28 -1.43 0.00	36.88 -1.38 0.00	37.08 -1.38 0.00	35.00 -1.50 0.00	37.94 -1.50 0.00	37.50 -1.44 0.00	36.57 -1.44 0.00	36.65 -1.41 0.00	36.82 -1.37 0.00	37.34 -1.43 0.00	43.82 -1.73 0.00	49.10 -1.83 0.00	46.87 -1.80 0.00	44.54 -1.76 0.00	37.87 -1.46 0.00	36.31 -1.55 0.00	34.65 -1.52 0.00	34.23 -1.54 0.00
SITHE___MASSENA 23902	31.42 0.34 0.00	30.28 0.54 0.00	29.25 0.49 0.00	29.06 0.49 0.00	29.56 0.46 0.00	30.64 0.54 0.00	35.99 0.28 0.00	38.22 -0.04 0.00	38.46 0.00 0.00	36.56 0.18 0.00	39.28 -0.16 0.00	38.71 -0.23 0.00	37.90 -0.11 0.00	37.90 -0.15 0.00	37.97 -0.23 0.00	38.54 -0.23 0.00	45.28 -0.27 0.00	50.58 -0.35 0.00	48.48 -0.19 0.00	46.02 -0.28 0.00	39.13 -0.20 0.00	37.98 0.11 0.00	36.60 0.44 0.00	36.30 0.54 0.00
SITHE___OGDNSBRG 24021	31.73 0.65 0.00	30.61 0.86 0.00	29.60 0.83 0.00	29.41 0.83 0.00	29.91 0.81 0.00	30.85 0.75 0.00	36.39 0.68 0.00	38.64 0.38 0.00	38.69 0.23 0.00	36.85 0.47 0.00	39.75 0.32 0.00	39.06 0.12 0.00	38.17 0.15 0.00	38.17 0.11 0.00	38.23 0.04 0.00	38.85 0.08 0.00	45.69 0.14 0.00	50.98 0.05 0.00	49.01 0.34 0.00	46.48 0.19 0.00	39.49 0.16 0.00	38.58 0.72 0.00	37.11 0.94 0.00	36.80 1.04 0.00

SITHE___STERLING 23777	31.83 0.74 0.00	30.43 0.68 0.00	29.40 0.63 0.00	29.24 0.66 0.00	29.80 0.70 0.00	30.94 0.84 0.00	36.75 1.04 0.00	39.60 1.34 0.00	39.69 1.23 0.00	37.47 1.09 0.00	40.74 1.30 0.00	40.23 1.28 0.00	39.23 1.22 0.00	39.31 1.25 0.00	39.45 1.26 0.00	40.13 1.36 0.00	47.15 1.59 0.00	52.86 1.93 0.00	50.52 1.85 0.00	47.96 1.66 0.00	40.74 1.41 0.00	39.04 1.18 0.00	37.14 0.98 0.00	36.69 0.93 0.00
SLEIGHT__34_KV_TB1 80719	30.06 -1.03 0.00	28.64 -1.10 0.00	27.53 -1.24 0.00	27.35 -1.23 0.00	27.91 -1.19 0.00	29.35 -0.75 0.00	34.60 -1.11 0.00	37.34 -0.92 0.00	37.54 -0.92 0.00	35.29 -1.09 0.00	38.25 -1.18 0.00	37.89 -1.05 0.00	36.87 -1.14 0.00	37.14 -0.91 0.00	37.28 -0.92 0.00	37.76 -1.01 0.00	44.09 -1.46 0.00	49.50 -1.43 0.00	47.16 -1.51 0.00	44.67 -1.62 0.00	38.19 -1.14 0.00	36.35 -1.51 0.00	34.61 -1.56 0.00	34.23 -1.54 0.00
SOUTH CAIRO___GT 23612	32.95 1.86 0.00	31.47 1.72 0.00	30.52 1.75 0.00	30.35 1.77 0.00	30.64 1.54 0.00	31.42 1.32 0.00	37.46 1.75 0.00	39.67 1.42 0.00	39.96 1.50 0.00	37.36 0.98 0.00	40.78 1.34 0.00	40.42 1.48 0.00	39.34 1.33 0.00	39.39 1.33 0.00	39.65 1.45 0.00	40.44 1.67 0.00	47.51 1.96 0.00	53.22 2.29 0.00	51.05 2.38 0.00	48.43 2.13 0.00	41.14 1.81 0.00	39.30 1.44 0.00	37.47 1.30 0.00	37.16 1.39 0.00
SOUTH HAMPTN___IC 23720	41.85 2.67 -8.09	38.01 2.50 -5.77	34.27 2.42 -3.09	32.86 2.43 -1.86	33.71 2.47 -2.13	38.90 2.53 -6.27	48.42 3.32 -9.39	52.96 4.25 -10.46	52.29 4.42 -9.41	54.31 4.15 -13.79	67.84 4.65 -23.75	69.88 4.59 -26.35	64.46 4.45 -22.00	63.93 4.37 -21.50	60.96 4.50 -18.26	68.53 4.53 -25.23	72.21 5.46 -21.20	90.30 6.57 -32.80	89.75 5.98 -35.09	75.89 5.83 -23.77	68.50 4.68 -24.50	62.20 4.24 -20.10	55.21 3.51 -15.53	52.95 3.51 -13.67
SOUTHDOW_115KV_TB1 355954	30.65 -0.44 0.00	29.15 -0.59 0.00	27.67 -1.09 0.00	27.55 -1.03 0.00	28.11 -0.99 0.00	30.04 -0.06 0.00	35.35 -0.36 0.00	37.88 -0.38 0.00	38.00 -0.46 0.00	35.47 -0.91 0.00	38.33 -1.10 0.00	38.17 -0.78 0.00	37.10 -0.91 0.00	37.68 -0.38 0.00	37.81 -0.38 0.00	38.19 -0.58 0.00	43.96 -1.59 0.00	49.71 -1.22 0.00	47.21 -1.46 0.00	44.49 -1.81 0.00	38.62 -0.71 0.00	36.42 -1.44 0.00	34.68 -1.48 0.00	34.59 -1.18 0.00
SOUTHOLD_69_KV_BK 2 55809	42.03 2.86 -8.09	38.22 2.71 -5.77	34.47 2.62 -3.09	33.04 2.60 -1.86	33.88 2.65 -2.13	39.11 2.74 -6.27	48.74 3.64 -9.39	53.38 4.67 -10.46	52.83 4.96 -9.41	54.72 4.55 -13.79	68.16 4.97 -23.75	70.24 4.95 -26.35	64.80 4.79 -22.00	64.32 4.76 -21.50	61.31 4.85 -18.26	68.89 4.89 -25.23	72.63 5.88 -21.20	90.96 7.23 -32.80	90.33 6.57 -35.09	76.45 6.39 -23.77	68.90 5.07 -24.50	62.43 4.47 -20.10	55.46 3.76 -15.53	53.12 3.68 -13.67
SOUTHOLD___IC 23719	42.03 2.86 -8.09	38.21 2.71 -5.77	34.47 2.62 -3.09	33.04 2.60 -1.86	33.91 2.68 -2.13	39.11 2.74 -6.27	48.74 3.64 -9.39	53.38 4.67 -10.46	52.68 4.81 -9.41	54.64 4.47 -13.79	68.20 5.01 -23.75	70.24 4.95 -26.35	64.80 4.79 -22.00	64.28 4.72 -21.50	61.31 4.85 -18.26	68.89 4.89 -25.23	72.67 5.92 -21.20	90.91 7.18 -32.80	90.33 6.57 -35.09	76.45 6.39 -23.77	68.90 5.08 -24.50	62.58 4.62 -20.10	55.50 3.80 -15.53	53.19 3.75 -13.67
SOUTH_FORK_WT_PWR 323839	41.91 2.74 -8.09	38.07 2.56 -5.77	34.32 2.47 -3.09	32.89 2.46 -1.86	33.76 2.53 -2.13	38.96 2.59 -6.27	48.56 3.46 -9.39	53.19 4.47 -10.46	52.52 4.65 -9.41	54.50 4.33 -13.79	68.00 4.81 -23.75	70.08 4.79 -26.35	64.61 4.60 -22.00	64.08 4.53 -21.50	61.11 4.66 -18.26	68.69 4.69 -25.23	72.44 5.69 -21.20	90.66 6.93 -32.80	90.09 6.32 -35.09	76.27 6.21 -23.77	68.74 4.92 -24.50	62.39 4.43 -20.10	55.32 3.62 -15.53	53.02 3.58 -13.67
SPIERFLS_115KV_TB 1 80737	32.54 1.46 0.00	31.11 1.37 0.00	30.12 1.35 0.00	29.95 1.37 0.00	30.47 1.37 0.00	31.57 1.47 0.00	36.71 1.00 0.00	39.48 1.22 0.00	39.85 1.38 0.00	37.44 1.06 0.00	40.78 1.34 0.00	40.35 1.40 0.00	39.23 1.22 0.00	39.27 1.22 0.00	39.49 1.30 0.00	40.13 1.36 0.00	47.24 1.69 0.00	53.07 2.14 0.00	50.76 2.09 0.00	48.19 1.90 0.00	40.86 1.53 0.00	38.96 1.10 0.00	36.96 0.80 0.00	36.48 0.72 0.00
ST LAWRENCE____ 23600	31.14 0.06 0.00	29.89 0.15 0.00	28.91 0.14 0.00	28.69 0.11 0.00	29.22 0.12 0.00	30.25 0.15 0.00	35.71 0.00 0.00	37.88 -0.38 0.00	38.11 -0.35 0.00	36.24 -0.14 0.00	38.92 -0.51 0.00	38.36 -0.58 0.00	37.60 -0.42 0.00	37.60 -0.45 0.00	37.66 -0.53 0.00	38.19 -0.58 0.00	44.91 -0.64 0.00	50.11 -0.82 0.00	48.03 -0.63 0.00	45.65 -0.65 0.00	38.78 -0.55 0.00	37.64 -0.23 0.00	36.24 0.07 0.00	35.95 0.18 0.00
STATE_CA_115KV_115_LB 55624	31.92 0.84 0.00	30.55 0.80 0.00	29.63 0.86 0.00	29.44 0.86 0.00	29.94 0.84 0.00	30.67 0.57 0.00	36.46 0.75 0.00	39.21 0.96 0.00	39.61 1.15 0.00	37.25 0.87 0.00	40.62 1.18 0.00	40.19 1.25 0.00	39.19 1.18 0.00	39.24 1.18 0.00	39.45 1.26 0.00	40.05 1.28 0.00	47.10 1.55 0.00	52.61 1.68 0.00	50.18 1.51 0.00	47.78 1.48 0.00	40.55 1.22 0.00	38.81 0.95 0.00	36.89 0.72 0.00	36.45 0.68 0.00
STATE_ST_34_KV_LOAD 55959	30.86 -0.22 0.00	29.48 -0.27 0.00	28.42 -0.35 0.00	28.26 -0.31 0.00	28.84 -0.26 0.00	30.10 0.00 0.00	35.67 -0.04 0.00	38.49 0.23 0.00	38.69 0.23 0.00	36.49 0.11 0.00	39.55 0.12 0.00	39.10 0.16 0.00	38.05 0.04 0.00	38.17 0.11 0.00	38.35 0.15 0.00	38.89 0.12 0.00	45.69 0.14 0.00	51.29 0.36 0.00	48.96 0.29 0.00	46.43 0.14 0.00	39.53 0.20 0.00	37.71 -0.15 0.00	35.91 -0.25 0.00	35.48 -0.29 0.00
STATION 5_MISC_HYD 23604	29.81 -1.28 0.00	28.38 -1.37 0.00	27.21 -1.55 0.00	27.03 -1.54 0.00	27.85 -1.25 0.00	29.11 -0.99 0.00	34.18 -1.53 0.00	36.84 -1.41 0.00	36.62 -1.85 0.00	34.42 -1.97 0.00	37.70 -1.73 0.00	37.23 -1.71 0.00	36.04 -1.98 0.00	36.49 -1.56 0.00	36.55 -1.64 0.00	37.11 -1.67 0.00	43.14 -2.42 0.00	48.43 -2.49 0.00	46.24 -2.43 0.00	43.79 -2.50 0.00	37.52 -1.81 0.00	35.82 -2.05 0.00	34.00 -2.17 0.00	33.66 -2.11 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.40 -0.68 0.00	28.97 -0.77 0.00	27.82 -0.95 0.00	27.63 -0.94 0.00	28.23 -0.87 0.00	29.71 -0.39 0.00	35.03 -0.68 0.00	37.76 -0.50 0.00	37.96 -0.50 0.00	35.65 -0.73 0.00	38.53 -0.91 0.00	38.20 -0.74 0.00	37.14 -0.87 0.00	37.48 -0.57 0.00	37.58 -0.61 0.00	38.07 -0.70 0.00	44.50 -1.05 0.00	50.01 -0.92 0.00	47.70 -0.97 0.00	45.14 -1.16 0.00	38.62 -0.71 0.00	36.73 -1.14 0.00	35.01 -1.16 0.00	34.62 -1.14 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.71 -1.37 0.00	28.29 -1.46 0.00	27.13 -1.64 0.00	26.92 -1.66 0.00	27.47 -1.63 0.00	29.02 -1.08 0.00	34.07 -1.64 0.00	36.69 -1.57 0.00	36.88 -1.58 0.00	34.56 -1.82 0.00	37.35 -2.09 0.00	37.07 -1.87 0.00	36.04 -1.98 0.00	36.46 -1.60 0.00	36.51 -1.68 0.00	36.99 -1.78 0.00	43.09 -2.46 0.00	48.38 -2.55 0.00	46.14 -2.53 0.00	43.70 -2.59 0.00	37.48 -1.85 0.00	35.63 -2.23 0.00	33.96 -2.21 0.00	33.62 -2.15 0.00

STA_56___34_KV_BUS2 355983	29.71 -1.37 0.00	28.29 -1.46 0.00	27.13 -1.64 0.00	26.92 -1.66 0.00	27.47 -1.63 0.00	29.02 -1.08 0.00	34.07 -1.64 0.00	36.69 -1.57 0.00	36.88 -1.58 0.00	34.56 -1.82 0.00	37.35 -2.09 0.00	37.07 -1.87 0.00	36.04 -1.98 0.00	36.46 -1.60 0.00	36.51 -1.68 0.00	36.99 -1.78 0.00	43.09 -2.46 0.00	48.38 -2.55 0.00	46.14 -2.53 0.00	43.70 -2.59 0.00	37.48 -1.85 0.00	35.63 -2.23 0.00	33.96 -2.21 0.00	33.62 -2.15 0.00
STA_67___115KV_BK2 355882	29.74 -1.34 0.00	28.32 -1.43 0.00	27.13 -1.64 0.00	26.92 -1.66 0.00	27.50 -1.60 0.00	29.05 -1.05 0.00	34.10 -1.61 0.00	36.69 -1.57 0.00	36.85 -1.62 0.00	34.49 -1.89 0.00	37.27 -2.17 0.00	37.04 -1.91 0.00	35.96 -2.05 0.00	36.38 -1.67 0.00	36.48 -1.72 0.00	36.95 -1.82 0.00	43.00 -2.55 0.00	48.28 -2.65 0.00	46.04 -2.63 0.00	43.61 -2.69 0.00	37.44 -1.89 0.00	35.55 -2.31 0.00	33.92 -2.24 0.00	33.58 -2.18 0.00
STA_7___115KV_9TRANS 80674	29.93 -1.15 0.00	28.49 -1.25 0.00	27.30 -1.47 0.00	27.09 -1.49 0.00	27.64 -1.45 0.00	29.26 -0.84 0.00	34.32 -1.39 0.00	36.96 -1.30 0.00	37.15 -1.31 0.00	34.78 -1.60 0.00	37.58 -1.85 0.00	37.35 -1.60 0.00	36.27 -1.75 0.00	36.69 -1.37 0.00	36.78 -1.41 0.00	37.26 -1.51 0.00	43.37 -2.19 0.00	48.74 -2.19 0.00	46.48 -2.19 0.00	43.98 -2.31 0.00	37.76 -1.57 0.00	35.86 -2.01 0.00	34.18 -1.99 0.00	33.83 -1.93 0.00
STA_82___115KV_TB1 80780	29.78 -1.31 0.00	28.34 -1.40 0.00	27.15 -1.61 0.00	26.95 -1.63 0.00	27.50 -1.60 0.00	29.08 -1.02 0.00	34.10 -1.61 0.00	36.69 -1.57 0.00	36.88 -1.58 0.00	34.49 -1.89 0.00	37.27 -2.17 0.00	37.04 -1.91 0.00	35.96 -2.05 0.00	36.42 -1.64 0.00	36.51 -1.68 0.00	36.95 -1.82 0.00	43.05 -2.51 0.00	48.33 -2.60 0.00	46.09 -2.58 0.00	43.61 -2.69 0.00	37.44 -1.89 0.00	35.59 -2.27 0.00	33.96 -2.21 0.00	33.62 -2.15 0.00
STEEL___WIND 323596	29.59 -1.49 0.00	28.19 -1.55 0.00	26.87 -1.90 0.00	26.69 -1.89 0.00	27.65 -1.45 0.00	29.05 -1.05 0.00	33.82 -1.89 0.00	36.35 -1.91 0.00	35.77 -2.69 0.00	33.54 -2.84 0.00	36.91 -2.52 0.00	36.45 -2.49 0.00	35.24 -2.77 0.00	35.85 -2.21 0.00	35.94 -2.25 0.00	36.45 -2.33 0.00	42.00 -3.55 0.00	47.21 -3.72 0.00	45.07 -3.60 0.00	42.59 -3.71 0.00	36.77 -2.56 0.00	35.06 -2.80 0.00	33.24 -2.93 0.00	33.05 -2.72 0.00
STEPHTWN_115KV_BK_2 55603	32.17 1.09 0.00	30.81 1.07 0.00	29.89 1.12 0.00	29.69 1.11 0.00	30.21 1.11 0.00	31.00 0.90 0.00	36.82 1.11 0.00	39.63 1.38 0.00	40.00 1.54 0.00	37.62 1.24 0.00	41.01 1.58 0.00	40.58 1.64 0.00	39.53 1.52 0.00	39.58 1.52 0.00	39.84 1.64 0.00	40.48 1.71 0.00	47.56 2.00 0.00	53.22 2.29 0.00	50.81 2.14 0.00	48.33 2.04 0.00	40.98 1.65 0.00	39.23 1.36 0.00	37.25 1.08 0.00	36.80 1.04 0.00
STEBUBEN_REC_LFGE 323667	31.02 -0.06 0.00	29.53 -0.21 0.00	28.22 -0.55 0.00	28.06 -0.51 0.00	28.75 -0.35 0.00	30.55 0.45 0.00	35.75 0.04 0.00	38.41 0.15 0.00	38.42 -0.04 0.00	35.94 -0.44 0.00	38.85 -0.59 0.00	38.52 -0.43 0.00	37.48 -0.53 0.00	37.90 -0.15 0.00	38.12 -0.08 0.00	38.58 -0.19 0.00	45.23 -0.32 0.00	51.08 0.15 0.00	48.67 0.00 0.00	46.02 -0.28 0.00	39.61 0.28 0.00	37.56 -0.30 0.00	35.77 -0.40 0.00	35.52 -0.25 0.00
STILLWATER___SOLAR 323814	32.51 1.43 0.00	31.08 1.34 0.00	30.09 1.32 0.00	29.89 1.32 0.00	30.41 1.31 0.00	31.46 1.36 0.00	37.17 1.46 0.00	40.02 1.76 0.00	40.27 1.81 0.00	37.91 1.53 0.00	41.33 1.89 0.00	40.89 1.95 0.00	39.76 1.75 0.00	39.81 1.75 0.00	40.03 1.83 0.00	40.71 1.94 0.00	47.87 2.32 0.00	53.63 2.70 0.00	51.25 2.58 0.00	48.70 2.41 0.00	41.37 2.04 0.00	39.57 1.71 0.00	37.54 1.37 0.00	37.09 1.32 0.00
STONY___BROOK 24151	41.53 2.36 -8.09	37.68 2.17 -5.77	33.95 2.10 -3.09	32.55 2.11 -1.86	33.39 2.15 -2.13	38.57 2.20 -6.27	48.03 2.93 -9.39	52.54 3.83 -10.46	51.91 4.04 -9.41	53.77 3.60 -13.79	67.41 4.22 -23.75	69.54 4.25 -26.35	64.08 4.07 -22.00	63.59 4.03 -21.50	60.62 4.16 -18.26	68.27 4.26 -25.23	71.90 5.15 -21.20	89.74 6.01 -32.80	89.16 5.40 -35.09	75.38 5.32 -23.77	68.19 4.37 -24.50	61.86 3.90 -20.10	54.92 3.22 -15.53	52.55 3.11 -13.67
STURGEON_POOL_HYD 23609	32.23 1.15 0.00	30.75 1.01 0.00	29.77 1.01 0.00	29.58 1.00 0.00	30.03 0.93 0.00	31.00 0.90 0.00	37.14 1.43 0.00	40.21 1.95 0.00	40.69 2.23 0.00	38.16 1.78 0.00	41.57 2.13 0.00	41.20 2.26 0.00	40.14 2.13 0.00	40.15 2.09 0.00	40.33 2.14 0.00	40.98 2.21 0.00	48.19 2.64 0.00	54.09 3.16 0.00	51.39 2.73 0.00	49.12 2.82 0.00	41.57 2.24 0.00	39.64 1.78 0.00	37.72 1.56 0.00	37.27 1.50 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.11 1.03 0.00	30.64 0.89 0.00	29.66 0.89 0.00	29.46 0.89 0.00	29.97 0.87 0.00	30.94 0.84 0.00	37.00 1.29 0.00	40.09 1.84 0.00	40.54 2.08 0.00	38.09 1.71 0.00	41.45 2.01 0.00	41.09 2.14 0.00	40.03 2.01 0.00	40.03 1.98 0.00	40.22 2.02 0.00	40.87 2.09 0.00	48.06 2.51 0.00	53.88 2.95 0.00	51.20 2.53 0.00	48.93 2.64 0.00	41.45 2.12 0.00	39.53 1.67 0.00	37.58 1.41 0.00	37.09 1.32 0.00
SWANROAD_115KV_TB1 355699	28.47 -2.61 0.00	27.13 -2.62 0.00	25.77 -2.99 0.00	25.58 -3.00 0.00	26.10 -3.00 0.00	27.96 -2.14 0.00	32.39 -3.32 0.00	34.66 -3.60 0.00	34.69 -3.77 0.00	32.23 -4.15 0.00	34.70 -4.73 0.00	34.66 -4.28 0.00	33.60 -4.41 0.00	34.25 -3.81 0.00	34.34 -3.86 0.00	34.66 -4.11 0.00	40.04 -5.51 0.00	44.97 -5.96 0.00	42.88 -5.79 0.00	40.46 -5.83 0.00	35.16 -4.17 0.00	33.21 -4.66 0.00	31.79 -4.38 0.00	31.58 -4.18 0.00
SYNERGY___BIOGAS 323694	29.78 -1.30 0.00	28.32 -1.43 0.00	27.04 -1.73 0.00	26.86 -1.71 0.00	27.79 -1.31 0.00	29.23 -0.87 0.00	34.10 -1.61 0.00	36.80 -1.45 0.00	36.35 -2.12 0.00	34.02 -2.36 0.00	37.38 -2.05 0.00	36.88 -2.07 0.00	35.62 -2.39 0.00	36.23 -1.83 0.00	36.32 -1.87 0.00	36.91 -1.86 0.00	42.64 -2.92 0.00	47.97 -2.96 0.00	45.84 -2.82 0.00	43.33 -2.96 0.00	37.28 -2.05 0.00	35.48 -2.38 0.00	33.63 -2.53 0.00	33.37 -2.40 0.00
SYRACUSE___ENERGY_ST1 323597	30.68 -0.40 0.00	29.33 -0.42 0.00	28.30 -0.46 0.00	28.12 -0.46 0.00	28.66 -0.44 0.00	29.80 -0.30 0.00	35.32 -0.39 0.00	38.03 -0.23 0.00	38.27 -0.19 0.00	36.09 -0.29 0.00	39.16 -0.28 0.00	38.71 -0.23 0.00	37.75 -0.27 0.00	37.83 -0.23 0.00	38.00 -0.19 0.00	38.54 -0.23 0.00	45.23 -0.32 0.00	50.73 -0.20 0.00	48.38 -0.29 0.00	45.92 -0.37 0.00	39.09 -0.24 0.00	37.37 -0.49 0.00	35.62 -0.54 0.00	35.23 -0.54 0.00
SYRACUSE___ENERGY_ST2 323598	30.68 -0.40 0.00	29.33 -0.42 0.00	28.30 -0.46 0.00	28.12 -0.46 0.00	28.66 -0.44 0.00	29.80 -0.30 0.00	35.32 -0.39 0.00	38.03 -0.23 0.00	38.27 -0.19 0.00	36.09 -0.29 0.00	39.16 -0.28 0.00	38.71 -0.23 0.00	37.75 -0.27 0.00	37.83 -0.23 0.00	38.00 -0.19 0.00	38.54 -0.23 0.00	45.23 -0.32 0.00	50.73 -0.20 0.00	48.38 -0.29 0.00	45.92 -0.37 0.00	39.09 -0.24 0.00	37.37 -0.49 0.00	35.62 -0.54 0.00	35.23 -0.54 0.00

SYRACUSE___POWER 24017	30.68 -0.40 0.00	29.30 -0.45 0.00	28.28 -0.49 0.00	28.12 -0.46 0.00	28.66 -0.44 0.00	29.77 -0.33 0.00	35.25 -0.46 0.00	37.99 -0.27 0.00	38.23 -0.23 0.00	36.05 -0.33 0.00	39.12 -0.32 0.00	38.67 -0.27 0.00	37.67 -0.34 0.00	37.79 -0.27 0.00	37.96 -0.23 0.00	38.50 -0.27 0.00	45.23 -0.32 0.00	50.67 -0.25 0.00	48.38 -0.29 0.00	45.92 -0.37 0.00	39.05 -0.28 0.00	37.37 -0.49 0.00	35.59 -0.58 0.00	35.19 -0.57 0.00
TALLMAN___138KV_BK151 55660	32.20 1.12 0.00	30.69 0.95 0.00	29.71 0.95 0.00	29.52 0.94 0.00	30.06 0.96 0.00	31.06 0.96 0.00	37.17 1.46 0.00	40.40 2.14 0.00	40.85 2.38 0.00	38.38 2.00 0.00	41.76 2.33 0.00	41.40 2.45 0.00	40.33 2.32 0.00	40.30 2.25 0.00	40.52 2.33 0.00	41.14 2.37 0.00	48.38 2.82 0.00	54.29 3.36 0.00	51.54 2.87 0.00	49.26 2.96 0.00	41.73 2.40 0.00	39.76 1.89 0.00	37.76 1.59 0.00	37.30 1.54 0.00
TEALLAVE_115KV_TB7 355573	30.49 -0.59 0.00	29.15 -0.59 0.00	28.13 -0.63 0.00	27.95 -0.63 0.00	28.49 -0.61 0.00	29.59 -0.51 0.00	35.00 -0.71 0.00	37.72 -0.54 0.00	37.96 -0.50 0.00	35.80 -0.58 0.00	38.85 -0.59 0.00	38.44 -0.51 0.00	37.44 -0.57 0.00	37.56 -0.49 0.00	37.70 -0.50 0.00	38.23 -0.54 0.00	44.87 -0.68 0.00	50.27 -0.66 0.00	47.99 -0.68 0.00	45.55 -0.74 0.00	38.74 -0.59 0.00	37.07 -0.80 0.00	35.33 -0.83 0.00	34.91 -0.86 0.00
TELGRAPH_34_KV_EAST 80808	29.28 -1.80 0.00	27.87 -1.87 0.00	26.52 -2.24 0.00	26.32 -2.26 0.00	26.89 -2.21 0.00	28.75 -1.35 0.00	33.46 -2.25 0.00	35.92 -2.33 0.00	36.00 -2.46 0.00	33.47 -2.91 0.00	36.08 -3.35 0.00	35.98 -2.96 0.00	34.86 -3.16 0.00	35.51 -2.55 0.00	35.60 -2.60 0.00	35.98 -2.79 0.00	41.63 -3.92 0.00	46.80 -4.13 0.00	44.58 -4.09 0.00	42.13 -4.17 0.00	36.46 -2.87 0.00	34.46 -3.41 0.00	32.91 -3.25 0.00	32.69 -3.08 0.00
TEMPLE___115KV_TB 2 55572	30.52 -0.56 0.00	29.15 -0.59 0.00	28.13 -0.63 0.00	27.98 -0.60 0.00	28.52 -0.58 0.00	29.62 -0.48 0.00	35.03 -0.68 0.00	37.76 -0.50 0.00	38.00 -0.46 0.00	35.83 -0.55 0.00	38.88 -0.55 0.00	38.48 -0.47 0.00	37.48 -0.53 0.00	37.60 -0.46 0.00	37.74 -0.46 0.00	38.27 -0.50 0.00	44.91 -0.64 0.00	50.32 -0.61 0.00	48.04 -0.63 0.00	45.60 -0.69 0.00	38.78 -0.55 0.00	37.11 -0.76 0.00	35.37 -0.80 0.00	34.94 -0.82 0.00
TIANA____69_KV_BK 1 55817	41.78 2.61 -8.09	37.98 2.47 -5.77	34.24 2.39 -3.09	32.81 2.37 -1.86	33.65 2.42 -2.13	38.84 2.47 -6.27	48.35 3.25 -9.39	52.88 4.17 -10.46	52.37 4.50 -9.41	54.32 4.15 -13.79	67.72 4.54 -23.75	69.81 4.52 -26.35	64.42 4.41 -22.00	63.90 4.34 -21.50	60.92 4.47 -18.26	68.46 4.46 -25.23	72.13 5.38 -21.20	90.25 6.52 -32.80	89.60 5.84 -35.09	75.80 5.74 -23.77	68.39 4.56 -24.50	61.98 4.01 -20.10	55.10 3.40 -15.53	52.84 3.40 -13.67
TILDEN___115KV_TB1 80814	30.68 -0.40 0.00	29.30 -0.45 0.00	28.28 -0.49 0.00	28.12 -0.46 0.00	28.66 -0.44 0.00	29.77 -0.33 0.00	35.25 -0.46 0.00	37.99 -0.27 0.00	38.23 -0.23 0.00	36.05 -0.33 0.00	39.12 -0.32 0.00	38.67 -0.27 0.00	37.67 -0.34 0.00	37.79 -0.27 0.00	37.96 -0.23 0.00	38.50 -0.27 0.00	45.23 -0.32 0.00	50.67 -0.25 0.00	48.38 -0.29 0.00	45.92 -0.37 0.00	39.05 -0.28 0.00	37.37 -0.49 0.00	35.59 -0.58 0.00	35.19 -0.57 0.00
TRIGEN___CC 323695	40.94 1.77 -8.09	37.08 1.58 -5.77	33.43 1.58 -3.09	31.98 1.54 -1.86	32.81 1.57 -2.13	37.97 1.60 -6.27	47.31 2.21 -9.39	51.74 3.02 -10.46	51.22 3.35 -9.41	53.04 2.87 -13.79	66.46 3.27 -23.75	68.68 3.39 -26.35	63.24 3.23 -22.00	62.71 3.16 -21.50	59.70 3.25 -18.26	67.29 3.30 -25.22	70.71 3.96 -21.19	88.31 4.58 -32.80	87.80 4.04 -35.09	74.18 4.12 -23.77	67.12 3.30 -24.49	60.72 2.76 -20.09	54.12 2.42 -15.53	51.76 2.32 -13.67
TRINITY___115KV___4 BK 55933	31.83 0.75 0.00	30.46 0.71 0.00	29.57 0.81 0.00	29.38 0.80 0.00	29.89 0.79 0.00	30.61 0.51 0.00	36.35 0.64 0.00	39.14 0.88 0.00	39.50 1.04 0.00	37.14 0.76 0.00	40.50 1.06 0.00	40.07 1.13 0.00	39.12 1.10 0.00	39.12 1.07 0.00	39.34 1.15 0.00	39.94 1.16 0.00	46.96 1.41 0.00	52.46 1.53 0.00	50.03 1.36 0.00	47.64 1.34 0.00	40.39 1.06 0.00	38.73 0.87 0.00	36.82 0.65 0.00	36.37 0.61 0.00
UNION___PROCESSING_DRP 323587	29.78 -1.31 0.00	28.34 -1.40 0.00	27.15 -1.61 0.00	26.95 -1.63 0.00	27.53 -1.57 0.00	29.11 -0.99 0.00	34.14 -1.57 0.00	36.73 -1.53 0.00	36.88 -1.58 0.00	34.52 -1.86 0.00	37.31 -2.13 0.00	37.07 -1.87 0.00	36.00 -2.01 0.00	36.42 -1.64 0.00	36.51 -1.68 0.00	36.99 -1.78 0.00	43.05 -2.51 0.00	48.33 -2.60 0.00	46.09 -2.58 0.00	43.66 -2.64 0.00	37.48 -1.85 0.00	35.59 -2.27 0.00	33.96 -2.21 0.00	33.62 -2.15 0.00
UPPER HUDSON___HYD 24058	32.54 1.46 0.00	31.11 1.37 0.00	30.12 1.35 0.00	29.92 1.34 0.00	30.44 1.34 0.00	31.57 1.47 0.00	36.71 1.00 0.00	39.48 1.22 0.00	39.77 1.31 0.00	37.40 1.02 0.00	40.82 1.38 0.00	40.34 1.40 0.00	39.19 1.18 0.00	39.24 1.18 0.00	39.49 1.30 0.00	40.13 1.36 0.00	47.24 1.69 0.00	53.02 2.09 0.00	50.76 2.09 0.00	48.15 1.85 0.00	40.86 1.53 0.00	39.00 1.13 0.00	36.96 0.79 0.00	36.48 0.72 0.00
UPPER RAQUET___HYD 24056	31.21 0.12 0.00	30.13 0.39 0.00	29.11 0.35 0.00	28.92 0.34 0.00	29.42 0.32 0.00	30.43 0.33 0.00	35.53 -0.18 0.00	37.72 -0.54 0.00	38.00 -0.46 0.00	36.02 -0.36 0.00	38.65 -0.79 0.00	38.12 -0.82 0.00	37.18 -0.84 0.00	37.14 -0.91 0.00	37.20 -0.99 0.00	37.76 -1.01 0.00	44.46 -1.09 0.00	49.71 -1.22 0.00	47.70 -0.97 0.00	45.23 -1.06 0.00	38.43 -0.90 0.00	37.56 -0.30 0.00	36.38 0.22 0.00	36.16 0.39 0.00
VALLEY44_115KV_TB2 355964	30.33 -0.75 0.00	28.91 -0.83 0.00	27.50 -1.27 0.00	27.29 -1.29 0.00	27.99 -1.11 0.00	29.83 -0.27 0.00	35.00 -0.71 0.00	37.38 -0.88 0.00	37.31 -1.15 0.00	34.85 -1.53 0.00	37.62 -1.81 0.00	37.43 -1.52 0.00	36.34 -1.67 0.00	36.88 -1.18 0.00	37.01 -1.18 0.00	37.34 -1.43 0.00	43.05 -2.51 0.00	48.59 -2.34 0.00	46.14 -2.53 0.00	43.56 -2.73 0.00	37.80 -1.53 0.00	35.70 -2.16 0.00	34.07 -2.10 0.00	33.98 -1.79 0.00
VALLEY___115KV_TB 1-4 80826	31.27 0.19 0.00	29.86 0.12 0.00	28.85 0.09 0.00	28.63 0.06 0.00	29.13 0.03 0.00	30.10 0.00 0.00	35.82 0.11 0.00	38.53 0.27 0.00	38.73 0.27 0.00	36.60 0.22 0.00	39.75 0.32 0.00	39.33 0.39 0.00	38.39 0.38 0.00	38.44 0.38 0.00	38.58 0.38 0.00	39.20 0.43 0.00	46.05 0.50 0.00	51.54 0.61 0.00	49.20 0.54 0.00	46.85 0.56 0.00	39.76 0.43 0.00	38.20 0.34 0.00	36.49 0.33 0.00	36.12 0.36 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.85 1.77 0.00	31.41 1.67 0.00	30.40 1.64 0.00	30.24 1.66 0.00	30.73 1.63 0.00	31.82 1.72 0.00	37.96 2.25 0.00	41.09 2.83 0.00	41.38 2.92 0.00	39.11 2.73 0.00	42.51 3.08 0.00	42.06 3.12 0.00	41.02 3.00 0.00	41.06 3.01 0.00	41.21 3.02 0.00	41.76 2.99 0.00	48.97 3.42 0.00	55.05 4.13 0.00	52.56 3.89 0.00	50.00 3.70 0.00	42.44 3.11 0.00	40.51 2.65 0.00	38.59 2.42 0.00	38.09 2.32 0.00

VISCHER___FERRY HYD 24020	32.23 1.15 0.00	30.81 1.07 0.00	29.86 1.09 0.00	29.66 1.09 0.00	30.15 1.05 0.00	31.12 1.02 0.00	36.96 1.25 0.00	39.79 1.53 0.00	40.08 1.62 0.00	37.73 1.35 0.00	41.17 1.73 0.00	40.70 1.75 0.00	39.65 1.63 0.00	39.65 1.60 0.00	39.87 1.68 0.00	40.52 1.75 0.00	47.65 2.10 0.00	53.32 2.39 0.00	50.86 2.19 0.00	48.43 2.13 0.00	41.10 1.77 0.00	39.42 1.55 0.00	37.40 1.23 0.00	36.94 1.18 0.00
V_A_10_SYNC_DSASP 323832	28.94 -2.14 0.00	27.54 -2.20 0.00	26.32 -2.45 0.00	26.18 -2.40 0.00	27.03 -2.07 0.00	28.32 -1.78 0.00	33.07 -2.64 0.00	35.50 -2.76 0.00	35.00 -3.46 0.00	32.85 -3.53 0.00	36.12 -3.31 0.00	35.67 -3.27 0.00	34.48 -3.53 0.00	35.01 -3.05 0.00	35.10 -3.09 0.00	35.59 -3.18 0.00	41.18 -4.37 0.00	46.14 -4.79 0.00	44.09 -4.58 0.00	41.76 -4.54 0.00	35.95 -3.38 0.00	34.30 -3.56 0.00	32.62 -3.54 0.00	32.37 -3.40 0.00
V_CMM_10_SYNC_DSASP 323787	31.24 0.16 0.00	30.01 0.27 0.00	28.99 0.23 0.00	28.81 0.23 0.00	29.30 0.21 0.00	30.34 0.24 0.00	35.82 0.11 0.00	38.03 -0.23 0.00	38.27 -0.19 0.00	36.38 0.00 0.00	39.08 -0.36 0.00	38.52 -0.43 0.00	37.75 -0.26 0.00	37.75 -0.31 0.00	37.81 -0.38 0.00	38.35 -0.43 0.00	45.10 -0.46 0.00	50.32 -0.61 0.00	48.23 -0.44 0.00	45.83 -0.46 0.00	38.94 -0.39 0.00	37.79 -0.08 0.00	36.38 0.22 0.00	36.05 0.28 0.00
V_CMP_10_SYNC_DSASP 323788	32.63 1.55 0.00	31.35 1.61 0.00	30.23 1.47 0.00	29.98 1.40 0.00	30.50 1.40 0.00	31.75 1.65 0.00	37.03 1.32 0.00	39.33 1.07 0.00	39.61 1.15 0.00	37.58 1.20 0.00	40.42 0.99 0.00	39.88 0.93 0.00	39.04 1.03 0.00	38.97 0.91 0.00	39.07 0.88 0.00	39.70 0.93 0.00	46.78 1.23 0.00	52.41 1.48 0.00	50.23 1.56 0.00	47.45 1.16 0.00	40.39 1.06 0.00	39.07 1.21 0.00	37.54 1.37 0.00	37.70 1.93 0.00
V_D_10_SYNC_DSASP 323841	31.42 0.34 0.00	30.28 0.54 0.00	29.25 0.49 0.00	29.06 0.49 0.00	29.56 0.46 0.00	30.64 0.54 0.00	35.99 0.28 0.00	38.22 -0.04 0.00	38.50 0.04 0.00	36.56 0.18 0.00	39.28 -0.16 0.00	38.71 -0.23 0.00	37.90 -0.11 0.00	37.90 -0.15 0.00	37.97 -0.23 0.00	38.54 -0.23 0.00	45.28 -0.27 0.00	50.58 -0.35 0.00	48.48 -0.19 0.00	46.02 -0.28 0.00	39.13 -0.20 0.00	37.98 0.11 0.00	36.60 0.44 0.00	36.30 0.54 0.00
V_E_10_SYNC_DSASP 323830	33.66 2.58 0.00	32.12 2.38 0.00	30.89 2.13 0.00	30.78 2.20 0.00	31.37 2.27 0.00	32.75 2.65 0.00	39.10 3.39 0.00	42.47 4.21 0.00	42.27 3.81 0.00	39.91 3.53 0.00	43.42 3.98 0.00	42.80 3.86 0.00	41.70 3.69 0.00	41.82 3.77 0.00	42.05 3.86 0.00	42.80 4.03 0.00	50.47 4.92 0.00	57.09 6.16 0.00	54.70 6.03 0.00	51.85 5.55 0.00	44.05 4.72 0.00	42.03 4.16 0.00	39.89 3.73 0.00	39.31 3.54 0.00
V_F_30_NSYNC___DSASP 323816	32.54 1.46 0.00	31.11 1.37 0.00	30.12 1.35 0.00	29.92 1.34 0.00	30.44 1.34 0.00	31.48 1.39 0.00	37.24 1.53 0.00	40.06 1.80 0.00	40.31 1.85 0.00	37.94 1.56 0.00	41.41 1.97 0.00	40.93 1.99 0.00	39.84 1.82 0.00	39.84 1.79 0.00	40.10 1.91 0.00	40.75 1.98 0.00	47.92 2.37 0.00	53.68 2.75 0.00	51.34 2.68 0.00	48.79 2.50 0.00	41.41 2.08 0.00	39.61 1.74 0.00	37.57 1.41 0.00	37.12 1.36 0.00
V_F_30_SYNC_DSASP 323786	31.89 0.81 0.00	30.55 0.80 0.00	29.63 0.86 0.00	29.44 0.86 0.00	29.94 0.84 0.00	30.67 0.57 0.00	36.46 0.75 0.00	39.21 0.96 0.00	39.61 1.15 0.00	37.25 0.87 0.00	40.62 1.18 0.00	40.19 1.25 0.00	39.19 1.18 0.00	39.20 1.14 0.00	39.45 1.26 0.00	40.05 1.28 0.00	47.10 1.55 0.00	52.61 1.68 0.00	50.18 1.51 0.00	47.78 1.48 0.00	40.55 1.22 0.00	38.81 0.95 0.00	36.89 0.72 0.00	36.45 0.68 0.00
V_XM_10_SYNC_DSASP 323789	32.63 1.55 0.00	31.35 1.61 0.00	30.23 1.47 0.00	29.98 1.40 0.00	30.50 1.40 0.00	31.75 1.65 0.00	37.03 1.32 0.00	39.33 1.07 0.00	39.61 1.15 0.00	37.58 1.20 0.00	40.42 0.99 0.00	39.88 0.93 0.00	39.04 1.03 0.00	38.97 0.91 0.00	39.07 0.88 0.00	39.70 0.93 0.00	46.78 1.23 0.00	52.41 1.48 0.00	50.23 1.56 0.00	47.45 1.16 0.00	40.39 1.06 0.00	39.07 1.21 0.00	37.54 1.37 0.00	37.70 1.93 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.29 1.21 0.00	30.78 1.04 0.00	29.80 1.04 0.00	29.61 1.03 0.00	30.15 1.05 0.00	31.15 1.05 0.00	37.28 1.57 0.00	40.48 2.22 0.00	40.96 2.50 0.00	38.45 2.07 0.00	41.88 2.45 0.00	41.51 2.57 0.00	40.45 2.43 0.00	40.42 2.36 0.00	40.64 2.44 0.00	41.25 2.48 0.00	48.51 2.96 0.00	54.44 3.51 0.00	51.69 3.02 0.00	49.40 3.10 0.00	41.85 2.52 0.00	39.87 2.01 0.00	37.87 1.70 0.00	37.38 1.61 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.45 1.37 0.00	30.93 1.19 0.00	29.97 1.21 0.00	29.78 1.20 0.00	30.32 1.22 0.00	31.30 1.20 0.00	37.53 1.82 0.00	40.86 2.60 0.00	41.42 2.96 0.00	38.89 2.51 0.00	42.35 2.92 0.00	41.94 3.00 0.00	40.90 2.89 0.00	40.83 2.78 0.00	41.06 2.86 0.00	41.68 2.91 0.00	49.10 3.55 0.00	55.00 4.07 0.00	52.12 3.46 0.00	49.95 3.66 0.00	42.20 2.87 0.00	40.25 2.39 0.00	38.23 2.06 0.00	37.73 1.97 0.00
W50THST__13_KV_LOAD 356117	32.60 1.52 0.00	31.05 1.31 0.00	30.09 1.32 0.00	29.89 1.31 0.00	30.44 1.34 0.00	31.45 1.35 0.00	37.71 2.00 0.00	41.09 2.83 0.00	41.61 3.15 0.00	39.11 2.73 0.00	42.59 3.15 0.00	42.22 3.27 0.00	41.13 3.12 0.00	41.10 3.04 0.00	41.25 3.06 0.00	41.87 3.10 0.00	49.42 3.87 0.00	55.26 4.33 0.00	52.32 3.65 0.00	50.14 3.84 0.00	42.36 3.03 0.00	40.36 2.50 0.00	38.41 2.24 0.00	37.95 2.18 0.00
WADING RIVER_IC_1 23522	41.60 2.43 -8.09	37.83 2.32 -5.77	34.10 2.25 -3.09	32.67 2.23 -1.86	33.51 2.27 -2.13	38.69 2.32 -6.27	48.13 3.03 -9.39	52.54 3.83 -10.46	51.95 4.07 -9.41	53.99 3.82 -13.79	67.45 4.26 -23.75	69.46 4.17 -26.35	64.12 4.11 -22.00	63.59 4.03 -21.50	60.62 4.16 -18.26	68.15 4.15 -25.23	71.76 5.01 -21.20	89.69 5.96 -32.80	89.16 5.40 -35.09	75.38 5.32 -23.77	68.07 4.25 -24.50	61.83 3.86 -20.10	54.88 3.18 -15.53	52.69 3.25 -13.67
WADING RIVER_IC_2 23547	41.60 2.43 -8.09	37.83 2.32 -5.77	34.10 2.25 -3.09	32.67 2.23 -1.86	33.51 2.27 -2.13	38.69 2.32 -6.27	48.13 3.03 -9.39	52.54 3.83 -10.46	51.95 4.07 -9.41	53.99 3.82 -13.79	67.45 4.26 -23.75	69.46 4.17 -26.35	64.12 4.11 -22.00	63.59 4.03 -21.50	60.62 4.16 -18.26	68.15 4.15 -25.23	71.76 5.01 -21.20	89.69 5.96 -32.80	89.16 5.40 -35.09	75.38 5.32 -23.77	68.07 4.25 -24.50	61.83 3.86 -20.10	54.88 3.18 -15.53	52.69 3.25 -13.67
WADING RIVER_IC_3 23601	41.60 2.43 -8.09	37.83 2.32 -5.77	34.10 2.25 -3.09	32.67 2.23 -1.86	33.51 2.27 -2.13	38.69 2.32 -6.27	48.13 3.03 -9.39	52.54 3.83 -10.46	51.95 4.07 -9.41	53.99 3.82 -13.79	67.45 4.26 -23.75	69.46 4.17 -26.35	64.12 4.11 -22.00	63.59 4.03 -21.50	60.62 4.16 -18.26	68.15 4.15 -25.23	71.76 5.01 -21.20	89.69 5.96 -32.80	89.16 5.40 -35.09	75.38 5.32 -23.77	68.07 4.25 -24.50	61.83 3.86 -20.10	54.88 3.18 -15.53	52.69 3.25 -13.67

WALDENNY_12_KV_BK2 80841	29.53 -1.55 0.00	28.14 -1.61 0.00	26.72 -2.04 0.00	26.55 -2.03 0.00	27.09 -2.01 0.00	28.99 -1.11 0.00	33.71 -2.00 0.00	36.15 -2.10 0.00	36.19 -2.27 0.00	33.69 -2.69 0.00	36.36 -3.08 0.00	36.26 -2.69 0.00	35.16 -2.85 0.00	35.81 -2.25 0.00	35.86 -2.33 0.00	36.21 -2.56 0.00	41.86 -3.69 0.00	47.11 -3.82 0.00	44.82 -3.84 0.00	42.31 -3.98 0.00	36.73 -2.60 0.00	34.68 -3.18 0.00	33.16 -3.00 0.00	32.94 -2.83 0.00
WALDEN___HYDRO 24148	32.29 1.21 0.00	30.81 1.07 0.00	29.83 1.06 0.00	29.64 1.06 0.00	30.12 1.02 0.00	31.09 0.99 0.00	37.21 1.50 0.00	40.25 1.99 0.00	40.69 2.23 0.00	38.20 1.82 0.00	41.57 2.13 0.00	41.20 2.26 0.00	40.14 2.13 0.00	40.11 2.06 0.00	40.33 2.14 0.00	40.98 2.21 0.00	48.24 2.69 0.00	54.14 3.21 0.00	51.49 2.82 0.00	49.17 2.87 0.00	41.65 2.32 0.00	39.68 1.82 0.00	37.76 1.59 0.00	37.27 1.50 0.00
WARRENSBURG____ 23737	32.54 1.46 0.00	31.11 1.37 0.00	30.12 1.35 0.00	29.92 1.34 0.00	30.44 1.34 0.00	31.57 1.47 0.00	36.71 1.00 0.00	39.48 1.22 0.00	39.77 1.31 0.00	37.40 1.02 0.00	40.82 1.38 0.00	40.34 1.40 0.00	39.19 1.18 0.00	39.24 1.18 0.00	39.49 1.30 0.00	40.13 1.36 0.00	47.24 1.69 0.00	53.02 2.09 0.00	50.76 2.09 0.00	48.15 1.85 0.00	40.86 1.53 0.00	39.00 1.13 0.00	36.96 0.79 0.00	36.48 0.72 0.00
WATERSIDE____6 8 9 23538	32.48 1.40 0.00	30.93 1.19 0.00	29.94 1.18 0.00	29.75 1.17 0.00	30.32 1.22 0.00	31.24 1.14 0.00	37.42 1.71 0.00	40.78 2.53 0.00	41.45 3.00 0.01	38.85 2.47 0.00	42.35 2.92 0.00	41.94 3.00 0.00	40.93 2.93 0.01	40.83 2.78 0.00	39.90 2.98 1.28	41.17 3.02 0.62	49.06 3.51 0.00	53.34 4.18 1.76	38.27 3.55 13.95	48.05 3.75 2.00	40.81 2.95 1.47	38.51 2.50 1.85	38.26 2.10 0.00	37.87 2.11 0.00
WATKINRD_115KV_LN8_ILLION 55919	31.30 0.22 0.00	29.89 0.15 0.00	28.91 0.14 0.00	28.72 0.14 0.00	29.25 0.15 0.00	30.22 0.12 0.00	35.92 0.21 0.00	38.64 0.38 0.00	38.85 0.38 0.00	36.71 0.33 0.00	39.83 0.39 0.00	39.37 0.43 0.00	38.43 0.42 0.00	38.47 0.42 0.00	38.65 0.46 0.00	39.24 0.47 0.00	46.14 0.59 0.00	51.64 0.71 0.00	49.30 0.63 0.00	46.94 0.65 0.00	39.84 0.51 0.00	38.24 0.38 0.00	36.53 0.36 0.00	36.09 0.32 0.00
WATSON____69_KV_BK 1 55734	41.78 2.61 -8.09	37.92 2.41 -5.77	34.21 2.36 -3.09	32.78 2.34 -1.86	33.62 2.39 -2.13	38.81 2.44 -6.27	48.35 3.25 -9.39	52.96 4.25 -10.46	52.41 4.54 -9.41	54.21 4.04 -13.79	67.72 4.54 -23.75	69.89 4.60 -26.35	64.46 4.45 -22.00	63.97 4.41 -21.50	61.00 4.55 -18.26	68.61 4.61 -25.23	72.26 5.51 -21.20	90.30 6.57 -32.80	89.65 5.89 -35.09	75.85 5.79 -23.77	68.54 4.72 -24.50	62.05 4.09 -20.10	55.21 3.51 -15.53	52.77 3.33 -13.67
WDELAWARE____HYD 323627	32.63 1.55 0.00	31.11 1.37 0.00	30.09 1.32 0.00	29.89 1.32 0.00	30.29 1.19 0.00	31.30 1.21 0.00	37.57 1.86 0.00	40.55 2.30 0.00	40.92 2.46 0.00	38.38 2.00 0.00	41.84 2.41 0.00	41.47 2.53 0.00	40.41 2.40 0.00	40.38 2.32 0.00	40.60 2.41 0.00	41.29 2.52 0.00	48.60 3.05 0.00	54.60 3.67 0.00	51.98 3.31 0.00	49.63 3.34 0.00	42.04 2.71 0.00	40.13 2.27 0.00	38.12 1.95 0.00	37.59 1.82 0.00
WEST BABYLON____IC 23714	41.60 2.42 -8.09	37.74 2.23 -5.77	34.04 2.19 -3.09	32.58 2.14 -1.86	33.42 2.18 -2.13	38.63 2.26 -6.27	48.14 3.04 -9.39	52.69 3.98 -10.46	52.14 4.27 -9.41	53.92 3.75 -13.79	67.45 4.26 -23.75	69.61 4.32 -26.35	64.19 4.18 -22.00	63.71 4.15 -21.50	60.69 4.24 -18.26	68.34 4.34 -25.23	71.90 5.15 -21.20	89.84 6.11 -32.80	89.21 5.45 -35.09	75.48 5.42 -23.77	68.23 4.40 -24.49	61.79 3.82 -20.10	54.96 3.25 -15.53	52.55 3.11 -13.67
WEST CANADA____HYD 24049	31.24 0.16 0.00	29.86 0.12 0.00	28.91 0.14 0.00	28.72 0.14 0.00	29.22 0.12 0.00	30.22 0.12 0.00	35.93 0.22 0.00	38.60 0.34 0.00	38.77 0.31 0.00	36.64 0.26 0.00	39.79 0.35 0.00	39.33 0.39 0.00	38.36 0.34 0.00	38.40 0.34 0.00	38.58 0.38 0.00	39.16 0.39 0.00	46.01 0.46 0.00	51.49 0.56 0.00	49.16 0.49 0.00	46.81 0.51 0.00	39.72 0.39 0.00	38.16 0.30 0.00	36.42 0.25 0.00	35.98 0.22 0.00
WESTERN_NY_WIND 24143	29.74 -1.34 0.00	28.26 -1.49 0.00	26.92 -1.84 0.00	26.72 -1.86 0.00	27.30 -1.80 0.00	29.17 -0.93 0.00	34.03 -1.68 0.00	36.61 -1.65 0.00	36.73 -1.73 0.00	34.16 -2.22 0.00	36.79 -2.64 0.00	36.69 -2.26 0.00	35.54 -2.47 0.00	36.19 -1.86 0.00	36.25 -1.95 0.00	36.72 -2.05 0.00	42.55 -3.01 0.00	47.87 -3.06 0.00	45.60 -3.07 0.00	43.05 -3.24 0.00	37.25 -2.08 0.00	35.17 -2.69 0.00	33.56 -2.60 0.00	33.30 -2.47 0.00
WESTOVER____LESR 323668	31.21 0.12 0.00	29.80 0.06 0.00	28.71 -0.06 0.00	28.52 -0.06 0.00	29.13 0.03 0.00	30.37 0.27 0.00	36.00 0.29 0.00	39.02 0.77 0.00	39.23 0.77 0.00	36.93 0.55 0.00	40.07 0.63 0.00	39.65 0.70 0.00	38.58 0.57 0.00	38.74 0.69 0.00	38.92 0.73 0.00	39.47 0.70 0.00	46.33 0.77 0.00	52.00 1.07 0.00	49.55 0.88 0.00	47.08 0.79 0.00	40.12 0.79 0.00	38.28 0.42 0.00	36.46 0.29 0.00	36.09 0.32 0.00
WETHRSFD_WT_PWR 323626	29.84 -1.24 0.00	28.43 -1.31 0.00	27.13 -1.64 0.00	26.98 -1.60 0.00	27.88 -1.22 0.00	29.23 -0.87 0.00	34.14 -1.57 0.00	36.65 -1.61 0.00	36.19 -2.27 0.00	33.98 -2.40 0.00	37.35 -2.09 0.00	36.88 -2.07 0.00	35.73 -2.28 0.00	36.27 -1.79 0.00	36.36 -1.83 0.00	36.91 -1.86 0.00	42.77 -2.78 0.00	48.13 -2.80 0.00	45.90 -2.77 0.00	43.47 -2.83 0.00	37.44 -1.89 0.00	35.71 -2.16 0.00	33.85 -2.32 0.00	33.62 -2.15 0.00
WHAVSTOR_138KV_BK127 55557	32.20 1.12 0.00	30.69 0.95 0.00	29.71 0.95 0.00	29.52 0.94 0.00	30.06 0.96 0.00	31.06 0.96 0.00	37.17 1.46 0.00	40.36 2.10 0.00	40.85 2.38 0.00	38.38 2.00 0.00	41.76 2.33 0.00	41.40 2.45 0.00	40.33 2.32 0.00	40.30 2.25 0.00	40.52 2.33 0.00	41.14 2.37 0.00	48.38 2.82 0.00	54.29 3.36 0.00	51.54 2.87 0.00	49.26 2.96 0.00	41.73 2.40 0.00	39.76 1.89 0.00	37.76 1.59 0.00	37.30 1.54 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.20 1.12 0.00	30.69 0.95 0.00	29.71 0.95 0.00	29.52 0.94 0.00	30.06 0.96 0.00	31.06 0.96 0.00	37.17 1.46 0.00	40.36 2.10 0.00	40.85 2.38 0.00	38.38 2.00 0.00	41.76 2.33 0.00	41.40 2.45 0.00	40.33 2.32 0.00	40.30 2.25 0.00	40.52 2.33 0.00	41.14 2.37 0.00	48.38 2.82 0.00	54.29 3.36 0.00	51.54 2.87 0.00	49.26 2.96 0.00	41.73 2.40 0.00	39.76 1.89 0.00	37.76 1.59 0.00	37.30 1.54 0.00
WHITEHAL_115KV_TB1 80871	32.98 1.90 0.00	31.50 1.75 0.00	30.52 1.75 0.00	30.32 1.74 0.00	30.87 1.78 0.00	32.06 1.96 0.00	37.46 1.75 0.00	40.29 2.03 0.00	40.65 2.19 0.00	38.13 1.75 0.00	41.57 2.13 0.00	41.09 2.14 0.00	39.91 1.90 0.00	39.96 1.90 0.00	40.22 2.02 0.00	40.90 2.13 0.00	48.15 2.60 0.00	54.19 3.26 0.00	51.88 3.21 0.00	49.17 2.87 0.00	41.73 2.40 0.00	39.64 1.78 0.00	37.58 1.41 0.00	37.09 1.32 0.00

WHITEPLN_13_KV_LOAD 356215	32.60 1.52 0.00	31.08 1.34 0.00	30.09 1.32 0.00	29.89 1.31 0.00	30.41 1.31 0.00	31.39 1.29 0.00	37.60 1.89 0.00	41.01 2.75 0.00	41.58 3.12 0.00	39.00 2.62 0.00	42.47 3.04 0.00	42.10 3.15 0.00	41.02 3.00 0.00	40.99 2.93 0.00	41.21 3.02 0.00	41.87 3.10 0.00	49.29 3.74 0.00	55.26 4.33 0.00	52.51 3.84 0.00	50.18 3.89 0.00	42.36 3.03 0.00	40.32 2.46 0.00	38.30 2.13 0.00	37.84 2.07 0.00
WM_FLOYD_69_KV_BK2 356380	41.63 2.46 -8.09	37.80 2.29 -5.77	34.09 2.24 -3.09	32.66 2.23 -1.86	33.50 2.27 -2.13	38.69 2.32 -6.27	48.17 3.07 -9.39	52.65 3.94 -10.46	52.14 4.27 -9.41	54.06 3.89 -13.79	67.49 4.30 -23.75	69.57 4.28 -26.35	64.19 4.18 -22.00	63.71 4.15 -21.50	60.73 4.28 -18.26	68.27 4.26 -25.23	71.94 5.19 -21.20	89.94 6.21 -32.80	89.36 5.60 -35.09	75.57 5.51 -23.77	68.19 4.37 -24.50	61.79 3.82 -20.10	54.96 3.25 -15.53	52.62 3.18 -13.67
WOODARD__115KV_TB2 355635	30.43 -0.65 0.00	29.06 -0.68 0.00	28.07 -0.69 0.00	27.89 -0.69 0.00	28.43 -0.67 0.00	29.53 -0.57 0.00	34.96 -0.75 0.00	37.65 -0.61 0.00	37.88 -0.58 0.00	35.73 -0.65 0.00	38.77 -0.67 0.00	38.36 -0.58 0.00	37.37 -0.65 0.00	37.45 -0.61 0.00	37.62 -0.57 0.00	38.15 -0.62 0.00	44.78 -0.77 0.00	50.17 -0.76 0.00	47.89 -0.78 0.00	45.46 -0.83 0.00	38.70 -0.63 0.00	37.03 -0.83 0.00	35.30 -0.87 0.00	34.87 -0.89 0.00
YORK___WARBASSE 23770	32.63 1.55 0.00	31.05 1.31 0.00	30.06 1.29 0.00	29.86 1.29 0.00	30.44 1.34 0.00	31.33 1.23 0.00	37.60 1.89 0.00	40.94 2.68 0.00	41.67 3.15 -0.06	39.00 2.62 0.00	42.51 3.08 0.00	42.10 3.15 0.00	41.15 3.08 -0.06	40.99 2.93 0.00	50.33 3.21 -8.93	46.36 3.22 -4.37	49.24 3.69 0.00	67.71 4.43 -12.35	150.20 3.84 -97.69	64.31 4.03 -13.99	52.75 3.15 -10.27	53.53 2.69 -12.98	38.48 2.31 0.00	38.15 2.36 -0.02