

# Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion										09/01/2024	
Name	PTID	00:00 EDT	01:00 EDT	02:00 EDT	03:00 EDT	04:00 EDT	05:00 EDT	06:00 EDT	07:00 EDT	08:00 EDT	09:00 EDT	10:00 EDT	11:00 EDT	12:00 EDT	13:00 EDT	14:00 EDT	15:00 EDT	16:00 EDT	17:00 EDT	18:00 EDT	19:00 EDT	20:00 EDT	21:00 EDT	22:00 EDT	23:00 EDT								
59TH STREET_GT_1 24138		28.71 1.80 0.00	26.60 1.31 0.00	24.78 1.22 0.00	23.52 1.18 0.00	23.48 1.20 0.00	23.48 1.22 0.00	24.51 1.32 0.00	24.95 1.48 0.00	25.86 1.62 0.00	27.34 1.91 0.00	27.58 2.04 0.00	29.07 2.28 0.00	29.55 2.57 0.00	29.95 2.82 0.00	30.03 2.90 0.00	33.16 3.28 -0.07	36.41 3.46 0.00	44.96 4.09 0.00	43.26 3.52 -1.50	40.90 3.21 -1.20	39.10 3.02 -0.10	33.94 2.54 0.00	31.12 2.28 0.00	28.64 1.87 0.00								
74TH STREET_GT_1 24260		28.76 1.86 0.00	26.62 1.34 0.00	24.80 1.25 0.00	23.57 1.23 0.00	23.52 1.25 0.00	23.52 1.27 0.00	24.55 1.37 0.00	25.00 1.53 0.00	25.89 1.65 0.00	27.29 1.86 0.00	27.61 2.07 0.00	29.10 2.30 0.00	29.61 2.62 0.00	29.97 2.85 0.00	30.06 2.93 0.00	33.22 3.34 -0.07	36.47 3.53 0.00	45.04 4.17 0.00	43.30 3.56 -1.50	41.01 3.32 -1.20	39.21 3.13 -0.10	34.03 2.64 0.00	31.18 2.34 0.00	28.70 1.93 0.00								
74TH STREET_GT_2 24261		28.76 1.86 0.00	26.62 1.34 0.00	24.80 1.25 0.00	23.57 1.23 0.00	23.52 1.25 0.00	23.52 1.27 0.00	24.55 1.37 0.00	25.00 1.53 0.00	25.89 1.65 0.00	27.29 1.86 0.00	27.61 2.07 0.00	29.10 2.30 0.00	29.61 2.62 0.00	29.97 2.85 0.00	30.06 2.93 0.00	33.22 3.34 -0.07	36.47 3.53 0.00	45.04 4.17 0.00	43.30 3.56 -1.50	41.01 3.32 -1.20	39.21 3.13 -0.10	34.03 2.64 0.00	31.18 2.34 0.00	28.70 1.93 0.00								
ADK HUDSON___FALLS 24011		28.87 1.96 0.00	27.05 1.77 0.00	25.13 1.58 0.00	23.86 1.52 0.00	23.81 1.54 0.00	23.84 1.58 0.00	24.90 1.72 0.00	25.04 1.57 0.00	26.13 1.89 0.00	27.44 2.01 0.00	27.40 1.86 0.00	28.78 1.98 0.00	28.93 1.94 0.00	29.16 2.03 0.00	29.21 2.09 0.00	32.20 2.30 -0.10	35.58 2.64 0.00	44.31 3.43 0.00	48.54 3.71 -6.59	45.32 3.54 -5.29	40.79 3.67 -1.14	34.54 3.14 0.00	31.58 2.74 0.00	28.94 2.17 0.00								
ADK RESOURCE___RCVRY 23798		29.03 2.13 0.00	27.20 1.92 0.00	25.25 1.70 0.00	23.97 1.63 0.00	23.92 1.65 0.00	23.97 1.71 0.00	25.02 1.83 0.00	25.14 1.67 0.00	26.30 2.06 0.00	27.64 2.21 0.00	27.53 1.99 0.00	28.94 2.14 0.00	29.07 2.08 0.00	29.32 2.20 0.00	29.35 2.22 0.00	32.35 2.44 -0.10	35.78 2.83 0.00	44.56 3.68 0.00	48.84 3.98 -6.62	45.63 3.83 -5.32	41.08 3.96 -1.15	34.79 3.39 0.00	31.78 2.94 0.00	29.10 2.33 0.00								
ADK S GLENS___FALLS 24028		28.87 1.96 0.00	27.05 1.77 0.00	25.13 1.58 0.00	23.86 1.52 0.00	23.81 1.54 0.00	23.84 1.58 0.00	24.90 1.72 0.00	25.04 1.57 0.00	26.13 1.89 0.00	27.44 2.01 0.00	27.40 1.86 0.00	28.78 1.98 0.00	28.93 1.94 0.00	29.16 2.03 0.00	29.21 2.09 0.00	32.20 2.30 -0.10	35.58 2.64 0.00	44.31 3.43 0.00	48.54 3.71 -6.59	45.32 3.54 -5.29	40.79 3.67 -1.14	34.54 3.14 0.00	31.58 2.74 0.00	28.94 2.17 0.00								
ADK_NYS___DAM 23527		28.14 1.24 0.00	26.32 1.04 0.00	24.56 1.01 0.00	23.35 1.01 0.00	23.39 1.11 0.00	23.37 1.11 0.00	24.39 1.20 0.00	24.74 1.27 0.00	25.67 1.43 0.00	26.98 1.55 0.00	27.15 1.61 0.00	28.51 1.72 0.00	28.88 1.89 0.00	29.16 2.04 0.00	29.19 2.06 0.00	32.23 2.33 -0.09	35.49 2.54 0.00	43.90 3.02 0.00	46.08 2.72 -5.13	43.19 2.59 -4.12	39.26 2.45 -0.83	33.53 2.14 0.00	30.74 1.90 0.00	28.32 1.55 0.00								
AIR_PRODUCTS___DRP 24190		27.09 0.19 0.00	25.38 0.10 0.00	23.65 0.09 0.00	22.52 0.18 0.00	22.50 0.22 0.00	22.50 0.24 0.00	23.46 0.28 0.00	23.75 0.28 0.00	24.63 0.39 0.00	25.76 0.33 0.00	26.00 0.46 0.00	27.25 0.46 0.00	27.58 0.59 0.00	27.80 0.68 0.00	27.86 0.73 0.00	30.74 0.83 -0.09	33.87 0.92 0.00	41.94 1.06 0.00	43.32 0.92 -4.16	40.70 0.88 -3.34	37.39 0.79 -0.62	32.06 0.66 0.00	29.39 0.55 0.00	27.14 0.37 0.00								
AKWESSNE_115KV_BK 355683		26.64 -0.27 0.00	25.28 0.00 0.00	23.55 0.00 0.00	22.32 -0.02 0.00	22.25 -0.02 0.00	22.17 -0.09 0.00	23.12 -0.07 0.00	23.35 -0.12 0.00	24.12 -0.12 0.00	25.38 -0.05 0.00	25.46 -0.08 0.00	26.56 -0.24 0.00	26.50 -0.49 0.00	26.50 -0.62 0.00	26.45 -0.68 0.00	28.92 -0.89 0.00	32.03 -0.92 0.00	39.93 -0.94 0.00	37.36 -0.88 0.00	35.72 -0.77 0.00	35.36 -0.61 0.00	30.86 -0.53 0.00	28.41 -0.43 0.00	26.61 -0.16 0.00								
ALBANY_1_SOLAR 323833		27.69 0.78 0.00	25.97 0.68 0.00	24.16 0.61 0.00	22.96 0.62 0.00	22.92 0.65 0.00	22.92 0.67 0.00	23.91 0.72 0.00	24.08 0.61 0.00	24.97 0.73 0.00	26.12 0.69 0.00	26.20 0.66 0.00	27.44 0.64 0.00	27.74 0.75 0.00	27.97 0.84 0.00	27.99 0.87 0.00	30.91 1.01 -0.09	34.17 1.22 0.00	42.51 1.64 0.00	43.31 1.64 -3.43	40.81 1.57 -2.75	37.99 1.55 -0.47	32.75 1.35 0.00	29.99 1.15 0.00	27.68 0.91 0.00								
ALBANY_2_SOLAR 323834		27.69 0.78 0.00	25.94 0.66 0.00	24.16 0.61 0.00	22.96 0.62 0.00	22.92 0.65 0.00	22.92 0.67 0.00	23.88 0.69 0.00	24.08 0.61 0.00	24.97 0.73 0.00	26.12 0.69 0.00	26.20 0.66 0.00	27.44 0.64 0.00	27.72 0.73 0.00	27.97 0.84 0.00	27.97 0.84 0.00	30.91 1.01 -0.09	34.17 1.22 0.00	42.51 1.64 0.00	43.27 1.61 -3.43	40.80 1.57 -2.75	37.95 1.51 -0.47	32.71 1.32 0.00	29.99 1.15 0.00	27.68 0.91 0.00								
ALBANY___1 23571		27.09 0.19 0.00	25.38 0.10 0.00	23.65 0.09 0.00	22.52 0.18 0.00	22.50 0.22 0.00	22.50 0.24 0.00	23.46 0.28 0.00	23.75 0.28 0.00	24.63 0.39 0.00	25.76 0.33 0.00	26.00 0.46 0.00	27.25 0.46 0.00	27.58 0.59 0.00	27.80 0.68 0.00	27.86 0.73 0.00	30.74 0.83 -0.09	33.87 0.92 0.00	41.94 1.06 0.00	43.32 0.92 -4.16	40.70 0.88 -3.34	37.39 0.79 -0.62	32.06 0.66 0.00	29.39 0.55 0.00	27.14 0.37 0.00								



ALBANY___2 23572	27.09 0.19 0.00	25.38 0.10 0.00	23.65 0.09 0.00	22.52 0.18 0.00	22.50 0.22 0.00	22.50 0.24 0.00	23.46 0.28 0.00	23.75 0.28 0.00	24.63 0.39 0.00	25.76 0.33 0.00	26.00 0.46 0.00	27.25 0.46 0.00	27.58 0.59 0.00	27.80 0.68 0.00	27.86 0.73 0.00	30.74 0.83 -0.09	33.87 0.92 0.00	41.94 1.06 0.00	43.32 0.92 -4.16	40.70 0.88 -3.34	37.39 0.79 -0.62	32.06 0.66 0.00	29.39 0.55 0.00	27.14 0.37 0.00
ALBANY___3 23573	27.09 0.19 0.00	25.38 0.10 0.00	23.65 0.09 0.00	22.52 0.18 0.00	22.50 0.22 0.00	22.50 0.24 0.00	23.46 0.28 0.00	23.75 0.28 0.00	24.63 0.39 0.00	25.76 0.33 0.00	26.00 0.46 0.00	27.25 0.46 0.00	27.58 0.59 0.00	27.80 0.68 0.00	27.86 0.73 0.00	30.74 0.83 -0.09	33.87 0.92 0.00	41.94 1.06 0.00	43.32 0.92 -4.16	40.70 0.88 -3.34	37.39 0.79 -0.62	32.06 0.66 0.00	29.39 0.55 0.00	27.14 0.37 0.00
ALBANY___4 23574	27.09 0.19 0.00	25.38 0.10 0.00	23.65 0.09 0.00	22.52 0.18 0.00	22.50 0.22 0.00	22.50 0.24 0.00	23.46 0.28 0.00	23.75 0.28 0.00	24.63 0.39 0.00	25.76 0.33 0.00	26.00 0.46 0.00	27.25 0.46 0.00	27.58 0.59 0.00	27.80 0.68 0.00	27.86 0.73 0.00	30.74 0.83 -0.09	33.87 0.92 0.00	41.94 1.06 0.00	43.32 0.92 -4.16	40.70 0.88 -3.34	37.39 0.79 -0.62	32.06 0.66 0.00	29.39 0.55 0.00	27.14 0.37 0.00
ALBANY___LFGE 323615	27.36 0.46 0.00	25.61 0.33 0.00	23.86 0.31 0.00	22.72 0.38 0.00	22.68 0.40 0.00	22.70 0.44 0.00	23.67 0.49 0.00	23.91 0.44 0.00	24.85 0.61 0.00	26.04 0.61 0.00	26.20 0.66 0.00	27.52 0.72 0.00	27.85 0.86 0.00	28.10 0.98 0.00	28.13 1.00 0.00	31.04 1.13 -0.09	34.20 1.25 0.00	42.34 1.47 0.00	44.51 1.34 -4.94	41.72 1.28 -3.96	37.95 1.19 -0.79	32.40 1.00 0.00	29.70 0.86 0.00	27.41 0.64 0.00
ALCOA_PA_115KV_PL-6C 55860	26.74 -0.16 0.00	25.38 0.10 0.00	23.65 0.09 0.00	22.41 0.07 0.00	22.32 0.04 0.00	22.26 0.00 0.00	23.21 0.02 0.00	23.45 -0.02 0.00	24.17 -0.07 0.00	25.46 0.03 0.00	25.56 0.03 0.00	26.64 -0.16 0.00	26.58 -0.40 0.00	26.56 -0.57 0.00	26.48 -0.65 0.00	28.97 -0.83 0.00	32.09 -0.86 0.00	40.02 -0.86 0.00	37.48 -0.76 0.00	35.83 -0.66 0.00	35.47 -0.50 0.00	30.96 -0.44 0.00	28.49 -0.35 0.00	26.72 -0.05 0.00
ALCOA_RYNLDS___DRP 24188	26.74 -0.16 0.00	25.38 0.10 0.00	23.65 0.09 0.00	22.41 0.07 0.00	22.32 0.04 0.00	22.26 0.00 0.00	23.21 0.02 0.00	23.45 -0.02 0.00	24.17 -0.07 0.00	25.46 0.03 0.00	25.56 0.03 0.00	26.64 -0.16 0.00	26.58 -0.40 0.00	26.56 -0.57 0.00	26.48 -0.65 0.00	28.97 -0.83 0.00	32.09 -0.86 0.00	40.02 -0.86 0.00	37.48 -0.76 0.00	35.83 -0.66 0.00	35.47 -0.50 0.00	30.96 -0.44 0.00	28.49 -0.35 0.00	26.72 -0.05 0.00
ALCOA___DSASP 323711	26.72 -0.19 0.00	25.38 0.10 0.00	23.65 0.09 0.00	22.41 0.07 0.00	22.32 0.04 0.00	22.26 0.00 0.00	23.21 0.02 0.00	23.42 -0.05 0.00	24.17 -0.07 0.00	25.46 0.03 0.00	25.56 0.03 0.00	26.64 -0.16 0.00	26.58 -0.40 0.00	26.53 -0.60 0.00	26.47 -0.65 0.00	28.97 -0.83 0.00	32.09 -0.86 0.00	40.01 -0.86 0.00	37.48 -0.76 0.00	35.83 -0.66 0.00	35.47 -0.50 0.00	30.96 -0.44 0.00	28.50 -0.34 0.00	26.72 -0.05 0.00
ALLEGHENY___COGEN 23514	27.42 0.51 0.00	25.48 0.20 0.00	23.62 0.07 0.00	22.30 -0.04 0.00	22.14 -0.13 0.00	22.14 -0.11 0.00	23.00 -0.19 0.00	23.33 -0.14 0.00	23.78 -0.46 0.00	24.80 -0.63 0.00	24.64 -0.89 0.00	25.94 -0.78 0.08	26.31 -0.65 0.03	26.50 -0.60 0.03	26.61 -0.52 0.00	29.24 -0.57 0.01	32.61 -0.26 0.07	37.61 -0.24 3.02	38.19 0.23 0.28	35.79 0.26 0.95	36.25 0.54 0.27	31.89 0.50 0.01	29.45 0.61 0.00	26.82 0.08 0.03
ALTAMONT_115KV_TB 2 55880	27.47 0.57 0.00	25.71 0.43 0.00	23.95 0.40 0.00	22.76 0.42 0.00	22.72 0.45 0.00	22.72 0.47 0.00	23.70 0.51 0.00	23.99 0.52 0.00	24.82 0.58 0.00	26.02 0.58 0.00	26.23 0.69 0.00	27.52 0.72 0.00	27.85 0.86 0.00	28.08 0.95 0.00	28.13 1.00 0.00	31.03 1.13 -0.09	34.20 1.25 0.00	42.39 1.51 0.00	43.19 1.34 -3.61	40.66 1.28 -2.90	37.66 1.19 -0.50	32.43 1.04 0.00	29.73 0.89 0.00	27.47 0.70 0.00
ALTONA_WT_PWR 323606	26.85 -0.05 0.00	25.43 0.15 0.00	23.69 0.14 0.00	22.41 0.07 0.00	22.32 0.04 0.00	22.23 -0.02 0.00	23.16 -0.02 0.00	23.38 -0.09 0.00	24.14 -0.10 0.00	25.48 0.05 0.00	25.54 0.00 0.00	26.48 -0.32 0.00	26.29 -0.70 0.00	26.12 -1.00 0.00	25.93 -1.19 0.00	28.23 -1.58 0.00	31.30 -1.65 0.00	39.41 -1.47 0.00	37.05 -1.19 0.00	35.54 -0.95 0.00	35.33 -0.65 0.00	30.89 -0.50 0.00	28.50 -0.34 0.00	26.77 0.00 0.00
AMERICAN_REF_FUEL 24010	25.67 -1.24 0.00	23.71 -1.57 0.00	22.02 -1.53 0.00	20.80 -1.54 0.00	20.60 -1.67 0.00	20.65 -1.60 0.00	21.31 -1.88 0.00	21.57 -1.90 0.00	22.03 -2.21 0.00	23.07 -2.36 0.00	23.01 -2.53 0.00	24.42 -2.28 0.09	24.82 -2.13 0.03	25.03 -2.06 0.03	25.20 -1.93 0.00	27.53 -2.27 0.01	30.27 -2.60 0.08	34.22 -3.76 2.89	34.68 -3.17 0.39	32.28 -3.06 1.14	33.01 -2.66 0.30	29.28 -2.10 0.01	27.11 -1.73 0.00	24.97 -1.77 0.03
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.10 0.19 0.00	24.95 -0.33 0.00	23.18 -0.38 0.00	21.83 -0.51 0.00	21.58 -0.69 0.00	21.68 -0.58 0.00	22.23 -0.95 0.00	22.55 -0.92 0.00	23.05 -1.19 0.00	24.19 -1.25 0.00	24.11 -1.43 0.00	25.10 -1.61 0.08	25.64 -1.32 0.03	25.88 -1.22 0.03	25.96 -1.17 0.00	28.25 -1.55 0.01	30.93 -1.94 0.07	35.14 -2.78 2.96	35.88 -2.07 0.29	33.65 -1.86 0.98	34.05 -1.65 0.27	30.54 -0.85 0.01	28.29 -0.55 0.00	25.86 -0.88 0.03
ARTHUR KILL_GT_1 23520	38.98 1.80 -10.27	26.73 1.44 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.54 1.34 -0.01	24.91 1.43 -0.01	38.97 1.55 -13.18	39.28 1.81 -12.04	39.30 1.92 -11.85	39.31 2.14 -10.37	39.28 2.43 -9.87	39.65 2.71 -9.81	39.65 2.79 -9.73	41.35 3.22 -8.32	40.48 3.39 -4.14	44.87 4.01 0.01	43.13 3.40 -1.49	41.38 3.17 -1.72	41.37 2.98 -2.41	39.33 2.45 -5.48	39.29 2.16 -8.28	38.98 1.82 -10.39
ARTHUR_KILL_2 23512	38.90 1.72 -10.27	26.65 1.36 -0.01	24.83 1.27 -0.01	23.60 1.25 -0.01	23.53 1.25 -0.01	23.50 1.25 0.00	24.47 1.27 -0.01	24.84 1.36 -0.01	38.90 1.48 -13.18	39.20 1.73 -12.04	39.20 1.81 -11.85	39.20 2.04 -10.37	39.20 2.35 -9.87	39.54 2.60 -9.81	39.54 2.69 -9.73	41.23 3.10 -8.32	40.35 3.26 -4.14	44.67 3.80 0.01	42.94 3.21 -1.49	41.23 3.03 -1.72	41.23 2.84 -2.41	39.20 2.32 -5.48	39.20 2.08 -8.28	38.90 1.74 -10.39
ARTHUR_KILL_3 23513	38.78 1.61 -10.26	26.37 1.09 0.00	24.56 1.01 0.00	23.35 1.01 0.00	23.30 1.03 0.00	23.30 1.05 0.00	24.33 1.14 -0.01	24.77 1.29 -0.01	38.84 1.43 -13.17	39.19 1.73 -12.03	39.22 1.84 -11.84	39.24 2.06 -10.38	39.22 2.38 -9.86	39.55 2.60 -9.82	39.55 2.69 -9.74	41.18 3.04 -8.33	40.29 3.20 -4.15	44.51 3.64 0.00	42.84 3.10 -1.50	41.09 2.88 -1.73	41.10 2.70 -2.42	39.16 2.29 -5.47	39.16 2.05 -8.27	38.81 1.66 -10.38



ARTHUR_KILL_COGEN 323718	38.98 1.80 -10.27	26.73 1.44 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.54 1.34 -0.01	24.91 1.43 -0.01	38.97 1.55 -13.18	39.28 1.81 -12.04	39.30 1.92 -11.85	39.31 2.14 -10.37	39.28 2.43 -9.87	39.65 2.71 -9.81	39.65 2.79 -9.73	41.35 3.22 -8.32	40.48 3.39 -4.14	44.87 4.01 0.01	43.13 3.40 -1.49	41.38 3.17 -1.72	41.37 2.98 -2.41	39.33 2.45 -5.48	39.29 2.16 -8.28	38.98 1.82 -10.39
ASHOKAN____ 23654	28.04 1.13 0.00	26.22 0.94 0.00	24.40 0.85 0.00	23.17 0.83 0.00	23.12 0.85 0.00	23.03 0.78 0.00	23.86 0.67 0.00	23.99 0.52 0.00	24.87 0.63 0.00	26.17 0.74 0.00	26.35 0.82 0.00	27.52 0.72 0.00	27.99 1.00 0.00	28.21 1.09 0.00	28.29 1.17 0.00	31.32 1.43 -0.08	34.69 1.75 0.00	43.45 2.58 0.00	42.74 1.84 -2.67	40.34 1.72 -2.14	37.81 1.51 -0.33	33.00 1.60 0.00	30.25 1.41 0.00	28.00 1.23 0.00
ASTORIA_EAST_ENERGY_CC1 323581	28.84 1.94 0.00	26.57 1.29 0.00	24.73 1.18 0.00	23.50 1.16 0.00	23.43 1.16 0.00	23.35 1.09 0.00	24.36 1.18 0.01	24.80 1.34 0.01	25.76 1.53 0.01	27.23 1.81 0.01	27.45 1.92 0.01	28.93 2.14 0.01	29.44 2.46 0.01	29.83 2.71 0.01	29.91 2.79 0.01	33.00 3.13 -0.06	36.23 3.29 0.01	44.67 3.80 0.01	42.94 3.21 -1.49	40.71 3.03 -1.20	38.91 2.84 -0.10	33.77 2.38 0.01	30.97 2.13 0.00	28.62 1.85 0.00
ASTORIA_EAST_ENERGY_CC2 323582	28.84 1.94 0.00	26.57 1.29 0.00	24.73 1.18 0.00	23.50 1.16 0.00	23.43 1.16 0.00	23.35 1.09 0.00	24.36 1.18 0.01	24.80 1.34 0.01	25.76 1.53 0.01	27.23 1.81 0.01	27.45 1.92 0.01	28.93 2.14 0.01	29.44 2.46 0.01	29.83 2.71 0.01	29.91 2.79 0.01	33.00 3.13 -0.06	36.23 3.29 0.01	44.67 3.80 0.01	42.94 3.21 -1.49	40.71 3.03 -1.20	38.91 2.84 -0.10	33.77 2.38 0.01	30.97 2.13 0.00	28.62 1.85 0.00
ASTORIA_GT2_1 24094	28.84 1.94 0.00	26.60 1.31 0.00	24.75 1.20 0.00	23.52 1.18 0.00	23.46 1.18 0.00	23.35 1.09 0.00	24.39 1.21 0.00	24.83 1.36 0.00	25.74 1.50 0.00	27.14 1.70 0.00	27.45 1.92 0.00	28.97 2.17 0.00	29.44 2.46 0.00	29.81 2.69 0.00	29.92 2.79 0.00	33.04 3.16 -0.07	36.24 3.29 0.00	44.68 3.80 0.00	42.99 3.25 -1.50	40.72 3.03 -1.20	38.96 2.88 -0.10	33.78 2.39 0.00	30.97 2.13 0.00	28.64 1.87 0.00
ASTORIA_GT2_2 24095	28.84 1.94 0.00	26.60 1.31 0.00	24.75 1.20 0.00	23.52 1.18 0.00	23.46 1.18 0.00	23.35 1.09 0.00	24.39 1.21 0.00	24.83 1.36 0.00	25.74 1.50 0.00	27.14 1.70 0.00	27.45 1.92 0.00	28.97 2.17 0.00	29.44 2.46 0.00	29.81 2.69 0.00	29.92 2.79 0.00	33.04 3.16 -0.07	36.24 3.29 0.00	44.68 3.80 0.00	42.99 3.25 -1.50	40.72 3.03 -1.20	38.96 2.88 -0.10	33.78 2.39 0.00	30.97 2.13 0.00	28.64 1.87 0.00
ASTORIA_GT2_3 24096	28.84 1.94 0.00	26.60 1.31 0.00	24.75 1.20 0.00	23.52 1.18 0.00	23.46 1.18 0.00	23.35 1.09 0.00	24.39 1.21 0.00	24.83 1.36 0.00	25.74 1.50 0.00	27.14 1.70 0.00	27.45 1.92 0.00	28.97 2.17 0.00	29.44 2.46 0.00	29.81 2.69 0.00	29.92 2.79 0.00	33.04 3.16 -0.07	36.24 3.29 0.00	44.68 3.80 0.00	42.99 3.25 -1.50	40.72 3.03 -1.20	38.96 2.88 -0.10	33.78 2.39 0.00	30.97 2.13 0.00	28.64 1.87 0.00
ASTORIA_GT2_4 24097	28.84 1.94 0.00	26.60 1.31 0.00	24.75 1.20 0.00	23.52 1.18 0.00	23.46 1.18 0.00	23.35 1.09 0.00	24.39 1.21 0.00	24.83 1.36 0.00	25.74 1.50 0.00	27.14 1.70 0.00	27.45 1.92 0.00	28.97 2.17 0.00	29.44 2.46 0.00	29.81 2.69 0.00	29.92 2.79 0.00	33.04 3.16 -0.07	36.24 3.29 0.00	44.68 3.80 0.00	42.99 3.25 -1.50	40.72 3.03 -1.20	38.96 2.88 -0.10	33.78 2.39 0.00	30.97 2.13 0.00	28.64 1.87 0.00
ASTORIA_GT3_1 24098	28.84 1.94 0.00	26.60 1.31 0.00	24.75 1.20 0.00	23.52 1.18 0.00	23.46 1.18 0.00	23.35 1.09 0.00	24.39 1.21 0.00	24.83 1.36 0.00	25.74 1.50 0.00	27.14 1.70 0.00	27.45 1.92 0.00	28.97 2.17 0.00	29.44 2.46 0.00	29.81 2.69 0.00	29.92 2.79 0.00	33.04 3.16 -0.07	36.24 3.29 0.00	44.68 3.80 0.00	42.99 3.25 -1.50	40.72 3.03 -1.20	38.96 2.88 -0.10	33.78 2.39 0.00	30.97 2.13 0.00	28.64 1.87 0.00
ASTORIA_GT3_2 24099	28.84 1.94 0.00	26.60 1.31 0.00	24.75 1.20 0.00	23.52 1.18 0.00	23.46 1.18 0.00	23.35 1.09 0.00	24.39 1.21 0.00	24.83 1.36 0.00	25.74 1.50 0.00	27.14 1.70 0.00	27.45 1.92 0.00	28.97 2.17 0.00	29.44 2.46 0.00	29.81 2.69 0.00	29.92 2.79 0.00	33.04 3.16 -0.07	36.24 3.29 0.00	44.68 3.80 0.00	42.99 3.25 -1.50	40.72 3.03 -1.20	38.96 2.88 -0.10	33.78 2.39 0.00	30.97 2.13 0.00	28.64 1.87 0.00
ASTORIA_GT3_3 24100	28.84 1.94 0.00	26.60 1.31 0.00	24.75 1.20 0.00	23.52 1.18 0.00	23.46 1.18 0.00	23.35 1.09 0.00	24.39 1.21 0.00	24.83 1.36 0.00	25.74 1.50 0.00	27.14 1.70 0.00	27.45 1.92 0.00	28.97 2.17 0.00	29.44 2.46 0.00	29.81 2.69 0.00	29.92 2.79 0.00	33.04 3.16 -0.07	36.24 3.29 0.00	44.68 3.80 0.00	42.99 3.25 -1.50	40.72 3.03 -1.20	38.96 2.88 -0.10	33.78 2.39 0.00	30.97 2.13 0.00	28.64 1.87 0.00
ASTORIA_GT3_4 24101	28.84 1.94 0.00	26.60 1.31 0.00	24.75 1.20 0.00	23.52 1.18 0.00	23.46 1.18 0.00	23.35 1.09 0.00	24.39 1.21 0.00	24.83 1.36 0.00	25.74 1.50 0.00	27.14 1.70 0.00	27.45 1.92 0.00	28.97 2.17 0.00	29.44 2.46 0.00	29.81 2.69 0.00	29.92 2.79 0.00	33.04 3.16 -0.07	36.24 3.29 0.00	44.68 3.80 0.00	42.99 3.25 -1.50	40.72 3.03 -1.20	38.96 2.88 -0.10	33.78 2.39 0.00	30.97 2.13 0.00	28.64 1.87 0.00
ASTORIA_GT4_1 24102	28.84 1.94 0.00	26.60 1.31 0.00	24.75 1.20 0.00	23.52 1.18 0.00	23.46 1.18 0.00	23.35 1.09 0.00	24.39 1.21 0.00	24.83 1.36 0.00	25.74 1.50 0.00	27.14 1.70 0.00	27.45 1.92 0.00	28.97 2.17 0.00	29.44 2.46 0.00	29.81 2.69 0.00	29.92 2.79 0.00	33.04 3.16 -0.07	36.24 3.29 0.00	44.68 3.80 0.00	42.99 3.25 -1.50	40.72 3.03 -1.20	38.96 2.88 -0.10	33.78 2.39 0.00	30.97 2.13 0.00	28.64 1.87 0.00
ASTORIA_GT4_2 24103	28.84 1.94 0.00	26.60 1.31 0.00	24.75 1.20 0.00	23.52 1.18 0.00	23.46 1.18 0.00	23.35 1.09 0.00	24.39 1.21 0.00	24.83 1.36 0.00	25.74 1.50 0.00	27.14 1.70 0.00	27.45 1.92 0.00	28.97 2.17 0.00	29.44 2.46 0.00	29.81 2.69 0.00	29.92 2.79 0.00	33.04 3.16 -0.07	36.24 3.29 0.00	44.68 3.80 0.00	42.99 3.25 -1.50	40.72 3.03 -1.20	38.96 2.88 -0.10	33.78 2.39 0.00	30.97 2.13 0.00	28.64 1.87 0.00
ASTORIA_GT4_3 24104	28.84 1.94 0.00	26.60 1.31 0.00	24.75 1.20 0.00	23.52 1.18 0.00	23.46 1.18 0.00	23.35 1.09 0.00	24.39 1.21 0.00	24.83 1.36 0.00	25.74 1.50 0.00	27.14 1.70 0.00	27.45 1.92 0.00	28.97 2.17 0.00	29.44 2.46 0.00	29.81 2.69 0.00	29.92 2.79 0.00	33.04 3.16 -0.07	36.24 3.29 0.00	44.68 3.80 0.00	42.99 3.25 -1.50	40.72 3.03 -1.20	38.96 2.88 -0.10	33.78 2.39 0.00	30.97 2.13 0.00	28.64 1.87 0.00



ASTORIA_GT4_4 24105	28.84 1.94 0.00	26.60 1.31 0.00	24.75 1.20 0.00	23.52 1.18 0.00	23.46 1.18 0.00	23.35 1.09 0.00	24.39 1.21 0.00	24.83 1.36 0.00	25.74 1.50 0.00	27.14 1.70 0.00	27.45 1.92 0.00	28.97 2.17 0.00	29.44 2.46 0.00	29.81 2.69 0.00	29.92 2.79 0.00	33.04 3.16 -0.07	36.24 3.29 0.00	44.68 3.80 0.00	42.99 3.25 -1.50	40.72 3.03 -1.20	38.96 2.88 -0.10	33.78 2.39 0.00	30.97 2.13 0.00	28.64 1.87 0.00
ASTORIA_GT_1 23523	28.90 1.99 0.00	26.65 1.36 0.00	24.78 1.22 0.00	23.55 1.21 0.00	23.48 1.20 0.00	23.39 1.13 0.00	24.41 1.23 0.01	24.85 1.38 0.01	25.81 1.57 0.01	27.28 1.86 0.01	27.52 1.99 0.01	29.01 2.22 0.01	29.49 2.51 0.01	29.91 2.79 0.01	29.97 2.85 0.01	33.09 3.22 -0.06	36.33 3.39 0.01	44.79 3.92 0.01	43.06 3.33 -1.49	40.82 3.14 -1.20	39.02 2.95 -0.10	33.87 2.48 0.01	31.03 2.19 0.00	28.70 1.93 0.00
ASTORIA_GT_10 24110	28.71 1.80 0.00	26.57 1.29 0.00	24.73 1.18 0.00	23.52 1.18 0.00	23.46 1.18 0.00	23.41 1.16 0.00	24.44 1.25 0.00	24.88 1.41 0.00	25.77 1.53 0.00	27.16 1.73 0.00	27.48 1.94 0.00	28.97 2.17 0.00	29.47 2.48 0.00	29.81 2.69 0.00	29.92 2.79 0.00	33.07 3.19 -0.07	36.31 3.36 0.00	44.76 3.88 0.00	43.03 3.29 -1.50	40.75 3.06 -1.20	39.03 2.95 -0.10	33.85 2.45 0.00	31.03 2.19 0.00	28.62 1.85 0.00
ASTORIA_GT_11 24225	28.71 1.80 0.00	26.57 1.29 0.00	24.73 1.18 0.00	23.52 1.18 0.00	23.46 1.18 0.00	23.41 1.16 0.00	24.44 1.25 0.00	24.88 1.41 0.00	25.77 1.53 0.00	27.16 1.73 0.00	27.48 1.94 0.00	28.97 2.17 0.00	29.47 2.48 0.00	29.81 2.69 0.00	29.92 2.79 0.00	33.07 3.19 -0.07	36.31 3.36 0.00	44.76 3.88 0.00	43.03 3.29 -1.50	40.75 3.06 -1.20	39.03 2.95 -0.10	33.85 2.45 0.00	31.03 2.19 0.00	28.62 1.85 0.00
ASTORIA_GT_12 24226	28.71 1.80 0.00	26.57 1.29 0.00	24.73 1.18 0.00	23.52 1.18 0.00	23.46 1.18 0.00	23.41 1.16 0.00	24.44 1.25 0.00	24.88 1.41 0.00	25.77 1.53 0.00	27.16 1.73 0.00	27.48 1.94 0.00	28.97 2.17 0.00	29.47 2.48 0.00	29.81 2.69 0.00	29.92 2.79 0.00	33.07 3.19 -0.07	36.31 3.36 0.00	44.76 3.88 0.00	43.03 3.29 -1.50	40.75 3.06 -1.20	39.03 2.95 -0.10	33.85 2.45 0.00	31.03 2.19 0.00	28.62 1.85 0.00
ASTORIA_GT_13 24227	28.71 1.80 0.00	26.57 1.29 0.00	24.73 1.18 0.00	23.52 1.18 0.00	23.46 1.18 0.00	23.41 1.16 0.00	24.44 1.25 0.00	24.88 1.41 0.00	25.77 1.53 0.00	27.16 1.73 0.00	27.48 1.94 0.00	28.97 2.17 0.00	29.47 2.48 0.00	29.81 2.69 0.00	29.92 2.79 0.00	33.07 3.19 -0.07	36.31 3.36 0.00	44.76 3.88 0.00	43.03 3.29 -1.50	40.75 3.06 -1.20	39.03 2.95 -0.10	33.85 2.45 0.00	31.03 2.19 0.00	28.62 1.85 0.00
ASTORIA_GT_5 24106	28.90 1.99 0.00	26.65 1.37 0.00	24.78 1.22 0.00	23.55 1.21 0.00	23.48 1.20 0.00	23.39 1.14 0.00	24.42 1.23 0.00	24.88 1.41 0.00	25.79 1.55 0.00	27.19 1.75 0.00	27.50 1.97 0.00	29.02 2.22 0.00	29.50 2.51 0.00	29.87 2.74 0.00	29.97 2.85 0.00	33.10 3.22 -0.07	36.34 3.39 0.00	44.80 3.92 0.00	43.07 3.33 -1.50	40.83 3.14 -1.20	39.07 2.99 -0.10	33.88 2.48 0.00	31.03 2.19 0.00	28.70 1.93 0.00
ASTORIA_GT_7 24107	28.90 1.99 0.00	26.65 1.37 0.00	24.78 1.22 0.00	23.55 1.21 0.00	23.48 1.20 0.00	23.39 1.14 0.00	24.42 1.23 0.00	24.88 1.41 0.00	25.79 1.55 0.00	27.19 1.75 0.00	27.50 1.97 0.00	29.02 2.22 0.00	29.50 2.51 0.00	29.87 2.74 0.00	29.97 2.85 0.00	33.10 3.22 -0.07	36.34 3.39 0.00	44.80 3.92 0.00	43.07 3.33 -1.50	40.83 3.14 -1.20	39.07 2.99 -0.10	33.88 2.48 0.00	31.03 2.19 0.00	28.70 1.93 0.00
ASTORIA_GT_8 24108	28.90 1.99 0.00	26.65 1.37 0.00	24.78 1.22 0.00	23.55 1.21 0.00	23.48 1.20 0.00	23.39 1.14 0.00	24.42 1.23 0.00	24.88 1.41 0.00	25.79 1.55 0.00	27.19 1.75 0.00	27.50 1.97 0.00	29.02 2.22 0.00	29.50 2.51 0.00	29.87 2.74 0.00	29.97 2.85 0.00	33.10 3.22 -0.07	36.34 3.39 0.00	44.80 3.92 0.00	43.07 3.33 -1.50	40.83 3.14 -1.20	39.07 2.99 -0.10	33.88 2.48 0.00	31.03 2.19 0.00	28.70 1.93 0.00
ASTORIA___2 24149	28.84 1.94 0.00	26.60 1.31 0.00	24.75 1.20 0.00	23.52 1.18 0.00	23.43 1.16 0.00	23.35 1.09 0.00	24.38 1.20 0.01	24.80 1.34 0.01	25.76 1.53 0.01	27.23 1.81 0.01	27.47 1.94 0.01	28.96 2.17 0.01	29.44 2.46 0.01	29.83 2.71 0.01	29.91 2.79 0.01	33.03 3.16 -0.06	36.23 3.29 0.01	44.67 3.80 0.01	42.98 3.25 -1.49	40.75 3.07 -1.20	38.95 2.88 -0.10	33.77 2.38 0.01	30.97 2.13 0.00	28.64 1.87 0.00
ASTORIA___3 23516	28.74 1.83 0.00	26.57 1.29 0.00	24.73 1.18 0.00	23.52 1.18 0.00	23.46 1.18 0.00	23.41 1.16 0.00	24.44 1.25 0.00	24.85 1.38 0.00	25.79 1.55 0.00	27.26 1.83 0.00	27.48 1.94 0.00	28.97 2.17 0.00	29.47 2.48 0.00	29.86 2.74 0.00	29.92 2.79 0.00	33.07 3.19 -0.07	36.31 3.36 0.00	44.76 3.89 0.00	43.03 3.29 -1.50	40.79 3.10 -1.20	38.99 2.91 -0.10	33.85 2.45 0.00	31.03 2.19 0.00	28.59 1.82 0.00
ASTORIA___4 23517	28.71 1.80 0.00	26.57 1.29 0.00	24.73 1.18 0.00	23.52 1.18 0.00	23.46 1.18 0.00	23.41 1.16 0.00	24.44 1.25 0.00	24.88 1.41 0.00	25.77 1.53 0.00	27.16 1.73 0.00	27.48 1.94 0.00	28.97 2.17 0.00	29.47 2.48 0.00	29.81 2.69 0.00	29.92 2.79 0.00	33.07 3.19 -0.07	36.31 3.36 0.00	44.76 3.88 0.00	43.03 3.29 -1.50	40.75 3.06 -1.20	39.03 2.95 -0.10	33.85 2.45 0.00	31.03 2.19 0.00	28.62 1.85 0.00
ASTORIA___5 23518	28.74 1.83 0.00	26.57 1.29 0.00	24.73 1.18 0.00	23.50 1.16 0.00	23.46 1.18 0.00	23.41 1.16 0.00	24.44 1.25 0.00	24.85 1.38 0.00	25.79 1.55 0.00	27.26 1.83 0.00	27.48 1.94 0.00	28.97 2.17 0.00	29.47 2.48 0.00	29.86 2.74 0.00	29.92 2.79 0.00	33.07 3.19 -0.07	36.31 3.36 0.00	44.76 3.89 0.00	43.03 3.29 -1.50	40.79 3.10 -1.20	38.99 2.91 -0.10	33.85 2.45 0.00	31.03 2.19 0.00	28.59 1.82 0.00
AST_ENERGY_2_CC3 323677	24.64 1.67 3.93	26.47 1.19 0.00	24.66 1.11 0.00	23.43 1.09 0.00	23.37 1.09 0.00	23.39 1.13 0.00	24.39 1.20 0.00	24.83 1.36 0.00	25.74 1.50 0.00	27.21 1.78 0.00	27.40 1.86 0.00	28.89 2.09 0.00	29.36 2.38 0.00	29.76 2.63 0.00	29.81 2.69 0.00	32.95 3.07 -0.07	36.18 3.23 0.00	44.63 3.76 0.00	42.95 3.21 -1.50	40.64 2.95 -1.20	38.85 2.77 -0.10	33.75 2.36 0.00	30.94 2.10 0.00	28.48 1.71 0.00
AST_ENERGY_2_CC4 323678	24.64 1.67 3.93	26.47 1.19 0.00	24.66 1.11 0.00	23.43 1.09 0.00	23.37 1.09 0.00	23.39 1.13 0.00	24.39 1.20 0.00	24.83 1.36 0.00	25.74 1.50 0.00	27.21 1.78 0.00	27.40 1.86 0.00	28.89 2.09 0.00	29.36 2.38 0.00	29.76 2.63 0.00	29.81 2.69 0.00	32.95 3.07 -0.07	36.18 3.23 0.00	44.63 3.76 0.00	42.95 3.21 -1.50	40.64 2.95 -1.20	38.85 2.77 -0.10	33.75 2.36 0.00	30.94 2.10 0.00	28.48 1.71 0.00



ATHENS_STG_1 23668	27.69 0.78 0.00	25.81 0.53 0.00	24.07 0.52 0.00	22.85 0.51 0.00	22.83 0.56 0.00	22.81 0.56 0.00	23.79 0.60 0.00	24.10 0.63 0.00	24.99 0.75 0.00	26.30 0.87 0.00	26.45 0.92 0.00	27.81 1.02 0.00	28.20 1.22 0.00	28.48 1.36 0.00	28.51 1.38 0.00	31.47 1.58 -0.08	34.63 1.68 0.00	42.84 1.96 0.00	41.50 1.72 -1.54	39.32 1.60 -1.23	37.53 1.48 -0.08	32.65 1.26 0.00	29.96 1.12 0.00	27.63 0.86 0.00
ATHENS_STG_2 23670	27.69 0.78 0.00	25.81 0.53 0.00	24.07 0.52 0.00	22.85 0.51 0.00	22.83 0.56 0.00	22.81 0.56 0.00	23.79 0.60 0.00	24.10 0.63 0.00	24.99 0.75 0.00	26.30 0.87 0.00	26.45 0.92 0.00	27.81 1.02 0.00	28.20 1.22 0.00	28.48 1.36 0.00	28.51 1.38 0.00	31.47 1.58 -0.08	34.63 1.68 0.00	42.84 1.96 0.00	41.50 1.72 -1.54	39.32 1.60 -1.23	37.53 1.48 -0.08	32.65 1.26 0.00	29.96 1.12 0.00	27.63 0.86 0.00
ATHENS_STG_3 23677	27.69 0.78 0.00	25.81 0.53 0.00	24.07 0.52 0.00	22.85 0.51 0.00	22.83 0.56 0.00	22.81 0.56 0.00	23.79 0.60 0.00	24.10 0.63 0.00	24.99 0.75 0.00	26.30 0.87 0.00	26.45 0.92 0.00	27.81 1.02 0.00	28.20 1.22 0.00	28.48 1.36 0.00	28.51 1.38 0.00	31.47 1.58 -0.08	34.63 1.68 0.00	42.84 1.96 0.00	41.50 1.72 -1.54	39.32 1.60 -1.23	37.53 1.48 -0.08	32.65 1.26 0.00	29.96 1.12 0.00	27.63 0.86 0.00
AUBURN___LFGE 323710	26.80 -0.11 0.00	25.08 -0.20 0.00	23.34 -0.21 0.00	22.09 -0.25 0.00	22.01 -0.27 0.00	22.01 -0.24 0.00	22.93 -0.26 0.00	23.21 -0.26 0.00	23.90 -0.34 0.00	25.03 -0.41 0.00	25.05 -0.49 0.00	26.39 -0.40 0.00	26.69 -0.30 0.00	26.85 -0.27 0.00	26.85 -0.27 0.00	29.55 -0.27 -0.01	32.75 -0.20 0.00	40.30 -0.25 0.33	38.09 -0.15 0.00	36.34 -0.15 0.00	35.83 -0.14 0.00	31.27 -0.13 0.00	28.78 -0.06 0.00	26.48 -0.29 0.00
BABYLON_RES_REC 323704	34.01 2.21 -4.89	30.73 1.69 -3.75	28.62 1.60 -3.46	26.25 1.56 -2.35	26.97 1.56 -3.14	25.64 1.60 -1.78	25.56 1.69 -0.68	25.44 1.81 -0.16	29.66 1.96 -3.46	33.86 2.21 -6.22	34.87 2.12 -7.22	36.94 2.28 -7.87	38.13 2.57 -8.58	39.70 2.82 -9.76	40.67 2.93 -10.62	40.80 3.34 -7.66	41.48 3.62 -4.91	48.58 4.13 -3.58	43.06 3.33 -1.50	40.83 3.14 -1.20	39.06 2.98 -0.10	35.10 2.76 -0.94	32.42 2.68 -0.90	31.97 2.25 -2.95
BABYLON__69_KV_BK2 356345	34.30 2.50 -4.89	31.03 2.00 -3.75	28.90 1.88 -3.46	26.50 1.81 -2.35	27.24 1.83 -3.14	25.89 1.85 -1.78	25.82 1.95 -0.68	25.69 2.07 -0.16	29.88 2.18 -3.46	34.07 2.42 -6.22	35.46 2.71 -7.22	37.59 2.92 -7.88	38.81 3.24 -8.59	40.36 3.47 -9.76	41.36 3.61 -10.62	41.56 4.08 -7.66	44.18 4.45 -6.79	56.08 5.27 -9.93	44.10 4.36 -1.50	41.74 4.05 -1.20	40.00 3.92 -0.10	35.79 3.45 -0.94	32.80 3.06 -0.90	32.32 2.60 -2.95
BALL_HILL_WT_PWR 323825	26.69 -0.22 0.00	24.62 -0.66 0.00	22.89 -0.66 0.00	21.60 -0.74 0.00	21.38 -0.89 0.00	21.48 -0.78 0.00	22.12 -1.07 0.00	22.41 -1.06 0.00	22.91 -1.33 0.00	24.01 -1.42 0.00	23.95 -1.58 0.00	25.02 -1.69 0.09	25.61 -1.35 0.03	25.90 -1.19 0.03	26.07 -1.06 0.00	28.34 -1.46 0.01	31.00 -1.88 0.07	35.18 -2.78 2.91	35.70 -2.22 0.32	33.38 -2.08 1.02	33.86 -1.83 0.28	30.38 -1.01 0.01	28.12 -0.72 0.00	25.72 -1.02 0.03
BARON_WINDS___WT_PWR 323822	26.82 -0.08 0.00	24.85 -0.43 0.00	23.13 -0.42 0.00	21.83 -0.51 0.00	21.65 -0.62 0.00	21.68 -0.58 0.00	22.44 -0.74 0.00	22.70 -0.77 0.00	23.27 -0.97 0.00	24.37 -1.07 0.00	24.29 -1.25 0.00	25.37 -1.37 0.06	25.86 -1.11 0.02	26.13 -0.98 0.02	26.23 -0.89 0.00	28.65 -1.16 0.00	31.48 -1.42 0.05	35.81 -2.04 3.03	36.56 -1.60 0.08	34.41 -1.46 0.62	34.54 -1.26 0.18	30.70 -0.69 0.01	28.38 -0.46 0.00	25.97 -0.78 0.02
BARRETT_IC_1 23704	33.83 2.02 -4.90	30.55 1.52 -3.75	28.45 1.44 -3.46	26.08 1.39 -2.35	26.82 1.40 -3.14	25.47 1.43 -1.78	25.37 1.51 -0.68	25.25 1.62 -0.16	29.49 1.79 -3.46	33.74 2.09 -6.22	34.90 2.15 -7.22	36.99 2.33 -7.86	38.15 2.59 -8.57	39.65 2.77 -9.75	40.53 2.79 -10.61	40.62 3.16 -7.65	40.10 3.36 -3.79	44.84 3.96 0.00	42.99 3.25 -1.50	40.64 2.95 -1.20	39.03 2.95 -0.10	35.07 2.73 -0.94	32.23 2.48 -0.91	31.82 2.09 -2.96
BARRETT_IC_10 23701	33.83 2.02 -4.90	30.55 1.52 -3.75	28.45 1.44 -3.46	26.08 1.39 -2.35	26.82 1.40 -3.14	25.47 1.43 -1.78	25.37 1.51 -0.68	25.25 1.62 -0.16	29.49 1.79 -3.46	33.74 2.09 -6.22	34.90 2.15 -7.22	36.99 2.33 -7.86	38.15 2.59 -8.57	39.65 2.77 -9.75	40.53 2.79 -10.61	40.62 3.16 -7.65	40.10 3.36 -3.79	44.84 3.96 0.00	42.99 3.25 -1.50	40.64 2.95 -1.20	39.03 2.95 -0.10	35.07 2.73 -0.94	32.23 2.48 -0.91	31.82 2.09 -2.96
BARRETT_IC_11 23702	33.83 2.02 -4.90	30.55 1.52 -3.75	28.45 1.44 -3.46	26.08 1.39 -2.35	26.82 1.40 -3.14	25.47 1.43 -1.78	25.37 1.51 -0.68	25.25 1.62 -0.16	29.49 1.79 -3.46	33.74 2.09 -6.22	34.90 2.15 -7.22	36.99 2.33 -7.86	38.15 2.59 -8.57	39.65 2.77 -9.75	40.53 2.79 -10.61	40.62 3.16 -7.65	40.10 3.36 -3.79	44.84 3.96 0.00	42.99 3.25 -1.50	40.64 2.95 -1.20	39.03 2.95 -0.10	35.07 2.73 -0.94	32.23 2.48 -0.91	31.82 2.09 -2.96
BARRETT_IC_12 23703	33.83 2.02 -4.90	30.55 1.52 -3.75	28.45 1.44 -3.46	26.08 1.39 -2.35	26.82 1.40 -3.14	25.47 1.43 -1.78	25.37 1.51 -0.68	25.25 1.62 -0.16	29.49 1.79 -3.46	33.74 2.09 -6.22	34.90 2.15 -7.22	36.99 2.33 -7.86	38.15 2.59 -8.57	39.65 2.77 -9.75	40.53 2.79 -10.61	40.62 3.16 -7.65	40.10 3.36 -3.79	44.84 3.96 0.00	42.99 3.25 -1.50	40.64 2.95 -1.20	39.03 2.95 -0.10	35.07 2.73 -0.94	32.23 2.48 -0.91	31.82 2.09 -2.96
BARRETT_IC_2 23705	33.83 2.02 -4.90	30.55 1.52 -3.75	28.45 1.44 -3.46	26.08 1.39 -2.35	26.82 1.40 -3.14	25.47 1.43 -1.78	25.37 1.51 -0.68	25.25 1.62 -0.16	29.49 1.79 -3.46	33.74 2.09 -6.22	34.90 2.15 -7.22	36.99 2.33 -7.86	38.15 2.59 -8.57	39.65 2.77 -9.75	40.53 2.79 -10.61	40.62 3.16 -7.65	40.10 3.36 -3.79	44.84 3.96 0.00	42.99 3.25 -1.50	40.64 2.95 -1.20	39.03 2.95 -0.10	35.07 2.73 -0.94	32.23 2.48 -0.91	31.82 2.09 -2.96
BARRETT_IC_3 23706	33.83 2.02 -4.90	30.55 1.52 -3.75	28.45 1.44 -3.46	26.08 1.39 -2.35	26.82 1.40 -3.14	25.47 1.43 -1.78	25.37 1.51 -0.68	25.25 1.62 -0.16	29.49 1.79 -3.46	33.74 2.09 -6.22	34.90 2.15 -7.22	36.99 2.33 -7.86	38.15 2.59 -8.57	39.65 2.77 -9.75	40.53 2.79 -10.61	40.62 3.16 -7.65	40.10 3.36 -3.79	44.84 3.96 0.00	42.99 3.25 -1.50	40.64 2.95 -1.20	39.03 2.95 -0.10	35.07 2.73 -0.94	32.23 2.48 -0.91	31.82 2.09 -2.96
BARRETT_IC_4 23707	33.83 2.02 -4.90	30.55 1.52 -3.75	28.45 1.44 -3.46	26.08 1.39 -2.35	26.82 1.40 -3.14	25.47 1.43 -1.78	25.37 1.51 -0.68	25.25 1.62 -0.16	29.49 1.79 -3.46	33.74 2.09 -6.22	34.90 2.15 -7.22	36.99 2.33 -7.86	38.15 2.59 -8.57	39.65 2.77 -9.75	40.53 2.79 -10.61	40.62 3.16 -7.65	40.10 3.36 -3.79	44.84 3.96 0.00	42.99 3.25 -1.50	40.64 2.95 -1.20	39.03 2.95 -0.10	35.07 2.73 -0.94	32.23 2.48 -0.91	31.82 2.09 -2.96



BARRETT_IC_5 23708	33.83 2.02 -4.90	30.55 1.52 -3.75	28.45 1.44 -3.46	26.08 1.39 -2.35	26.82 1.40 -3.14	25.47 1.43 -1.78	25.37 1.51 -0.68	25.25 1.62 -0.16	29.49 1.79 -3.46	33.74 2.09 -6.22	34.90 2.15 -7.22	36.99 2.33 -7.86	38.15 2.59 -8.57	39.65 2.77 -9.75	40.53 2.79 -10.61	40.62 3.16 -7.65	40.10 3.36 -3.79	44.84 3.96 0.00	42.99 3.25 -1.50	40.64 2.95 -1.20	39.03 2.95 -0.10	35.07 2.73 -0.94	32.23 2.48 -0.91	31.82 2.09 -2.96
BARRETT_IC_6 23709	33.83 2.02 -4.90	30.55 1.52 -3.75	28.45 1.44 -3.46	26.08 1.39 -2.35	26.82 1.40 -3.14	25.47 1.43 -1.78	25.37 1.51 -0.68	25.25 1.62 -0.16	29.49 1.79 -3.46	33.74 2.09 -6.22	34.90 2.15 -7.22	36.99 2.33 -7.86	38.15 2.59 -8.57	39.65 2.77 -9.75	40.53 2.79 -10.61	40.62 3.16 -7.65	40.10 3.36 -3.79	44.84 3.96 0.00	42.99 3.25 -1.50	40.64 2.95 -1.20	39.03 2.95 -0.10	35.07 2.73 -0.94	32.23 2.48 -0.91	31.82 2.09 -2.96
BARRETT_IC_7 23710	33.82 2.02 -4.89	30.55 1.52 -3.75	28.45 1.44 -3.46	26.07 1.39 -2.35	26.82 1.40 -3.14	25.46 1.42 -1.78	25.38 1.51 -0.68	25.27 1.64 -0.16	29.47 1.77 -3.46	33.63 1.98 -6.22	34.90 2.15 -7.22	36.99 2.33 -7.86	38.15 2.59 -8.57	39.64 2.77 -9.75	40.53 2.79 -10.61	40.65 3.19 -7.65	40.10 3.36 -3.79	44.84 3.96 0.00	42.99 3.25 -1.50	40.75 3.06 -1.20	39.10 3.02 -0.10	35.06 2.73 -0.94	32.22 2.48 -0.90	31.81 2.09 -2.95
BARRETT_IC_8 23711	33.83 2.02 -4.90	30.55 1.52 -3.75	28.45 1.44 -3.46	26.08 1.39 -2.35	26.82 1.40 -3.14	25.47 1.43 -1.78	25.37 1.51 -0.68	25.25 1.62 -0.16	29.49 1.79 -3.46	33.74 2.09 -6.22	34.90 2.15 -7.22	36.99 2.33 -7.86	38.15 2.59 -8.57	39.65 2.77 -9.75	40.53 2.79 -10.61	40.62 3.16 -7.65	40.10 3.36 -3.79	44.84 3.96 0.00	42.99 3.25 -1.50	40.64 2.95 -1.20	39.03 2.95 -0.10	35.07 2.73 -0.94	32.23 2.48 -0.91	31.82 2.09 -2.96
BARRETT_IC_9 23700	33.83 2.02 -4.90	30.55 1.52 -3.75	28.45 1.44 -3.46	26.08 1.39 -2.35	26.82 1.40 -3.14	25.47 1.43 -1.78	25.37 1.51 -0.68	25.25 1.62 -0.16	29.49 1.79 -3.46	33.74 2.09 -6.22	34.90 2.15 -7.22	36.99 2.33 -7.86	38.15 2.59 -8.57	39.65 2.77 -9.75	40.53 2.79 -10.61	40.62 3.16 -7.65	40.10 3.36 -3.79	44.84 3.96 0.00	42.99 3.25 -1.50	40.64 2.95 -1.20	39.03 2.95 -0.10	35.07 2.73 -0.94	32.23 2.48 -0.91	31.82 2.09 -2.96
BARRETT___1 23545	33.83 2.02 -4.90	30.55 1.52 -3.75	28.45 1.44 -3.46	26.08 1.39 -2.35	26.82 1.40 -3.14	25.47 1.43 -1.78	25.37 1.51 -0.68	25.25 1.62 -0.16	29.49 1.79 -3.46	33.74 2.09 -6.22	34.90 2.15 -7.22	36.99 2.33 -7.86	38.15 2.59 -8.57	39.65 2.77 -9.75	40.53 2.79 -10.61	40.62 3.16 -7.65	40.10 3.36 -3.79	44.84 3.96 0.00	42.99 3.25 -1.50	40.64 2.95 -1.20	39.03 2.95 -0.10	35.07 2.73 -0.94	32.23 2.48 -0.91	31.82 2.09 -2.96
BARRETT___2 23546	33.83 2.02 -4.90	30.55 1.52 -3.75	28.45 1.44 -3.46	26.08 1.39 -2.35	26.82 1.40 -3.14	25.47 1.43 -1.78	25.37 1.51 -0.68	25.25 1.62 -0.16	29.49 1.79 -3.46	33.74 2.09 -6.22	34.90 2.15 -7.22	36.99 2.33 -7.86	38.15 2.59 -8.57	39.65 2.77 -9.75	40.53 2.79 -10.61	40.62 3.16 -7.65	40.10 3.36 -3.79	44.84 3.96 0.00	42.99 3.25 -1.50	40.64 2.95 -1.20	39.03 2.95 -0.10	35.07 2.73 -0.94	32.23 2.48 -0.91	31.82 2.09 -2.96
BATAVIA__115KV_TB1 55881	26.47 -0.43 0.00	24.60 -0.68 0.00	22.80 -0.75 0.00	21.54 -0.80 0.00	21.36 -0.91 0.00	21.41 -0.85 0.00	22.14 -1.04 0.00	22.41 -1.06 0.00	22.81 -1.43 0.00	23.91 -1.53 0.00	24.03 -1.51 0.00	25.47 -1.23 0.10	25.90 -1.05 0.03	26.01 -1.09 0.03	26.18 -0.95 0.00	28.61 -1.19 0.01	31.68 -1.19 0.08	36.14 -1.88 2.85	36.22 -1.38 0.64	33.69 -1.42 1.37	34.65 -1.01 0.32	30.60 -0.78 0.01	28.29 -0.55 0.00	25.93 -0.80 0.03
BAYONEEC___CTG1 323682	28.60 1.70 0.00	26.47 1.19 0.00	24.66 1.11 0.00	23.41 1.07 0.00	23.37 1.09 0.00	23.37 1.11 0.00	24.39 1.20 0.00	24.83 1.36 0.00	25.74 1.50 0.00	27.24 1.81 0.00	27.45 1.92 0.00	28.91 2.12 0.00	29.42 2.43 0.00	29.79 2.66 0.00	29.86 2.74 0.00	32.98 3.10 -0.07	36.24 3.29 0.00	44.68 3.80 0.00	42.99 3.25 -1.50	40.71 3.03 -1.20	38.89 2.81 -0.10	33.78 2.38 0.00	30.97 2.13 0.00	28.51 1.74 0.00
BAYONEEC___CTG10 323750	28.60 1.70 0.00	26.47 1.19 0.00	24.66 1.11 0.00	23.41 1.07 0.00	23.37 1.09 0.00	23.37 1.11 0.00	24.39 1.20 0.00	24.83 1.36 0.00	25.74 1.50 0.00	27.24 1.81 0.00	27.45 1.92 0.00	28.91 2.12 0.00	29.42 2.43 0.00	29.79 2.66 0.00	29.86 2.74 0.00	32.98 3.10 -0.07	36.24 3.29 0.00	44.68 3.80 0.00	42.99 3.25 -1.50	40.71 3.03 -1.20	38.89 2.81 -0.10	33.78 2.38 0.00	30.97 2.13 0.00	28.51 1.74 0.00
BAYONEEC___CTG2 323683	28.60 1.70 0.00	26.47 1.19 0.00	24.66 1.11 0.00	23.41 1.07 0.00	23.37 1.09 0.00	23.37 1.11 0.00	24.39 1.20 0.00	24.83 1.36 0.00	25.74 1.50 0.00	27.24 1.81 0.00	27.45 1.92 0.00	28.91 2.12 0.00	29.42 2.43 0.00	29.79 2.66 0.00	29.86 2.74 0.00	32.98 3.10 -0.07	36.24 3.29 0.00	44.68 3.80 0.00	42.99 3.25 -1.50	40.71 3.03 -1.20	38.89 2.81 -0.10	33.78 2.38 0.00	30.97 2.13 0.00	28.51 1.74 0.00
BAYONEEC___CTG3 323684	28.60 1.70 0.00	26.47 1.19 0.00	24.66 1.11 0.00	23.41 1.07 0.00	23.37 1.09 0.00	23.37 1.11 0.00	24.39 1.20 0.00	24.83 1.36 0.00	25.74 1.50 0.00	27.24 1.81 0.00	27.45 1.92 0.00	28.91 2.12 0.00	29.42 2.43 0.00	29.79 2.66 0.00	29.86 2.74 0.00	32.98 3.10 -0.07	36.24 3.29 0.00	44.68 3.80 0.00	42.99 3.25 -1.50	40.71 3.03 -1.20	38.89 2.81 -0.10	33.78 2.38 0.00	30.97 2.13 0.00	28.51 1.74 0.00
BAYONEEC___CTG4 323685	28.60 1.70 0.00	26.47 1.19 0.00	24.66 1.11 0.00	23.41 1.07 0.00	23.37 1.09 0.00	23.37 1.11 0.00	24.39 1.20 0.00	24.83 1.36 0.00	25.74 1.50 0.00	27.24 1.81 0.00	27.45 1.92 0.00	28.91 2.12 0.00	29.42 2.43 0.00	29.79 2.66 0.00	29.86 2.74 0.00	32.98 3.10 -0.07	36.24 3.29 0.00	44.68 3.80 0.00	42.99 3.25 -1.50	40.71 3.03 -1.20	38.89 2.81 -0.10	33.78 2.38 0.00	30.97 2.13 0.00	28.51 1.74 0.00
BAYONEEC___CTG5 323686	28.60 1.70 0.00	26.47 1.19 0.00	24.66 1.11 0.00	23.41 1.07 0.00	23.37 1.09 0.00	23.37 1.11 0.00	24.39 1.20 0.00	24.83 1.36 0.00	25.74 1.50 0.00	27.24 1.81 0.00	27.45 1.92 0.00	28.91 2.12 0.00	29.42 2.43 0.00	29.79 2.66 0.00	29.86 2.74 0.00	32.98 3.10 -0.07	36.24 3.29 0.00	44.68 3.80 0.00	42.99 3.25 -1.50	40.71 3.03 -1.20	38.89 2.81 -0.10	33.78 2.38 0.00	30.97 2.13 0.00	28.51 1.74 0.00
BAYONEEC___CTG6 323687	28.60 1.70 0.00	26.47 1.19 0.00	24.66 1.11 0.00	23.41 1.07 0.00	23.37 1.09 0.00	23.37 1.11 0.00	24.39 1.20 0.00	24.83 1.36 0.00	25.74 1.50 0.00	27.24 1.81 0.00	27.45 1.92 0.00	28.91 2.12 0.00	29.42 2.43 0.00	29.79 2.66 0.00	29.86 2.74 0.00	32.98 3.10 -0.07	36.24 3.29 0.00	44.68 3.80 0.00	42.99 3.25 -1.50	40.71 3.03 -1.20	38.89 2.81 -0.10	33.78 2.38 0.00	30.97 2.13 0.00	28.51 1.74 0.00



BAYONEEC___CTG7 323688	28.60 1.70 0.00	26.47 1.19 0.00	24.66 1.11 0.00	23.41 1.07 0.00	23.37 1.09 0.00	23.37 1.11 0.00	24.39 1.20 0.00	24.83 1.36 0.00	25.74 1.50 0.00	27.24 1.81 0.00	27.45 1.92 0.00	28.91 2.12 0.00	29.42 2.43 0.00	29.79 2.66 0.00	29.86 2.74 0.00	32.98 3.10 -0.07	36.24 3.29 0.00	44.68 3.80 0.00	42.99 3.25 -1.50	40.71 3.03 -1.20	38.89 2.81 -0.10	33.78 2.38 0.00	30.97 2.13 0.00	28.51 1.74 0.00
BAYONEEC___CTG8 323689	28.60 1.70 0.00	26.47 1.19 0.00	24.66 1.11 0.00	23.41 1.07 0.00	23.37 1.09 0.00	23.37 1.11 0.00	24.39 1.20 0.00	24.83 1.36 0.00	25.74 1.50 0.00	27.24 1.81 0.00	27.45 1.92 0.00	28.91 2.12 0.00	29.42 2.43 0.00	29.79 2.66 0.00	29.86 2.74 0.00	32.98 3.10 -0.07	36.24 3.29 0.00	44.68 3.80 0.00	42.99 3.25 -1.50	40.71 3.03 -1.20	38.89 2.81 -0.10	33.78 2.38 0.00	30.97 2.13 0.00	28.51 1.74 0.00
BAYONEEC___CTG9 323749	28.60 1.70 0.00	26.47 1.19 0.00	24.66 1.11 0.00	23.41 1.07 0.00	23.37 1.09 0.00	23.37 1.11 0.00	24.39 1.20 0.00	24.83 1.36 0.00	25.74 1.50 0.00	27.24 1.81 0.00	27.45 1.92 0.00	28.91 2.12 0.00	29.42 2.43 0.00	29.79 2.66 0.00	29.86 2.74 0.00	32.98 3.10 -0.07	36.24 3.29 0.00	44.68 3.80 0.00	42.99 3.25 -1.50	40.71 3.03 -1.20	38.89 2.81 -0.10	33.78 2.38 0.00	30.97 2.13 0.00	28.51 1.74 0.00
BEACON___LESR 323632	27.55 0.64 0.00	25.79 0.51 0.00	24.00 0.45 0.00	22.83 0.49 0.00	22.81 0.53 0.00	22.83 0.58 0.00	23.83 0.65 0.00	24.08 0.61 0.00	25.04 0.80 0.00	26.25 0.81 0.00	26.41 0.87 0.00	27.71 0.91 0.00	28.04 1.05 0.00	28.29 1.17 0.00	28.32 1.19 0.00	31.24 1.34 -0.09	34.43 1.48 0.00	42.72 1.84 0.00	44.14 1.68 -4.21	41.47 1.60 -3.38	38.12 1.51 -0.63	32.68 1.29 0.00	29.94 1.10 0.00	27.60 0.83 0.00
BEAVER RIVER___HYD 24048	26.42 -0.48 0.00	24.88 -0.41 0.00	23.15 -0.40 0.00	21.91 -0.43 0.00	21.81 -0.47 0.00	21.79 -0.47 0.00	22.72 -0.46 0.00	22.98 -0.49 0.00	23.66 -0.58 0.00	24.82 -0.61 0.00	24.87 -0.66 0.00	26.07 -0.72 0.00	26.23 -0.76 0.00	26.18 -0.95 0.00	26.01 -1.11 0.00	28.65 -1.16 0.00	31.79 -1.15 0.00	39.81 -1.06 0.00	37.44 -0.80 0.00	35.75 -0.73 0.00	35.29 -0.68 0.00	30.77 -0.63 0.00	28.29 -0.55 0.00	26.26 -0.51 0.00
BEEBEE_GT_13 23619	26.34 -0.57 0.00	24.57 -0.71 0.00	22.80 -0.75 0.00	21.56 -0.78 0.00	21.43 -0.85 0.00	21.43 -0.82 0.00	22.26 -0.93 0.00	22.53 -0.94 0.00	23.08 -1.16 0.00	24.19 -1.25 0.00	24.26 -1.28 0.00	25.75 -0.94 0.10	26.09 -0.86 0.04	26.17 -0.92 0.04	26.26 -0.87 0.00	28.81 -0.98 0.01	31.97 -0.89 0.09	36.68 -1.39 2.80	36.52 -1.03 0.69	33.95 -1.06 1.48	34.84 -0.79 0.34	30.57 -0.82 0.01	28.21 -0.63 0.00	25.96 -0.78 0.04
BENSHRST_27_KV_BENSHRST_1 355998	39.25 2.07 -10.27	26.83 1.54 -0.01	25.00 1.44 -0.01	23.76 1.41 -0.01	23.69 1.40 -0.01	23.66 1.40 0.00	24.68 1.48 -0.01	25.10 1.62 -0.01	39.17 1.75 -13.18	39.43 1.96 -12.04	39.58 2.20 -11.85	44.20 2.47 -14.94	43.93 2.75 -14.19	44.27 3.01 -14.13	44.26 3.12 -14.02	45.32 3.55 -11.96	42.68 3.76 -5.97	45.33 4.46 0.00	43.53 3.79 -1.50	42.02 3.58 -1.96	42.80 3.38 -3.44	42.07 2.79 -7.88	39.63 2.51 -8.28	39.25 2.09 -10.39
BETHLEHEM___GRP 23843	27.09 0.19 0.00	25.38 0.10 0.00	23.65 0.09 0.00	22.52 0.18 0.00	22.50 0.22 0.00	22.50 0.24 0.00	23.46 0.28 0.00	23.75 0.28 0.00	24.63 0.39 0.00	25.76 0.33 0.00	26.00 0.46 0.00	27.25 0.46 0.00	27.58 0.59 0.00	27.80 0.68 0.00	27.86 0.73 0.00	30.74 0.83 -0.09	33.87 0.92 0.00	41.94 1.06 0.00	43.32 0.92 -4.16	40.70 0.88 -3.34	37.39 0.79 -0.62	32.06 0.66 0.00	29.39 0.55 0.00	27.14 0.37 0.00
BETHLEHEM___GS1 323560	27.10 0.19 0.00	25.38 0.10 0.00	23.65 0.09 0.00	22.52 0.18 0.00	22.50 0.22 0.00	22.50 0.25 0.00	23.47 0.28 0.00	23.75 0.28 0.00	24.63 0.39 0.00	25.81 0.38 0.00	25.97 0.43 0.00	27.25 0.46 0.00	27.58 0.59 0.00	27.83 0.70 0.00	27.86 0.73 0.00	30.74 0.83 -0.09	33.87 0.92 0.00	41.94 1.06 0.00	43.32 0.92 -4.16	40.70 0.87 -3.34	37.39 0.79 -0.62	32.06 0.66 0.00	29.39 0.55 0.00	27.14 0.37 0.00
BETHLEHEM___GS2 323561	27.10 0.19 0.00	25.38 0.10 0.00	23.65 0.09 0.00	22.52 0.18 0.00	22.50 0.22 0.00	22.50 0.25 0.00	23.47 0.28 0.00	23.75 0.28 0.00	24.63 0.39 0.00	25.81 0.38 0.00	25.97 0.43 0.00	27.25 0.46 0.00	27.58 0.59 0.00	27.83 0.70 0.00	27.86 0.73 0.00	30.74 0.83 -0.09	33.87 0.92 0.00	41.94 1.06 0.00	43.32 0.92 -4.16	40.70 0.87 -3.34	37.39 0.79 -0.62	32.06 0.66 0.00	29.39 0.55 0.00	27.14 0.37 0.00
BETHLEHEM___GS3 323562	27.10 0.19 0.00	25.38 0.10 0.00	23.65 0.09 0.00	22.52 0.18 0.00	22.50 0.22 0.00	22.50 0.25 0.00	23.47 0.28 0.00	23.75 0.28 0.00	24.63 0.39 0.00	25.81 0.38 0.00	25.97 0.43 0.00	27.25 0.46 0.00	27.58 0.59 0.00	27.83 0.70 0.00	27.86 0.73 0.00	30.74 0.83 -0.09	33.87 0.92 0.00	41.94 1.06 0.00	43.32 0.92 -4.16	40.70 0.87 -3.34	37.39 0.79 -0.62	32.06 0.66 0.00	29.39 0.55 0.00	27.14 0.37 0.00
BETHLEHEM___STEEL 23779	26.42 -0.48 0.00	24.47 -0.81 0.00	22.75 -0.80 0.00	21.47 -0.87 0.00	21.27 -1.00 0.00	21.34 -0.91 0.00	22.00 -1.18 0.00	22.25 -1.22 0.00	22.62 -1.62 0.00	23.68 -1.75 0.00	23.80 -1.74 0.00	24.91 -1.80 0.09	25.50 -1.46 0.03	25.74 -1.36 0.03	25.99 -1.14 0.00	28.22 -1.58 0.01	30.90 -1.98 0.07	34.98 -2.98 2.92	35.54 -2.37 0.33	33.14 -2.30 1.05	33.67 -2.01 0.29	30.23 -1.16 0.01	27.97 -0.87 0.00	25.61 -1.12 0.03
BETHLHEM_115KV_TB1 79974	27.17 0.27 0.00	25.43 0.15 0.00	23.69 0.14 0.00	22.56 0.22 0.00	22.54 0.27 0.00	22.55 0.29 0.00	23.51 0.32 0.00	23.80 0.33 0.00	24.65 0.41 0.00	25.81 0.38 0.00	26.05 0.51 0.00	27.31 0.51 0.00	27.66 0.67 0.00	27.89 0.76 0.00	27.91 0.79 0.00	30.83 0.92 -0.09	33.94 0.99 0.00	42.06 1.19 0.00	43.30 1.03 -4.03	40.67 0.95 -3.23	37.43 0.86 -0.59	32.15 0.75 0.00	29.45 0.61 0.00	27.22 0.46 0.00
BETHPAGE_CC_5 323564	33.98 2.18 -4.89	30.73 1.69 -3.75	28.59 1.58 -3.46	26.23 1.54 -2.35	26.97 1.56 -3.14	25.62 1.58 -1.78	25.54 1.67 -0.68	25.41 1.78 -0.16	29.66 1.96 -3.46	33.81 2.16 -6.22	35.02 2.27 -7.22	37.15 2.49 -7.87	38.32 2.75 -8.58	39.86 2.98 -9.75	40.75 3.01 -10.61	40.86 3.40 -7.65	40.98 3.62 -4.41	46.90 4.25 -1.78	43.18 3.44 -1.50	40.86 3.17 -1.20	39.21 3.13 -0.10	35.22 2.89 -0.94	32.34 2.60 -0.90	31.89 2.17 -2.95
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.53 -0.38 0.00	24.55 -0.73 0.00	22.82 -0.73 0.00	21.56 -0.78 0.00	21.34 -0.94 0.00	21.43 -0.82 0.00	22.10 -1.09 0.00	22.34 -1.13 0.00	22.69 -1.55 0.00	23.75 -1.68 0.00	23.88 -1.66 0.00	24.89 -1.82 0.09	25.55 -1.40 0.03	25.79 -1.30 0.03	26.07 -1.06 0.00	28.25 -1.55 0.01	30.86 -2.01 0.07	34.97 -2.98 2.92	35.55 -2.37 0.32	33.16 -2.30 1.03	33.68 -2.01 0.28	30.35 -1.04 0.01	28.09 -0.75 0.00	25.64 -1.10 0.03



BINGHAMTON___COGEN 23790	27.15 0.24 0.00	25.33 0.05 0.00	23.58 0.02 0.00	22.32 -0.02 0.00	22.21 -0.07 0.00	22.23 -0.02 0.00	23.12 -0.07 0.00	23.40 -0.07 0.00	24.07 -0.17 0.00	25.20 -0.23 0.00	25.31 -0.23 0.00	26.53 -0.24 0.03	26.95 -0.03 0.01	27.17 0.05 0.01	27.23 0.11 0.00	29.89 0.06 -0.02	32.92 0.00 0.02	39.82 -0.12 0.93	38.59 0.00 -0.35	36.53 0.00 -0.04	35.93 0.00 0.04	31.58 0.19 0.00	29.07 0.23 0.00	26.73 -0.03 0.01
BIXINCNT_115KV_LOAD 355685	26.85 -0.05 0.00	24.83 -0.46 0.00	23.11 -0.45 0.00	21.78 -0.56 0.00	21.63 -0.65 0.00	21.72 -0.53 0.00	22.37 -0.81 0.00	22.60 -0.87 0.00	22.96 -1.28 0.00	24.01 -1.42 0.00	24.08 -1.46 0.00	24.54 -2.17 0.08	25.26 -1.70 0.03	25.47 -1.63 0.03	25.74 -1.38 0.00	27.81 -2.00 0.01	30.28 -2.60 0.07	34.64 -3.27 2.96	35.37 -2.60 0.27	33.13 -2.41 0.95	33.66 -2.05 0.27	30.64 -0.75 0.01	28.41 -0.43 0.00	25.83 -0.91 0.03
BLACK RIVER___HYD 24047	26.26 -0.65 0.00	24.70 -0.58 0.00	22.96 -0.59 0.00	21.71 -0.63 0.00	21.61 -0.67 0.00	21.61 -0.65 0.00	22.56 -0.62 0.00	22.81 -0.66 0.00	23.44 -0.80 0.00	24.54 -0.89 0.00	24.59 -0.94 0.00	25.82 -0.99 -0.02	26.00 -1.00 -0.01	26.05 -1.09 -0.01	25.85 -1.27 0.00	28.54 -1.28 -0.01	31.75 -1.22 -0.02	40.13 -1.14 -0.40	37.60 -0.76 -0.13	36.06 -0.69 -0.27	35.39 -0.65 -0.06	30.77 -0.63 0.00	28.21 -0.63 0.00	26.08 -0.70 -0.01
BLACKRVR_115KV_TB2 79977	26.26 -0.65 0.00	24.70 -0.58 0.00	22.96 -0.59 0.00	21.71 -0.63 0.00	21.61 -0.67 0.00	21.61 -0.65 0.00	22.56 -0.63 0.00	22.79 -0.68 0.00	23.46 -0.78 0.00	24.59 -0.84 0.00	24.59 -0.94 0.00	25.82 -0.99 -0.02	26.00 -1.00 -0.01	26.02 -1.11 -0.01	25.85 -1.27 0.00	28.53 -1.28 -0.01	31.75 -1.22 -0.02	40.13 -1.14 -0.40	37.60 -0.76 -0.13	36.07 -0.69 -0.27	35.39 -0.65 -0.06	30.77 -0.63 0.00	28.21 -0.63 0.00	26.08 -0.70 -0.01
BLISS_WT_PWR 323608	26.91 0.00 0.00	24.80 -0.48 0.00	23.08 -0.47 0.00	21.76 -0.58 0.00	21.61 -0.67 0.00	21.70 -0.56 0.00	22.35 -0.83 0.00	22.63 -0.84 0.00	23.05 -1.19 0.00	24.16 -1.27 0.00	24.03 -1.51 0.00	24.44 -2.28 0.08	25.10 -1.86 0.03	25.39 -1.71 0.03	25.55 -1.57 0.00	27.60 -2.21 0.01	30.08 -2.80 0.07	34.48 -3.43 2.96	35.29 -2.68 0.27	33.09 -2.44 0.95	33.66 -2.05 0.27	30.64 -0.75 0.01	28.38 -0.46 0.00	25.83 -0.91 0.03
BLUESTONE___WT_PWR 323821	28.60 1.70 0.00	26.72 1.44 0.00	24.87 1.32 0.00	23.48 1.14 0.00	23.34 1.07 0.00	23.39 1.13 0.00	24.44 1.25 0.00	24.71 1.24 0.00	25.40 1.16 0.00	26.65 1.22 0.00	26.63 1.10 0.00	27.95 1.18 0.02	28.46 1.48 0.01	28.64 1.52 0.01	28.40 1.28 0.00	31.29 1.46 -0.02	34.61 1.68 0.02	43.59 2.37 -0.34	41.47 2.56 -0.66	39.26 2.44 -0.33	38.40 2.41 -0.01	33.53 2.14 0.00	30.69 1.85 0.00	28.15 1.39 0.01
BLUE_CIRC_CHEM_DRP 24182	27.47 0.57 0.00	25.76 0.48 0.00	24.00 0.45 0.00	22.81 0.47 0.00	22.77 0.49 0.00	22.77 0.51 0.00	23.74 0.56 0.00	23.99 0.52 0.00	24.85 0.61 0.00	25.99 0.56 0.00	26.15 0.61 0.00	27.41 0.62 0.00	27.72 0.73 0.00	27.91 0.79 0.00	27.97 0.84 0.00	30.85 0.95 -0.09	34.04 1.09 0.00	42.26 1.39 0.00	42.99 1.34 -3.42	40.50 1.28 -2.74	37.66 1.22 -0.46	32.46 1.07 0.00	29.76 0.92 0.00	27.49 0.72 0.00
BOC_GAS_DRP 24189	27.36 0.46 0.00	25.61 0.33 0.00	23.86 0.31 0.00	22.68 0.34 0.00	22.63 0.36 0.00	22.63 0.38 0.00	23.60 0.42 0.00	23.89 0.42 0.00	24.75 0.51 0.00	25.94 0.51 0.00	26.15 0.61 0.00	27.44 0.64 0.00	27.80 0.81 0.00	28.02 0.90 0.00	28.05 0.92 0.00	30.97 1.07 -0.09	34.10 1.15 0.00	42.22 1.35 0.00	42.66 1.15 -3.28	40.21 1.09 -2.63	37.41 1.01 -0.43	32.28 0.88 0.00	29.59 0.75 0.00	27.36 0.59 0.00
BOONVILLE_115KV_TB1 79983	27.23 0.32 0.00	25.59 0.30 0.00	23.81 0.26 0.00	22.54 0.20 0.00	22.45 0.18 0.00	22.43 0.18 0.00	23.42 0.23 0.00	23.68 0.21 0.00	24.41 0.17 0.00	25.61 0.18 0.00	25.66 0.13 0.00	26.93 0.13 0.00	27.20 0.22 0.00	27.26 0.14 0.00	27.13 0.00 0.00	29.87 0.06 0.00	33.08 0.13 0.00	41.28 0.41 0.00	38.78 0.54 0.00	37.00 0.51 0.00	36.48 0.50 0.00	31.80 0.41 0.00	29.21 0.37 0.00	27.04 0.27 0.00
BORALEX_4TH_BRANCH 23824	28.14 1.24 0.00	26.32 1.04 0.00	24.57 1.01 0.00	23.35 1.01 0.00	23.37 1.09 0.00	23.37 1.11 0.00	24.39 1.21 0.00	24.74 1.27 0.00	25.65 1.41 0.00	26.93 1.50 0.00	27.15 1.61 0.00	28.51 1.71 0.00	28.88 1.89 0.00	29.13 2.01 0.00	29.19 2.06 0.00	32.23 2.33 -0.09	35.49 2.54 0.00	43.90 3.02 -5.13	46.08 2.72 -4.12	43.19 2.59 -0.83	39.25 2.45 -0.43	33.53 2.13 0.00	30.74 1.90 0.00	28.35 1.58 0.00
BOWLINE___1 23526	28.30 1.40 0.00	26.27 0.99 0.00	24.50 0.94 0.00	23.26 0.92 0.00	23.21 0.94 0.00	23.21 0.96 0.00	24.21 1.02 0.00	24.57 1.10 0.00	25.48 1.24 0.00	26.91 1.47 0.00	27.12 1.58 0.00	28.54 1.74 0.00	29.01 2.03 0.00	29.38 2.25 0.00	29.43 2.30 0.00	32.50 2.62 -0.07	35.72 2.77 0.00	44.10 3.23 0.00	42.44 2.75 -1.44	40.19 2.55 -1.16	38.41 2.34 -0.10	33.41 2.01 0.00	30.66 1.82 0.00	28.24 1.47 0.00
BOWLINE___2 23595	28.30 1.40 0.00	26.27 0.99 0.00	24.50 0.94 0.00	23.26 0.92 0.00	23.21 0.94 0.00	23.21 0.96 0.00	24.21 1.02 0.00	24.57 1.10 0.00	25.48 1.24 0.00	26.91 1.47 0.00	27.12 1.58 0.00	28.54 1.74 0.00	29.01 2.03 0.00	29.38 2.25 0.00	29.43 2.30 0.00	32.50 2.62 -0.07	35.72 2.77 0.00	44.10 3.23 0.00	42.44 2.75 -1.44	40.19 2.55 -1.16	38.41 2.34 -0.10	33.41 2.01 0.00	30.66 1.82 0.00	28.24 1.47 0.00
BRADY___115KV_TB2 356060	26.82 -0.08 0.00	25.48 0.20 0.00	23.74 0.19 0.00	22.47 0.13 0.00	22.41 0.13 0.00	22.32 0.07 0.00	23.30 0.12 0.00	23.52 0.05 0.00	24.24 0.00 0.00	25.53 0.10 0.00	25.61 0.08 0.00	26.69 -0.11 0.00	26.61 -0.38 0.00	26.56 -0.57 0.00	26.45 -0.68 0.00	28.94 -0.86 0.00	32.09 -0.86 0.00	40.18 -0.69 0.00	37.70 -0.54 0.00	36.05 -0.44 0.00	35.69 -0.29 0.00	31.11 -0.28 0.00	28.61 -0.23 0.00	26.80 0.03 0.00
BRANSCOMB___SOLAR 323811	28.44 1.53 0.00	26.65 1.36 0.00	24.78 1.22 0.00	23.55 1.21 0.00	23.50 1.22 0.00	23.52 1.27 0.00	24.55 1.37 0.00	24.74 1.27 0.00	25.77 1.53 0.00	27.04 1.60 0.00	27.04 1.51 0.00	28.40 1.61 0.00	28.63 1.65 0.00	28.89 1.76 0.00	28.92 1.79 0.00	31.90 2.00 -0.09	35.19 2.24 0.00	43.74 2.86 0.00	47.57 2.98 -6.35	44.46 2.88 -5.10	39.98 2.91 -1.09	33.88 2.48 0.00	31.03 2.19 0.00	28.51 1.74 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	34.09 2.29 -4.89	30.85 1.82 -3.75	28.74 1.72 -3.46	26.37 1.68 -2.35	27.11 1.69 -3.14	25.78 1.74 -1.78	25.70 1.83 -0.68	25.58 1.95 -0.16	29.76 2.06 -3.46	33.89 2.24 -6.22	35.20 2.45 -7.22	37.32 2.63 -7.90	38.56 2.97 -8.61	40.08 3.17 -9.78	41.11 3.34 -10.64	41.31 3.82 -7.69	48.48 4.15 -11.38	67.31 4.90 -21.53	43.75 4.02 -1.50	41.41 3.72 -1.20	39.68 3.60 -0.10	35.47 3.14 -0.94	32.51 2.77 -0.90	32.11 2.38 -2.95



BRISTLHL_115KV_TB1 79998	26.56 -0.35 0.00	24.88 -0.40 0.00	23.15 -0.40 0.00	21.94 -0.40 0.00	21.85 -0.42 0.00	21.86 -0.40 0.00	22.75 -0.44 0.00	23.02 -0.45 0.00	23.76 -0.48 0.00	24.85 -0.58 0.00	24.85 -0.69 0.00	26.23 -0.64 -0.08	26.45 -0.57 -0.03	26.61 -0.54 -0.03	26.58 -0.54 0.00	29.26 -0.57 -0.02	32.45 -0.56 -0.06	41.73 -0.69 -1.55	38.12 -0.61 -0.49	36.96 -0.58 -1.06	35.64 -0.58 -0.24	30.90 -0.50 -0.01	28.41 -0.43 0.00	26.23 -0.56 -0.03
BROOKHAVEN___DRP 24191	33.74 1.94 -4.89	30.52 1.49 -3.75	28.45 1.44 -3.46	26.05 1.36 -2.35	26.79 1.38 -3.14	25.49 1.45 -1.78	25.44 1.58 -0.68	25.27 1.64 -0.16	29.42 1.72 -3.46	33.58 1.93 -6.22	35.02 2.27 -7.22	37.16 2.49 -7.87	38.37 2.81 -8.58	39.86 2.98 -9.75	40.89 3.15 -10.62	41.07 3.61 -7.66	42.95 3.92 -6.08	62.78 4.66 -17.25	43.52 3.79 -1.50	41.12 3.43 -1.20	39.35 3.27 -0.10	35.22 2.89 -0.94	32.11 2.36 -0.90	31.76 2.03 -2.95
BROOKLYN_NAVY_YARD 23515	28.60 1.70 0.00	26.47 1.19 0.00	24.66 1.11 0.00	23.43 1.09 0.00	23.37 1.09 0.00	23.39 1.13 0.00	24.41 1.23 0.00	24.83 1.36 0.00	25.77 1.53 0.00	27.24 1.81 0.00	27.48 1.94 0.00	28.94 2.14 0.00	29.42 2.43 0.00	29.81 2.69 0.00	29.89 2.77 0.00	33.01 3.13 -0.07	36.24 3.29 0.00	44.76 3.89 0.00	43.06 3.33 -1.50	40.75 3.07 -1.20	38.96 2.88 -0.10	33.81 2.42 0.00	30.97 2.13 0.00	28.54 1.77 0.00
BROOKLYN___ARMY_DRP 323595	39.11 1.94 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.62 1.34 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.53 -0.01	39.07 1.65 -13.18	39.33 1.86 -12.04	39.46 2.07 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.11 2.85 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.80 3.36 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.36 -8.28	39.14 1.98 -10.39
BROOKVLE_69_KV_TB1 55790	34.06 2.26 -4.89	30.80 1.77 -3.75	28.66 1.65 -3.46	26.30 1.61 -2.35	27.04 1.63 -3.14	25.66 1.62 -1.78	25.58 1.72 -0.68	25.48 1.85 -0.16	29.69 1.99 -3.46	33.86 2.21 -6.22	35.28 2.53 -7.22	37.47 2.81 -7.86	38.69 3.13 -8.57	40.21 3.34 -9.75	41.16 3.42 -10.61	41.28 3.82 -7.65	40.66 3.92 -3.79	45.53 4.66 0.00	43.60 3.86 -1.50	41.45 3.76 -1.20	39.71 3.63 -0.10	35.53 3.20 -0.94	32.57 2.83 -0.90	32.11 2.38 -2.95
BROOME_2_LFGE 323671	27.17 0.27 0.00	25.33 0.05 0.00	23.58 0.02 0.00	22.32 -0.02 0.00	22.21 -0.07 0.00	22.23 -0.02 0.00	23.12 -0.07 0.00	23.40 -0.07 0.00	24.10 -0.14 0.00	25.28 -0.15 0.00	25.31 -0.23 0.00	26.53 -0.24 0.03	26.95 -0.03 0.01	27.20 0.08 0.01	27.24 0.11 0.00	29.89 0.06 -0.02	32.92 0.00 0.02	39.82 -0.12 0.93	38.59 0.00 -0.35	36.53 0.00 -0.04	35.93 0.00 0.04	31.58 0.19 0.00	29.07 0.23 0.00	26.73 -0.03 0.01
BROOME___LFGE 323600	27.17 0.27 0.00	25.33 0.05 0.00	23.58 0.02 0.00	22.32 -0.02 0.00	22.21 -0.07 0.00	22.23 -0.02 0.00	23.12 -0.07 0.00	23.40 -0.07 0.00	24.10 -0.14 0.00	25.28 -0.15 0.00	25.31 -0.23 0.00	26.53 -0.24 0.03	26.95 -0.03 0.01	27.20 0.08 0.01	27.24 0.11 0.00	29.89 0.06 -0.02	32.92 0.00 0.02	39.82 -0.12 0.93	38.59 0.00 -0.35	36.53 0.00 -0.04	35.93 0.00 0.04	31.58 0.19 0.00	29.07 0.23 0.00	26.73 -0.03 0.01
BROWNFLS_115KV_TB_3_5 80003	26.37 -0.54 0.00	24.93 -0.35 0.00	23.20 -0.35 0.00	21.96 -0.38 0.00	21.87 -0.40 0.00	21.81 -0.45 0.00	22.77 -0.42 0.00	23.00 -0.47 0.00	23.71 -0.53 0.00	24.95 -0.48 0.00	25.00 -0.54 0.00	26.13 -0.67 0.00	26.18 -0.81 0.00	26.12 -1.00 0.00	25.93 -1.19 0.00	28.50 -1.31 0.00	31.63 -1.32 0.00	39.61 -1.27 0.00	37.21 -1.03 0.00	35.57 -0.91 0.00	35.15 -0.83 0.00	30.64 -0.75 0.00	28.18 -0.66 0.00	26.26 -0.51 0.00
BROWNSV1_27_KV_LOAD 356125	28.84 1.94 0.00	26.67 1.39 0.00	24.85 1.30 0.00	23.59 1.25 0.00	23.54 1.27 0.00	23.55 1.29 0.00	24.58 1.39 0.00	25.04 1.57 0.00	25.91 1.67 0.00	27.34 1.91 0.00	27.66 2.12 0.00	29.18 2.38 0.00	29.69 2.70 0.00	30.03 2.90 0.00	30.14 3.01 0.00	33.31 3.43 -0.07	36.54 3.59 0.00	45.17 4.29 0.00	43.41 3.67 -1.50	41.12 3.43 -1.20	39.32 3.24 -0.10	34.10 2.70 0.00	31.26 2.42 0.00	28.75 1.98 0.00
BURROWS___LYONSDAL 23803	27.07 0.16 0.00	25.43 0.15 0.00	23.69 0.14 0.00	22.43 0.09 0.00	22.32 0.04 0.00	22.30 0.04 0.00	23.28 0.09 0.00	23.54 0.07 0.00	24.24 0.00 0.00	25.43 0.00 0.00	25.51 -0.03 0.00	26.74 -0.05 0.00	26.99 0.00 0.00	27.02 -0.11 0.00	26.85 -0.27 0.00	29.57 -0.24 0.00	32.78 -0.16 0.00	40.92 0.04 0.00	38.47 0.23 0.00	36.70 0.22 0.00	36.19 0.22 0.00	31.55 0.16 0.00	29.01 0.17 0.00	26.88 0.11 0.00
CAITHNESS_CC_1 323624	33.74 1.94 -4.89	30.52 1.49 -3.75	28.43 1.41 -3.46	26.05 1.36 -2.35	26.79 1.38 -3.14	25.49 1.45 -1.78	25.45 1.58 -0.68	25.27 1.64 -0.16	29.45 1.75 -3.46	33.69 2.04 -6.22	35.00 2.25 -7.22	37.10 2.44 -7.87	38.29 2.72 -8.58	39.86 2.98 -9.75	40.81 3.06 -10.62	40.98 3.52 -7.66	42.84 3.82 -6.07	62.58 4.54 -17.17	43.45 3.71 -1.50	40.97 3.28 -1.20	39.14 3.06 -0.10	35.16 2.83 -0.94	32.13 2.39 -0.90	31.76 2.03 -2.95
CALPINE BETH_PAGE_GT4 24209	33.98 2.18 -4.89	30.73 1.69 -3.75	28.62 1.60 -3.46	26.23 1.54 -2.35	26.97 1.56 -3.14	25.62 1.58 -1.78	25.54 1.67 -0.68	25.43 1.81 -0.16	29.64 1.94 -3.46	33.76 2.11 -6.22	35.08 2.32 -7.22	37.23 2.57 -7.87	38.37 2.81 -8.58	39.86 2.98 -9.75	40.72 2.98 -10.61	40.83 3.37 -7.65	40.79 3.59 -4.25	46.45 4.25 -1.32	43.18 3.44 -1.50	40.94 3.25 -1.20	39.39 3.31 -0.10	35.32 2.98 -0.94	32.39 2.65 -0.90	31.97 2.25 -2.95
CALPINE_BETH_PAGE_GT_4 323586	34.01 2.21 -4.90	30.73 1.69 -3.75	28.62 1.60 -3.46	26.23 1.54 -2.35	26.97 1.56 -3.14	25.62 1.58 -1.78	25.54 1.67 -0.68	25.41 1.78 -0.16	29.66 1.96 -3.46	33.86 2.21 -6.22	35.10 2.35 -7.22	37.23 2.57 -7.87	38.37 2.81 -8.58	39.89 3.01 -9.75	40.72 2.98 -10.61	40.83 3.37 -7.65	40.79 3.59 -4.25	46.41 4.21 -1.32	43.18 3.44 -1.50	40.83 3.14 -1.20	39.32 3.24 -0.10	35.32 2.98 -0.94	32.39 2.65 -0.90	31.94 2.22 -2.95
CALPINE_BP_GT1 23823	34.01 2.21 -4.90	30.73 1.69 -3.75	28.62 1.60 -3.46	26.23 1.54 -2.35	26.97 1.56 -3.14	25.62 1.58 -1.78	25.54 1.67 -0.68	25.41 1.78 -0.16	29.66 1.96 -3.46	33.86 2.21 -6.22	35.10 2.35 -7.22	37.23 2.57 -7.87	38.37 2.81 -8.58	39.89 3.01 -9.75	40.72 2.98 -10.61	40.83 3.37 -7.65	40.79 3.59 -4.25	46.41 4.21 -1.32	43.18 3.44 -1.50	40.83 3.14 -1.20	39.32 3.24 -0.10	35.32 2.98 -0.94	32.39 2.65 -0.90	31.94 2.22 -2.95
CALSPAN___DRP 24200	26.42 -0.48 0.00	24.47 -0.81 0.00	22.75 -0.80 0.00	21.47 -0.87 0.00	21.27 -1.00 0.00	21.34 -0.91 0.00	22.00 -1.18 0.00	22.25 -1.22 0.00	22.62 -1.62 0.00	23.68 -1.75 0.00	23.80 -1.74 0.00	24.91 -1.80 0.09	25.50 -1.46 0.03	25.74 -1.36 0.03	25.99 -1.14 0.00	28.22 -1.58 0.01	30.90 -1.98 0.07	34.98 -2.98 2.92	35.54 -2.37 0.33	33.14 -2.30 1.05	33.67 -2.01 0.29	30.23 -1.16 0.01	27.97 -0.87 0.00	25.61 -1.12 0.03



CALVERTON___SOLAR 323806	33.82 2.02 -4.89	30.57 1.54 -3.75	28.48 1.46 -3.46	26.10 1.41 -2.35	26.84 1.43 -3.14	25.51 1.47 -1.78	25.49 1.62 -0.68	25.29 1.67 -0.16	29.47 1.77 -3.46	33.74 2.09 -6.22	35.13 2.38 -7.22	37.26 2.60 -7.87	38.45 2.89 -8.58	40.03 3.15 -9.75	41.00 3.25 -10.62	41.16 3.70 -7.66	43.08 4.05 -6.08	62.97 4.82 -17.27	43.64 3.90 -1.50	41.16 3.47 -1.20	39.32 3.24 -0.10	35.32 2.98 -0.94	32.19 2.45 -0.90	31.78 2.06 -2.95
CANDIGU_WT_PWR 323617	26.82 -0.08 0.00	24.85 -0.43 0.00	23.13 -0.42 0.00	21.83 -0.51 0.00	21.65 -0.62 0.00	21.68 -0.58 0.00	22.44 -0.74 0.00	22.70 -0.77 0.00	23.27 -0.97 0.00	24.37 -1.07 0.00	24.29 -1.25 0.00	25.37 -1.37 0.06	25.86 -1.11 0.02	26.13 -0.98 0.02	26.23 -0.89 0.00	28.65 -1.16 0.00	31.48 -1.42 0.05	35.81 -2.04 3.03	36.56 -1.60 0.08	34.41 -1.46 0.62	34.54 -1.26 0.18	30.70 -0.69 0.01	28.38 -0.46 0.00	25.97 -0.78 0.02
CARR STREET_E_SYR 24060	26.72 -0.19 0.00	24.98 -0.30 0.00	23.25 -0.31 0.00	22.03 -0.31 0.00	21.94 -0.33 0.00	21.94 -0.31 0.00	22.84 -0.35 0.00	23.12 -0.35 0.00	23.80 -0.44 0.00	24.90 -0.54 0.00	24.95 -0.59 0.00	26.22 -0.54 0.04	26.54 -0.43 0.02	26.73 -0.38 0.02	26.72 -0.41 0.00	29.39 -0.42 0.00	32.52 -0.39 0.04	39.44 -0.53 0.90	37.50 -0.46 0.29	35.43 -0.44 0.61	35.40 -0.43 0.14	31.05 -0.34 0.00	28.55 -0.29 0.00	26.30 -0.46 0.02
CARTHAGE___PAPER 23857	26.29 -0.62 0.00	24.75 -0.53 0.00	23.03 -0.52 0.00	21.78 -0.56 0.00	21.70 -0.58 0.00	21.66 -0.60 0.00	22.63 -0.56 0.00	22.86 -0.61 0.00	23.54 -0.70 0.00	24.67 -0.76 0.00	24.72 -0.82 0.00	25.91 -0.88 0.00	26.04 -0.95 0.00	26.04 -1.09 0.00	25.88 -1.25 0.00	28.53 -1.28 0.00	31.70 -1.25 0.00	39.73 -1.14 0.00	37.40 -0.84 0.00	35.72 -0.77 0.00	35.26 -0.72 0.00	30.71 -0.69 0.00	28.21 -0.63 0.00	26.16 -0.61 0.00
CASSADAGA_WT_PWR 323784	27.39 0.48 0.00	25.23 -0.05 0.00	23.46 -0.09 0.00	22.09 -0.25 0.00	21.85 -0.42 0.00	21.94 -0.31 0.00	22.47 -0.72 0.00	22.79 -0.68 0.00	23.32 -0.92 0.00	24.47 -0.97 0.00	24.36 -1.17 0.00	25.24 -1.47 0.08	25.85 -1.11 0.03	26.04 -1.06 0.03	26.07 -1.06 0.00	28.34 -1.46 0.01	30.97 -1.91 0.07	35.17 -2.74 2.97	36.01 -1.95 0.28	33.80 -1.71 0.97	34.12 -1.58 0.27	30.70 -0.69 0.01	28.46 -0.38 0.00	25.96 -0.78 0.03
CE_DUNWOOD___DRP 24194	28.44 1.53 0.00	26.39 1.11 0.00	24.59 1.04 0.00	23.37 1.03 0.00	23.32 1.05 0.00	23.32 1.07 0.00	24.32 1.14 0.00	24.71 1.24 0.00	25.60 1.36 0.00	26.98 1.55 0.00	27.27 1.74 0.00	28.73 1.93 0.00	29.20 2.21 0.00	29.54 2.41 0.00	29.65 2.52 0.00	32.74 2.86 -0.07	35.98 3.03 0.00	44.43 3.56 0.00	42.76 3.02 -1.50	40.50 2.81 -1.20	38.71 2.63 -0.10	33.63 2.23 0.00	30.83 1.99 0.00	28.40 1.63 0.00
CE_MILLWOOD___DRP 24193	28.39 1.48 0.00	26.34 1.06 0.00	24.57 1.01 0.00	23.32 0.98 0.00	23.28 1.00 0.00	23.28 1.02 0.00	24.28 1.09 0.00	24.67 1.20 0.00	25.55 1.31 0.00	26.93 1.50 0.00	27.22 1.69 0.00	28.67 1.88 0.00	29.15 2.16 0.00	29.49 2.36 0.00	29.57 2.44 0.00	32.65 2.77 -0.07	35.88 2.93 0.00	44.35 3.47 0.00	42.67 2.94 -1.49	40.42 2.74 -1.20	38.63 2.55 -0.10	33.56 2.17 0.00	30.77 1.93 0.00	28.35 1.58 0.00
CE_NYC2_DRP 24202	28.73 1.83 0.00	26.57 1.29 0.00	24.75 1.20 0.00	23.52 1.18 0.00	23.48 1.20 0.00	23.44 1.18 0.00	24.46 1.28 0.00	24.88 1.41 0.00	25.79 1.55 0.00	27.19 1.75 0.00	27.50 1.97 0.00	28.99 2.20 0.00	29.50 2.51 0.00	29.84 2.71 0.00	29.95 2.82 0.00	33.10 3.22 -0.07	36.34 3.39 0.00	44.80 3.92 0.00	43.07 3.33 -1.50	40.83 3.14 -1.20	39.03 2.95 -0.10	33.88 2.48 0.00	31.06 2.22 0.00	28.62 1.85 0.00
CE_NYC_DRP 24195	28.63 1.72 0.00	26.52 1.24 0.00	24.71 1.15 0.00	23.48 1.14 0.00	23.43 1.16 0.00	23.41 1.16 0.00	24.44 1.25 0.00	24.88 1.41 0.00	25.77 1.53 0.00	27.16 1.73 0.00	27.48 1.94 0.00	28.97 2.17 0.00	29.47 2.48 0.00	29.81 2.69 0.00	29.92 2.79 0.00	33.04 3.16 -0.07	36.28 3.33 0.00	44.80 3.92 0.00	43.07 3.33 -1.50	40.79 3.10 -1.20	38.99 2.91 -0.10	33.85 2.45 0.00	31.03 2.19 0.00	28.56 1.79 0.00
CHAFFEE___LFGE 323603	26.55 -0.35 0.00	24.52 -0.76 0.00	22.80 -0.75 0.00	21.51 -0.83 0.00	21.30 -0.98 0.00	21.39 -0.87 0.00	22.05 -1.14 0.00	22.34 -1.13 0.00	22.81 -1.43 0.00	23.91 -1.53 0.00	23.88 -1.66 0.00	24.94 -1.77 0.09	25.58 -1.38 0.03	25.90 -1.19 0.03	26.07 -1.06 0.00	28.31 -1.49 0.01	30.93 -1.94 0.07	35.07 -2.86 2.94	35.60 -2.33 0.30	33.26 -2.23 1.00	33.75 -1.94 0.28	30.32 -1.07 0.01	28.06 -0.78 0.00	25.62 -1.12 0.03
CHATEAUG_35_KV_LOAD 355732	26.72 -0.19 0.00	25.33 0.05 0.00	23.60 0.05 0.00	22.32 -0.02 0.00	22.25 -0.02 0.00	22.14 -0.11 0.00	23.09 -0.09 0.00	23.31 -0.16 0.00	24.07 -0.17 0.00	25.38 -0.05 0.00	25.43 -0.10 0.00	26.37 -0.43 0.00	26.18 -0.81 0.00	26.07 -1.06 0.00	25.88 -1.25 0.00	28.20 -1.61 0.00	31.27 -1.68 0.00	39.32 -1.55 0.00	36.98 -1.26 0.00	35.46 -1.02 0.00	35.22 -0.76 0.00	30.77 -0.63 0.00	28.38 -0.46 0.00	26.66 -0.11 0.00
CHATEAUG_WT_PWR 323614	26.72 -0.19 0.00	25.33 0.05 0.00	23.58 0.02 0.00	22.32 -0.02 0.00	22.25 -0.02 0.00	22.14 -0.11 0.00	23.07 -0.12 0.00	23.28 -0.19 0.00	24.07 -0.17 0.00	25.36 -0.08 0.00	25.44 -0.10 0.00	26.34 -0.46 0.00	26.18 -0.81 0.00	26.01 -1.11 0.00	25.85 -1.27 0.00	28.14 -1.67 0.00	31.17 -1.78 0.00	39.24 -1.64 0.00	36.98 -1.26 0.00	35.39 -1.09 0.00	35.18 -0.79 0.00	30.77 -0.63 0.00	28.38 -0.46 0.00	26.66 -0.11 0.00
CHAT_HIGH_FALL_HYD 323578	26.72 -0.19 0.00	25.33 0.05 0.00	23.60 0.05 0.00	22.32 -0.02 0.00	22.25 -0.02 0.00	22.14 -0.11 0.00	23.09 -0.09 0.00	23.31 -0.16 0.00	24.07 -0.17 0.00	25.38 -0.05 0.00	25.43 -0.10 0.00	26.37 -0.43 0.00	26.18 -0.81 0.00	26.07 -1.06 0.00	25.88 -1.25 0.00	28.20 -1.61 0.00	31.27 -1.68 0.00	39.32 -1.55 0.00	36.98 -1.26 0.00	35.46 -1.02 0.00	35.22 -0.76 0.00	30.77 -0.63 0.00	28.38 -0.46 0.00	26.66 -0.11 0.00
CHAUTAUQUA___LFGE 323629	27.04 0.14 0.00	24.90 -0.38 0.00	23.15 -0.40 0.00	21.83 -0.51 0.00	21.61 -0.67 0.00	21.70 -0.56 0.00	22.31 -0.88 0.00	22.63 -0.84 0.00	23.10 -1.14 0.00	24.24 -1.19 0.00	24.18 -1.35 0.00	25.21 -1.50 0.09	25.80 -1.16 0.03	26.07 -1.03 0.03	26.20 -0.92 0.00	28.49 -1.31 0.01	31.20 -1.68 0.07	35.41 -2.53 2.93	36.03 -1.91 0.30	33.74 -1.75 1.00	34.15 -1.55 0.28	30.63 -0.75 0.01	28.35 -0.49 0.00	25.94 -0.80 0.03
CHERRYST_13_KV_LD 356241	28.73 1.83 0.00	26.60 1.31 0.00	24.78 1.22 0.00	23.52 1.18 0.00	23.48 1.20 0.00	23.48 1.22 0.00	24.51 1.32 0.00	24.95 1.48 0.00	25.84 1.60 0.00	27.24 1.81 0.00	27.55 2.02 0.00	29.05 2.25 0.00	29.55 2.56 0.00	29.92 2.79 0.00	30.00 2.88 0.00	33.16 3.28 -0.07	36.41 3.46 0.00	44.96 4.09 0.00	43.22 3.48 -1.50	40.90 3.21 -1.20	39.10 3.02 -0.10	33.94 2.54 0.00	31.12 2.28 0.00	28.64 1.87 0.00



CHESTROR_138KV_BK263 355645	28.12 1.21 0.00	26.14 0.86 0.00	24.38 0.82 0.00	23.14 0.80 0.00	23.10 0.82 0.00	23.10 0.85 0.00	24.07 0.88 0.00	24.41 0.94 0.00	25.26 1.02 0.00	26.60 1.17 0.00	26.89 1.35 0.00	28.27 1.47 0.00	28.74 1.75 0.00	29.03 1.90 0.00	29.11 1.98 0.00	32.14 2.27 -0.07	35.32 2.37 0.00	43.70 2.82 0.00	42.01 2.41 -1.36	39.84 2.26 -1.09	38.16 2.09 -0.09	33.15 1.76 0.00	30.43 1.59 0.00	28.05 1.28 0.00
CH_MIDHUDSON___DRP 24192	28.28 1.37 0.00	26.32 1.04 0.00	24.54 0.99 0.00	23.30 0.96 0.00	23.28 1.00 0.00	23.26 1.00 0.00	24.23 1.04 0.00	24.57 1.10 0.00	25.45 1.21 0.00	26.83 1.40 0.00	27.12 1.58 0.00	28.51 1.71 0.00	28.99 2.00 0.00	29.27 2.14 0.00	29.38 2.25 0.00	32.45 2.56 -0.07	35.68 2.73 0.00	44.14 3.27 0.00	42.63 2.83 -1.56	40.37 2.63 -1.26	38.54 2.45 -0.11	33.47 2.07 0.00	30.66 1.82 0.00	28.27 1.50 0.00
CH_MISC_IPPS 23765	28.49 1.59 0.00	26.47 1.19 0.00	24.68 1.13 0.00	23.43 1.09 0.00	23.39 1.11 0.00	23.37 1.11 0.00	24.32 1.14 0.00	24.67 1.20 0.00	25.60 1.36 0.00	27.04 1.60 0.00	27.27 1.74 0.00	28.64 1.85 0.00	29.15 2.16 0.00	29.46 2.33 0.00	29.54 2.41 0.00	32.62 2.74 -0.07	35.91 2.97 0.00	44.47 3.60 0.00	42.86 3.10 -1.52	40.59 2.88 -1.22	38.75 2.66 -0.11	33.66 2.26 0.00	30.86 2.02 0.00	28.46 1.69 0.00
CH_RES_BVR_FALLS 23983	26.64 -0.27 0.00	25.13 -0.15 0.00	23.41 -0.14 0.00	22.18 -0.16 0.00	22.12 -0.15 0.00	22.06 -0.20 0.00	22.95 -0.23 0.00	23.21 -0.26 0.00	23.97 -0.27 0.00	25.18 -0.25 0.00	25.26 -0.28 0.00	26.42 -0.38 0.00	26.47 -0.51 0.00	26.50 -0.62 0.00	26.47 -0.65 0.00	29.07 -0.74 0.00	32.16 -0.79 0.00	40.01 -0.86 0.00	37.51 -0.73 0.00	35.83 -0.66 0.00	35.40 -0.58 0.00	30.96 -0.44 0.00	28.44 -0.40 0.00	26.50 -0.27 0.00
CH_RES_NIAGARA 23895	25.45 -1.45 0.00	23.59 -1.69 0.00	21.90 -1.65 0.00	20.69 -1.65 0.00	20.49 -1.78 0.00	20.56 -1.69 0.00	21.22 -1.97 0.00	21.43 -2.04 0.00	21.77 -2.47 0.00	22.81 -2.62 0.00	22.91 -2.63 0.00	24.34 -2.36 0.10	24.69 -2.27 0.03	24.90 -2.20 0.03	25.09 -2.03 0.00	27.42 -2.38 0.01	30.20 -2.67 0.08	34.01 -3.96 2.90	34.55 -3.29 0.40	32.04 -3.28 1.16	32.79 -2.88 0.31	29.13 -2.26 0.01	26.97 -1.87 0.00	24.86 -1.87 0.03
CH_RES_SYRACUSE 23985	26.80 -0.11 0.00	25.08 -0.20 0.00	23.34 -0.21 0.00	22.12 -0.22 0.00	22.03 -0.24 0.00	22.03 -0.22 0.00	22.93 -0.25 0.00	23.24 -0.23 0.00	23.90 -0.34 0.00	25.00 -0.43 0.00	25.05 -0.49 0.00	26.37 -0.43 0.00	26.67 -0.32 0.00	26.85 -0.27 0.00	26.83 -0.30 0.00	29.52 -0.30 -0.01	32.68 -0.26 0.00	40.51 -0.37 0.00	37.97 -0.27 0.00	36.23 -0.25 0.00	35.73 -0.25 0.00	31.18 -0.22 0.00	28.70 -0.14 0.00	26.45 -0.32 0.00
CLINTON_WT_PWR 323605	26.72 -0.19 0.00	25.33 0.05 0.00	23.58 0.02 0.00	22.32 -0.02 0.00	22.25 -0.02 0.00	22.14 -0.11 0.00	23.07 -0.12 0.00	23.28 -0.19 0.00	24.07 -0.17 0.00	25.36 -0.08 0.00	25.44 -0.10 0.00	26.34 -0.46 0.00	26.18 -0.81 0.00	26.01 -1.11 0.00	25.85 -1.27 0.00	28.14 -1.67 0.00	31.17 -1.78 0.00	39.24 -1.64 0.00	36.98 -1.26 0.00	35.39 -1.09 0.00	35.18 -0.79 0.00	30.77 -0.63 0.00	28.38 -0.46 0.00	26.66 -0.11 0.00
CLINTON___LFGE 323618	27.01 0.11 0.00	25.61 0.33 0.00	23.84 0.28 0.00	22.54 0.20 0.00	22.48 0.20 0.00	22.37 0.11 0.00	23.35 0.16 0.00	23.54 0.07 0.00	24.31 0.07 0.00	25.69 0.25 0.00	25.74 0.20 0.00	26.64 -0.16 0.00	26.45 -0.54 0.00	26.29 -0.84 0.00	26.12 -1.00 0.00	28.38 -1.43 0.00	31.53 -1.42 0.00	39.69 -1.19 0.00	37.32 -0.92 0.00	35.79 -0.69 0.00	35.62 -0.36 0.00	31.11 -0.28 0.00	28.70 -0.14 0.00	26.93 0.16 0.00
COBBLENY_34_KV_TB1 80064	26.47 -0.43 0.00	24.52 -0.76 0.00	22.80 -0.75 0.00	21.51 -0.83 0.00	21.30 -0.98 0.00	21.39 -0.87 0.00	22.05 -1.14 0.00	22.32 -1.15 0.00	22.66 -1.58 0.00	23.75 -1.68 0.00	23.88 -1.66 0.00	24.92 -1.80 0.09	25.58 -1.38 0.03	25.82 -1.27 0.03	26.07 -1.06 0.00	28.31 -1.49 0.01	30.96 -1.91 0.07	35.03 -2.90 2.94	35.64 -2.29 0.30	33.23 -2.26 1.00	33.72 -1.98 0.28	30.32 -1.07 0.01	28.06 -0.78 0.00	25.62 -1.12 0.03
COFFEEN___115KV_TB3 355620	26.39 -0.51 0.00	24.83 -0.46 0.00	23.08 -0.47 0.00	21.83 -0.51 0.00	21.72 -0.56 0.00	21.70 -0.56 0.00	22.68 -0.51 0.00	22.91 -0.56 0.00	23.56 -0.68 0.00	24.67 -0.76 0.00	24.67 -0.87 0.00	25.93 -0.88 0.00	26.10 -0.89 -0.02	26.13 -1.00 -0.01	25.93 -1.19 0.00	28.65 -1.16 -0.01	31.88 -1.09 -0.02	40.44 -0.86 -0.42	37.91 -0.46 -0.13	36.37 -0.40 -0.29	35.65 -0.40 -0.07	30.99 -0.41 0.00	28.38 -0.46 0.00	26.21 -0.56 -0.01
COLDSPRG_115KV_BK1 355956	27.55 0.65 0.00	25.46 0.18 0.00	23.69 0.14 0.00	22.34 0.00 0.00	22.12 -0.16 0.00	22.23 -0.02 0.00	22.84 -0.35 0.00	23.16 -0.31 0.00	23.51 -0.73 0.00	24.62 -0.81 0.00	24.77 -0.77 0.00	25.51 -1.21 0.08	26.34 -0.62 0.03	26.58 -0.52 0.03	26.77 -0.35 0.00	28.94 -0.86 0.00	31.46 -1.42 0.07	35.69 -2.17 3.02	36.42 -1.57 0.25	34.15 -1.42 0.91	34.42 -1.30 0.26	31.23 -0.16 0.01	28.90 0.06 0.00	26.23 -0.51 0.03
COLONIE_LFGE___ 323577	27.90 1.00 0.00	26.12 0.83 0.00	24.33 0.78 0.00	23.12 0.78 0.00	23.12 0.85 0.00	23.10 0.85 0.00	24.11 0.93 0.00	24.38 0.91 0.00	25.31 1.07 0.00	26.58 1.15 0.00	26.71 1.18 0.00	28.06 1.26 0.00	28.36 1.38 0.00	28.64 1.52 0.00	28.64 1.52 0.00	31.63 1.73 -0.09	34.86 1.91 0.00	43.16 2.29 0.00	46.16 2.14 -5.78	43.17 2.04 -4.64	38.92 1.98 -0.97	33.09 1.69 0.00	30.34 1.50 0.00	27.98 1.21 0.00
COOPERNY_115KV_TB1 80082	27.79 0.89 0.00	25.91 0.63 0.00	24.14 0.59 0.00	22.92 0.58 0.00	22.85 0.58 0.00	22.86 0.60 0.00	23.81 0.63 0.00	24.15 0.68 0.00	24.99 0.75 0.00	26.27 0.84 0.00	26.51 0.97 0.00	27.87 1.07 0.00	28.26 1.27 0.00	28.51 1.38 0.00	28.56 1.44 0.00	31.50 1.64 -0.05	34.66 1.71 0.00	42.92 2.04 0.00	41.03 1.76 -1.03	38.95 1.64 -0.83	37.56 1.51 -0.07	32.71 1.32 0.00	30.02 1.18 0.00	27.71 0.94 0.00
COPENHAGEN_WT_PWR 323753	26.29 -0.62 0.00	24.70 -0.58 0.00	22.96 -0.59 0.00	21.74 -0.60 0.00	21.63 -0.65 0.00	21.61 -0.65 0.00	22.56 -0.62 0.00	22.81 -0.66 0.00	23.44 -0.80 0.00	24.57 -0.86 0.00	24.62 -0.92 0.00	25.85 -0.96 -0.02	26.03 -0.97 -0.01	26.08 -1.06 -0.01	25.91 -1.22 0.00	28.59 -1.22 -0.01	31.78 -1.18 -0.02	40.23 -1.10 -0.45	37.62 -0.76 -0.14	36.10 -0.69 -0.31	35.40 -0.65 -0.07	30.77 -0.63 0.00	28.23 -0.61 0.00	26.08 -0.70 -0.01
CORNELL_____ 23752	27.47 0.57 0.00	25.69 0.40 0.00	23.91 0.35 0.00	22.61 0.27 0.00	22.50 0.22 0.00	22.50 0.24 0.00	23.46 0.28 0.00	23.75 0.28 0.00	24.41 0.17 0.00	25.56 0.13 0.00	25.59 0.05 0.00	26.85 0.08 0.03	27.22 0.24 0.01	27.44 0.33 0.01	27.40 0.27 0.00	30.18 0.36 -0.01	33.38 0.46 0.03	46.75 0.65 -5.22	39.21 0.76 -0.21	37.15 0.77 0.10	36.63 0.72 0.06	32.08 0.69 0.00	29.50 0.66 0.00	27.08 0.32 0.01



CORONA__69_KV_TB1 355595	33.98 2.18 -4.89	30.70 1.67 -3.75	28.57 1.55 -3.46	26.21 1.52 -2.35	26.95 1.54 -3.14	25.58 1.54 -1.78	25.49 1.62 -0.68	25.39 1.76 -0.16	29.59 1.89 -3.46	33.76 2.11 -6.22	35.13 2.37 -7.22	37.29 2.63 -7.86	38.50 2.94 -8.57	40.02 3.15 -9.75	40.97 3.23 -10.61	41.07 3.61 -7.65	40.59 3.85 -3.79	45.45 4.58 0.00	43.52 3.79 -1.50	41.26 3.58 -1.20	39.53 3.45 -0.10	35.38 3.05 -0.94	32.45 2.71 -0.90	32.00 2.28 -2.95
CORTLAND__115KV_TB3 80093	27.20 0.30 0.00	25.43 0.15 0.00	23.69 0.14 0.00	22.43 0.09 0.00	22.32 0.04 0.00	22.34 0.09 0.00	23.26 0.07 0.00	23.54 0.07 0.00	24.24 0.00 0.00	25.38 -0.05 0.00	25.43 -0.10 0.00	26.69 -0.08 0.02	27.06 0.08 0.01	27.25 0.14 0.01	27.26 0.14 0.00	29.97 0.15 -0.01	33.16 0.23 0.02	42.23 0.25 -1.11	38.71 0.34 -0.12	36.69 0.33 0.12	36.22 0.32 0.08	31.74 0.35 0.00	29.19 0.35 0.00	26.87 0.11 0.01
COXSACKIE__GT 23611	28.36 1.45 0.00	26.65 1.36 0.00	24.78 1.22 0.00	23.55 1.21 0.00	23.50 1.22 0.00	23.46 1.20 0.00	24.35 1.16 0.00	24.46 0.99 0.00	25.38 1.14 0.00	26.58 1.15 0.00	26.71 1.18 0.00	27.87 1.07 0.00	28.26 1.27 0.00	28.48 1.36 0.00	28.54 1.41 0.00	31.59 1.70 -0.09	35.09 2.14 0.00	44.07 3.19 0.00	44.39 2.94 -3.20	41.83 2.77 -2.57	39.03 2.62 -0.43	33.63 2.23 0.00	30.80 1.96 0.00	28.43 1.66 0.00
CPV_VALLEY__CC1 323721	27.93 1.02 0.00	25.97 0.68 0.00	24.21 0.66 0.00	22.99 0.65 0.00	22.94 0.67 0.00	22.95 0.69 0.00	23.91 0.72 0.00	24.24 0.77 0.00	25.14 0.90 0.00	26.50 1.07 0.00	26.71 1.18 0.00	28.08 1.29 0.00	28.53 1.54 0.00	28.84 1.71 0.00	28.86 1.74 0.00	31.87 2.00 -0.06	35.02 2.08 0.00	43.29 2.41 0.00	41.54 2.06 -1.24	39.41 1.93 -0.99	37.82 1.76 -0.08	32.90 1.51 0.00	30.20 1.36 0.00	27.84 1.07 0.00
CPV_VALLEY__CC2 323722	27.93 1.02 0.00	25.97 0.68 0.00	24.21 0.66 0.00	22.99 0.65 0.00	22.94 0.67 0.00	22.95 0.69 0.00	23.91 0.72 0.00	24.24 0.77 0.00	25.14 0.90 0.00	26.50 1.07 0.00	26.71 1.18 0.00	28.08 1.29 0.00	28.53 1.54 0.00	28.84 1.71 0.00	28.86 1.74 0.00	31.87 2.00 -0.06	35.02 2.08 0.00	43.29 2.41 0.00	41.54 2.06 -1.24	39.41 1.93 -0.99	37.82 1.76 -0.08	32.90 1.51 0.00	30.20 1.36 0.00	27.84 1.07 0.00
CRESCENT__HYD 24018	27.90 1.00 0.00	26.12 0.83 0.00	24.33 0.78 0.00	23.12 0.78 0.00	23.12 0.85 0.00	23.10 0.85 0.00	24.11 0.93 0.00	24.38 0.91 0.00	25.31 1.07 0.00	26.58 1.15 0.00	26.71 1.18 0.00	28.06 1.26 0.00	28.36 1.38 0.00	28.64 1.52 0.00	28.64 1.52 0.00	31.63 1.73 -0.09	34.86 1.91 0.00	43.16 2.29 0.00	46.16 2.14 -5.78	43.17 2.04 -4.64	38.92 1.98 -0.97	33.09 1.69 0.00	30.34 1.50 0.00	27.98 1.21 0.00
CRICKET__VALLEY_CC1 323756	27.95 1.05 0.00	26.04 0.76 0.00	24.31 0.75 0.00	23.10 0.76 0.00	23.10 0.82 0.00	23.10 0.85 0.00	24.07 0.88 0.00	24.43 0.96 0.00	25.33 1.09 0.00	26.70 1.27 0.00	26.89 1.35 0.00	28.30 1.50 0.00	28.72 1.73 0.00	29.05 1.93 0.00	29.11 1.98 0.00	32.12 2.24 -0.08	35.32 2.37 0.00	43.66 2.78 0.00	42.31 2.37 -1.70	40.07 2.23 -1.36	38.16 2.05 -0.13	33.15 1.76 0.00	30.40 1.56 0.00	28.00 1.23 0.00
CRICKET__VALLEY_CC2 323757	27.95 1.05 0.00	26.04 0.76 0.00	24.31 0.75 0.00	23.10 0.76 0.00	23.10 0.82 0.00	23.10 0.85 0.00	24.07 0.88 0.00	24.43 0.96 0.00	25.33 1.09 0.00	26.70 1.27 0.00	26.89 1.35 0.00	28.30 1.50 0.00	28.72 1.73 0.00	29.05 1.93 0.00	29.11 1.98 0.00	32.12 2.24 -0.08	35.32 2.37 0.00	43.66 2.78 0.00	42.31 2.37 -1.70	40.07 2.23 -1.36	38.16 2.05 -0.13	33.15 1.76 0.00	30.40 1.56 0.00	28.00 1.23 0.00
CRICKET__VALLEY_CC3 323758	27.95 1.05 0.00	26.04 0.76 0.00	24.31 0.75 0.00	23.10 0.76 0.00	23.10 0.82 0.00	23.10 0.85 0.00	24.07 0.88 0.00	24.43 0.96 0.00	25.33 1.09 0.00	26.70 1.27 0.00	26.89 1.35 0.00	28.30 1.50 0.00	28.72 1.73 0.00	29.05 1.93 0.00	29.11 1.98 0.00	32.12 2.24 -0.08	35.32 2.37 0.00	43.66 2.78 0.00	42.31 2.37 -1.70	40.07 2.23 -1.36	38.16 2.05 -0.13	33.15 1.76 0.00	30.40 1.56 0.00	28.00 1.23 0.00
CRUCIBLE_METL_DRP 24180	26.80 -0.11 0.00	25.08 -0.20 0.00	23.34 -0.21 0.00	22.12 -0.22 0.00	22.03 -0.25 0.00	22.03 -0.22 0.00	22.93 -0.26 0.00	23.21 -0.26 0.00	23.93 -0.32 0.00	25.05 -0.38 0.00	25.05 -0.49 0.00	26.37 -0.43 0.00	26.66 -0.32 0.00	26.83 -0.30 0.00	26.83 -0.30 0.00	29.52 -0.30 -0.01	32.68 -0.26 0.00	40.51 -0.37 0.00	37.97 -0.27 0.00	36.23 -0.26 0.00	35.72 -0.25 0.00	31.18 -0.22 0.00	28.70 -0.14 0.00	26.45 -0.32 0.00
DAHOWA__HYDRO 323763	28.60 1.70 0.00	26.80 1.52 0.00	24.89 1.34 0.00	23.64 1.30 0.00	23.61 1.34 0.00	23.64 1.38 0.00	24.67 1.49 0.00	24.83 1.36 0.00	25.89 1.65 0.00	27.19 1.75 0.00	27.17 1.64 0.00	28.51 1.72 0.00	28.74 1.75 0.00	29.00 1.87 0.00	29.02 1.90 0.00	32.02 2.12 -0.10	35.35 2.40 0.00	43.94 3.07 0.00	47.89 3.21 -6.44	44.76 3.10 -5.17	40.25 3.17 -1.11	34.10 2.70 0.00	31.21 2.37 0.00	28.64 1.87 0.00
DANC__LFGE 323619	26.34 -0.57 0.00	24.70 -0.58 0.00	22.99 -0.57 0.00	21.76 -0.58 0.00	21.67 -0.60 0.00	21.66 -0.60 0.00	22.56 -0.62 0.00	22.81 -0.66 0.00	23.46 -0.78 0.00	24.57 -0.86 0.00	24.64 -0.89 0.00	25.94 -0.88 -0.03	26.13 -0.86 -0.01	26.24 -0.89 -0.01	26.10 -1.03 0.00	28.78 -1.04 -0.01	31.92 -1.06 -0.03	40.40 -1.10 -0.63	37.68 -0.76 -0.20	36.18 -0.73 -0.43	35.39 -0.68 -0.10	30.80 -0.60 0.00	28.26 -0.58 0.00	26.11 -0.67 -0.01
DANSKAMMER__1 23586	28.49 1.59 0.00	26.47 1.19 0.00	24.68 1.13 0.00	23.43 1.09 0.00	23.39 1.11 0.00	23.37 1.11 0.00	24.32 1.14 0.00	24.67 1.20 0.00	25.60 1.36 0.00	27.04 1.60 0.00	27.27 1.74 0.00	28.64 1.85 0.00	29.15 2.16 0.00	29.46 2.33 0.00	29.54 2.41 0.00	32.62 2.74 -0.07	35.91 2.97 0.00	44.47 3.60 0.00	42.86 3.10 -1.52	40.59 2.88 -1.22	38.75 2.66 -0.11	33.66 2.26 0.00	30.86 2.02 0.00	28.46 1.69 0.00
DANSKAMMER__2 23589	28.49 1.59 0.00	26.47 1.19 0.00	24.68 1.13 0.00	23.43 1.09 0.00	23.39 1.11 0.00	23.37 1.11 0.00	24.32 1.14 0.00	24.67 1.20 0.00	25.60 1.36 0.00	27.04 1.60 0.00	27.27 1.74 0.00	28.64 1.85 0.00	29.15 2.16 0.00	29.46 2.33 0.00	29.54 2.41 0.00	32.62 2.74 -0.07	35.91 2.97 0.00	44.47 3.60 0.00	42.86 3.10 -1.52	40.59 2.88 -1.22	38.75 2.66 -0.11	33.66 2.26 0.00	30.86 2.02 0.00	28.46 1.69 0.00
DANSKAMMER__3 23590	28.49 1.59 0.00	26.47 1.19 0.00	24.68 1.13 0.00	23.43 1.09 0.00	23.39 1.11 0.00	23.37 1.11 0.00	24.32 1.14 0.00	24.67 1.20 0.00	25.60 1.36 0.00	27.04 1.60 0.00	27.27 1.74 0.00	28.64 1.85 0.00	29.15 2.16 0.00	29.46 2.33 0.00	29.54 2.41 0.00	32.62 2.74 -0.07	35.91 2.97 0.00	44.47 3.60 0.00	42.86 3.10 -1.52	40.59 2.88 -1.22	38.75 2.66 -0.11	33.66 2.26 0.00	30.86 2.02 0.00	28.46 1.69 0.00



DANSKAMMER___4 23591	28.49 1.59 0.00	26.47 1.19 0.00	24.68 1.13 0.00	23.43 1.09 0.00	23.39 1.11 0.00	23.37 1.11 0.00	24.32 1.14 0.00	24.67 1.20 0.00	25.60 1.36 0.00	27.04 1.60 0.00	27.27 1.74 0.00	28.64 1.85 0.00	29.15 2.16 0.00	29.46 2.33 0.00	29.54 2.41 0.00	32.62 2.74 -0.07	35.91 2.97 0.00	44.47 3.60 0.00	42.86 3.10 -1.52	40.59 2.88 -1.22	38.75 2.66 -0.11	33.66 2.26 0.00	30.86 2.02 0.00	28.46 1.69 0.00
DANSKAMMER___DIESEL 23592	28.47 1.56 0.00	26.47 1.19 0.00	24.68 1.13 0.00	23.43 1.09 0.00	23.39 1.11 0.00	23.37 1.11 0.00	24.32 1.14 0.00	24.67 1.20 0.00	25.55 1.31 0.00	26.96 1.53 0.00	27.27 1.74 0.00	28.65 1.85 0.00	29.15 2.16 0.00	29.43 2.31 0.00	29.54 2.41 0.00	32.62 2.74 -0.07	35.88 2.93 0.00	44.47 3.60 0.00	42.86 3.10 -1.52	40.59 2.88 -1.22	38.75 2.66 -0.11	33.66 2.26 0.00	30.86 2.02 0.00	28.46 1.69 0.00
DARBY___SOLAR 323810	28.47 1.56 0.00	26.67 1.39 0.00	24.80 1.25 0.00	23.55 1.21 0.00	23.52 1.25 0.00	23.55 1.29 0.00	24.58 1.39 0.00	24.76 1.29 0.00	25.79 1.55 0.00	27.08 1.65 0.00	27.09 1.56 0.00	28.46 1.66 0.00	28.69 1.70 0.00	28.94 1.82 0.00	28.97 1.85 0.00	31.96 2.06 -0.09	35.25 2.31 0.00	43.82 2.94 0.00	47.61 3.02 -6.35	44.50 2.92 -5.10	40.02 2.95 -1.09	33.94 2.54 0.00	31.06 2.22 0.00	28.54 1.77 0.00
DASHVILLE___HYD 23610	28.14 1.24 0.00	26.14 0.86 0.00	24.38 0.82 0.00	23.14 0.80 0.00	23.10 0.82 0.00	23.06 0.80 0.00	23.97 0.79 0.00	24.31 0.84 0.00	25.16 0.92 0.00	26.55 1.12 0.00	26.86 1.33 0.00	28.24 1.45 0.00	28.74 1.75 0.00	29.03 1.90 0.00	29.13 2.01 0.00	32.18 2.30 -0.08	35.39 2.44 0.00	43.82 2.94 0.00	42.46 2.29 -1.92	40.15 2.12 -1.55	38.07 1.91 -0.19	33.12 1.73 0.00	30.40 1.56 0.00	28.08 1.31 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	34.30 2.50 -4.89	31.00 1.97 -3.75	28.88 1.86 -3.46	26.45 1.76 -2.35	27.19 1.78 -3.14	25.86 1.82 -1.78	25.82 1.95 -0.68	25.65 2.02 -0.16	29.78 2.08 -3.46	34.07 2.42 -6.22	35.69 2.94 -7.22	37.96 3.30 -7.87	39.18 3.62 -8.58	40.68 3.80 -9.75	41.68 3.93 -10.62	41.85 4.38 -7.66	43.84 4.81 -6.08	63.91 5.72 -17.32	44.48 4.74 -1.50	41.88 4.20 -1.20	40.04 3.96 -0.10	35.85 3.52 -0.94	32.54 2.80 -0.90	32.13 2.41 -2.95
DELAWARE___LFGE 323621	27.87 0.97 0.00	26.04 0.76 0.00	24.26 0.71 0.00	22.99 0.65 0.00	22.92 0.65 0.00	22.92 0.67 0.00	23.91 0.72 0.00	24.20 0.73 0.00	24.97 0.73 0.00	26.22 0.79 0.00	26.35 0.82 0.02	27.69 0.91 0.01	28.09 1.11 0.01	28.29 1.17 0.01	28.27 1.14 0.00	31.15 1.31 -0.03	34.35 1.42 0.01	42.35 1.80 0.32	41.15 1.72 -1.19	38.91 1.61 -0.82	37.63 1.55 -0.11	32.74 1.35 0.00	30.02 1.18 0.00	27.67 0.91 0.01
DERFIELD_115KV_TB7 355931	27.04 0.13 0.00	25.36 0.08 0.00	23.62 0.07 0.00	22.41 0.07 0.00	22.34 0.07 0.00	22.32 0.07 0.00	23.26 0.07 0.00	23.56 0.09 0.00	24.34 0.10 0.00	25.53 0.10 0.00	25.64 0.10 0.00	26.90 0.11 0.00	27.18 0.19 0.00	27.32 0.19 0.00	27.32 0.19 0.00	30.05 0.24 0.00	33.21 0.26 0.00	41.16 0.29 0.00	38.51 0.27 0.00	36.74 0.26 0.00	36.23 0.25 0.00	31.62 0.22 0.00	29.01 0.17 0.00	26.88 0.11 0.00
DOGLEVILLE___HYD 23807	26.47 -0.43 0.00	24.85 -0.43 0.00	23.15 -0.40 0.00	21.94 -0.40 0.00	21.90 -0.38 0.00	21.88 -0.38 0.00	22.81 -0.37 0.00	23.09 -0.38 0.00	23.85 -0.39 0.00	25.00 -0.43 0.00	25.08 -0.46 0.00	26.31 -0.48 0.00	26.53 -0.46 0.00	26.61 -0.52 0.00	26.50 -0.62 0.00	29.07 -0.74 0.00	31.99 -0.96 0.00	39.73 -1.14 0.00	37.21 -1.03 0.00	35.54 -0.95 0.00	35.04 -0.94 0.00	30.68 -0.72 0.00	28.12 -0.72 0.00	26.07 -0.70 0.00
DUNKIRK___115KV_TB_200 55889	26.88 -0.03 0.00	24.88 -0.40 0.00	23.13 -0.42 0.00	21.80 -0.54 0.00	21.58 -0.69 0.00	21.68 -0.58 0.00	22.28 -0.90 0.00	22.58 -0.89 0.00	22.96 -1.28 0.00	24.01 -1.42 0.00	24.16 -1.38 0.00	25.21 -1.50 0.09	25.80 -1.16 0.03	26.01 -1.09 0.03	26.20 -0.92 0.00	28.52 -1.28 0.01	31.23 -1.65 0.07	35.37 -2.58 2.93	36.02 -1.91 0.31	33.66 -1.82 1.00	34.08 -1.62 0.28	30.60 -0.78 0.01	28.32 -0.52 0.00	25.91 -0.83 0.03
DUNKIRK___1 23563	26.88 -0.03 0.00	24.88 -0.40 0.00	23.13 -0.42 0.00	21.80 -0.54 0.00	21.58 -0.69 0.00	21.68 -0.58 0.00	22.28 -0.90 0.00	22.58 -0.89 0.00	22.96 -1.28 0.00	24.01 -1.42 0.00	24.16 -1.38 0.00	25.21 -1.50 0.09	25.80 -1.16 0.03	26.01 -1.09 0.03	26.20 -0.92 0.00	28.52 -1.28 0.01	31.23 -1.65 0.07	35.37 -2.58 2.93	36.02 -1.91 0.31	33.66 -1.82 1.00	34.08 -1.62 0.28	30.60 -0.78 0.01	28.32 -0.52 0.00	25.91 -0.83 0.03
DUNKIRK___2 23564	26.88 -0.03 0.00	24.88 -0.40 0.00	23.13 -0.42 0.00	21.80 -0.54 0.00	21.58 -0.69 0.00	21.68 -0.58 0.00	22.28 -0.90 0.00	22.58 -0.89 0.00	22.96 -1.28 0.00	24.01 -1.42 0.00	24.16 -1.38 0.00	25.21 -1.50 0.09	25.80 -1.16 0.03	26.01 -1.09 0.03	26.20 -0.92 0.00	28.52 -1.28 0.01	31.23 -1.65 0.07	35.37 -2.58 2.93	36.02 -1.91 0.31	33.66 -1.82 1.00	34.08 -1.62 0.28	30.60 -0.78 0.01	28.32 -0.52 0.00	25.91 -0.83 0.03
DUNKIRK___3 23565	26.72 -0.19 0.00	24.70 -0.58 0.00	22.99 -0.57 0.00	21.67 -0.67 0.00	21.47 -0.80 0.00	21.54 -0.71 0.00	22.19 -1.00 0.00	22.46 -1.01 0.00	22.83 -1.41 0.00	23.88 -1.55 0.00	24.03 -1.51 0.00	25.08 -1.63 0.09	25.69 -1.27 0.03	25.93 -1.17 0.03	26.12 -1.00 0.00	28.43 -1.37 0.01	31.10 -1.78 0.07	35.26 -2.70 2.91	35.83 -2.10 0.31	33.43 -2.04 1.01	33.90 -1.80 0.28	30.45 -0.94 0.01	28.21 -0.63 0.00	25.78 -0.96 0.03
DUNKIRK___4 23566	26.72 -0.19 0.00	24.70 -0.58 0.00	22.99 -0.57 0.00	21.67 -0.67 0.00	21.47 -0.80 0.00	21.54 -0.71 0.00	22.19 -1.00 0.00	22.46 -1.01 0.00	22.83 -1.41 0.00	23.88 -1.55 0.00	24.03 -1.51 0.00	25.08 -1.63 0.09	25.69 -1.27 0.03	25.93 -1.17 0.03	26.12 -1.00 0.00	28.43 -1.37 0.01	31.10 -1.78 0.07	35.26 -2.70 2.91	35.83 -2.10 0.31	33.43 -2.04 1.01	33.90 -1.80 0.28	30.45 -0.94 0.01	28.21 -0.63 0.00	25.78 -0.96 0.03
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	28.49 1.59 0.00	26.45 1.16 0.00	24.64 1.08 0.00	23.41 1.07 0.00	23.37 1.09 0.00	23.37 1.11 0.00	24.37 1.18 0.00	24.78 1.31 0.00	25.67 1.43 0.00	27.06 1.63 0.00	27.35 1.81 0.00	28.81 2.01 0.00	29.31 2.32 0.00	29.65 2.52 0.00	29.73 2.60 0.00	32.83 2.95 -0.07	36.08 3.13 0.00	44.55 3.68 0.00	42.87 3.14 -1.50	40.61 2.92 -1.20	38.81 2.73 -0.10	33.72 2.32 0.00	30.92 2.08 0.00	28.46 1.69 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	28.28 1.37 0.00	26.29 1.01 0.00	24.52 0.97 0.00	23.28 0.94 0.00	23.23 0.96 0.00	23.21 0.96 0.00	24.18 1.00 0.00	24.53 1.06 0.00	25.40 1.16 0.00	26.76 1.32 0.00	27.07 1.53 0.00	28.46 1.66 0.00	28.93 1.94 0.00	29.21 2.09 0.00	29.30 2.17 0.00	32.35 2.47 -0.07	35.58 2.64 0.00	44.06 3.19 0.00	42.42 2.72 -1.46	40.21 2.55 -1.17	38.42 2.34 -0.10	33.37 1.98 0.00	30.63 1.79 0.00	28.24 1.47 0.00



E179THST_138_KV_TB4_REV_LBMP_J 345001	28.79 1.88 0.00	26.57 1.29 0.00	24.73 1.18 0.00	23.50 1.16 0.00	23.43 1.16 0.00	23.35 1.09 0.00	24.35 1.16 0.00	24.78 1.31 0.00	25.67 1.43 0.00	27.06 1.63 0.00	27.38 1.84 0.00	28.89 2.09 0.00	29.36 2.37 0.00	29.73 2.60 0.00	29.84 2.71 0.00	32.98 3.10 -0.07	36.18 3.23 0.00	44.64 3.76 0.00	42.91 3.17 -1.50	40.64 2.96 -1.20	38.89 2.81 -0.10	33.75 2.35 0.00	30.95 2.11 0.00	28.59 1.82 0.00
E179THST_13_KV_LOAD 356214	28.92 2.02 0.00	26.67 1.39 0.00	24.82 1.27 0.00	23.59 1.25 0.00	23.52 1.25 0.00	23.44 1.18 0.00	24.44 1.25 0.00	24.88 1.41 0.00	25.79 1.55 0.00	27.19 1.75 0.00	27.50 1.97 0.00	29.02 2.22 0.00	29.52 2.54 0.00	29.89 2.77 0.00	30.00 2.88 0.00	33.16 3.28 -0.07	36.37 3.43 0.00	44.88 4.01 0.00	43.14 3.40 -1.50	40.86 3.17 -1.20	39.10 3.02 -0.10	33.91 2.51 0.00	31.09 2.25 0.00	28.72 1.95 0.00
EAST HAMPTON___GT 23717	34.57 2.77 -4.89	31.21 2.17 -3.75	29.04 2.03 -3.46	26.59 1.90 -2.35	27.35 1.94 -3.14	26.00 1.96 -1.78	25.96 2.09 -0.68	25.74 2.11 -0.16	29.95 2.25 -3.46	34.37 2.72 -6.22	35.97 3.22 -7.22	38.26 3.59 -7.87	39.48 3.91 -8.58	41.03 4.15 -9.75	41.92 4.18 -10.62	42.09 4.62 -7.66	44.10 5.07 -6.08	64.24 6.05 -17.32	44.79 5.05 -1.50	41.95 4.27 -1.20	40.04 3.96 -0.10	35.91 3.58 -0.94	32.57 2.83 -0.90	32.16 2.44 -2.95
EAST RIVER___6 23660	28.74 1.83 0.00	26.60 1.31 0.00	24.78 1.22 0.00	23.55 1.21 0.00	23.48 1.20 0.00	23.48 1.22 0.00	24.51 1.32 0.00	24.95 1.48 0.00	25.89 1.65 0.00	27.36 1.93 0.00	27.58 2.04 0.00	29.05 2.25 0.00	29.55 2.57 0.00	29.97 2.85 0.00	30.06 2.93 0.00	33.19 3.31 -0.07	36.48 3.53 0.00	45.00 4.13 0.00	43.26 3.52 -1.50	40.97 3.28 -1.20	39.14 3.06 -0.10	33.97 2.58 0.00	31.15 2.31 0.00	28.64 1.87 0.00
EAST RIVER___7 23524	28.74 1.83 0.00	26.60 1.31 0.00	24.78 1.22 0.00	23.55 1.21 0.00	23.48 1.20 0.00	23.48 1.22 0.00	24.51 1.32 0.00	24.95 1.48 0.00	25.89 1.65 0.00	27.36 1.93 0.00	27.58 2.04 0.00	29.05 2.25 0.00	29.55 2.57 0.00	29.97 2.85 0.00	30.06 2.93 0.00	33.19 3.31 -0.07	36.48 3.53 0.00	45.00 4.13 0.00	43.26 3.52 -1.50	40.97 3.28 -1.20	39.14 3.06 -0.10	33.97 2.58 0.00	31.15 2.31 0.00	28.64 1.87 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	28.44 1.53 0.00	26.39 1.11 0.00	24.59 1.04 0.00	23.37 1.03 0.00	23.32 1.05 0.00	23.32 1.07 0.00	24.32 1.14 0.00	24.71 1.24 0.00	25.60 1.36 0.00	26.98 1.55 0.00	27.27 1.74 0.00	28.73 1.93 0.00	29.20 2.21 0.00	29.54 2.41 0.00	29.65 2.52 0.00	32.74 2.86 -0.07	35.98 3.03 0.00	44.43 3.56 0.00	42.76 3.02 -1.50	40.50 2.81 -1.20	38.71 2.63 -0.10	33.63 2.23 0.00	30.83 1.99 0.00	28.40 1.63 0.00
EAST_HAMPTON___DIESEL 23722	34.55 2.75 -4.89	31.21 2.17 -3.75	29.02 2.00 -3.46	26.59 1.90 -2.35	27.33 1.92 -3.14	25.97 1.94 -1.78	25.93 2.06 -0.68	25.72 2.09 -0.16	29.93 2.23 -3.46	34.35 2.69 -6.22	35.94 3.19 -7.22	38.23 3.56 -7.87	39.45 3.89 -8.58	40.98 4.10 -9.75	41.86 4.12 -10.62	42.03 4.56 -7.66	44.07 5.04 -6.08	64.21 6.01 -17.32	44.71 4.97 -1.50	41.88 4.19 -1.20	39.97 3.89 -0.10	35.88 3.55 -0.94	32.51 2.77 -0.90	32.13 2.41 -2.95
EAST_POINT___SOLAR 323840	29.70 2.80 0.00	27.81 2.53 0.00	25.81 2.26 0.00	24.46 2.12 0.00	24.37 2.09 0.00	24.41 2.16 0.00	25.37 2.18 0.00	25.35 1.88 0.00	26.01 1.77 0.00	26.48 1.04 0.00	26.53 0.99 0.00	27.92 1.13 0.00	28.23 1.24 0.00	28.46 1.33 0.00	28.48 1.36 0.00	31.61 1.70 -0.10	35.29 2.34 0.00	45.45 4.58 0.00	49.77 4.97 -6.56	46.53 4.78 -5.27	41.91 4.79 -1.15	35.51 4.11 0.00	32.42 3.58 0.00	29.64 2.87 0.00
EAST_PULASKI___ESR 323781	26.45 -0.46 0.00	24.78 -0.51 0.00	23.06 -0.50 0.00	21.85 -0.49 0.00	21.76 -0.51 0.00	21.74 -0.51 0.00	22.65 -0.53 0.00	22.91 -0.56 0.00	23.56 -0.68 0.00	24.67 -0.76 0.00	24.74 -0.79 0.00	26.08 -0.78 -0.06	26.28 -0.73 -0.02	26.44 -0.71 -0.02	26.34 -0.79 0.00	29.02 -0.80 -0.02	32.18 -0.82 -0.05	41.25 -0.94 -1.32	37.93 -0.73 -0.42	36.69 -0.69 -0.90	35.57 -0.61 -0.21	30.87 -0.53 -0.01	28.35 -0.49 0.00	26.18 -0.61 -0.02
EAST_RIVER___1 323558	28.65 1.75 0.00	26.52 1.24 0.00	24.71 1.15 0.00	23.46 1.12 0.00	23.41 1.14 0.00	23.41 1.16 0.00	24.44 1.25 0.00	24.85 1.38 0.00	25.79 1.55 0.00	27.26 1.83 0.00	27.48 1.94 0.00	28.97 2.17 0.00	29.47 2.48 0.00	29.84 2.71 0.00	29.92 2.79 0.00	33.04 3.16 -0.07	36.27 3.33 0.00	44.80 3.92 0.00	43.06 3.33 -1.50	40.79 3.10 -1.20	38.96 2.88 -0.10	33.85 2.45 0.00	31.03 2.19 0.00	28.56 1.79 0.00
EAST_RIVER___2 323559	28.74 1.83 0.00	26.60 1.31 0.00	24.78 1.22 0.00	23.55 1.21 0.00	23.48 1.20 0.00	23.48 1.22 0.00	24.51 1.32 0.00	24.95 1.48 0.00	25.89 1.65 0.00	27.36 1.93 0.00	27.58 2.04 0.00	29.05 2.25 0.00	29.55 2.57 0.00	29.97 2.85 0.00	30.06 2.93 0.00	33.19 3.31 -0.07	36.48 3.53 0.00	45.00 4.13 0.00	43.26 3.52 -1.50	40.97 3.28 -1.20	39.14 3.06 -0.10	33.97 2.58 0.00	31.15 2.31 0.00	28.64 1.87 0.00
EAST___DELAWARE_HYD 23607	28.57 1.67 0.00	26.57 1.29 0.00	24.75 1.20 0.00	23.48 1.14 0.00	23.41 1.14 0.00	23.39 1.13 0.00	24.32 1.14 0.00	24.64 1.17 0.00	25.55 1.31 0.00	26.98 1.55 0.00	27.20 1.66 0.00	28.54 1.74 0.00	29.04 2.05 0.00	29.35 2.22 0.00	29.38 2.25 0.00	32.47 2.59 -0.06	35.75 2.80 0.00	44.43 3.55 0.00	42.73 3.06 -1.43	40.52 2.88 -1.15	38.75 2.66 -0.11	33.66 2.26 0.00	30.86 2.02 0.00	28.46 1.69 0.00
EIGHT_POINT___WT_PWR 323820	28.01 1.10 0.00	26.09 0.81 0.00	24.28 0.73 0.00	22.88 0.54 0.00	22.68 0.40 0.00	22.74 0.49 0.00	23.56 0.37 0.00	23.73 0.26 0.00	24.36 0.12 0.00	25.56 0.13 0.00	25.46 -0.08 0.00	26.12 -0.62 0.06	26.70 -0.27 0.02	27.08 -0.03 0.02	27.07 -0.05 0.00	29.33 -0.48 0.00	32.17 -0.73 0.05	35.39 -1.02 4.47	37.69 -0.50 0.05	35.70 -0.22 0.57	35.38 -0.43 0.17	31.17 -0.22 0.01	28.52 -0.32 0.00	25.73 -1.02 0.02
ELBRIDGE_115KV_TB2 80188	26.69 -0.22 0.00	24.98 -0.30 0.00	23.25 -0.31 0.00	22.03 -0.31 0.00	21.94 -0.33 0.00	21.92 -0.33 0.00	22.84 -0.35 0.00	23.12 -0.35 0.00	23.83 -0.41 0.00	24.92 -0.51 0.00	24.95 -0.59 0.00	26.26 -0.54 0.00	26.53 -0.46 0.00	26.72 -0.41 0.00	26.72 -0.41 0.00	29.37 -0.45 -0.01	32.52 -0.43 0.00	40.30 -0.57 0.00	37.78 -0.46 0.00	36.05 -0.44 0.00	35.54 -0.43 0.00	31.02 -0.38 0.00	28.55 -0.29 0.00	26.31 -0.46 0.00
ELEC_TRO_TEK 24086	33.76 1.96 -4.89	30.52 1.49 -3.75	28.43 1.41 -3.46	26.05 1.36 -2.35	26.79 1.38 -3.14	25.44 1.40 -1.78	25.35 1.48 -0.68	25.25 1.62 -0.16	29.45 1.75 -3.46	33.61 1.96 -6.22	34.92 2.17 -7.22	37.07 2.41 -7.86	38.26 2.70 -8.57	39.78 2.90 -9.75	40.72 2.98 -10.61	40.83 3.37 -7.65	40.30 3.56 -3.79	45.09 4.21 0.00	43.22 3.48 -1.50	40.94 3.25 -1.20	39.25 3.17 -0.10	35.10 2.76 -0.94	32.19 2.45 -0.90	31.78 2.06 -2.95



ELLENBURG_WT_PWR 323604	26.72 -0.19 0.00	25.33 0.05 0.00	23.58 0.02 0.00	22.32 -0.02 0.00	22.25 -0.02 0.00	22.14 -0.11 0.00	23.07 -0.12 0.00	23.28 -0.19 0.00	24.07 -0.17 0.00	25.36 -0.08 0.00	25.44 -0.10 0.00	26.34 -0.46 0.00	26.18 -0.81 0.00	26.01 -1.11 0.00	25.85 -1.27 0.00	28.14 -1.67 0.00	31.17 -1.78 0.00	39.24 -1.64 0.00	36.98 -1.26 0.00	35.39 -1.09 0.00	35.18 -0.79 0.00	30.77 -0.63 0.00	28.38 -0.46 0.00	26.66 -0.11 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	26.23 -0.67 0.00	24.30 -0.99 0.00	22.59 -0.97 0.00	21.31 -1.03 0.00	21.12 -1.16 0.00	21.19 -1.07 0.00	21.86 -1.32 0.00	22.11 -1.36 0.00	22.45 -1.79 0.00	23.53 -1.91 0.00	23.62 -1.92 0.00	24.83 -1.88 0.09	25.36 -1.59 0.03	25.60 -1.49 0.03	25.80 -1.33 0.00	28.10 -1.70 0.01	30.83 -2.04 0.08	34.86 -3.11 2.91	35.40 -2.49 0.35	32.96 -2.44 1.08	33.56 -2.12 0.29	30.04 -1.35 0.01	27.77 -1.07 0.00	25.48 -1.26 0.03
EMPIRE_CC_1 323656	27.39 0.48 0.00	25.74 0.46 0.00	24.00 0.45 0.00	22.81 0.47 0.00	22.81 0.53 0.00	22.81 0.56 0.00	23.79 0.60 0.00	24.08 0.61 0.00	24.99 0.75 0.00	26.17 0.74 0.00	26.41 0.87 0.00	27.65 0.86 0.00	28.01 1.03 0.00	28.29 1.17 0.00	28.29 1.17 0.00	31.21 1.31 -0.09	34.36 1.42 0.00	42.47 1.59 0.00	42.30 1.37 -2.68	39.95 1.31 -2.16	37.51 1.22 -0.31	32.46 1.07 0.00	29.76 0.92 0.00	27.60 0.83 0.00
EMPIRE_CC_2 323658	27.39 0.48 0.00	25.74 0.46 0.00	24.00 0.45 0.00	22.81 0.47 0.00	22.81 0.53 0.00	22.81 0.56 0.00	23.79 0.60 0.00	24.08 0.61 0.00	24.99 0.75 0.00	26.17 0.74 0.00	26.41 0.87 0.00	27.65 0.86 0.00	28.01 1.03 0.00	28.29 1.17 0.00	28.29 1.17 0.00	31.21 1.31 -0.09	34.36 1.42 0.00	42.47 1.59 0.00	42.30 1.37 -2.68	39.95 1.31 -2.16	37.51 1.22 -0.31	32.46 1.07 0.00	29.76 0.92 0.00	27.60 0.83 0.00
ENORWICH_115KV_TB1 80156	28.98 2.07 0.00	27.13 1.85 0.00	25.25 1.70 0.00	23.81 1.47 0.00	23.68 1.40 0.00	23.70 1.45 0.00	24.81 1.62 0.00	25.09 1.62 0.00	25.67 1.43 0.00	26.88 1.45 0.00	26.84 1.30 0.00	28.17 1.39 0.02	28.71 1.73 0.01	28.83 1.71 0.01	28.51 1.38 0.00	31.44 1.61 -0.02	34.87 1.94 0.02	45.39 2.94 -1.57	41.94 3.17 -0.53	39.72 3.03 -0.21	38.92 2.95 0.01	34.03 2.64 0.00	31.09 2.25 0.00	28.45 1.69 0.01
ERIE_ST__34_KV_TB1-2 80199	26.69 -0.22 0.00	24.70 -0.58 0.00	22.99 -0.57 0.00	21.69 -0.65 0.00	21.47 -0.80 0.00	21.57 -0.69 0.00	22.24 -0.95 0.00	22.48 -0.99 0.00	22.83 -1.41 0.00	23.91 -1.53 0.00	24.06 -1.48 0.00	24.78 -1.93 0.09	25.63 -1.32 0.03	25.98 -1.11 0.03	26.26 -0.87 0.00	28.34 -1.46 0.01	30.80 -2.08 0.07	34.94 -3.02 2.91	35.39 -2.52 0.32	33.05 -2.41 1.03	33.53 -2.16 0.28	30.54 -0.85 0.01	28.23 -0.61 0.00	25.64 -1.10 0.03
ERIE_WT_PWR 323693	26.55 -0.35 0.00	24.50 -0.78 0.00	22.78 -0.78 0.00	21.49 -0.85 0.00	21.30 -0.98 0.00	21.36 -0.89 0.00	22.03 -1.16 0.00	22.32 -1.15 0.00	22.79 -1.45 0.00	23.86 -1.58 0.00	23.80 -1.74 0.00	24.91 -1.80 0.09	25.53 -1.43 0.03	25.82 -1.27 0.03	26.01 -1.11 0.00	28.25 -1.55 0.01	30.90 -1.98 0.07	35.06 -2.90 2.92	35.54 -2.37 0.33	33.21 -2.23 1.05	33.75 -1.94 0.29	30.26 -1.13 0.01	28.00 -0.84 0.00	25.62 -1.12 0.03
ESPRGFLD_115KV_TB1 80157	29.06 2.15 0.00	27.18 1.90 0.00	25.27 1.72 0.00	23.90 1.56 0.00	23.81 1.54 0.00	23.86 1.60 0.00	24.88 1.69 0.00	25.07 1.60 0.00	25.84 1.60 0.00	26.93 1.50 0.00	27.02 1.48 0.00	28.40 1.61 0.00	28.82 1.84 0.00	29.00 1.87 0.00	28.97 1.84 0.00	31.92 2.12 0.00	35.39 2.44 0.00	44.43 3.56 0.00	46.65 3.59 -4.82	43.78 3.43 -3.87	40.22 3.42 -0.82	34.38 2.98 0.00	31.44 2.60 0.00	28.86 2.09 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.44 0.54 0.00	25.66 0.38 0.00	23.88 0.33 0.00	22.59 0.25 0.00	22.48 0.20 0.00	22.50 0.24 0.00	23.44 0.26 0.00	23.73 0.26 0.00	24.39 0.15 0.00	25.53 0.10 0.00	25.56 0.03 0.00	26.82 0.05 0.03	27.22 0.24 0.01	27.41 0.30 0.01	27.37 0.24 0.00	30.15 0.33 -0.01	33.35 0.43 0.02	45.80 0.61 -4.31	39.15 0.69 -0.22	37.11 0.69 0.07	36.57 0.65 0.06	32.05 0.66 0.00	29.47 0.63 0.00	27.05 0.29 0.01
ETNA____115KV_TB2 80207	27.44 0.54 0.00	25.66 0.38 0.00	23.88 0.33 0.00	22.59 0.25 0.00	22.48 0.20 0.00	22.50 0.24 0.00	23.44 0.26 0.00	23.73 0.26 0.00	24.39 0.15 0.00	25.53 0.10 0.00	25.56 0.03 0.00	26.82 0.05 0.03	27.22 0.24 0.01	27.41 0.30 0.01	27.37 0.24 0.00	30.15 0.33 -0.01	33.35 0.43 0.02	45.80 0.61 -4.31	39.15 0.69 -0.22	37.11 0.69 0.07	36.57 0.65 0.06	32.05 0.66 0.00	29.47 0.63 0.00	27.05 0.29 0.01
EUCLID__115KV_TB2 356179	26.58 -0.32 0.00	24.88 -0.40 0.00	23.15 -0.40 0.00	21.96 -0.38 0.00	21.87 -0.40 0.00	21.86 -0.40 0.00	22.77 -0.42 0.00	23.05 -0.42 0.00	23.76 -0.48 0.00	24.87 -0.56 0.00	24.87 -0.66 0.00	26.12 -0.62 0.06	26.43 -0.54 0.02	26.59 -0.52 0.02	26.61 -0.52 0.00	29.27 -0.54 0.01	32.37 -0.53 0.05	39.03 -0.69 1.15	37.26 -0.61 0.37	35.12 -0.58 0.78	35.22 -0.58 0.18	30.89 -0.50 0.00	28.41 -0.43 0.00	26.21 -0.54 0.02
E_CANADA_CAP_HY 24051	29.57 2.66 0.00	27.66 2.38 0.00	25.70 2.14 0.00	24.35 2.01 0.00	24.26 1.98 0.00	24.30 2.05 0.00	25.32 2.13 0.00	25.42 1.95 0.00	26.25 2.01 0.00	27.19 1.75 0.00	27.22 1.69 0.00	28.64 1.85 0.00	29.01 2.03 0.00	29.24 2.12 0.00	29.27 2.14 0.00	32.42 2.50 -0.11	35.88 2.93 0.00	45.29 4.42 0.00	48.91 4.55 -6.13	45.74 4.34 -4.92	41.47 4.42 -1.07	35.19 3.80 0.00	32.16 3.32 0.00	29.45 2.68 0.00
E_CANADA_MHWK_HY 24050	26.47 -0.43 0.00	24.85 -0.43 0.00	23.15 -0.40 0.00	21.94 -0.40 0.00	21.90 -0.38 0.00	21.88 -0.38 0.00	22.81 -0.37 0.00	23.09 -0.38 0.00	23.85 -0.39 0.00	25.00 -0.43 0.00	25.08 -0.46 0.00	26.31 -0.48 0.00	26.53 -0.46 0.00	26.61 -0.52 0.00	26.50 -0.62 0.00	29.07 -0.74 0.00	31.99 -0.96 0.00	39.73 -1.14 0.00	37.21 -1.03 0.00	35.54 -0.95 0.00	35.04 -0.94 0.00	30.68 -0.72 0.00	28.12 -0.72 0.00	26.07 -0.70 0.00
E_FISHKILL__LBMP 23776	28.20 1.29 0.00	26.22 0.94 0.00	24.45 0.90 0.00	23.21 0.87 0.00	23.19 0.91 0.00	23.19 0.93 0.00	24.16 0.97 0.00	24.55 1.08 0.00	25.43 1.19 0.00	26.78 1.35 0.00	27.04 1.51 0.00	28.48 1.69 0.00	28.93 1.94 0.00	29.24 2.12 0.00	29.32 2.20 0.00	32.39 2.50 -0.07	35.58 2.64 0.00	43.98 3.11 0.00	42.44 2.68 -1.52	40.19 2.48 -1.22	38.38 2.30 -0.11	33.37 1.98 0.00	30.57 1.73 0.00	28.19 1.42 0.00
FALCON___SEABRD_CC1 323796	27.01 0.11 0.00	25.61 0.33 0.00	23.84 0.28 0.00	22.56 0.22 0.00	22.48 0.20 0.00	22.37 0.11 0.00	23.33 0.14 0.00	23.54 0.07 0.00	24.29 0.05 0.00	25.66 0.23 0.00	25.72 0.18 0.00	26.64 -0.16 0.00	26.45 -0.54 0.00	26.29 -0.84 0.00	26.10 -1.03 0.00	28.38 -1.43 0.00	31.50 -1.45 0.00	39.65 -1.23 0.00	37.32 -0.92 0.00	35.75 -0.73 0.00	35.58 -0.39 0.00	31.08 -0.31 0.00	28.67 -0.17 0.00	26.93 0.16 0.00



FALCON___SEABRD_CC2 323797	27.01 0.11 0.00	25.61 0.33 0.00	23.84 0.28 0.00	22.56 0.22 0.00	22.48 0.20 0.00	22.37 0.11 0.00	23.33 0.14 0.00	23.54 0.07 0.00	24.29 0.05 0.00	25.66 0.23 0.00	25.72 0.18 0.00	26.64 -0.16 0.00	26.45 -0.54 0.00	26.29 -0.84 0.00	26.10 -1.03 0.00	28.38 -1.43 0.00	31.50 -1.45 0.00	39.65 -1.23 0.00	37.32 -0.92 0.00	35.75 -0.73 0.00	35.58 -0.39 0.00	31.08 -0.31 0.00	28.67 -0.17 0.00	26.93 0.16 0.00
FAR ROCKAWAY___4 23548	34.25 2.45 -4.89	30.95 1.92 -3.75	28.78 1.77 -3.46	26.41 1.72 -2.35	27.13 1.72 -3.14	25.78 1.74 -1.78	25.68 1.81 -0.68	25.58 1.95 -0.16	29.78 2.08 -3.46	34.02 2.37 -6.22	35.43 2.68 -7.22	37.63 2.97 -7.86	38.85 3.29 -8.57	40.40 3.53 -9.75	41.35 3.61 -10.61	41.46 3.99 -7.65	41.02 4.28 -3.79	45.98 5.11 0.00	44.02 4.28 -1.50	41.70 4.01 -1.20	39.97 3.89 -0.10	35.79 3.45 -0.94	32.74 3.00 -0.90	32.27 2.54 -2.95
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	28.65 1.75 0.00	26.52 1.24 0.00	24.71 1.15 0.00	23.48 1.14 0.00	23.43 1.16 0.00	23.41 1.16 0.00	24.44 1.25 0.00	24.88 1.41 0.00	25.77 1.53 0.00	27.19 1.75 0.00	27.48 1.94 0.00	28.97 2.17 0.00	29.47 2.48 0.00	29.81 2.69 0.00	29.92 2.79 0.00	33.07 3.19 -0.07	36.28 3.33 0.00	44.80 3.92 0.00	43.10 3.37 -1.50	40.79 3.10 -1.20	38.99 2.91 -0.10	33.85 2.45 0.00	31.03 2.19 0.00	28.56 1.79 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	28.65 1.75 0.00	26.52 1.24 0.00	24.71 1.15 0.00	23.48 1.14 0.00	23.43 1.16 0.00	23.44 1.18 0.00	24.44 1.25 0.00	24.88 1.41 0.00	25.77 1.53 0.00	27.19 1.75 0.00	27.48 1.94 0.00	28.97 2.17 0.00	29.47 2.48 0.00	29.81 2.69 0.00	29.92 2.79 0.00	33.07 3.19 -0.07	36.31 3.36 0.00	44.80 3.92 0.00	43.10 3.37 -1.50	40.79 3.10 -1.20	38.99 2.91 -0.10	33.88 2.48 0.00	31.03 2.19 0.00	28.59 1.82 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	28.63 1.72 0.00	26.50 1.21 0.00	24.68 1.13 0.00	23.46 1.12 0.00	23.41 1.14 0.00	23.41 1.16 0.00	24.44 1.25 0.00	24.88 1.41 0.00	25.77 1.53 0.00	27.16 1.73 0.00	27.45 1.92 0.00	28.97 2.17 0.00	29.44 2.46 0.00	29.81 2.69 0.00	29.89 2.77 0.00	33.04 3.16 -0.07	36.28 3.33 0.00	44.76 3.88 0.00	43.07 3.33 -1.50	40.75 3.06 -1.20	38.96 2.88 -0.10	33.85 2.45 0.00	31.00 2.16 0.00	28.56 1.79 0.00
FARRAGUT___LBMP 323566	28.60 1.70 0.00	26.50 1.21 0.00	24.68 1.13 0.00	23.43 1.09 0.00	23.41 1.14 0.00	23.39 1.14 0.00	24.42 1.23 0.00	24.85 1.38 0.00	25.74 1.50 0.00	27.14 1.70 0.00	27.45 1.92 0.00	28.94 2.14 0.00	29.42 2.43 0.00	29.78 2.66 0.00	29.87 2.74 0.00	33.01 3.13 -0.07	36.24 3.29 0.00	44.72 3.84 0.00	43.03 3.29 -1.50	40.75 3.06 -1.20	38.92 2.84 -0.10	33.81 2.42 0.00	31.00 2.16 0.00	28.54 1.77 0.00
FENNER___WINDPWR 24204	27.39 0.48 0.00	25.66 0.38 0.00	23.88 0.33 0.00	22.61 0.27 0.00	22.52 0.25 0.00	22.52 0.27 0.00	23.49 0.30 0.00	23.77 0.30 0.00	24.48 0.24 0.00	25.66 0.23 0.00	25.72 0.18 0.00	26.99 0.21 0.02	27.33 0.35 0.01	27.47 0.35 0.01	27.40 0.27 0.00	30.17 0.36 0.00	33.36 0.43 0.02	41.91 0.61 -0.42	38.78 0.69 0.15	36.85 0.69 0.33	36.55 0.65 0.08	31.99 0.60 0.00	29.36 0.52 0.00	27.11 0.35 0.01
FIBERTEK___ENERGY 23856	26.80 -0.11 0.00	25.08 -0.20 0.00	23.34 -0.21 0.00	22.12 -0.22 0.00	22.03 -0.25 0.00	22.03 -0.22 0.00	22.93 -0.26 0.00	23.21 -0.26 0.00	23.93 -0.32 0.00	25.05 -0.38 0.00	25.05 -0.49 0.00	26.37 -0.43 0.00	26.66 -0.32 0.00	26.83 -0.30 0.00	26.83 -0.30 0.00	29.52 -0.30 -0.01	32.68 -0.26 0.00	40.51 -0.37 0.00	37.97 -0.27 0.00	36.23 -0.26 0.00	35.72 -0.25 0.00	31.18 -0.22 0.00	28.70 -0.14 0.00	26.45 -0.32 0.00
FITZPATRICK____ 23598	26.29 -0.62 0.00	24.62 -0.66 0.00	22.94 -0.61 0.00	21.74 -0.60 0.00	21.65 -0.62 0.00	21.66 -0.60 0.00	22.54 -0.65 0.00	22.81 -0.66 0.00	23.49 -0.75 0.00	24.54 -0.89 0.00	24.62 -0.92 0.00	25.89 -0.91 0.00	26.12 -0.86 0.00	26.29 -0.84 0.00	26.29 -0.84 0.00	28.89 -0.92 0.00	31.96 -0.99 0.00	39.65 -1.23 0.00	37.13 -1.11 0.00	35.43 -1.06 0.00	34.93 -1.04 0.00	30.48 -0.91 0.00	28.00 -0.84 0.00	25.89 -0.88 0.00
FLOWRFLD_69_KV_BK1 356044	34.01 2.21 -4.89	30.75 1.72 -3.75	28.64 1.63 -3.46	26.25 1.56 -2.35	26.99 1.58 -3.14	25.66 1.62 -1.78	25.61 1.74 -0.68	25.48 1.85 -0.16	29.64 1.94 -3.46	33.81 2.16 -6.22	35.23 2.48 -7.22	37.37 2.71 -7.87	38.61 3.05 -8.58	40.14 3.26 -9.75	41.16 3.42 -10.62	41.34 3.88 -7.66	42.81 4.22 -5.65	66.03 5.03 -20.13	43.87 4.13 -1.50	41.48 3.79 -1.20	39.71 3.63 -0.10	35.50 3.17 -0.94	32.45 2.71 -0.90	32.02 2.30 -2.95
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	28.52 1.61 0.00	26.52 1.24 0.00	24.73 1.18 0.00	23.48 1.14 0.00	23.43 1.16 0.00	23.41 1.16 0.00	24.37 1.18 0.00	24.71 1.24 0.00	25.60 1.36 0.00	27.01 1.58 0.00	27.32 1.79 0.00	28.70 1.90 0.00	29.20 2.21 0.00	29.51 2.39 0.00	29.59 2.47 0.00	32.68 2.80 -0.07	35.98 3.03 0.00	44.59 3.72 0.00	42.98 3.21 -1.53	40.70 2.99 -1.23	38.86 2.77 -0.11	33.72 2.32 0.00	30.92 2.08 0.00	28.51 1.74 0.00
FORT ORANGE____ 23900	27.36 0.46 0.00	25.64 0.35 0.00	23.88 0.33 0.00	22.74 0.40 0.00	22.70 0.42 0.00	22.70 0.44 0.00	23.67 0.49 0.00	23.91 0.44 0.00	24.82 0.58 0.00	26.02 0.59 0.00	26.18 0.64 0.00	27.47 0.67 0.00	27.80 0.81 0.00	28.05 0.92 0.00	28.08 0.95 0.00	31.01 1.10 -0.09	34.17 1.22 0.00	42.39 1.51 0.00	43.71 1.37 -4.10	41.05 1.28 -3.29	37.77 1.19 -0.61	32.43 1.03 0.00	29.70 0.86 0.00	27.44 0.67 0.00
FORT_DRUM_COGEN 23780	26.21 -0.70 0.00	24.65 -0.63 0.00	22.92 -0.64 0.00	21.69 -0.65 0.00	21.58 -0.69 0.00	21.57 -0.69 0.00	22.51 -0.67 0.00	22.77 -0.70 0.00	23.42 -0.82 0.00	24.57 -0.86 0.00	24.57 -0.97 0.00	25.80 -1.02 -0.02	25.97 -1.03 -0.01	25.99 -1.14 -0.01	25.82 -1.30 0.00	28.50 -1.31 -0.01	31.68 -1.28 -0.02	40.03 -1.23 -0.38	37.52 -0.84 -0.12	35.98 -0.77 -0.26	35.28 -0.76 -0.06	30.71 -0.69 0.00	28.15 -0.69 0.00	26.03 -0.75 -0.01
FOX_HILLS___ESR 323835	39.03 1.86 -10.27	26.73 1.44 -0.01	24.88 1.32 -0.01	23.64 1.30 -0.01	23.60 1.31 -0.01	23.55 1.29 0.00	24.56 1.37 -0.01	24.96 1.48 -0.01	38.97 1.55 -13.18	39.22 1.75 -12.04	39.33 1.94 -11.85	43.93 2.20 -14.94	43.66 2.48 -14.19	44.00 2.74 -14.13	43.99 2.85 -14.02	45.05 3.28 -11.96	42.35 3.43 -5.97	44.92 4.05 0.00	43.18 3.44 -1.50	41.65 3.21 -1.96	42.44 3.02 -3.44	41.79 2.51 -7.88	39.34 2.22 -8.28	39.06 1.90 -10.39
FPL FAR_ROCK_GT1 24212	34.25 2.45 -4.90	30.95 1.92 -3.75	28.78 1.77 -3.46	26.39 1.70 -2.35	27.13 1.72 -3.14	25.78 1.74 -1.78	25.68 1.81 -0.68	25.57 1.95 -0.16	29.83 2.13 -3.46	34.12 2.47 -6.22	35.43 2.68 -7.22	37.63 2.97 -7.86	38.85 3.29 -8.57	40.43 3.55 -9.75	41.35 3.61 -10.61	41.46 4.00 -7.65	41.02 4.28 -3.79	45.98 5.11 0.00	44.02 4.28 -1.50	41.63 3.94 -1.20	39.89 3.81 -0.10	35.79 3.45 -0.94	32.75 3.00 -0.91	32.27 2.54 -2.96



FPL FAR_ROCK_GT2 23815	34.25 2.45 -4.90	30.95 1.92 -3.75	28.78 1.77 -3.46	26.39 1.70 -2.35	27.13 1.72 -3.14	25.78 1.74 -1.78	25.68 1.81 -0.68	25.57 1.95 -0.16	29.83 2.13 -3.46	34.12 2.47 -6.22	35.43 2.68 -7.22	37.63 2.97 -7.86	38.85 3.29 -8.57	40.43 3.55 -9.75	41.35 3.61 -10.61	41.46 4.00 -7.65	41.02 4.28 -3.79	45.98 5.11 0.00	44.02 4.28 -1.50	41.63 3.94 -1.20	39.89 3.81 -0.10	35.79 3.45 -0.94	32.75 3.00 -0.91	32.27 2.54 -2.96
FRANKLIN_FALL_HYD 24054	26.82 -0.08 0.00	25.43 0.15 0.00	23.69 0.14 0.00	22.41 0.07 0.00	22.34 0.07 0.00	22.26 0.00 0.00	23.23 0.05 0.00	23.45 -0.02 0.00	24.19 -0.05 0.00	25.53 0.10 0.00	25.61 0.08 0.00	26.53 -0.27 0.00	26.37 -0.62 0.00	26.23 -0.90 0.00	26.04 -1.09 0.00	28.35 -1.46 0.00	31.50 -1.45 0.00	39.61 -1.27 0.00	37.21 -1.03 0.00	35.68 -0.80 0.00	35.47 -0.50 0.00	30.96 -0.44 0.00	28.52 -0.32 0.00	26.77 0.00 0.00
FREEPORT_EQUS_GT1 23764	34.03 2.23 -4.90	30.75 1.72 -3.75	28.62 1.60 -3.46	26.25 1.56 -2.35	26.97 1.56 -3.14	25.64 1.60 -1.78	25.54 1.67 -0.68	25.44 1.81 -0.16	29.66 1.96 -3.46	33.91 2.26 -6.22	35.18 2.43 -7.22	37.34 2.68 -7.86	38.53 2.97 -8.57	40.08 3.20 -9.75	40.99 3.25 -10.61	41.13 3.67 -7.65	40.66 3.92 -3.79	45.53 4.66 0.00	43.60 3.86 -1.50	41.23 3.54 -1.20	39.53 3.45 -0.10	35.47 3.14 -0.94	32.51 2.77 -0.90	32.03 2.30 -2.95
FREEPORT___CT2 23818	34.03 2.23 -4.90	30.75 1.72 -3.75	28.62 1.60 -3.46	26.25 1.56 -2.35	26.97 1.56 -3.14	25.64 1.60 -1.78	25.54 1.67 -0.68	25.44 1.81 -0.16	29.66 1.96 -3.46	33.91 2.26 -6.22	35.18 2.43 -7.22	37.34 2.68 -7.86	38.53 2.97 -8.57	40.08 3.20 -9.75	40.99 3.25 -10.61	41.13 3.67 -7.65	40.66 3.92 -3.79	45.53 4.66 0.00	43.60 3.86 -1.50	41.23 3.54 -1.20	39.53 3.45 -0.10	35.47 3.14 -0.94	32.51 2.77 -0.90	32.03 2.30 -2.95
FRESHKLS_33_KV_LOAD 356253	38.98 1.80 -10.27	26.73 1.44 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.54 1.34 -0.01	24.93 1.46 -0.01	38.95 1.53 -13.18	39.17 1.70 -12.04	39.28 1.89 -11.85	39.31 2.14 -10.37	39.28 2.43 -9.87	39.59 2.66 -9.81	39.65 2.79 -9.73	41.35 3.22 -8.32	40.45 3.36 -4.14	44.87 4.01 0.01	43.13 3.40 -1.49	41.38 3.17 -1.72	41.37 2.99 -2.41	39.33 2.45 -5.48	39.29 2.16 -8.28	39.01 1.85 -10.39
FULTON COGEN____ 23766	26.56 -0.35 0.00	24.88 -0.40 0.00	23.15 -0.40 0.00	21.94 -0.40 0.00	21.85 -0.42 0.00	21.86 -0.40 0.00	22.75 -0.44 0.00	23.02 -0.45 0.00	23.76 -0.48 0.00	24.85 -0.58 0.00	24.85 -0.69 0.00	26.23 -0.64 -0.08	26.45 -0.57 -0.03	26.61 -0.54 -0.03	26.58 -0.54 0.00	29.26 -0.57 -0.02	32.45 -0.56 -0.06	41.73 -0.69 -1.55	38.12 -0.61 -0.49	36.96 -0.58 -1.06	35.64 -0.58 -0.24	30.90 -0.50 -0.01	28.41 -0.43 0.00	26.23 -0.56 -0.03
FULTON___LFGE 323630	29.27 2.37 0.00	27.41 2.12 0.00	25.44 1.88 0.00	24.13 1.79 0.00	24.03 1.76 0.00	24.08 1.83 0.00	25.09 1.90 0.00	25.18 1.71 0.00	26.11 1.87 0.00	27.11 1.68 0.00	27.17 1.64 0.00	28.59 1.80 0.00	28.90 1.92 0.00	29.16 2.04 0.00	29.19 2.06 0.00	32.30 2.39 -0.10	35.78 2.83 0.00	45.00 4.13 0.00	49.11 4.21 -6.67	45.89 4.05 -5.35	41.21 4.06 -1.17	34.88 3.48 0.00	31.87 3.03 0.00	29.21 2.44 0.00
G.F.CEMENT___DRP 24184	28.87 1.96 0.00	27.05 1.77 0.00	25.13 1.58 0.00	23.86 1.52 0.00	23.81 1.54 0.00	23.84 1.58 0.00	24.90 1.72 0.00	25.04 1.57 0.00	26.13 1.89 0.00	27.44 2.01 0.00	27.40 1.86 0.00	28.78 1.98 0.00	28.93 1.94 0.00	29.16 2.03 0.00	29.21 2.09 0.00	32.20 2.30 -0.10	35.58 2.64 0.00	44.31 3.43 0.00	48.54 3.71 -6.59	45.32 3.54 -5.29	40.79 3.67 -1.14	34.54 3.14 0.00	31.58 2.74 0.00	28.94 2.17 0.00
GARDENVILLE___LBMP 24039	26.37 -0.54 0.00	24.42 -0.86 0.00	22.70 -0.85 0.00	21.42 -0.92 0.00	21.21 -1.07 0.00	21.30 -0.96 0.00	21.96 -1.23 0.00	22.20 -1.27 0.00	22.57 -1.67 0.00	23.63 -1.81 0.00	23.72 -1.81 0.00	24.86 -1.85 0.09	25.45 -1.51 0.03	25.68 -1.41 0.03	25.91 -1.22 0.00	28.16 -1.64 0.01	30.86 -2.01 0.07	34.93 -3.02 2.92	35.49 -2.41 0.34	33.06 -2.37 1.05	33.64 -2.05 0.29	30.16 -1.22 0.01	27.92 -0.92 0.00	25.56 -1.18 0.03
GARDNVLA_35_KV_LD 355827	26.47 -0.43 0.00	24.50 -0.78 0.00	22.78 -0.78 0.00	21.49 -0.85 0.00	21.30 -0.98 0.00	21.37 -0.89 0.00	22.03 -1.16 0.00	22.27 -1.20 0.00	22.64 -1.60 0.00	23.70 -1.73 0.00	23.83 -1.71 0.00	24.94 -1.77 0.09	25.53 -1.43 0.03	25.79 -1.30 0.00	26.01 -1.11 0.00	28.28 -1.52 0.01	30.96 -1.91 0.07	35.06 -2.90 2.91	35.61 -2.29 0.33	33.18 -2.26 1.04	33.75 -1.94 0.29	30.29 -1.10 0.01	28.03 -0.81 0.00	25.64 -1.10 0.03
GELCKHM___115KV_LOAD 80723	26.66 -0.24 0.00	24.95 -0.33 0.00	23.22 -0.33 0.00	22.00 -0.34 0.00	21.92 -0.36 0.00	21.92 -0.33 0.00	22.82 -0.37 0.00	23.09 -0.38 0.00	23.80 -0.44 0.00	24.92 -0.51 0.00	24.95 -0.59 0.00	26.20 -0.56 0.04	26.52 -0.46 0.01	26.68 -0.43 0.01	26.69 -0.43 0.00	29.36 -0.45 0.00	32.49 -0.43 0.03	39.54 -0.57 0.77	37.50 -0.50 0.24	35.49 -0.47 0.52	35.39 -0.47 0.12	30.98 -0.41 0.00	28.49 -0.35 0.00	26.27 -0.48 0.01
GENERAL___MILLS 23808	26.42 -0.48 0.00	24.47 -0.81 0.00	22.75 -0.80 0.00	21.47 -0.87 0.00	21.27 -1.00 0.00	21.34 -0.91 0.00	22.00 -1.18 0.00	22.25 -1.22 0.00	22.62 -1.62 0.00	23.68 -1.75 0.00	23.80 -1.74 0.00	24.91 -1.80 0.09	25.50 -1.46 0.03	25.74 -1.36 0.03	25.99 -1.14 0.00	28.22 -1.58 0.01	30.90 -1.98 0.07	34.98 -2.98 2.92	35.54 -2.37 0.33	33.14 -2.30 1.05	33.67 -2.01 0.29	30.23 -1.16 0.01	27.97 -0.87 0.00	25.61 -1.12 0.03
GE_PLASTICS___DRP 24183	27.34 0.43 0.00	25.61 0.33 0.00	23.86 0.31 0.00	22.70 0.36 0.00	22.65 0.38 0.00	22.66 0.40 0.00	23.63 0.44 0.00	23.89 0.42 0.00	24.75 0.51 0.00	25.94 0.51 0.00	26.15 0.61 0.00	27.44 0.64 0.00	27.77 0.78 0.00	27.99 0.87 0.00	28.05 0.92 0.00	30.94 1.04 -0.09	34.10 1.15 0.00	42.22 1.35 0.00	43.07 1.22 -3.61	40.51 1.13 -2.90	37.52 1.04 -0.50	32.31 0.91 0.00	29.62 0.78 0.00	27.36 0.59 0.00
GILBOA___1 23756	27.55 0.64 0.00	25.74 0.46 0.00	23.98 0.42 0.00	22.76 0.42 0.00	22.72 0.45 0.00	22.72 0.47 0.00	23.67 0.49 0.00	23.99 0.52 0.00	24.85 0.61 0.00	26.12 0.69 0.00	26.25 0.71 0.00	27.57 0.78 0.00	27.93 0.94 0.00	28.21 1.09 0.00	28.24 1.11 0.00	31.13 1.25 -0.07	34.27 1.32 0.00	42.39 1.51 0.00	40.93 1.37 -1.31	38.82 1.28 -1.05	37.23 1.19 -0.07	32.43 1.03 0.00	29.76 0.92 0.00	27.46 0.69 0.00
GILBOA___2 23757	27.55 0.64 0.00	25.74 0.46 0.00	23.98 0.42 0.00	22.76 0.42 0.00	22.72 0.45 0.00	22.72 0.47 0.00	23.67 0.49 0.00	23.99 0.52 0.00	24.85 0.61 0.00	26.12 0.69 0.00	26.25 0.71 0.00	27.57 0.78 0.00	27.93 0.94 0.00	28.21 1.09 0.00	28.24 1.11 0.00	31.13 1.25 -0.07	34.27 1.32 0.00	42.39 1.51 0.00	40.93 1.37 -1.31	38.82 1.28 -1.05	37.23 1.19 -0.07	32.43 1.03 0.00	29.76 0.92 0.00	27.46 0.69 0.00



GILBOA___3 23758	27.55 0.64 0.00	25.74 0.46 0.00	23.98 0.42 0.00	22.76 0.42 0.00	22.72 0.45 0.00	22.72 0.47 0.00	23.67 0.49 0.00	23.99 0.52 0.00	24.85 0.61 0.00	26.12 0.69 0.00	26.25 0.71 0.00	27.57 0.78 0.00	27.93 0.94 0.00	28.21 1.09 0.00	28.24 1.11 0.00	31.13 1.25 -0.07	34.27 1.32 0.00	42.39 1.51 0.00	40.93 1.37 -1.31	38.82 1.28 -1.05	37.23 1.19 -0.07	32.43 1.03 0.00	29.76 0.92 0.00	27.46 0.69 0.00
GILBOA___4 23759	27.55 0.64 0.00	25.74 0.46 0.00	23.98 0.42 0.00	22.76 0.42 0.00	22.72 0.45 0.00	22.72 0.47 0.00	23.67 0.49 0.00	23.99 0.52 0.00	24.85 0.61 0.00	26.12 0.69 0.00	26.25 0.71 0.00	27.57 0.78 0.00	27.93 0.94 0.00	28.21 1.09 0.00	28.24 1.11 0.00	31.13 1.25 -0.07	34.27 1.32 0.00	42.39 1.51 0.00	40.93 1.37 -1.31	38.82 1.28 -1.05	37.23 1.19 -0.07	32.43 1.03 0.00	29.76 0.92 0.00	27.46 0.69 0.00
GILBOA___ 23599	27.55 0.65 0.00	25.74 0.46 0.00	23.98 0.42 0.00	22.76 0.42 0.00	22.72 0.45 0.00	22.72 0.47 0.00	23.67 0.49 0.00	23.99 0.52 0.00	24.82 0.58 0.00	26.07 0.64 0.00	26.25 0.72 0.00	27.57 0.78 0.00	27.93 0.94 0.00	28.18 1.06 0.00	28.24 1.11 0.00	31.13 1.25 -0.07	34.27 1.32 0.00	42.39 1.51 0.00	40.93 1.38 -1.31	38.82 1.28 -1.05	37.23 1.19 -0.07	32.43 1.04 0.00	29.76 0.92 0.00	27.47 0.70 0.00
GINNA___ 23603	25.29 -1.61 0.00	23.59 -1.69 0.00	21.88 -1.67 0.00	20.71 -1.63 0.00	20.58 -1.69 0.00	20.59 -1.67 0.00	21.40 -1.78 0.00	21.69 -1.78 0.00	22.28 -1.96 0.00	23.37 -2.06 0.00	23.39 -2.15 0.00	24.79 -1.90 0.10	25.12 -1.84 0.04	25.16 -1.93 0.04	25.23 -1.90 0.00	27.68 -2.12 0.01	30.75 -2.11 0.09	35.37 -2.78 2.73	35.12 -2.45 0.67	32.67 -2.37 1.44	33.52 -2.12 0.33	29.38 -2.01 0.01	27.08 -1.76 0.00	24.91 -1.82 0.04
GLEN PARK___ 23778	26.31 -0.59 0.00	24.75 -0.53 0.00	23.01 -0.54 0.00	21.76 -0.58 0.00	21.65 -0.62 0.00	21.63 -0.62 0.00	22.61 -0.58 0.00	22.84 -0.63 0.00	23.46 -0.78 0.00	24.57 -0.86 0.00	24.59 -0.94 0.00	25.85 -0.96 -0.02	26.02 -0.97 -0.01	26.05 -1.09 -0.01	25.88 -1.25 0.00	28.57 -1.25 -0.01	31.78 -1.18 -0.02	40.27 -1.02 -0.42	37.76 -0.61 -0.13	36.22 -0.55 -0.28	35.54 -0.50 -0.07	30.86 -0.53 0.00	28.29 -0.55 0.00	26.13 -0.64 -0.01
GLENDALE_27_KV_LOAD 356172	28.84 1.94 0.00	26.67 1.39 0.00	24.85 1.30 0.00	23.61 1.27 0.00	23.54 1.27 0.00	23.52 1.27 0.00	24.55 1.37 0.00	25.00 1.53 0.00	25.89 1.65 0.00	27.29 1.86 0.00	27.63 2.09 0.00	29.13 2.33 0.00	29.63 2.64 0.00	30.00 2.88 0.00	30.11 2.98 0.00	33.28 3.40 -0.07	36.51 3.56 0.00	45.04 4.17 0.00	43.30 3.56 -1.50	41.01 3.32 -1.20	39.25 3.17 -0.10	34.03 2.64 0.00	31.20 2.36 0.00	28.75 1.98 0.00
GLENWOOD_IC_1_G5 23712	33.95 2.15 -4.89	30.70 1.67 -3.75	28.57 1.55 -3.46	26.21 1.52 -2.35	26.95 1.54 -3.14	25.60 1.56 -1.78	25.51 1.65 -0.68	25.39 1.76 -0.16	29.59 1.89 -3.46	33.79 2.14 -6.22	35.15 2.40 -7.22	37.34 2.68 -7.86	38.56 3.00 -8.57	40.08 3.20 -9.75	41.02 3.28 -10.61	41.13 3.67 -7.65	40.39 3.66 -3.79	45.21 4.33 0.00	43.30 3.56 -1.50	41.30 3.61 -1.20	39.57 3.49 -0.10	35.41 3.08 -0.94	32.45 2.71 -0.90	32.00 2.28 -2.95
GLENWOOD_IC_2_G1 23688	33.87 2.07 -4.90	30.62 1.59 -3.75	28.50 1.48 -3.46	26.14 1.45 -2.35	26.86 1.45 -3.14	25.53 1.49 -1.78	25.45 1.58 -0.68	25.32 1.69 -0.16	29.54 1.84 -3.46	33.79 2.14 -6.22	35.05 2.30 -7.22	37.21 2.55 -7.86	38.42 2.86 -8.57	39.97 3.09 -9.75	40.88 3.15 -10.61	41.01 3.55 -7.65	40.43 3.69 -3.79	45.25 4.38 0.00	43.37 3.63 -1.50	41.01 3.32 -1.20	39.35 3.27 -0.10	35.25 2.92 -0.94	32.34 2.60 -0.90	31.89 2.17 -2.95
GLENWOOD_IC_3_G1 23689	33.87 2.07 -4.90	30.62 1.59 -3.75	28.50 1.48 -3.46	26.14 1.45 -2.35	26.86 1.45 -3.14	25.53 1.49 -1.78	25.45 1.58 -0.68	25.32 1.69 -0.16	29.54 1.84 -3.46	33.79 2.14 -6.22	35.05 2.30 -7.22	37.21 2.55 -7.86	38.42 2.86 -8.57	39.97 3.09 -9.75	40.88 3.15 -10.61	41.01 3.55 -7.65	40.43 3.69 -3.79	45.25 4.38 0.00	43.37 3.63 -1.50	41.01 3.32 -1.20	39.35 3.27 -0.10	35.25 2.92 -0.94	32.34 2.60 -0.90	31.89 2.17 -2.95
GLENWOOD___4 23550	33.95 2.15 -4.89	30.70 1.67 -3.75	28.57 1.55 -3.46	26.21 1.52 -2.35	26.95 1.54 -3.14	25.60 1.56 -1.78	25.51 1.65 -0.68	25.39 1.76 -0.16	29.59 1.89 -3.46	33.79 2.14 -6.22	35.15 2.40 -7.22	37.34 2.68 -7.86	38.56 3.00 -8.57	40.08 3.20 -9.75	41.02 3.28 -10.61	41.13 3.67 -7.65	40.46 3.72 -3.79	45.29 4.41 0.00	43.37 3.63 -1.50	41.30 3.61 -1.20	39.57 3.49 -0.10	35.41 3.08 -0.94	32.45 2.71 -0.90	32.00 2.28 -2.95
GLENWOOD___5 23614	33.95 2.15 -4.89	30.70 1.67 -3.75	28.57 1.55 -3.46	26.21 1.52 -2.35	26.95 1.54 -3.14	25.60 1.56 -1.78	25.51 1.65 -0.68	25.39 1.76 -0.16	29.59 1.89 -3.46	33.79 2.14 -6.22	35.15 2.40 -7.22	37.34 2.68 -7.86	38.56 3.00 -8.57	40.08 3.20 -9.75	41.02 3.28 -10.61	41.13 3.67 -7.65	40.46 3.72 -3.79	45.29 4.41 0.00	43.37 3.63 -1.50	41.30 3.61 -1.20	39.57 3.49 -0.10	35.41 3.08 -0.94	32.45 2.71 -0.90	32.00 2.28 -2.95
GLOBAL GREEN_PORT_GT1 23814	34.60 2.80 -4.89	31.26 2.23 -3.75	29.06 2.05 -3.46	26.63 1.94 -2.35	27.39 1.98 -3.14	26.04 2.00 -1.78	26.00 2.13 -0.68	25.81 2.18 -0.16	30.03 2.33 -3.46	34.42 2.77 -6.22	36.05 3.30 -7.22	38.34 3.67 -7.87	39.56 3.99 -8.58	41.11 4.23 -9.75	42.03 4.28 -10.62	42.21 4.74 -7.66	44.27 5.24 -6.08	64.45 6.25 -17.33	44.90 5.16 -1.50	42.17 4.49 -1.20	40.22 4.14 -0.10	36.10 3.77 -0.94	32.74 3.00 -0.90	32.29 2.57 -2.95
GLOBE___DSASP 323697	25.40 -1.51 0.00	23.54 -1.74 0.00	21.86 -1.70 0.00	20.64 -1.70 0.00	20.45 -1.83 0.00	20.52 -1.74 0.00	21.17 -2.02 0.00	21.38 -2.09 0.00	21.72 -2.52 0.00	22.76 -2.67 0.00	22.86 -2.68 0.00	24.29 -2.41 0.10	24.63 -2.32 0.03	24.84 -2.25 0.03	25.04 -2.09 0.00	27.36 -2.44 0.01	30.13 -2.73 0.08	33.93 -4.05 2.90	34.51 -3.33 0.40	31.97 -3.36 1.16	32.75 -2.91 0.31	29.06 -2.32 0.01	26.91 -1.93 0.00	24.81 -1.93 0.03
GOETHSLN___LBMP 323567	28.49 1.59 0.00	26.37 1.09 0.00	24.57 1.01 0.00	23.32 0.98 0.00	23.32 1.05 0.00	23.30 1.05 0.00	24.30 1.11 0.00	24.78 1.31 0.00	25.65 1.41 0.00	27.03 1.60 0.00	27.35 1.81 0.00	28.86 2.06 0.00	29.36 2.37 0.00	29.70 2.58 0.00	29.78 2.66 0.00	32.92 3.04 -0.07	36.14 3.20 0.00	44.51 3.64 0.00	42.84 3.10 -1.50	40.57 2.88 -1.20	38.78 2.70 -0.10	33.69 2.29 0.00	30.89 2.05 0.00	28.43 1.66 0.00
GOLAH___69_KV_TB 1_2 80279	26.42 -0.48 0.00	24.65 -0.63 0.00	22.87 -0.68 0.00	21.63 -0.71 0.00	21.47 -0.80 0.00	21.50 -0.76 0.00	22.26 -0.93 0.00	22.53 -0.94 0.00	23.03 -1.21 0.00	24.14 -1.30 0.00	24.21 -1.33 0.00	25.68 -1.02 0.10	26.01 -0.94 0.04	26.03 -1.06 0.04	26.12 -1.00 0.00	28.66 -1.13 0.01	31.84 -1.02 0.09	36.46 -1.63 2.78	36.30 -1.26 0.68	33.79 -1.24 1.45	34.71 -0.94 0.33	30.48 -0.91 0.01	28.18 -0.66 0.00	25.96 -0.78 0.04



GOODYEAR_LAKE_HYD 323669	28.30 1.40 0.00	26.47 1.19 0.00	24.64 1.08 0.00	23.32 0.98 0.00	23.23 0.96 0.00	23.26 1.00 0.00	24.25 1.07 0.00	24.53 1.06 0.00	25.31 1.07 0.00	26.50 1.07 0.00	26.63 1.10 0.00	28.00 1.21 0.00	28.42 1.43 0.00	28.62 1.49 0.00	28.54 1.41 0.00	31.44 1.61 -0.02	34.76 1.81 0.00	43.33 2.45 0.00	43.00 2.41 -2.35	40.63 2.26 -1.89	38.56 2.23 -0.36	33.34 1.95 0.00	30.51 1.67 0.00	28.11 1.34 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	27.17 0.27 0.00	25.33 0.05 0.00	23.60 0.05 0.00	22.34 0.00 0.00	22.23 -0.04 0.00	22.23 -0.02 0.00	23.12 -0.07 0.00	23.40 -0.07 0.00	24.07 -0.17 0.00	25.20 -0.23 0.00	25.31 -0.23 0.00	26.50 -0.27 0.03	26.95 -0.03 0.01	27.17 0.05 0.01	27.23 0.11 0.00	29.88 0.06 -0.02	32.92 0.00 0.02	39.71 -0.16 1.00	38.55 -0.04 -0.35	36.48 -0.04 -0.03	35.89 -0.04 0.05	31.58 0.19 0.00	29.07 0.23 0.00	26.73 -0.03 0.01
GOUDEY___7 23579	27.17 0.27 0.00	25.33 0.05 0.00	23.60 0.05 0.00	22.34 0.00 0.00	22.23 -0.04 0.00	22.23 -0.02 0.00	23.12 -0.07 0.00	23.40 -0.07 0.00	24.07 -0.17 0.00	25.20 -0.23 0.00	25.31 -0.23 0.00	26.50 -0.27 0.03	26.95 -0.03 0.01	27.17 0.05 0.01	27.23 0.11 0.00	29.88 0.06 -0.02	32.92 0.00 0.02	39.71 -0.16 1.00	38.55 -0.04 -0.35	36.48 -0.04 -0.03	35.89 -0.04 0.05	31.58 0.19 0.00	29.07 0.23 0.00	26.73 -0.03 0.01
GOUDEY___8 23580	27.17 0.27 0.00	25.33 0.05 0.00	23.60 0.05 0.00	22.34 0.00 0.00	22.23 -0.04 0.00	22.23 -0.02 0.00	23.12 -0.07 0.00	23.40 -0.07 0.00	24.07 -0.17 0.00	25.20 -0.23 0.00	25.31 -0.23 0.00	26.50 -0.27 0.03	26.95 -0.03 0.01	27.17 0.05 0.01	27.23 0.11 0.00	29.88 0.06 -0.02	32.92 0.00 0.02	39.71 -0.16 1.00	38.55 -0.04 -0.35	36.48 -0.04 -0.03	35.89 -0.04 0.05	31.58 0.19 0.00	29.07 0.23 0.00	26.73 -0.03 0.01
GOWANUS_GT1_1 24077	39.11 1.94 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.62 1.34 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.53 -0.01	39.07 1.65 -13.18	39.33 1.86 -12.04	39.46 2.07 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.11 2.85 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.80 3.36 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.36 -8.28	39.14 1.98 -10.39
GOWANUS_GT1_2 24078	39.11 1.94 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.62 1.34 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.53 -0.01	39.07 1.65 -13.18	39.33 1.86 -12.04	39.46 2.07 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.11 2.85 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.80 3.36 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.36 -8.28	39.14 1.98 -10.39
GOWANUS_GT1_3 24079	39.11 1.94 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.62 1.34 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.53 -0.01	39.07 1.65 -13.18	39.33 1.86 -12.04	39.46 2.07 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.11 2.85 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.80 3.36 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.36 -8.28	39.14 1.98 -10.39
GOWANUS_GT1_4 24080	39.11 1.94 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.62 1.34 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.53 -0.01	39.07 1.65 -13.18	39.33 1.86 -12.04	39.46 2.07 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.11 2.85 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.80 3.36 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.36 -8.28	39.14 1.98 -10.39
GOWANUS_GT1_5 24084	39.11 1.94 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.62 1.34 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.53 -0.01	39.07 1.65 -13.18	39.33 1.86 -12.04	39.46 2.07 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.11 2.85 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.80 3.36 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.36 -8.28	39.14 1.98 -10.39
GOWANUS_GT1_6 24111	39.11 1.94 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.62 1.34 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.53 -0.01	39.07 1.65 -13.18	39.33 1.86 -12.04	39.46 2.07 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.11 2.85 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.80 3.36 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.36 -8.28	39.14 1.98 -10.39
GOWANUS_GT1_7 24112	39.11 1.94 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.62 1.34 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.53 -0.01	39.07 1.65 -13.18	39.33 1.86 -12.04	39.46 2.07 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.11 2.85 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.80 3.36 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.36 -8.28	39.14 1.98 -10.39
GOWANUS_GT1_8 24113	39.11 1.94 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.62 1.34 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.53 -0.01	39.07 1.65 -13.18	39.33 1.86 -12.04	39.46 2.07 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.11 2.85 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.80 3.36 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.36 -8.28	39.14 1.98 -10.39
GOWANUS_GT2_1 24114	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39
GOWANUS_GT2_2 24115	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39
GOWANUS_GT2_3 24116	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39



GOWANUS_GT2_4 24117	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39
GOWANUS_GT2_5 24118	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39
GOWANUS_GT2_6 24119	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39
GOWANUS_GT2_7 24120	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39
GOWANUS_GT2_8 24121	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39
GOWANUS_GT3_1 24122	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39
GOWANUS_GT3_2 24123	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39
GOWANUS_GT3_3 24124	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39
GOWANUS_GT3_4 24125	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39
GOWANUS_GT3_5 24126	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39
GOWANUS_GT3_6 24127	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39
GOWANUS_GT3_7 24128	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39
GOWANUS_GT3_8 24129	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39
GOWANUS_GT4_1 24130	39.11 1.94 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.62 1.34 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.53 -0.01	39.07 1.65 -13.18	39.33 1.86 -12.04	39.46 2.07 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.11 2.85 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.80 3.36 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.36 -8.28	39.14 1.98 -10.39
GOWANUS_GT4_2 24131	39.11 1.94 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.62 1.34 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.53 -0.01	39.07 1.65 -13.18	39.33 1.86 -12.04	39.46 2.07 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.11 2.85 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.80 3.36 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.36 -8.28	39.14 1.98 -10.39



GOWANUS_GT4_3 24132	39.11 1.94 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.62 1.34 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.53 -0.01	39.07 1.65 -13.18	39.33 1.86 -12.04	39.46 2.07 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.11 2.85 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.80 3.36 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.36 -8.28	39.14 1.98 -10.39
GOWANUS_GT4_4 24133	39.11 1.94 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.62 1.34 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.53 -0.01	39.07 1.65 -13.18	39.33 1.86 -12.04	39.46 2.07 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.11 2.85 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.80 3.36 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.36 -8.28	39.14 1.98 -10.39
GOWANUS_GT4_5 24134	39.11 1.94 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.62 1.34 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.53 -0.01	39.07 1.65 -13.18	39.33 1.86 -12.04	39.46 2.07 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.11 2.85 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.80 3.36 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.36 -8.28	39.14 1.98 -10.39
GOWANUS_GT4_6 24135	39.11 1.94 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.62 1.34 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.53 -0.01	39.07 1.65 -13.18	39.33 1.86 -12.04	39.46 2.07 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.11 2.85 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.80 3.36 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.36 -8.28	39.14 1.98 -10.39
GOWANUS_GT4_7 24136	39.11 1.94 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.62 1.34 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.53 -0.01	39.07 1.65 -13.18	39.33 1.86 -12.04	39.46 2.07 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.11 2.85 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.80 3.36 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.36 -8.28	39.14 1.98 -10.39
GOWANUS_GT4_8 24137	39.11 1.94 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.62 1.34 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.53 -0.01	39.07 1.65 -13.18	39.33 1.86 -12.04	39.46 2.07 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.11 2.85 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.80 3.36 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.36 -8.28	39.14 1.98 -10.39
GREENBSH_115KV_TB3 55895	27.23 0.32 0.00	25.51 0.23 0.00	23.76 0.21 0.00	22.63 0.29 0.00	22.59 0.31 0.00	22.61 0.36 0.00	23.58 0.39 0.00	23.85 0.38 0.00	24.73 0.48 0.00	25.89 0.46 0.00	26.12 0.59 0.00	27.39 0.59 0.00	27.72 0.73 0.00	27.94 0.81 0.00	27.99 0.87 0.00	30.92 1.01 -0.09	34.04 1.09 0.00	42.18 1.31 0.00	43.60 1.15 -4.21	40.93 1.06 -3.38	37.58 0.97 -0.63	32.24 0.85 0.00	29.53 0.69 0.00	27.31 0.54 0.00
GREENIDGE_115KV_TB5 80291	26.96 0.05 0.00	25.16 -0.13 0.00	23.39 -0.16 0.00	22.09 -0.25 0.00	21.94 -0.33 0.00	21.97 -0.29 0.00	22.84 -0.35 0.00	23.12 -0.35 0.00	23.68 -0.56 0.00	24.80 -0.64 0.00	24.85 -0.69 0.00	26.04 -0.70 0.06	26.48 -0.49 0.02	26.67 -0.43 0.02	26.72 -0.41 0.00	29.33 -0.48 0.00	32.44 -0.46 0.05	36.07 -0.69 4.11	37.49 -0.69 0.06	35.58 -0.36 0.54	35.47 -0.32 0.18	31.27 -0.13 0.00	28.84 0.00 0.00	26.38 -0.37 0.02
GREENIDGE___3 23582	26.96 0.05 0.00	25.16 -0.13 0.00	23.39 -0.16 0.00	22.09 -0.25 0.00	21.94 -0.33 0.00	21.97 -0.29 0.00	22.84 -0.35 0.00	23.12 -0.35 0.00	23.68 -0.56 0.00	24.80 -0.64 0.00	24.85 -0.69 0.00	26.04 -0.70 0.06	26.48 -0.49 0.02	26.67 -0.43 0.02	26.72 -0.41 0.00	29.33 -0.48 0.00	32.44 -0.46 0.05	36.07 -0.69 4.11	37.49 -0.69 0.06	35.58 -0.36 0.54	35.47 -0.32 0.18	31.27 -0.13 0.00	28.84 0.00 0.00	26.38 -0.37 0.02
GREENIDGE___4 23583	27.01 0.11 0.00	25.16 -0.13 0.00	23.39 -0.16 0.00	22.09 -0.25 0.00	21.94 -0.33 0.00	21.97 -0.29 0.00	22.84 -0.35 0.00	23.14 -0.33 0.00	23.73 -0.51 0.00	24.87 -0.56 0.00	24.85 -0.69 0.00	26.07 -0.67 0.06	26.48 -0.49 0.02	26.70 -0.41 0.02	26.75 -0.38 0.00	29.33 -0.48 0.00	32.41 -0.49 0.05	36.07 -0.70 4.11	37.49 -0.69 0.06	35.58 -0.36 0.54	35.51 -0.29 0.18	31.27 -0.13 0.00	28.84 0.00 0.00	26.38 -0.37 0.02
GREENLWN_69_KV_BK 3 55738	33.63 1.83 -4.89	30.45 1.42 -3.75	28.36 1.34 -3.46	25.99 1.30 -2.35	26.75 1.34 -3.14	25.40 1.36 -1.78	25.31 1.44 -0.68	25.20 1.57 -0.16	29.37 1.67 -3.46	33.51 1.86 -6.22	34.64 1.89 -7.22	36.77 2.12 -7.86	37.99 2.43 -8.57	39.51 2.63 -9.75	40.48 2.74 -10.61	40.56 3.10 -7.65	39.85 3.33 -3.57	41.72 3.92 3.08	42.87 3.14 -1.50	40.57 2.88 -1.20	38.85 2.77 -0.10	34.75 2.42 -0.94	32.05 2.31 -0.90	31.62 1.90 -2.95
GREENWD_138_KV_38B11_REV_LBMP_J 345004	39.11 1.94 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.62 1.34 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.53 -0.01	39.07 1.65 -13.18	39.33 1.86 -12.04	39.46 2.07 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.11 2.85 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.80 3.36 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.36 -8.28	39.14 1.98 -10.39
GRISSOM___SOLAR 323813	29.06 2.15 0.00	27.20 1.92 0.00	25.25 1.70 0.00	23.95 1.61 0.00	23.88 1.60 0.00	23.93 1.67 0.00	24.93 1.74 0.00	25.04 1.57 0.00	25.96 1.72 0.00	27.04 1.60 0.00	27.09 1.56 0.00	28.49 1.69 0.00	28.82 1.84 0.00	29.05 1.93 0.00	29.11 1.98 0.00	32.18 2.26 -0.10	35.62 2.67 0.00	44.72 3.84 0.00	48.87 3.86 -6.77	45.64 3.72 -5.43	40.87 3.71 -1.19	34.60 3.20 0.00	31.61 2.77 0.00	28.99 2.22 0.00
GROVEVILLE___HYD 323602	28.52 1.61 0.00	26.52 1.24 0.00	24.73 1.18 0.00	23.48 1.14 0.00	23.43 1.16 0.00	23.41 1.16 0.00	24.37 1.18 0.00	24.71 1.24 0.00	25.60 1.36 0.00	27.01 1.58 0.00	27.32 1.79 0.00	28.70 1.90 0.00	29.20 2.21 0.00	29.51 2.39 0.00	29.59 2.47 0.00	32.68 2.80 -0.07	35.98 3.03 0.00	44.59 3.72 0.00	42.98 3.21 -1.53	40.70 2.99 -1.23	38.86 2.77 -0.11	33.72 2.32 0.00	30.92 2.08 0.00	28.51 1.74 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	26.80 -0.11 0.00	25.08 -0.20 0.00	23.34 -0.21 0.00	22.12 -0.22 0.00	22.03 -0.25 0.00	22.03 -0.22 0.00	22.93 -0.26 0.00	23.21 -0.26 0.00	23.93 -0.32 0.00	25.05 -0.38 0.00	25.05 -0.49 0.00	26.37 -0.43 0.00	26.66 -0.32 0.00	26.83 -0.30 0.00	26.83 -0.30 0.00	29.52 -0.30 -0.01	32.68 -0.26 0.00	40.51 -0.37 0.00	37.97 -0.27 0.00	36.23 -0.26 0.00	35.72 -0.25 0.00	31.18 -0.22 0.00	28.70 -0.14 0.00	26.45 -0.32 0.00



HAMLTNNY_34_KV_TB 80303	26.77 -0.13 0.00	25.05 -0.23 0.00	23.32 -0.24 0.00	22.09 -0.25 0.00	21.99 -0.29 0.00	21.99 -0.27 0.00	22.91 -0.28 0.00	23.19 -0.28 0.00	23.88 -0.36 0.00	25.00 -0.43 0.00	25.03 -0.51 0.00	26.34 -0.46 0.00	26.64 -0.35 0.00	26.80 -0.33 0.00	26.80 -0.33 0.00	29.49 -0.33 -0.01	32.65 -0.30 0.00	40.51 -0.37 0.00	37.97 -0.27 0.00	36.19 -0.29 0.00	35.72 -0.25 0.00	31.18 -0.22 0.00	28.70 -0.14 0.00	26.42 -0.35 0.00
HAMPSHIRE___PAPER_HYD 323593	26.34 -0.57 0.00	24.93 -0.35 0.00	23.20 -0.35 0.00	21.96 -0.38 0.00	21.87 -0.40 0.00	21.81 -0.44 0.00	22.77 -0.42 0.00	23.00 -0.47 0.00	23.71 -0.53 0.00	24.92 -0.51 0.00	25.00 -0.54 0.00	26.10 -0.70 0.00	26.18 -0.81 0.00	26.10 -1.03 0.00	25.93 -1.19 0.00	28.50 -1.31 0.00	31.63 -1.32 0.00	39.61 -1.27 0.00	37.21 -1.03 0.00	35.57 -0.91 0.00	35.15 -0.83 0.00	30.64 -0.75 0.00	28.18 -0.66 0.00	26.26 -0.51 0.00
HARDSCRABBLE_WT_PWR 323673	26.64 -0.27 0.00	24.98 -0.30 0.00	23.29 -0.26 0.00	22.07 -0.27 0.00	22.03 -0.24 0.00	22.01 -0.24 0.00	22.95 -0.23 0.00	23.24 -0.23 0.00	24.00 -0.24 0.00	25.15 -0.28 0.00	25.23 -0.31 0.00	26.45 -0.35 0.00	26.67 -0.32 0.00	26.75 -0.38 0.00	26.61 -0.52 0.00	29.15 -0.66 0.00	32.13 -0.82 0.00	39.85 -1.02 0.00	37.32 -0.92 0.00	35.65 -0.84 0.00	35.15 -0.83 0.00	30.74 -0.66 0.00	28.21 -0.63 0.00	26.16 -0.61 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.39 1.48 0.00	26.37 1.09 0.00	24.57 1.01 0.00	23.32 0.98 0.00	23.28 1.00 0.00	23.28 1.02 0.00	24.23 1.04 0.00	24.60 1.13 0.00	25.45 1.21 0.00	26.83 1.40 0.00	27.15 1.61 0.00	28.54 1.74 0.00	29.04 2.05 0.00	29.32 2.20 0.00	29.43 2.31 0.00	32.50 2.62 -0.07	35.72 2.77 0.00	44.23 3.35 0.00	42.49 2.87 -1.38	40.29 2.70 -1.11	38.55 2.48 -0.10	33.50 2.10 0.00	30.71 1.87 0.00	28.32 1.55 0.00
HARSNRAD_115KV_TB1 81005	25.94 -0.97 0.00	24.04 -1.24 0.00	22.33 -1.22 0.00	21.07 -1.27 0.00	20.87 -1.40 0.00	20.94 -1.31 0.00	21.61 -1.58 0.00	21.85 -1.62 0.00	22.20 -2.04 0.00	23.25 -2.19 0.00	23.37 -2.17 0.00	24.75 -1.96 0.10	25.17 -1.78 0.03	25.36 -1.74 0.03	25.55 -1.57 0.00	27.89 -1.91 0.01	30.73 -2.14 0.08	34.72 -3.27 2.88	35.24 -2.60 0.40	32.73 -2.59 1.16	33.44 -2.23 0.31	29.72 -1.66 0.01	27.51 -1.33 0.00	25.32 -1.42 0.03
HARZA MOOSE___RIVER 24016	27.07 0.16 0.00	25.43 0.15 0.00	23.69 0.14 0.00	22.43 0.09 0.00	22.32 0.04 0.00	22.30 0.04 0.00	23.28 0.09 0.00	23.54 0.07 0.00	24.24 0.00 0.00	25.43 0.00 0.00	25.51 -0.03 0.00	26.74 -0.05 0.00	26.99 0.00 0.00	27.02 -0.11 0.00	26.85 -0.27 0.00	29.57 -0.24 0.00	32.78 -0.16 0.00	40.92 0.04 0.00	38.47 0.23 0.00	36.70 0.22 0.00	36.19 0.22 0.00	31.55 0.16 0.00	29.01 0.17 0.00	26.88 0.11 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	26.66 -0.24 0.00	24.95 -0.33 0.00	23.25 -0.31 0.00	22.03 -0.31 0.00	21.94 -0.33 0.00	21.92 -0.33 0.00	22.84 -0.35 0.00	23.12 -0.35 0.00	23.83 -0.41 0.00	24.95 -0.48 0.00	24.95 -0.59 0.00	26.22 -0.54 0.04	26.54 -0.43 0.02	26.70 -0.41 0.02	26.72 -0.41 0.00	29.39 -0.42 0.00	32.52 -0.40 0.04	39.39 -0.57 0.91	37.49 -0.46 0.29	35.42 -0.44 0.62	35.40 -0.43 0.14	31.02 -0.38 0.00	28.52 -0.32 0.00	26.30 -0.46 0.02
HELLGATE_13_KV_LD 55870	28.73 1.83 0.00	26.57 1.29 0.00	24.75 1.20 0.00	23.52 1.18 0.00	23.46 1.18 0.00	23.41 1.16 0.00	24.44 1.25 0.00	24.88 1.41 0.00	25.77 1.53 0.00	27.16 1.73 0.00	27.48 1.94 0.00	28.99 2.20 0.00	29.47 2.48 0.00	29.84 2.71 0.00	29.95 2.82 0.00	33.07 3.19 -0.07	36.31 3.36 0.00	44.76 3.88 0.00	43.03 3.29 -1.50	40.79 3.10 -1.20	39.03 2.95 -0.10	33.85 2.45 0.00	31.03 2.19 0.00	28.62 1.85 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	28.73 1.83 0.00	26.57 1.29 0.00	24.75 1.20 0.00	23.52 1.18 0.00	23.46 1.18 0.00	23.41 1.16 0.00	24.44 1.25 0.00	24.88 1.41 0.00	25.77 1.53 0.00	27.16 1.73 0.00	27.48 1.94 0.00	28.99 2.20 0.00	29.47 2.48 0.00	29.84 2.71 0.00	29.95 2.82 0.00	33.07 3.19 -0.07	36.31 3.36 0.00	44.76 3.88 0.00	43.03 3.29 -1.50	40.79 3.10 -1.20	39.03 2.95 -0.10	33.85 2.45 0.00	31.03 2.19 0.00	28.62 1.85 0.00
HEMPSTEAD____ 23647	33.84 2.04 -4.90	30.57 1.54 -3.75	28.48 1.46 -3.46	26.10 1.41 -2.35	26.84 1.43 -3.14	25.49 1.45 -1.78	25.40 1.53 -0.68	25.27 1.64 -0.16	29.52 1.82 -3.46	33.74 2.09 -6.22	35.02 2.27 -7.22	37.18 2.52 -7.86	38.37 2.81 -8.57	39.91 3.04 -9.75	40.83 3.09 -10.61	40.92 3.46 -7.65	40.36 3.62 -3.79	45.17 4.29 0.00	43.25 3.52 -1.50	40.90 3.21 -1.20	39.25 3.17 -0.10	35.22 2.89 -0.94	32.28 2.54 -0.90	31.84 2.11 -2.95
HEWLETT_69_KV_BK3 55828	34.06 2.26 -4.89	30.80 1.77 -3.75	28.66 1.65 -3.46	26.28 1.59 -2.35	27.02 1.60 -3.14	25.66 1.62 -1.78	25.56 1.69 -0.68	25.46 1.83 -0.16	29.66 1.96 -3.46	33.86 2.21 -6.22	35.25 2.50 -7.22	37.42 2.76 -7.86	38.64 3.08 -8.57	40.16 3.28 -9.75	41.10 3.36 -10.61	41.22 3.76 -7.65	40.76 4.02 -3.79	45.66 4.78 0.00	43.72 3.98 -1.50	41.41 3.72 -1.20	39.68 3.60 -0.10	35.53 3.20 -0.94	32.57 2.83 -0.90	32.11 2.38 -2.95
HICKLING___1 23621	27.04 0.13 0.00	25.16 -0.13 0.00	23.41 -0.14 0.00	22.12 -0.22 0.00	21.94 -0.33 0.00	21.99 -0.27 0.00	22.82 -0.37 0.00	23.05 -0.42 0.00	23.59 -0.65 0.00	24.67 -0.76 0.00	24.77 -0.77 0.00	25.86 -0.88 0.05	26.40 -0.57 0.02	26.62 -0.49 0.02	26.75 -0.38 0.00	29.25 -0.57 -0.01	32.18 -0.72 0.04	36.07 -1.14 3.67	37.45 -0.88 -0.09	35.37 -0.77 0.35	35.17 -0.68 0.12	31.20 -0.19 0.00	28.84 0.00 0.00	26.35 -0.40 0.02
HICKLING___2 23622	27.04 0.13 0.00	25.16 -0.13 0.00	23.41 -0.14 0.00	22.12 -0.22 0.00	21.94 -0.33 0.00	21.99 -0.27 0.00	22.82 -0.37 0.00	23.05 -0.42 0.00	23.59 -0.65 0.00	24.67 -0.76 0.00	24.77 -0.77 0.00	25.86 -0.88 0.05	26.40 -0.57 0.02	26.62 -0.49 0.02	26.75 -0.38 0.00	29.25 -0.57 -0.01	32.18 -0.72 0.04	36.07 -1.14 3.67	37.45 -0.88 -0.09	35.37 -0.77 0.35	35.17 -0.68 0.12	31.20 -0.19 0.00	28.84 0.00 0.00	26.35 -0.40 0.02
HIGH FALLS___HY 23754	28.60 1.70 0.00	26.55 1.26 0.00	24.75 1.20 0.00	23.48 1.14 0.00	23.43 1.16 0.00	23.39 1.14 0.00	24.32 1.14 0.00	24.69 1.22 0.00	25.55 1.31 0.00	26.98 1.55 0.00	27.30 1.76 0.00	28.67 1.88 0.00	29.20 2.21 0.00	29.51 2.39 0.00	29.59 2.47 0.00	32.71 2.83 -0.07	36.01 3.06 0.00	44.64 3.76 0.00	43.22 3.21 -1.77	40.90 2.99 -1.42	38.87 2.73 -0.16	33.72 2.32 0.00	30.92 2.08 0.00	28.51 1.74 0.00
HIGH_RIVER___SOLAR 323847	28.25 1.34 0.00	26.45 1.16 0.00	24.59 1.04 0.00	23.32 0.98 0.00	23.28 1.00 0.00	23.28 1.02 0.00	24.25 1.07 0.00	24.46 0.99 0.00	25.31 1.07 0.00	26.27 0.84 0.00	26.28 0.74 0.00	27.60 0.80 0.00	27.91 0.92 0.00	28.13 1.00 0.00	28.21 1.09 0.00	31.31 1.40 -0.10	34.66 1.71 0.00	43.37 2.49 0.00	47.89 2.52 -7.12	44.61 2.41 -5.72	39.61 2.37 -1.26	33.44 2.04 0.00	30.63 1.79 0.00	28.19 1.42 0.00



HILLBURN___GT 23639	28.38 1.48 0.00	26.34 1.06 0.00	24.56 1.01 0.00	23.30 0.96 0.00	23.25 0.98 0.00	23.28 1.02 0.00	24.25 1.07 0.00	24.62 1.15 0.00	25.55 1.31 0.00	26.98 1.55 0.00	27.20 1.66 0.00	28.62 1.82 0.00	29.09 2.11 0.00	29.43 2.30 0.00	29.51 2.39 0.00	32.59 2.71 -0.07	35.78 2.83 0.00	44.23 3.35 0.00	42.52 2.87 -1.41	40.27 2.66 -1.13	38.52 2.45 -0.10	33.50 2.10 0.00	30.71 1.87 0.00	28.32 1.55 0.00
HILLSIDE_115KV_TB1 80332	26.80 -0.11 0.00	24.93 -0.35 0.00	23.20 -0.35 0.00	21.92 -0.42 0.00	21.79 -0.49 0.00	21.83 -0.42 0.00	22.63 -0.56 0.00	22.88 -0.59 0.00	23.44 -0.80 0.00	24.52 -0.92 0.00	24.64 -0.89 0.00	25.71 -1.05 0.04	26.24 -0.73 0.02	26.49 -0.62 0.02	26.61 -0.52 0.00	29.10 -0.72 -0.01	31.95 -0.96 0.04	35.96 -1.47 3.44	37.17 -1.19 -0.12	35.06 -1.13 0.30	34.82 -1.04 0.11	30.92 -0.47 0.00	28.55 -0.29 0.00	26.14 -0.62 0.02
HISHELDN_WT_PWR 323625	26.45 -0.46 0.00	24.42 -0.86 0.00	22.71 -0.85 0.00	21.42 -0.92 0.00	21.23 -1.05 0.00	21.28 -0.98 0.00	21.96 -1.23 0.00	22.23 -1.24 0.00	22.74 -1.50 0.00	23.78 -1.65 0.00	23.67 -1.86 0.00	24.81 -1.90 0.08	25.29 -1.67 0.03	25.55 -1.55 0.03	25.71 -1.41 0.00	28.02 -1.79 0.01	30.80 -2.07 0.07	35.01 -2.90 2.96	35.59 -2.37 0.28	33.31 -2.23 0.95	33.80 -1.91 0.27	30.16 -1.22 0.01	27.95 -0.89 0.00	25.59 -1.15 0.03
HOLTSVILLE_IC_1 23690	33.82 2.02 -4.89	30.57 1.54 -3.75	28.50 1.48 -3.46	26.12 1.43 -2.35	26.86 1.45 -3.14	25.53 1.49 -1.78	25.49 1.62 -0.68	25.32 1.69 -0.16	29.52 1.82 -3.46	33.74 2.09 -6.22	35.02 2.27 -7.22	37.10 2.44 -7.87	38.32 2.75 -8.58	39.86 2.98 -9.75	40.83 3.09 -10.62	41.01 3.55 -7.66	42.86 3.85 -6.06	62.45 4.54 -17.04	43.45 3.71 -1.50	41.01 3.32 -1.20	39.21 3.13 -0.10	35.19 2.86 -0.94	32.22 2.48 -0.90	31.81 2.09 -2.95
HOLTSVILLE_IC_10 23699	33.98 2.18 -4.89	30.73 1.69 -3.75	28.62 1.60 -3.46	26.23 1.54 -2.35	26.97 1.56 -3.14	25.64 1.60 -1.78	25.61 1.74 -0.68	25.44 1.81 -0.16	29.64 1.94 -3.46	33.89 2.24 -6.22	35.20 2.45 -7.22	37.32 2.65 -7.87	38.56 3.00 -8.58	40.14 3.25 -9.76	41.11 3.36 -10.62	41.31 3.85 -7.66	43.28 4.18 -6.15	63.96 4.94 -18.14	43.83 4.09 -1.50	41.34 3.65 -1.20	39.53 3.45 -0.10	35.47 3.14 -0.94	32.39 2.65 -0.90	31.97 2.25 -2.95
HOLTSVILLE_IC_2 23691	33.82 2.02 -4.89	30.57 1.54 -3.75	28.50 1.48 -3.46	26.12 1.43 -2.35	26.86 1.45 -3.14	25.53 1.49 -1.78	25.49 1.62 -0.68	25.32 1.69 -0.16	29.52 1.82 -3.46	33.74 2.09 -6.22	35.02 2.27 -7.22	37.10 2.44 -7.87	38.32 2.75 -8.58	39.86 2.98 -9.75	40.83 3.09 -10.62	41.01 3.55 -7.66	42.86 3.85 -6.06	62.45 4.54 -17.04	43.45 3.71 -1.50	41.01 3.32 -1.20	39.21 3.13 -0.10	35.19 2.86 -0.94	32.22 2.48 -0.90	31.81 2.09 -2.95
HOLTSVILLE_IC_3 23692	33.82 2.02 -4.89	30.57 1.54 -3.75	28.50 1.48 -3.46	26.12 1.43 -2.35	26.86 1.45 -3.14	25.53 1.49 -1.78	25.49 1.62 -0.68	25.32 1.69 -0.16	29.52 1.82 -3.46	33.74 2.09 -6.22	35.02 2.27 -7.22	37.10 2.44 -7.87	38.32 2.75 -8.58	39.86 2.98 -9.75	40.83 3.09 -10.62	41.01 3.55 -7.66	42.86 3.85 -6.06	62.45 4.54 -17.04	43.45 3.71 -1.50	41.01 3.32 -1.20	39.21 3.13 -0.10	35.19 2.86 -0.94	32.22 2.48 -0.90	31.81 2.09 -2.95
HOLTSVILLE_IC_4 23693	33.82 2.02 -4.89	30.57 1.54 -3.75	28.50 1.48 -3.46	26.12 1.43 -2.35	26.86 1.45 -3.14	25.53 1.49 -1.78	25.49 1.62 -0.68	25.32 1.69 -0.16	29.52 1.82 -3.46	33.74 2.09 -6.22	35.02 2.27 -7.22	37.10 2.44 -7.87	38.32 2.75 -8.58	39.86 2.98 -9.75	40.83 3.09 -10.62	41.01 3.55 -7.66	42.86 3.85 -6.06	62.45 4.54 -17.04	43.45 3.71 -1.50	41.01 3.32 -1.20	39.21 3.13 -0.10	35.19 2.86 -0.94	32.22 2.48 -0.90	31.81 2.09 -2.95
HOLTSVILLE_IC_5 23694	33.82 2.02 -4.89	30.57 1.54 -3.75	28.50 1.48 -3.46	26.12 1.43 -2.35	26.86 1.45 -3.14	25.53 1.49 -1.78	25.49 1.62 -0.68	25.32 1.69 -0.16	29.52 1.82 -3.46	33.74 2.09 -6.22	35.02 2.27 -7.22	37.10 2.44 -7.87	38.32 2.75 -8.58	39.86 2.98 -9.75	40.83 3.09 -10.62	41.01 3.55 -7.66	42.86 3.85 -6.06	62.45 4.54 -17.04	43.45 3.71 -1.50	41.01 3.32 -1.20	39.21 3.13 -0.10	35.19 2.86 -0.94	32.22 2.48 -0.90	31.81 2.09 -2.95
HOLTSVILLE_IC_6 23695	33.98 2.18 -4.89	30.73 1.69 -3.75	28.62 1.60 -3.46	26.23 1.54 -2.35	26.97 1.56 -3.14	25.64 1.60 -1.78	25.61 1.74 -0.68	25.44 1.81 -0.16	29.64 1.94 -3.46	33.89 2.24 -6.22	35.20 2.45 -7.22	37.32 2.65 -7.87	38.56 3.00 -8.58	40.14 3.25 -9.76	41.11 3.36 -10.62	41.31 3.85 -7.66	43.28 4.18 -6.15	63.96 4.94 -18.14	43.83 4.09 -1.50	41.34 3.65 -1.20	39.53 3.45 -0.10	35.47 3.14 -0.94	32.39 2.65 -0.90	31.97 2.25 -2.95
HOLTSVILLE_IC_7 23696	33.98 2.18 -4.89	30.73 1.69 -3.75	28.62 1.60 -3.46	26.23 1.54 -2.35	26.97 1.56 -3.14	25.64 1.60 -1.78	25.61 1.74 -0.68	25.44 1.81 -0.16	29.64 1.94 -3.46	33.89 2.24 -6.22	35.20 2.45 -7.22	37.32 2.65 -7.87	38.56 3.00 -8.58	40.14 3.25 -9.76	41.11 3.36 -10.62	41.31 3.85 -7.66	43.28 4.18 -6.15	63.96 4.94 -18.14	43.83 4.09 -1.50	41.34 3.65 -1.20	39.53 3.45 -0.10	35.47 3.14 -0.94	32.39 2.65 -0.90	31.97 2.25 -2.95
HOLTSVILLE_IC_8 23697	33.98 2.18 -4.89	30.73 1.69 -3.75	28.62 1.60 -3.46	26.23 1.54 -2.35	26.97 1.56 -3.14	25.64 1.60 -1.78	25.61 1.74 -0.68	25.44 1.81 -0.16	29.64 1.94 -3.46	33.89 2.24 -6.22	35.20 2.45 -7.22	37.32 2.65 -7.87	38.56 3.00 -8.58	40.14 3.25 -9.76	41.11 3.36 -10.62	41.31 3.85 -7.66	43.28 4.18 -6.15	63.96 4.94 -18.14	43.83 4.09 -1.50	41.34 3.65 -1.20	39.53 3.45 -0.10	35.47 3.14 -0.94	32.39 2.65 -0.90	31.97 2.25 -2.95
HOLTSVILLE_IC_9 23698	33.98 2.18 -4.89	30.73 1.69 -3.75	28.62 1.60 -3.46	26.23 1.54 -2.35	26.97 1.56 -3.14	25.64 1.60 -1.78	25.61 1.74 -0.68	25.44 1.81 -0.16	29.64 1.94 -3.46	33.89 2.24 -6.22	35.20 2.45 -7.22	37.32 2.65 -7.87	38.56 3.00 -8.58	40.14 3.25 -9.76	41.11 3.36 -10.62	41.31 3.85 -7.66	43.28 4.18 -6.15	63.96 4.94 -18.14	43.83 4.09 -1.50	41.34 3.65 -1.20	39.53 3.45 -0.10	35.47 3.14 -0.94	32.39 2.65 -0.90	31.97 2.25 -2.95
HOMER_HL_115KV_TB2 355744	27.01 0.11 0.00	25.00 -0.28 0.00	23.29 -0.26 0.00	21.96 -0.38 0.00	21.76 -0.51 0.00	21.88 -0.38 0.00	22.56 -0.63 0.00	22.79 -0.68 0.00	23.17 -1.07 0.00	24.19 -1.25 0.00	24.39 -1.15 0.00	24.74 -1.98 0.08	25.80 -1.16 0.03	26.15 -0.95 0.03	26.48 -0.65 0.00	28.43 -1.37 0.00	30.67 -2.21 0.07	34.66 -3.15 3.07	35.38 -2.64 0.22	33.10 -2.52 0.87	33.35 -2.37 0.25	30.70 -0.69 0.01	28.44 -0.40 0.00	25.64 -1.10 0.03
HOWARD_WT_PWR 323690	27.98 1.08 0.00	26.07 0.78 0.00	24.26 0.71 0.00	22.85 0.51 0.00	22.63 0.36 0.00	22.70 0.44 0.00	23.53 0.35 0.00	23.70 0.23 0.00	24.31 0.07 0.00	25.51 0.08 0.00	25.41 -0.13 0.00	26.07 -0.67 0.06	26.64 -0.32 0.02	27.02 -0.08 0.02	27.02 -0.11 0.00	29.28 -0.54 0.00	32.08 -0.82 0.05	35.20 -1.10 4.58	37.63 -0.57 0.04	35.65 -0.29 0.54	35.35 -0.47 0.16	31.17 -0.22 0.01	28.55 -0.29 0.00	25.76 -0.99 0.02



HQ_GEN_CEDARS 23644	26.72 -0.19 0.00	25.36 0.08 0.00	23.62 0.07 0.00	22.38 0.04 0.00	22.32 0.04 0.00	22.23 -0.02 0.00	23.19 0.00 0.00	23.42 -0.05 0.00	24.17 -0.07 0.00	25.46 0.03 0.00	25.54 0.00 0.00	26.61 -0.19 0.00	26.56 -0.43 0.00	26.53 -0.60 0.00	26.45 -0.68 0.00	28.92 -0.89 0.00	32.03 -0.92 0.00	39.98 -0.90 0.00	37.44 -0.80 0.00	35.83 -0.66 0.00	35.47 -0.50 0.00	30.93 -0.47 0.00	28.47 -0.37 0.00	26.69 -0.08 0.00
HQ_GEN_CEDARS_PROXY 323590	26.69 -0.22 0.00	25.36 0.08 0.00	23.62 0.07 0.00	22.38 0.04 0.00	22.32 0.04 0.00	22.23 -0.02 0.00	23.19 0.00 0.00	23.42 -0.05 0.00	24.17 -0.07 0.00	25.46 0.03 0.00	25.54 0.00 0.00	26.61 -0.19 0.00	26.56 -0.43 0.00	26.50 -0.62 0.00	26.45 -0.68 0.00	28.92 -0.89 0.00	32.59 -0.92 -0.57	39.41 -0.90 0.57	37.44 -0.80 0.00	35.79 -0.69 0.00	35.47 -0.50 0.00	30.93 -0.47 0.00	28.46 -0.38 0.00	26.69 -0.08 0.00
HQ_GEN_IMPORT 323601	26.61 -0.30 0.00	25.23 -0.05 0.00	23.51 -0.05 0.00	22.27 -0.07 0.00	22.21 -0.07 0.00	22.17 -0.09 0.00	23.09 -0.09 0.00	23.35 -0.12 0.00	24.12 -0.12 0.00	25.33 -0.10 0.00	25.44 -0.10 0.00	26.61 -0.19 0.00	26.61 -0.38 0.00	26.61 -0.52 0.00	26.61 -0.52 0.00	29.18 -0.63 0.00	32.82 -0.69 -0.57	39.57 -0.73 0.57	37.59 -0.65 0.00	35.86 -0.62 0.00	35.44 -0.54 0.00	30.93 -0.47 0.00	28.44 -0.40 0.00	26.61 -0.16 0.00
HQ_GEN_WHEEL 23651	26.61 -0.30 0.00	25.23 -0.05 0.00	23.51 -0.05 0.00	22.27 -0.07 0.00	22.21 -0.07 0.00	22.17 -0.09 0.00	23.09 -0.09 0.00	23.35 -0.12 0.00	24.12 -0.12 0.00	25.33 -0.10 0.00	25.44 -0.10 0.00	26.61 -0.19 0.00	26.61 -0.38 0.00	26.61 -0.52 0.00	26.61 -0.52 0.00	29.18 -0.63 0.00	32.82 -0.69 -0.57	39.57 -0.73 0.57	37.59 -0.65 0.00	35.86 -0.62 0.00	35.44 -0.54 0.00	30.93 -0.47 0.00	28.44 -0.40 0.00	26.61 -0.16 0.00
HUDSON AVE_GT_3 23810	28.65 1.75 0.00	26.52 1.24 0.00	24.71 1.15 0.00	23.48 1.14 0.00	23.43 1.16 0.00	23.41 1.16 0.00	24.44 1.25 0.00	24.88 1.41 0.00	25.77 1.53 0.00	27.19 1.75 0.00	27.48 1.94 0.00	28.99 2.20 0.00	29.47 2.48 0.00	29.84 2.71 0.00	29.95 2.82 0.00	33.07 3.19 -0.07	36.31 3.36 0.00	44.84 3.96 0.00	43.10 3.37 -1.50	40.83 3.14 -1.20	39.03 2.95 -0.10	33.88 2.48 0.00	31.03 2.19 0.00	28.59 1.82 0.00
HUDSON AVE_GT_4 23540	28.65 1.75 0.00	26.52 1.24 0.00	24.71 1.15 0.00	23.48 1.14 0.00	23.43 1.16 0.00	23.41 1.16 0.00	24.44 1.25 0.00	24.88 1.41 0.00	25.77 1.53 0.00	27.19 1.75 0.00	27.48 1.94 0.00	28.99 2.20 0.00	29.47 2.48 0.00	29.84 2.71 0.00	29.95 2.82 0.00	33.07 3.19 -0.07	36.31 3.36 0.00	44.84 3.96 0.00	43.10 3.37 -1.50	40.83 3.14 -1.20	39.03 2.95 -0.10	33.88 2.48 0.00	31.03 2.19 0.00	28.59 1.82 0.00
HUDSON AVE_GT_5 23657	28.65 1.75 0.00	26.52 1.24 0.00	24.71 1.15 0.00	23.48 1.14 0.00	23.43 1.16 0.00	23.41 1.16 0.00	24.44 1.25 0.00	24.88 1.41 0.00	25.77 1.53 0.00	27.19 1.75 0.00	27.48 1.94 0.00	28.99 2.20 0.00	29.47 2.48 0.00	29.84 2.71 0.00	29.95 2.82 0.00	33.07 3.19 -0.07	36.31 3.36 0.00	44.84 3.96 0.00	43.10 3.37 -1.50	40.83 3.14 -1.20	39.03 2.95 -0.10	33.88 2.48 0.00	31.03 2.19 0.00	28.59 1.82 0.00
HUDSON_AVE_10 24168	28.60 1.70 0.00	26.47 1.19 0.00	24.66 1.11 0.00	23.43 1.09 0.00	23.39 1.11 0.00	23.39 1.14 0.00	24.42 1.23 0.00	24.85 1.38 0.00	25.74 1.50 0.00	27.14 1.70 0.00	27.45 1.92 0.00	28.94 2.14 0.00	29.42 2.43 0.00	29.78 2.66 0.00	29.89 2.77 0.00	33.01 3.13 -0.07	36.24 3.29 0.00	44.76 3.88 0.00	43.07 3.33 -1.50	40.75 3.06 -1.20	38.96 2.88 -0.10	33.81 2.42 0.00	30.97 2.13 0.00	28.54 1.77 0.00
HUDSON___115KV_TB 4 355613	27.74 0.83 0.00	26.02 0.73 0.00	24.21 0.66 0.00	23.03 0.69 0.00	22.99 0.71 0.00	22.99 0.73 0.00	23.95 0.77 0.00	24.13 0.66 0.00	25.04 0.80 0.00	26.20 0.76 0.00	26.38 0.84 0.00	27.63 0.83 0.00	27.99 1.00 0.00	28.18 1.06 0.00	28.27 1.14 0.00	31.21 1.31 -0.09	34.50 1.55 0.00	42.96 2.08 0.00	43.77 1.91 -3.62	41.21 1.82 -2.91	38.21 1.73 -0.51	32.87 1.48 0.00	30.11 1.27 0.00	27.79 1.02 0.00
HUNTER MOUNT___DRP 323613	27.85 0.94 0.00	26.17 0.88 0.00	24.33 0.78 0.00	23.14 0.80 0.00	23.10 0.82 0.00	23.08 0.82 0.00	24.00 0.81 0.00	24.15 0.68 0.00	25.06 0.82 0.00	26.22 0.79 0.00	26.38 0.84 0.00	27.57 0.78 0.00	27.93 0.94 0.00	28.10 0.98 0.00	28.18 1.06 0.00	31.15 1.25 -0.09	34.50 1.55 0.00	43.12 2.25 0.00	43.47 2.03 -3.20	40.99 1.93 -2.57	38.24 1.83 -0.43	33.00 1.60 0.00	30.22 1.38 0.00	27.92 1.15 0.00
HUNTINGTON_RES_REC 323705	33.82 2.02 -4.89	30.57 1.54 -3.75	28.48 1.46 -3.46	26.10 1.41 -2.35	26.84 1.43 -3.14	25.51 1.47 -1.78	25.45 1.58 -0.68	25.29 1.67 -0.16	29.52 1.82 -3.46	33.74 2.09 -6.22	34.92 2.17 -7.22	37.04 2.38 -7.86	38.26 2.70 -8.57	39.86 2.98 -9.75	40.80 3.06 -10.61	40.95 3.49 -7.65	40.59 3.79 -3.86	74.21 4.50 -28.84	43.37 3.63 -1.50	40.93 3.25 -1.20	39.17 3.09 -0.10	35.10 2.76 -0.94	32.22 2.48 -0.90	31.81 2.09 -2.95
HUNTLEY___63 23557	26.15 -0.75 0.00	24.22 -1.06 0.00	22.49 -1.06 0.00	21.25 -1.09 0.00	21.03 -1.25 0.00	21.10 -1.16 0.00	21.77 -1.41 0.00	22.01 -1.46 0.00	22.35 -1.89 0.00	23.42 -2.01 0.00	23.54 -1.99 0.00	24.88 -1.82 0.09	25.36 -1.59 0.03	25.57 -1.52 0.03	25.77 -1.36 0.00	28.10 -1.70 0.01	30.89 -1.98 0.08	34.91 -3.07 2.90	35.41 -2.45 0.38	32.95 -2.41 1.13	33.62 -2.05 0.30	29.94 -1.44 0.01	27.72 -1.12 0.00	25.48 -1.26 0.03
HUNTLEY___64 23558	26.15 -0.75 0.00	24.22 -1.06 0.00	22.49 -1.06 0.00	21.25 -1.09 0.00	21.03 -1.25 0.00	21.10 -1.16 0.00	21.77 -1.41 0.00	22.01 -1.46 0.00	22.35 -1.89 0.00	23.42 -2.01 0.00	23.54 -1.99 0.00	24.88 -1.82 0.09	25.36 -1.59 0.03	25.57 -1.52 0.03	25.77 -1.36 0.00	28.10 -1.70 0.01	30.89 -1.98 0.08	34.91 -3.07 2.90	35.41 -2.45 0.38	32.95 -2.41 1.13	33.62 -2.05 0.30	29.94 -1.44 0.01	27.72 -1.12 0.00	25.48 -1.26 0.03
HUNTLEY___65 23559	26.15 -0.75 0.00	24.22 -1.06 0.00	22.49 -1.06 0.00	21.25 -1.09 0.00	21.03 -1.25 0.00	21.10 -1.16 0.00	21.77 -1.41 0.00	22.01 -1.46 0.00	22.35 -1.89 0.00	23.42 -2.01 0.00	23.54 -1.99 0.00	24.88 -1.82 0.09	25.36 -1.59 0.03	25.57 -1.52 0.03	25.77 -1.36 0.00	28.10 -1.70 0.01	30.89 -1.98 0.08	34.91 -3.07 2.90	35.41 -2.45 0.38	32.95 -2.41 1.13	33.62 -2.05 0.30	29.94 -1.44 0.01	27.72 -1.12 0.00	25.48 -1.26 0.03
HUNTLEY___66 23560	26.15 -0.75 0.00	24.22 -1.06 0.00	22.49 -1.06 0.00	21.25 -1.09 0.00	21.03 -1.25 0.00	21.10 -1.16 0.00	21.77 -1.41 0.00	22.01 -1.46 0.00	22.35 -1.89 0.00	23.42 -2.01 0.00	23.54 -1.99 0.00	24.88 -1.82 0.09	25.36 -1.59 0.03	25.57 -1.52 0.03	25.77 -1.36 0.00	28.10 -1.70 0.01	30.89 -1.98 0.08	34.91 -3.07 2.90	35.41 -2.45 0.38	32.95 -2.41 1.13	33.62 -2.05 0.30	29.94 -1.44 0.01	27.72 -1.12 0.00	25.48 -1.26 0.03



HUNTLEY___67 23561	26.02 -0.89 0.00	24.09 -1.19 0.00	22.40 -1.15 0.00	21.13 -1.21 0.00	20.94 -1.34 0.00	21.01 -1.25 0.00	21.68 -1.51 0.00	21.92 -1.55 0.00	22.28 -1.96 0.00	23.32 -2.11 0.00	23.42 -2.12 0.00	24.72 -1.98 0.09	25.17 -1.78 0.03	25.38 -1.71 0.03	25.61 -1.52 0.00	27.92 -1.88 0.01	30.66 -2.21 0.08	34.65 -3.31 2.91	35.19 -2.68 0.37	32.75 -2.63 1.11	33.37 -2.30 0.30	29.79 -1.60 0.01	27.57 -1.27 0.00	25.32 -1.42 0.03
HUNTLEY___68 23562	26.02 -0.89 0.00	24.09 -1.19 0.00	22.40 -1.15 0.00	21.13 -1.21 0.00	20.94 -1.34 0.00	21.01 -1.25 0.00	21.68 -1.51 0.00	21.92 -1.55 0.00	22.28 -1.96 0.00	23.32 -2.11 0.00	23.42 -2.12 0.00	24.72 -1.98 0.09	25.17 -1.78 0.03	25.38 -1.71 0.03	25.61 -1.52 0.00	27.92 -1.88 0.01	30.66 -2.21 0.08	34.65 -3.31 2.91	35.19 -2.68 0.37	32.75 -2.63 1.11	33.37 -2.30 0.30	29.79 -1.60 0.01	27.57 -1.27 0.00	25.32 -1.42 0.03
HYLAND___LFGE 323620	27.52 0.62 0.00	25.59 0.30 0.00	23.69 0.14 0.00	22.36 0.02 0.00	22.21 -0.07 0.00	22.21 -0.04 0.00	23.07 -0.12 0.00	23.42 -0.05 0.00	23.85 -0.39 0.00	24.82 -0.61 0.00	24.67 -0.87 0.00	25.94 -0.78 0.08	26.31 -0.65 0.03	26.50 -0.60 0.03	26.64 -0.49 0.00	29.27 -0.54 0.01	32.71 -0.16 0.07	37.77 -0.08 3.02	38.38 0.42 0.28	35.97 0.44 0.95	36.47 0.76 0.27	32.05 0.66 0.01	29.59 0.75 0.00	26.93 0.19 0.03
INDECK___CORINTH 23802	28.84 1.94 0.00	27.03 1.74 0.00	25.11 1.55 0.00	23.81 1.47 0.00	23.77 1.49 0.00	23.81 1.56 0.00	24.86 1.67 0.00	24.99 1.52 0.00	26.11 1.87 0.00	27.44 2.01 0.00	27.30 1.76 0.00	28.70 1.90 0.00	28.82 1.84 0.00	29.05 1.93 0.00	29.08 1.95 0.00	32.08 2.17 -0.10	35.45 2.50 0.00	44.10 3.23 0.00	48.51 3.59 -6.67	45.27 3.43 -5.36	40.77 3.63 -1.16	34.51 3.11 0.00	31.52 2.68 0.00	28.91 2.14 0.00
INDECK___ILION 23567	26.88 -0.03 0.00	25.21 -0.08 0.00	23.48 -0.07 0.00	22.27 -0.07 0.00	22.21 -0.07 0.00	22.21 -0.04 0.00	23.14 -0.05 0.00	23.42 -0.05 0.00	24.19 -0.05 0.00	25.38 -0.05 0.00	25.49 -0.05 0.00	26.74 -0.05 0.00	26.99 0.00 0.00	27.13 0.00 0.00	27.07 -0.05 0.00	29.75 -0.06 0.00	32.82 -0.13 0.00	40.75 -0.12 0.00	38.13 -0.11 0.00	36.37 -0.11 0.00	35.87 -0.11 0.00	31.33 -0.06 0.00	28.75 -0.09 0.00	26.64 -0.13 0.00
INDECK___OLEAN 23982	27.10 0.19 0.00	25.00 -0.28 0.00	23.29 -0.26 0.00	21.96 -0.38 0.00	21.76 -0.51 0.00	21.88 -0.38 0.00	22.56 -0.62 0.00	22.81 -0.66 0.00	23.29 -0.95 0.00	24.41 -1.02 0.00	24.39 -1.15 0.00	24.74 -1.98 0.08	25.77 -1.19 0.03	26.29 -0.81 0.03	26.47 -0.65 0.00	28.44 -1.37 0.00	30.68 -2.21 0.07	34.62 -3.19 3.07	35.34 -2.68 0.22	33.17 -2.44 0.87	33.39 -2.34 0.25	30.70 -0.69 0.01	28.44 -0.40 0.00	25.64 -1.10 0.03
INDECK___OSWEGO 23783	26.42 -0.48 0.00	24.73 -0.56 0.00	23.01 -0.54 0.00	21.83 -0.51 0.00	21.74 -0.53 0.00	21.74 -0.51 0.00	22.63 -0.56 0.00	22.91 -0.56 0.00	23.59 -0.65 0.00	24.64 -0.79 0.00	24.72 -0.82 0.00	26.13 -0.80 -0.13	26.31 -0.73 -0.05	26.47 -0.71 -0.05	26.40 -0.73 0.00	29.07 -0.78 -0.03	32.27 -0.79 -0.11	42.66 -0.98 -2.77	38.24 -0.88 -0.88	37.53 -0.84 -1.88	35.58 -0.83 -0.43	30.69 -0.72 -0.01	28.21 -0.63 0.00	26.10 -0.72 -0.05
INDECK___YERKES 23781	26.26 -0.65 0.00	24.24 -1.04 0.00	22.52 -1.04 0.00	21.27 -1.07 0.00	21.05 -1.23 0.00	21.12 -1.13 0.00	21.77 -1.42 0.00	22.09 -1.38 0.00	22.52 -1.72 0.00	23.60 -1.83 0.00	23.57 -1.97 0.00	24.91 -1.80 0.09	25.39 -1.57 0.03	25.63 -1.47 0.03	25.80 -1.33 0.00	28.13 -1.67 0.01	30.89 -1.98 0.08	35.00 -2.98 2.90	35.45 -2.41 0.38	33.02 -2.34 1.13	33.70 -1.98 0.30	29.98 -1.41 0.01	27.74 -1.10 0.00	25.51 -1.23 0.03
INDIAN POINT_GT_1 24139	28.36 1.45 0.00	26.32 1.04 0.00	24.54 0.99 0.00	23.30 0.96 0.00	23.28 1.00 0.00	23.28 1.02 0.00	24.25 1.07 0.00	24.64 1.17 0.00	25.53 1.28 0.00	26.91 1.48 0.00	27.20 1.66 0.00	28.65 1.85 0.00	29.12 2.13 0.00	29.46 2.33 0.00	29.54 2.41 0.00	32.65 2.77 -0.07	35.85 2.90 0.00	44.31 3.43 0.00	42.63 2.91 -1.48	40.37 2.70 -1.19	38.60 2.52 -0.10	33.53 2.13 0.00	30.74 1.90 0.00	28.32 1.55 0.00
INDIAN POINT_GT_2 23659	28.36 1.45 0.00	26.32 1.04 0.00	24.54 0.99 0.00	23.30 0.96 0.00	23.28 1.00 0.00	23.28 1.02 0.00	24.25 1.07 0.00	24.64 1.17 0.00	25.53 1.28 0.00	26.91 1.48 0.00	27.20 1.66 0.00	28.65 1.85 0.00	29.12 2.13 0.00	29.46 2.33 0.00	29.54 2.41 0.00	32.65 2.77 -0.07	35.85 2.90 0.00	44.31 3.43 0.00	42.63 2.91 -1.48	40.37 2.70 -1.19	38.60 2.52 -0.10	33.53 2.13 0.00	30.74 1.90 0.00	28.32 1.55 0.00
INDIAN POINT_GT_3 24019	28.36 1.45 0.00	26.32 1.04 0.00	24.54 0.99 0.00	23.30 0.96 0.00	23.28 1.00 0.00	23.28 1.02 0.00	24.25 1.07 0.00	24.64 1.17 0.00	25.53 1.28 0.00	26.91 1.48 0.00	27.20 1.66 0.00	28.65 1.85 0.00	29.12 2.13 0.00	29.46 2.33 0.00	29.54 2.41 0.00	32.65 2.77 -0.07	35.85 2.90 0.00	44.31 3.43 0.00	42.63 2.91 -1.48	40.37 2.70 -1.19	38.60 2.52 -0.10	33.53 2.13 0.00	30.74 1.90 0.00	28.32 1.55 0.00
INDIAN POINT___2 23530	28.36 1.45 0.00	26.29 1.01 0.00	24.52 0.97 0.00	23.28 0.94 0.00	23.23 0.96 0.00	23.26 1.00 0.00	24.23 1.04 0.00	24.62 1.15 0.00	25.52 1.28 0.00	26.96 1.53 0.00	27.17 1.64 0.00	28.62 1.82 0.00	29.09 2.11 0.00	29.43 2.30 0.00	29.49 2.36 0.00	32.59 2.71 -0.07	35.78 2.83 0.00	44.18 3.31 0.00	42.52 2.83 -1.45	40.28 2.63 -1.17	38.52 2.45 -0.10	33.50 2.10 0.00	30.71 1.87 0.00	28.29 1.53 0.00
INDIAN POINT___3 23531	28.33 1.43 0.00	26.29 1.01 0.00	24.52 0.97 0.00	23.30 0.96 0.00	23.26 0.98 0.00	23.26 1.00 0.00	24.25 1.07 0.00	24.62 1.15 0.00	25.50 1.26 0.00	26.86 1.42 0.00	27.17 1.63 0.00	28.59 1.80 0.00	29.07 2.08 0.00	29.40 2.28 0.00	29.49 2.36 0.00	32.56 2.68 -0.07	35.78 2.83 0.00	44.23 3.35 0.00	42.55 2.83 -1.48	40.30 2.63 -1.19	38.53 2.45 -0.10	33.50 2.10 0.00	30.71 1.87 0.00	28.30 1.53 0.00
INGHAM_C_115KV_TB7 356103	26.47 -0.43 0.00	24.85 -0.43 0.00	23.15 -0.40 0.00	21.94 -0.40 0.00	21.90 -0.38 0.00	21.88 -0.38 0.00	22.82 -0.37 0.00	23.09 -0.38 0.00	23.85 -0.39 0.00	25.00 -0.43 0.00	25.08 -0.46 0.00	26.31 -0.48 0.00	26.53 -0.46 0.00	26.61 -0.52 0.00	26.50 -0.62 0.00	29.06 -0.75 0.00	31.99 -0.96 0.00	39.73 -1.14 0.00	37.21 -1.03 0.00	35.54 -0.95 0.00	35.04 -0.94 0.00	30.67 -0.72 0.00	28.12 -0.72 0.00	26.07 -0.70 0.00
IP CORINTH___1 23988	28.82 1.91 0.00	27.03 1.74 0.00	25.11 1.55 0.00	23.81 1.47 0.00	23.77 1.49 0.00	23.81 1.56 0.00	24.86 1.67 0.00	25.00 1.53 0.00	26.11 1.87 0.00	27.39 1.96 0.00	27.30 1.76 0.00	28.70 1.90 0.00	28.82 1.84 0.00	29.03 1.90 0.00	29.08 1.95 0.00	32.08 2.18 -0.10	35.45 2.50 0.00	44.10 3.23 0.00	48.51 3.59 -6.67	45.27 3.43 -5.36	40.77 3.63 -1.16	34.50 3.11 0.00	31.52 2.68 0.00	28.91 2.14 0.00



IP___TICONDEROGA 23804	29.89 2.99 0.00	28.06 2.78 0.00	26.00 2.45 0.00	24.66 2.32 0.00	24.59 2.32 0.00	24.66 2.40 0.00	25.81 2.62 0.00	25.79 2.32 0.00	27.10 2.86 0.00	28.48 3.05 0.00	28.42 2.89 0.00	29.88 3.08 0.00	30.01 3.02 0.00	30.22 3.09 0.00	30.25 3.12 0.00	33.30 3.40 -0.10	36.90 3.95 0.00	46.07 5.19 0.00	50.37 5.51 -6.62	47.09 5.29 -5.32	42.56 5.43 -1.15	36.04 4.65 0.00	32.88 4.04 0.00	29.98 3.21 0.00
ISLIP_RES_REC 323679	34.14 2.34 -4.89	30.85 1.82 -3.75	28.76 1.74 -3.46	26.34 1.65 -2.35	27.08 1.67 -3.14	25.75 1.71 -1.78	25.72 1.86 -0.68	25.55 1.92 -0.16	29.76 2.06 -3.46	34.02 2.37 -6.22	35.38 2.63 -7.22	37.54 2.87 -7.87	38.78 3.21 -8.58	40.36 3.47 -9.76	41.33 3.58 -10.62	41.55 4.08 -7.66	43.89 4.48 -6.46	64.03 5.31 -17.85	44.13 4.40 -1.50	41.63 3.94 -1.20	39.79 3.71 -0.10	35.72 3.39 -0.94	32.60 2.86 -0.90	32.16 2.44 -2.95
JAMAICA__27_KV_LOAD 355505	28.82 1.91 0.00	26.62 1.34 0.00	24.80 1.25 0.00	23.55 1.21 0.00	23.50 1.23 0.00	23.52 1.27 0.00	24.58 1.39 0.00	25.04 1.57 0.00	25.94 1.70 0.00	27.37 1.93 0.00	27.68 2.15 0.00	29.21 2.41 0.00	29.63 2.64 0.00	30.00 2.88 0.00	30.11 2.98 0.00	33.28 3.40 -0.07	36.54 3.59 0.00	45.17 4.29 0.00	43.41 3.67 -1.50	41.12 3.43 -1.20	39.32 3.24 -0.10	34.06 2.67 0.00	31.20 2.36 0.00	28.75 1.98 0.00
JANIS___SOLAR 323808	28.20 1.29 0.00	26.34 1.06 0.00	24.52 0.97 0.00	23.17 0.83 0.00	23.03 0.76 0.00	23.06 0.80 0.00	24.09 0.90 0.00	24.36 0.89 0.00	24.97 0.73 0.00	26.09 0.66 0.00	26.00 0.46 0.00	27.25 0.48 0.03	27.68 0.70 0.01	27.85 0.73 0.01	27.70 0.57 0.00	30.54 0.71 -0.01	33.91 0.99 0.02	45.27 1.59 -2.80	40.46 1.84 -0.39	38.39 1.82 -0.08	37.71 1.76 0.03	32.96 1.57 0.00	30.25 1.41 0.00	27.70 0.94 0.01
JARVIS____ 23743	27.04 0.14 0.00	25.36 0.08 0.00	23.62 0.07 0.00	22.41 0.07 0.00	22.34 0.07 0.00	22.32 0.07 0.00	23.26 0.07 0.00	23.56 0.09 0.00	24.34 0.10 0.00	25.53 0.10 0.00	25.64 0.10 0.00	26.90 0.11 0.00	27.18 0.19 0.00	27.34 0.22 0.00	27.32 0.19 0.00	30.05 0.24 0.00	33.21 0.26 0.00	41.16 0.29 0.00	38.51 0.27 0.00	36.74 0.26 0.00	36.23 0.25 0.00	31.62 0.22 0.00	29.01 0.17 0.00	26.88 0.11 0.00
JENNISON___1 23625	28.44 1.53 0.00	26.57 1.29 0.00	24.73 1.18 0.00	23.37 1.03 0.00	23.23 0.96 0.00	23.28 1.02 0.00	24.30 1.11 0.00	24.57 1.10 0.00	25.23 0.99 0.00	26.45 1.02 0.00	26.48 0.94 0.00	27.79 1.02 0.02	28.30 1.32 0.01	28.45 1.33 0.01	28.27 1.14 0.00	31.14 1.31 -0.02	34.44 1.52 0.02	43.34 2.13 -0.34	41.20 2.29 -0.66	39.01 2.19 -0.33	38.15 2.16 -0.01	33.34 1.95 0.00	30.54 1.70 0.00	27.99 1.23 0.01
JENNISON___2 23626	28.44 1.53 0.00	26.57 1.29 0.00	24.73 1.18 0.00	23.37 1.03 0.00	23.23 0.96 0.00	23.28 1.02 0.00	24.30 1.11 0.00	24.57 1.10 0.00	25.23 0.99 0.00	26.45 1.02 0.00	26.48 0.94 0.00	27.79 1.02 0.02	28.30 1.32 0.01	28.45 1.33 0.01	28.27 1.14 0.00	31.14 1.31 -0.02	34.44 1.52 0.02	43.34 2.13 -0.34	41.20 2.29 -0.66	39.01 2.19 -0.33	38.15 2.16 -0.01	33.34 1.95 0.00	30.54 1.70 0.00	27.99 1.23 0.01
JERICHO_RISE_WT_PWR 323719	26.61 -0.30 0.00	25.26 -0.03 0.00	23.51 -0.05 0.00	22.25 -0.09 0.00	22.19 -0.09 0.00	22.08 -0.18 0.00	23.00 -0.19 0.00	23.24 -0.23 0.00	24.00 -0.24 0.00	25.31 -0.13 0.00	25.36 -0.18 0.00	26.29 -0.51 0.00	26.12 -0.86 0.00	25.96 -1.17 0.00	25.82 -1.30 0.00	28.14 -1.67 0.00	31.20 -1.75 0.00	39.20 -1.68 0.00	36.86 -1.38 0.00	35.32 -1.17 0.00	35.08 -0.90 0.00	30.68 -0.72 0.00	28.29 -0.55 0.00	26.58 -0.19 0.00
KATONAH___115KV_46KV_TB4 355592	28.52 1.61 0.00	26.47 1.19 0.00	24.71 1.15 0.00	23.46 1.12 0.00	23.43 1.16 0.00	23.41 1.16 0.00	24.42 1.23 0.00	24.81 1.34 0.00	25.72 1.48 0.00	27.14 1.70 0.00	27.45 1.92 0.00	28.91 2.12 0.00	29.39 2.40 0.00	29.76 2.63 0.00	29.87 2.74 0.00	33.01 3.13 -0.07	36.28 3.33 0.00	44.88 4.01 0.00	43.17 3.40 -1.53	40.88 3.17 -1.23	39.00 2.91 -0.11	33.85 2.45 0.00	30.95 2.11 0.00	28.51 1.74 0.00
KCE_NY_1 323755	28.55 1.64 0.00	26.75 1.47 0.00	24.87 1.32 0.00	23.61 1.27 0.00	23.59 1.31 0.00	23.59 1.34 0.00	24.62 1.44 0.00	24.81 1.34 0.00	25.84 1.60 0.00	27.14 1.70 0.00	27.17 1.64 0.00	28.56 1.77 0.00	28.80 1.81 0.00	29.08 1.95 0.00	29.11 1.98 0.00	32.08 2.17 -0.10	35.42 2.47 0.00	43.98 3.10 0.00	47.86 3.17 -6.45	44.69 3.03 -5.18	40.14 3.06 -1.11	34.00 2.60 0.00	31.15 2.31 0.00	28.62 1.85 0.00
KCE_NY_6_ESR 323823	26.55 -0.35 0.00	24.50 -0.78 0.00	22.78 -0.78 0.00	21.49 -0.85 0.00	21.30 -0.98 0.00	21.36 -0.89 0.00	22.03 -1.16 0.00	22.32 -1.15 0.00	22.79 -1.45 0.00	23.86 -1.58 0.00	23.80 -1.74 0.00	24.91 -1.80 0.09	25.53 -1.43 0.03	25.82 -1.27 0.03	26.01 -1.11 0.00	28.25 -1.55 0.01	30.90 -1.98 0.07	35.06 -2.90 2.92	35.54 -2.37 0.33	33.21 -2.23 1.05	33.75 -1.94 0.29	30.26 -1.13 0.01	28.00 -0.84 0.00	25.62 -1.12 0.03
KEDC_PORT_JEFF_GT2 24210	33.92 2.13 -4.89	30.67 1.64 -3.75	28.59 1.58 -3.46	26.21 1.52 -2.35	26.95 1.54 -3.14	25.62 1.58 -1.78	25.56 1.69 -0.68	25.41 1.78 -0.16	29.61 1.91 -3.46	33.84 2.19 -6.22	35.15 2.40 -7.22	37.26 2.60 -7.87	38.51 2.94 -8.58	40.08 3.20 -9.75	41.05 3.31 -10.62	41.25 3.79 -7.66	42.91 4.08 -5.87	64.59 4.86 -18.86	43.75 4.01 -1.50	41.27 3.58 -1.20	39.46 3.38 -0.10	35.41 3.08 -0.94	32.37 2.62 -0.90	31.94 2.22 -2.95
KEDC_PORT_JEFF_GT3 24211	33.92 2.13 -4.89	30.67 1.64 -3.75	28.59 1.58 -3.46	26.21 1.52 -2.35	26.95 1.54 -3.14	25.62 1.58 -1.78	25.56 1.69 -0.68	25.41 1.78 -0.16	29.61 1.91 -3.46	33.84 2.19 -6.22	35.15 2.40 -7.22	37.26 2.60 -7.87	38.51 2.94 -8.58	40.08 3.20 -9.75	41.05 3.31 -10.62	41.25 3.79 -7.66	42.91 4.08 -5.87	64.59 4.86 -18.86	43.75 4.01 -1.50	41.27 3.58 -1.20	39.46 3.38 -0.10	35.41 3.08 -0.94	32.37 2.62 -0.90	31.94 2.22 -2.95
KEDC_GLWD_GT4 24219	33.98 2.18 -4.90	30.70 1.67 -3.75	28.57 1.55 -3.46	26.21 1.52 -2.35	26.95 1.54 -3.14	25.60 1.56 -1.78	25.51 1.65 -0.68	25.39 1.76 -0.16	29.64 1.94 -3.46	33.89 2.24 -6.22	35.18 2.43 -7.22	37.34 2.68 -7.86	38.56 3.00 -8.57	40.10 3.23 -9.75	41.02 3.28 -10.61	41.13 3.67 -7.65	40.39 3.66 -3.79	45.17 4.29 0.00	43.30 3.56 -1.50	40.93 3.25 -1.20	39.50 3.42 -0.10	35.41 3.08 -0.94	32.45 2.71 -0.90	31.97 2.25 -2.95
KEDC_GLWD_GT5 24220	33.98 2.18 -4.90	30.70 1.67 -3.75	28.57 1.55 -3.46	26.21 1.52 -2.35	26.95 1.54 -3.14	25.60 1.56 -1.78	25.51 1.65 -0.68	25.39 1.76 -0.16	29.64 1.94 -3.46	33.89 2.24 -6.22	35.18 2.43 -7.22	37.34 2.68 -7.86	38.56 3.00 -8.57	40.10 3.23 -9.75	41.02 3.28 -10.61	41.13 3.67 -7.65	40.39 3.66 -3.79	45.17 4.29 0.00	43.30 3.56 -1.50	40.93 3.25 -1.20	39.50 3.42 -0.10	35.41 3.08 -0.94	32.45 2.71 -0.90	31.97 2.25 -2.95



KENSICO____ 23655	28.44 1.53 0.00	26.39 1.11 0.00	24.59 1.04 0.00	23.37 1.03 0.00	23.32 1.05 0.00	23.32 1.07 0.00	24.32 1.14 0.00	24.71 1.24 0.00	25.60 1.36 0.00	26.98 1.55 0.00	27.27 1.74 0.00	28.73 1.93 0.00	29.20 2.21 0.00	29.54 2.41 0.00	29.65 2.52 0.00	32.74 2.86 -0.07	35.98 3.03 0.00	44.43 3.56 0.00	42.76 3.02 -1.50	40.50 2.81 -1.20	38.71 2.63 -0.10	33.63 2.23 0.00	30.83 1.99 0.00	28.40 1.63 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	28.57 1.67 0.00	26.57 1.29 0.00	24.75 1.20 0.00	23.48 1.14 0.00	23.43 1.16 0.00	23.41 1.16 0.00	24.35 1.16 0.00	24.69 1.22 0.00	25.55 1.31 0.00	26.96 1.53 0.00	27.25 1.71 0.00	28.62 1.82 0.00	29.12 2.13 0.00	29.43 2.31 0.00	29.51 2.39 0.00	32.62 2.74 -0.07	35.91 2.97 0.00	44.59 3.72 0.00	43.00 3.17 -1.59	40.75 2.99 -1.28	38.84 2.73 -0.13	33.72 2.32 0.00	30.92 2.08 0.00	28.51 1.74 0.00
KIAC_JFK_GT1 23816	28.65 1.75 0.00	26.50 1.21 0.00	24.66 1.11 0.00	23.43 1.09 0.00	23.39 1.11 0.00	23.39 1.14 0.00	24.44 1.25 0.00	24.90 1.43 0.00	25.79 1.55 0.00	27.21 1.78 0.00	27.53 1.99 0.00	29.05 2.25 0.00	29.39 2.40 0.00	29.73 2.60 0.00	29.84 2.71 0.00	32.98 3.10 -0.07	36.21 3.26 0.00	44.76 3.88 0.00	43.03 3.29 -1.50	40.75 3.06 -1.20	38.96 2.88 -0.10	33.75 2.35 0.00	30.92 2.08 0.00	28.59 1.82 0.00
KIAC_JFK_GT2 23817	28.65 1.75 0.00	26.50 1.21 0.00	24.66 1.11 0.00	23.43 1.09 0.00	23.39 1.11 0.00	23.39 1.14 0.00	24.44 1.25 0.00	24.90 1.43 0.00	25.79 1.55 0.00	27.21 1.78 0.00	27.53 1.99 0.00	29.05 2.25 0.00	29.39 2.40 0.00	29.73 2.60 0.00	29.84 2.71 0.00	32.98 3.10 -0.07	36.21 3.26 0.00	44.76 3.88 0.00	43.03 3.29 -1.50	40.75 3.06 -1.20	38.96 2.88 -0.10	33.75 2.35 0.00	30.92 2.08 0.00	28.59 1.82 0.00
KIAC_JFK____ 323774	28.65 1.75 0.00	26.50 1.21 0.00	24.66 1.11 0.00	23.43 1.09 0.00	23.37 1.09 0.00	23.39 1.13 0.00	24.44 1.25 0.00	24.88 1.41 0.00	25.82 1.57 0.00	27.31 1.88 0.00	27.55 2.02 0.00	29.05 2.25 0.00	29.39 2.40 0.00	29.79 2.66 0.00	29.84 2.71 0.00	32.98 3.10 -0.07	36.21 3.26 0.00	44.76 3.89 0.00	43.03 3.29 -1.50	40.75 3.07 -1.20	38.92 2.84 -0.10	33.75 2.36 0.00	30.92 2.08 0.00	28.59 1.82 0.00
KINTIGH____ 23543	25.83 -1.08 0.00	23.99 -1.29 0.00	22.28 -1.27 0.00	21.07 -1.27 0.00	20.89 -1.38 0.00	20.94 -1.31 0.00	21.66 -1.53 0.00	21.92 -1.55 0.00	22.35 -1.89 0.00	23.40 -2.03 0.00	23.49 -2.04 0.00	25.03 -1.66 0.10	25.31 -1.65 0.04	25.44 -1.65 0.04	25.58 -1.55 0.00	28.10 -1.70 0.01	31.05 -1.81 0.09	35.23 -2.74 2.91	35.38 -2.18 0.68	32.84 -2.19 1.46	33.77 -1.87 0.34	29.72 -1.66 0.01	27.48 -1.36 0.00	25.39 -1.34 0.04
KNTFSRNC_46_KV_46KV_LOAD 80397	27.04 0.13 0.00	25.61 0.33 0.00	23.84 0.28 0.00	22.54 0.20 0.00	22.48 0.20 0.00	22.37 0.11 0.00	23.35 0.16 0.00	23.54 0.07 0.00	24.31 0.07 0.00	25.66 0.23 0.00	25.74 0.20 0.00	26.64 -0.16 0.00	26.45 -0.54 0.00	26.31 -0.81 0.00	26.12 -1.00 0.00	28.38 -1.43 0.00	31.53 -1.42 0.00	39.69 -1.19 0.00	37.32 -0.92 0.00	35.83 -0.66 0.00	35.62 -0.36 0.00	31.11 -0.28 0.00	28.70 -0.14 0.00	26.93 0.16 0.00
LACHUTE__HYDRO 323717	29.92 3.01 0.00	28.06 2.78 0.00	26.00 2.45 0.00	24.66 2.32 0.00	24.59 2.32 0.00	24.66 2.40 0.00	25.81 2.62 0.00	25.79 2.32 0.00	27.12 2.88 0.00	28.53 3.10 0.00	28.42 2.88 0.00	29.88 3.08 0.00	29.98 3.00 0.00	30.24 3.12 0.00	30.24 3.12 0.00	33.30 3.40 -0.10	36.90 3.95 0.00	46.07 5.19 0.00	50.37 5.51 -6.62	47.09 5.29 -5.32	42.56 5.43 -1.15	36.04 4.65 0.00	32.88 4.04 0.00	29.98 3.21 0.00
LAWRNCALV_115KV_TB1 80681	26.50 -0.40 0.00	25.16 -0.13 0.00	23.44 -0.12 0.00	22.18 -0.16 0.00	22.12 -0.16 0.00	22.03 -0.22 0.00	23.00 -0.19 0.00	23.24 -0.23 0.00	23.95 -0.29 0.00	25.25 -0.18 0.00	25.31 -0.23 0.00	26.37 -0.43 0.00	26.29 -0.70 0.00	26.23 -0.90 0.00	26.10 -1.03 0.00	28.53 -1.28 0.00	31.66 -1.28 0.00	39.65 -1.23 0.00	37.17 -1.07 0.00	35.57 -0.91 0.00	35.22 -0.76 0.00	30.71 -0.69 0.00	28.26 -0.58 0.00	26.48 -0.29 0.00
LEDERLE____ 23769	28.44 1.53 0.00	26.42 1.14 0.00	24.61 1.06 0.00	23.37 1.03 0.00	23.32 1.05 0.00	23.32 1.07 0.00	24.32 1.14 0.00	24.69 1.22 0.00	25.57 1.33 0.00	26.93 1.50 0.00	27.25 1.71 0.00	28.67 1.88 0.00	29.17 2.19 0.00	29.49 2.36 0.00	29.59 2.47 0.00	32.68 2.80 -0.07	35.91 2.97 0.00	44.39 3.52 0.00	42.65 2.98 -1.43	40.44 2.81 -1.14	38.67 2.59 -0.10	33.63 2.23 0.00	30.83 1.99 0.00	28.40 1.63 0.00
LIGHTHSE_115KV_TB6 355974	26.42 -0.48 0.00	24.75 -0.53 0.00	23.03 -0.52 0.00	21.83 -0.51 0.00	21.74 -0.53 0.00	21.72 -0.53 0.00	22.61 -0.58 0.00	22.86 -0.61 0.00	23.54 -0.70 0.00	24.70 -0.74 0.00	24.72 -0.82 0.00	26.03 -0.80 -0.04	26.25 -0.76 -0.01	26.38 -0.76 -0.01	26.29 -0.84 0.00	28.96 -0.86 -0.01	32.09 -0.89 -0.03	40.62 -1.02 -0.77	37.76 -0.73 -0.24	36.31 -0.69 -0.52	35.45 -0.65 -0.12	30.87 -0.53 0.00	28.35 -0.49 0.00	26.17 -0.62 -0.01
LINDEN COGEN____ 23786	28.49 1.59 0.00	26.34 1.06 0.00	24.54 0.99 0.00	23.32 0.98 0.00	23.28 1.00 0.00	23.28 1.02 0.00	24.30 1.11 0.00	24.74 1.27 0.00	25.67 1.43 0.00	27.14 1.70 0.00	27.35 1.81 0.00	28.83 2.04 0.00	29.33 2.35 0.00	29.70 2.58 0.00	29.79 2.66 0.00	32.89 3.01 -0.07	36.14 3.20 0.00	44.47 3.60 0.00	42.84 3.10 -1.50	40.57 2.88 -1.20	38.74 2.66 -0.10	33.66 2.26 0.00	30.86 2.02 0.00	28.43 1.66 0.00
LINDHRST_69_KV_BK1 356055	34.17 2.37 -4.89	30.90 1.87 -3.75	28.76 1.74 -3.46	26.39 1.70 -2.35	27.13 1.72 -3.14	25.78 1.74 -1.78	25.70 1.83 -0.68	25.58 1.95 -0.16	29.78 2.08 -3.46	33.94 2.29 -6.22	35.31 2.55 -7.22	37.45 2.79 -7.87	38.64 3.08 -8.58	40.19 3.31 -9.76	41.16 3.42 -10.62	41.34 3.88 -7.66	42.29 4.22 -5.13	50.25 4.99 -4.39	43.83 4.09 -1.50	41.52 3.83 -1.20	39.79 3.71 -0.10	35.60 3.27 -0.94	32.63 2.88 -0.90	32.19 2.46 -2.95
LIPA_MISC_IPP 23656	33.74 1.94 -4.89	30.52 1.49 -3.75	28.45 1.44 -3.46	26.05 1.36 -2.35	26.79 1.38 -3.14	25.49 1.45 -1.78	25.44 1.58 -0.68	25.27 1.64 -0.16	29.42 1.72 -3.46	33.58 1.93 -6.22	35.02 2.27 -7.22	37.16 2.49 -7.87	38.37 2.81 -8.58	39.86 2.98 -9.75	40.89 3.15 -10.62	41.07 3.61 -7.66	42.95 3.92 -6.08	62.78 4.66 -17.25	43.52 3.79 -1.50	41.12 3.43 -1.20	39.35 3.27 -0.10	35.22 2.89 -0.94	32.11 2.36 -0.90	31.76 2.03 -2.95
LISF__SOLAR 323691	33.82 2.02 -4.89	30.57 1.54 -3.75	28.48 1.46 -3.46	26.10 1.41 -2.35	26.84 1.43 -3.14	25.51 1.47 -1.78	25.49 1.62 -0.68	25.29 1.67 -0.16	29.49 1.79 -3.46	33.74 2.09 -6.22	35.10 2.35 -7.22	37.24 2.57 -7.87	38.43 2.86 -8.58	40.00 3.12 -9.76	40.97 3.23 -10.62	41.16 3.70 -7.66	43.06 4.02 -6.09	63.10 4.78 -17.44	43.64 3.90 -1.50	41.16 3.47 -1.20	39.32 3.24 -0.10	35.32 2.98 -0.94	32.19 2.45 -0.90	31.81 2.09 -2.95



LITTLE FALLS___HYD 24013	26.47 -0.43 0.00	24.85 -0.43 0.00	23.15 -0.40 0.00	21.94 -0.40 0.00	21.90 -0.38 0.00	21.88 -0.38 0.00	22.82 -0.37 0.00	23.09 -0.38 0.00	23.85 -0.39 0.00	25.00 -0.43 0.00	25.08 -0.46 0.00	26.31 -0.48 0.00	26.53 -0.46 0.00	26.61 -0.52 0.00	26.50 -0.62 0.00	29.06 -0.75 0.00	31.99 -0.96 0.00	39.73 -1.14 0.00	37.21 -1.03 0.00	35.54 -0.95 0.00	35.04 -0.94 0.00	30.67 -0.72 0.00	28.12 -0.72 0.00	26.07 -0.70 0.00
LITTLRIV_115KV_TB1 356100	26.69 -0.22 0.00	25.36 0.08 0.00	23.62 0.07 0.00	22.34 0.00 0.00	22.25 -0.02 0.00	22.19 -0.07 0.00	23.19 0.00 0.00	23.40 -0.07 0.00	24.12 -0.12 0.00	25.43 0.00 0.00	25.49 -0.05 0.00	26.53 -0.27 0.00	26.45 -0.54 0.00	26.37 -0.76 0.00	26.18 -0.95 0.00	28.65 -1.16 0.00	31.83 -1.12 0.00	39.93 -0.94 0.00	37.51 -0.73 0.00	35.90 -0.58 0.00	35.54 -0.43 0.00	30.96 -0.44 0.00	28.47 -0.37 0.00	26.66 -0.11 0.00
LI_NEWBRDGE___DRP 323616	33.63 1.83 -4.89	30.42 1.39 -3.75	28.31 1.30 -3.46	25.96 1.27 -2.35	26.70 1.29 -3.14	25.35 1.31 -1.78	25.28 1.41 -0.68	25.15 1.53 -0.16	29.35 1.65 -3.46	33.48 1.83 -6.22	34.77 2.02 -7.22	36.88 2.22 -7.86	38.07 2.51 -8.57	39.59 2.71 -9.75	40.56 2.82 -10.61	40.65 3.19 -7.65	40.13 3.39 -3.79	44.88 4.01 0.00	42.99 3.25 -1.50	40.75 3.06 -1.20	39.03 2.95 -0.10	34.91 2.57 -0.94	32.05 2.31 -0.90	31.65 1.93 -2.95
LOCKPORT_115KV_TB60_63_64 80432	25.94 -0.97 0.00	24.04 -1.24 0.00	22.33 -1.22 0.00	21.09 -1.25 0.00	20.87 -1.40 0.00	20.94 -1.31 0.00	21.61 -1.58 0.00	21.87 -1.60 0.00	22.20 -2.04 0.00	23.27 -2.16 0.00	23.37 -2.17 0.00	24.77 -1.93 0.10	25.20 -1.75 0.03	25.38 -1.71 0.03	25.58 -1.55 0.00	27.92 -1.88 0.01	30.76 -2.11 0.08	34.81 -3.19 2.88	35.27 -2.56 0.41	32.76 -2.55 1.17	33.47 -2.19 0.31	29.76 -1.63 0.01	27.54 -1.30 0.00	25.32 -1.42 0.03
LOCKPORT___CC1 323769	26.04 -0.86 0.00	24.04 -1.24 0.00	22.33 -1.23 0.00	21.07 -1.27 0.00	20.87 -1.40 0.00	20.94 -1.31 0.00	21.61 -1.58 0.00	21.90 -1.57 0.00	22.35 -1.89 0.00	23.40 -2.04 0.00	23.37 -2.17 0.00	24.75 -1.96 0.10	25.17 -1.78 0.03	25.38 -1.71 0.03	25.58 -1.55 0.00	27.89 -1.91 0.01	30.66 -2.21 0.08	34.81 -3.19 2.88	35.20 -2.64 0.40	32.77 -2.55 1.16	33.47 -2.20 0.31	29.72 -1.66 0.01	27.51 -1.33 0.00	25.32 -1.42 0.03
LOCKPORT___CC2 323770	26.04 -0.86 0.00	24.04 -1.24 0.00	22.33 -1.23 0.00	21.07 -1.27 0.00	20.87 -1.40 0.00	20.94 -1.31 0.00	21.61 -1.58 0.00	21.90 -1.57 0.00	22.35 -1.89 0.00	23.40 -2.04 0.00	23.37 -2.17 0.00	24.75 -1.96 0.10	25.17 -1.78 0.03	25.38 -1.71 0.03	25.58 -1.55 0.00	27.89 -1.91 0.01	30.66 -2.21 0.08	34.81 -3.19 2.88	35.20 -2.64 0.40	32.77 -2.55 1.16	33.47 -2.20 0.31	29.72 -1.66 0.01	27.51 -1.33 0.00	25.32 -1.42 0.03
LOCKPORT___CC3 323771	26.04 -0.86 0.00	24.04 -1.24 0.00	22.33 -1.23 0.00	21.07 -1.27 0.00	20.87 -1.40 0.00	20.94 -1.31 0.00	21.61 -1.58 0.00	21.90 -1.57 0.00	22.35 -1.89 0.00	23.40 -2.04 0.00	23.37 -2.17 0.00	24.75 -1.96 0.10	25.17 -1.78 0.03	25.38 -1.71 0.03	25.58 -1.55 0.00	27.89 -1.91 0.01	30.66 -2.21 0.08	34.81 -3.19 2.88	35.20 -2.64 0.40	32.77 -2.55 1.16	33.47 -2.20 0.31	29.72 -1.66 0.01	27.51 -1.33 0.00	25.32 -1.42 0.03
LONG_LAKE_PHOENIX 24014	26.56 -0.35 0.00	24.88 -0.40 0.00	23.15 -0.40 0.00	21.94 -0.40 0.00	21.85 -0.42 0.00	21.86 -0.40 0.00	22.75 -0.44 0.00	23.02 -0.45 0.00	23.76 -0.48 0.00	24.85 -0.58 0.00	24.85 -0.69 0.00	26.23 -0.64 -0.08	26.45 -0.57 -0.03	26.61 -0.54 -0.03	26.58 -0.54 0.00	29.26 -0.57 -0.02	32.45 -0.56 -0.06	41.73 -0.69 -1.55	38.12 -0.61 -0.49	36.96 -0.58 -1.06	35.64 -0.58 -0.24	30.90 -0.50 -0.01	28.41 -0.43 0.00	26.23 -0.56 -0.03
LOVETT___3 23632	28.30 1.40 0.00	26.29 1.01 0.00	24.52 0.97 0.00	23.28 0.94 0.00	23.23 0.96 0.00	23.23 0.98 0.00	24.21 1.02 0.00	24.60 1.13 0.00	25.48 1.24 0.00	26.83 1.40 0.00	27.15 1.61 0.00	28.56 1.77 0.00	29.04 2.05 0.00	29.38 2.25 0.00	29.46 2.33 0.00	32.53 2.65 -0.07	35.75 2.80 0.00	44.14 3.27 0.00	42.46 2.79 -1.43	40.23 2.59 -1.15	38.49 2.41 -0.10	33.44 2.04 0.00	30.69 1.85 0.00	28.27 1.50 0.00
LOVETT___4 23642	28.30 1.40 0.00	26.29 1.01 0.00	24.52 0.97 0.00	23.28 0.94 0.00	23.23 0.96 0.00	23.23 0.98 0.00	24.21 1.02 0.00	24.60 1.13 0.00	25.48 1.24 0.00	26.83 1.40 0.00	27.15 1.61 0.00	28.56 1.77 0.00	29.04 2.05 0.00	29.38 2.25 0.00	29.46 2.33 0.00	32.53 2.65 -0.07	35.75 2.80 0.00	44.14 3.27 0.00	42.46 2.79 -1.43	40.23 2.59 -1.15	38.49 2.41 -0.10	33.44 2.04 0.00	30.69 1.85 0.00	28.27 1.50 0.00
LOVETT___5 23593	28.30 1.40 0.00	26.29 1.01 0.00	24.52 0.97 0.00	23.28 0.94 0.00	23.23 0.96 0.00	23.23 0.98 0.00	24.21 1.02 0.00	24.60 1.13 0.00	25.48 1.24 0.00	26.83 1.40 0.00	27.15 1.61 0.00	28.56 1.77 0.00	29.04 2.05 0.00	29.38 2.25 0.00	29.46 2.33 0.00	32.53 2.65 -0.07	35.75 2.80 0.00	44.14 3.27 0.00	42.46 2.79 -1.43	40.23 2.59 -1.15	38.49 2.41 -0.10	33.44 2.04 0.00	30.69 1.85 0.00	28.27 1.50 0.00
LOWER RAQUET___HYD 24057	26.39 -0.51 0.00	25.11 -0.18 0.00	23.36 -0.19 0.00	22.12 -0.22 0.00	22.05 -0.22 0.00	21.97 -0.29 0.00	22.95 -0.23 0.00	23.16 -0.31 0.00	23.88 -0.36 0.00	25.18 -0.25 0.00	25.26 -0.28 0.00	26.29 -0.51 0.00	26.20 -0.78 0.00	26.10 -1.03 0.00	25.96 -1.17 0.00	28.41 -1.40 0.00	31.53 -1.42 0.00	39.53 -1.35 0.00	37.09 -1.15 0.00	35.50 -0.98 0.00	35.15 -0.83 0.00	30.64 -0.75 0.00	28.18 -0.66 0.00	26.42 -0.35 0.00
LOWER___HUDSON 24059	27.90 1.00 0.00	26.12 0.83 0.00	24.33 0.78 0.00	23.12 0.78 0.00	23.12 0.85 0.00	23.10 0.85 0.00	24.11 0.93 0.00	24.38 0.91 0.00	25.31 1.07 0.00	26.58 1.15 0.00	26.71 1.18 0.00	28.06 1.26 0.00	28.36 1.38 0.00	28.64 1.52 0.00	28.64 1.52 0.00	31.63 1.73 -0.09	34.86 1.91 0.00	43.16 2.29 0.00	46.16 2.14 -5.78	43.17 2.04 -4.64	38.92 1.98 -0.97	33.09 1.69 0.00	30.34 1.50 0.00	27.98 1.21 0.00
LOWVILLE_115KV_TB2 356335	26.74 -0.16 0.00	25.18 -0.10 0.00	23.44 -0.12 0.00	22.18 -0.16 0.00	22.07 -0.20 0.00	22.06 -0.20 0.00	23.00 -0.19 0.00	23.24 -0.23 0.00	23.93 -0.32 0.00	25.10 -0.33 0.00	25.15 -0.38 0.00	26.37 -0.43 0.00	26.56 -0.43 0.00	26.50 -0.62 0.00	26.34 -0.79 0.00	29.01 -0.80 0.00	32.19 -0.76 0.00	40.26 -0.61 0.00	37.86 -0.38 0.00	36.16 -0.33 0.00	35.65 -0.32 0.00	31.08 -0.31 0.00	28.64 -0.20 0.00	26.58 -0.19 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	28.52 1.61 0.00	26.75 1.47 0.00	24.87 1.32 0.00	23.61 1.27 0.00	23.57 1.29 0.00	23.59 1.34 0.00	24.60 1.41 0.00	24.78 1.31 0.00	25.82 1.58 0.00	27.09 1.65 0.00	27.17 1.63 0.00	28.54 1.74 0.00	28.80 1.81 0.00	29.03 1.90 0.00	29.08 1.95 0.00	32.05 2.15 -0.10	35.39 2.44 0.00	43.94 3.07 0.00	47.83 3.14 -6.45	44.66 2.99 -5.18	40.11 3.02 -1.11	34.00 2.61 0.00	31.12 2.28 0.00	28.59 1.82 0.00



LUTHERNY_35_KV_BK2 355980	28.55 1.64 0.00	26.75 1.47 0.00	24.87 1.32 0.00	23.61 1.27 0.00	23.57 1.29 0.00	23.59 1.34 0.00	24.62 1.44 0.00	24.81 1.34 0.00	25.82 1.58 0.00	27.09 1.65 0.00	27.17 1.63 0.00	28.56 1.77 0.00	28.80 1.81 0.00	29.05 1.93 0.00	29.08 1.95 0.00	32.08 2.18 -0.10	35.42 2.47 0.00	43.98 3.11 0.00	47.87 3.17 -6.45	44.69 3.03 -5.18	40.15 3.06 -1.11	34.00 2.61 0.00	31.15 2.31 0.00	28.62 1.85 0.00
LWR___OSWEGATCHIE_HYD 23850	26.37 -0.54 0.00	24.93 -0.35 0.00	23.20 -0.35 0.00	21.96 -0.38 0.00	21.87 -0.40 0.00	21.81 -0.45 0.00	22.77 -0.42 0.00	23.00 -0.47 0.00	23.71 -0.53 0.00	24.95 -0.48 0.00	25.00 -0.54 0.00	26.13 -0.67 0.00	26.18 -0.81 0.00	26.12 -1.00 0.00	25.93 -1.19 0.00	28.50 -1.31 0.00	31.63 -1.32 0.00	39.61 -1.27 0.00	37.21 -1.03 0.00	35.57 -0.91 0.00	35.15 -0.83 0.00	30.64 -0.75 0.00	28.18 -0.66 0.00	26.26 -0.51 0.00
LYONS_FALL_HYD 23570	27.07 0.16 0.00	25.43 0.15 0.00	23.69 0.14 0.00	22.43 0.09 0.00	22.32 0.04 0.00	22.30 0.04 0.00	23.28 0.09 0.00	23.54 0.07 0.00	24.24 0.00 0.00	25.43 0.00 0.00	25.51 -0.03 0.00	26.74 -0.05 0.00	26.99 0.00 0.00	27.02 -0.11 0.00	26.85 -0.27 0.00	29.57 -0.24 0.00	32.78 -0.16 0.00	40.92 0.04 0.00	38.47 0.23 0.00	36.70 0.22 0.00	36.19 0.22 0.00	31.55 0.16 0.00	29.01 0.17 0.00	26.88 0.11 0.00
MADISON___COUNTY_LFGE 323628	27.55 0.65 0.00	25.84 0.56 0.00	24.05 0.49 0.00	22.76 0.42 0.00	22.68 0.40 0.00	22.68 0.42 0.00	23.65 0.46 0.00	23.94 0.47 0.00	24.65 0.41 0.00	25.84 0.41 0.00	25.89 0.36 0.00	27.20 0.43 0.02	27.55 0.57 0.01	27.66 0.54 0.01	27.59 0.46 0.00	30.35 0.54 0.00	33.59 0.66 0.02	41.37 0.94 0.45	39.13 1.03 0.14	37.16 0.99 0.30	36.84 0.94 0.07	32.21 0.82 0.00	29.56 0.72 0.00	27.30 0.54 0.01
MALONE___115KV_TB1 356076	26.82 -0.08 0.00	25.43 0.15 0.00	23.69 0.14 0.00	22.41 0.07 0.00	22.34 0.07 0.00	22.26 0.00 0.00	23.23 0.05 0.00	23.45 -0.02 0.00	24.19 -0.05 0.00	25.53 0.10 0.00	25.61 0.08 0.00	26.53 -0.27 0.00	26.37 -0.62 0.00	26.23 -0.90 0.00	26.04 -1.09 0.00	28.35 -1.46 0.00	31.50 -1.45 0.00	39.61 -1.27 0.00	37.21 -1.03 0.00	35.68 -0.80 0.00	35.47 -0.50 0.00	30.96 -0.44 0.00	28.52 -0.32 0.00	26.77 0.00 0.00
MAPLEWOD_115KV_TB3 80458	27.55 0.65 0.00	25.81 0.53 0.00	24.05 0.49 0.00	22.88 0.54 0.00	22.83 0.56 0.00	22.86 0.60 0.00	23.84 0.65 0.00	24.10 0.63 0.00	24.99 0.75 0.00	26.20 0.76 0.00	26.41 0.87 0.00	27.71 0.91 0.00	28.07 1.08 0.00	28.29 1.17 0.00	28.35 1.22 0.00	31.27 1.37 -0.09	34.46 1.52 0.00	42.71 1.84 0.00	44.83 1.64 -4.95	42.02 1.57 -3.97	38.24 1.48 -0.79	32.68 1.29 0.00	29.94 1.10 0.00	27.63 0.86 0.00
MAPLE_RIDGE_WT_1 323574	26.64 -0.27 0.00	25.11 -0.18 0.00	23.39 -0.16 0.00	22.16 -0.18 0.00	22.07 -0.20 0.00	21.99 -0.27 0.00	22.88 -0.30 0.00	23.16 -0.31 0.00	23.92 -0.32 0.00	25.10 -0.33 0.00	25.18 -0.36 0.00	26.31 -0.48 0.00	26.37 -0.62 0.00	26.42 -0.71 0.00	26.37 -0.76 0.00	28.94 -0.87 0.00	32.06 -0.89 0.00	39.94 -0.94 0.00	37.44 -0.80 0.00	35.75 -0.73 0.00	35.36 -0.61 0.00	30.93 -0.47 0.00	28.44 -0.40 0.00	26.48 -0.29 0.00
MAPLE_RIDGE_WT_2 323611	26.64 -0.27 0.00	25.11 -0.18 0.00	23.39 -0.16 0.00	22.16 -0.18 0.00	22.07 -0.20 0.00	21.99 -0.27 0.00	22.88 -0.30 0.00	23.16 -0.31 0.00	23.92 -0.32 0.00	25.10 -0.33 0.00	25.18 -0.36 0.00	26.31 -0.48 0.00	26.37 -0.62 0.00	26.42 -0.71 0.00	26.37 -0.76 0.00	28.94 -0.87 0.00	32.06 -0.89 0.00	39.94 -0.94 0.00	37.44 -0.80 0.00	35.75 -0.73 0.00	35.36 -0.61 0.00	30.93 -0.47 0.00	28.44 -0.40 0.00	26.48 -0.29 0.00
MARBLE_RIVER_WT_PWR 323696	26.69 -0.22 0.00	25.31 0.03 0.00	23.58 0.02 0.00	22.32 -0.02 0.00	22.23 -0.04 0.00	22.14 -0.11 0.00	23.07 -0.12 0.00	23.28 -0.19 0.00	24.05 -0.19 0.00	25.36 -0.08 0.00	25.41 -0.13 0.00	26.34 -0.46 0.00	26.18 -0.81 0.00	26.01 -1.11 0.00	25.85 -1.27 0.00	28.14 -1.67 0.00	31.20 -1.75 0.00	39.24 -1.64 0.00	36.94 -1.30 0.00	35.39 -1.09 0.00	35.18 -0.79 0.00	30.77 -0.63 0.00	28.38 -0.46 0.00	26.64 -0.13 0.00
MARSHVLE_115KV_TB1 80742	29.57 2.66 0.00	27.68 2.40 0.00	25.70 2.14 0.00	24.35 2.01 0.00	24.26 1.98 0.00	24.30 2.05 0.00	25.32 2.13 0.00	25.42 1.95 0.00	26.23 1.99 0.00	27.11 1.68 0.00	27.17 1.63 0.00	28.59 1.80 0.00	28.96 1.97 0.00	29.16 2.03 0.00	29.21 2.09 0.00	32.39 2.47 -0.11	35.88 2.93 0.00	45.37 4.50 0.00	49.16 4.67 -6.26	45.92 4.41 -5.02	41.57 4.50 -1.10	35.26 3.86 0.00	32.21 3.37 0.00	29.47 2.70 0.00
MARSH_HILL_WT_PWR 323713	28.01 1.10 0.00	26.09 0.81 0.00	24.28 0.73 0.00	22.88 0.54 0.00	22.68 0.40 0.00	22.74 0.49 0.00	23.56 0.37 0.00	23.73 0.26 0.00	24.36 0.12 0.00	25.56 0.13 0.00	25.46 -0.08 0.00	26.12 -0.62 0.06	26.70 -0.27 0.02	27.08 -0.03 0.02	27.07 -0.05 0.00	29.33 -0.48 0.00	32.14 -0.76 0.05	35.39 -1.02 4.47	37.69 -0.50 0.05	35.70 -0.22 0.57	35.38 -0.43 0.17	31.17 -0.22 0.01	28.52 -0.32 0.00	25.73 -1.02 0.02
MCINTYRE_115KV_TB2 80467	26.88 -0.03 0.00	25.56 0.28 0.00	23.81 0.26 0.00	22.52 0.18 0.00	22.43 0.16 0.00	22.37 0.11 0.00	23.37 0.19 0.00	23.59 0.12 0.00	24.29 0.05 0.00	25.61 0.18 0.00	25.64 0.10 0.00	26.72 -0.08 0.00	26.61 -0.38 0.00	26.53 -0.60 0.00	26.37 -0.76 0.00	28.83 -0.98 0.00	32.03 -0.92 0.00	40.22 -0.65 0.00	37.74 -0.50 0.00	36.12 -0.36 0.00	35.80 -0.18 0.00	31.18 -0.22 0.00	28.64 -0.20 0.00	26.85 0.08 0.00
MECO_____69_KV_BK1 80468	29.52 2.61 0.00	27.66 2.38 0.00	25.65 2.10 0.00	24.33 1.99 0.00	24.24 1.96 0.00	24.30 2.05 0.00	25.32 2.13 0.00	25.39 1.92 0.00	26.35 2.11 0.00	27.39 1.96 0.00	27.45 1.92 0.00	28.91 2.12 0.00	29.25 2.27 0.00	29.49 2.36 0.00	29.57 2.44 0.00	32.72 2.80 -0.10	36.21 3.26 0.00	45.53 4.66 0.00	49.63 4.70 -6.68	46.34 4.49 -5.37	41.65 4.50 -1.18	35.29 3.89 0.00	32.21 3.37 0.00	29.47 2.70 0.00
MENANDS___115KV_TB5 355628	27.39 0.48 0.00	25.69 0.40 0.00	23.93 0.38 0.00	22.76 0.42 0.00	22.74 0.47 0.00	22.75 0.49 0.00	23.72 0.53 0.00	24.01 0.54 0.00	24.89 0.65 0.00	26.07 0.64 0.00	26.30 0.77 0.00	27.60 0.80 0.00	27.93 0.94 0.00	28.18 1.06 0.00	28.21 1.09 0.00	31.12 1.22 -0.09	34.30 1.35 0.00	42.47 1.59 0.00	44.45 1.41 -4.79	41.68 1.35 -3.85	37.99 1.26 -0.76	32.46 1.07 0.00	29.76 0.92 0.00	27.49 0.72 0.00
MG INDUSTRY___DRP 24185	27.47 0.57 0.00	25.76 0.48 0.00	24.00 0.45 0.00	22.81 0.47 0.00	22.77 0.49 0.00	22.77 0.51 0.00	23.74 0.56 0.00	23.99 0.52 0.00	24.85 0.61 0.00	25.99 0.56 0.00	26.15 0.61 0.00	27.41 0.62 0.00	27.72 0.73 0.00	27.91 0.79 0.00	27.97 0.84 0.00	30.85 0.95 -0.09	34.04 1.09 0.00	42.26 1.39 0.00	42.99 1.34 -3.42	40.50 1.28 -2.74	37.66 1.22 -0.46	32.46 1.07 0.00	29.76 0.92 0.00	27.49 0.72 0.00



MID___OSWEGATCHIE_HYD 23849	26.37 -0.54 0.00	24.93 -0.35 0.00	23.20 -0.35 0.00	21.96 -0.38 0.00	21.87 -0.40 0.00	21.81 -0.45 0.00	22.77 -0.42 0.00	23.00 -0.47 0.00	23.71 -0.53 0.00	24.95 -0.48 0.00	25.00 -0.54 0.00	26.13 -0.67 0.00	26.18 -0.81 0.00	26.12 -1.00 0.00	25.93 -1.19 0.00	28.50 -1.31 0.00	31.63 -1.32 0.00	39.61 -1.27 0.00	37.21 -1.03 0.00	35.57 -0.91 0.00	35.15 -0.83 0.00	30.64 -0.75 0.00	28.18 -0.66 0.00	26.26 -0.51 0.00
MID___RAQUETTE_HYD 23851	26.42 -0.48 0.00	25.11 -0.18 0.00	23.36 -0.19 0.00	22.12 -0.22 0.00	22.05 -0.22 0.00	21.97 -0.29 0.00	22.95 -0.23 0.00	23.16 -0.31 0.00	23.90 -0.34 0.00	25.18 -0.25 0.00	25.26 -0.28 0.00	26.29 -0.51 0.00	26.21 -0.78 0.00	26.12 -1.00 0.00	25.96 -1.17 0.00	28.41 -1.40 0.00	31.53 -1.42 0.00	39.53 -1.35 0.00	37.09 -1.15 0.00	35.50 -0.99 0.00	35.15 -0.83 0.00	30.64 -0.75 0.00	28.18 -0.66 0.00	26.39 -0.37 0.00
MILLIKEN___1 23584	27.50 0.59 0.00	25.69 0.40 0.00	23.91 0.35 0.00	22.63 0.29 0.00	22.52 0.25 0.00	22.52 0.27 0.00	23.49 0.30 0.00	23.78 0.31 0.00	24.43 0.19 0.00	25.59 0.15 0.00	25.61 0.08 0.00	26.88 0.11 0.03	27.25 0.27 0.01	27.44 0.33 0.01	27.42 0.30 0.00	30.21 0.39 -0.01	33.42 0.49 0.02	45.88 0.69 -4.31	39.26 0.80 -0.22	37.22 0.80 0.07	36.68 0.76 0.06	32.12 0.72 0.00	29.53 0.69 0.00	27.11 0.35 0.01
MILLIKEN___2 23585	27.50 0.59 0.00	25.69 0.40 0.00	23.91 0.35 0.00	22.63 0.29 0.00	22.52 0.25 0.00	22.52 0.27 0.00	23.49 0.30 0.00	23.78 0.31 0.00	24.43 0.19 0.00	25.59 0.15 0.00	25.61 0.08 0.00	26.88 0.11 0.03	27.25 0.27 0.01	27.44 0.33 0.01	27.42 0.30 0.00	30.21 0.39 -0.01	33.42 0.49 0.02	45.88 0.69 -4.31	39.26 0.80 -0.22	37.22 0.80 0.07	36.68 0.76 0.06	32.12 0.72 0.00	29.53 0.69 0.00	27.11 0.35 0.01
MILLIKEN___DIESEL 23629	27.50 0.59 0.00	25.69 0.40 0.00	23.91 0.35 0.00	22.63 0.29 0.00	22.52 0.25 0.00	22.52 0.27 0.00	23.49 0.30 0.00	23.78 0.31 0.00	24.43 0.19 0.00	25.59 0.15 0.00	25.61 0.08 0.00	26.88 0.11 0.03	27.25 0.27 0.01	27.44 0.33 0.01	27.42 0.30 0.00	30.21 0.39 -0.01	33.42 0.49 0.02	45.88 0.69 -4.31	39.26 0.80 -0.22	37.22 0.80 0.07	36.68 0.76 0.06	32.12 0.72 0.00	29.53 0.69 0.00	27.11 0.35 0.01
MILLSEAT___LFGE 323607	26.39 -0.51 0.00	24.40 -0.89 0.00	22.63 -0.92 0.00	21.38 -0.96 0.00	21.21 -1.07 0.00	21.23 -1.02 0.00	21.96 -1.23 0.00	22.27 -1.20 0.00	22.76 -1.48 0.00	23.86 -1.58 0.00	23.80 -1.74 0.00	25.23 -1.47 0.10	25.69 -1.27 0.03	25.82 -1.27 0.03	25.99 -1.14 0.00	28.37 -1.43 0.01	31.32 -1.55 0.08	35.73 -2.29 2.86	36.02 -1.80 0.43	33.54 -1.75 1.19	34.29 -1.37 0.31	30.32 -1.07 0.01	28.06 -0.78 0.00	25.72 -1.02 0.03
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	28.39 1.48 0.00	26.34 1.06 0.00	24.57 1.01 0.00	23.32 0.98 0.00	23.28 1.00 0.00	23.28 1.02 0.00	24.28 1.09 0.00	24.67 1.20 0.00	25.55 1.31 0.00	26.93 1.50 0.00	27.22 1.69 0.00	28.67 1.88 0.00	29.15 2.16 0.00	29.49 2.36 0.00	29.57 2.44 0.00	32.65 2.77 -0.07	35.88 2.93 0.00	44.35 3.47 0.00	42.67 2.94 -1.49	40.42 2.74 -1.20	38.63 2.55 -0.10	33.56 2.17 0.00	30.77 1.93 0.00	28.35 1.58 0.00
MILLWOOD_13_KV_LOAD 356217	28.44 1.53 0.00	26.39 1.11 0.00	24.61 1.06 0.00	23.39 1.05 0.00	23.34 1.07 0.00	23.35 1.09 0.00	24.35 1.16 0.00	24.74 1.27 0.00	25.62 1.38 0.00	27.01 1.58 0.00	27.32 1.79 0.00	28.75 1.96 0.00	29.25 2.27 0.00	29.59 2.47 0.00	29.70 2.58 0.00	32.80 2.92 -0.07	36.05 3.10 0.00	44.55 3.68 0.00	42.87 3.14 -1.49	40.60 2.92 -1.20	38.78 2.70 -0.10	33.69 2.29 0.00	30.83 1.99 0.00	28.43 1.66 0.00
MODEL_CITY_ENERGY 24167	25.78 -1.13 0.00	23.79 -1.49 0.00	22.09 -1.46 0.00	20.86 -1.48 0.00	20.67 -1.60 0.00	20.74 -1.51 0.00	21.40 -1.78 0.00	21.66 -1.81 0.00	22.13 -2.11 0.00	23.17 -2.26 0.00	23.14 -2.40 0.00	24.53 -2.17 0.09	24.93 -2.02 0.03	25.14 -1.95 0.03	25.31 -1.82 0.00	27.65 -2.15 0.01	30.40 -2.47 0.08	34.43 -3.56 2.89	34.82 -3.02 0.40	32.41 -2.92 1.15	33.15 -2.52 0.31	29.44 -1.95 0.01	27.23 -1.61 0.00	25.08 -1.66 0.03
MODERN_LFGE___ 323580	25.78 -1.13 0.00	23.79 -1.49 0.00	22.09 -1.46 0.00	20.86 -1.48 0.00	20.67 -1.60 0.00	20.74 -1.51 0.00	21.40 -1.78 0.00	21.66 -1.81 0.00	22.13 -2.11 0.00	23.17 -2.26 0.00	23.14 -2.40 0.00	24.53 -2.17 0.09	24.93 -2.02 0.03	25.14 -1.95 0.03	25.31 -1.82 0.00	27.65 -2.15 0.01	30.40 -2.47 0.08	34.43 -3.56 2.89	34.82 -3.02 0.40	32.41 -2.92 1.15	33.15 -2.52 0.31	29.44 -1.95 0.01	27.23 -1.61 0.00	25.08 -1.66 0.03
MOHAWK_PAPER___DRP 24187	27.55 0.65 0.00	25.81 0.53 0.00	24.05 0.49 0.00	22.88 0.54 0.00	22.83 0.56 0.00	22.86 0.60 0.00	23.84 0.65 0.00	24.10 0.63 0.00	24.99 0.75 0.00	26.20 0.76 0.00	26.41 0.87 0.00	27.71 0.91 0.00	28.07 1.08 0.00	28.29 1.17 0.00	28.35 1.22 0.00	31.27 1.37 -0.09	34.46 1.52 0.00	42.71 1.84 0.00	44.83 1.64 -4.95	42.02 1.57 -3.97	38.24 1.48 -0.79	32.68 1.29 0.00	29.94 1.10 0.00	27.63 0.86 0.00
MOHICAN___35_KV_115KV_LD 80490	28.87 1.96 0.00	27.05 1.77 0.00	25.13 1.58 0.00	23.86 1.52 0.00	23.81 1.54 0.00	23.84 1.58 0.00	24.90 1.72 0.00	25.04 1.57 0.00	26.13 1.89 0.00	27.44 2.01 0.00	27.40 1.86 0.00	28.78 1.98 0.00	28.93 1.94 0.00	29.16 2.03 0.00	29.21 2.09 0.00	32.20 2.30 -0.10	35.58 2.64 0.00	44.31 3.43 0.00	48.54 3.71 -6.59	45.32 3.54 -5.29	40.79 3.67 -1.14	34.54 3.14 0.00	31.58 2.74 0.00	28.94 2.17 0.00
MONGAUP___HYD 23641	28.33 1.43 0.00	26.37 1.09 0.00	24.56 1.01 0.00	23.30 0.96 0.00	23.25 0.98 0.00	23.23 0.98 0.00	24.16 0.97 0.00	24.48 1.01 0.00	25.36 1.12 0.00	26.75 1.32 0.00	26.94 1.40 0.00	28.27 1.47 0.00	28.74 1.75 0.00	29.05 1.93 0.00	29.11 1.98 0.00	32.17 2.30 -0.06	35.45 2.50 0.00	44.07 3.19 0.00	42.36 2.79 -1.33	40.14 2.59 -1.07	38.48 2.41 -0.09	33.41 2.01 0.00	30.63 1.79 0.00	28.27 1.50 0.00
MONTAUK___DIESEL 23721	34.54 2.74 -4.89	31.21 2.17 -3.75	29.04 2.03 -3.46	26.61 1.92 -2.35	27.35 1.94 -3.14	26.00 1.96 -1.78	25.96 2.09 -0.68	25.76 2.14 -0.16	29.91 2.21 -3.46	34.25 2.59 -6.22	35.97 3.22 -7.22	38.25 3.59 -7.87	39.48 3.91 -8.58	40.95 4.07 -9.75	41.92 4.18 -10.62	42.09 4.62 -7.66	44.10 5.07 -6.08	64.29 6.09 -17.32	44.79 5.05 -1.50	42.03 4.34 -1.20	40.15 4.07 -0.10	35.91 3.58 -0.94	32.54 2.80 -0.90	32.19 2.46 -2.95
MOONROAD_115KV_HARTFLD_TB1-2 355988	27.31 0.40 0.00	25.23 -0.05 0.00	23.46 -0.09 0.00	22.09 -0.25 0.00	21.85 -0.42 0.00	21.94 -0.31 0.00	22.47 -0.72 0.00	22.77 -0.70 0.00	23.17 -1.07 0.00	24.26 -1.17 0.00	24.34 -1.20 0.00	25.24 -1.47 0.08	25.85 -1.11 0.03	25.96 -1.14 0.03	26.07 -1.06 0.00	28.34 -1.46 0.01	30.97 -1.91 0.07	35.17 -2.74 2.97	36.01 -1.95 0.28	33.77 -1.75 0.97	34.09 -1.62 0.27	30.70 -0.69 0.01	28.47 -0.37 0.00	25.96 -0.78 0.03



MORRIS_RIDGE___SOLAR 323848	26.61 -0.30 0.00	24.68 -0.61 0.00	22.96 -0.59 0.00	21.65 -0.69 0.00	21.47 -0.80 0.00	21.52 -0.73 0.00	22.26 -0.93 0.00	22.48 -0.99 0.00	22.93 -1.31 0.00	23.98 -1.45 0.00	24.03 -1.51 0.00	25.12 -1.61 0.07	25.61 -1.35 0.03	25.83 -1.27 0.03	25.99 -1.14 0.00	28.35 -1.46 0.00	31.21 -1.68 0.06	35.44 -2.41 3.02	36.15 -1.91 0.17	33.92 -1.79 0.78	34.19 -1.55 0.24	30.51 -0.88 0.01	28.23 -0.61 0.00	25.83 -0.91 0.03
MORTIMER_115KV_TB3 55949	26.31 -0.59 0.00	24.55 -0.73 0.00	22.78 -0.78 0.00	21.54 -0.80 0.00	21.41 -0.87 0.00	21.41 -0.85 0.00	22.24 -0.95 0.00	22.51 -0.96 0.00	23.05 -1.19 0.00	24.16 -1.27 0.00	24.23 -1.30 0.00	25.70 -0.99 0.10	26.03 -0.92 0.04	26.11 -0.98 0.04	26.23 -0.90 0.00	28.78 -1.01 0.01	31.94 -0.92 0.09	36.67 -1.43 2.78	36.49 -1.07 0.68	33.94 -1.09 1.45	34.78 -0.86 0.34	30.54 -0.85 0.01	28.18 -0.66 0.00	25.93 -0.80 0.04
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	28.60 1.70 0.00	26.50 1.21 0.00	24.68 1.13 0.00	23.46 1.12 0.00	23.41 1.14 0.00	23.41 1.16 0.00	24.42 1.23 0.00	24.85 1.38 0.00	25.74 1.50 0.00	27.14 1.70 0.00	27.43 1.89 0.00	28.91 2.12 0.00	29.42 2.43 0.00	29.76 2.63 0.00	29.84 2.71 0.00	32.98 3.10 -0.07	36.21 3.26 0.00	44.72 3.84 0.00	42.99 3.25 -1.50	40.72 3.03 -1.20	38.92 2.84 -0.10	33.81 2.42 0.00	30.97 2.13 0.00	28.54 1.77 0.00
MUNSVILLE_WIND_PWR 323609	29.17 2.26 0.00	27.31 2.02 0.00	25.39 1.84 0.00	23.95 1.61 0.00	23.79 1.52 0.00	23.84 1.58 0.00	24.97 1.79 0.00	25.23 1.76 0.00	25.84 1.60 0.00	27.08 1.65 0.00	26.99 1.45 0.00	28.33 1.55 0.02	28.90 1.92 0.01	29.02 1.90 0.01	28.64 1.52 0.00	31.58 1.76 -0.02	35.04 2.11 0.02	45.59 3.15 -1.57	42.17 3.40 -0.53	39.98 3.28 -0.21	39.17 3.20 0.01	34.19 2.79 0.00	31.23 2.39 0.00	28.58 1.82 0.01
N SALMON___HYD 24042	26.80 -0.11 0.00	25.43 0.15 0.00	23.69 0.14 0.00	22.41 0.07 0.00	22.34 0.07 0.00	22.26 0.00 0.00	23.23 0.05 0.00	23.45 -0.02 0.00	24.19 -0.05 0.00	25.53 0.10 0.00	25.61 0.08 0.00	26.53 -0.27 0.00	26.37 -0.62 0.00	26.20 -0.92 0.00	26.04 -1.09 0.00	28.35 -1.46 0.00	31.50 -1.45 0.00	39.61 -1.27 0.00	37.21 -1.03 0.00	35.68 -0.80 0.00	35.47 -0.50 0.00	30.96 -0.44 0.00	28.52 -0.32 0.00	26.77 0.00 0.00
N.AKRON__115KV_KNAPP 355671	26.29 -0.62 0.00	24.40 -0.88 0.00	22.63 -0.92 0.00	21.38 -0.96 0.00	21.18 -1.09 0.00	21.23 -1.02 0.00	21.96 -1.23 0.00	22.23 -1.24 0.00	22.59 -1.65 0.00	23.68 -1.75 0.00	23.80 -1.74 0.00	25.20 -1.50 0.10	25.66 -1.30 0.03	25.79 -1.30 0.03	25.99 -1.14 0.00	28.37 -1.43 0.01	31.35 -1.52 0.08	35.64 -2.37 2.86	36.02 -1.80 0.42	33.47 -1.82 1.19	34.22 -1.44 0.31	30.32 -1.07 0.01	28.03 -0.81 0.00	25.72 -1.02 0.03
N.BELMOR_69_KV_BK1 55787	33.98 2.18 -4.89	30.70 1.67 -3.75	28.59 1.58 -3.46	26.21 1.52 -2.35	26.95 1.54 -3.14	25.60 1.56 -1.78	25.51 1.65 -0.68	25.41 1.78 -0.16	29.59 1.89 -3.46	33.76 2.11 -6.22	35.13 2.37 -7.22	37.29 2.63 -7.86	38.48 2.91 -8.57	40.00 3.12 -9.75	40.94 3.20 -10.61	41.07 3.61 -7.65	40.59 3.85 -3.79	45.45 4.58 0.00	43.52 3.79 -1.50	41.23 3.54 -1.20	39.53 3.45 -0.10	35.41 3.08 -0.94	32.45 2.71 -0.90	31.97 2.25 -2.95
N.E_GEN_SANDY PD 24062	27.90 1.00 0.00	26.04 0.76 0.00	24.31 0.75 0.00	23.10 0.76 0.00	23.10 0.82 0.00	23.10 0.85 0.00	24.07 0.88 0.00	26.50 0.96 -2.07	27.76 1.09 -2.43	28.70 1.22 -2.05	27.69 1.30 -0.85	29.40 1.39 -1.21	30.34 1.62 -1.73	31.03 1.76 -2.14	31.60 1.82 -2.66	35.01 2.06 -3.15	38.10 2.21 -2.94	42.88 2.58 0.57	43.00 2.26 -2.50	40.61 2.12 -2.01	38.24 1.98 -0.29	33.09 1.69 0.00	30.34 1.50 0.00	27.98 1.21 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	28.36 1.45 0.00	26.34 1.06 0.00	24.54 0.99 0.00	23.30 0.96 0.00	23.26 0.98 0.00	23.28 1.02 0.00	24.25 1.07 0.00	24.62 1.15 0.00	25.50 1.26 0.00	26.86 1.42 0.00	27.17 1.63 0.00	28.62 1.82 0.00	29.09 2.11 0.00	29.40 2.28 0.00	29.51 2.39 0.00	32.59 2.71 -0.07	35.78 2.83 0.00	44.23 3.35 0.00	42.54 2.87 -1.43	40.30 2.66 -1.15	38.56 2.48 -0.10	33.50 2.10 0.00	30.71 1.87 0.00	28.32 1.55 0.00
N.QUEENS_27_KV_LOAD 356247	28.90 1.99 0.00	26.65 1.37 0.00	24.78 1.22 0.00	23.55 1.21 0.00	23.48 1.20 0.00	23.39 1.14 0.00	24.42 1.23 0.00	24.88 1.41 0.00	25.79 1.55 0.00	27.19 1.75 0.00	27.50 1.97 0.00	29.02 2.22 0.00	29.50 2.51 0.00	29.87 2.74 0.00	29.97 2.85 0.00	33.10 3.22 -0.07	36.34 3.39 0.00	44.80 3.92 0.00	43.07 3.33 -1.50	40.83 3.14 -1.20	39.07 2.99 -0.10	33.88 2.48 0.00	31.03 2.19 0.00	28.70 1.93 0.00
N.TROY___115KV_TB1 355778	27.87 0.97 0.00	26.12 0.83 0.00	24.33 0.78 0.00	23.12 0.78 0.00	23.10 0.82 0.00	23.10 0.85 0.00	24.11 0.93 0.00	24.39 0.92 0.00	25.31 1.07 0.00	26.53 1.09 0.00	26.71 1.17 0.00	28.06 1.26 0.00	28.36 1.38 0.00	28.59 1.46 0.00	28.65 1.52 0.00	31.63 1.73 -0.09	34.83 1.88 0.00	43.16 2.29 0.00	46.16 2.14 -5.78	43.17 2.04 -4.64	38.92 1.98 -0.97	33.09 1.70 0.00	30.34 1.50 0.00	27.97 1.20 0.00
NARROWS_GT1_1 24228	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39
NARROWS_GT1_2 24229	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39
NARROWS_GT1_3 24230	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39
NARROWS_GT1_4 24231	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39



NARROWS_GT1_5 24232	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39
NARROWS_GT1_6 24233	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39
NARROWS_GT1_7 24234	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39
NARROWS_GT1_8 24235	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39
NARROWS_GT2_1 24236	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39
NARROWS_GT2_2 24237	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39
NARROWS_GT2_3 24238	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39
NARROWS_GT2_4 24239	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39
NARROWS_GT2_5 24240	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39
NARROWS_GT2_6 24241	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39
NARROWS_GT2_7 24242	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39
NARROWS_GT2_8 24243	39.14 1.96 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.60 1.31 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.52 -0.01	39.09 1.67 -13.18	39.43 1.96 -12.04	39.48 2.09 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.13 2.87 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.84 3.39 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.37 -8.28	39.14 1.98 -10.39
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	27.85 0.94 0.00	26.17 0.88 0.00	24.33 0.78 0.00	23.14 0.80 0.00	23.10 0.82 0.00	23.08 0.82 0.00	24.00 0.81 0.00	24.15 0.68 0.00	25.06 0.82 0.00	26.22 0.79 0.00	26.38 0.84 0.00	27.57 0.78 0.00	27.93 0.94 0.00	28.10 0.98 0.00	28.18 1.06 0.00	31.15 1.25 -0.09	34.50 1.55 0.00	43.12 2.25 0.00	43.47 2.03 -3.20	40.99 1.93 -2.57	38.24 1.83 -0.43	33.00 1.60 0.00	30.22 1.38 0.00	27.92 1.15 0.00
NCHELSEA_115KV_TR2 355582	28.49 1.59 0.00	26.50 1.21 0.00	24.68 1.13 0.00	23.43 1.09 0.00	23.41 1.14 0.00	23.39 1.14 0.00	24.35 1.16 0.00	24.69 1.22 0.00	25.57 1.33 0.00	26.96 1.53 0.00	27.27 1.74 0.00	28.67 1.88 0.00	29.15 2.16 0.00	29.46 2.33 0.00	29.54 2.41 0.00	32.65 2.77 -0.07	35.91 2.97 0.00	44.51 3.64 0.00	42.90 3.14 -1.52	40.63 2.92 -1.22	38.78 2.70 -0.11	33.69 2.29 0.00	30.86 2.02 0.00	28.46 1.69 0.00
NEG CAPITAL___MECHNVIL 23645	28.47 1.56 0.00	26.67 1.39 0.00	24.80 1.25 0.00	23.55 1.21 0.00	23.52 1.25 0.00	23.52 1.27 0.00	24.55 1.37 0.00	24.74 1.27 0.00	25.77 1.53 0.00	27.06 1.63 0.00	27.15 1.61 0.00	28.51 1.72 0.00	28.80 1.81 0.00	29.05 1.93 0.00	29.08 1.95 0.00	32.08 2.17 -0.09	35.39 2.44 0.00	43.94 3.07 0.00	47.59 3.06 -6.29	44.45 2.92 -5.05	39.97 2.91 -1.08	33.91 2.51 0.00	31.03 2.19 0.00	28.51 1.74 0.00



NEG CENTRAL_HIGH_ACRES 23767	25.96 -0.94 0.00	24.20 -1.09 0.00	22.47 -1.08 0.00	21.27 -1.07 0.00	21.14 -1.14 0.00	21.14 -1.11 0.00	21.96 -1.23 0.00	22.27 -1.20 0.00	22.86 -1.38 0.00	23.96 -1.48 0.00	23.98 -1.56 0.00	25.42 -1.29 0.09	25.74 -1.21 0.03	25.82 -1.27 0.03	25.88 -1.25 0.00	28.43 -1.37 0.01	31.52 -1.35 0.08	36.61 -1.80 2.47	36.11 -1.53 0.60	33.69 -1.50 1.29	34.38 -1.29 0.30	30.13 -1.26 0.01	27.80 -1.04 0.00	25.56 -1.18 0.03
NEG CENTRAL____DRP 24199	26.82 -0.08 0.00	25.05 -0.23 0.00	23.29 -0.26 0.00	22.05 -0.29 0.00	21.92 -0.36 0.00	21.94 -0.31 0.00	22.84 -0.35 0.00	23.12 -0.35 0.00	23.76 -0.48 0.00	24.87 -0.56 0.00	24.90 -0.64 0.00	26.17 -0.59 0.03	26.52 -0.46 0.01	26.71 -0.41 0.01	26.72 -0.41 0.00	29.36 -0.45 0.00	32.52 -0.40 0.03	38.76 -0.53 1.58	37.55 -0.46 0.23	35.67 -0.33 0.49	35.58 -0.29 0.11	31.20 -0.19 0.00	28.75 -0.09 0.00	26.38 -0.37 0.01
NEG CENTRAL____INDECK 23768	27.23 0.32 0.00	25.31 0.03 0.00	23.48 -0.07 0.00	22.16 -0.18 0.00	21.99 -0.29 0.00	22.01 -0.24 0.00	22.84 -0.35 0.00	23.16 -0.31 0.00	23.66 -0.58 0.00	24.72 -0.71 0.00	24.62 -0.92 0.00	25.91 -0.80 0.08	26.31 -0.65 0.03	26.50 -0.60 0.03	26.58 -0.54 0.00	29.18 -0.63 0.01	32.45 -0.43 0.07	37.28 -0.57 3.03	37.80 -0.15 0.28	35.43 -0.11 0.95	35.89 0.18 0.27	31.58 0.19 0.01	29.19 0.35 0.00	26.63 -0.11 0.03
NEG CENTRAL____SENECA 23627	26.93 0.03 0.00	25.11 -0.18 0.00	23.34 -0.21 0.00	22.07 -0.27 0.00	21.92 -0.36 0.00	21.94 -0.31 0.00	22.82 -0.37 0.00	23.09 -0.38 0.00	23.68 -0.56 0.00	24.80 -0.64 0.00	24.85 -0.69 0.00	26.12 -0.62 0.06	26.51 -0.46 0.02	26.70 -0.41 0.02	26.75 -0.38 0.00	29.36 -0.45 0.00	32.50 -0.40 0.05	37.64 -0.57 2.66	37.54 -0.50 0.20	35.48 -0.29 0.71	35.52 -0.25 0.20	31.30 -0.09 0.01	28.84 0.00 0.00	26.40 -0.35 0.02
NEG CENTRAL____STATE_STREET 24147	26.80 -0.11 0.00	25.08 -0.20 0.00	23.34 -0.21 0.00	22.09 -0.25 0.00	22.01 -0.27 0.00	22.01 -0.24 0.00	22.93 -0.26 0.00	23.21 -0.26 0.00	23.90 -0.34 0.00	25.03 -0.41 0.00	25.05 -0.49 0.00	26.39 -0.40 0.00	26.69 -0.30 0.00	26.85 -0.27 0.00	26.85 -0.27 0.00	29.55 -0.27 -0.01	32.75 -0.20 0.00	40.30 -0.25 0.33	38.09 -0.15 0.00	36.34 -0.15 0.00	35.83 -0.14 0.00	31.27 -0.13 0.00	28.78 -0.06 0.00	26.48 -0.29 0.00
NEG MILLWOOD____DRP 24198	28.60 1.70 0.00	26.57 1.29 0.00	24.78 1.22 0.00	23.52 1.18 0.00	23.50 1.23 0.00	23.48 1.22 0.00	24.46 1.28 0.00	24.83 1.36 0.00	25.74 1.50 0.00	27.19 1.75 0.00	27.50 1.97 0.00	28.94 2.14 0.00	29.44 2.46 0.00	29.81 2.69 0.00	29.89 2.77 0.00	33.07 3.19 -0.07	36.34 3.39 0.00	45.00 4.13 0.00	43.33 3.56 -1.53	41.03 3.32 -1.23	39.11 3.02 -0.11	33.94 2.54 0.00	31.03 2.19 0.00	28.59 1.82 0.00
NEG NORTH_FLCN_SEA 23793	27.04 0.13 0.00	25.61 0.33 0.00	23.84 0.28 0.00	22.56 0.22 0.00	22.48 0.20 0.00	22.37 0.11 0.00	23.33 0.14 0.00	23.54 0.07 0.00	24.29 0.05 0.00	25.64 0.20 0.00	25.72 0.18 0.00	26.64 -0.16 0.00	26.45 -0.54 0.00	26.31 -0.81 0.00	26.12 -1.00 0.00	28.38 -1.43 0.00	31.50 -1.45 0.00	39.65 -1.23 0.00	37.32 -0.92 0.00	35.75 -0.73 0.00	35.58 -0.40 0.00	31.08 -0.31 0.00	28.67 -0.17 0.00	26.93 0.16 0.00
NEG NORTH_KES_CHATEGAY 23792	26.72 -0.19 0.00	25.33 0.05 0.00	23.60 0.05 0.00	22.32 -0.02 0.00	22.25 -0.02 0.00	22.14 -0.11 0.00	23.09 -0.09 0.00	23.31 -0.16 0.00	24.07 -0.17 0.00	25.38 -0.05 0.00	25.43 -0.10 0.00	26.37 -0.43 0.00	26.18 -0.81 0.00	26.07 -1.06 0.00	25.88 -1.25 0.00	28.20 -1.61 0.00	31.27 -1.68 0.00	39.32 -1.55 0.00	36.98 -1.26 0.00	35.46 -1.02 0.00	35.22 -0.76 0.00	30.77 -0.63 0.00	28.38 -0.46 0.00	26.66 -0.11 0.00
NEG NORTH____ALICE_FALLS 23915	27.04 0.13 0.00	25.61 0.33 0.00	23.84 0.28 0.00	22.54 0.20 0.00	22.48 0.20 0.00	22.37 0.11 0.00	23.35 0.16 0.00	23.54 0.07 0.00	24.31 0.07 0.00	25.66 0.23 0.00	25.74 0.20 0.00	26.64 -0.16 0.00	26.45 -0.54 0.00	26.31 -0.81 0.00	26.12 -1.00 0.00	28.38 -1.43 0.00	31.53 -1.42 0.00	39.69 -1.19 0.00	37.32 -0.92 0.00	35.83 -0.66 0.00	35.62 -0.36 0.00	31.11 -0.28 0.00	28.70 -0.14 0.00	26.93 0.16 0.00
NEG NORTH____LWR_SARANAC 23913	27.04 0.13 0.00	25.61 0.33 0.00	23.84 0.28 0.00	22.54 0.20 0.00	22.48 0.20 0.00	22.37 0.11 0.00	23.35 0.16 0.00	23.54 0.07 0.00	24.31 0.07 0.00	25.66 0.23 0.00	25.74 0.20 0.00	26.64 -0.16 0.00	26.45 -0.54 0.00	26.31 -0.81 0.00	26.12 -1.00 0.00	28.38 -1.43 0.00	31.53 -1.42 0.00	39.69 -1.19 0.00	37.32 -0.92 0.00	35.83 -0.66 0.00	35.62 -0.36 0.00	31.11 -0.28 0.00	28.70 -0.14 0.00	26.93 0.16 0.00
NEG NORTH____PLATTSBURG 23628	27.01 0.11 0.00	25.61 0.33 0.00	23.84 0.28 0.00	22.54 0.20 0.00	22.48 0.20 0.00	22.37 0.11 0.00	23.35 0.16 0.00	23.54 0.07 0.00	24.31 0.07 0.00	25.69 0.25 0.00	25.74 0.20 0.00	26.64 -0.16 0.00	26.45 -0.54 0.00	26.29 -0.84 0.00	26.12 -1.00 0.00	28.38 -1.43 0.00	31.53 -1.42 0.00	39.69 -1.19 0.00	37.32 -0.92 0.00	35.79 -0.69 0.00	35.62 -0.36 0.00	31.11 -0.28 0.00	28.70 -0.14 0.00	26.93 0.16 0.00
NEG WEST_LEA_LOCKPORT 23791	25.94 -0.97 0.00	24.04 -1.24 0.00	22.33 -1.22 0.00	21.07 -1.27 0.00	20.87 -1.40 0.00	20.94 -1.31 0.00	21.61 -1.58 0.00	21.85 -1.62 0.00	22.20 -2.04 0.00	23.25 -2.19 0.00	23.37 -2.17 0.00	24.75 -1.96 0.10	25.17 -1.78 0.03	25.36 -1.74 0.03	25.55 -1.57 0.00	27.89 -1.91 0.01	30.73 -2.14 0.08	34.72 -3.27 2.88	35.24 -2.60 0.40	32.73 -2.59 1.16	33.44 -2.23 0.31	29.72 -1.66 0.01	27.51 -1.33 0.00	25.32 -1.42 0.03
NEG WEST____LANCASTER 23811	26.66 -0.24 0.00	24.70 -0.58 0.00	22.99 -0.57 0.00	21.67 -0.67 0.00	21.47 -0.80 0.00	21.57 -0.69 0.00	22.26 -0.93 0.00	22.46 -1.01 0.00	22.83 -1.41 0.00	23.86 -1.58 0.00	24.03 -1.51 0.00	24.35 -2.36 0.08	25.45 -1.51 0.03	25.85 -1.25 0.03	26.20 -0.92 0.00	28.07 -1.73 0.01	30.24 -2.64 0.07	34.33 -3.64 2.91	34.78 -3.17 0.29	32.48 -3.03 0.97	32.90 -2.81 0.27	30.42 -0.97 0.01	28.15 -0.69 0.00	25.37 -1.37 0.03
NEG_PENN_ALLEGHNY 23528	27.23 0.32 0.00	25.38 0.10 0.00	23.62 0.07 0.00	22.36 0.02 0.00	22.25 -0.02 0.00	22.28 0.02 0.00	23.16 -0.02 0.00	23.45 -0.02 0.00	24.14 -0.10 0.00	25.31 -0.13 0.00	25.36 -0.18 0.00	26.58 -0.19 0.03	27.01 0.03 0.01	27.25 0.14 0.01	27.29 0.16 0.00	29.95 0.12 -0.02	32.99 0.07 0.02	39.89 -0.04 0.95	38.67 0.08 -0.35	36.60 0.07 -0.04	36.00 0.07 0.04	31.68 0.28 0.00	29.16 0.32 0.00	26.79 0.03 0.01
NEG____GEN_MONROE 24207	26.42 -0.48 0.00	24.65 -0.63 0.00	22.87 -0.68 0.00	21.63 -0.71 0.00	21.47 -0.80 0.00	21.50 -0.76 0.00	22.26 -0.93 0.00	22.53 -0.94 0.00	23.03 -1.21 0.00	24.14 -1.30 0.00	24.21 -1.33 0.00	25.68 -1.02 0.10	26.01 -0.94 0.04	26.03 -1.06 0.04	26.12 -1.00 0.00	28.66 -1.13 0.01	31.84 -1.02 0.09	36.46 -1.63 2.78	36.30 -1.26 0.68	33.79 -1.24 1.45	34.71 -0.94 0.33	30.48 -0.91 0.01	28.18 -0.66 0.00	25.96 -0.78 0.04



NEPA__ENERGY 23901	26.77 -0.13 0.00	24.78 -0.51 0.00	23.06 -0.49 0.00	21.74 -0.60 0.00	21.54 -0.74 0.00	21.63 -0.62 0.00	22.31 -0.88 0.00	22.55 -0.92 0.00	22.96 -1.28 0.00	23.98 -1.45 0.00	24.16 -1.38 0.00	25.13 -1.58 0.08	25.80 -1.16 0.03	26.04 -1.06 0.03	26.26 -0.87 0.00	28.55 -1.25 0.01	31.20 -1.68 0.07	35.37 -2.62 2.89	35.89 -2.06 0.28	33.52 -2.01 0.96	33.91 -1.80 0.27	30.54 -0.85 0.01	28.26 -0.58 0.00	25.83 -0.91 0.03
NEVERSink__HYD 23608	28.57 1.67 0.00	26.57 1.29 0.00	24.75 1.20 0.00	23.48 1.14 0.00	23.41 1.14 0.00	23.39 1.13 0.00	24.35 1.16 0.00	24.64 1.17 0.00	25.55 1.31 0.00	26.98 1.55 0.00	27.20 1.66 0.00	28.54 1.74 0.00	29.04 2.05 0.00	29.32 2.20 0.00	29.38 2.25 0.00	32.44 2.56 -0.06	35.75 2.80 0.00	44.39 3.52 0.00	42.72 3.06 -1.42	40.51 2.88 -1.14	38.75 2.66 -0.11	33.66 2.26 0.00	30.86 2.02 0.00	28.46 1.69 0.00
NEWKRMKL_115KV_TB1 55635	27.28 0.38 0.00	25.54 0.25 0.00	23.79 0.24 0.00	22.65 0.31 0.00	22.63 0.36 0.00	22.63 0.38 0.00	23.60 0.42 0.00	23.87 0.40 0.00	24.77 0.53 0.00	25.94 0.51 0.00	26.15 0.61 0.00	27.44 0.64 0.00	27.77 0.78 0.00	27.99 0.87 0.00	28.05 0.92 0.00	30.95 1.04 -0.09	34.10 1.15 0.00	42.26 1.39 0.00	44.13 1.22 -4.66	41.36 1.13 -3.74	37.78 1.08 -0.73	32.31 0.91 0.00	29.62 0.78 0.00	27.33 0.56 0.00
NEWTON__FALLS_HYD 23847	26.37 -0.54 0.00	24.93 -0.35 0.00	23.20 -0.35 0.00	21.96 -0.38 0.00	21.87 -0.40 0.00	21.81 -0.45 0.00	22.77 -0.42 0.00	23.00 -0.47 0.00	23.71 -0.53 0.00	24.95 -0.48 0.00	25.00 -0.54 0.00	26.13 -0.67 0.00	26.18 -0.81 0.00	26.12 -1.00 0.00	25.93 -1.19 0.00	28.50 -1.31 0.00	31.63 -1.32 0.00	39.61 -1.27 0.00	37.21 -1.03 0.00	35.57 -0.91 0.00	35.15 -0.83 0.00	30.64 -0.75 0.00	28.18 -0.66 0.00	26.26 -0.51 0.00
NGRID_A1_DSASP 323792	25.56 -1.34 0.00	23.59 -1.69 0.00	21.90 -1.65 0.00	20.69 -1.65 0.00	20.49 -1.78 0.00	20.56 -1.69 0.00	21.22 -1.97 0.00	21.45 -2.02 0.00	21.94 -2.30 0.00	22.94 -2.49 0.00	22.91 -2.63 0.00	24.34 -2.36 0.10	24.69 -2.27 0.03	24.90 -2.20 0.03	25.09 -2.03 0.00	27.41 -2.39 0.01	30.13 -2.73 0.08	34.09 -3.88 2.90	34.55 -3.29 0.40	32.15 -3.17 1.16	32.86 -2.81 0.31	29.13 -2.26 0.01	26.97 -1.87 0.00	24.86 -1.87 0.03
NGRID_A2_DSASP 323793	25.56 -1.34 0.00	23.59 -1.69 0.00	21.90 -1.65 0.00	20.69 -1.65 0.00	20.49 -1.78 0.00	20.56 -1.69 0.00	21.22 -1.97 0.00	21.45 -2.02 0.00	21.94 -2.30 0.00	22.94 -2.49 0.00	22.91 -2.63 0.00	24.34 -2.36 0.10	24.69 -2.27 0.03	24.90 -2.20 0.03	25.09 -2.03 0.00	27.41 -2.39 0.01	30.13 -2.73 0.08	34.09 -3.88 2.90	34.55 -3.29 0.40	32.15 -3.17 1.16	32.86 -2.81 0.31	29.13 -2.26 0.01	26.97 -1.87 0.00	24.86 -1.87 0.03
NGRID_A4_DSASP 323807	25.56 -1.34 0.00	23.59 -1.69 0.00	21.90 -1.65 0.00	20.69 -1.65 0.00	20.49 -1.78 0.00	20.56 -1.69 0.00	21.22 -1.97 0.00	21.45 -2.02 0.00	21.94 -2.30 0.00	22.94 -2.49 0.00	22.91 -2.63 0.00	24.34 -2.36 0.10	24.69 -2.27 0.03	24.90 -2.20 0.03	25.09 -2.03 0.00	27.41 -2.39 0.01	30.13 -2.73 0.08	34.09 -3.88 2.90	34.55 -3.29 0.40	32.15 -3.17 1.16	32.86 -2.81 0.31	29.13 -2.26 0.01	26.97 -1.87 0.00	24.86 -1.87 0.03
NIAGARA_115E_LBMP 323715	25.64 -1.26 0.00	23.66 -1.62 0.00	21.97 -1.58 0.00	20.75 -1.59 0.00	20.56 -1.71 0.00	20.63 -1.62 0.00	21.29 -1.90 0.00	21.55 -1.92 0.00	22.01 -2.23 0.00	23.04 -2.39 0.00	22.98 -2.55 0.00	24.37 -2.33 0.09	24.77 -2.19 0.03	24.98 -2.12 0.03	25.17 -1.95 0.00	27.48 -2.33 0.01	30.20 -2.67 0.08	34.18 -3.80 2.89	34.60 -3.25 0.39	32.20 -3.14 1.15	32.93 -2.74 0.31	29.25 -2.14 0.01	27.08 -1.76 0.00	24.92 -1.82 0.03
NIAGARA_115W_LBMP 323714	25.48 -1.43 0.00	23.54 -1.74 0.00	21.86 -1.70 0.00	20.64 -1.70 0.00	20.45 -1.83 0.00	20.52 -1.74 0.00	21.17 -2.02 0.00	21.40 -2.07 0.00	21.89 -2.35 0.00	22.89 -2.54 0.00	22.86 -2.68 0.00	24.29 -2.41 0.10	24.63 -2.32 0.03	24.84 -2.25 0.03	25.04 -2.09 0.00	27.36 -2.44 0.01	30.10 -2.77 0.08	34.01 -3.96 2.90	34.47 -3.37 0.40	32.08 -3.25 1.16	32.79 -2.88 0.31	29.06 -2.32 0.01	26.91 -1.93 0.00	24.81 -1.93 0.03
NIAGARA_230_LBMP 323716	25.72 -1.18 0.00	23.77 -1.52 0.00	22.07 -1.48 0.00	20.84 -1.50 0.00	20.67 -1.60 0.00	20.72 -1.54 0.00	21.40 -1.78 0.00	21.64 -1.83 0.00	22.13 -2.11 0.00	23.14 -2.29 0.00	23.11 -2.43 0.00	24.53 -2.17 0.10	24.90 -2.05 0.03	25.09 -2.01 0.03	25.28 -1.85 0.00	27.62 -2.17 0.01	30.36 -2.51 0.08	34.38 -3.60 2.90	34.81 -3.02 0.41	32.38 -2.92 1.18	33.07 -2.59 0.31	29.35 -2.04 0.01	27.17 -1.67 0.00	25.05 -1.69 0.03
NIAGARA__115KV_198_GIBSON 55903	25.40 -1.51 0.00	23.54 -1.74 0.00	21.86 -1.70 0.00	20.64 -1.70 0.00	20.45 -1.83 0.00	20.52 -1.74 0.00	21.17 -2.02 0.00	21.38 -2.09 0.00	21.72 -2.52 0.00	22.76 -2.67 0.00	22.86 -2.68 0.00	24.29 -2.41 0.10	24.63 -2.32 0.03	24.84 -2.25 0.03	25.04 -2.09 0.00	27.36 -2.44 0.01	30.13 -2.73 0.08	33.93 -4.05 2.90	34.51 -3.33 0.40	31.97 -3.36 1.16	32.75 -2.91 0.31	29.06 -2.32 0.01	26.91 -1.93 0.00	24.81 -1.93 0.03
NIAGARA____ 23760	25.72 -1.18 0.00	23.77 -1.52 0.00	22.07 -1.48 0.00	20.84 -1.50 0.00	20.67 -1.60 0.00	20.72 -1.54 0.00	21.40 -1.78 0.00	21.64 -1.83 0.00	22.13 -2.11 0.00	23.14 -2.29 0.00	23.11 -2.43 0.00	24.53 -2.17 0.10	24.90 -2.05 0.03	25.09 -2.01 0.03	25.28 -1.85 0.00	27.62 -2.17 0.01	30.36 -2.51 0.08	34.38 -3.60 2.90	34.81 -3.02 0.41	32.40 -2.92 1.17	33.07 -2.59 0.31	29.35 -2.04 0.01	27.17 -1.67 0.00	25.05 -1.69 0.03
NINE_MILE_1 23575	26.29 -0.62 0.00	24.62 -0.66 0.00	22.92 -0.63 0.00	21.74 -0.60 0.00	21.65 -0.62 0.00	21.66 -0.60 0.00	22.54 -0.65 0.00	22.81 -0.66 0.00	23.49 -0.75 0.00	24.54 -0.89 0.00	24.59 -0.94 0.00	25.13 -0.91 0.75	25.86 -0.86 0.26	26.02 -0.84 0.26	26.26 -0.87 0.00	28.73 -0.92 0.15	31.33 -0.99 0.63	24.10 -1.27 15.51	32.16 -1.15 4.93	24.83 -1.09 10.56	32.49 -1.04 2.44	30.39 -0.94 0.07	28.00 -0.84 0.00	25.62 -0.88 0.26
NINE_MILE_2 23744	26.29 -0.62 0.00	24.62 -0.66 0.00	22.94 -0.61 0.00	21.74 -0.60 0.00	21.65 -0.62 0.00	21.66 -0.60 0.00	22.54 -0.65 0.00	22.81 -0.66 0.00	23.49 -0.75 0.00	24.54 -0.89 0.00	24.62 -0.92 0.00	25.12 -0.91 0.76	25.86 -0.86 0.27	26.02 -0.84 0.27	26.29 -0.84 0.00	28.73 -0.92 0.15	31.32 -0.99 0.64	23.89 -1.27 15.71	32.14 -1.11 4.99	24.69 -1.09 10.70	32.46 -1.04 2.47	30.42 -0.91 0.07	28.00 -0.84 0.00	25.62 -0.88 0.27
NM_CAPITAL__DRP 24208	27.34 0.43 0.00	25.61 0.33 0.00	23.88 0.33 0.00	22.72 0.38 0.00	22.70 0.42 0.00	22.70 0.45 0.00	23.67 0.49 0.00	23.96 0.49 0.00	24.85 0.61 0.00	26.02 0.58 0.00	26.25 0.72 0.00	27.52 0.72 0.00	27.88 0.89 0.00	28.10 0.98 0.00	28.16 1.03 0.00	31.06 1.16 -0.09	34.20 1.25 0.00	42.39 1.51 -4.59	44.17 1.34 -3.69	41.41 1.24 -0.71	37.84 1.15 -0.00	32.40 1.00 0.00	29.71 0.87 0.00	27.44 0.67 0.00



NM_CENTRAL___DRP 24181	26.69 -0.22 0.00	24.98 -0.30 0.00	23.27 -0.28 0.00	22.05 -0.29 0.00	21.94 -0.33 0.00	21.94 -0.31 0.00	22.86 -0.32 0.00	23.14 -0.33 0.00	23.83 -0.41 0.00	24.97 -0.46 0.00	24.97 -0.56 0.00	26.24 -0.51 0.04	26.54 -0.43 0.01	26.73 -0.38 0.01	26.75 -0.38 0.00	29.42 -0.39 0.00	32.52 -0.40 0.04	39.47 -0.53 0.87	37.54 -0.42 0.28	35.49 -0.40 0.59	35.44 -0.40 0.14	31.05 -0.35 0.00	28.55 -0.29 0.00	26.33 -0.43 0.01
NM_FRONTIER___DRP 24179	25.40 -1.51 0.00	23.54 -1.74 0.00	21.86 -1.70 0.00	20.64 -1.70 0.00	20.45 -1.83 0.00	20.52 -1.74 0.00	21.17 -2.02 0.00	21.38 -2.09 0.00	21.72 -2.52 0.00	22.76 -2.67 0.00	22.86 -2.68 0.00	24.29 -2.41 0.10	24.63 -2.32 0.03	24.84 -2.25 0.03	25.04 -2.09 0.00	27.36 -2.44 0.01	30.13 -2.73 0.08	33.93 -4.05 2.90	34.51 -3.33 0.40	31.97 -3.36 1.16	32.75 -2.91 0.31	29.06 -2.32 0.01	26.91 -1.93 0.00	24.81 -1.93 0.03
NM_ST_REGIS___HYD 24053	26.50 -0.40 0.00	25.16 -0.13 0.00	23.44 -0.12 0.00	22.18 -0.16 0.00	22.10 -0.18 0.00	22.01 -0.24 0.00	23.00 -0.19 0.00	23.21 -0.26 0.00	23.95 -0.29 0.00	25.25 -0.18 0.00	25.31 -0.23 0.00	26.31 -0.48 0.00	26.21 -0.78 0.00	26.12 -1.00 0.00	25.96 -1.17 0.00	28.35 -1.46 0.00	31.50 -1.45 0.00	39.49 -1.39 0.00	37.09 -1.15 0.00	35.50 -0.99 0.00	35.18 -0.79 0.00	30.67 -0.72 0.00	28.23 -0.61 0.00	26.48 -0.29 0.00
NORTHPORT___1 23551	33.71 1.91 -4.89	30.52 1.49 -3.75	28.48 1.46 -3.46	26.14 1.45 -2.35	26.84 1.43 -3.14	25.53 1.49 -1.78	25.47 1.60 -0.68	25.34 1.71 -0.16	29.57 1.87 -3.46	33.71 2.06 -6.22	34.75 1.99 -7.22	35.33 1.98 -6.55	37.85 2.29 -8.57	39.45 2.58 -9.75	40.42 2.69 -10.61	40.56 3.10 -7.65	39.50 3.36 -3.19	43.63 3.92 1.17	42.88 3.14 -1.50	40.46 2.77 -1.20	38.74 2.66 -0.10	34.78 2.45 -0.94	32.05 2.31 -0.90	31.68 1.95 -2.95
NORTHPORT___2 23552	33.71 1.91 -4.89	30.52 1.49 -3.75	28.48 1.46 -3.46	26.14 1.45 -2.35	26.84 1.43 -3.14	25.53 1.49 -1.78	25.47 1.60 -0.68	25.34 1.71 -0.16	29.57 1.87 -3.46	33.71 2.06 -6.22	34.75 1.99 -7.22	35.33 1.98 -6.55	37.85 2.29 -8.57	39.45 2.58 -9.75	40.42 2.69 -10.61	40.56 3.10 -7.65	39.50 3.36 -3.19	43.63 3.92 1.17	42.88 3.14 -1.50	40.46 2.77 -1.20	38.74 2.66 -0.10	34.78 2.45 -0.94	32.05 2.31 -0.90	31.68 1.95 -2.95
NORTHPORT___3 23553	33.55 1.75 -4.89	30.37 1.34 -3.75	28.29 1.27 -3.46	25.92 1.23 -2.35	26.66 1.25 -3.14	25.33 1.29 -1.78	25.24 1.37 -0.68	25.11 1.48 -0.16	29.35 1.65 -3.46	33.51 1.86 -6.22	34.49 1.74 -7.22	35.29 1.93 -6.56	37.80 2.24 -8.57	39.35 2.47 -9.75	40.29 2.55 -10.61	40.35 2.89 -7.65	39.40 3.10 -3.36	43.73 3.64 0.78	42.61 2.87 -1.50	40.28 2.59 -1.20	38.53 2.45 -0.10	34.56 2.23 -0.94	31.85 2.10 -0.90	31.52 1.79 -2.95
NORTHPORT___4 23650	33.55 1.75 -4.89	30.37 1.34 -3.75	28.29 1.27 -3.46	25.92 1.23 -2.35	26.66 1.25 -3.14	25.33 1.29 -1.78	25.24 1.37 -0.68	25.11 1.48 -0.16	29.35 1.65 -3.46	33.51 1.86 -6.22	34.49 1.74 -7.22	35.29 1.93 -6.56	37.80 2.24 -8.57	39.35 2.47 -9.75	40.29 2.55 -10.61	40.35 2.89 -7.65	39.40 3.10 -3.36	43.73 3.64 0.78	42.61 2.87 -1.50	40.28 2.59 -1.20	38.53 2.45 -0.10	34.56 2.23 -0.94	31.85 2.10 -0.90	31.52 1.79 -2.95
NORTHPORT___IC 23718	33.68 1.88 -4.89	30.52 1.49 -3.75	28.48 1.46 -3.46	26.10 1.41 -2.35	26.86 1.45 -3.14	25.53 1.49 -1.78	25.47 1.60 -0.68	25.36 1.74 -0.16	29.52 1.82 -3.46	33.61 1.96 -6.22	34.69 1.94 -7.22	35.33 1.98 -6.55	37.85 2.29 -8.57	39.37 2.50 -9.75	40.42 2.69 -10.61	40.56 3.10 -7.65	39.50 3.36 -3.19	43.63 3.92 1.17	42.87 3.14 -1.50	40.57 2.88 -1.20	38.92 2.84 -0.10	34.78 2.45 -0.94	32.02 2.28 -0.90	31.68 1.95 -2.95
NORTH___COUNTRY_ESR 323785	26.61 -0.30 0.00	25.26 -0.03 0.00	23.51 -0.05 0.00	22.25 -0.09 0.00	22.19 -0.09 0.00	22.08 -0.18 0.00	23.00 -0.19 0.00	23.24 -0.23 0.00	24.00 -0.24 0.00	25.31 -0.13 0.00	25.36 -0.18 0.00	26.29 -0.51 0.00	26.12 -0.86 0.00	25.96 -1.17 0.00	25.82 -1.30 0.00	28.14 -1.67 0.00	31.20 -1.75 0.00	39.20 -1.68 0.00	36.86 -1.38 0.00	35.32 -1.17 0.00	35.08 -0.90 0.00	30.68 -0.72 0.00	28.29 -0.55 0.00	26.58 -0.19 0.00
NPX_GEN_1385_PROXY 323591	31.18 1.10 -3.17	29.84 0.81 -3.75	28.10 1.08 -3.46	26.03 1.34 -2.35	26.57 1.16 -3.14	25.42 1.38 -1.78	25.42 1.55 -0.68	25.27 1.64 -0.16	29.45 1.75 -3.46	33.30 1.65 -6.22	34.34 1.58 -7.22	34.69 1.34 -6.55	37.34 1.78 -8.57	38.91 2.04 -9.75	40.04 2.30 -10.61	40.53 3.07 -7.65	40.04 3.33 -3.76	43.03 3.89 1.73	42.80 3.06 -1.50	40.43 2.74 -1.20	38.85 2.77 -0.10	35.00 2.67 -0.94	32.05 2.31 -0.90	31.60 1.87 -2.95
NPX_GEN_CSC 323557	33.63 1.83 -4.89	30.40 1.36 -3.75	28.33 1.32 -3.46	25.94 1.25 -2.35	26.68 1.27 -3.14	25.37 1.34 -1.78	25.35 1.49 -0.68	25.15 1.52 -0.16	29.32 1.62 -3.46	33.58 1.93 -6.22	34.97 2.22 -7.22	37.10 2.44 -7.87	38.32 2.75 -8.58	39.86 2.98 -9.75	40.83 3.09 -10.62	40.98 3.52 -7.66	43.44 3.85 -6.64	62.17 4.58 -16.71	43.45 3.71 -1.50	40.93 3.25 -1.20	39.10 3.02 -0.10	35.16 2.83 -0.94	32.02 2.28 -0.90	31.62 1.90 -2.95
NSINS_S___GLNS_FALLS 23858	28.90 1.99 0.00	27.10 1.82 0.00	25.15 1.60 0.00	23.88 1.54 0.00	23.83 1.56 0.00	23.88 1.62 0.00	24.93 1.74 0.00	25.04 1.57 0.00	26.16 1.91 0.00	27.47 2.03 0.00	27.40 1.86 0.00	28.81 2.01 0.00	28.93 1.94 0.00	29.16 2.03 0.00	29.21 2.09 0.00	32.20 2.30 -0.10	35.58 2.64 0.00	44.31 3.43 0.00	48.61 3.75 -6.62	45.38 3.58 -5.32	40.87 3.74 -1.15	34.60 3.20 0.00	31.61 2.77 0.00	28.99 2.22 0.00
NUCOR_STEEL___DRP 24197	26.85 -0.05 0.00	25.13 -0.15 0.00	23.39 -0.16 0.00	22.14 -0.20 0.00	22.05 -0.22 0.00	22.06 -0.20 0.00	22.95 -0.23 0.00	23.24 -0.23 0.00	23.93 -0.32 0.00	25.05 -0.38 0.00	25.05 -0.49 0.00	26.39 -0.40 0.00	26.69 -0.30 0.00	26.88 -0.24 0.00	26.85 -0.27 0.00	29.55 -0.27 -0.01	32.75 -0.20 0.00	40.37 -0.29 0.22	38.05 -0.19 0.00	36.34 -0.15 0.00	35.83 -0.14 0.00	31.27 -0.13 0.00	28.81 -0.03 0.00	26.50 -0.27 0.00
NUMBER_THREE_WT_PWR 323818	26.69 -0.22 0.00	25.13 -0.15 0.00	23.39 -0.16 0.00	22.14 -0.20 0.00	22.03 -0.24 0.00	22.01 -0.24 0.00	22.95 -0.23 0.00	23.19 -0.28 0.00	23.88 -0.36 0.00	25.05 -0.38 0.00	25.10 -0.43 0.00	26.31 -0.48 0.00	26.50 -0.49 0.00	26.45 -0.68 0.00	26.26 -0.87 0.00	28.95 -0.87 0.00	32.09 -0.86 0.00	40.18 -0.70 0.00	37.78 -0.46 0.00	36.08 -0.40 0.00	35.58 -0.39 0.00	31.02 -0.38 0.00	28.58 -0.26 0.00	26.53 -0.24 0.00
NYISO_LBMP_REFERENCE 24008	26.91 0.00 0.00	25.28 0.00 0.00	23.55 0.00 0.00	22.34 0.00 0.00	22.28 0.00 0.00	22.26 0.00 0.00	23.19 0.00 0.00	23.47 0.00 0.00	24.24 0.00 0.00	25.43 0.00 0.00	25.54 0.00 0.00	26.80 0.00 0.00	26.99 0.00 0.00	27.13 0.00 0.00	27.13 0.00 0.00	29.81 0.00 0.00	32.95 0.00 0.00	40.87 0.00 0.00	38.24 0.00 0.00	36.48 0.00 0.00	35.98 0.00 0.00	31.40 0.00 0.00	28.84 0.00 0.00	26.77 0.00 0.00



NYPA_BRENTWD____GT 24164	34.11	30.85	28.73	26.37	27.08	25.78	25.70	25.57	29.78	34.02	35.23	37.32	38.56	40.14	41.11	41.31	48.48	67.31	43.75	41.34	39.53	35.47	32.54	32.10
	2.31	1.82	1.72	1.68	1.67	1.74	1.83	1.95	2.08	2.37	2.48	2.63	2.97	3.23	3.34	3.82	4.15	4.90	4.01	3.65	3.45	3.14	2.80	2.38
	-4.89	-3.75	-3.46	-2.35	-3.14	-1.78	-0.68	-0.16	-3.46	-6.22	-7.22	-7.90	-8.61	-9.78	-10.64	-7.69	-11.38	-21.53	-1.50	-1.20	-0.10	-0.94	-0.90	-2.95
NYPA_GOWANUS____GT5 24156	39.14	26.76	24.90	23.67	23.60	23.57	24.59	25.00	39.09	39.43	39.48	44.07	43.80	44.13	44.10	45.17	42.48	45.09	43.33	41.80	42.58	41.91	39.49	39.14
	1.96	1.47	1.34	1.32	1.31	1.31	1.39	1.52	1.67	1.96	2.09	2.33	2.62	2.87	2.96	3.40	3.56	4.21	3.59	3.35	3.17	2.64	2.37	1.98
	-10.27	-0.01	-0.01	-0.01	-0.01	0.00	-0.01	-0.01	-13.18	-12.04	-11.85	-14.94	-14.19	-14.13	-14.02	-11.96	-5.97	0.00	-1.50	-1.96	-3.44	-7.88	-8.28	-10.39
NYPA_GOWANUS____GT6 24157	39.14	26.76	24.90	23.67	23.60	23.57	24.59	25.00	39.09	39.43	39.48	44.07	43.80	44.13	44.10	45.17	42.48	45.09	43.33	41.80	42.58	41.91	39.49	39.14
	1.96	1.47	1.34	1.32	1.31	1.31	1.39	1.52	1.67	1.96	2.09	2.33	2.62	2.87	2.96	3.40	3.56	4.21	3.59	3.35	3.17	2.64	2.37	1.98
	-10.27	-0.01	-0.01	-0.01	-0.01	0.00	-0.01	-0.01	-13.18	-12.04	-11.85	-14.94	-14.19	-14.13	-14.02	-11.96	-5.97	0.00	-1.50	-1.96	-3.44	-7.88	-8.28	-10.39
NYPA_HARLEM__RVR__GT1 24160	28.84	26.60	24.73	23.50	23.43	23.35	24.36	24.80	25.74	27.20	27.45	28.93	29.41	29.80	29.89	33.00	36.23	44.62	42.94	40.71	38.91	33.77	30.97	28.62
	1.94	1.31	1.18	1.16	1.16	1.09	1.18	1.34	1.50	1.78	1.92	2.14	2.43	2.69	2.77	3.13	3.29	3.76	3.21	3.03	2.84	2.38	2.13	1.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.06	0.01	0.01	-1.49	-1.20	-0.10	0.01	0.00	0.00
NYPA_HARLEM__RVR__GT2 24161	28.84	26.60	24.73	23.50	23.43	23.35	24.36	24.80	25.74	27.20	27.45	28.93	29.41	29.80	29.89	33.00	36.23	44.62	42.94	40.71	38.91	33.77	30.97	28.62
	1.94	1.31	1.18	1.16	1.16	1.09	1.18	1.34	1.50	1.78	1.92	2.14	2.43	2.69	2.77	3.13	3.29	3.76	3.21	3.03	2.84	2.38	2.13	1.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.06	0.01	0.01	-1.49	-1.20	-0.10	0.01	0.00	0.00
NYPA_KENT____GT 24152	34.70	26.68	24.85	23.62	23.55	23.52	24.54	24.95	33.41	34.23	34.36	37.63	37.68	38.04	38.05	40.00	39.86	44.92	43.18	41.37	41.05	38.48	35.89	34.65
	1.91	1.39	1.29	1.27	1.27	1.27	1.34	1.48	1.62	1.91	2.04	2.28	2.57	2.82	2.90	3.31	3.49	4.05	3.44	3.25	3.06	2.58	2.31	1.93
	-5.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.55	-6.89	-6.78	-8.55	-8.13	-8.09	-8.02	-6.88	-3.42	0.00	-1.50	-1.64	-2.01	-4.51	-4.74	-5.95
NYPA_POUCH1____GT 24155	39.03	26.73	24.88	23.64	23.57	23.55	24.56	24.93	39.02	39.33	39.35	43.93	43.66	44.03	43.99	45.05	42.35	44.92	43.18	41.69	42.44	41.79	39.34	39.03
	1.86	1.44	1.32	1.30	1.29	1.29	1.37	1.46	1.60	1.86	1.97	2.20	2.48	2.77	2.85	3.28	3.43	4.05	3.44	3.25	3.02	2.51	2.22	1.87
	-10.27	-0.01	-0.01	-0.01	-0.01	0.00	-0.01	-0.01	-13.18	-12.04	-11.85	-14.94	-14.19	-14.13	-14.02	-11.96	-5.97	0.00	-1.50	-1.96	-3.44	-7.88	-8.28	-10.39
NYPA_VERNON____GT2 24162	30.25	26.60	24.78	23.55	23.48	23.46	24.46	24.90	27.75	29.03	29.25	31.19	31.56	31.94	32.01	34.85	37.24	44.84	43.11	40.97	39.55	35.05	32.29	30.15
	1.86	1.31	1.22	1.21	1.20	1.20	1.27	1.43	1.60	1.86	1.99	2.22	2.51	2.77	2.85	3.25	3.43	3.96	3.37	3.17	2.98	2.51	2.25	1.87
	-1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.91	-1.75	-1.72	-2.17	-2.06	-2.05	-2.03	-1.80	-0.87	0.00	-1.50	-1.31	-0.59	-1.14	-1.20	-1.51
NYPA_VERNON____GT3 24163	30.25	26.60	24.78	23.55	23.48	23.46	24.46	24.90	27.75	29.03	29.25	31.19	31.56	31.94	32.01	34.85	37.24	44.84	43.11	40.97	39.55	35.05	32.29	30.15
	1.86	1.31	1.22	1.21	1.20	1.20	1.27	1.43	1.60	1.86	1.99	2.22	2.51	2.77	2.85	3.25	3.43	3.96	3.37	3.17	2.98	2.51	2.25	1.87
	-1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.91	-1.75	-1.72	-2.17	-2.06	-2.05	-2.03	-1.80	-0.87	0.00	-1.50	-1.31	-0.59	-1.14	-1.20	-1.51
NYPA__ASTORIA_CC1 323568	28.74	26.57	24.73	23.52	23.46	23.41	24.44	24.85	25.79	27.26	27.48	28.97	29.47	29.86	29.92	33.07	36.31	44.76	43.03	40.79	38.99	33.85	31.03	28.59
	1.83	1.29	1.18	1.18	1.18	1.16	1.25	1.38	1.55	1.83	1.94	2.17	2.48	2.74	2.79	3.19	3.36	3.89	3.29	3.10	2.91	2.45	2.19	1.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	-1.50	-1.20	-0.10	0.00	0.00	0.00
NYPA__ASTORIA_CC2 323569	28.74	26.57	24.73	23.52	23.46	23.41	24.44	24.85	25.79	27.26	27.48	28.97	29.47	29.86	29.92	33.07	36.31	44.76	43.03	40.79	38.99	33.85	31.03	28.59
	1.83	1.29	1.18	1.18	1.18	1.16	1.25	1.38	1.55	1.83	1.94	2.17	2.48	2.74	2.79	3.19	3.36	3.89	3.29	3.10	2.91	2.45	2.19	1.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	-1.50	-1.20	-0.10	0.00	0.00	0.00
NYPA__HOLTSVILL 23794	33.82	30.57	28.50	26.12	26.86	25.53	25.49	25.32	29.52	33.74	35.00	37.08	38.29	39.86	40.83	41.01	42.83	62.45	43.45	40.97	39.21	35.19	32.19	31.81
	2.02	1.54	1.48	1.43	1.45	1.49	1.62	1.69	1.82	2.09	2.25	2.41	2.72	2.98	3.09	3.55	3.82	4.54	3.71	3.28	3.13	2.86	2.45	2.09
	-4.89	-3.75	-3.46	-2.35	-3.14	-1.78	-0.68	-0.16	-3.46	-6.22	-7.22	-7.87	-8.58	-9.75	-10.62	-7.66	-6.06	-17.04	-1.50	-1.20	-0.10	-0.94	-0.90	-2.95
NYPA__HELLGATE_GT1 24158	28.84	26.60	24.73	23.50	23.43	23.35	24.36	24.80	25.74	27.20	27.45	28.93	29.41	29.80	29.89	33.00	36.23	44.62	42.94	40.71	38.91	33.77	30.97	28.62
	1.94	1.31	1.18	1.16	1.16	1.09	1.18	1.34	1.50	1.78	1.92	2.14	2.43	2.69	2.77	3.13	3.29	3.76	3.21	3.03	2.84	2.38	2.13	1.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.06	0.01	0.01	-1.49	-1.20	-0.10	0.01	0.00	0.00
NYPA__HELLGATE_GT2 24159	28.84	26.60	24.73	23.50	23.43	23.35	24.36	24.80	25.74	27.20	27.45	28.93	29.41	29.80	29.89	33.00	36.23	44.62	42.94	40.71	38.91	33.77	30.97	28.62
	1.94	1.31	1.18	1.16	1.16	1.09	1.18	1.34	1.50	1.78	1.92	2.14	2.43	2.69	2.77	3.13	3.29	3.76	3.21	3.03	2.84	2.38	2.13	1.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.06	0.01	0.01	-1.49	-1.20	-0.10	0.01	0.00	0.00
NYS_BARGE__HYD 23848	26.04	24.04	22.33	21.09	20.89	20.94	21.61	21.90	22.37	23.42	23.37	24.77	25.20	25.41	25.58	27.92	30.73	34.85	35.23	32.80	33.54	29.75	27.54	25.32
	-0.86	-1.24	-1.23	-1.25	-1.38	-1.31	-1.58	-1.57	-1.87	-2.01	-2.17	-1.93	-1.75	-1.68	-1.55	-1.88	-2.14	-3.15	-2.60	-2.52	-2.12	-1.63	-1.30	-1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.03	0.03	0.00	0.01	0.08	2.88	0.41	1.17	0.31	0.01	0.00	0.03



OAK ORCHARD___HYD 24046	26.37 -0.54 0.00	24.55 -0.73 0.00	22.78 -0.78 0.00	21.54 -0.80 0.00	21.41 -0.87 0.00	21.41 -0.85 0.00	22.23 -0.95 0.00	22.53 -0.94 0.00	23.13 -1.11 0.00	24.24 -1.19 0.00	24.24 -1.30 0.00	25.73 -0.96 0.10	26.03 -0.92 0.04	26.11 -0.98 0.04	26.23 -0.89 0.00	28.78 -1.01 0.01	31.90 -0.96 0.09	36.71 -1.39 2.78	36.45 -1.11 0.68	33.94 -1.09 1.45	34.81 -0.83 0.34	30.54 -0.85 0.01	28.18 -0.66 0.00	25.93 -0.80 0.04
OAKDALE___35_KV_LOAD 356122	27.12 0.22 0.00	25.28 0.00 0.00	23.55 0.00 0.00	22.30 -0.04 0.00	22.19 -0.09 0.00	22.21 -0.04 0.00	23.09 -0.09 0.00	23.38 -0.09 0.00	24.05 -0.19 0.00	25.18 -0.25 0.00	25.28 -0.26 0.00	26.50 -0.27 0.03	26.92 -0.05 0.01	27.14 0.03 0.01	27.21 0.08 0.00	29.85 0.03 -0.02	32.89 -0.03 0.02	39.47 -0.16 1.24	38.52 -0.08 -0.35	36.44 -0.07 -0.03	35.86 -0.07 0.05	31.55 0.16 0.00	29.04 0.20 0.00	26.71 -0.05 0.01
OCC_CHEM___DRP 24175	25.45 -1.45 0.00	23.59 -1.69 0.00	21.90 -1.65 0.00	20.69 -1.65 0.00	20.49 -1.78 0.00	20.56 -1.69 0.00	21.22 -1.97 0.00	21.43 -2.04 0.00	21.77 -2.47 0.00	22.81 -2.62 0.00	22.91 -2.63 0.00	24.34 -2.36 0.10	24.69 -2.27 0.03	24.90 -2.20 0.03	25.09 -2.03 0.00	27.42 -2.38 0.01	30.20 -2.67 0.08	34.01 -3.96 2.90	34.55 -3.29 0.40	32.04 -3.28 1.16	32.79 -2.88 0.31	29.13 -2.26 0.01	26.97 -1.87 0.00	24.86 -1.87 0.03
OH_GEN_PROXY 24063	25.78 -1.13 0.00	23.79 -1.49 0.00	22.09 -1.46 0.00	20.89 -1.45 0.00	20.69 -1.58 0.00	20.74 -1.51 0.00	21.42 -1.76 0.00	21.69 -1.78 0.00	22.18 -2.06 0.00	23.19 -2.24 0.00	23.16 -2.37 0.00	24.56 -2.14 0.10	24.93 -2.02 0.03	25.14 -1.95 0.03	25.34 -1.79 0.00	27.68 -2.12 0.01	31.00 -2.44 -0.49	33.90 -3.52 3.46	34.89 -2.94 0.41	32.46 -2.85 1.18	33.14 -2.52 0.31	29.41 -1.98 0.01	27.23 -1.61 0.00	25.08 -1.66 0.03
OLIN_CORP_DRP 24177	25.59 -1.32 0.00	23.71 -1.57 0.00	22.02 -1.53 0.00	20.80 -1.54 0.00	20.60 -1.67 0.00	20.65 -1.60 0.00	21.31 -1.88 0.00	21.55 -1.92 0.00	21.89 -2.35 0.00	22.91 -2.52 0.00	23.01 -2.53 0.00	24.42 -2.28 0.09	24.82 -2.13 0.03	25.00 -2.09 0.03	25.20 -1.93 0.00	27.53 -2.27 0.01	30.30 -2.57 0.08	34.18 -3.80 2.89	34.72 -3.14 0.39	32.24 -3.10 1.14	32.94 -2.73 0.30	29.28 -2.10 0.01	27.11 -1.73 0.00	24.97 -1.77 0.03
OLIN_CORP_DSASP 323712	25.56 -1.34 0.00	23.59 -1.69 0.00	21.90 -1.65 0.00	20.69 -1.65 0.00	20.49 -1.78 0.00	20.56 -1.69 0.00	21.22 -1.97 0.00	21.45 -2.02 0.00	21.94 -2.30 0.00	22.94 -2.49 0.00	22.91 -2.63 0.00	24.34 -2.36 0.10	24.69 -2.27 0.03	24.90 -2.20 0.03	25.09 -2.03 0.00	27.41 -2.39 0.01	30.13 -2.73 0.08	34.09 -3.88 2.90	34.55 -3.29 0.40	32.15 -3.17 1.16	32.86 -2.81 0.31	29.13 -2.26 0.01	26.97 -1.87 0.00	24.86 -1.87 0.03
ONEIDA_HERK_LFGE 323681	27.23 0.32 0.00	25.59 0.30 0.00	23.81 0.26 0.00	22.54 0.20 0.00	22.45 0.18 0.00	22.46 0.20 0.00	23.42 0.23 0.00	23.68 0.21 0.00	24.41 0.17 0.00	25.61 0.18 0.00	25.69 0.15 0.00	26.96 0.16 0.00	27.20 0.21 0.00	27.29 0.16 0.00	27.15 0.03 0.00	29.90 0.09 0.00	33.11 0.17 0.00	41.28 0.41 0.00	38.77 0.54 0.00	36.99 0.51 0.00	36.48 0.50 0.00	31.80 0.41 0.00	29.21 0.37 0.00	27.04 0.27 0.00
ONEIDA___115KV_TB4 55905	27.55 0.65 0.00	25.84 0.56 0.00	24.05 0.49 0.00	22.76 0.42 0.00	22.68 0.40 0.00	22.68 0.42 0.00	23.65 0.46 0.00	23.94 0.47 0.00	24.65 0.41 0.00	25.84 0.41 0.00	25.89 0.36 0.00	27.20 0.43 0.02	27.55 0.57 0.01	27.66 0.54 0.01	27.59 0.46 0.00	30.35 0.54 0.00	33.59 0.66 0.02	41.37 0.94 0.45	39.13 1.03 0.14	37.16 0.99 0.30	36.84 0.94 0.07	32.21 0.82 0.00	29.56 0.72 0.00	27.30 0.54 0.01
ONONDAGA_REF_OCCRA 23987	26.80 -0.11 0.00	25.08 -0.20 0.00	23.34 -0.21 0.00	22.12 -0.22 0.00	22.03 -0.25 0.00	22.03 -0.22 0.00	22.93 -0.26 0.00	23.24 -0.23 0.00	23.93 -0.32 0.00	25.05 -0.38 0.00	25.08 -0.46 0.00	26.34 -0.43 0.03	26.68 -0.30 0.01	26.84 -0.27 0.01	26.85 -0.27 0.00	29.54 -0.27 0.00	32.69 -0.23 0.03	40.19 -0.33 0.36	37.81 -0.23 0.20	35.83 -0.22 0.44	35.66 -0.22 0.10	31.21 -0.19 0.00	28.70 -0.14 0.00	26.44 -0.32 0.01
ONONDAGA___COGEN 23986	26.80 -0.11 0.00	25.08 -0.20 0.00	23.34 -0.21 0.00	22.12 -0.22 0.00	22.03 -0.25 0.00	22.03 -0.22 0.00	22.93 -0.26 0.00	23.21 -0.26 0.00	23.93 -0.32 0.00	25.05 -0.38 0.00	25.05 -0.49 0.00	26.37 -0.43 0.00	26.66 -0.32 0.00	26.83 -0.30 0.00	26.83 -0.30 0.00	29.52 -0.30 -0.01	32.68 -0.26 0.00	40.51 -0.37 0.00	37.97 -0.27 0.00	36.23 -0.26 0.00	35.72 -0.25 0.00	31.18 -0.22 0.00	28.70 -0.14 0.00	26.45 -0.32 0.00
ONTARIO___LFGE 23819	26.96 0.05 0.00	25.11 -0.18 0.00	23.34 -0.21 0.00	22.07 -0.27 0.00	21.92 -0.36 0.00	21.94 -0.31 0.00	22.81 -0.37 0.00	23.12 -0.35 0.00	23.73 -0.51 0.00	24.87 -0.56 0.00	24.85 -0.69 0.00	26.12 -0.62 0.06	26.51 -0.46 0.02	26.72 -0.38 0.02	26.75 -0.38 0.00	29.36 -0.45 0.00	32.50 -0.39 0.05	37.64 -0.57 2.66	37.54 -0.50 0.20	35.48 -0.29 0.71	35.56 -0.21 0.20	31.30 -0.09 0.01	28.84 0.00 0.00	26.40 -0.35 0.02
ORANGEVILLE_WT_PWR 323706	26.50 -0.40 0.00	24.50 -0.78 0.00	22.78 -0.78 0.00	21.47 -0.87 0.00	21.27 -1.00 0.00	21.32 -0.93 0.00	22.03 -1.16 0.00	22.30 -1.17 0.00	22.79 -1.45 0.00	23.86 -1.58 0.00	23.75 -1.79 0.00	24.84 -1.88 0.08	25.34 -1.62 0.03	25.61 -1.49 0.03	25.74 -1.38 0.00	28.08 -1.73 0.00	30.84 -2.04 0.07	35.08 -2.82 2.98	35.74 -2.26 0.25	33.47 -2.12 0.90	33.92 -1.80 0.26	30.26 -1.13 0.01	28.00 -0.84 0.00	25.67 -1.07 0.03
ORANGEVILLE___ESR 323794	26.50 -0.40 0.00	24.50 -0.78 0.00	22.78 -0.78 0.00	21.47 -0.87 0.00	21.27 -1.00 0.00	21.32 -0.93 0.00	22.03 -1.16 0.00	22.30 -1.17 0.00	22.79 -1.45 0.00	23.86 -1.58 0.00	23.75 -1.79 0.00	24.84 -1.88 0.08	25.34 -1.62 0.03	25.61 -1.49 0.03	25.74 -1.38 0.00	28.08 -1.73 0.00	30.84 -2.04 0.07	35.08 -2.82 2.98	35.74 -2.26 0.25	33.47 -2.12 0.90	33.92 -1.80 0.26	30.26 -1.13 0.01	28.00 -0.84 0.00	25.67 -1.07 0.03
OSWEGATCHIE___HYD 24044	26.34 -0.57 0.00	24.93 -0.35 0.00	23.20 -0.35 0.00	21.96 -0.38 0.00	21.87 -0.40 0.00	21.81 -0.44 0.00	22.77 -0.42 0.00	23.00 -0.47 0.00	23.71 -0.53 0.00	24.92 -0.51 0.00	25.00 -0.54 0.00	26.10 -0.70 0.00	26.18 -0.81 0.00	26.10 -1.03 0.00	25.93 -1.19 0.00	28.50 -1.31 0.00	31.63 -1.32 0.00	39.61 -1.27 0.00	37.21 -1.03 0.00	35.57 -0.91 0.00	35.15 -0.83 0.00	30.64 -0.75 0.00	28.18 -0.66 0.00	26.26 -0.51 0.00
OSWEGO___5 23606	26.45 -0.46 0.00	24.75 -0.53 0.00	23.06 -0.50 0.00	21.85 -0.49 0.00	21.76 -0.51 0.00	21.77 -0.49 0.00	22.65 -0.53 0.00	22.93 -0.54 0.00	23.64 -0.61 0.00	24.69 -0.74 0.00	24.77 -0.77 0.00	26.35 -0.75 -0.30	26.39 -0.70 -0.11	26.56 -0.68 -0.11	26.45 -0.68 0.00	29.13 -0.74 -0.07	32.45 -0.76 -0.25	46.12 -0.98 -6.23	39.34 -0.88 -1.98	39.89 -0.84 -4.24	36.16 -0.79 -0.98	30.70 -0.72 -0.03	28.21 -0.63 0.00	26.18 -0.70 -0.11



OSWEGO___6 23613	26.45 -0.46 0.00	24.75 -0.53 0.00	23.06 -0.50 0.00	21.85 -0.49 0.00	21.76 -0.51 0.00	21.77 -0.49 0.00	22.65 -0.53 0.00	22.93 -0.54 0.00	23.64 -0.61 0.00	24.69 -0.74 0.00	24.77 -0.77 0.00	26.35 -0.75 -0.30	26.39 -0.70 -0.11	26.56 -0.68 -0.11	26.45 -0.68 0.00	29.13 -0.74 -0.07	32.45 -0.76 -0.25	46.12 -0.98 -6.23	39.34 -0.88 -1.98	39.89 -0.84 -4.24	36.16 -0.79 -0.98	30.70 -0.72 -0.03	28.21 -0.63 0.00	26.18 -0.70 -0.11
OUTOKUMPU-AB___DRP 24206	26.15 -0.75 0.00	24.22 -1.06 0.00	22.49 -1.06 0.00	21.25 -1.09 0.00	21.03 -1.25 0.00	21.10 -1.16 0.00	21.77 -1.41 0.00	22.01 -1.46 0.00	22.35 -1.89 0.00	23.42 -2.01 0.00	23.54 -1.99 0.00	24.88 -1.82 0.09	25.36 -1.59 0.03	25.57 -1.52 0.03	25.77 -1.36 0.00	28.10 -1.70 0.01	30.89 -1.98 0.08	34.91 -3.07 2.90	35.41 -2.45 0.38	32.95 -2.41 1.13	33.62 -2.05 0.30	29.94 -1.44 0.01	27.72 -1.12 0.00	25.48 -1.26 0.03
OXBOW___BTM 323836	25.91 -0.99 0.00	23.92 -1.37 0.00	22.21 -1.34 0.00	20.98 -1.36 0.00	20.76 -1.52 0.00	20.83 -1.42 0.00	21.49 -1.69 0.00	21.76 -1.71 0.00	22.23 -2.01 0.00	23.27 -2.16 0.00	23.24 -2.30 0.00	24.64 -2.06 0.09	25.04 -1.92 0.03	25.28 -1.82 0.03	25.44 -1.68 0.00	27.77 -2.03 0.01	30.53 -2.34 0.08	34.54 -3.43 2.90	35.02 -2.83 0.39	32.61 -2.74 1.14	33.26 -2.41 0.31	29.54 -1.85 0.01	27.34 -1.50 0.00	25.18 -1.55 0.03
OXBOW____ 24026	25.80 -1.10 0.00	23.92 -1.37 0.00	22.21 -1.34 0.00	20.98 -1.36 0.00	20.76 -1.51 0.00	20.83 -1.42 0.00	21.49 -1.69 0.00	21.73 -1.74 0.00	22.06 -2.18 0.00	23.12 -2.31 0.00	23.24 -2.30 0.00	24.64 -2.06 0.09	25.04 -1.92 0.03	25.25 -1.84 0.03	25.44 -1.68 0.00	27.77 -2.03 0.01	30.56 -2.31 0.08	34.50 -3.47 2.90	35.02 -2.83 0.39	32.53 -2.81 1.14	33.22 -2.45 0.31	29.54 -1.85 0.01	27.34 -1.50 0.00	25.18 -1.55 0.03
OXY_CHEM_DSASP 323612	25.45 -1.45 0.00	23.59 -1.69 0.00	21.90 -1.65 0.00	20.69 -1.65 0.00	20.49 -1.78 0.00	20.56 -1.69 0.00	21.22 -1.97 0.00	21.43 -2.04 0.00	21.77 -2.47 0.00	22.81 -2.62 0.00	22.91 -2.63 0.00	24.34 -2.36 0.10	24.69 -2.27 0.03	24.90 -2.20 0.03	25.09 -2.03 0.00	27.42 -2.38 0.01	30.20 -2.67 0.08	34.01 -3.96 2.90	34.55 -3.29 0.40	32.04 -3.28 1.16	32.79 -2.88 0.31	29.13 -2.26 0.01	26.97 -1.87 0.00	24.86 -1.87 0.03
OZONE_PARK_ESR 323760	28.84 1.94 0.00	26.67 1.39 0.00	24.85 1.30 0.00	23.61 1.27 0.00	23.57 1.29 0.00	23.55 1.29 0.00	24.60 1.41 0.00	25.04 1.57 0.00	25.94 1.70 0.00	27.34 1.91 0.00	27.66 2.12 0.00	29.18 2.38 0.00	29.69 2.70 0.00	30.03 2.90 0.00	30.14 3.01 0.00	33.31 3.43 -0.07	36.57 3.62 0.00	45.17 4.29 0.00	43.45 3.71 -1.50	41.12 3.43 -1.20	39.32 3.24 -0.10	34.10 2.70 0.00	31.26 2.42 0.00	28.78 2.01 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	25.45 -1.45 0.00	23.59 -1.69 0.00	21.90 -1.65 0.00	20.69 -1.65 0.00	20.49 -1.78 0.00	20.56 -1.69 0.00	21.22 -1.97 0.00	21.43 -2.04 0.00	21.77 -2.47 0.00	22.81 -2.62 0.00	22.91 -2.63 0.00	24.34 -2.36 0.10	24.69 -2.27 0.03	24.90 -2.20 0.03	25.09 -2.03 0.00	27.42 -2.38 0.01	30.20 -2.67 0.08	34.01 -3.96 2.90	34.55 -3.29 0.40	32.04 -3.28 1.16	32.79 -2.88 0.31	29.13 -2.26 0.01	26.97 -1.87 0.00	24.86 -1.87 0.03
PACKARD__115KV_DUPONT_184 80571	25.45 -1.45 0.00	23.59 -1.69 0.00	21.90 -1.65 0.00	20.69 -1.65 0.00	20.49 -1.78 0.00	20.56 -1.69 0.00	21.22 -1.97 0.00	21.43 -2.04 0.00	21.77 -2.47 0.00	22.81 -2.62 0.00	22.91 -2.63 0.00	24.34 -2.36 0.10	24.69 -2.27 0.03	24.90 -2.20 0.03	25.09 -2.03 0.00	27.42 -2.38 0.01	30.20 -2.67 0.08	34.01 -3.96 2.90	34.55 -3.29 0.40	32.04 -3.28 1.16	32.79 -2.88 0.31	29.13 -2.26 0.01	26.97 -1.87 0.00	24.86 -1.87 0.03
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	28.79 1.88 0.00	26.57 1.29 0.00	24.73 1.18 0.00	23.50 1.16 0.00	23.43 1.16 0.00	23.32 1.07 0.00	24.35 1.16 0.00	24.76 1.29 0.00	25.67 1.43 0.00	27.06 1.63 0.00	27.38 1.84 0.00	28.86 2.06 0.00	29.36 2.37 0.00	29.70 2.58 0.00	29.81 2.69 0.00	32.95 3.07 -0.07	36.18 3.23 0.00	44.59 3.72 0.00	42.87 3.14 -1.50	40.64 2.96 -1.20	38.89 2.81 -0.10	33.72 2.32 0.00	30.95 2.11 0.00	28.59 1.82 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	29.06 2.15 0.00	26.82 1.54 0.00	24.97 1.41 0.00	23.73 1.39 0.00	23.66 1.38 0.00	23.57 1.31 0.00	24.58 1.39 0.00	25.02 1.55 0.00	25.89 1.65 0.00	27.29 1.86 0.00	27.61 2.07 0.00	29.10 2.30 0.00	29.61 2.62 0.00	29.97 2.85 0.00	30.08 2.96 0.00	33.25 3.37 -0.07	36.47 3.53 0.00	45.00 4.13 0.00	43.26 3.52 -1.50	40.97 3.28 -1.20	39.25 3.17 -0.10	34.03 2.64 0.00	31.23 2.39 0.00	28.88 2.11 0.00
PATROON__115KV_TB1 80586	27.34 0.43 0.00	25.61 0.33 0.00	23.86 0.31 0.00	22.72 0.38 0.00	22.68 0.40 0.00	22.70 0.45 0.00	23.67 0.49 0.00	23.94 0.47 0.00	24.82 0.58 0.00	25.99 0.56 0.00	26.23 0.69 0.00	27.52 0.72 0.00	27.85 0.86 0.00	28.08 0.95 0.00	28.13 1.00 0.00	31.04 1.13 -0.09	34.20 1.25 0.00	42.35 1.47 0.00	44.52 1.34 -4.94	41.73 1.28 -3.96	37.95 1.19 -0.79	32.40 1.00 0.00	29.71 0.87 0.00	27.41 0.64 0.00
PATTRSNVILLE__SOLAR 323815	28.12 1.21 0.00	26.29 1.01 0.00	24.47 0.92 0.00	23.23 0.89 0.00	23.17 0.89 0.00	23.19 0.93 0.00	24.16 0.97 0.00	24.38 0.91 0.00	25.23 0.99 0.00	26.37 0.94 0.00	26.43 0.89 0.00	27.76 0.96 0.00	28.07 1.08 0.00	28.32 1.19 0.00	28.35 1.22 0.00	31.37 1.46 -0.10	34.66 1.71 0.00	43.20 2.33 0.00	47.73 2.29 -7.19	44.45 2.19 -5.78	39.37 2.12 -1.27	33.25 1.85 0.00	30.45 1.61 0.00	28.05 1.28 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	26.64 -0.27 0.00	24.68 -0.61 0.00	22.94 -0.61 0.00	21.65 -0.69 0.00	21.45 -0.82 0.00	21.54 -0.71 0.00	22.21 -0.97 0.00	22.44 -1.03 0.00	22.79 -1.45 0.00	23.86 -1.58 0.00	24.00 -1.53 0.00	24.65 -2.06 0.09	25.55 -1.40 0.03	25.87 -1.22 0.03	26.20 -0.92 0.00	28.22 -1.58 0.01	30.60 -2.27 0.07	34.70 -3.27 2.91	35.21 -2.72 0.31	32.84 -2.63 1.02	33.32 -2.37 0.28	30.45 -0.94 0.01	28.18 -0.66 0.00	25.53 -1.20 0.03
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	28.60 1.70 0.00	26.57 1.29 0.00	24.78 1.22 0.00	23.52 1.18 0.00	23.50 1.23 0.00	23.48 1.22 0.00	24.46 1.28 0.00	24.83 1.36 0.00	25.74 1.50 0.00	27.19 1.75 0.00	27.50 1.97 0.00	28.94 2.14 0.00	29.44 2.46 0.00	29.81 2.69 0.00	29.89 2.77 0.00	33.07 3.19 -0.07	36.34 3.39 0.00	45.00 4.13 0.00	43.33 3.56 -1.53	41.03 3.32 -1.23	39.11 3.02 -0.11	33.94 2.54 0.00	31.03 2.19 0.00	28.59 1.82 0.00
PEEKSKILL____ 23653	28.36 1.45 0.00	26.32 1.04 0.00	24.54 0.99 0.00	23.30 0.96 0.00	23.25 0.98 0.00	23.28 1.02 0.00	24.25 1.07 0.00	24.64 1.17 0.00	25.57 1.33 0.00	27.01 1.58 0.00	27.22 1.69 0.00	28.64 1.85 0.00	29.12 2.13 0.00	29.49 2.36 0.00	29.54 2.41 0.00	32.65 2.77 -0.07	35.88 2.93 0.00	44.31 3.43 0.00	42.63 2.90 -1.48	40.37 2.70 -1.19	38.56 2.48 -0.10	33.53 2.14 0.00	30.74 1.90 0.00	28.32 1.55 0.00



PGE MADISON___WINDPWR 24146	29.17 2.26 0.00	27.31 2.02 0.00	25.39 1.84 0.00	23.95 1.61 0.00	23.79 1.52 0.00	23.84 1.58 0.00	24.97 1.79 0.00	25.23 1.76 0.00	25.84 1.60 0.00	27.08 1.65 0.00	26.99 1.45 0.00	28.33 1.55 0.02	28.90 1.92 0.01	29.02 1.90 0.01	28.64 1.52 0.00	31.58 1.76 -0.02	35.04 2.11 0.02	45.59 3.15 -1.57	42.17 3.40 -0.53	39.98 3.28 -0.21	39.17 3.20 0.01	34.19 2.79 0.00	31.23 2.39 0.00	28.58 1.82 0.01
PIERCEFIELD___HYD 23852	26.42 -0.48 0.00	25.11 -0.18 0.00	23.36 -0.19 0.00	22.12 -0.22 0.00	22.05 -0.22 0.00	21.97 -0.29 0.00	22.95 -0.23 0.00	23.16 -0.31 0.00	23.90 -0.34 0.00	25.18 -0.25 0.00	25.26 -0.28 0.00	26.29 -0.51 0.00	26.21 -0.78 0.00	26.12 -1.00 0.00	25.96 -1.17 0.00	28.41 -1.40 0.00	31.53 -1.42 0.00	39.53 -1.35 0.00	37.09 -1.15 0.00	35.50 -0.99 0.00	35.15 -0.83 0.00	30.64 -0.75 0.00	28.18 -0.66 0.00	26.39 -0.37 0.00
PINELAWN_CC_1 323563	34.01 2.21 -4.89	30.73 1.69 -3.75	28.62 1.60 -3.46	26.25 1.56 -2.35	26.97 1.56 -3.14	25.64 1.60 -1.78	25.56 1.69 -0.68	25.44 1.81 -0.16	29.66 1.96 -3.46	33.86 2.21 -6.22	34.87 2.12 -7.22	36.94 2.28 -7.87	38.13 2.57 -8.58	39.70 2.82 -9.76	40.67 2.93 -10.62	40.80 3.34 -7.66	41.48 3.62 -4.91	48.58 4.13 -3.58	43.06 3.33 -1.50	40.83 3.14 -1.20	39.06 2.98 -0.10	35.10 2.76 -0.94	32.42 2.68 -0.90	31.97 2.25 -2.95
PJM_GEN_HTP_PROXY 323702	28.57 1.67 0.00	26.45 1.16 0.00	24.66 1.11 0.00	23.41 1.07 0.00	23.37 1.09 0.00	23.37 1.11 0.00	24.39 1.20 0.00	24.81 1.34 0.00	25.74 1.50 0.00	27.21 1.78 0.00	27.43 1.89 0.00	28.91 2.12 0.00	29.39 2.40 0.00	29.79 2.66 0.00	29.84 2.71 0.00	32.95 3.07 -0.07	36.78 3.26 -0.57	44.11 3.80 0.57	42.99 3.25 -1.50	40.68 2.99 -1.20	38.85 2.77 -0.10	33.78 2.38 0.00	30.97 2.13 0.00	28.51 1.74 0.00
PJM_GEN_KEystone 24065	27.33 0.43 0.00	25.33 0.05 0.00	23.60 0.05 0.00	22.34 0.00 0.00	22.25 -0.02 0.00	22.28 0.02 0.00	23.14 -0.05 0.00	23.47 0.00 0.00	24.19 -0.05 0.00	25.46 0.03 0.00	25.56 0.03 0.00	26.81 0.05 0.04	27.35 0.38 0.01	27.68 0.57 0.01	27.78 0.65 0.00	30.50 0.65 -0.04	33.98 0.49 -0.54	39.25 0.29 1.91	39.14 0.23 -0.67	36.91 0.22 -0.21	36.10 0.18 0.06	31.80 0.41 0.00	29.30 0.46 0.00	26.92 0.16 0.01
PJM_GEN_NEPTUNE_PROXY 323594	31.36 1.83 -2.63	28.66 1.36 -2.01	26.70 1.29 -1.86	24.85 1.25 -1.26	25.23 1.27 -1.68	24.53 1.31 -0.96	24.94 1.39 -0.37	25.06 1.50 -0.08	27.75 1.65 -1.86	30.68 1.91 -3.34	31.42 2.02 -3.87	33.21 2.20 -4.22	34.07 2.48 -4.60	35.10 2.74 -5.23	35.61 2.79 -5.69	37.11 3.16 -4.14	38.91 3.36 -2.60	44.27 3.96 0.57	42.99 3.25 -1.50	40.64 2.95 -1.20	38.92 2.84 -0.10	34.44 2.54 -0.50	31.60 2.28 -0.48	30.25 1.90 -1.58
PJM_GEN_VFT_PROXY 323633	28.49 1.59 0.00	26.34 1.06 0.00	24.54 0.99 0.00	23.32 0.98 0.00	23.28 1.00 0.00	23.28 1.02 0.00	24.30 1.11 0.00	24.74 1.27 0.00	25.67 1.43 0.00	27.14 1.70 0.00	27.35 1.81 0.00	28.83 2.04 0.00	29.33 2.35 0.00	29.70 2.58 0.00	29.79 2.66 0.00	32.89 3.01 -0.07	36.71 3.20 -0.57	43.91 3.60 0.57	42.84 3.10 -1.50	40.57 2.88 -1.20	38.74 2.66 -0.10	33.66 2.26 0.00	30.86 2.02 0.00	28.43 1.66 0.00
PLATSBURG_115KV_PMLD1 355749	27.01 0.11 0.00	25.59 0.30 0.00	23.81 0.26 0.00	22.54 0.20 0.00	22.45 0.18 0.00	22.37 0.11 0.00	23.30 0.12 0.00	23.52 0.05 0.00	24.29 0.05 0.00	25.64 0.20 0.00	25.69 0.15 0.00	26.61 -0.19 0.00	26.42 -0.57 0.00	26.29 -0.84 0.00	26.10 -1.03 0.00	28.38 -1.43 0.00	31.47 -1.48 0.00	39.61 -1.27 0.00	37.28 -0.96 0.00	35.75 -0.73 0.00	35.54 -0.43 0.00	31.08 -0.31 0.00	28.64 -0.20 0.00	26.90 0.13 0.00
PLEASANTVLY___LBMP 24000	28.14 1.24 0.00	26.17 0.88 0.00	24.40 0.85 0.00	23.19 0.85 0.00	23.17 0.89 0.00	23.15 0.89 0.00	24.14 0.95 0.00	24.50 1.03 0.00	25.38 1.14 0.00	26.70 1.27 0.00	26.99 1.46 0.00	28.40 1.61 0.00	28.85 1.86 0.00	29.16 2.03 0.00	29.24 2.12 0.00	32.30 2.41 -0.08	35.49 2.54 0.00	43.86 2.98 0.00	42.41 2.56 -1.61	40.18 2.41 -1.29	38.32 2.23 -0.11	33.28 1.88 0.00	30.51 1.67 0.00	28.13 1.37 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	28.44 1.53 0.00	26.39 1.11 0.00	24.59 1.04 0.00	23.37 1.03 0.00	23.32 1.05 0.00	23.32 1.07 0.00	24.32 1.14 0.00	24.71 1.24 0.00	25.60 1.36 0.00	26.98 1.55 0.00	27.27 1.74 0.00	28.73 1.93 0.00	29.20 2.21 0.00	29.54 2.41 0.00	29.62 2.50 0.00	32.74 2.86 -0.07	35.98 3.03 0.00	44.47 3.60 0.00	42.81 3.06 -1.51	40.54 2.85 -1.21	38.71 2.63 -0.10	33.66 2.26 0.00	30.83 1.99 0.00	28.40 1.63 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	28.44 1.53 0.00	26.39 1.11 0.00	24.59 1.04 0.00	23.37 1.03 0.00	23.32 1.05 0.00	23.32 1.07 0.00	24.32 1.14 0.00	24.71 1.24 0.00	25.60 1.36 0.00	26.98 1.55 0.00	27.27 1.74 0.00	28.73 1.93 0.00	29.20 2.21 0.00	29.54 2.41 0.00	29.62 2.50 0.00	32.74 2.86 -0.07	35.98 3.03 0.00	44.47 3.60 0.00	42.81 3.06 -1.51	40.54 2.85 -1.21	38.71 2.63 -0.10	33.66 2.26 0.00	30.83 1.99 0.00	28.40 1.63 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.33 1.43 0.00	26.37 1.09 0.00	24.59 1.04 0.00	23.35 1.01 0.00	23.32 1.05 0.00	23.30 1.05 0.00	24.25 1.07 0.00	24.60 1.13 0.00	25.50 1.26 0.00	26.86 1.42 0.00	27.15 1.61 0.00	28.54 1.74 0.00	29.01 2.02 0.00	29.32 2.20 0.00	29.40 2.28 0.00	32.48 2.59 -0.07	35.75 2.80 0.00	44.27 3.39 0.00	42.75 2.91 -1.60	40.51 2.74 -1.29	38.61 2.52 -0.12	33.53 2.13 0.00	30.74 1.90 0.00	28.32 1.55 0.00
POLETTI___ 23519	24.61 1.64 3.93	26.47 1.19 0.00	24.66 1.11 0.00	23.43 1.09 0.00	23.37 1.09 0.00	23.39 1.14 0.00	24.39 1.21 0.00	24.83 1.36 0.00	25.72 1.48 0.00	27.11 1.68 0.00	27.40 1.86 0.00	28.89 2.09 0.00	29.36 2.37 0.00	29.73 2.60 0.00	29.81 2.69 0.00	32.95 3.07 -0.07	36.18 3.23 0.00	44.64 3.76 0.00	42.95 3.21 -1.50	40.68 2.99 -1.20	38.85 2.77 -0.10	33.75 2.35 0.00	30.95 2.11 0.00	28.48 1.71 0.00
POMONA___ESR 323819	28.38 1.48 0.00	26.34 1.06 0.00	24.54 0.99 0.00	23.30 0.96 0.00	23.25 0.98 0.00	23.28 1.02 0.00	24.25 1.07 0.00	24.62 1.15 0.00	25.52 1.28 0.00	26.96 1.53 0.00	27.20 1.66 0.00	28.62 1.82 0.00	29.09 2.11 0.00	29.43 2.30 0.00	29.51 2.39 0.00	32.59 2.71 -0.07	35.81 2.87 0.00	44.23 3.35 0.00	42.54 2.87 -1.43	40.29 2.66 -1.15	38.52 2.45 -0.10	33.50 2.10 0.00	30.71 1.87 0.00	28.32 1.55 0.00
PORT_JEFF_3 23555	33.90 2.10 -4.89	30.65 1.62 -3.75	28.57 1.55 -3.46	26.19 1.50 -2.35	26.93 1.52 -3.14	25.60 1.56 -1.78	25.54 1.67 -0.68	25.39 1.76 -0.16	29.59 1.89 -3.46	33.81 2.16 -6.22	35.13 2.38 -7.22	37.21 2.55 -7.87	38.42 2.86 -8.58	40.00 3.12 -9.75	40.97 3.23 -10.62	41.16 3.70 -7.66	43.00 4.02 -6.04	63.08 4.74 -17.47	43.64 3.90 -1.50	41.16 3.47 -1.20	39.35 3.27 -0.10	35.35 3.01 -0.94	32.31 2.57 -0.90	31.92 2.20 -2.95



PORT_JEFF_4 23616	33.90 2.10 -4.89	30.65 1.62 -3.75	28.57 1.55 -3.46	26.19 1.50 -2.35	26.93 1.52 -3.14	25.60 1.56 -1.78	25.54 1.67 -0.68	25.39 1.76 -0.16	29.59 1.89 -3.46	33.81 2.16 -6.22	35.13 2.38 -7.22	37.21 2.55 -7.87	38.42 2.86 -8.58	40.00 3.12 -9.75	40.97 3.23 -10.62	41.16 3.70 -7.66	43.00 4.02 -6.04	63.08 4.74 -17.47	43.64 3.90 -1.50	41.16 3.47 -1.20	39.35 3.27 -0.10	35.35 3.01 -0.94	32.31 2.57 -0.90	31.92 2.20 -2.95
PORT_JEFF_IC 23713	33.92 2.13 -4.89	30.67 1.64 -3.75	28.59 1.58 -3.46	26.21 1.52 -2.35	26.95 1.54 -3.14	25.62 1.58 -1.78	25.56 1.69 -0.68	25.41 1.78 -0.16	29.59 1.89 -3.46	33.74 2.09 -6.22	35.15 2.40 -7.22	37.26 2.60 -7.87	38.51 2.94 -8.58	40.00 3.12 -9.75	41.05 3.31 -10.62	41.25 3.79 -7.66	42.91 4.09 -5.87	64.60 4.86 -18.86	43.75 4.02 -1.50	41.34 3.65 -1.20	39.57 3.49 -0.10	35.41 3.08 -0.94	32.34 2.60 -0.90	31.94 2.22 -2.95
PPL PILGRIM_ST_GT1 24216	34.11 2.31 -4.89	30.85 1.82 -3.75	28.73 1.72 -3.46	26.37 1.68 -2.35	27.08 1.67 -3.14	25.78 1.74 -1.78	25.70 1.83 -0.68	25.57 1.95 -0.16	29.78 2.08 -3.46	34.02 2.37 -6.22	35.23 2.48 -7.22	37.32 2.63 -7.90	38.56 2.97 -8.61	40.14 3.23 -9.78	41.11 3.34 -10.64	41.31 3.82 -7.69	48.48 4.15 -11.38	67.31 4.90 -21.53	43.75 4.01 -1.50	41.34 3.65 -1.20	39.53 3.45 -0.10	35.47 3.14 -0.94	32.54 2.80 -0.90	32.10 2.38 -2.95
PPL PILGRIM_ST_GT2 24217	34.11 2.31 -4.89	30.85 1.82 -3.75	28.73 1.72 -3.46	26.37 1.68 -2.35	27.08 1.67 -3.14	25.78 1.74 -1.78	25.70 1.83 -0.68	25.57 1.95 -0.16	29.78 2.08 -3.46	34.02 2.37 -6.22	35.23 2.48 -7.22	37.32 2.63 -7.90	38.56 2.97 -8.61	40.14 3.23 -9.78	41.11 3.34 -10.64	41.31 3.82 -7.69	48.48 4.15 -11.38	67.31 4.90 -21.53	43.75 4.01 -1.50	41.34 3.65 -1.20	39.53 3.45 -0.10	35.47 3.14 -0.94	32.54 2.80 -0.90	32.10 2.38 -2.95
PPL_SHRM_GT3 24213	33.65 1.86 -4.89	30.42 1.39 -3.75	28.36 1.34 -3.46	25.96 1.27 -2.35	26.70 1.29 -3.14	25.40 1.36 -1.78	25.37 1.51 -0.68	25.18 1.55 -0.16	29.35 1.65 -3.46	33.58 1.93 -6.22	35.00 2.25 -7.22	37.13 2.46 -7.87	38.35 2.78 -8.58	39.89 3.01 -9.75	40.86 3.12 -10.62	41.04 3.58 -7.66	42.91 3.92 -6.04	63.27 4.66 -17.73	43.49 3.75 -1.50	41.01 3.32 -1.20	39.17 3.09 -0.10	35.22 2.89 -0.94	32.05 2.31 -0.90	31.68 1.95 -2.95
PPL_SHRM_GT4 24214	33.65 1.86 -4.89	30.42 1.39 -3.75	28.36 1.34 -3.46	25.96 1.27 -2.35	26.70 1.29 -3.14	25.40 1.36 -1.78	25.37 1.51 -0.68	25.18 1.55 -0.16	29.35 1.65 -3.46	33.58 1.93 -6.22	35.00 2.25 -7.22	37.13 2.46 -7.87	38.35 2.78 -8.58	39.89 3.01 -9.75	40.86 3.12 -10.62	41.04 3.58 -7.66	42.91 3.92 -6.04	63.27 4.66 -17.73	43.49 3.75 -1.50	41.01 3.32 -1.20	39.17 3.09 -0.10	35.22 2.89 -0.94	32.05 2.31 -0.90	31.68 1.95 -2.95
PROJECT___ORANGE 1 24174	26.72 -0.19 0.00	25.00 -0.28 0.00	23.27 -0.28 0.00	22.05 -0.29 0.00	21.96 -0.31 0.00	21.97 -0.29 0.00	22.86 -0.32 0.00	23.14 -0.33 0.00	23.85 -0.39 0.00	24.97 -0.46 0.00	24.97 -0.56 0.00	26.24 -0.51 0.04	26.57 -0.40 0.02	26.73 -0.38 0.02	26.75 -0.38 0.00	29.42 -0.39 0.00	32.55 -0.36 0.04	39.50 -0.49 0.89	37.58 -0.38 0.28	35.48 -0.40 0.60	35.44 -0.40 0.14	31.08 -0.31 0.00	28.58 -0.26 0.00	26.33 -0.43 0.02
PROJECT___ORANGE 2 24166	26.72 -0.19 0.00	25.00 -0.28 0.00	23.27 -0.28 0.00	22.05 -0.29 0.00	21.96 -0.31 0.00	21.97 -0.29 0.00	22.86 -0.32 0.00	23.14 -0.33 0.00	23.85 -0.39 0.00	24.97 -0.46 0.00	24.97 -0.56 0.00	26.24 -0.51 0.04	26.57 -0.40 0.02	26.73 -0.38 0.02	26.75 -0.38 0.00	29.42 -0.39 0.00	32.55 -0.36 0.04	39.50 -0.49 0.89	37.58 -0.38 0.28	35.48 -0.40 0.60	35.44 -0.40 0.14	31.08 -0.31 0.00	28.58 -0.26 0.00	26.33 -0.43 0.02
PUCKETT___SOLAR 323809	27.63 0.73 0.00	25.79 0.51 0.00	24.00 0.45 0.00	22.70 0.36 0.00	22.59 0.31 0.00	22.61 0.35 0.00	23.56 0.37 0.00	23.84 0.37 0.00	24.48 0.24 0.00	25.64 0.20 0.00	25.61 0.08 0.00	26.82 0.05 0.03	27.25 0.27 0.01	27.47 0.35 0.01	27.43 0.30 0.00	30.15 0.33 -0.02	33.32 0.40 0.02	40.95 0.61 0.53	39.50 0.80 -0.45	37.42 0.80 -0.13	36.74 0.79 0.02	32.24 0.85 0.00	29.62 0.78 0.00	27.19 0.43 0.01
PYRITES___HYD 24023	26.74 -0.16 0.00	25.43 0.15 0.00	23.67 0.12 0.00	22.38 0.04 0.00	22.30 0.02 0.00	22.23 -0.02 0.00	23.23 0.05 0.00	23.47 0.00 0.00	24.17 -0.07 0.00	25.48 0.05 0.00	25.54 0.00 0.00	26.58 -0.21 0.00	26.50 -0.49 0.00	26.39 -0.73 0.00	26.23 -0.90 0.00	28.71 -1.10 0.00	31.89 -1.05 0.00	40.02 -0.86 0.00	37.59 -0.65 0.00	35.97 -0.51 0.00	35.62 -0.36 0.00	31.05 -0.35 0.00	28.52 -0.32 0.00	26.72 -0.05 0.00
QUAKERRD_115KV_BK1 80622	25.86 -1.05 0.00	24.14 -1.14 0.00	22.42 -1.13 0.00	21.20 -1.14 0.00	21.09 -1.18 0.00	21.10 -1.16 0.00	21.91 -1.28 0.00	22.20 -1.27 0.00	22.76 -1.48 0.00	23.86 -1.58 0.00	23.93 -1.61 0.00	25.33 -1.37 0.10	25.66 -1.30 0.04	25.73 -1.36 0.04	25.82 -1.30 0.00	28.34 -1.46 0.01	31.45 -1.42 0.09	36.16 -2.00 2.71	35.93 -1.64 0.67	33.41 -1.64 1.43	34.21 -1.44 0.33	30.04 -1.35 0.01	27.69 -1.15 0.00	25.50 -1.23 0.04
QUENSBRY_115KV_TB8 356137	28.95 2.04 0.00	27.13 1.85 0.00	25.20 1.65 0.00	23.90 1.56 0.00	23.86 1.58 0.00	23.90 1.65 0.00	24.97 1.79 0.00	25.09 1.62 0.00	26.20 1.96 0.00	27.52 2.09 0.00	27.45 1.92 0.00	28.83 2.04 0.00	28.96 1.97 0.00	29.19 2.06 0.00	29.24 2.12 0.00	32.23 2.33 -0.10	35.62 2.67 0.00	44.39 3.52 0.00	48.71 3.82 -6.65	45.47 3.65 -5.34	40.98 3.85 -1.15	34.66 3.27 0.00	31.67 2.83 0.00	29.02 2.25 0.00
RAMAPO___LBMP 323565	28.25 1.35 0.00	26.24 0.96 0.00	24.47 0.92 0.00	23.23 0.89 0.00	23.19 0.91 0.00	23.19 0.93 0.00	24.18 1.00 0.00	24.55 1.08 0.00	25.43 1.19 0.00	26.76 1.32 0.00	27.07 1.53 0.00	28.51 1.71 0.00	28.99 2.00 0.00	29.30 2.17 0.00	29.38 2.25 0.00	32.44 2.56 -0.07	35.65 2.70 0.00	44.02 3.15 0.00	42.34 2.68 -1.42	40.11 2.48 -1.14	38.38 2.30 -0.10	33.37 1.98 0.00	30.60 1.76 0.00	28.22 1.45 0.00
RANKINE____ 23646	26.42 -0.48 0.00	24.47 -0.81 0.00	22.75 -0.80 0.00	21.47 -0.87 0.00	21.27 -1.00 0.00	21.34 -0.91 0.00	22.00 -1.18 0.00	22.25 -1.22 0.00	22.62 -1.62 0.00	23.68 -1.75 0.00	23.80 -1.74 0.00	24.91 -1.80 0.09	25.50 -1.46 0.03	25.74 -1.36 0.03	25.99 -1.14 0.00	28.22 -1.58 0.01	30.90 -1.98 0.07	34.98 -2.98 2.92	35.54 -2.37 0.33	33.14 -2.30 1.05	33.67 -2.01 0.29	30.23 -1.16 0.01	27.97 -0.87 0.00	25.61 -1.12 0.03
RAVENSWOOD_GT2_1 24244	28.60 1.70 0.00	26.50 1.21 0.00	24.68 1.13 0.00	23.46 1.12 0.00	23.41 1.14 0.00	23.41 1.16 0.00	24.42 1.23 0.00	24.85 1.38 0.00	25.74 1.50 0.00	27.14 1.70 0.00	27.43 1.89 0.00	28.91 2.12 0.00	29.42 2.43 0.00	29.76 2.63 0.00	29.87 2.74 0.00	32.98 3.10 -0.07	36.21 3.26 0.00	44.72 3.84 0.00	43.03 3.29 -1.50	40.75 3.06 -1.20	38.96 2.88 -0.10	33.81 2.42 0.00	31.00 2.16 0.00	28.54 1.77 0.00



RAVENSWOOD_GT2_2 24245	28.60 1.70 0.00	26.50 1.21 0.00	24.68 1.13 0.00	23.46 1.12 0.00	23.41 1.14 0.00	23.41 1.16 0.00	24.42 1.23 0.00	24.85 1.38 0.00	25.74 1.50 0.00	27.14 1.70 0.00	27.43 1.89 0.00	28.91 2.12 0.00	29.42 2.43 0.00	29.76 2.63 0.00	29.87 2.74 0.00	32.98 3.10 -0.07	36.21 3.26 0.00	44.72 3.84 0.00	43.03 3.29 -1.50	40.75 3.06 -1.20	38.96 2.88 -0.10	33.81 2.42 0.00	31.00 2.16 0.00	28.54 1.77 0.00
RAVENSWOOD_GT2_3 24246	28.63 1.72 0.00	26.50 1.21 0.00	24.71 1.15 0.00	23.46 1.12 0.00	23.41 1.14 0.00	23.41 1.16 0.00	24.44 1.25 0.00	24.85 1.38 0.00	25.74 1.50 0.00	27.14 1.70 0.00	27.45 1.92 0.00	28.94 2.14 0.00	29.44 2.46 0.00	29.78 2.66 0.00	29.89 2.77 0.00	33.01 3.13 -0.07	36.24 3.29 0.00	44.76 3.88 0.00	43.03 3.29 -1.50	40.75 3.06 -1.20	38.96 2.88 -0.10	33.85 2.45 0.00	31.00 2.16 0.00	28.56 1.79 0.00
RAVENSWOOD_GT2_4 24247	28.63 1.72 0.00	26.50 1.21 0.00	24.71 1.15 0.00	23.46 1.12 0.00	23.41 1.14 0.00	23.41 1.16 0.00	24.44 1.25 0.00	24.85 1.38 0.00	25.74 1.50 0.00	27.14 1.70 0.00	27.45 1.92 0.00	28.94 2.14 0.00	29.44 2.46 0.00	29.78 2.66 0.00	29.89 2.77 0.00	33.01 3.13 -0.07	36.24 3.29 0.00	44.76 3.88 0.00	43.03 3.29 -1.50	40.75 3.06 -1.20	38.96 2.88 -0.10	33.85 2.45 0.00	31.00 2.16 0.00	28.56 1.79 0.00
RAVENSWOOD_GT3_1 24248	28.60 1.70 0.00	26.50 1.21 0.00	24.68 1.13 0.00	23.46 1.12 0.00	23.41 1.14 0.00	23.41 1.16 0.00	24.42 1.23 0.00	24.85 1.38 0.00	25.74 1.50 0.00	27.14 1.70 0.00	27.45 1.92 0.00	28.94 2.14 0.00	29.42 2.43 0.00	29.76 2.63 0.00	29.87 2.74 0.00	33.01 3.13 -0.07	36.24 3.29 0.00	44.72 3.84 0.00	43.03 3.29 -1.50	40.75 3.06 -1.20	38.96 2.88 -0.10	33.81 2.42 0.00	31.00 2.16 0.00	28.54 1.77 0.00
RAVENSWOOD_GT3_2 24249	28.60 1.70 0.00	26.50 1.21 0.00	24.68 1.13 0.00	23.46 1.12 0.00	23.41 1.14 0.00	23.41 1.16 0.00	24.42 1.23 0.00	24.85 1.38 0.00	25.74 1.50 0.00	27.14 1.70 0.00	27.45 1.92 0.00	28.94 2.14 0.00	29.42 2.43 0.00	29.76 2.63 0.00	29.87 2.74 0.00	33.01 3.13 -0.07	36.24 3.29 0.00	44.72 3.84 0.00	43.03 3.29 -1.50	40.75 3.06 -1.20	38.96 2.88 -0.10	33.81 2.42 0.00	31.00 2.16 0.00	28.54 1.77 0.00
RAVENSWOOD_GT3_3 24250	28.65 1.75 0.00	26.52 1.24 0.00	24.71 1.15 0.00	23.48 1.14 0.00	23.43 1.16 0.00	23.44 1.18 0.00	24.46 1.28 0.00	24.88 1.41 0.00	25.77 1.53 0.00	27.16 1.73 0.00	27.48 1.94 0.00	28.97 2.17 0.00	29.47 2.48 0.00	29.81 2.69 0.00	29.92 2.79 0.00	33.04 3.16 -0.07	36.28 3.33 0.00	44.80 3.92 0.00	43.07 3.33 -1.50	40.79 3.10 -1.20	38.99 2.91 -0.10	33.88 2.48 0.00	31.03 2.19 0.00	28.59 1.82 0.00
RAVENSWOOD_GT3_4 24251	28.65 1.75 0.00	26.52 1.24 0.00	24.71 1.15 0.00	23.48 1.14 0.00	23.43 1.16 0.00	23.44 1.18 0.00	24.46 1.28 0.00	24.88 1.41 0.00	25.77 1.53 0.00	27.16 1.73 0.00	27.48 1.94 0.00	28.97 2.17 0.00	29.47 2.48 0.00	29.81 2.69 0.00	29.92 2.79 0.00	33.04 3.16 -0.07	36.28 3.33 0.00	44.80 3.92 0.00	43.07 3.33 -1.50	40.79 3.10 -1.20	38.99 2.91 -0.10	33.88 2.48 0.00	31.03 2.19 0.00	28.59 1.82 0.00
RAVENSWOOD_GT_1 23729	30.22 1.83 -1.49	26.60 1.31 0.00	24.78 1.22 0.00	23.55 1.21 0.00	23.48 1.20 0.00	23.46 1.20 0.00	24.46 1.28 0.00	24.90 1.43 0.00	27.70 1.55 -1.91	28.93 1.75 -1.75	29.22 1.97 -1.72	31.19 2.22 -2.17	31.56 2.51 -2.06	31.92 2.74 -2.05	32.01 2.85 -2.03	34.85 3.25 -1.80	37.21 3.39 -0.87	44.84 3.96 0.00	43.10 3.37 -1.50	40.94 3.14 -1.31	39.55 2.99 -0.59	35.05 2.51 -1.14	32.29 2.25 -1.20	30.15 1.87 -1.51
RAVENSWOOD_GT_10 24258	28.60 1.70 0.00	26.50 1.21 0.00	24.68 1.13 0.00	23.46 1.12 0.00	23.41 1.14 0.00	23.41 1.16 0.00	24.42 1.23 0.00	24.85 1.38 0.00	25.74 1.50 0.00	27.14 1.70 0.00	27.45 1.92 0.00	28.91 2.12 0.00	29.42 2.43 0.00	29.76 2.63 0.00	29.87 2.74 0.00	32.98 3.10 -0.07	36.21 3.26 0.00	44.72 3.84 0.00	43.03 3.29 -1.50	40.75 3.06 -1.20	38.96 2.88 -0.10	33.81 2.42 0.00	31.00 2.16 0.00	28.54 1.77 0.00
RAVENSWOOD_GT_11 24259	28.60 1.70 0.00	26.50 1.21 0.00	24.68 1.13 0.00	23.46 1.12 0.00	23.41 1.14 0.00	23.41 1.16 0.00	24.42 1.23 0.00	24.85 1.38 0.00	25.74 1.50 0.00	27.14 1.70 0.00	27.45 1.92 0.00	28.91 2.12 0.00	29.42 2.43 0.00	29.76 2.63 0.00	29.87 2.74 0.00	32.98 3.10 -0.07	36.21 3.26 0.00	44.72 3.84 0.00	43.03 3.29 -1.50	40.75 3.06 -1.20	38.96 2.88 -0.10	33.81 2.42 0.00	31.00 2.16 0.00	28.54 1.77 0.00
RAVENSWOOD_GT_4 24252	29.73 1.70 -1.13	26.50 1.21 0.00	24.68 1.13 0.00	23.44 1.09 0.00	23.41 1.14 0.00	23.39 1.14 0.00	24.42 1.23 0.00	24.86 1.38 0.00	27.20 1.50 -1.46	28.47 1.70 -1.33	28.74 1.89 -1.31	30.56 2.12 -1.65	30.98 2.43 -1.57	31.32 2.63 -1.56	31.41 2.74 -1.55	34.29 3.10 -1.38	36.87 3.26 -0.66	44.72 3.84 0.00	43.03 3.29 -1.50	40.80 3.03 -1.29	39.29 2.84 -0.47	34.68 2.42 -0.87	31.89 2.13 -0.91	29.68 1.77 -1.15
RAVENSWOOD_GT_5 24254	29.73 1.70 -1.13	26.50 1.21 0.00	24.68 1.13 0.00	23.44 1.09 0.00	23.41 1.14 0.00	23.39 1.14 0.00	24.42 1.23 0.00	24.86 1.38 0.00	27.20 1.50 -1.46	28.47 1.70 -1.33	28.74 1.89 -1.31	30.56 2.12 -1.65	30.98 2.43 -1.57	31.32 2.63 -1.56	31.41 2.74 -1.55	34.29 3.10 -1.38	36.87 3.26 -0.66	44.72 3.84 0.00	43.03 3.29 -1.50	40.80 3.03 -1.29	39.29 2.84 -0.47	34.68 2.42 -0.87	31.89 2.13 -0.91	29.68 1.77 -1.15
RAVENSWOOD_GT_6 24253	29.73 1.70 -1.13	26.50 1.21 0.00	24.68 1.13 0.00	23.44 1.09 0.00	23.41 1.14 0.00	23.39 1.14 0.00	24.42 1.23 0.00	24.86 1.38 0.00	27.20 1.50 -1.46	28.47 1.70 -1.33	28.74 1.89 -1.31	30.56 2.12 -1.65	30.98 2.43 -1.57	31.32 2.63 -1.56	31.41 2.74 -1.55	34.29 3.10 -1.38	36.87 3.26 -0.66	44.72 3.84 0.00	43.03 3.29 -1.50	40.80 3.03 -1.29	39.29 2.84 -0.47	34.68 2.42 -0.87	31.89 2.13 -0.91	29.68 1.77 -1.15
RAVENSWOOD_GT_7 24255	29.73 1.70 -1.13	26.50 1.21 0.00	24.68 1.13 0.00	23.44 1.09 0.00	23.41 1.14 0.00	23.39 1.14 0.00	24.42 1.23 0.00	24.86 1.38 0.00	27.20 1.50 -1.46	28.47 1.70 -1.33	28.74 1.89 -1.31	30.56 2.12 -1.65	30.98 2.43 -1.57	31.32 2.63 -1.56	31.41 2.74 -1.55	34.29 3.10 -1.38	36.87 3.26 -0.66	44.72 3.84 0.00	43.03 3.29 -1.50	40.80 3.03 -1.29	39.29 2.84 -0.47	34.68 2.42 -0.87	31.89 2.13 -0.91	29.68 1.77 -1.15
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	28.60 1.70 0.00	26.50 1.21 0.00	24.68 1.13 0.00	23.46 1.12 0.00	23.41 1.14 0.00	23.41 1.16 0.00	24.42 1.23 0.00	24.85 1.38 0.00	25.74 1.50 0.00	27.14 1.70 0.00	27.45 1.92 0.00	28.91 2.12 0.00	29.42 2.43 0.00	29.76 2.63 0.00	29.87 2.74 0.00	32.98 3.10 -0.07	36.21 3.26 0.00	44.72 3.84 0.00	43.03 3.29 -1.50	40.75 3.06 -1.20	38.96 2.88 -0.10	33.81 2.42 0.00	31.00 2.16 0.00	28.54 1.77 0.00



RAVENSWOOD_GT_9 24257	28.60 1.70 0.00	26.50 1.21 0.00	24.68 1.13 0.00	23.46 1.12 0.00	23.41 1.14 0.00	23.41 1.16 0.00	24.42 1.23 0.00	24.85 1.38 0.00	25.74 1.50 0.00	27.14 1.70 0.00	27.45 1.92 0.00	28.91 2.12 0.00	29.42 2.43 0.00	29.76 2.63 0.00	29.87 2.74 0.00	32.98 3.10 -0.07	36.21 3.26 0.00	44.72 3.84 0.00	43.03 3.29 -1.50	40.75 3.06 -1.20	38.96 2.88 -0.10	33.81 2.42 0.00	31.00 2.16 0.00	28.54 1.77 0.00
RAVENSWOOD___1 23533	28.74 1.83 0.00	26.57 1.29 0.00	24.75 1.20 0.00	23.52 1.18 0.00	23.46 1.18 0.00	23.43 1.18 0.00	24.46 1.27 0.00	24.88 1.41 0.00	25.82 1.57 0.00	27.29 1.86 0.00	27.50 1.97 0.00	28.99 2.20 0.00	29.50 2.51 0.00	29.89 2.77 0.00	29.97 2.85 0.00	33.10 3.22 -0.07	36.34 3.39 0.00	44.80 3.92 0.00	43.06 3.33 -1.50	40.83 3.14 -1.20	39.03 2.95 -0.10	33.88 2.48 0.00	31.06 2.22 0.00	28.62 1.85 0.00
RAVENSWOOD___2 23534	28.74 1.83 0.00	26.57 1.29 0.00	24.75 1.20 0.00	23.52 1.18 0.00	23.46 1.18 0.00	23.43 1.18 0.00	24.46 1.27 0.00	24.88 1.41 0.00	25.82 1.57 0.00	27.29 1.86 0.00	27.50 1.97 0.00	28.99 2.20 0.00	29.50 2.51 0.00	29.86 2.74 0.00	29.95 2.82 0.00	33.10 3.22 -0.07	36.34 3.39 0.00	44.80 3.92 0.00	43.06 3.33 -1.50	40.83 3.14 -1.20	39.03 2.95 -0.10	33.88 2.48 0.00	31.06 2.22 0.00	28.62 1.85 0.00
RAVENSWOOD___3 23535	28.63 1.72 0.00	26.50 1.21 0.00	24.68 1.13 0.00	23.46 1.12 0.00	23.41 1.14 0.00	23.41 1.16 0.00	24.41 1.23 0.00	24.83 1.36 0.00	25.77 1.53 0.00	27.24 1.81 0.00	27.45 1.92 0.00	28.94 2.14 0.00	29.42 2.43 0.00	29.81 2.69 0.00	29.86 2.74 0.00	33.01 3.13 -0.07	36.24 3.29 0.00	44.72 3.84 0.00	43.03 3.29 -1.50	40.75 3.07 -1.20	38.92 2.84 -0.10	33.81 2.42 0.00	31.00 2.16 0.00	28.54 1.77 0.00
RAVENSWOOD___4 23820	27.27 1.83 1.47	26.57 1.29 0.00	24.75 1.20 0.00	23.52 1.18 0.00	23.45 1.18 0.00	23.43 1.18 0.00	24.44 1.25 0.00	24.85 1.38 0.00	23.93 1.57 1.88	25.57 1.86 1.72	25.81 1.97 1.69	26.86 2.20 2.13	27.44 2.48 2.03	27.85 2.74 2.02	27.95 2.82 2.00	31.40 3.22 1.63	35.49 3.39 0.85	44.80 3.92 0.00	43.06 3.33 -1.50	40.72 3.14 -1.10	38.55 2.95 0.37	32.75 2.48 1.13	29.88 2.22 1.18	27.13 1.85 1.48
RCPL_TRUST___DRP 24196	28.60 1.70 0.00	26.50 1.21 0.00	24.68 1.13 0.00	23.46 1.12 0.00	23.41 1.14 0.00	23.41 1.16 0.00	24.42 1.23 0.00	24.85 1.38 0.00	25.74 1.50 0.00	27.14 1.70 0.00	27.45 1.92 0.00	28.94 2.14 0.00	29.44 2.46 0.00	29.78 2.66 0.00	29.89 2.77 0.00	33.01 3.13 -0.07	36.24 3.29 0.00	44.76 3.88 0.00	43.03 3.29 -1.50	40.75 3.06 -1.20	38.92 2.84 -0.10	33.81 2.42 0.00	31.00 2.16 0.00	28.54 1.77 0.00
RED___ROCHESTER 323720	26.50 -0.40 0.00	24.65 -0.63 0.00	22.87 -0.68 0.00	21.62 -0.72 0.00	21.50 -0.78 0.00	21.50 -0.76 0.00	22.33 -0.86 0.00	22.63 -0.84 0.00	23.22 -1.02 0.00	24.37 -1.07 0.00	24.36 -1.17 0.00	25.86 -0.83 0.10	26.22 -0.73 0.04	26.28 -0.81 0.04	26.37 -0.76 0.00	28.93 -0.87 0.01	32.10 -0.76 0.09	36.93 -1.14 2.80	36.71 -0.84 0.69	34.17 -0.84 1.48	35.06 -0.58 0.34	30.73 -0.66 0.01	28.35 -0.49 0.00	26.06 -0.67 0.04
REGAN___SOLAR 323812	29.30 2.39 0.00	27.43 2.15 0.00	25.46 1.91 0.00	24.15 1.81 0.00	24.06 1.78 0.00	24.10 1.85 0.00	25.13 1.95 0.00	25.23 1.76 0.00	26.18 1.94 0.00	27.26 1.83 0.00	27.32 1.79 0.00	28.75 1.96 0.00	29.07 2.08 0.00	29.32 2.20 0.00	29.38 2.25 0.00	32.50 2.59 -0.10	35.98 3.03 0.00	45.13 4.25 0.00	49.27 4.28 -6.75	46.03 4.12 -5.42	41.27 4.10 -1.19	34.94 3.55 0.00	31.93 3.09 0.00	29.23 2.46 0.00
RENSSELAER___COGEN 23796	27.23 0.32 0.00	25.51 0.23 0.00	23.76 0.21 0.00	22.63 0.29 0.00	22.59 0.31 0.00	22.61 0.35 0.00	23.58 0.39 0.00	23.84 0.37 0.00	24.75 0.51 0.00	25.94 0.51 0.00	26.10 0.56 0.00	27.39 0.59 0.00	27.72 0.73 0.00	27.99 0.87 0.00	27.99 0.87 0.00	30.92 1.01 -0.09	34.03 1.09 0.00	42.14 1.27 0.00	43.60 1.15 -4.21	40.93 1.06 -3.38	37.58 0.97 -0.63	32.24 0.85 0.00	29.53 0.69 0.00	27.28 0.51 0.00
REPUBLIC_115KV_BARTNBRK 55605	30.05 3.15 0.00	28.21 2.93 0.00	26.12 2.57 0.00	24.78 2.44 0.00	24.70 2.43 0.00	24.79 2.54 0.00	25.95 2.76 0.00	25.93 2.46 0.00	27.27 3.03 0.00	28.66 3.23 0.00	28.60 3.06 0.00	30.07 3.27 0.00	30.17 3.18 0.00	30.38 3.26 0.00	30.44 3.31 0.00	33.51 3.61 -0.10	37.13 4.18 0.00	46.35 5.48 0.00	50.68 5.81 -6.62	47.38 5.58 -5.32	42.84 5.72 -1.15	36.26 4.87 0.00	33.05 4.21 0.00	30.14 3.37 0.00
REVERE_CPDR_DRP 24186	27.69 0.78 0.00	25.96 0.68 0.00	24.17 0.61 0.00	22.88 0.54 0.00	22.77 0.49 0.00	22.77 0.51 0.00	23.77 0.58 0.00	24.03 0.56 0.00	24.75 0.51 0.00	25.97 0.53 0.00	26.00 0.46 0.00	27.32 0.54 0.02	27.66 0.67 0.01	27.74 0.62 0.01	27.61 0.49 0.00	30.41 0.60 0.00	33.66 0.72 0.01	41.67 1.14 0.35	39.35 1.22 0.11	37.45 1.20 0.24	37.07 1.15 0.06	32.40 1.00 0.00	29.71 0.87 0.00	27.46 0.70 0.01
REYNOLDS_115KV_TB3 80639	27.42 0.51 0.00	25.71 0.43 0.00	23.95 0.40 0.00	22.79 0.45 0.00	22.77 0.49 0.00	22.77 0.51 0.00	23.77 0.58 0.00	24.06 0.59 0.00	24.92 0.68 0.00	26.12 0.69 0.00	26.35 0.82 0.00	27.65 0.86 0.00	27.99 1.00 0.00	28.21 1.09 0.00	28.27 1.14 0.00	31.18 1.28 -0.09	34.33 1.38 0.00	42.51 1.63 0.00	44.23 1.45 -4.54	41.52 1.39 -3.64	37.97 1.30 -0.70	32.50 1.10 0.00	29.79 0.95 0.00	27.55 0.78 0.00
RIVERBAY____ 323610	29.06 2.15 0.00	26.82 1.54 0.00	24.97 1.41 0.00	23.73 1.39 0.00	23.66 1.38 0.00	23.57 1.31 0.00	24.58 1.39 0.00	25.02 1.55 0.00	25.89 1.65 0.00	27.29 1.86 0.00	27.61 2.07 0.00	29.10 2.30 0.00	29.61 2.62 0.00	29.97 2.85 0.00	30.08 2.96 0.00	33.25 3.37 -0.07	36.47 3.53 0.00	45.00 4.13 0.00	43.26 3.52 -1.50	40.97 3.28 -1.20	39.25 3.17 -0.10	34.03 2.64 0.00	31.23 2.39 0.00	28.88 2.11 0.00
RIVERSDE_115KV_TB3 55908	27.34 0.43 0.00	25.61 0.33 0.00	23.88 0.33 0.00	22.72 0.38 0.00	22.70 0.42 0.00	22.70 0.45 0.00	23.67 0.49 0.00	23.96 0.49 0.00	24.85 0.61 0.00	26.02 0.58 0.00	26.25 0.72 0.00	27.52 0.72 0.00	27.88 0.89 0.00	28.10 0.98 0.00	28.16 1.03 0.00	31.06 1.16 -0.09	34.20 1.25 0.00	42.39 1.51 0.00	44.17 1.34 -4.59	41.41 1.24 -3.69	37.84 1.15 -0.71	32.40 1.00 0.00	29.71 0.87 0.00	27.44 0.67 0.00
ROARING___BROOK_WT_PWR 323790	26.64 -0.27 0.00	25.11 -0.18 0.00	23.39 -0.16 0.00	22.16 -0.18 0.00	22.07 -0.20 0.00	21.99 -0.27 0.00	22.88 -0.30 0.00	23.16 -0.31 0.00	23.92 -0.32 0.00	25.10 -0.33 0.00	25.18 -0.36 0.00	26.31 -0.48 0.00	26.37 -0.62 0.00	26.42 -0.71 0.00	26.37 -0.76 0.00	28.94 -0.87 0.00	32.06 -0.89 0.00	39.94 -0.94 0.00	37.44 -0.80 0.00	35.75 -0.73 0.00	35.36 -0.61 0.00	30.93 -0.47 0.00	28.44 -0.40 0.00	26.48 -0.29 0.00



ROCHESRG_115KV_T4 355643	26.23 -0.67 0.00	24.45 -0.83 0.00	22.70 -0.85 0.00	21.47 -0.87 0.00	21.34 -0.94 0.00	21.37 -0.89 0.00	22.17 -1.02 0.00	22.44 -1.03 0.00	22.98 -1.26 0.00	24.08 -1.35 0.00	24.13 -1.40 0.00	25.62 -1.07 0.11	25.92 -1.03 0.04	26.03 -1.06 0.04	26.12 -1.00 0.00	28.66 -1.13 0.01	31.80 -1.05 0.09	36.41 -1.63 2.83	36.28 -1.26 0.70	33.70 -1.28 1.50	34.62 -1.01 0.35	30.41 -0.97 0.01	28.06 -0.78 0.00	25.85 -0.88 0.04
ROCHESTER_9_IC 23652	26.34 -0.57 0.00	24.57 -0.71 0.00	22.80 -0.75 0.00	21.56 -0.78 0.00	21.43 -0.85 0.00	21.43 -0.82 0.00	22.26 -0.93 0.00	22.53 -0.94 0.00	23.08 -1.16 0.00	24.19 -1.25 0.00	24.26 -1.28 0.00	25.75 -0.94 0.10	26.09 -0.86 0.04	26.17 -0.92 0.04	26.26 -0.87 0.00	28.81 -0.98 0.01	31.97 -0.89 0.09	36.68 -1.39 2.80	36.52 -1.03 0.69	33.95 -1.06 1.48	34.84 -0.79 0.34	30.57 -0.82 0.01	28.21 -0.63 0.00	25.96 -0.78 0.04
ROCKVIEW_13_KV_LD 356306	28.57 1.67 0.00	26.50 1.21 0.00	24.68 1.13 0.00	23.46 1.12 0.00	23.41 1.14 0.00	23.41 1.16 0.00	24.42 1.23 0.00	24.83 1.36 0.00	25.72 1.48 0.00	27.11 1.68 0.00	27.43 1.89 0.00	28.89 2.09 0.00	29.39 2.40 0.00	29.73 2.60 0.00	29.84 2.71 0.00	32.95 3.07 -0.07	36.21 3.26 0.00	44.76 3.88 0.00	43.03 3.29 -1.50	40.75 3.06 -1.20	38.92 2.84 -0.10	33.85 2.45 0.00	30.97 2.13 0.00	28.54 1.77 0.00
ROME____115KV_TB2 80656	27.69 0.78 0.00	25.96 0.68 0.00	24.17 0.61 0.00	22.88 0.54 0.00	22.77 0.49 0.00	22.77 0.51 0.00	23.77 0.58 0.00	24.03 0.56 0.00	24.75 0.51 0.00	25.97 0.53 0.00	26.00 0.46 0.00	27.32 0.54 0.02	27.66 0.67 0.01	27.74 0.62 0.01	27.61 0.49 0.00	30.41 0.60 0.01	33.66 0.72 0.01	41.67 1.14 0.35	39.35 1.22 0.11	37.45 1.20 0.24	37.07 1.15 0.06	32.40 1.00 0.00	29.71 0.87 0.00	27.46 0.70 0.01
ROSETON___1 23587	28.14 1.24 0.00	26.17 0.88 0.00	24.40 0.85 0.00	23.17 0.83 0.00	23.14 0.87 0.00	23.15 0.89 0.00	24.11 0.93 0.00	24.48 1.01 0.00	25.38 1.14 0.00	26.78 1.35 0.00	26.99 1.45 0.00	28.38 1.58 0.00	28.85 1.86 0.00	29.16 2.04 0.00	29.22 2.09 0.00	32.27 2.39 -0.07	35.49 2.54 0.00	43.86 2.98 0.00	42.24 2.52 -1.48	40.04 2.37 -1.19	38.27 2.19 -0.10	33.28 1.88 0.00	30.51 1.67 0.00	28.11 1.34 0.00
ROSETON___2 23588	28.14 1.24 0.00	26.17 0.88 0.00	24.40 0.85 0.00	23.17 0.83 0.00	23.14 0.87 0.00	23.15 0.89 0.00	24.11 0.93 0.00	24.48 1.01 0.00	25.38 1.14 0.00	26.78 1.35 0.00	26.99 1.45 0.00	28.38 1.58 0.00	28.85 1.86 0.00	29.16 2.04 0.00	29.22 2.09 0.00	32.27 2.39 -0.07	35.49 2.54 0.00	43.86 2.98 0.00	42.24 2.52 -1.48	40.04 2.37 -1.19	38.27 2.19 -0.10	33.28 1.88 0.00	30.51 1.67 0.00	28.11 1.34 0.00
ROTRRDAM_115KV_TB3 80664	27.71 0.81 0.00	25.94 0.66 0.00	24.17 0.61 0.00	22.92 0.58 0.00	22.88 0.60 0.00	22.88 0.62 0.00	23.86 0.67 0.00	24.13 0.66 0.00	24.97 0.73 0.00	26.17 0.74 0.00	26.33 0.79 0.00	27.65 0.86 0.00	27.96 0.97 0.00	28.16 1.03 0.00	28.21 1.09 0.00	31.16 1.25 -0.10	34.33 1.38 0.00	42.59 1.72 0.00	47.25 1.64 -7.36	43.96 1.57 -5.91	38.79 1.51 -1.30	32.68 1.29 0.00	29.96 1.12 0.00	27.68 0.91 0.00
RUSSELL___1 23602	26.45 -0.46 0.00	24.65 -0.63 0.00	22.87 -0.68 0.00	21.63 -0.71 0.00	21.50 -0.78 0.00	21.50 -0.76 0.00	22.33 -0.86 0.00	22.63 -0.84 0.00	23.15 -1.09 0.00	24.29 -1.14 0.00	24.36 -1.17 0.00	25.86 -0.83 0.10	26.22 -0.73 0.04	26.28 -0.81 0.04	26.37 -0.76 0.00	28.93 -0.86 0.01	32.13 -0.72 0.09	36.89 -1.19 2.80	36.71 -0.84 0.69	34.13 -0.88 1.48	35.02 -0.61 0.34	30.73 -0.66 0.01	28.35 -0.49 0.00	26.06 -0.67 0.04
RUSSELL___2 23532	26.45 -0.46 0.00	24.65 -0.63 0.00	22.87 -0.68 0.00	21.63 -0.71 0.00	21.50 -0.78 0.00	21.50 -0.76 0.00	22.33 -0.86 0.00	22.63 -0.84 0.00	23.15 -1.09 0.00	24.29 -1.14 0.00	24.36 -1.17 0.00	25.86 -0.83 0.10	26.22 -0.73 0.04	26.28 -0.81 0.04	26.37 -0.76 0.00	28.93 -0.86 0.01	32.13 -0.72 0.09	36.89 -1.19 2.80	36.71 -0.84 0.69	34.13 -0.88 1.48	35.02 -0.61 0.34	30.73 -0.66 0.01	28.35 -0.49 0.00	26.06 -0.67 0.04
RUSSELL___3 23549	26.45 -0.46 0.00	24.65 -0.63 0.00	22.87 -0.68 0.00	21.63 -0.71 0.00	21.50 -0.78 0.00	21.50 -0.76 0.00	22.33 -0.86 0.00	22.63 -0.84 0.00	23.15 -1.09 0.00	24.29 -1.14 0.00	24.36 -1.17 0.00	25.86 -0.83 0.10	26.22 -0.73 0.04	26.28 -0.81 0.04	26.37 -0.76 0.00	28.93 -0.86 0.01	32.13 -0.72 0.09	36.89 -1.19 2.80	36.71 -0.84 0.69	34.13 -0.88 1.48	35.02 -0.61 0.34	30.73 -0.66 0.01	28.35 -0.49 0.00	26.06 -0.67 0.04
RUSSELL___4 23556	26.45 -0.46 0.00	24.65 -0.63 0.00	22.87 -0.68 0.00	21.63 -0.71 0.00	21.50 -0.78 0.00	21.50 -0.76 0.00	22.33 -0.86 0.00	22.63 -0.84 0.00	23.15 -1.09 0.00	24.29 -1.14 0.00	24.36 -1.17 0.00	25.86 -0.83 0.10	26.22 -0.73 0.04	26.28 -0.81 0.04	26.37 -0.76 0.00	28.93 -0.86 0.01	32.13 -0.72 0.09	36.89 -1.19 2.80	36.71 -0.84 0.69	34.13 -0.88 1.48	35.02 -0.61 0.34	30.73 -0.66 0.01	28.35 -0.49 0.00	26.06 -0.67 0.04
RUSSELL___STATION 23914	26.45 -0.46 0.00	24.65 -0.63 0.00	22.87 -0.68 0.00	21.63 -0.71 0.00	21.50 -0.78 0.00	21.50 -0.76 0.00	22.33 -0.86 0.00	22.63 -0.84 0.00	23.15 -1.09 0.00	24.29 -1.14 0.00	24.36 -1.17 0.00	25.86 -0.83 0.10	26.22 -0.73 0.04	26.28 -0.81 0.04	26.37 -0.76 0.00	28.93 -0.86 0.01	32.13 -0.72 0.09	36.89 -1.19 2.80	36.71 -0.84 0.69	34.13 -0.88 1.48	35.02 -0.61 0.34	30.73 -0.66 0.01	28.35 -0.49 0.00	26.06 -0.67 0.04
S SALMON___HYD 24043	26.42 -0.48 0.00	24.75 -0.53 0.00	23.03 -0.52 0.00	21.83 -0.51 0.00	21.74 -0.53 0.00	21.72 -0.53 0.00	22.61 -0.58 0.00	22.86 -0.61 0.00	23.51 -0.73 0.00	24.64 -0.79 0.00	24.72 -0.82 0.00	26.03 -0.80 -0.04	26.25 -0.76 -0.01	26.41 -0.73 -0.01	26.29 -0.84 0.00	28.96 -0.87 -0.01	32.09 -0.89 -0.03	40.62 -1.02 -0.77	37.76 -0.73 -0.24	36.31 -0.69 -0.52	35.49 -0.61 -0.12	30.87 -0.53 0.00	28.35 -0.49 0.00	26.17 -0.61 -0.01
S.PERRY__115KV_TB1 80734	27.17 0.27 0.00	25.31 0.03 0.00	23.48 -0.07 0.00	22.16 -0.18 0.00	21.99 -0.29 0.00	22.01 -0.24 0.00	22.84 -0.35 0.00	23.14 -0.33 0.00	23.56 -0.68 0.00	24.59 -0.84 0.00	24.62 -0.92 0.00	25.91 -0.80 0.08	26.31 -0.65 0.03	26.47 -0.62 0.03	26.58 -0.54 0.00	29.18 -0.63 0.01	32.48 -0.40 0.07	37.28 -0.57 3.03	37.84 -0.11 0.28	35.39 -0.15 0.95	35.85 0.14 0.27	31.58 0.19 0.01	29.19 0.35 0.00	26.63 -0.11 0.03
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	26.10 -0.81 0.00	24.17 -1.11 0.00	22.45 -1.11 0.00	21.20 -1.14 0.00	21.01 -1.27 0.00	21.08 -1.18 0.00	21.75 -1.44 0.00	21.97 -1.50 0.00	22.33 -1.91 0.00	23.40 -2.03 0.00	23.49 -2.04 0.00	24.80 -1.90 0.09	25.26 -1.70 0.03	25.49 -1.60 0.03	25.69 -1.44 0.00	28.01 -1.79 0.01	30.76 -2.11 0.08	34.78 -3.19 2.91	35.31 -2.56 0.37	32.86 -2.52 1.11	33.48 -2.19 0.30	29.88 -1.51 0.01	27.66 -1.18 0.00	25.40 -1.34 0.03



SAWYER___23_KV_LOAD 55526	26.10 -0.81 0.00	24.17 -1.11 0.00	22.45 -1.11 0.00	21.20 -1.14 0.00	21.01 -1.27 0.00	21.08 -1.18 0.00	21.75 -1.44 0.00	21.97 -1.50 0.00	22.33 -1.91 0.00	23.40 -2.03 0.00	23.49 -2.04 0.00	24.80 -1.90 0.09	25.26 -1.70 0.03	25.49 -1.60 0.03	25.69 -1.44 0.00	28.01 -1.79 0.01	30.76 -2.11 0.08	34.78 -3.19 2.91	35.31 -2.56 0.37	32.86 -2.52 1.11	33.48 -2.19 0.30	29.88 -1.51 0.01	27.66 -1.18 0.00	25.40 -1.34 0.03
SELKIRK___I 23801	27.50 0.59 0.00	25.76 0.48 0.00	24.00 0.45 0.00	22.81 0.47 0.00	22.76 0.49 0.00	22.77 0.51 0.00	23.74 0.56 0.00	23.99 0.52 0.00	24.85 0.61 0.00	26.02 0.59 0.00	26.15 0.61 0.00	27.41 0.62 0.00	27.72 0.73 0.00	27.94 0.81 0.00	27.97 0.84 0.00	30.85 0.95 -0.09	34.03 1.09 0.00	42.27 1.39 0.00	42.99 1.34 -3.42	40.50 1.28 -2.74	37.66 1.22 -0.46	32.46 1.07 0.00	29.76 0.92 0.00	27.49 0.72 0.00
SELKIRK___II 23799	27.36 0.46 0.00	25.61 0.33 0.00	23.86 0.31 0.00	22.70 0.36 0.00	22.65 0.38 0.00	22.66 0.40 0.00	23.63 0.44 0.00	23.89 0.42 0.00	24.77 0.53 0.00	25.99 0.56 0.00	26.15 0.61 0.00	27.44 0.64 0.00	27.77 0.78 0.00	28.02 0.89 0.00	28.05 0.92 0.00	30.94 1.04 -0.09	34.10 1.15 0.00	42.22 1.35 0.00	43.07 1.22 -3.61	40.51 1.13 -2.90	37.52 1.04 -0.50	32.31 0.91 0.00	29.62 0.78 0.00	27.36 0.59 0.00
SENECA OSWGO___HYD 24041	26.58 -0.32 0.00	24.88 -0.41 0.00	23.15 -0.40 0.00	21.94 -0.40 0.00	21.85 -0.42 0.00	21.86 -0.40 0.00	22.75 -0.44 0.00	23.05 -0.42 0.00	23.73 -0.51 0.00	24.80 -0.63 0.00	24.85 -0.69 0.00	26.23 -0.64 -0.08	26.45 -0.57 -0.03	26.64 -0.52 -0.03	26.58 -0.54 0.00	29.26 -0.57 -0.02	32.45 -0.56 -0.06	41.73 -0.70 -1.55	38.12 -0.61 -0.49	36.96 -0.59 -1.06	35.64 -0.58 -0.24	30.90 -0.50 -0.01	28.41 -0.43 0.00	26.23 -0.56 -0.03
SENECA___115KV_TB3 355854	26.47 -0.43 0.00	24.52 -0.76 0.00	22.80 -0.75 0.00	21.51 -0.83 0.00	21.30 -0.98 0.00	21.39 -0.87 0.00	22.05 -1.14 0.00	22.30 -1.17 0.00	22.64 -1.60 0.00	23.70 -1.73 0.00	23.83 -1.71 0.00	24.94 -1.77 0.09	25.55 -1.40 0.03	25.79 -1.30 0.03	26.01 -1.11 0.00	28.28 -1.52 0.01	30.96 -1.91 0.07	35.06 -2.90 2.92	35.61 -2.29 0.33	33.18 -2.26 1.05	33.75 -1.94 0.29	30.29 -1.10 0.01	28.03 -0.81 0.00	25.64 -1.10 0.03
SENECA___ENERGY 23797	26.69 -0.22 0.00	24.90 -0.38 0.00	23.18 -0.38 0.00	21.91 -0.43 0.00	21.81 -0.47 0.00	21.83 -0.42 0.00	22.72 -0.46 0.00	23.00 -0.47 0.00	23.66 -0.58 0.00	24.75 -0.69 0.00	24.77 -0.77 0.00	26.05 -0.72 0.02	26.41 -0.57 0.01	26.58 -0.54 0.01	26.61 -0.52 0.00	29.22 -0.60 0.00	32.37 -0.56 0.02	39.01 -0.73 1.13	37.47 -0.61 0.16	35.63 -0.51 0.34	35.43 -0.47 0.08	31.02 -0.38 0.00	28.58 -0.26 0.00	26.25 -0.51 0.01
SHOEMAKER___GT 23640	28.04 1.13 0.00	26.09 0.81 0.00	24.33 0.78 0.00	23.08 0.74 0.00	23.03 0.76 0.00	23.03 0.78 0.00	23.98 0.79 0.00	24.31 0.84 0.00	25.18 0.94 0.00	26.58 1.15 0.00	26.76 1.23 0.00	28.11 1.31 0.00	28.55 1.56 0.00	28.86 1.74 0.00	28.92 1.79 0.00	31.93 2.06 -0.06	35.12 2.17 0.00	43.45 2.58 0.00	41.78 2.22 -1.33	39.63 2.08 -1.07	37.97 1.91 -0.09	33.03 1.63 0.00	30.31 1.47 0.00	27.98 1.21 0.00
SHOEMAKR_138KV_BK 111 55601	28.04 1.13 0.00	26.09 0.81 0.00	24.31 0.75 0.00	23.08 0.74 0.00	23.03 0.76 0.00	23.03 0.78 0.00	23.97 0.79 0.00	24.34 0.87 0.00	25.19 0.95 0.00	26.50 1.07 0.00	26.76 1.23 0.00	28.14 1.34 0.00	28.58 1.59 0.00	28.86 1.74 0.00	28.92 1.79 0.00	31.93 2.06 -0.06	35.12 2.17 0.00	43.49 2.62 0.00	41.77 2.22 -1.32	39.62 2.08 -1.06	37.97 1.91 -0.09	33.03 1.63 0.00	30.31 1.47 0.00	27.97 1.20 0.00
SHOREHAM_IC_1 23715	33.65 1.86 -4.89	30.42 1.39 -3.75	28.36 1.34 -3.46	25.96 1.27 -2.35	26.70 1.29 -3.14	25.40 1.36 -1.78	25.37 1.51 -0.68	25.18 1.55 -0.16	29.35 1.65 -3.46	33.58 1.93 -6.22	35.00 2.25 -7.22	37.13 2.46 -7.87	38.35 2.78 -8.58	39.89 3.01 -9.75	40.86 3.12 -10.62	41.04 3.58 -7.66	42.91 3.92 -6.04	63.27 4.66 -17.73	43.49 3.75 -1.50	41.01 3.32 -1.20	39.17 3.09 -0.10	35.22 2.89 -0.94	32.05 2.31 -0.90	31.68 1.95 -2.95
SHOREHAM_IC_2 23716	33.65 1.86 -4.89	30.42 1.39 -3.75	28.36 1.34 -3.46	25.96 1.27 -2.35	26.70 1.29 -3.14	25.40 1.36 -1.78	25.37 1.51 -0.68	25.18 1.55 -0.16	29.35 1.65 -3.46	33.58 1.93 -6.22	35.00 2.25 -7.22	37.13 2.46 -7.87	38.35 2.78 -8.58	39.89 3.01 -9.75	40.86 3.12 -10.62	41.04 3.58 -7.66	42.91 3.92 -6.04	63.27 4.66 -17.73	43.49 3.75 -1.50	41.01 3.32 -1.20	39.17 3.09 -0.10	35.22 2.89 -0.94	32.05 2.31 -0.90	31.68 1.95 -2.95
SISSONVILLE____ 23735	26.42 -0.48 0.00	25.11 -0.18 0.00	23.36 -0.19 0.00	22.12 -0.22 0.00	22.05 -0.22 0.00	21.97 -0.29 0.00	22.95 -0.23 0.00	23.16 -0.31 0.00	23.90 -0.34 0.00	25.18 -0.25 0.00	25.26 -0.28 0.00	26.29 -0.51 0.00	26.21 -0.78 0.00	26.12 -1.00 0.00	25.96 -1.17 0.00	28.41 -1.40 0.00	31.53 -1.42 0.00	39.53 -1.35 0.00	37.09 -1.15 0.00	35.50 -0.99 0.00	35.15 -0.83 0.00	30.64 -0.75 0.00	28.18 -0.66 0.00	26.39 -0.37 0.00
SITHE_IND_GS1 24169	26.31 -0.59 0.00	24.62 -0.66 0.00	22.94 -0.61 0.00	21.76 -0.58 0.00	21.67 -0.60 0.00	21.66 -0.60 0.00	22.54 -0.65 0.00	22.84 -0.63 0.00	23.49 -0.75 0.00	24.52 -0.91 0.00	24.59 -0.94 0.00	25.15 -0.94 0.71	25.85 -0.89 0.25	26.01 -0.87 0.25	26.26 -0.87 0.00	28.71 -0.96 0.14	31.33 -1.02 0.60	24.98 -1.27 14.63	32.45 -1.15 4.65	25.43 -1.09 9.96	32.60 -1.08 2.30	30.39 -0.94 0.06	27.98 -0.86 0.00	25.61 -0.91 0.25
SITHE_IND_GS2 24170	26.31 -0.59 0.00	24.62 -0.66 0.00	22.94 -0.61 0.00	21.76 -0.58 0.00	21.67 -0.60 0.00	21.66 -0.60 0.00	22.54 -0.65 0.00	22.84 -0.63 0.00	23.49 -0.75 0.00	24.52 -0.91 0.00	24.59 -0.94 0.00	25.15 -0.94 0.71	25.85 -0.89 0.25	26.01 -0.87 0.25	26.26 -0.87 0.00	28.71 -0.96 0.14	31.33 -1.02 0.60	24.98 -1.27 14.63	32.45 -1.15 4.65	25.43 -1.09 9.96	32.60 -1.08 2.30	30.39 -0.94 0.06	27.98 -0.86 0.00	25.61 -0.91 0.25
SITHE_IND_GS3 24171	26.31 -0.59 0.00	24.62 -0.66 0.00	22.94 -0.61 0.00	21.76 -0.58 0.00	21.67 -0.60 0.00	21.66 -0.60 0.00	22.54 -0.65 0.00	22.84 -0.63 0.00	23.49 -0.75 0.00	24.52 -0.91 0.00	24.59 -0.94 0.00	25.15 -0.94 0.71	25.85 -0.89 0.25	26.01 -0.87 0.25	26.26 -0.87 0.00	28.71 -0.96 0.14	31.33 -1.02 0.60	24.98 -1.27 14.63	32.45 -1.15 4.65	25.43 -1.09 9.96	32.60 -1.08 2.30	30.39 -0.94 0.06	27.98 -0.86 0.00	25.61 -0.91 0.25
SITHE_IND_GS4 24172	26.31 -0.59 0.00	24.62 -0.66 0.00	22.94 -0.61 0.00	21.76 -0.58 0.00	21.67 -0.60 0.00	21.66 -0.60 0.00	22.54 -0.65 0.00	22.84 -0.63 0.00	23.49 -0.75 0.00	24.52 -0.91 0.00	24.59 -0.94 0.00	25.15 -0.94 0.71	25.85 -0.89 0.25	26.01 -0.87 0.25	26.26 -0.87 0.00	28.71 -0.96 0.14	31.33 -1.02 0.60	24.98 -1.27 14.63	32.45 -1.15 4.65	25.43 -1.09 9.96	32.60 -1.08 2.30	30.39 -0.94 0.06	27.98 -0.86 0.00	25.61 -0.91 0.25



SITHE___BATAVIA 24024	26.58 -0.32 0.00	24.62 -0.66 0.00	22.85 -0.71 0.00	21.56 -0.78 0.00	21.38 -0.89 0.00	21.43 -0.82 0.00	22.17 -1.02 0.00	22.49 -0.98 0.00	23.01 -1.24 0.00	24.11 -1.32 0.00	24.08 -1.45 0.00	25.52 -1.18 0.10	25.96 -1.00 0.03	26.09 -1.00 0.03	26.23 -0.89 0.00	28.67 -1.13 0.01	31.71 -1.15 0.08	36.27 -1.76 2.84	36.30 -1.30 0.64	33.79 -1.31 1.38	34.76 -0.90 0.32	30.67 -0.72 0.01	28.35 -0.49 0.00	25.96 -0.78 0.03
SITHE___INDEPEND 23800	26.29 -0.62 0.00	24.62 -0.66 0.00	22.94 -0.61 0.00	21.74 -0.60 0.00	21.67 -0.60 0.00	21.65 -0.60 0.00	22.54 -0.65 0.00	22.81 -0.66 0.00	23.54 -0.70 0.00	24.62 -0.81 0.00	24.59 -0.94 0.00	25.15 -0.94 0.71	25.85 -0.89 0.25	26.01 -0.87 0.25	26.26 -0.87 0.00	28.71 -0.95 0.14	31.33 -1.02 0.60	24.98 -1.27 14.63	32.44 -1.15 4.65	25.43 -1.09 9.96	32.60 -1.08 2.30	30.39 -0.94 0.06	27.97 -0.87 0.00	25.64 -0.88 0.25
SITHE___MASSENA 23902	26.72 -0.19 0.00	25.38 0.10 0.00	23.65 0.09 0.00	22.41 0.07 0.00	22.32 0.04 0.00	22.26 0.00 0.00	23.21 0.02 0.00	23.42 -0.05 0.00	24.17 -0.07 0.00	25.46 0.03 0.00	25.56 0.03 0.00	26.64 -0.16 0.00	26.58 -0.40 0.00	26.53 -0.60 0.00	26.47 -0.65 0.00	28.94 -0.87 0.00	32.09 -0.86 0.00	40.01 -0.86 0.00	37.48 -0.76 0.00	35.83 -0.66 0.00	35.47 -0.50 0.00	30.96 -0.44 0.00	28.50 -0.34 0.00	26.72 -0.05 0.00
SITHE___OGDNSBRG 24021	26.85 -0.05 0.00	25.54 0.25 0.00	23.79 0.24 0.00	22.52 0.18 0.00	22.43 0.16 0.00	22.34 0.09 0.00	23.35 0.16 0.00	23.56 0.09 0.00	24.29 0.05 0.00	25.59 0.15 0.00	25.64 0.10 0.00	26.69 -0.11 0.00	26.61 -0.38 0.00	26.53 -0.60 0.00	26.39 -0.73 0.00	28.86 -0.95 0.00	32.06 -0.89 0.00	40.18 -0.69 0.00	37.74 -0.50 0.00	36.12 -0.36 0.00	35.76 -0.22 0.00	31.18 -0.22 0.00	28.64 -0.20 0.00	26.85 0.08 0.00
SITHE___STERLING 23777	27.58 0.67 0.00	25.84 0.56 0.00	24.05 0.50 0.00	22.76 0.42 0.00	22.68 0.40 0.00	22.68 0.42 0.00	23.65 0.46 0.00	23.94 0.47 0.00	24.65 0.41 0.00	25.84 0.41 0.00	25.89 0.36 0.00	27.20 0.43 0.02	27.55 0.57 0.01	27.69 0.57 0.01	27.59 0.46 0.00	30.35 0.54 0.00	33.59 0.66 0.02	41.37 0.94 0.45	39.13 1.03 0.14	37.17 0.99 0.30	36.84 0.93 0.07	32.21 0.81 0.00	29.56 0.72 0.00	27.30 0.54 0.01
SLEIGHT__34_KV_TB1 80719	26.31 -0.59 0.00	24.57 -0.71 0.00	22.82 -0.73 0.00	21.60 -0.74 0.00	21.47 -0.80 0.00	21.48 -0.78 0.00	22.35 -0.83 0.00	22.63 -0.84 0.00	23.22 -1.02 0.00	24.36 -1.07 0.00	24.41 -1.12 0.00	25.80 -0.91 0.08	26.15 -0.81 0.03	26.26 -0.84 0.03	26.29 -0.84 0.00	28.88 -0.92 0.01	32.06 -0.82 0.07	37.51 -1.19 2.18	36.79 -0.92 0.53	34.44 -0.91 1.13	34.96 -0.76 0.26	30.64 -0.75 0.01	28.23 -0.61 0.00	25.97 -0.78 0.03
SOUTH CAIRO___GT 23612	28.14 1.24 0.00	26.45 1.16 0.00	24.59 1.04 0.00	23.39 1.05 0.00	23.34 1.07 0.00	23.30 1.05 0.00	24.21 1.02 0.00	24.34 0.87 0.00	25.23 0.99 0.00	26.42 0.99 0.00	26.61 1.07 0.00	27.76 0.96 0.00	28.12 1.13 0.00	28.32 1.19 0.00	28.40 1.27 0.00	31.42 1.52 -0.09	34.86 1.91 0.00	43.65 2.78 0.00	44.00 2.56 -3.20	41.50 2.44 -2.57	38.71 2.30 -0.43	33.37 1.98 0.00	30.57 1.73 0.00	28.22 1.45 0.00
SOUTH HAMPTN___IC 23720	34.14 2.34 -4.89	30.85 1.82 -3.75	28.73 1.72 -3.46	26.32 1.63 -2.35	27.06 1.65 -3.14	25.73 1.69 -1.78	25.70 1.83 -0.68	25.51 1.88 -0.16	29.71 2.01 -3.46	34.02 2.37 -6.22	35.51 2.76 -7.22	37.72 3.05 -7.87	38.94 3.37 -8.58	40.49 3.61 -9.75	41.43 3.69 -10.62	41.64 4.17 -7.66	43.58 4.55 -6.08	63.63 5.44 -17.32	44.17 4.43 -1.50	41.59 3.91 -1.20	39.71 3.63 -0.10	35.69 3.36 -0.94	32.42 2.68 -0.90	32.03 2.30 -2.95
SOUTHDOW_115KV_TB1 355954	27.60 0.70 0.00	25.54 0.25 0.00	23.74 0.19 0.00	22.38 0.04 0.00	22.14 -0.13 0.00	22.26 0.00 0.00	22.84 -0.35 0.00	23.16 -0.31 0.00	23.54 -0.70 0.00	24.64 -0.79 0.00	24.80 -0.74 0.00	25.64 -1.07 0.08	26.39 -0.57 0.03	26.58 -0.52 0.03	26.75 -0.38 0.00	29.00 -0.80 0.00	31.59 -1.28 0.07	35.83 -2.04 3.00	36.60 -1.38 0.26	34.31 -1.24 0.93	34.63 -1.08 0.27	31.26 -0.13 0.01	28.96 0.12 0.00	26.34 -0.40 0.03
SOUTHOLD_69_KV_BK 2 55809	34.57 2.77 -4.89	31.26 2.22 -3.75	29.07 2.05 -3.46	26.66 1.97 -2.35	27.39 1.98 -3.14	26.04 2.00 -1.78	26.00 2.13 -0.68	25.83 2.21 -0.16	30.00 2.30 -3.46	34.32 2.67 -6.22	36.02 3.27 -7.22	38.34 3.67 -7.87	39.56 3.99 -8.58	41.06 4.18 -9.75	42.03 4.29 -10.62	42.21 4.74 -7.66	44.23 5.21 -6.08	64.45 6.25 -17.33	44.90 5.16 -1.50	42.25 4.56 -1.20	40.36 4.28 -0.10	36.10 3.77 -0.94	32.71 2.97 -0.90	32.32 2.60 -2.95
SOUTHOLD___IC 23719	34.60 2.80 -4.89	31.26 2.23 -3.75	29.06 2.05 -3.46	26.63 1.94 -2.35	27.39 1.98 -3.14	26.04 2.00 -1.78	26.00 2.13 -0.68	25.81 2.18 -0.16	30.03 2.33 -3.46	34.42 2.77 -6.22	36.05 3.30 -7.22	38.34 3.67 -7.87	39.56 3.99 -8.58	41.11 4.23 -9.75	42.03 4.28 -10.62	42.21 4.74 -7.66	44.27 5.24 -6.08	64.45 6.25 -17.33	44.90 5.16 -1.50	42.17 4.49 -1.20	40.22 4.14 -0.10	36.10 3.77 -0.94	32.74 3.00 -0.90	32.29 2.57 -2.95
SOUTH_FORK_WT_PWR 323839	34.55 2.75 -4.89	31.21 2.17 -3.75	29.02 2.00 -3.46	26.59 1.90 -2.35	27.33 1.92 -3.14	25.97 1.94 -1.78	25.93 2.06 -0.68	25.72 2.09 -0.16	29.93 2.23 -3.46	34.35 2.69 -6.22	35.94 3.19 -7.22	38.23 3.56 -7.87	39.45 3.89 -8.58	40.98 4.10 -9.75	41.86 4.12 -10.62	42.03 4.56 -7.66	44.07 5.04 -6.08	64.21 6.01 -17.32	44.71 4.97 -1.50	41.88 4.19 -1.20	39.97 3.89 -0.10	35.88 3.55 -0.94	32.51 2.77 -0.90	32.13 2.41 -2.95
SPIERFLS_115KV_TB 1 80737	28.82 1.91 0.00	27.03 1.74 0.00	25.11 1.55 0.00	23.81 1.47 0.00	23.77 1.49 0.00	23.81 1.56 0.00	24.86 1.67 0.00	25.00 1.53 0.00	26.11 1.87 0.00	27.39 1.96 0.00	27.30 1.76 0.00	28.70 1.90 0.00	28.82 1.84 0.00	29.03 1.90 0.00	29.08 1.95 0.00	32.08 2.18 -0.10	35.45 2.50 0.00	44.10 3.23 0.00	48.51 3.59 -6.67	45.27 3.43 -5.36	40.77 3.63 -1.16	34.50 3.11 0.00	31.52 2.68 0.00	28.91 2.14 0.00
ST LAWRENCE____ 23600	26.50 -0.40 0.00	25.16 -0.13 0.00	23.44 -0.12 0.00	22.21 -0.13 0.00	22.14 -0.13 0.00	22.08 -0.18 0.00	23.00 -0.19 0.00	23.26 -0.21 0.00	24.00 -0.24 0.00	25.26 -0.18 0.00	25.33 -0.21 0.00	26.45 -0.35 0.00	26.39 -0.59 0.00	26.40 -0.73 0.00	26.37 -0.76 0.00	28.89 -0.92 0.00	31.93 -1.02 0.00	39.81 -1.06 0.00	37.29 -0.95 0.00	35.61 -0.88 0.00	35.22 -0.76 0.00	30.74 -0.66 0.00	28.26 -0.58 0.00	26.50 -0.27 0.00
STATE_CA_115KV_115_LB 55624	27.34 0.43 0.00	25.61 0.33 0.00	23.86 0.31 0.00	22.72 0.38 0.00	22.68 0.40 0.00	22.70 0.45 0.00	23.67 0.49 0.00	23.94 0.47 0.00	24.82 0.58 0.00	25.99 0.56 0.00	26.23 0.69 0.00	27.52 0.72 0.00	27.85 0.86 0.00	28.08 0.95 0.00	28.13 1.00 0.00	31.04 1.13 -0.09	34.20 1.25 0.00	42.35 1.47 0.00	44.57 1.34 -4.99	41.77 1.28 -4.01	37.96 1.19 -0.80	32.40 1.00 0.00	29.71 0.87 0.00	27.41 0.64 0.00



STATE_ST_34_KV_LOAD 55959	26.80 -0.11 0.00	25.08 -0.20 0.00	23.34 -0.21 0.00	22.09 -0.25 0.00	22.01 -0.27 0.00	22.01 -0.24 0.00	22.93 -0.26 0.00	23.21 -0.26 0.00	23.90 -0.34 0.00	25.03 -0.41 0.00	25.05 -0.49 0.00	26.39 -0.40 0.00	26.69 -0.30 0.00	26.85 -0.27 0.00	26.85 -0.27 0.00	29.55 -0.27 -0.01	32.75 -0.20 0.00	40.30 -0.25 0.33	38.09 -0.15 0.00	36.34 -0.15 0.00	35.83 -0.14 0.00	31.27 -0.13 0.00	28.78 -0.06 0.00	26.48 -0.29 0.00
STATION_5_MISC_HYD 23604	26.39 -0.51 0.00	24.57 -0.71 0.00	22.80 -0.75 0.00	21.56 -0.78 0.00	21.43 -0.85 0.00	21.43 -0.82 0.00	22.26 -0.93 0.00	22.55 -0.92 0.00	23.15 -1.09 0.00	24.26 -1.17 0.00	24.26 -1.28 0.00	25.75 -0.94 0.10	26.09 -0.86 0.04	26.17 -0.92 0.04	26.26 -0.87 0.00	28.81 -0.98 0.01	31.94 -0.92 0.09	36.72 -1.35 2.80	36.52 -1.03 0.69	33.99 -1.02 1.48	34.84 -0.79 0.34	30.57 -0.82 0.01	28.21 -0.63 0.00	25.96 -0.78 0.04
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.66 -0.24 0.00	24.90 -0.38 0.00	23.13 -0.42 0.00	21.87 -0.47 0.00	21.74 -0.53 0.00	21.77 -0.49 0.00	22.61 -0.58 0.00	22.91 -0.56 0.00	23.51 -0.73 0.00	24.64 -0.79 0.00	24.69 -0.84 0.00	26.10 -0.62 0.08	26.47 -0.49 0.03	26.56 -0.54 0.03	26.61 -0.52 0.00	29.20 -0.60 0.01	32.42 -0.46 0.07	37.83 -0.74 2.31	37.22 -0.50 0.52	34.86 -0.51 1.11	35.40 -0.32 0.26	31.04 -0.35 0.01	28.61 -0.23 0.00	26.26 -0.48 0.03
STA_56_34_KV_BUS2_REV_LBMP_B 345033	26.23 -0.67 0.00	24.47 -0.81 0.00	22.73 -0.82 0.00	21.49 -0.85 0.00	21.36 -0.91 0.00	21.37 -0.89 0.00	22.19 -1.00 0.00	22.46 -1.01 0.00	23.03 -1.21 0.00	24.14 -1.30 0.00	24.21 -1.33 0.00	25.67 -1.02 0.10	26.01 -0.94 0.04	26.09 -1.00 0.04	26.18 -0.95 0.00	28.72 -1.07 0.01	31.87 -0.99 0.09	36.63 -1.47 2.77	36.41 -1.15 0.68	33.86 -1.17 1.46	34.71 -0.94 0.34	30.48 -0.91 0.01	28.09 -0.75 0.00	25.85 -0.88 0.04
STA_56___34_KV_BUS2 355983	26.23 -0.67 0.00	24.47 -0.81 0.00	22.73 -0.82 0.00	21.49 -0.85 0.00	21.36 -0.91 0.00	21.37 -0.89 0.00	22.19 -1.00 0.00	22.46 -1.01 0.00	23.03 -1.21 0.00	24.14 -1.30 0.00	24.21 -1.33 0.00	25.67 -1.02 0.10	26.01 -0.94 0.04	26.09 -1.00 0.04	26.18 -0.95 0.00	28.72 -1.07 0.01	31.87 -0.99 0.09	36.63 -1.47 2.77	36.41 -1.15 0.68	33.86 -1.17 1.46	34.71 -0.94 0.34	30.48 -0.91 0.01	28.09 -0.75 0.00	25.85 -0.88 0.04
STA_67___115KV_BK2 355882	26.31 -0.59 0.00	24.52 -0.76 0.00	22.78 -0.78 0.00	21.54 -0.80 0.00	21.38 -0.89 0.00	21.41 -0.85 0.00	22.21 -0.97 0.00	22.48 -0.99 0.00	23.03 -1.21 0.00	24.14 -1.30 0.00	24.21 -1.33 0.00	25.70 -0.99 0.11	26.03 -0.92 0.04	26.11 -0.98 0.04	26.20 -0.92 0.00	28.75 -1.04 0.01	31.90 -0.96 0.09	36.60 -1.47 2.81	36.44 -1.11 0.69	33.87 -1.13 1.48	34.74 -0.90 0.34	30.51 -0.88 0.01	28.15 -0.69 0.00	25.90 -0.83 0.04
STA_7___115KV_9TRANS 80674	26.45 -0.46 0.00	24.65 -0.63 0.00	22.87 -0.68 0.00	21.63 -0.71 0.00	21.50 -0.78 0.00	21.50 -0.76 0.00	22.33 -0.86 0.00	22.63 -0.84 0.00	23.15 -1.09 0.00	24.29 -1.14 0.00	24.36 -1.17 0.00	25.86 -0.83 0.10	26.22 -0.73 0.04	26.28 -0.81 0.04	26.37 -0.76 0.00	28.93 -0.86 0.01	32.13 -0.72 0.09	36.89 -1.19 2.80	36.71 -0.84 0.69	34.13 -0.88 1.48	35.02 -0.61 0.34	30.73 -0.66 0.01	28.35 -0.49 0.00	26.06 -0.67 0.04
STA_82___115KV_TB1 80780	26.31 -0.59 0.00	24.52 -0.76 0.00	22.78 -0.78 0.00	21.54 -0.80 0.00	21.41 -0.87 0.00	21.41 -0.85 0.00	22.21 -0.97 0.00	22.51 -0.96 0.00	23.05 -1.19 0.00	24.16 -1.27 0.00	24.23 -1.30 0.00	25.70 -0.99 0.10	26.03 -0.92 0.04	26.11 -0.98 0.04	26.20 -0.92 0.00	28.75 -1.04 0.01	31.91 -0.96 0.09	36.62 -1.47 2.78	36.45 -1.11 0.68	33.89 -1.13 1.46	34.78 -0.86 0.34	30.54 -0.85 0.01	28.15 -0.69 0.00	25.93 -0.80 0.04
STEEL___WIND 323596	26.55 -0.35 0.00	24.50 -0.78 0.00	22.78 -0.78 0.00	21.49 -0.85 0.00	21.30 -0.98 0.00	21.36 -0.89 0.00	22.03 -1.16 0.00	22.32 -1.15 0.00	22.79 -1.45 0.00	23.86 -1.58 0.00	23.80 -1.74 0.00	24.91 -1.80 0.09	25.53 -1.43 0.03	25.82 -1.27 0.03	26.01 -1.11 0.00	28.25 -1.55 0.01	30.90 -1.98 0.07	35.06 -2.90 2.92	35.54 -2.37 0.33	33.21 -2.23 1.05	33.75 -1.94 0.29	30.26 -1.13 0.01	28.00 -0.84 0.00	25.62 -1.12 0.03
STEPHTWN_115KV_BK_2 55603	27.52 0.62 0.00	25.79 0.51 0.00	24.00 0.45 0.00	22.83 0.49 0.00	22.81 0.53 0.00	22.83 0.58 0.00	23.84 0.65 0.00	24.08 0.61 0.00	25.02 0.78 0.00	26.20 0.76 0.00	26.43 0.89 0.00	27.71 0.91 0.00	28.04 1.05 0.00	28.27 1.14 0.00	28.32 1.19 0.00	31.24 1.34 -0.09	34.43 1.48 0.00	42.71 1.84 0.00	44.14 1.68 -4.21	41.47 1.61 -3.38	38.12 1.51 -0.63	32.68 1.29 0.00	29.94 1.10 0.00	27.60 0.83 0.00
STEUBEN_REC_LFGE 323667	27.87 0.97 0.00	25.99 0.71 0.00	24.19 0.64 0.00	22.79 0.45 0.00	22.56 0.29 0.00	22.63 0.38 0.00	23.44 0.26 0.00	23.63 0.16 0.00	24.14 -0.10 0.00	25.28 -0.15 0.00	25.33 -0.20 0.00	26.05 -0.70 0.05	26.65 -0.32 0.02	26.92 -0.19 0.02	27.02 -0.11 0.00	29.31 -0.51 0.00	32.11 -0.79 0.05	34.86 -1.10 4.91	37.67 -0.57 0.00	35.65 -0.36 0.47	35.36 -0.47 0.14	31.27 -0.13 0.00	28.70 -0.14 0.00	25.92 -0.83 0.02
STILLWATER___SOLAR 323814	28.49 1.59 0.00	26.67 1.39 0.00	24.82 1.27 0.00	23.57 1.23 0.00	23.52 1.25 0.00	23.55 1.29 0.00	24.55 1.37 0.00	24.76 1.29 0.00	25.79 1.55 0.00	27.08 1.65 0.00	27.09 1.56 0.00	28.49 1.69 0.00	28.74 1.75 0.00	29.00 1.87 0.00	29.02 1.90 0.00	31.99 2.09 -0.10	35.32 2.37 0.00	43.86 2.98 0.00	47.65 3.02 -6.39	44.54 2.92 -5.13	39.99 2.91 -1.10	33.91 2.51 0.00	31.03 2.19 0.00	28.54 1.77 0.00
STONY___BROOK 24151	33.98 2.18 -4.89	30.73 1.69 -3.75	28.64 1.62 -3.46	26.23 1.54 -2.35	26.97 1.56 -3.14	25.64 1.60 -1.78	25.61 1.74 -0.68	25.46 1.83 -0.16	29.66 1.96 -3.46	33.91 2.26 -6.22	35.23 2.48 -7.22	37.34 2.68 -7.87	38.59 3.02 -8.58	40.16 3.28 -9.75	41.13 3.39 -10.62	41.34 3.87 -7.66	42.89 4.22 -5.72	65.56 4.98 -19.70	43.87 4.13 -1.50	41.37 3.68 -1.20	39.53 3.45 -0.10	35.47 3.14 -0.94	32.42 2.68 -0.90	32.00 2.27 -2.95
STURGEON_POOL_HYD 23609	28.22 1.32 0.00	26.22 0.94 0.00	24.45 0.90 0.00	23.21 0.87 0.00	23.17 0.89 0.00	23.15 0.89 0.00	24.07 0.88 0.00	24.43 0.96 0.00	25.28 1.04 0.00	26.70 1.27 0.00	27.02 1.48 0.00	28.40 1.61 0.00	28.90 1.92 0.00	29.21 2.09 0.00	29.32 2.20 0.00	32.39 2.50 -0.07	35.58 2.64 0.00	44.02 3.15 0.00	42.68 2.56 -1.88	40.37 2.37 -1.51	38.31 2.16 -0.18	33.28 1.88 0.00	30.51 1.67 0.00	28.19 1.42 0.00
ST_LAW_115_BK7_LBMP 345037	26.47 -0.43 0.00	25.16 -0.13 0.00	23.44 -0.12 0.00	22.21 -0.13 0.00	22.14 -0.13 0.00	22.06 -0.20 0.00	23.00 -0.19 0.00	23.24 -0.23 0.00	24.00 -0.24 0.00	25.23 -0.20 0.00	25.33 -0.21 0.00	26.42 -0.38 0.00	26.37 -0.62 0.00	26.34 -0.79 0.00	26.31 -0.81 0.00	28.83 -0.98 0.00	31.89 -1.06 0.00	39.73 -1.14 0.00	37.21 -1.03 0.00	35.57 -0.91 0.00	35.18 -0.79 0.00	30.71 -0.69 0.00	28.26 -0.58 0.00	26.48 -0.29 0.00



ST_LAW_115_BK8_LBMP 345038	26.47 -0.43 0.00	25.16 -0.13 0.00	23.44 -0.12 0.00	22.21 -0.13 0.00	22.14 -0.13 0.00	22.06 -0.20 0.00	23.00 -0.19 0.00	23.24 -0.23 0.00	24.00 -0.24 0.00	25.23 -0.20 0.00	25.33 -0.21 0.00	26.42 -0.38 0.00	26.37 -0.62 0.00	26.34 -0.79 0.00	26.31 -0.81 0.00	28.83 -0.98 0.00	31.89 -1.06 0.00	39.73 -1.14 0.00	37.21 -1.03 0.00	35.57 -0.91 0.00	35.18 -0.79 0.00	30.71 -0.69 0.00	28.26 -0.58 0.00	26.48 -0.29 0.00
ST_LAW_230_BK5_LBMP 345035	26.50 -0.40 0.00	25.16 -0.13 0.00	23.44 -0.12 0.00	22.21 -0.13 0.00	22.14 -0.13 0.00	22.08 -0.18 0.00	23.00 -0.19 0.00	23.26 -0.21 0.00	24.00 -0.24 0.00	25.26 -0.18 0.00	25.33 -0.21 0.00	26.45 -0.35 0.00	26.39 -0.59 0.00	26.40 -0.73 0.00	26.37 -0.76 0.00	28.89 -0.92 0.00	31.93 -1.02 0.00	39.81 -1.06 0.00	37.29 -0.95 0.00	35.61 -0.88 0.00	35.22 -0.76 0.00	30.74 -0.66 0.00	28.26 -0.58 0.00	26.50 -0.27 0.00
ST_LAW_230_BK6_LBMP 345036	26.50 -0.40 0.00	25.16 -0.13 0.00	23.44 -0.12 0.00	22.21 -0.13 0.00	22.14 -0.13 0.00	22.08 -0.18 0.00	23.00 -0.19 0.00	23.26 -0.21 0.00	24.00 -0.24 0.00	25.26 -0.18 0.00	25.33 -0.21 0.00	26.45 -0.35 0.00	26.39 -0.59 0.00	26.40 -0.73 0.00	26.37 -0.76 0.00	28.89 -0.92 0.00	31.93 -1.02 0.00	39.81 -1.06 0.00	37.29 -0.95 0.00	35.61 -0.88 0.00	35.22 -0.76 0.00	30.74 -0.66 0.00	28.26 -0.58 0.00	26.50 -0.27 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	28.17 1.26 0.00	26.19 0.91 0.00	24.42 0.87 0.00	23.17 0.83 0.00	23.12 0.85 0.00	23.12 0.87 0.00	24.09 0.90 0.00	24.46 0.99 0.00	25.33 1.09 0.00	26.65 1.22 0.00	26.94 1.40 0.00	28.35 1.55 0.00	28.82 1.84 0.00	29.11 1.98 0.00	29.19 2.06 0.00	32.23 2.35 -0.07	35.42 2.47 0.00	43.82 2.94 0.00	42.13 2.52 -1.37	39.92 2.33 -1.10	38.23 2.16 -0.09	33.25 1.85 0.00	30.48 1.64 0.00	28.11 1.34 0.00
SWANROAD_115KV_TB1 355699	25.59 -1.32 0.00	23.71 -1.57 0.00	22.02 -1.53 0.00	20.80 -1.54 0.00	20.60 -1.67 0.00	20.68 -1.58 0.00	21.33 -1.85 0.00	21.55 -1.92 0.00	21.89 -2.35 0.00	22.94 -2.49 0.00	23.03 -2.50 0.00	24.42 -2.28 0.09	24.82 -2.13 0.03	25.00 -2.09 0.03	25.23 -1.90 0.00	27.53 -2.27 0.01	30.30 -2.57 0.08	34.18 -3.80 2.89	34.75 -3.10 0.40	32.23 -3.10 1.15	32.97 -2.70 0.31	29.32 -2.07 0.01	27.14 -1.70 0.00	24.97 -1.77 0.03
SYNERGY___BIOGAS 323694	26.58 -0.32 0.00	24.62 -0.66 0.00	22.85 -0.71 0.00	21.56 -0.78 0.00	21.38 -0.89 0.00	21.43 -0.82 0.00	22.17 -1.02 0.00	22.49 -0.98 0.00	23.01 -1.24 0.00	24.11 -1.32 0.00	24.08 -1.45 0.00	25.52 -1.18 0.10	25.96 -1.00 0.03	26.09 -1.00 0.03	26.23 -0.89 0.00	28.67 -1.13 0.01	31.71 -1.15 0.08	36.27 -1.76 2.84	36.30 -1.30 0.64	33.79 -1.31 1.38	34.76 -0.90 0.32	30.67 -0.72 0.01	28.35 -0.49 0.00	25.96 -0.78 0.03
SYRACUSE___ENERGY_ST1 323597	26.80 -0.11 0.00	25.08 -0.20 0.00	23.34 -0.21 0.00	22.12 -0.22 0.00	22.03 -0.25 0.00	22.03 -0.22 0.00	22.93 -0.26 0.00	23.21 -0.26 0.00	23.93 -0.32 0.00	25.05 -0.38 0.00	25.05 -0.49 0.00	26.37 -0.43 0.00	26.66 -0.32 0.00	26.83 -0.30 0.00	26.83 -0.30 0.00	29.52 -0.30 -0.01	32.68 -0.26 0.00	40.51 -0.37 0.00	37.97 -0.27 0.00	36.23 -0.26 0.00	35.72 -0.25 0.00	31.18 -0.22 0.00	28.70 -0.14 0.00	26.45 -0.32 0.00
SYRACUSE___ENERGY_ST2 323598	26.80 -0.11 0.00	25.08 -0.20 0.00	23.34 -0.21 0.00	22.12 -0.22 0.00	22.03 -0.25 0.00	22.03 -0.22 0.00	22.93 -0.26 0.00	23.21 -0.26 0.00	23.93 -0.32 0.00	25.05 -0.38 0.00	25.05 -0.49 0.00	26.37 -0.43 0.00	26.66 -0.32 0.00	26.83 -0.30 0.00	26.83 -0.30 0.00	29.52 -0.30 -0.01	32.68 -0.26 0.00	40.51 -0.37 0.00	37.97 -0.27 0.00	36.23 -0.26 0.00	35.72 -0.25 0.00	31.18 -0.22 0.00	28.70 -0.14 0.00	26.45 -0.32 0.00
SYRACUSE___POWER 24017	26.80 -0.11 0.00	25.05 -0.23 0.00	23.34 -0.21 0.00	22.12 -0.22 0.00	22.01 -0.27 0.00	22.01 -0.24 0.00	22.93 -0.26 0.00	23.21 -0.26 0.00	23.93 -0.32 0.00	25.05 -0.38 0.00	25.05 -0.49 0.00	26.34 -0.43 0.03	26.65 -0.32 0.01	26.82 -0.30 0.01	26.83 -0.30 0.00	29.51 -0.30 0.00	32.66 -0.26 0.03	40.07 -0.37 0.43	37.77 -0.27 0.21	35.79 -0.26 0.44	35.62 -0.25 0.10	31.17 -0.22 0.00	28.67 -0.17 0.00	26.44 -0.32 0.01
TALLMAN___138KV_BK151 55660	28.33 1.43 0.00	26.29 1.01 0.00	24.52 0.97 0.00	23.28 0.94 0.00	23.23 0.96 0.00	23.26 1.00 0.00	24.23 1.04 0.00	24.62 1.15 0.00	25.48 1.24 0.00	26.83 1.61 0.00	27.15 1.80 0.00	28.59 2.08 0.00	29.07 2.25 0.00	29.38 2.36 0.00	29.49 2.68 0.00	32.56 2.80 -0.07	35.75 3.31 0.00	44.19 5.27 0.00	42.49 4.32 -1.42	40.25 3.90 -1.14	38.48 3.67 -0.10	33.47 3.27 0.00	30.69 2.62 0.00	28.30 2.25 0.00
TEALLAVE_115KV_TB7 355573	26.69 -0.22 0.00	24.98 -0.30 0.00	23.27 -0.28 0.00	22.05 -0.29 0.00	21.94 -0.33 0.00	21.94 -0.31 0.00	22.86 -0.32 0.00	23.14 -0.33 0.00	23.83 -0.41 0.00	24.97 -0.46 0.00	24.97 -0.56 0.00	26.24 -0.51 0.04	26.54 -0.43 0.01	26.73 -0.38 0.01	26.75 -0.38 0.00	29.42 -0.39 0.00	32.52 -0.40 0.04	39.47 -0.53 0.87	37.54 -0.42 0.28	35.49 -0.40 0.59	35.44 -0.40 0.14	31.05 -0.35 0.00	28.55 -0.29 0.00	26.33 -0.43 0.01
TELGRAPH_34_KV_EAST 80808	26.18 -0.73 0.00	24.30 -0.99 0.00	22.54 -1.01 0.00	21.29 -1.05 0.00	21.09 -1.18 0.00	21.14 -1.11 0.00	21.86 -1.32 0.00	22.11 -1.36 0.00	22.50 -1.75 0.00	23.58 -1.86 0.00	23.67 -1.86 0.00	25.09 -1.61 0.10	25.55 -1.40 0.03	25.68 -1.41 0.03	25.88 -1.25 0.00	28.25 -1.55 0.01	31.19 -1.68 0.08	35.40 -2.62 2.86	35.79 -2.03 0.42	33.25 -2.04 1.19	34.01 -1.65 0.31	30.13 -1.26 0.01	27.86 -0.98 0.00	25.58 -1.15 0.03
TEMPLE___115KV_TB 2 55572	26.72 -0.19 0.00	25.00 -0.28 0.00	23.27 -0.28 0.00	22.05 -0.29 0.00	21.96 -0.31 0.00	21.97 -0.29 0.00	22.86 -0.32 0.00	23.14 -0.33 0.00	23.85 -0.39 0.00	24.97 -0.46 0.00	24.97 -0.56 0.00	26.24 -0.51 0.04	26.57 -0.40 0.02	26.73 -0.38 0.02	26.75 -0.38 0.00	29.42 -0.39 0.00	32.55 -0.36 0.04	39.50 -0.49 0.89	37.58 -0.38 0.28	35.48 -0.40 0.60	35.44 -0.40 0.14	31.08 -0.31 0.00	28.58 -0.26 0.00	26.33 -0.43 0.02
TIANA____69_KV_BK 1 55817	34.03 2.23 -4.89	30.75 1.72 -3.75	28.66 1.65 -3.46	26.25 1.56 -2.35	26.99 1.58 -3.14	25.66 1.62 -1.78	25.65 1.79 -0.68	25.46 1.83 -0.16	29.61 1.91 -3.46	33.84 2.19 -6.22	35.38 2.63 -7.22	37.58 2.92 -7.87	38.80 3.24 -8.58	40.33 3.45 -9.75	41.32 3.58 -10.62	41.52 4.05 -7.66	43.44 4.42 -6.08	63.47 5.27 -17.32	44.06 4.32 -1.50	41.59 3.90 -1.20	39.75 3.67 -0.10	35.60 3.27 -0.94	32.37 2.62 -0.90	31.97 2.25 -2.95
TILDEN___115KV_TB1 80814	26.80 -0.11 0.00	25.05 -0.23 0.00	23.34 -0.21 0.00	22.12 -0.22 0.00	22.01 -0.27 0.00	22.01 -0.24 0.00	22.93 -0.26 0.00	23.21 -0.26 0.00	23.93 -0.32 0.00	25.05 -0.38 0.00	25.05 -0.49 0.00	26.34 -0.43 0.03	26.65 -0.32 0.01	26.82 -0.30 0.01	26.83 -0.30 0.00	29.51 -0.30 0.00	32.66 -0.26 0.03	40.07 -0.37 0.43	37.77 -0.27 0.21	35.79 -0.26 0.44	35.62 -0.25 0.10	31.17 -0.22 0.00	28.67 -0.17 0.00	26.44 -0.32 0.01



TRIGEN___CC 323695	33.76 1.96 -4.89	30.52 1.49 -3.75	28.43 1.41 -3.46	26.05 1.36 -2.35	26.79 1.38 -3.14	25.44 1.40 -1.78	25.35 1.48 -0.68	25.25 1.62 -0.16	29.45 1.75 -3.46	33.61 1.96 -6.22	34.92 2.17 -7.22	37.07 2.41 -7.86	38.26 2.70 -8.57	39.78 2.90 -9.75	40.72 2.98 -10.61	40.83 3.37 -7.65	40.30 3.56 -3.79	45.09 4.21 0.00	43.22 3.48 -1.50	40.94 3.25 -1.20	39.25 3.17 -0.10	35.10 2.76 -0.94	32.19 2.45 -0.90	31.78 2.06 -2.95
TRINITY___115KV___4 BK 55933	27.26 0.35 0.00	25.54 0.25 0.00	23.81 0.26 0.00	22.65 0.31 0.00	22.63 0.36 0.00	22.63 0.38 0.00	23.60 0.42 0.00	23.89 0.42 0.00	24.77 0.53 0.00	25.94 0.51 0.00	26.18 0.64 0.00	27.44 0.64 0.00	27.77 0.78 0.00	28.02 0.90 0.00	28.05 0.92 0.00	30.95 1.04 -0.09	34.10 1.15 0.00	42.22 1.35 0.00	43.76 1.19 -4.33	41.10 1.13 -3.48	37.68 1.04 -0.66	32.31 0.91 0.00	29.59 0.75 0.00	27.33 0.56 0.00
UNION___PROCESSING_DRP 323587	26.31 -0.59 0.00	24.55 -0.73 0.00	22.78 -0.78 0.00	21.54 -0.80 0.00	21.41 -0.87 0.00	21.41 -0.85 0.00	22.24 -0.95 0.00	22.51 -0.96 0.00	23.05 -1.19 0.00	24.16 -1.27 0.00	24.23 -1.30 0.00	25.70 -0.99 0.10	26.03 -0.92 0.04	26.11 -0.98 0.04	26.23 -0.90 0.00	28.78 -1.01 0.01	31.94 -0.92 0.09	36.67 -1.43 2.78	36.49 -1.07 0.68	33.94 -1.09 1.45	34.78 -0.86 0.34	30.54 -0.85 0.01	28.18 -0.66 0.00	25.93 -0.80 0.04
UPPER HUDSON___HYD 24058	28.84 1.94 0.00	27.03 1.74 0.00	25.11 1.55 0.00	23.81 1.47 0.00	23.77 1.49 0.00	23.81 1.56 0.00	24.86 1.67 0.00	24.99 1.52 0.00	26.11 1.87 0.00	27.44 2.01 0.00	27.30 1.76 0.00	28.70 1.90 0.00	28.82 1.84 0.00	29.05 1.93 0.00	29.08 1.95 0.00	32.08 2.17 -0.10	35.45 2.50 0.00	44.10 3.23 0.00	48.51 3.59 -6.67	45.27 3.43 -5.36	40.77 3.63 -1.16	34.51 3.11 0.00	31.52 2.68 0.00	28.91 2.14 0.00
UPPER RAQUET___HYD 24056	26.39 -0.51 0.00	25.11 -0.18 0.00	23.36 -0.19 0.00	22.12 -0.22 0.00	22.05 -0.22 0.00	21.97 -0.29 0.00	22.95 -0.23 0.00	23.16 -0.31 0.00	23.88 -0.36 0.00	25.18 -0.25 0.00	25.26 -0.28 0.00	26.29 -0.51 0.00	26.20 -0.78 0.00	26.10 -1.03 0.00	25.96 -1.17 0.00	28.41 -1.40 0.00	31.53 -1.42 0.00	39.53 -1.35 0.00	37.09 -1.15 0.00	35.50 -0.98 0.00	35.15 -0.83 0.00	30.64 -0.75 0.00	28.18 -0.66 0.00	26.42 -0.35 0.00
VALLEY44_115KV_TB2 355964	26.88 -0.03 0.00	24.88 -0.40 0.00	23.18 -0.38 0.00	21.85 -0.49 0.00	21.67 -0.60 0.00	21.77 -0.49 0.00	22.47 -0.72 0.00	22.70 -0.77 0.00	23.08 -1.16 0.00	24.08 -1.35 0.00	24.26 -1.28 0.00	24.71 -2.01 0.08	25.72 -1.24 0.03	26.07 -1.03 0.03	26.39 -0.73 0.00	28.37 -1.43 0.00	30.64 -2.24 0.07	34.69 -3.19 2.99	35.33 -2.68 0.24	33.04 -2.55 0.89	33.31 -2.41 0.26	30.60 -0.78 0.01	28.35 -0.49 0.00	25.62 -1.12 0.03
VALLEY___115KV_TB 1-4 80826	26.80 -0.11 0.00	25.13 -0.15 0.00	23.41 -0.14 0.00	22.21 -0.13 0.00	22.14 -0.13 0.00	22.14 -0.11 0.00	23.09 -0.09 0.00	23.35 -0.12 0.00	24.12 -0.12 0.00	25.31 -0.13 0.00	25.38 -0.15 0.00	26.64 -0.16 0.00	26.85 -0.13 0.00	26.96 -0.16 0.00	26.83 -0.30 0.00	29.45 -0.36 0.00	32.45 -0.49 0.00	40.30 -0.57 0.00	37.70 -0.54 0.00	36.01 -0.47 0.00	35.51 -0.47 0.00	31.05 -0.35 0.00	28.47 -0.37 0.00	26.39 -0.37 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	28.49 1.59 0.00	26.65 1.37 0.00	24.82 1.27 0.00	23.48 1.14 0.00	23.39 1.11 0.00	23.41 1.16 0.00	24.44 1.25 0.00	24.74 1.27 0.00	25.50 1.26 0.00	26.78 1.35 0.00	26.89 1.35 0.00	28.25 1.47 0.02	28.71 1.73 0.01	28.88 1.76 0.01	28.75 1.63 0.00	31.68 1.85 -0.03	34.94 2.01 0.01	43.21 2.66 0.32	42.07 2.64 -1.19	39.78 2.48 -0.82	38.49 2.41 -0.11	33.53 2.13 0.00	30.69 1.85 0.00	28.24 1.47 0.01
VISCHER___FERRY HYD 24020	27.90 1.00 0.00	26.12 0.83 0.00	24.33 0.78 0.00	23.12 0.78 0.00	23.12 0.85 0.00	23.10 0.85 0.00	24.11 0.93 0.00	24.38 0.91 0.00	25.31 1.07 0.00	26.58 1.15 0.00	26.71 1.18 0.00	28.06 1.26 0.00	28.36 1.38 0.00	28.64 1.52 0.00	28.64 1.52 0.00	31.63 1.73 -0.09	34.86 1.91 0.00	43.16 2.29 0.00	46.16 2.14 -5.78	43.17 2.04 -4.64	38.92 1.98 -0.97	33.09 1.69 0.00	30.34 1.50 0.00	27.98 1.21 0.00
V_A_10_SYNC_DSASP 323832	25.91 -0.99 0.00	23.99 -1.29 0.00	22.28 -1.27 0.00	21.07 -1.27 0.00	20.89 -1.38 0.00	20.94 -1.31 0.00	21.66 -1.53 0.00	21.94 -1.53 0.00	22.47 -1.77 0.00	23.52 -1.91 0.00	23.49 -2.04 0.00	25.03 -1.66 0.10	25.30 -1.65 0.04	25.43 -1.66 0.04	25.58 -1.55 0.00	28.10 -1.70 0.01	31.05 -1.81 0.09	35.27 -2.70 2.91	35.34 -2.22 0.68	32.87 -2.15 1.46	33.81 -1.83 0.34	29.72 -1.66 0.01	27.48 -1.36 0.00	25.40 -1.34 0.04
V_CMM_10_SYNC_DSASP 323787	26.58 -0.32 0.00	25.26 -0.03 0.00	23.53 -0.02 0.00	22.30 -0.04 0.00	22.23 -0.04 0.00	22.14 -0.11 0.00	23.09 -0.09 0.00	23.33 -0.14 0.00	24.10 -0.14 0.00	25.36 -0.08 0.00	25.44 -0.10 0.00	26.53 -0.27 0.00	26.47 -0.51 0.00	26.45 -0.68 0.00	26.42 -0.71 0.00	28.92 -0.89 0.00	31.99 -0.96 0.00	39.89 -0.98 0.00	37.36 -0.88 0.00	35.68 -0.80 0.00	35.33 -0.65 0.00	30.83 -0.56 0.00	28.38 -0.46 0.00	26.58 -0.19 0.00
V_CMP_10_SYNC_DSASP 323788	26.99 0.08 0.00	25.59 0.30 0.00	23.81 0.26 0.00	22.54 0.20 0.00	22.45 0.18 0.00	22.37 0.11 0.00	23.30 0.12 0.00	23.52 0.05 0.00	24.29 0.05 0.00	25.64 0.20 0.00	25.69 0.15 0.00	26.61 -0.19 0.00	26.42 -0.57 0.00	26.26 -0.87 0.00	26.10 -1.03 0.00	28.38 -1.43 0.00	31.47 -1.48 0.00	39.61 -1.27 0.00	37.29 -0.95 0.00	35.72 -0.77 0.00	35.55 -0.43 0.00	31.08 -0.31 0.00	28.64 -0.20 0.00	26.90 0.13 0.00
V_D_10_SYNC_DSASP 323841	26.72 -0.19 0.00	25.38 0.10 0.00	23.65 0.09 0.00	22.41 0.07 0.00	22.32 0.04 0.00	22.26 0.00 0.00	23.21 0.02 0.00	23.42 -0.05 0.00	24.17 -0.07 0.00	25.46 0.03 0.00	25.56 0.03 0.00	26.64 -0.16 0.00	26.58 -0.40 0.00	26.53 -0.60 0.00	26.47 -0.65 0.00	28.97 -0.83 0.00	32.09 -0.86 0.00	40.01 -0.86 0.00	37.48 -0.76 0.00	35.83 -0.66 0.00	35.47 -0.50 0.00	30.96 -0.44 0.00	28.50 -0.34 0.00	26.72 -0.05 0.00
V_E_10_SYNC_DSASP 323830	29.17 2.26 0.00	27.31 2.02 0.00	25.39 1.84 0.00	23.95 1.61 0.00	23.79 1.52 0.00	23.84 1.58 0.00	24.97 1.79 0.00	25.23 1.76 0.00	25.84 1.60 0.00	27.08 1.65 0.00	26.99 1.45 0.00	28.33 1.55 0.02	28.90 1.92 0.01	29.02 1.90 0.01	28.64 1.52 0.00	31.58 1.76 -0.02	35.04 2.11 0.02	45.59 3.15 -1.57	42.17 3.40 -0.53	39.98 3.28 -0.21	39.17 3.20 0.01	34.19 2.79 0.00	31.23 2.39 0.00	28.58 1.82 0.01
V_F_30_NSYNC___DSASP 323816	28.55 1.64 0.00	26.75 1.47 0.00	24.87 1.32 0.00	23.61 1.27 0.00	23.57 1.29 0.00	23.59 1.34 0.00	24.60 1.41 0.00	24.78 1.31 0.00	25.82 1.57 0.00	27.11 1.68 0.00	27.15 1.61 0.00	28.54 1.74 0.00	28.80 1.81 0.00	29.05 1.93 0.00	29.08 1.95 0.00	32.05 2.15 -0.10	35.39 2.44 0.00	43.94 3.07 0.00	47.83 3.14 -6.45	44.66 2.99 -5.18	40.11 3.02 -1.11	34.00 2.60 0.00	31.12 2.28 0.00	28.59 1.82 0.00



V_F_30_SYNC_DSASP 323786	27.34 0.43 0.00	25.61 0.33 0.00	23.86 0.31 0.00	22.72 0.38 0.00	22.68 0.40 0.00	22.70 0.45 0.00	23.67 0.49 0.00	23.94 0.47 0.00	24.82 0.58 0.00	25.99 0.56 0.00	26.23 0.69 0.00	27.52 0.72 0.00	27.85 0.86 0.00	28.08 0.95 0.00	28.13 1.00 0.00	31.04 1.13 -0.09	34.20 1.25 0.00	42.35 1.47 0.00	44.52 1.34 -4.94	41.73 1.28 -3.96	37.95 1.19 -0.79	32.40 1.00 0.00	29.71 0.87 0.00	27.41 0.64 0.00
V_XM_10_SYNC_DSASP 323789	26.99 0.08 0.00	25.59 0.30 0.00	23.81 0.26 0.00	22.54 0.20 0.00	22.45 0.18 0.00	22.37 0.11 0.00	23.30 0.12 0.00	23.52 0.05 0.00	24.29 0.05 0.00	25.64 0.20 0.00	25.69 0.15 0.00	26.61 -0.19 0.00	26.42 -0.57 0.00	26.26 -0.87 0.00	26.10 -1.03 0.00	28.38 -1.43 0.00	31.47 -1.48 0.00	39.61 -1.27 0.00	37.29 -0.95 0.00	35.72 -0.77 0.00	35.55 -0.43 0.00	31.08 -0.31 0.00	28.64 -0.20 0.00	26.90 0.13 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	28.41 1.51 0.00	26.39 1.11 0.00	24.59 1.04 0.00	23.35 1.01 0.00	23.30 1.02 0.00	23.30 1.05 0.00	24.30 1.11 0.00	24.67 1.20 0.00	25.55 1.31 0.00	26.91 1.48 0.00	27.22 1.69 0.00	28.65 1.85 0.00	29.15 2.16 0.00	29.46 2.33 0.00	29.57 2.44 0.00	32.65 2.77 -0.07	35.88 2.93 0.00	44.35 3.47 0.00	42.61 2.94 -1.43	40.41 2.77 -1.15	38.63 2.55 -0.10	33.56 2.17 0.00	30.80 1.96 0.00	28.38 1.61 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	28.60 1.70 0.00	26.50 1.21 0.00	24.68 1.13 0.00	23.46 1.12 0.00	23.41 1.14 0.00	23.41 1.16 0.00	24.42 1.23 0.00	24.85 1.38 0.00	25.74 1.50 0.00	27.14 1.70 0.00	27.45 1.92 0.00	28.94 2.14 0.00	29.44 2.46 0.00	29.78 2.66 0.00	29.89 2.77 0.00	33.01 3.13 -0.07	36.24 3.29 0.00	44.76 3.88 0.00	43.03 3.29 -1.50	40.75 3.06 -1.20	38.92 2.84 -0.10	33.81 2.42 0.00	31.00 2.16 0.00	28.54 1.77 0.00
W50THST__13_KV_LOAD 356117	28.71 1.80 0.00	26.60 1.31 0.00	24.78 1.22 0.00	23.55 1.21 0.00	23.50 1.23 0.00	23.50 1.25 0.00	24.53 1.34 0.00	24.97 1.50 0.00	25.84 1.60 0.00	27.26 1.83 0.00	27.55 2.02 0.00	29.07 2.28 0.00	29.58 2.59 0.00	29.92 2.79 0.00	30.03 2.90 0.00	33.16 3.28 -0.07	36.41 3.46 0.00	45.00 4.13 0.00	43.26 3.52 -1.50	40.90 3.21 -1.20	39.10 3.02 -0.10	33.94 2.54 0.00	31.12 2.28 0.00	28.64 1.87 0.00
WADING RIVER_IC_1 23522	33.63 1.83 -4.89	30.40 1.36 -3.75	28.31 1.29 -3.46	25.94 1.25 -2.35	26.68 1.27 -3.14	25.35 1.31 -1.78	25.35 1.49 -0.68	25.13 1.50 -0.16	29.32 1.62 -3.46	33.56 1.91 -6.22	34.97 2.22 -7.22	37.10 2.44 -7.87	38.32 2.75 -8.58	39.86 2.98 -9.75	40.83 3.09 -10.62	41.01 3.55 -7.66	42.88 3.85 -6.07	62.73 4.58 -17.28	43.45 3.71 -1.50	40.93 3.25 -1.20	39.10 3.02 -0.10	35.16 2.83 -0.94	31.99 2.25 -0.90	31.62 1.90 -2.95
WADING RIVER_IC_2 23547	33.63 1.83 -4.89	30.40 1.36 -3.75	28.31 1.29 -3.46	25.94 1.25 -2.35	26.68 1.27 -3.14	25.35 1.31 -1.78	25.35 1.49 -0.68	25.13 1.50 -0.16	29.32 1.62 -3.46	33.56 1.91 -6.22	34.97 2.22 -7.22	37.10 2.44 -7.87	38.32 2.75 -8.58	39.86 2.98 -9.75	40.83 3.09 -10.62	41.01 3.55 -7.66	42.88 3.85 -6.07	62.73 4.58 -17.28	43.45 3.71 -1.50	40.93 3.25 -1.20	39.10 3.02 -0.10	35.16 2.83 -0.94	31.99 2.25 -0.90	31.62 1.90 -2.95
WADING RIVER_IC_3 23601	33.63 1.83 -4.89	30.40 1.36 -3.75	28.31 1.29 -3.46	25.94 1.25 -2.35	26.68 1.27 -3.14	25.35 1.31 -1.78	25.35 1.49 -0.68	25.13 1.50 -0.16	29.32 1.62 -3.46	33.56 1.91 -6.22	34.97 2.22 -7.22	37.10 2.44 -7.87	38.32 2.75 -8.58	39.86 2.98 -9.75	40.83 3.09 -10.62	41.01 3.55 -7.66	42.88 3.85 -6.07	62.73 4.58 -17.28	43.45 3.71 -1.50	40.93 3.25 -1.20	39.10 3.02 -0.10	35.16 2.83 -0.94	31.99 2.25 -0.90	31.62 1.90 -2.95
WALDENNY_12_KV_BK2 80841	26.42 -0.48 0.00	24.47 -0.81 0.00	22.75 -0.80 0.00	21.47 -0.87 0.00	21.25 -1.02 0.00	21.34 -0.91 0.00	22.00 -1.18 0.00	22.25 -1.22 0.00	22.62 -1.62 0.00	23.68 -1.75 0.00	23.80 -1.74 0.00	24.97 -1.74 0.09	25.53 -1.43 0.03	25.79 -1.30 0.03	26.01 -1.11 0.00	28.28 -1.52 0.01	30.99 -1.88 0.08	35.10 -2.86 2.91	35.61 -2.29 0.34	33.20 -2.23 1.06	33.74 -1.94 0.29	30.26 -1.13 0.01	28.00 -0.84 0.00	25.64 -1.10 0.03
WALDEN__HYDRO 24148	28.28 1.37 0.00	26.29 1.01 0.00	24.52 0.97 0.00	23.28 0.94 0.00	23.23 0.96 0.00	23.21 0.96 0.00	24.18 1.00 0.00	24.53 1.06 0.00	25.40 1.16 0.00	26.76 1.32 0.00	27.07 1.53 0.00	28.46 1.66 0.00	28.93 1.94 0.00	29.21 2.09 0.00	29.30 2.17 0.00	32.38 2.50 -0.07	35.58 2.64 0.00	44.06 3.19 0.00	42.45 2.75 -1.46	40.21 2.55 -1.17	38.46 2.37 -0.10	33.41 2.01 0.00	30.63 1.79 0.00	28.24 1.47 0.00
WARRENSBURG____ 23737	28.84 1.94 0.00	27.03 1.74 0.00	25.11 1.55 0.00	23.81 1.47 0.00	23.77 1.49 0.00	23.81 1.56 0.00	24.86 1.67 0.00	24.99 1.52 0.00	26.11 1.87 0.00	27.44 2.01 0.00	27.30 1.76 0.00	28.70 1.90 0.00	28.82 1.84 0.00	29.05 1.93 0.00	29.08 1.95 0.00	32.08 2.17 -0.10	35.45 2.50 0.00	44.10 3.23 0.00	48.51 3.59 -6.67	45.27 3.43 -5.36	40.77 3.63 -1.16	34.51 3.11 0.00	31.52 2.68 0.00	28.91 2.14 0.00
WATERSIDE____6 8 9 23538	27.24 1.80 1.47	26.57 1.29 0.00	24.75 1.20 0.00	23.52 1.18 0.00	23.45 1.18 0.00	23.44 1.18 0.00	24.44 1.25 0.00	24.88 1.41 0.00	23.89 1.53 1.88	25.44 1.73 1.72	25.81 1.97 1.69	26.86 2.20 2.13	27.44 2.48 2.03	27.82 2.71 2.02	27.95 2.82 2.00	31.40 3.22 1.63	35.46 3.36 0.85	44.80 3.92 0.00	43.07 3.33 -1.50	40.72 3.14 -1.10	38.55 2.95 0.37	32.75 2.48 1.13	29.88 2.22 1.18	27.13 1.85 1.48
WATKINRD_115KV_LN8_ILLION 55919	26.88 -0.03 0.00	25.21 -0.08 0.00	23.48 -0.07 0.00	22.27 -0.07 0.00	22.21 -0.07 0.00	22.21 -0.04 0.00	23.14 -0.05 0.00	23.42 -0.05 0.00	24.19 -0.05 0.00	25.38 -0.05 0.00	25.49 -0.05 0.00	26.74 -0.05 0.00	26.99 0.00 0.00	27.13 0.00 0.00	27.07 -0.05 0.00	29.75 -0.06 0.00	32.82 -0.13 0.00	40.75 -0.12 0.00	38.13 -0.11 0.00	36.37 -0.11 0.00	35.87 -0.11 0.00	31.33 -0.06 0.00	28.75 -0.09 0.00	26.64 -0.13 0.00
WATSON__69_KV_BK 1 55734	34.30 2.50 -4.89	31.03 2.00 -3.75	28.90 1.88 -3.46	26.50 1.81 -2.35	27.24 1.83 -3.14	25.91 1.87 -1.78	25.84 1.97 -0.68	25.72 2.09 -0.16	29.88 2.18 -3.46	34.07 2.42 -6.22	35.51 2.76 -7.22	37.65 2.97 -7.88	38.90 3.32 -8.59	40.42 3.53 -9.77	41.47 3.72 -10.63	41.68 4.20 -7.67	45.51 4.58 -7.99	62.69 5.44 -16.38	44.25 4.51 -1.50	41.85 4.16 -1.20	40.11 4.03 -0.10	35.85 3.52 -0.94	32.80 3.06 -0.90	32.32 2.60 -2.95
WDELAWARE__HYD 323627	28.57 1.67 0.00	26.57 1.29 0.00	24.75 1.20 0.00	23.48 1.14 0.00	23.41 1.14 0.00	23.39 1.13 0.00	24.32 1.14 0.00	24.64 1.17 0.00	25.55 1.31 0.00	26.98 1.55 0.00	27.20 1.66 0.00	28.54 1.74 0.00	29.04 2.05 0.00	29.35 2.22 0.00	29.38 2.25 0.00	32.47 2.59 -0.06	35.75 2.80 0.00	44.43 3.55 0.00	42.73 3.06 -1.43	40.51 2.88 -1.15	38.75 2.66 -0.11	33.66 2.26 0.00	30.86 2.02 0.00	28.46 1.69 0.00



WEST BABYLON___IC 23714	34.25 2.45 -4.89	30.98 1.95 -3.75	28.85 1.84 -3.46	26.45 1.76 -2.35	27.19 1.78 -3.14	25.84 1.80 -1.78	25.79 1.92 -0.68	25.67 2.04 -0.16	29.86 2.16 -3.46	34.02 2.37 -6.22	35.41 2.66 -7.22	37.51 2.84 -7.87	38.73 3.16 -8.58	40.28 3.39 -9.76	41.27 3.53 -10.62	41.46 3.99 -7.66	42.93 4.35 -5.63	52.07 5.15 -6.05	43.98 4.24 -1.50	41.63 3.94 -1.20	39.93 3.85 -0.10	35.69 3.36 -0.94	32.74 3.00 -0.90	32.27 2.54 -2.95
WEST CANADA___HYD 24049	27.04 0.14 0.00	25.36 0.08 0.00	23.62 0.07 0.00	22.41 0.07 0.00	22.34 0.07 0.00	22.32 0.07 0.00	23.26 0.07 0.00	23.56 0.09 0.00	24.34 0.10 0.00	25.53 0.10 0.00	25.64 0.10 0.00	26.90 0.11 0.00	27.18 0.19 0.00	27.34 0.22 0.00	27.32 0.19 0.00	30.05 0.24 0.00	33.21 0.26 0.00	41.16 0.29 0.00	38.51 0.27 0.00	36.74 0.26 0.00	36.23 0.25 0.00	31.62 0.22 0.00	29.01 0.17 0.00	26.88 0.11 0.00
WESTERN_NY_WIND 24143	26.47 -0.43 0.00	24.60 -0.68 0.00	22.80 -0.75 0.00	21.54 -0.80 0.00	21.36 -0.91 0.00	21.41 -0.85 0.00	22.14 -1.04 0.00	22.41 -1.06 0.00	22.81 -1.43 0.00	23.91 -1.53 0.00	24.03 -1.51 0.10	25.47 -1.23 0.03	25.90 -1.05 0.03	26.01 -1.09 0.03	26.18 -0.95 0.00	28.61 -1.19 0.01	31.68 -1.19 0.08	36.14 -1.88 2.85	36.22 -1.38 0.64	33.69 -1.42 1.37	34.65 -1.01 0.32	30.60 -0.78 0.01	28.29 -0.55 0.00	25.93 -0.80 0.03
WESTOVER___LESR 323668	27.17 0.27 0.00	25.33 0.05 0.00	23.60 0.05 0.00	22.34 0.00 0.00	22.23 -0.04 0.00	22.23 -0.02 0.00	23.12 -0.07 0.00	23.40 -0.07 0.00	24.07 -0.17 0.00	25.20 -0.23 0.00	25.31 -0.23 0.03	26.50 -0.27 0.03	26.95 -0.03 0.01	27.17 0.05 0.01	27.23 0.11 0.00	29.88 0.06 -0.02	32.92 0.00 0.02	39.71 -0.16 1.00	38.55 -0.04 -0.35	36.48 -0.04 -0.03	35.89 -0.04 0.05	31.58 0.19 0.00	29.07 0.23 0.00	26.73 -0.03 0.01
WETHRSFD_WT_PWR 323626	26.50 -0.40 0.00	24.50 -0.78 0.00	22.78 -0.78 0.00	21.49 -0.85 0.00	21.30 -0.98 0.00	21.34 -0.91 0.00	22.05 -1.14 0.00	22.30 -1.17 0.00	22.81 -1.43 0.00	23.88 -1.55 0.00	23.78 -1.76 0.00	24.87 -1.85 0.08	25.34 -1.62 0.03	25.61 -1.49 0.03	25.77 -1.36 0.00	28.08 -1.73 0.00	30.87 -2.01 0.07	35.11 -2.78 2.98	35.75 -2.26 0.24	33.52 -2.08 0.89	33.92 -1.80 0.26	30.29 -1.10 0.01	28.03 -0.81 0.00	25.67 -1.07 0.03
WHAVSTOR_138KV_BK127 55557	28.30 1.40 0.00	26.29 1.01 0.00	24.52 0.97 0.00	23.28 0.94 0.00	23.23 0.96 0.00	23.23 0.98 0.00	24.21 1.02 0.00	24.60 1.13 0.00	25.48 1.24 0.00	26.83 1.40 0.00	27.15 1.61 0.00	28.56 1.77 0.00	29.07 2.08 0.00	29.38 2.25 0.00	29.46 2.33 0.00	32.53 2.65 -0.07	35.75 2.80 0.00	44.14 3.27 0.00	42.46 2.79 -1.43	40.22 2.59 -1.15	38.49 2.41 -0.10	33.44 2.04 0.00	30.69 1.85 0.00	28.27 1.50 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	28.30 1.40 0.00	26.29 1.01 0.00	24.52 0.97 0.00	23.28 0.94 0.00	23.23 0.96 0.00	23.23 0.98 0.00	24.21 1.02 0.00	24.60 1.13 0.00	25.48 1.24 0.00	26.83 1.40 0.00	27.15 1.61 0.00	28.56 1.77 0.00	29.07 2.08 0.00	29.38 2.25 0.00	29.46 2.33 0.00	32.53 2.65 -0.07	35.75 2.80 0.00	44.14 3.27 0.00	42.46 2.79 -1.43	40.22 2.59 -1.15	38.49 2.41 -0.10	33.44 2.04 0.00	30.69 1.85 0.00	28.27 1.50 0.00
WHITEHAL_115KV_TB1 80871	29.27 2.37 0.00	27.46 2.17 0.00	25.46 1.91 0.00	24.15 1.81 0.00	24.10 1.83 0.00	24.15 1.89 0.00	25.25 2.06 0.00	25.32 1.85 0.00	26.52 2.28 0.00	27.85 2.42 0.00	27.76 2.22 0.00	29.18 2.38 0.00	29.31 2.32 0.00	29.54 2.41 0.00	29.59 2.47 0.00	32.62 2.71 -0.10	36.11 3.16 0.00	45.00 4.13 0.00	49.34 4.47 -6.62	46.07 4.27 -5.32	41.55 4.43 -1.15	35.16 3.77 0.00	32.10 3.26 0.00	29.34 2.57 0.00
WHITEPLN_13_KV_LOAD 356215	28.68 1.78 0.00	26.60 1.31 0.00	24.78 1.22 0.00	23.55 1.21 0.00	23.48 1.20 0.00	23.48 1.22 0.00	24.48 1.30 0.00	24.88 1.41 0.00	25.79 1.55 0.00	27.21 1.78 0.00	27.53 1.99 0.00	28.97 2.17 0.00	29.47 2.48 0.00	29.87 2.74 0.00	29.95 2.82 0.00	33.10 3.22 -0.07	36.41 3.46 0.00	45.00 4.13 0.00	43.29 3.56 -1.50	40.97 3.28 -1.20	39.10 3.02 -0.10	34.00 2.61 0.00	31.09 2.25 0.00	28.67 1.90 0.00
WM_FLOYD_69_KV_BK2 356380	33.87 2.07 -4.89	30.62 1.59 -3.75	28.55 1.53 -3.46	26.14 1.45 -2.35	26.90 1.49 -3.14	25.58 1.54 -1.78	25.54 1.67 -0.68	25.36 1.74 -0.16	29.52 1.82 -3.46	33.69 2.03 -6.22	35.15 2.40 -7.22	37.32 2.65 -7.87	38.53 2.97 -8.58	40.03 3.15 -9.76	41.05 3.31 -10.62	41.25 3.79 -7.66	43.20 4.15 -6.10	63.39 4.95 -17.57	43.79 4.05 -1.50	41.34 3.65 -1.20	39.57 3.49 -0.10	35.41 3.08 -0.94	32.28 2.54 -0.90	31.89 2.17 -2.95
WOODARD___115KV_TB2 355635	26.66 -0.24 0.00	24.95 -0.33 0.00	23.25 -0.31 0.00	22.03 -0.31 0.00	21.94 -0.33 0.00	21.92 -0.33 0.00	22.84 -0.35 0.00	23.12 -0.35 0.00	23.83 -0.41 0.00	24.95 -0.48 0.00	24.95 -0.59 0.03	26.23 -0.54 0.03	26.52 -0.46 0.01	26.71 -0.41 0.01	26.69 -0.43 0.00	29.36 -0.45 0.00	32.50 -0.43 0.02	39.73 -0.57 0.58	37.60 -0.46 0.18	35.65 -0.44 0.39	35.45 -0.43 0.09	31.02 -0.38 0.00	28.52 -0.32 0.00	26.30 -0.46 0.01
YORK___WARBASSE 23770	39.11 1.94 -10.27	26.76 1.47 -0.01	24.90 1.34 -0.01	23.67 1.32 -0.01	23.62 1.34 -0.01	23.57 1.31 0.00	24.59 1.39 -0.01	25.00 1.53 -0.01	39.07 1.65 -13.18	39.33 1.86 -12.04	39.46 2.07 -11.85	44.07 2.33 -14.94	43.80 2.62 -14.19	44.11 2.85 -14.13	44.13 2.98 -14.02	45.17 3.40 -11.96	42.48 3.56 -5.97	45.09 4.21 0.00	43.33 3.59 -1.50	41.80 3.36 -1.96	42.58 3.17 -3.44	41.91 2.64 -7.88	39.49 2.36 -8.28	39.14 1.98 -10.39