

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/22/2026

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1 24138	40.59 1.49 0.00	38.35 1.51 0.00	36.72 1.41 0.00	35.32 1.33 0.00	35.20 1.29 0.00	36.30 1.36 0.00	38.78 1.60 0.00	38.88 1.71 0.00	41.79 1.99 0.00	47.23 2.38 0.00	41.13 2.22 0.00	40.30 2.14 0.00	39.43 2.13 0.00	40.35 2.28 0.00	39.33 2.26 0.00	41.48 2.38 0.00	47.00 2.66 0.00	50.52 2.81 0.00	54.81 2.76 0.00	57.06 3.13 0.00	56.81 3.22 0.00	49.56 2.58 0.00	43.46 2.23 0.00	39.66 1.74 0.00
74TH STREET_GT_1 24260	40.59 1.49 0.00	38.32 1.47 0.00	36.72 1.41 0.00	35.29 1.29 0.00	35.20 1.29 0.00	36.26 1.33 0.00	38.74 1.56 0.00	38.85 1.67 0.00	41.79 1.99 0.00	47.19 2.33 0.00	41.10 2.18 0.00	40.30 2.14 0.00	39.40 2.09 0.00	40.31 2.25 0.00	39.30 2.22 0.00	41.44 2.35 0.00	46.96 2.62 0.00	50.48 2.77 0.00	54.76 2.71 0.00	57.01 3.07 0.00	56.76 3.16 0.00	49.51 2.54 0.00	43.41 2.19 0.00	39.66 1.74 0.00
74TH STREET_GT_2 24261	40.59 1.49 0.00	38.32 1.47 0.00	36.72 1.41 0.00	35.29 1.29 0.00	35.20 1.29 0.00	36.26 1.33 0.00	38.74 1.56 0.00	38.85 1.67 0.00	41.79 1.99 0.00	47.19 2.33 0.00	41.10 2.18 0.00	40.30 2.14 0.00	39.40 2.09 0.00	40.31 2.25 0.00	39.30 2.22 0.00	41.44 2.35 0.00	46.96 2.62 0.00	50.48 2.77 0.00	54.76 2.71 0.00	57.01 3.07 0.00	56.76 3.16 0.00	49.51 2.54 0.00	43.41 2.19 0.00	39.66 1.74 0.00
ADK HUDSON__FALLS 24011	40.70 1.60 0.00	38.35 1.51 0.00	36.89 1.59 0.00	35.56 1.56 0.00	35.48 1.56 0.00	36.65 1.71 0.00	39.15 1.97 0.00	38.88 1.71 0.00	41.59 1.79 0.00	46.92 2.06 0.00	40.71 1.79 0.00	39.85 1.68 0.00	38.84 1.53 0.00	39.55 1.48 0.00	38.41 1.33 0.00	40.50 1.41 0.00	46.11 1.77 0.00	49.95 2.24 0.00	54.61 2.55 0.00	56.74 2.80 0.00	56.17 2.57 0.00	49.19 2.21 0.00	43.04 1.81 0.00	39.43 1.52 0.00
ADK RESOURCE__RCVRY 23798	40.74 1.64 0.00	38.35 1.51 0.00	36.89 1.59 0.00	35.56 1.56 0.00	35.48 1.56 0.00	36.65 1.71 0.00	39.15 1.97 0.00	38.85 1.67 0.00	41.59 1.79 0.00	46.92 2.06 0.00	40.71 1.79 0.00	39.81 1.64 0.00	38.84 1.53 0.00	39.51 1.45 0.00	38.37 1.30 0.00	40.46 1.37 0.00	46.12 1.78 0.00	50.00 2.29 0.00	54.71 2.65 0.00	56.79 2.86 0.00	56.28 2.68 0.00	49.23 2.25 0.00	43.09 1.86 0.00	39.47 1.56 0.00
ADK S GLENS__FALLS 24028	40.70 1.60 0.00	38.35 1.51 0.00	36.89 1.59 0.00	35.56 1.56 0.00	35.48 1.56 0.00	36.65 1.71 0.00	39.15 1.97 0.00	38.88 1.71 0.00	41.59 1.79 0.00	46.92 2.06 0.00	40.71 1.79 0.00	39.85 1.68 0.00	38.84 1.53 0.00	39.55 1.48 0.00	38.41 1.33 0.00	40.50 1.41 0.00	46.11 1.77 0.00	49.95 2.24 0.00	54.61 2.55 0.00	56.74 2.80 0.00	56.17 2.57 0.00	49.19 2.21 0.00	43.04 1.81 0.00	39.43 1.52 0.00
ADK_NYS__DAM 23527	40.27 1.17 0.00	38.06 1.21 0.00	36.65 1.34 0.00	35.39 1.39 0.00	35.34 1.42 0.00	36.44 1.50 0.00	38.85 1.67 0.00	38.77 1.60 0.00	41.39 1.59 0.00	46.38 1.53 0.00	40.32 1.40 0.00	39.58 1.41 0.00	38.54 1.23 0.00	39.17 1.10 0.00	38.04 0.96 0.00	39.95 0.86 0.00	45.36 1.02 0.00	49.14 1.43 0.00	54.03 1.98 0.00	55.93 2.00 0.00	55.47 1.87 0.00	48.53 1.55 0.00	42.47 1.24 0.00	38.86 0.95 0.00
AIR_PRODUCTS__DRP 24190	39.84 0.74 0.00	37.62 0.77 0.00	36.15 0.85 0.00	34.84 0.85 0.00	34.76 0.85 0.00	35.81 0.87 0.00	38.18 1.00 0.00	38.06 0.89 0.00	40.47 0.68 0.00	45.53 0.67 0.00	39.58 0.66 0.00	38.85 0.69 0.00	37.94 0.63 0.00	38.67 0.61 0.00	37.63 0.56 0.00	39.56 0.47 0.00	44.92 0.58 0.00	48.42 0.72 0.00	52.89 0.83 0.00	54.79 0.86 0.00	54.35 0.75 0.00	47.78 0.80 0.00	41.85 0.62 0.00	38.37 0.45 0.00
AKWESSNE_115KV_BK 355683	39.45 0.35 0.00	36.95 0.11 0.00	35.27 -0.04 0.00	33.89 -0.10 0.00	33.85 -0.07 0.00	34.69 -0.24 0.00	36.96 -0.22 0.00	36.99 -0.19 0.00	39.68 -0.12 0.00	44.95 0.09 0.00	38.88 -0.04 0.00	38.21 0.04 0.00	37.31 0.00 0.00	38.14 0.08 0.00	37.11 0.04 0.00	39.25 0.16 0.00	44.39 0.04 0.00	47.52 -0.19 0.00	51.74 -0.31 0.00	53.18 -0.76 0.00	53.17 -0.43 0.00	47.03 0.05 0.00	41.48 0.25 0.00	38.06 0.15 0.00
ALBANY_1_SOLAR 323833	40.35 1.25 0.00	38.06 1.21 0.00	36.57 1.27 0.00	35.25 1.26 0.00	35.13 1.22 0.00	36.23 1.29 0.00	38.59 1.41 0.00	38.40 1.22 0.00	40.99 1.19 0.00	46.07 1.21 0.00	39.97 1.05 0.00	39.16 0.99 0.00	38.24 0.93 0.00	38.97 0.91 0.00	37.96 0.89 0.00	39.99 0.90 0.00	45.49 1.15 0.00	49.09 1.38 0.00	53.62 1.56 0.00	55.61 1.67 0.00	55.26 1.66 0.00	48.44 1.46 0.00	42.47 1.24 0.00	38.94 1.02 0.00
ALBANY_2_SOLAR 323834	40.35 1.25 0.00	38.02 1.18 0.00	36.57 1.27 0.00	35.22 1.22 0.00	35.13 1.22 0.00	36.19 1.26 0.00	38.59 1.41 0.00	38.40 1.22 0.00	40.95 1.15 0.00	46.07 1.21 0.00	39.97 1.05 0.00	39.16 0.99 0.00	38.20 0.89 0.00	38.97 0.91 0.00	37.93 0.85 0.00	39.95 0.86 0.00	45.45 1.11 0.00	49.09 1.38 0.00	53.62 1.56 0.00	55.61 1.67 0.00	55.20 1.61 0.00	48.44 1.46 0.00	42.47 1.24 0.00	38.94 1.02 0.00
ALBANY__1 23571	39.84 0.74 0.00	37.62 0.77 0.00	36.15 0.85 0.00	34.84 0.85 0.00	34.76 0.85 0.00	35.81 0.87 0.00	38.18 1.00 0.00	38.06 0.89 0.00	40.47 0.68 0.00	45.53 0.67 0.00	39.58 0.66 0.00	38.85 0.69 0.00	37.94 0.63 0.00	38.67 0.61 0.00	37.63 0.56 0.00	39.56 0.47 0.00	44.92 0.58 0.00	48.42 0.72 0.00	52.89 0.83 0.00	54.79 0.86 0.00	54.35 0.75 0.00	47.78 0.80 0.00	41.85 0.62 0.00	38.37 0.45 0.00

ALBANY__2 23572	39.84 0.74 0.00	37.62 0.77 0.00	36.15 0.85 0.00	34.84 0.85 0.00	34.76 0.85 0.00	35.81 0.87 0.00	38.18 1.00 0.00	38.06 0.89 0.00	40.47 0.68 0.00	45.53 0.67 0.00	39.58 0.66 0.00	38.85 0.69 0.00	37.94 0.63 0.00	38.67 0.61 0.00	37.63 0.56 0.00	39.56 0.47 0.00	44.92 0.58 0.00	48.42 0.72 0.00	52.89 0.83 0.00	54.79 0.86 0.00	54.35 0.75 0.00	47.78 0.80 0.00	41.85 0.62 0.00	38.37 0.45 0.00
ALBANY__3 23573	39.84 0.74 0.00	37.62 0.77 0.00	36.15 0.85 0.00	34.84 0.85 0.00	34.76 0.85 0.00	35.81 0.87 0.00	38.18 1.00 0.00	38.06 0.89 0.00	40.47 0.68 0.00	45.53 0.67 0.00	39.58 0.66 0.00	38.85 0.69 0.00	37.94 0.63 0.00	38.67 0.61 0.00	37.63 0.56 0.00	39.56 0.47 0.00	44.92 0.58 0.00	48.42 0.72 0.00	52.89 0.83 0.00	54.79 0.86 0.00	54.35 0.75 0.00	47.78 0.80 0.00	41.85 0.62 0.00	38.37 0.45 0.00
ALBANY__4 23574	39.84 0.74 0.00	37.62 0.77 0.00	36.15 0.85 0.00	34.84 0.85 0.00	34.76 0.85 0.00	35.81 0.87 0.00	38.18 1.00 0.00	38.06 0.89 0.00	40.47 0.68 0.00	45.53 0.67 0.00	39.58 0.66 0.00	38.85 0.69 0.00	37.94 0.63 0.00	38.67 0.61 0.00	37.63 0.56 0.00	39.56 0.47 0.00	44.92 0.58 0.00	48.42 0.72 0.00	52.89 0.83 0.00	54.79 0.86 0.00	54.35 0.75 0.00	47.78 0.80 0.00	41.85 0.62 0.00	38.37 0.45 0.00
ALBANY__LFGE 323615	40.08 0.98 0.00	37.80 0.96 0.00	36.36 1.06 0.00	35.05 1.05 0.00	34.97 1.05 0.00	36.02 1.08 0.00	38.37 1.19 0.00	38.25 1.08 0.00	40.75 0.95 0.00	45.84 0.99 0.00	39.89 0.97 0.00	39.12 0.95 0.00	38.20 0.89 0.00	38.94 0.88 0.00	37.89 0.81 0.00	39.83 0.74 0.00	45.23 0.89 0.00	48.81 1.10 0.00	53.25 1.20 0.00	55.17 1.24 0.00	54.78 1.18 0.00	48.10 1.13 0.00	42.14 0.91 0.00	38.63 0.72 0.00
ALCOA_PA_115KV_PL-6C 55860	39.69 0.59 0.00	37.14 0.29 0.00	35.38 0.07 0.00	34.03 0.03 0.00	33.98 0.07 0.00	34.80 -0.14 0.00	37.07 -0.11 0.00	37.14 -0.04 0.00	39.84 0.04 0.00	45.13 0.27 0.00	39.03 0.12 0.00	38.36 0.19 0.00	37.38 0.07 0.00	38.25 0.19 0.00	37.22 0.15 0.00	39.40 0.31 0.00	44.56 0.22 0.00	47.71 0.00 0.00	51.95 -0.10 0.00	53.66 -0.27 0.00	53.38 -0.21 0.00	47.31 0.33 0.00	41.76 0.53 0.00	38.29 0.38 0.00
ALCOA_RYNLDS__DRP 24188	39.69 0.59 0.00	37.14 0.29 0.00	35.38 0.07 0.00	34.03 0.03 0.00	33.98 0.07 0.00	34.80 -0.14 0.00	37.11 -0.07 0.00	37.14 -0.04 0.00	39.84 0.04 0.00	45.13 0.27 0.00	39.03 0.12 0.00	38.36 0.19 0.00	37.38 0.07 0.00	38.25 0.19 0.00	37.22 0.15 0.00	39.40 0.31 0.00	44.56 0.22 0.00	47.71 0.00 0.00	51.95 -0.10 0.00	53.66 -0.27 0.00	53.49 -0.11 0.00	47.31 0.33 0.00	41.77 0.54 0.00	38.29 0.38 0.00
ALCOA__DSASP 323711	39.69 0.59 0.00	37.14 0.29 0.00	35.38 0.07 0.00	34.03 0.03 0.00	33.98 0.07 0.00	34.80 -0.14 0.00	37.11 -0.07 0.00	37.14 -0.04 0.00	39.84 0.04 0.00	45.13 0.27 0.00	39.03 0.12 0.00	38.36 0.19 0.00	37.38 0.07 0.00	38.25 0.19 0.00	37.22 0.15 0.00	39.40 0.31 0.00	44.56 0.22 0.00	47.71 0.00 0.00	51.95 -0.10 0.00	53.66 -0.27 0.00	53.49 -0.11 0.00	47.31 0.33 0.00	41.77 0.54 0.00	38.29 0.38 0.00
ALLEGHENY__COGEN 23514	38.59 -0.51 0.00	36.36 -0.48 0.00	34.60 -0.71 0.00	33.49 -0.51 0.00	33.44 -0.47 0.00	34.97 0.03 0.00	37.14 -0.04 0.00	36.69 -0.48 0.00	38.73 -1.07 0.00	43.42 -1.44 0.00	37.07 -1.83 0.01	35.90 -2.21 0.05	35.06 -2.24 0.01	35.50 -2.44 0.13	34.71 -2.19 0.18	36.87 -2.15 0.07	40.34 -2.08 1.92	43.27 -1.76 2.67	49.89 -1.04 1.12	53.18 -0.43 0.32	52.64 -0.11 0.85	46.06 -0.42 0.49	40.82 -0.41 0.00	38.03 0.11 0.00
ALTMONT_115KV_TB 2 55880	39.80 0.70 0.00	37.54 0.70 0.00	36.08 0.78 0.00	34.74 0.75 0.00	34.70 0.78 0.00	35.70 0.77 0.00	38.07 0.89 0.00	37.99 0.82 0.00	40.59 0.80 0.00	45.66 0.81 0.00	39.66 0.74 0.00	38.93 0.76 0.00	38.02 0.71 0.00	38.75 0.69 0.00	37.70 0.63 0.00	39.72 0.63 0.00	45.09 0.75 0.00	48.61 0.91 0.00	53.10 1.04 0.00	55.06 1.13 0.00	54.62 1.02 0.00	47.92 0.94 0.00	42.01 0.78 0.00	38.52 0.61 0.00
ALTONA_WT_PWR 323606	39.84 0.74 0.00	37.29 0.44 0.00	35.48 0.18 0.00	34.03 0.03 0.00	33.92 0.00 0.00	34.73 -0.21 0.00	36.99 -0.18 0.00	37.06 -0.11 0.00	39.80 0.00 0.00	45.13 0.27 0.00	39.11 0.20 0.00	38.51 0.34 0.00	37.57 0.26 0.00	38.44 0.38 0.00	37.37 0.30 0.00	39.48 0.39 0.00	44.65 0.31 0.00	47.85 0.14 0.00	52.11 0.05 0.00	53.82 -0.11 0.00	53.54 -0.05 0.00	47.40 0.42 0.00	41.81 0.58 0.00	38.37 0.46 0.00
AMERICAN_REF_FUEL 24010	33.70 -5.40 0.00	32.05 -4.79 0.00	30.68 -4.62 0.00	29.54 -4.45 0.00	29.61 -4.31 0.00	31.16 -3.77 0.00	32.79 -4.39 0.00	32.19 -4.98 0.00	34.11 -5.69 0.00	38.62 -6.23 0.00	33.27 -5.53 0.12	32.69 -5.11 0.37	32.31 -4.89 0.12	32.04 -5.02 0.99	30.82 -4.86 1.40	33.45 -5.12 0.52	31.06 -6.03 7.25	30.91 -6.77 10.02	40.37 -7.39 4.30	44.99 -7.60 1.34	42.70 -7.45 3.45	38.29 -6.62 2.06	34.91 -6.31 0.01	33.13 -4.78 0.00
ARKWRIGHT__SUMMIT_WT_PWR 323751	34.13 -4.97 0.00	32.20 -4.64 0.00	30.72 -4.59 0.00	29.51 -4.49 0.00	29.57 -4.34 0.00	31.20 -3.74 0.00	33.24 -3.94 0.00	32.97 -4.20 0.00	35.06 -4.74 0.00	40.01 -4.85 0.00	34.54 -4.28 0.09	33.36 -4.50 0.30	33.19 -4.03 0.09	32.74 -4.53 0.79	31.51 -4.45 1.11	34.13 -4.53 0.42	32.36 -5.41 6.57	32.61 -6.01 9.08	41.56 -6.61 3.88	45.89 -6.85 1.19	43.68 -6.81 3.11	38.88 -6.25 1.85	36.52 -4.70 0.01	34.54 -3.37 0.00
ARTHUR KILL_GT_1 23520	40.59 1.49 0.00	38.32 1.47 0.00	36.65 1.34 0.00	35.18 1.19 0.00	35.10 1.19 0.00	36.16 1.22 0.00	38.70 1.52 0.00	38.81 1.64 0.00	41.75 1.95 0.00	47.01 2.15 0.00	41.10 2.18 0.00	40.27 2.10 0.00	39.40 2.09 0.00	40.38 2.32 0.00	39.37 2.30 0.00	41.55 2.46 0.00	46.91 2.57 0.00	50.28 2.58 0.00	53.18 1.98 0.85	54.17 2.32 2.08	54.12 2.41 1.89	49.51 2.54 0.00	43.54 2.31 0.00	39.69 1.78 0.00
ARTHUR_KILL_2 23512	40.47 1.37 0.00	38.24 1.40 0.00	36.57 1.27 0.00	35.15 1.16 0.00	35.03 1.12 0.00	36.05 1.12 0.00	38.40 1.23 0.00	38.73 1.56 0.00	41.67 1.87 0.00	46.88 2.02 0.00	40.98 2.06 0.00	40.19 2.02 0.00	39.32 2.01 0.00	40.31 2.25 0.00	39.30 2.22 0.00	41.44 2.35 0.00	46.82 2.48 0.00	50.19 2.48 0.00	53.02 1.82 0.85	53.95 2.10 2.08	53.96 2.25 1.89	49.42 2.44 0.00	43.41 2.18 0.00	39.58 1.67 0.00
ARTHUR_KILL_3 23513	40.23 1.13 0.01	37.98 1.14 0.01	36.39 1.10 0.01	35.01 1.02 0.01	34.89 0.98 0.01	35.94 1.01 0.01	38.25 1.08 0.01	38.50 1.34 0.01	41.38 1.59 0.01	46.78 1.93 0.01	40.70 1.79 0.01	39.92 1.76 0.01	39.05 1.75 0.01	39.96 1.90 0.01	38.92 1.85 0.01	41.04 1.95 0.01	46.55 2.22 0.01	49.99 2.29 0.01	53.38 2.19 0.86	54.38 2.54 2.09	54.38 2.68 1.90	49.09 2.12 0.01	43.03 1.81 0.01	39.27 1.36 0.01

ARTHUR_KILL_COGEN 323718	40.59 1.49 0.00	38.32 1.48 0.00	36.65 1.34 0.00	35.22 1.22 0.00	35.10 1.19 0.00	36.16 1.22 0.00	38.52 1.34 0.00	38.81 1.63 0.00	41.75 1.95 0.00	47.01 2.15 0.00	41.06 2.14 0.00	40.26 2.10 0.00	39.40 2.09 0.00	40.38 2.32 0.00	39.37 2.30 0.00	41.56 2.46 0.00	46.91 2.57 0.00	50.28 2.57 0.00	53.13 1.93 0.85	54.12 2.26 2.08	54.12 2.41 1.89	49.51 2.54 0.00	43.54 2.31 0.00	39.69 1.78 0.00
ASHOKAN____ 23654	40.67 1.57 0.00	38.28 1.44 0.00	36.72 1.41 0.00	35.36 1.36 0.00	35.24 1.32 0.00	36.23 1.29 0.00	38.56 1.38 0.00	37.99 0.82 0.00	40.67 0.87 0.00	45.75 0.90 0.00	39.46 0.54 0.00	38.55 0.38 0.00	37.60 0.30 0.00	38.40 0.34 0.00	37.44 0.37 0.00	39.60 0.51 0.00	45.40 1.06 0.00	49.23 1.53 0.00	53.77 1.72 0.00	55.98 2.05 0.00	55.63 2.04 0.00	48.67 1.69 0.00	42.55 1.32 0.00	39.05 1.14 0.00
ASTORIA_EAST_ENERGY_CC1 323581	40.31 1.21 0.00	38.02 1.18 0.00	36.36 1.06 0.00	34.95 0.95 0.00	34.83 0.92 0.00	35.87 0.94 0.01	38.21 1.04 0.01	38.50 1.34 0.01	41.46 1.67 0.01	46.87 2.02 0.01	40.81 1.91 0.01	40.03 1.87 0.01	39.16 1.86 0.01	40.11 2.05 0.01	39.10 2.04 0.01	41.23 2.15 0.01	46.68 2.35 0.01	50.08 2.38 0.01	54.23 2.19 0.01	56.41 2.48 0.01	56.22 2.63 0.01	49.13 2.16 0.01	43.03 1.81 0.01	39.23 1.33 0.01
ASTORIA_EAST_ENERGY_CC2 323582	40.31 1.21 0.00	38.02 1.18 0.00	36.36 1.06 0.00	34.95 0.95 0.00	34.83 0.92 0.00	35.87 0.94 0.01	38.21 1.04 0.01	38.50 1.34 0.01	41.46 1.67 0.01	46.87 2.02 0.01	40.81 1.91 0.01	40.03 1.87 0.01	39.16 1.86 0.01	40.11 2.05 0.01	39.10 2.04 0.01	41.23 2.15 0.01	46.68 2.35 0.01	50.08 2.38 0.01	54.23 2.19 0.01	56.41 2.48 0.01	56.22 2.63 0.01	49.13 2.16 0.01	43.03 1.81 0.01	39.23 1.33 0.01
ASTORIA_GT2_1 24094	40.31 1.21 0.00	38.02 1.18 0.00	36.36 1.06 0.00	34.95 0.95 0.00	34.83 0.92 0.00	35.88 0.94 0.00	38.41 1.23 0.00	38.55 1.38 0.00	41.51 1.71 0.00	46.88 2.02 0.00	40.86 1.95 0.00	40.08 1.91 0.00	39.21 1.90 0.00	40.12 2.06 0.00	39.11 2.04 0.00	41.24 2.15 0.00	46.69 2.35 0.00	50.09 2.39 0.00	54.29 2.24 0.00	56.47 2.53 0.00	56.28 2.68 0.00	49.19 2.21 0.00	43.09 1.86 0.00	39.24 1.33 0.00
ASTORIA_GT2_2 24095	40.31 1.21 0.00	38.02 1.18 0.00	36.36 1.06 0.00	34.95 0.95 0.00	34.83 0.92 0.00	35.88 0.94 0.00	38.41 1.23 0.00	38.55 1.38 0.00	41.51 1.71 0.00	46.88 2.02 0.00	40.86 1.95 0.00	40.08 1.91 0.00	39.21 1.90 0.00	40.12 2.06 0.00	39.11 2.04 0.00	41.24 2.15 0.00	46.69 2.35 0.00	50.09 2.39 0.00	54.29 2.24 0.00	56.47 2.53 0.00	56.28 2.68 0.00	49.19 2.21 0.00	43.09 1.86 0.00	39.24 1.33 0.00
ASTORIA_GT2_3 24096	40.31 1.21 0.00	38.02 1.18 0.00	36.36 1.06 0.00	34.95 0.95 0.00	34.83 0.92 0.00	35.88 0.94 0.00	38.41 1.23 0.00	38.55 1.38 0.00	41.51 1.71 0.00	46.88 2.02 0.00	40.86 1.95 0.00	40.08 1.91 0.00	39.21 1.90 0.00	40.12 2.06 0.00	39.11 2.04 0.00	41.24 2.15 0.00	46.69 2.35 0.00	50.09 2.39 0.00	54.29 2.24 0.00	56.47 2.53 0.00	56.28 2.68 0.00	49.19 2.21 0.00	43.09 1.86 0.00	39.24 1.33 0.00
ASTORIA_GT2_4 24097	40.31 1.21 0.00	38.02 1.18 0.00	36.36 1.06 0.00	34.95 0.95 0.00	34.83 0.92 0.00	35.88 0.94 0.00	38.41 1.23 0.00	38.55 1.38 0.00	41.51 1.71 0.00	46.88 2.02 0.00	40.86 1.95 0.00	40.08 1.91 0.00	39.21 1.90 0.00	40.12 2.06 0.00	39.11 2.04 0.00	41.24 2.15 0.00	46.69 2.35 0.00	50.09 2.39 0.00	54.29 2.24 0.00	56.47 2.53 0.00	56.28 2.68 0.00	49.19 2.21 0.00	43.09 1.86 0.00	39.24 1.33 0.00
ASTORIA_GT3_1 24098	40.31 1.21 0.00	38.02 1.18 0.00	36.36 1.06 0.00	34.95 0.95 0.00	34.83 0.92 0.00	35.88 0.94 0.00	38.41 1.23 0.00	38.55 1.38 0.00	41.51 1.71 0.00	46.88 2.02 0.00	40.86 1.95 0.00	40.08 1.91 0.00	39.21 1.90 0.00	40.12 2.06 0.00	39.11 2.04 0.00	41.24 2.15 0.00	46.69 2.35 0.00	50.09 2.39 0.00	54.29 2.24 0.00	56.47 2.53 0.00	56.28 2.68 0.00	49.19 2.21 0.00	43.09 1.86 0.00	39.24 1.33 0.00
ASTORIA_GT3_2 24099	40.31 1.21 0.00	38.02 1.18 0.00	36.36 1.06 0.00	34.95 0.95 0.00	34.83 0.92 0.00	35.88 0.94 0.00	38.41 1.23 0.00	38.55 1.38 0.00	41.51 1.71 0.00	46.88 2.02 0.00	40.86 1.95 0.00	40.08 1.91 0.00	39.21 1.90 0.00	40.12 2.06 0.00	39.11 2.04 0.00	41.24 2.15 0.00	46.69 2.35 0.00	50.09 2.39 0.00	54.29 2.24 0.00	56.47 2.53 0.00	56.28 2.68 0.00	49.19 2.21 0.00	43.09 1.86 0.00	39.24 1.33 0.00
ASTORIA_GT3_3 24100	40.31 1.21 0.00	38.02 1.18 0.00	36.36 1.06 0.00	34.95 0.95 0.00	34.83 0.92 0.00	35.88 0.94 0.00	38.41 1.23 0.00	38.55 1.38 0.00	41.51 1.71 0.00	46.88 2.02 0.00	40.86 1.95 0.00	40.08 1.91 0.00	39.21 1.90 0.00	40.12 2.06 0.00	39.11 2.04 0.00	41.24 2.15 0.00	46.69 2.35 0.00	50.09 2.39 0.00	54.29 2.24 0.00	56.47 2.53 0.00	56.28 2.68 0.00	49.19 2.21 0.00	43.09 1.86 0.00	39.24 1.33 0.00
ASTORIA_GT3_4 24101	40.31 1.21 0.00	38.02 1.18 0.00	36.36 1.06 0.00	34.95 0.95 0.00	34.83 0.92 0.00	35.88 0.94 0.00	38.41 1.23 0.00	38.55 1.38 0.00	41.51 1.71 0.00	46.88 2.02 0.00	40.86 1.95 0.00	40.08 1.91 0.00	39.21 1.90 0.00	40.12 2.06 0.00	39.11 2.04 0.00	41.24 2.15 0.00	46.69 2.35 0.00	50.09 2.39 0.00	54.29 2.24 0.00	56.47 2.53 0.00	56.28 2.68 0.00	49.19 2.21 0.00	43.09 1.86 0.00	39.24 1.33 0.00
ASTORIA_GT4_1 24102	40.31 1.21 0.00	38.02 1.18 0.00	36.36 1.06 0.00	34.95 0.95 0.00	34.83 0.92 0.00	35.88 0.94 0.00	38.41 1.23 0.00	38.55 1.38 0.00	41.51 1.71 0.00	46.88 2.02 0.00	40.86 1.95 0.00	40.08 1.91 0.00	39.21 1.90 0.00	40.12 2.06 0.00	39.11 2.04 0.00	41.24 2.15 0.00	46.69 2.35 0.00	50.09 2.39 0.00	54.29 2.24 0.00	56.47 2.53 0.00	56.28 2.68 0.00	49.19 2.21 0.00	43.09 1.86 0.00	39.24 1.33 0.00
ASTORIA_GT4_2 24103	40.31 1.21 0.00	38.02 1.18 0.00	36.36 1.06 0.00	34.95 0.95 0.00	34.83 0.92 0.00	35.88 0.94 0.00	38.41 1.23 0.00	38.55 1.38 0.00	41.51 1.71 0.00	46.88 2.02 0.00	40.86 1.95 0.00	40.08 1.91 0.00	39.21 1.90 0.00	40.12 2.06 0.00	39.11 2.04 0.00	41.24 2.15 0.00	46.69 2.35 0.00	50.09 2.39 0.00	54.29 2.24 0.00	56.47 2.53 0.00	56.28 2.68 0.00	49.19 2.21 0.00	43.09 1.86 0.00	39.24 1.33 0.00
ASTORIA_GT4_3 24104	40.31 1.21 0.00	38.02 1.18 0.00	36.36 1.06 0.00	34.95 0.95 0.00	34.83 0.92 0.00	35.88 0.94 0.00	38.41 1.23 0.00	38.55 1.38 0.00	41.51 1.71 0.00	46.88 2.02 0.00	40.86 1.95 0.00	40.08 1.91 0.00	39.21 1.90 0.00	40.12 2.06 0.00	39.11 2.04 0.00	41.24 2.15 0.00	46.69 2.35 0.00	50.09 2.39 0.00	54.29 2.24 0.00	56.47 2.53 0.00	56.28 2.68 0.00	49.19 2.21 0.00	43.09 1.86 0.00	39.24 1.33 0.00

ASTORIA_GT4_4 24105	40.31 1.21 0.00	38.02 1.18 0.00	36.36 1.06 0.00	34.95 0.95 0.00	34.83 0.92 0.00	35.88 0.94 0.00	38.41 1.23 0.00	38.55 1.38 0.00	41.51 1.71 0.00	46.88 2.02 0.00	40.86 1.95 0.00	40.08 1.91 0.00	39.21 1.90 0.00	40.12 2.06 0.00	39.11 2.04 0.00	41.24 2.15 0.00	46.69 2.35 0.00	50.09 2.39 0.00	54.29 2.24 0.00	56.47 2.53 0.00	56.28 2.68 0.00	49.19 2.21 0.00	43.09 1.86 0.00	39.24 1.33 0.00
ASTORIA_GT_1 23523	40.39 1.29 0.00	38.10 1.25 0.00	36.40 1.09 0.00	34.98 0.99 0.00	34.90 0.98 0.00	35.91 0.98 0.00	38.44 1.26 0.00	38.59 1.41 0.00	41.55 1.75 0.00	46.97 2.11 0.00	40.94 2.02 0.00	40.11 1.95 0.00	39.25 1.94 0.00	40.19 2.13 0.00	39.19 2.11 0.00	41.32 2.23 0.00	46.78 2.44 0.00	50.19 2.48 0.00	54.35 2.29 0.00	56.57 2.64 0.00	56.39 2.79 0.00	49.23 2.25 0.00	43.13 1.90 0.00	39.32 1.40 0.00
ASTORIA_GT_10 24110	40.51 1.41 0.00	38.21 1.36 0.00	36.58 1.27 0.00	35.15 1.16 0.00	35.07 1.15 0.00	36.12 1.19 0.00	38.59 1.41 0.00	38.73 1.56 0.00	41.63 1.83 0.00	47.06 2.20 0.00	41.02 2.10 0.00	40.19 2.02 0.00	39.32 2.01 0.00	40.23 2.17 0.00	39.22 2.15 0.00	41.36 2.27 0.00	46.87 2.53 0.00	50.24 2.53 0.00	54.45 2.39 0.00	56.68 2.75 0.00	56.44 2.84 0.00	49.37 2.40 0.00	43.29 2.06 0.00	39.50 1.59 0.00
ASTORIA_GT_11 24225	40.51 1.41 0.00	38.21 1.36 0.00	36.58 1.27 0.00	35.15 1.16 0.00	35.07 1.15 0.00	36.12 1.19 0.00	38.59 1.41 0.00	38.73 1.56 0.00	41.63 1.83 0.00	47.06 2.20 0.00	41.02 2.10 0.00	40.19 2.02 0.00	39.32 2.01 0.00	40.23 2.17 0.00	39.22 2.15 0.00	41.36 2.27 0.00	46.87 2.53 0.00	50.24 2.53 0.00	54.45 2.39 0.00	56.68 2.75 0.00	56.44 2.84 0.00	49.37 2.40 0.00	43.29 2.06 0.00	39.50 1.59 0.00
ASTORIA_GT_12 24226	40.51 1.41 0.00	38.21 1.36 0.00	36.58 1.27 0.00	35.15 1.16 0.00	35.07 1.15 0.00	36.12 1.19 0.00	38.59 1.41 0.00	38.73 1.56 0.00	41.63 1.83 0.00	47.06 2.20 0.00	41.02 2.10 0.00	40.19 2.02 0.00	39.32 2.01 0.00	40.23 2.17 0.00	39.22 2.15 0.00	41.36 2.27 0.00	46.87 2.53 0.00	50.24 2.53 0.00	54.45 2.39 0.00	56.68 2.75 0.00	56.44 2.84 0.00	49.37 2.40 0.00	43.29 2.06 0.00	39.50 1.59 0.00
ASTORIA_GT_13 24227	40.51 1.41 0.00	38.21 1.36 0.00	36.58 1.27 0.00	35.15 1.16 0.00	35.07 1.15 0.00	36.12 1.19 0.00	38.59 1.41 0.00	38.73 1.56 0.00	41.63 1.83 0.00	47.06 2.20 0.00	41.02 2.10 0.00	40.19 2.02 0.00	39.32 2.01 0.00	40.23 2.17 0.00	39.22 2.15 0.00	41.36 2.27 0.00	46.87 2.53 0.00	50.24 2.53 0.00	54.45 2.39 0.00	56.68 2.75 0.00	56.44 2.84 0.00	49.37 2.40 0.00	43.29 2.06 0.00	39.50 1.59 0.00
ASTORIA_GT_5 24106	40.39 1.29 0.00	38.10 1.25 0.00	36.40 1.09 0.00	34.98 0.99 0.00	34.90 0.98 0.00	35.91 0.98 0.00	38.44 1.26 0.00	38.59 1.41 0.00	41.55 1.75 0.00	46.97 2.11 0.00	40.94 2.02 0.00	40.11 1.95 0.00	39.25 1.94 0.00	40.19 2.13 0.00	39.19 2.11 0.00	41.32 2.23 0.00	46.78 2.44 0.00	50.19 2.48 0.00	54.35 2.29 0.00	56.57 2.64 0.00	56.39 2.79 0.00	49.23 2.25 0.00	43.13 1.90 0.00	39.32 1.40 0.00
ASTORIA_GT_7 24107	40.39 1.29 0.00	38.10 1.25 0.00	36.40 1.09 0.00	34.98 0.99 0.00	34.90 0.98 0.00	35.91 0.98 0.00	38.44 1.26 0.00	38.59 1.41 0.00	41.55 1.75 0.00	46.97 2.11 0.00	40.94 2.02 0.00	40.11 1.95 0.00	39.25 1.94 0.00	40.19 2.13 0.00	39.19 2.11 0.00	41.32 2.23 0.00	46.78 2.44 0.00	50.19 2.48 0.00	54.35 2.29 0.00	56.57 2.64 0.00	56.39 2.79 0.00	49.23 2.25 0.00	43.13 1.90 0.00	39.32 1.40 0.00
ASTORIA_GT_8 24108	40.39 1.29 0.00	38.10 1.25 0.00	36.40 1.09 0.00	34.98 0.99 0.00	34.90 0.98 0.00	35.91 0.98 0.00	38.44 1.26 0.00	38.59 1.41 0.00	41.55 1.75 0.00	46.97 2.11 0.00	40.94 2.02 0.00	40.11 1.95 0.00	39.25 1.94 0.00	40.19 2.13 0.00	39.19 2.11 0.00	41.32 2.23 0.00	46.78 2.44 0.00	50.19 2.48 0.00	54.35 2.29 0.00	56.57 2.64 0.00	56.39 2.79 0.00	49.23 2.25 0.00	43.13 1.90 0.00	39.32 1.40 0.00
ASTORIA___2 24149	40.31 1.21 0.00	38.02 1.18 0.00	36.40 1.10 0.00	34.98 0.99 0.00	34.83 0.92 0.00	35.87 0.94 0.01	38.25 1.08 0.01	38.54 1.38 0.01	41.50 1.71 0.01	46.87 2.02 0.01	40.81 1.91 0.01	40.07 1.91 0.01	39.20 1.90 0.01	40.11 2.05 0.01	39.10 2.04 0.01	41.23 2.15 0.01	46.68 2.35 0.01	50.13 2.43 0.01	54.23 2.19 0.01	56.46 2.54 0.01	56.27 2.68 0.01	49.18 2.21 0.01	43.08 1.86 0.01	39.23 1.33 0.01
ASTORIA___3 23516	40.51 1.41 0.00	38.21 1.36 0.00	36.61 1.31 0.00	35.18 1.19 0.00	35.07 1.15 0.00	36.12 1.19 0.00	38.44 1.26 0.00	38.73 1.56 0.00	41.63 1.83 0.00	47.05 2.20 0.00	40.98 2.06 0.00	40.19 2.02 0.00	39.32 2.01 0.00	40.23 2.17 0.00	39.22 2.15 0.00	41.36 2.27 0.00	46.87 2.53 0.00	50.28 2.57 0.00	54.45 2.40 0.00	56.63 2.70 0.00	56.44 2.84 0.00	49.37 2.39 0.00	43.29 2.06 0.00	39.50 1.59 0.00
ASTORIA___4 23517	40.51 1.41 0.00	38.21 1.36 0.00	36.58 1.27 0.00	35.15 1.16 0.00	35.07 1.15 0.00	36.12 1.19 0.00	38.59 1.41 0.00	38.73 1.56 0.00	41.63 1.83 0.00	47.06 2.20 0.00	41.02 2.10 0.00	40.19 2.02 0.00	39.32 2.01 0.00	40.23 2.17 0.00	39.22 2.15 0.00	41.36 2.27 0.00	46.87 2.53 0.00	50.24 2.53 0.00	54.45 2.39 0.00	56.68 2.75 0.00	56.44 2.84 0.00	49.37 2.40 0.00	43.29 2.06 0.00	39.50 1.59 0.00
ASTORIA___5 23518	40.51 1.41 0.00	38.21 1.36 0.00	36.61 1.31 0.00	35.18 1.19 0.00	35.07 1.15 0.00	36.12 1.19 0.00	38.44 1.26 0.00	38.73 1.56 0.00	41.63 1.83 0.00	47.05 2.20 0.00	40.98 2.06 0.00	40.19 2.02 0.00	39.32 2.01 0.00	40.23 2.17 0.00	39.22 2.15 0.00	41.36 2.27 0.00	46.87 2.53 0.00	50.28 2.57 0.00	54.45 2.40 0.00	56.63 2.70 0.00	56.44 2.84 0.00	49.37 2.39 0.00	43.29 2.06 0.00	39.50 1.59 0.00
AST_ENERGY_2_CC3 323677	40.31 1.21 0.00	38.06 1.21 0.00	36.47 1.16 0.00	35.08 1.09 0.00	34.97 1.05 0.00	36.02 1.08 0.00	38.33 1.15 0.00	38.58 1.41 0.00	41.47 1.67 0.00	46.83 1.97 0.00	40.75 1.83 0.00	40.00 1.83 0.00	39.10 1.79 0.00	40.00 1.94 0.00	39.00 1.93 0.00	41.12 2.03 0.00	46.60 2.26 0.00	50.09 2.38 0.00	54.34 2.29 0.00	56.57 2.64 0.00	56.33 2.73 0.00	49.19 2.21 0.00	43.13 1.90 0.00	39.39 1.48 0.00
AST_ENERGY_2_CC4 323678	40.31 1.21 0.00	38.06 1.21 0.00	36.47 1.16 0.00	35.08 1.09 0.00	34.97 1.05 0.00	36.02 1.08 0.00	38.33 1.15 0.00	38.58 1.41 0.00	41.47 1.67 0.00	46.83 1.97 0.00	40.75 1.83 0.00	40.00 1.83 0.00	39.10 1.79 0.00	40.00 1.94 0.00	39.00 1.93 0.00	41.12 2.03 0.00	46.60 2.26 0.00	50.09 2.38 0.00	54.34 2.29 0.00	56.57 2.64 0.00	56.33 2.73 0.00	49.19 2.21 0.00	43.13 1.90 0.00	39.39 1.48 0.00

ATHENS_STG_1 23668	39.84 0.74 0.00	37.62 0.77 0.00	36.15 0.85 0.00	34.81 0.81 0.00	34.73 0.81 0.00	35.74 0.80 0.00	38.04 0.86 0.00	38.10 0.93 0.00	40.79 1.00 0.00	45.93 1.07 0.00	39.93 1.01 0.00	39.16 0.99 0.00	38.28 0.97 0.00	39.05 0.99 0.00	38.04 0.96 0.00	40.07 0.98 0.00	45.49 1.15 0.00	48.95 1.24 0.00	53.41 1.35 0.00	55.39 1.46 0.00	55.10 1.50 0.00	48.20 1.22 0.00	42.26 1.03 0.00	38.71 0.80 0.00
ATHENS_STG_2 23670	39.84 0.74 0.00	37.62 0.77 0.00	36.15 0.85 0.00	34.81 0.81 0.00	34.73 0.81 0.00	35.74 0.80 0.00	38.04 0.86 0.00	38.10 0.93 0.00	40.79 1.00 0.00	45.93 1.07 0.00	39.93 1.01 0.00	39.16 0.99 0.00	38.28 0.97 0.00	39.05 0.99 0.00	38.04 0.96 0.00	40.07 0.98 0.00	45.49 1.15 0.00	48.95 1.24 0.00	53.41 1.35 0.00	55.39 1.46 0.00	55.10 1.50 0.00	48.20 1.22 0.00	42.26 1.03 0.00	38.71 0.80 0.00
ATHENS_STG_3 23677	39.84 0.74 0.00	37.62 0.77 0.00	36.15 0.85 0.00	34.81 0.81 0.00	34.73 0.81 0.00	35.74 0.80 0.00	38.04 0.86 0.00	38.10 0.93 0.00	40.79 1.00 0.00	45.93 1.07 0.00	39.93 1.01 0.00	39.16 0.99 0.00	38.28 0.97 0.00	39.05 0.99 0.00	38.04 0.96 0.00	40.07 0.98 0.00	45.49 1.15 0.00	48.95 1.24 0.00	53.41 1.35 0.00	55.39 1.46 0.00	55.10 1.50 0.00	48.20 1.22 0.00	42.26 1.03 0.00	38.71 0.80 0.00
AUBURN___LFGE 323710	38.94 -0.16 0.00	36.73 -0.11 0.00	35.09 -0.21 0.00	33.82 -0.17 0.00	33.75 -0.17 0.00	34.90 -0.03 0.00	37.07 -0.11 0.00	37.14 -0.04 0.00	39.76 -0.04 0.00	44.90 0.04 0.00	38.80 -0.12 0.00	37.98 -0.19 0.00	37.16 -0.15 0.00	37.83 -0.23 0.00	36.89 -0.19 0.00	38.93 -0.16 0.00	44.48 -0.13 -0.27	48.04 -0.05 -0.38	52.21 0.00 -0.16	54.08 0.11 -0.04	53.59 0.11 0.12	46.82 -0.09 0.07	41.11 -0.12 0.00	37.91 0.00 0.00
BABYLON_RES_REC 323704	40.86 1.76 0.00	38.58 1.73 0.00	37.03 1.73 0.00	35.53 1.53 0.00	35.41 1.49 0.00	36.54 1.61 0.00	38.37 1.19 0.00	38.88 1.71 0.00	41.87 2.07 0.00	47.32 2.47 0.00	41.57 2.65 -0.01	40.73 2.56 -0.01	39.82 2.50 -0.01	40.66 2.59 -0.01	39.64 2.56 -0.01	41.84 2.74 -0.01	47.45 3.10 -0.01	50.14 2.43 0.00	54.61 2.55 0.00	56.73 2.80 0.00	56.76 3.16 0.00	49.61 2.63 0.00	44.07 2.84 0.00	40.26 2.35 0.00
BALL_HILL_WT_PWR 323825	34.84 -4.26 0.00	32.98 -3.87 0.00	31.49 -3.81 0.00	30.32 -3.67 0.00	30.32 -3.60 0.00	31.93 -3.00 0.00	33.83 -3.35 0.00	33.46 -3.72 0.00	35.50 -4.30 0.00	40.24 -4.62 0.00	34.58 -4.24 0.09	33.43 -4.43 0.31	33.22 -3.99 0.09	32.75 -4.49 0.82	31.51 -4.41 1.15	34.04 -4.61 0.44	32.04 -5.54 6.75	32.30 -6.06 9.34	41.40 -6.66 3.99	45.91 -6.80 1.23	43.69 -6.70 3.20	39.06 -6.01 1.91	36.64 -4.58 0.01	34.61 -3.30 0.00
BARON_WINDS___WT_PWR 323822	36.68 -2.42 0.00	34.60 -2.25 0.00	33.01 -2.29 0.00	31.79 -2.21 0.00	31.71 -2.20 0.00	33.19 -1.75 0.00	35.24 -1.93 0.00	35.09 -2.08 0.00	37.29 -2.51 0.00	42.08 -2.78 0.00	36.22 -2.65 0.05	35.18 -2.82 0.16	34.76 -2.50 0.05	34.71 -2.93 0.43	33.59 -2.89 0.60	35.85 -3.01 0.23	36.41 -3.50 4.43	37.94 -3.63 6.14	45.65 -3.80 2.61	49.38 -3.78 0.78	47.81 -3.70 2.09	42.32 -3.43 1.23	38.71 -2.52 0.00	36.17 -1.74 0.00
BARRETT_IC_1 23704	40.67 1.57 0.00	38.39 1.55 0.00	36.93 1.62 0.00	35.46 1.46 0.00	35.31 1.39 0.00	36.44 1.50 0.00	38.33 1.15 0.00	38.77 1.60 0.00	41.71 1.91 0.00	47.01 2.15 0.00	41.30 2.37 -0.01	40.50 2.33 -0.01	39.67 2.35 -0.01	40.47 2.40 -0.01	39.49 2.41 -0.01	41.60 2.50 -0.01	47.01 2.66 -0.01	49.90 2.20 0.00	54.29 2.24 0.00	56.47 2.54 0.00	56.38 2.79 0.00	49.28 2.30 0.00	43.62 2.39 0.00	39.96 2.05 0.00
BARRETT_IC_10 23701	40.67 1.57 0.00	38.39 1.55 0.00	36.93 1.62 0.00	35.46 1.46 0.00	35.31 1.39 0.00	36.44 1.50 0.00	38.33 1.15 0.00	38.77 1.60 0.00	41.71 1.91 0.00	47.01 2.15 0.00	41.30 2.37 -0.01	40.50 2.33 -0.01	39.67 2.35 -0.01	40.47 2.40 -0.01	39.49 2.41 -0.01	41.60 2.50 -0.01	47.01 2.66 -0.01	49.90 2.20 0.00	54.29 2.24 0.00	56.47 2.54 0.00	56.38 2.79 0.00	49.28 2.30 0.00	43.62 2.39 0.00	39.96 2.05 0.00
BARRETT_IC_11 23702	40.67 1.57 0.00	38.39 1.55 0.00	36.93 1.62 0.00	35.46 1.46 0.00	35.31 1.39 0.00	36.44 1.50 0.00	38.33 1.15 0.00	38.77 1.60 0.00	41.71 1.91 0.00	47.01 2.15 0.00	41.30 2.37 -0.01	40.50 2.33 -0.01	39.67 2.35 -0.01	40.47 2.40 -0.01	39.49 2.41 -0.01	41.60 2.50 -0.01	47.01 2.66 -0.01	49.90 2.20 0.00	54.29 2.24 0.00	56.47 2.54 0.00	56.38 2.79 0.00	49.28 2.30 0.00	43.62 2.39 0.00	39.96 2.05 0.00
BARRETT_IC_12 23703	40.67 1.57 0.00	38.39 1.55 0.00	36.93 1.62 0.00	35.46 1.46 0.00	35.31 1.39 0.00	36.44 1.50 0.00	38.33 1.15 0.00	38.77 1.60 0.00	41.71 1.91 0.00	47.01 2.15 0.00	41.30 2.37 -0.01	40.50 2.33 -0.01	39.67 2.35 -0.01	40.47 2.40 -0.01	39.49 2.41 -0.01	41.60 2.50 -0.01	47.01 2.66 -0.01	49.90 2.20 0.00	54.29 2.24 0.00	56.47 2.54 0.00	56.38 2.79 0.00	49.28 2.30 0.00	43.62 2.39 0.00	39.96 2.05 0.00
BARRETT_IC_2 23705	40.67 1.57 0.00	38.39 1.55 0.00	36.93 1.62 0.00	35.46 1.46 0.00	35.31 1.39 0.00	36.44 1.50 0.00	38.33 1.15 0.00	38.77 1.60 0.00	41.71 1.91 0.00	47.01 2.15 0.00	41.30 2.37 -0.01	40.50 2.33 -0.01	39.67 2.35 -0.01	40.47 2.40 -0.01	39.49 2.41 -0.01	41.60 2.50 -0.01	47.01 2.66 -0.01	49.90 2.20 0.00	54.29 2.24 0.00	56.47 2.54 0.00	56.38 2.79 0.00	49.28 2.30 0.00	43.62 2.39 0.00	39.96 2.05 0.00
BARRETT_IC_3 23706	40.67 1.57 0.00	38.39 1.55 0.00	36.93 1.62 0.00	35.46 1.46 0.00	35.31 1.39 0.00	36.44 1.50 0.00	38.33 1.15 0.00	38.77 1.60 0.00	41.71 1.91 0.00	47.01 2.15 0.00	41.30 2.37 -0.01	40.50 2.33 -0.01	39.67 2.35 -0.01	40.47 2.40 -0.01	39.49 2.41 -0.01	41.60 2.50 -0.01	47.01 2.66 -0.01	49.90 2.20 0.00	54.29 2.24 0.00	56.47 2.54 0.00	56.38 2.79 0.00	49.28 2.30 0.00	43.62 2.39 0.00	39.96 2.05 0.00
BARRETT_IC_4 23707	40.67 1.57 0.00	38.39 1.55 0.00	36.93 1.62 0.00	35.46 1.46 0.00	35.31 1.39 0.00	36.44 1.50 0.00	38.33 1.15 0.00	38.77 1.60 0.00	41.71 1.91 0.00	47.01 2.15 0.00	41.30 2.37 -0.01	40.50 2.33 -0.01	39.67 2.35 -0.01	40.47 2.40 -0.01	39.49 2.41 -0.01	41.60 2.50 -0.01	47.01 2.66 -0.01	49.90 2.20 0.00	54.29 2.24 0.00	56.47 2.54 0.00	56.38 2.79 0.00	49.28 2.30 0.00	43.62 2.39 0.00	39.96 2.05 0.00
BARRETT_IC_5 23708	40.67 1.57 0.00	38.39 1.55 0.00	36.93 1.62 0.00	35.46 1.46 0.00	35.31 1.39 0.00	36.44 1.50 0.00	38.33 1.15 0.00	38.77 1.60 0.00	41.71 1.91 0.00	47.01 2.15 0.00	41.30 2.37 -0.01	40.50 2.33 -0.01	39.67 2.35 -0.01	40.47 2.40 -0.01	39.49 2.41 -0.01	41.60 2.50 -0.01	47.01 2.66 -0.01	49.90 2.20 0.00	54.29 2.24 0.00	56.47 2.54 0.00	56.38 2.79 0.00	49.28 2.30 0.00	43.62 2.39 0.00	39.96 2.05 0.00

BARRETT_IC_6 23709	40.67 1.57 0.00	38.39 1.55 0.00	36.93 1.62 0.00	35.46 1.46 0.00	35.31 1.39 0.00	36.44 1.50 0.00	38.33 1.15 0.00	38.77 1.60 0.00	41.71 1.91 0.00	47.01 2.15 0.00	41.30 2.37 -0.01	40.50 2.33 -0.01	39.67 2.35 -0.01	40.47 2.40 -0.01	39.49 2.41 -0.01	41.60 2.50 -0.01	47.01 2.66 -0.01	49.90 2.20 0.00	54.29 2.24 0.00	56.47 2.54 0.00	56.38 2.79 0.00	49.28 2.30 0.00	43.62 2.39 0.00	39.96 2.05 0.00
BARRETT_IC_7 23710	40.66 1.56 0.00	38.39 1.55 0.00	36.86 1.55 0.00	35.42 1.43 0.00	35.31 1.39 0.00	36.44 1.50 0.00	38.56 1.38 0.00	38.77 1.60 0.00	41.71 1.91 0.00	47.01 2.15 0.00	41.34 2.41 -0.01	40.50 2.33 -0.01	39.67 2.35 -0.01	40.47 2.40 -0.01	39.49 2.41 -0.01	41.60 2.50 -0.01	47.06 2.70 -0.01	50.00 2.29 0.00	54.29 2.24 0.00	56.52 2.59 0.00	56.33 2.73 0.00	49.28 2.30 0.00	43.62 2.39 0.00	39.96 2.05 0.00
BARRETT_IC_8 23711	40.67 1.57 0.00	38.39 1.55 0.00	36.93 1.62 0.00	35.46 1.46 0.00	35.31 1.39 0.00	36.44 1.50 0.00	38.33 1.15 0.00	38.77 1.60 0.00	41.71 1.91 0.00	47.01 2.15 0.00	41.30 2.37 -0.01	40.50 2.33 -0.01	39.67 2.35 -0.01	40.47 2.40 -0.01	39.49 2.41 -0.01	41.60 2.50 -0.01	47.01 2.66 -0.01	49.90 2.20 0.00	54.29 2.24 0.00	56.47 2.54 0.00	56.38 2.79 0.00	49.28 2.30 0.00	43.62 2.39 0.00	39.96 2.05 0.00
BARRETT_IC_9 23700	40.67 1.57 0.00	38.39 1.55 0.00	36.93 1.62 0.00	35.46 1.46 0.00	35.31 1.39 0.00	36.44 1.50 0.00	38.33 1.15 0.00	38.77 1.60 0.00	41.71 1.91 0.00	47.01 2.15 0.00	41.30 2.37 -0.01	40.50 2.33 -0.01	39.67 2.35 -0.01	40.47 2.40 -0.01	39.49 2.41 -0.01	41.60 2.50 -0.01	47.01 2.66 -0.01	49.90 2.20 0.00	54.29 2.24 0.00	56.47 2.54 0.00	56.38 2.79 0.00	49.28 2.30 0.00	43.62 2.39 0.00	39.96 2.05 0.00
BARRETT__1 23545	40.67 1.57 0.00	38.39 1.55 0.00	36.93 1.62 0.00	35.46 1.46 0.00	35.31 1.39 0.00	36.44 1.50 0.00	38.33 1.15 0.00	38.77 1.60 0.00	41.71 1.91 0.00	47.01 2.15 0.00	41.30 2.37 -0.01	40.50 2.33 -0.01	39.67 2.35 -0.01	40.47 2.40 -0.01	39.49 2.41 -0.01	41.60 2.50 -0.01	47.01 2.66 -0.01	49.90 2.20 0.00	54.29 2.24 0.00	56.47 2.54 0.00	56.38 2.79 0.00	49.28 2.30 0.00	43.62 2.39 0.00	39.96 2.05 0.00
BARRETT__2 23546	40.67 1.57 0.00	38.39 1.55 0.00	36.93 1.62 0.00	35.46 1.46 0.00	35.31 1.39 0.00	36.44 1.50 0.00	38.33 1.15 0.00	38.77 1.60 0.00	41.71 1.91 0.00	47.01 2.15 0.00	41.30 2.37 -0.01	40.50 2.33 -0.01	39.67 2.35 -0.01	40.47 2.40 -0.01	39.49 2.41 -0.01	41.60 2.50 -0.01	47.01 2.66 -0.01	49.90 2.20 0.00	54.29 2.24 0.00	56.47 2.54 0.00	56.38 2.79 0.00	49.28 2.30 0.00	43.62 2.39 0.00	39.96 2.05 0.00
BATAVIA__115KV_TB1 55881	35.74 -3.36 0.00	33.86 -2.98 0.00	32.34 -2.97 0.00	31.21 -2.79 0.00	31.27 -2.65 0.00	32.84 -2.10 0.00	34.24 -2.94 0.00	34.16 -3.01 0.00	36.34 -3.46 0.00	41.13 -3.72 0.00	35.06 -3.46 0.39	33.54 -3.32 1.30	33.71 -3.21 0.39	31.39 -3.24 3.43	29.11 -3.15 4.81	34.05 -3.21 1.83	15.46 -3.72 25.15	8.71 -4.25 34.76	43.34 -4.48 4.24	48.03 -4.58 1.32	45.85 -4.34 3.40	40.91 -4.04 2.03	37.34 -3.88 0.01	35.18 -2.73 0.00
BAYONEEC__CTG1 323682	40.39 1.29 0.00	38.13 1.29 0.00	36.54 1.24 0.00	35.15 1.16 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.40 1.23 0.00	38.66 1.49 0.00	41.55 1.75 0.00	46.92 2.06 0.00	40.86 1.94 0.00	40.07 1.91 0.00	39.17 1.86 0.00	40.08 2.02 0.00	39.07 2.00 0.00	41.20 2.11 0.00	46.69 2.35 0.00	50.19 2.48 0.00	54.45 2.40 0.00	56.63 2.70 0.00	56.44 2.84 0.00	49.28 2.30 0.00	43.21 1.98 0.00	39.43 1.52 0.00
BAYONEEC__CTG10 323750	40.39 1.29 0.00	38.13 1.29 0.00	36.54 1.24 0.00	35.15 1.16 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.40 1.23 0.00	38.66 1.49 0.00	41.55 1.75 0.00	46.92 2.06 0.00	40.86 1.94 0.00	40.07 1.91 0.00	39.17 1.86 0.00	40.08 2.02 0.00	39.07 2.00 0.00	41.20 2.11 0.00	46.69 2.35 0.00	50.19 2.48 0.00	54.45 2.40 0.00	56.63 2.70 0.00	56.44 2.84 0.00	49.28 2.30 0.00	43.21 1.98 0.00	39.43 1.52 0.00
BAYONEEC__CTG2 323683	40.39 1.29 0.00	38.13 1.29 0.00	36.54 1.24 0.00	35.15 1.16 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.40 1.23 0.00	38.66 1.49 0.00	41.55 1.75 0.00	46.92 2.06 0.00	40.86 1.94 0.00	40.07 1.91 0.00	39.17 1.86 0.00	40.08 2.02 0.00	39.07 2.00 0.00	41.20 2.11 0.00	46.69 2.35 0.00	50.19 2.48 0.00	54.45 2.40 0.00	56.63 2.70 0.00	56.44 2.84 0.00	49.28 2.30 0.00	43.21 1.98 0.00	39.43 1.52 0.00
BAYONEEC__CTG3 323684	40.39 1.29 0.00	38.13 1.29 0.00	36.54 1.24 0.00	35.15 1.16 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.40 1.23 0.00	38.66 1.49 0.00	41.55 1.75 0.00	46.92 2.06 0.00	40.86 1.94 0.00	40.07 1.91 0.00	39.17 1.86 0.00	40.08 2.02 0.00	39.07 2.00 0.00	41.20 2.11 0.00	46.69 2.35 0.00	50.19 2.48 0.00	54.45 2.40 0.00	56.63 2.70 0.00	56.44 2.84 0.00	49.28 2.30 0.00	43.21 1.98 0.00	39.43 1.52 0.00
BAYONEEC__CTG4 323685	40.39 1.29 0.00	38.13 1.29 0.00	36.54 1.24 0.00	35.15 1.16 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.40 1.23 0.00	38.66 1.49 0.00	41.55 1.75 0.00	46.92 2.06 0.00	40.86 1.94 0.00	40.07 1.91 0.00	39.17 1.86 0.00	40.08 2.02 0.00	39.07 2.00 0.00	41.20 2.11 0.00	46.69 2.35 0.00	50.19 2.48 0.00	54.45 2.40 0.00	56.63 2.70 0.00	56.44 2.84 0.00	49.28 2.30 0.00	43.21 1.98 0.00	39.43 1.52 0.00
BAYONEEC__CTG5 323686	40.39 1.29 0.00	38.13 1.29 0.00	36.54 1.24 0.00	35.15 1.16 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.40 1.23 0.00	38.66 1.49 0.00	41.55 1.75 0.00	46.92 2.06 0.00	40.86 1.94 0.00	40.07 1.91 0.00	39.17 1.86 0.00	40.08 2.02 0.00	39.07 2.00 0.00	41.20 2.11 0.00	46.69 2.35 0.00	50.19 2.48 0.00	54.45 2.40 0.00	56.63 2.70 0.00	56.44 2.84 0.00	49.28 2.30 0.00	43.21 1.98 0.00	39.43 1.52 0.00
BAYONEEC__CTG6 323687	40.39 1.29 0.00	38.13 1.29 0.00	36.54 1.24 0.00	35.15 1.16 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.40 1.23 0.00	38.66 1.49 0.00	41.55 1.75 0.00	46.92 2.06 0.00	40.86 1.94 0.00	40.07 1.91 0.00	39.17 1.86 0.00	40.08 2.02 0.00	39.07 2.00 0.00	41.20 2.11 0.00	46.69 2.35 0.00	50.19 2.48 0.00	54.45 2.40 0.00	56.63 2.70 0.00	56.44 2.84 0.00	49.28 2.30 0.00	43.21 1.98 0.00	39.43 1.52 0.00
BAYONEEC__CTG7 323688	40.39 1.29 0.00	38.13 1.29 0.00	36.54 1.24 0.00	35.15 1.16 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.40 1.23 0.00	38.66 1.49 0.00	41.55 1.75 0.00	46.92 2.06 0.00	40.86 1.94 0.00	40.07 1.91 0.00	39.17 1.86 0.00	40.08 2.02 0.00	39.07 2.00 0.00	41.20 2.11 0.00	46.69 2.35 0.00	50.19 2.48 0.00	54.45 2.40 0.00	56.63 2.70 0.00	56.44 2.84 0.00	49.28 2.30 0.00	43.21 1.98 0.00	39.43 1.52 0.00

BAYONEEC___CTG8 323689	40.39 1.29 0.00	38.13 1.29 0.00	36.54 1.24 0.00	35.15 1.16 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.40 1.23 0.00	38.66 1.49 0.00	41.55 1.75 0.00	46.92 2.06 0.00	40.86 1.94 0.00	40.07 1.91 0.00	39.17 1.86 0.00	40.08 2.02 0.00	39.07 2.00 0.00	41.20 2.11 0.00	46.69 2.35 0.00	50.19 2.48 0.00	54.45 2.40 0.00	56.63 2.70 0.00	56.44 2.84 0.00	49.28 2.30 0.00	43.21 1.98 0.00	39.43 1.52 0.00
BAYONEEC___CTG9 323749	40.39 1.29 0.00	38.13 1.29 0.00	36.54 1.24 0.00	35.15 1.16 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.40 1.23 0.00	38.66 1.49 0.00	41.55 1.75 0.00	46.92 2.06 0.00	40.86 1.94 0.00	40.07 1.91 0.00	39.17 1.86 0.00	40.08 2.02 0.00	39.07 2.00 0.00	41.20 2.11 0.00	46.69 2.35 0.00	50.19 2.48 0.00	54.45 2.40 0.00	56.63 2.70 0.00	56.44 2.84 0.00	49.28 2.30 0.00	43.21 1.98 0.00	39.43 1.52 0.00
BEACON___LESR 323632	40.27 1.17 0.00	37.99 1.14 0.00	36.54 1.24 0.00	35.22 1.22 0.00	35.13 1.22 0.00	36.19 1.26 0.00	38.59 1.41 0.00	38.47 1.30 0.00	40.99 1.19 0.00	46.16 1.30 0.00	40.12 1.21 0.00	39.39 1.22 0.00	38.43 1.12 0.00	39.17 1.10 0.00	38.07 1.00 0.00	40.03 0.94 0.00	45.49 1.15 0.00	49.09 1.38 0.00	53.62 1.56 0.00	55.61 1.67 0.00	55.15 1.56 0.00	48.39 1.41 0.00	42.43 1.20 0.00	38.86 0.95 0.00
BEAVER RIVER___HYD 24048	39.45 0.35 0.00	37.03 0.19 0.00	35.13 -0.18 0.00	33.55 -0.44 0.00	33.14 -0.78 0.00	34.03 -0.91 0.00	36.29 -0.89 0.00	36.21 -0.97 0.00	38.88 -0.91 0.00	43.87 -0.99 0.00	38.02 -0.89 0.00	37.17 -0.99 0.00	36.26 -1.04 0.00	37.15 -0.91 0.00	36.29 -0.78 0.00	38.46 -0.63 0.00	43.98 -0.36 0.00	47.57 -0.14 0.00	52.26 0.21 0.00	54.36 0.43 0.00	53.81 0.22 0.00	47.21 0.24 0.00	41.44 0.21 0.00	37.87 -0.04 0.00
BEEBEE_GT_13 23619	37.38 -1.72 0.00	35.26 -1.58 0.00	33.65 -1.66 0.00	32.53 -1.46 0.00	32.49 -1.42 0.00	33.82 -1.12 0.00	35.69 -1.49 0.00	35.69 -1.49 0.00	38.13 -1.67 0.00	43.20 -1.66 0.00	37.24 -1.71 -0.03	36.67 -1.60 -0.11	35.81 -1.53 -0.03	36.89 -1.45 -0.28	36.09 -1.37 -0.39	37.87 -1.37 -0.15	44.40 -1.60 -1.66	48.03 -1.96 -2.28	50.97 -2.08 -0.99	52.04 -2.21 -0.32	52.33 -2.04 -0.77	45.47 -1.97 -0.47	39.25 -1.98 0.00	36.55 -1.36 0.00
BENSHRST_27_KV_BENSHRST_1 355998	40.62 1.52 0.00	38.35 1.51 0.00	36.68 1.38 0.00	35.22 1.22 0.00	35.14 1.22 0.00	36.19 1.26 0.00	38.70 1.52 0.00	38.85 1.67 0.00	41.83 2.03 0.00	47.23 2.38 0.00	41.21 2.30 0.00	40.38 2.21 0.00	39.51 2.20 0.00	40.50 2.44 0.00	39.48 2.41 0.00	41.63 2.54 0.00	47.09 2.75 0.00	50.52 2.81 0.00	54.55 2.50 0.00	56.79 2.86 0.00	56.60 3.00 0.00	49.66 2.68 0.00	43.54 2.31 0.00	39.69 1.78 0.00
BETHLEHEM___GRP 23843	39.84 0.74 0.00	37.62 0.77 0.00	36.15 0.85 0.00	34.84 0.85 0.00	34.76 0.85 0.00	35.81 0.87 0.00	38.18 1.00 0.00	38.06 0.89 0.00	40.47 0.68 0.00	45.53 0.67 0.00	39.58 0.66 0.00	38.85 0.69 0.00	37.94 0.63 0.00	38.67 0.61 0.00	37.63 0.56 0.00	39.56 0.47 0.00	44.92 0.58 0.00	48.42 0.72 0.00	52.89 0.83 0.00	54.79 0.86 0.00	54.35 0.75 0.00	47.78 0.80 0.00	41.85 0.62 0.00	38.37 0.45 0.00
BETHLEHEM___GS1 323560	39.84 0.74 0.00	37.62 0.77 0.00	36.15 0.85 0.00	34.84 0.85 0.00	34.76 0.85 0.00	35.81 0.87 0.00	38.14 0.97 0.00	38.06 0.89 0.00	40.47 0.68 0.00	45.53 0.67 0.00	39.58 0.66 0.00	38.85 0.69 0.00	37.94 0.63 0.00	38.67 0.61 0.00	37.63 0.56 0.00	39.56 0.47 0.00	44.92 0.57 0.00	48.42 0.72 0.00	52.89 0.83 0.00	54.79 0.86 0.00	54.40 0.81 0.00	47.78 0.80 0.00	41.85 0.62 0.00	38.37 0.46 0.00
BETHLEHEM___GS2 323561	39.84 0.74 0.00	37.62 0.77 0.00	36.15 0.85 0.00	34.84 0.85 0.00	34.76 0.85 0.00	35.81 0.87 0.00	38.14 0.97 0.00	38.06 0.89 0.00	40.47 0.68 0.00	45.53 0.67 0.00	39.58 0.66 0.00	38.85 0.69 0.00	37.94 0.63 0.00	38.67 0.61 0.00	37.63 0.56 0.00	39.56 0.47 0.00	44.92 0.57 0.00	48.42 0.72 0.00	52.89 0.83 0.00	54.79 0.86 0.00	54.40 0.81 0.00	47.78 0.80 0.00	41.85 0.62 0.00	38.37 0.46 0.00
BETHLEHEM___GS3 323562	39.84 0.74 0.00	37.62 0.77 0.00	36.15 0.85 0.00	34.84 0.85 0.00	34.76 0.85 0.00	35.81 0.87 0.00	38.14 0.97 0.00	38.06 0.89 0.00	40.47 0.68 0.00	45.53 0.67 0.00	39.58 0.66 0.00	38.85 0.69 0.00	37.94 0.63 0.00	38.67 0.61 0.00	37.63 0.56 0.00	39.56 0.47 0.00	44.92 0.57 0.00	48.42 0.72 0.00	52.89 0.83 0.00	54.79 0.86 0.00	54.40 0.81 0.00	47.78 0.80 0.00	41.85 0.62 0.00	38.37 0.46 0.00
BETHLEHEM___STEEL 23779	34.96 -4.14 0.00	33.09 -3.76 0.00	31.60 -3.71 0.00	30.39 -3.60 0.00	30.46 -3.46 0.00	32.07 -2.86 0.00	33.46 -3.72 0.00	33.46 -3.72 0.00	35.50 -4.30 0.00	40.24 -4.62 0.00	34.42 -4.40 0.10	33.34 -4.50 0.33	33.18 -4.03 0.10	32.59 -4.61 0.86	31.38 -4.49 1.21	33.86 -4.77 0.46	31.74 -5.68 6.92	31.83 -6.30 9.58	41.04 -6.92 4.10	45.60 -7.07 1.26	43.34 -6.97 3.29	38.82 -6.20 1.96	36.52 -4.70 0.01	34.58 -3.34 0.00
BETHLHEM_115KV_TB1 79974	39.84 0.74 0.00	37.58 0.74 0.00	36.15 0.85 0.00	34.81 0.82 0.00	34.76 0.85 0.00	35.81 0.87 0.00	38.18 1.00 0.00	38.06 0.89 0.00	40.51 0.72 0.00	45.57 0.72 0.00	39.62 0.70 0.00	38.89 0.73 0.00	37.98 0.67 0.00	38.71 0.65 0.00	37.63 0.56 0.00	39.60 0.51 0.00	44.96 0.62 0.00	48.47 0.76 0.00	52.89 0.83 0.00	54.85 0.92 0.00	54.40 0.80 0.00	47.82 0.85 0.00	41.89 0.66 0.00	38.41 0.49 0.00
BETHPAGE_CC_5 323564	40.74 1.64 0.00	38.39 1.55 0.00	36.93 1.62 0.00	35.42 1.43 0.00	35.31 1.39 0.00	36.40 1.47 0.00	38.29 1.11 0.00	38.77 1.60 0.00	41.75 1.95 0.00	47.19 2.33 0.00	41.42 2.49 -0.01	40.62 2.44 -0.01	39.67 2.35 -0.01	40.54 2.47 -0.01	39.53 2.45 -0.01	41.68 2.58 -0.01	47.28 2.93 -0.01	50.05 2.34 0.00	54.45 2.40 0.00	56.57 2.64 0.00	56.54 2.95 0.00	49.42 2.44 0.00	43.87 2.64 0.00	40.19 2.27 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	35.19 -3.91 0.00	33.27 -3.57 0.00	31.81 -3.50 0.00	30.56 -3.43 0.00	30.63 -3.29 0.00	32.21 -2.72 0.00	33.68 -3.49 0.00	33.68 -3.49 0.00	35.78 -4.02 0.00	40.55 -4.31 0.00	34.73 -4.09 0.10	33.50 -4.35 0.32	33.44 -3.77 0.10	32.65 -4.57 0.84	31.44 -4.45 1.18	33.91 -4.73 0.45	31.78 -5.76 6.80	32.01 -6.30 9.40	41.06 -6.98 4.02	45.57 -7.12 1.24	43.35 -7.02 3.23	38.81 -6.25 1.92	36.85 -4.37 0.01	34.88 -3.03 0.00
BINGHAMTON___COGEN 23790	38.71 -0.39 0.00	36.51 -0.33 0.00	34.95 -0.35 0.00	33.65 -0.34 0.00	33.58 -0.34 0.00	34.73 -0.21 0.00	36.88 -0.30 0.00	36.99 -0.19 0.00	39.48 -0.32 0.00	44.54 -0.31 0.00	38.51 -0.39 0.02	37.61 -0.50 0.06	36.92 -0.37 0.02	37.34 -0.57 0.15	36.34 -0.52 0.21	38.46 -0.55 0.08	42.28 -0.62 1.44	45.09 -0.62 2.00	50.53 -0.68 0.85	53.08 -0.59 0.26	52.91 -0.59 0.09	46.25 -0.66 0.07	40.82 -0.41 0.00	37.72 -0.19 0.00

BIXINCNT_115KV_LOAD 355685	34.80 -4.30 0.00	32.90 -3.94 0.00	31.32 -3.99 0.00	30.05 -3.94 0.00	29.98 -3.93 0.00	31.55 -3.39 0.00	33.09 -4.09 0.00	33.27 -3.90 0.00	35.42 -4.38 0.00	40.15 -4.71 0.00	34.59 -4.24 0.09	33.37 -4.50 0.29	33.56 -3.66 0.09	32.56 -4.72 0.78	31.35 -4.63 1.09	33.67 -5.00 0.41	31.74 -6.16 6.44	32.21 -6.58 8.91	40.96 -7.29 3.81	45.48 -7.28 1.17	43.47 -7.07 3.05	38.68 -6.48 1.81	37.02 -4.21 0.01	34.96 -2.96 0.00
BLACK RIVER___HYD 24047	39.80 0.70 0.00	37.32 0.48 0.00	35.45 0.14 0.00	33.99 0.00 0.00	33.68 -0.24 0.00	34.62 -0.32 0.00	36.96 -0.22 0.00	36.80 -0.37 0.00	39.52 -0.28 0.00	44.50 -0.36 0.00	38.53 -0.39 0.00	37.60 -0.57 0.00	36.64 -0.67 0.00	37.38 -0.68 0.00	36.59 -0.48 0.00	38.74 -0.35 0.00	44.34 0.00 0.00	48.04 0.34 0.00	52.94 0.88 0.00	55.22 1.29 0.00	54.56 0.97 0.00	47.78 0.80 0.00	41.85 0.62 0.00	38.14 0.23 0.00
BLACKRVR_115KV_TB2 79977	39.80 0.70 0.00	37.32 0.48 0.00	35.45 0.14 0.00	34.03 0.03 0.00	33.68 -0.24 0.00	34.62 -0.31 0.00	36.96 -0.22 0.00	36.80 -0.37 0.00	39.52 -0.28 0.00	44.50 -0.36 0.00	38.53 -0.39 0.00	37.59 -0.57 0.00	36.64 -0.67 0.00	37.38 -0.69 0.00	36.59 -0.48 0.00	38.74 -0.35 0.00	44.34 0.00 0.00	48.04 0.33 0.00	52.94 0.88 0.00	55.23 1.29 0.00	54.56 0.96 0.00	47.78 0.80 0.00	41.85 0.62 0.00	38.14 0.23 0.00
BLDWN_LI_69_KV_BK4 356085	40.86 1.76 0.00	38.54 1.69 0.00	36.96 1.66 0.00	35.52 1.53 0.00	35.41 1.49 0.00	36.54 1.61 0.00	38.67 1.49 0.00	38.92 1.75 0.00	41.91 2.11 0.00	47.32 2.47 0.00	41.53 2.61 -0.01	40.70 2.52 -0.01	39.82 2.50 -0.01	40.66 2.59 -0.01	39.64 2.56 -0.01	41.80 2.70 -0.01	47.37 3.02 -0.01	50.33 2.62 0.00	54.66 2.60 0.00	56.90 2.97 0.00	56.71 3.11 0.00	49.61 2.63 0.00	43.91 2.68 0.00	40.19 2.27 0.00
BLISS_WT_PWR 323608	34.57 -4.53 0.00	32.72 -4.13 0.00	31.07 -4.24 0.00	29.85 -4.15 0.00	29.74 -4.17 0.00	31.27 -3.67 0.00	33.16 -4.02 0.00	33.01 -4.16 0.00	35.18 -4.62 0.00	39.92 -4.93 0.00	34.51 -4.32 0.09	33.25 -4.62 0.29	33.49 -3.73 0.09	32.49 -4.80 0.78	31.27 -4.71 1.09	33.60 -5.08 0.41	31.60 -6.30 6.44	32.02 -6.77 8.91	40.80 -7.45 3.81	45.38 -7.39 1.17	43.37 -7.18 3.05	38.59 -6.58 1.81	36.93 -4.29 0.01	34.88 -3.03 0.00
BLUESTONE___WT_PWR 323821	40.04 0.94 0.00	37.65 0.81 0.00	35.97 0.67 0.00	34.64 0.64 0.00	34.49 0.58 0.00	35.56 0.63 0.00	37.96 0.78 0.00	37.99 0.82 0.00	40.79 1.00 0.00	46.07 1.21 0.00	40.00 1.09 0.00	39.12 0.95 0.00	38.28 0.97 0.00	38.94 0.88 0.00	38.11 1.04 0.00	40.23 1.13 0.00	45.98 1.38 -0.27	49.80 1.71 -0.37	54.14 1.93 -0.15	56.13 2.16 -0.04	55.75 1.98 -0.16	48.43 1.36 -0.09	42.47 1.24 0.00	39.01 1.10 0.00
BLUE_CIRC_CHEM_DRP 24182	40.08 0.98 0.00	37.80 0.96 0.00	36.36 1.06 0.00	35.01 1.02 0.00	34.93 1.02 0.00	35.98 1.05 0.00	38.37 1.19 0.00	38.21 1.04 0.00	40.79 0.99 0.00	45.89 1.03 0.00	39.85 0.93 0.00	39.04 0.88 0.00	38.13 0.82 0.00	38.90 0.84 0.00	37.85 0.78 0.00	39.83 0.74 0.00	45.27 0.93 0.00	48.85 1.14 0.00	53.31 1.25 0.00	55.28 1.35 0.00	54.88 1.29 0.00	48.15 1.17 0.00	42.22 0.99 0.00	38.75 0.83 0.00
BOC_GAS_DRP 24189	39.69 0.59 0.00	37.47 0.63 0.00	36.01 0.71 0.00	34.67 0.68 0.00	34.59 0.68 0.00	35.63 0.70 0.00	38.00 0.82 0.00	37.92 0.74 0.00	40.47 0.68 0.00	45.57 0.72 0.00	39.62 0.70 0.00	38.85 0.69 0.00	37.94 0.63 0.00	38.71 0.65 0.00	37.67 0.59 0.00	39.64 0.55 0.00	45.01 0.67 0.00	48.47 0.76 0.00	52.94 0.88 0.00	54.85 0.92 0.00	54.46 0.86 0.00	47.78 0.80 0.00	41.89 0.66 0.00	38.41 0.49 0.00
BOONVILLE_115KV_TB1 79983	39.73 0.63 0.00	37.36 0.52 0.00	35.62 0.32 0.00	34.16 0.17 0.00	33.88 -0.03 0.00	34.87 -0.07 0.00	37.14 -0.04 0.00	37.14 -0.04 0.00	39.84 0.04 0.00	44.90 0.04 0.00	38.96 0.04 0.00	38.13 -0.04 0.00	37.23 -0.07 0.00	38.02 -0.04 0.00	37.15 0.07 0.00	39.29 0.20 0.00	44.74 0.40 0.00	48.28 0.57 0.00	52.84 0.78 0.00	54.90 0.97 0.00	54.35 0.75 0.00	47.64 0.66 0.00	41.77 0.54 0.00	38.29 0.38 0.00
BORALEX_4TH_BRANCH 23824	40.27 1.17 0.00	38.06 1.22 0.00	36.68 1.38 0.00	35.39 1.39 0.00	35.34 1.42 0.00	36.44 1.50 0.00	38.89 1.71 0.00	38.77 1.60 0.00	41.39 1.59 0.00	46.38 1.53 0.00	40.32 1.40 0.00	39.58 1.41 0.00	38.54 1.23 0.00	39.17 1.10 0.00	38.04 0.96 0.00	39.95 0.86 0.00	45.36 1.02 0.00	49.14 1.43 0.00	54.03 1.98 0.00	55.98 2.05 0.00	55.42 1.82 0.00	48.53 1.55 0.00	42.51 1.28 0.00	38.86 0.95 0.00
BOWLINE___1 23526	40.08 0.98 0.00	37.87 1.03 0.00	36.29 0.99 0.00	34.91 0.92 0.00	34.80 0.88 0.00	35.88 0.94 0.00	38.14 0.97 0.00	38.36 1.19 0.00	41.15 1.35 0.00	46.38 1.53 0.00	40.36 1.44 0.00	39.54 1.37 0.00	38.69 1.38 0.00	39.54 1.48 0.00	38.56 1.48 0.00	40.66 1.57 0.00	46.12 1.78 0.00	49.57 1.86 0.00	53.98 1.93 0.00	56.20 2.26 0.00	55.90 2.30 0.00	48.76 1.78 0.00	42.76 1.53 0.00	39.09 1.18 0.00
BOWLINE___2 23595	40.08 0.98 0.00	37.87 1.03 0.00	36.29 0.99 0.00	34.91 0.92 0.00	34.80 0.88 0.00	35.88 0.94 0.00	38.14 0.97 0.00	38.36 1.19 0.00	41.15 1.35 0.00	46.38 1.53 0.00	40.36 1.44 0.00	39.54 1.37 0.00	38.69 1.38 0.00	39.54 1.48 0.00	38.56 1.48 0.00	40.66 1.57 0.00	46.12 1.78 0.00	49.57 1.86 0.00	53.98 1.93 0.00	56.20 2.26 0.00	55.90 2.30 0.00	48.76 1.78 0.00	42.76 1.53 0.00	39.09 1.18 0.00
BRADY___115KV_TB2 356060	39.80 0.70 0.00	37.21 0.37 0.00	35.45 0.14 0.00	34.06 0.07 0.00	34.02 0.10 0.00	34.83 -0.10 0.00	37.14 -0.04 0.00	37.14 -0.04 0.00	39.76 -0.04 0.00	44.95 0.09 0.00	38.84 -0.08 0.00	38.13 -0.04 0.00	37.12 -0.19 0.00	38.02 -0.04 0.00	36.96 -0.11 0.00	39.13 0.04 0.00	44.34 0.00 0.00	47.61 -0.10 0.00	52.00 -0.05 0.00	53.88 -0.05 0.00	53.65 0.05 0.00	47.49 0.52 0.00	41.89 0.66 0.00	38.33 0.42 0.00
BRANSCOMB___SOLAR 323811	40.43 1.33 0.00	38.13 1.29 0.00	36.68 1.38 0.00	35.36 1.36 0.00	35.27 1.36 0.00	36.40 1.47 0.00	38.81 1.63 0.00	38.66 1.49 0.00	41.35 1.55 0.00	46.52 1.66 0.00	40.36 1.44 0.00	39.54 1.37 0.00	38.54 1.23 0.00	39.24 1.18 0.00	38.15 1.08 0.00	40.23 1.13 0.00	45.76 1.42 0.00	49.52 1.81 0.00	54.19 2.14 0.00	56.20 2.26 0.00	55.74 2.15 0.00	48.81 1.83 0.00	42.76 1.53 0.00	39.16 1.25 0.00
BRDGHMPT_69_KV_BK1 55812	41.60 2.50 0.00	39.35 2.51 0.00	37.71 2.40 0.00	36.20 2.21 0.00	36.09 2.17 0.00	37.17 2.24 0.00	39.04 1.86 0.00	39.18 2.01 0.00	42.07 2.27 0.00	47.55 2.69 0.00	42.51 3.58 -0.01	41.53 3.36 -0.01	40.56 3.25 -0.01	41.46 3.39 -0.01	40.34 3.26 -0.01	42.58 3.48 -0.01	48.38 4.04 -0.01	51.10 3.39 0.00	55.70 3.64 0.00	57.87 3.94 0.00	57.94 4.34 0.00	50.69 3.71 0.00	44.90 3.67 0.00	40.95 3.03 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	41.09 1.99 0.00	38.80 1.95 0.00	37.18 1.87 0.00	35.69 1.70 0.00	35.61 1.70 0.00	36.75 1.82 0.00	38.85 1.67 0.00	39.11 1.93 0.00	42.11 2.31 0.00	47.59 2.74 0.00	41.96 3.04 -0.01	41.08 2.90 -0.01	40.11 2.80 -0.01	41.00 2.93 -0.01	39.94 2.85 -0.01	42.15 3.05 -0.01	47.81 3.46 -0.01	50.57 2.86 0.00	54.92 2.86 0.00	57.11 3.18 0.00	56.97 3.38 0.00	49.89 2.91 0.00	44.36 3.13 0.00	40.53 2.62 0.00
BRISTLHL_115KV_TB1 79998	38.32 -0.78 0.00	36.14 -0.70 0.00	34.60 -0.71 0.00	33.35 -0.65 0.00	33.24 -0.68 0.00	34.31 -0.63 0.00	36.44 -0.74 0.00	36.50 -0.67 0.00	39.04 -0.76 0.00	44.05 -0.81 0.00	38.18 -0.74 0.00	37.40 -0.76 0.00	36.60 -0.71 0.00	37.30 -0.76 0.00	36.33 -0.74 0.00	38.35 -0.74 0.00	43.50 -0.84 0.00	46.80 -0.91 0.00	51.07 -0.99 0.00	52.96 -0.97 0.00	52.69 -0.91 0.00	46.04 -0.94 0.00	40.36 -0.87 0.00	37.19 -0.72 0.00
BROOKHAVEN__DRP 24191	40.86 1.76 0.00	38.65 1.81 0.00	37.03 1.73 0.00	35.56 1.56 0.00	35.48 1.56 0.00	36.58 1.64 0.00	38.63 1.45 0.00	38.88 1.71 0.00	41.79 1.99 0.00	47.23 2.38 0.00	42.00 3.07 -0.01	41.08 2.90 -0.01	40.15 2.84 -0.01	41.04 2.97 -0.01	39.97 2.89 -0.01	42.19 3.09 -0.01	47.90 3.55 -0.01	50.71 3.01 0.00	55.13 3.07 0.00	57.11 3.18 0.00	57.08 3.48 0.00	49.94 2.96 0.00	44.36 3.13 0.00	40.57 2.65 0.00
BROOKLYN_NAVY_YARD 23515	40.31 1.21 0.00	38.06 1.21 0.00	36.47 1.16 0.00	35.05 1.05 0.00	34.93 1.02 0.00	36.02 1.08 0.00	38.33 1.15 0.00	38.62 1.45 0.00	41.51 1.71 0.00	46.92 2.06 0.00	40.82 1.91 0.00	40.04 1.87 0.00	39.17 1.86 0.00	40.08 2.02 0.00	39.07 2.00 0.00	41.20 2.11 0.00	46.69 2.35 0.00	50.19 2.48 0.00	54.45 2.40 0.00	56.68 2.75 0.00	56.49 2.89 0.00	49.28 2.30 0.00	43.17 1.94 0.00	39.39 1.48 0.00
BROOKLYN__ARMY_DRP 323595	40.51 1.41 0.00	38.24 1.40 0.00	36.58 1.27 0.00	35.15 1.16 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.59 1.41 0.00	38.73 1.56 0.00	41.71 1.91 0.00	47.06 2.20 0.00	41.06 2.14 0.00	40.27 2.10 0.00	39.40 2.09 0.00	40.35 2.28 0.00	39.33 2.26 0.00	41.48 2.38 0.00	46.91 2.57 0.00	50.33 2.62 0.00	54.35 2.29 0.00	56.57 2.64 0.00	56.33 2.73 0.00	49.47 2.49 0.00	43.41 2.19 0.00	39.58 1.67 0.00
BROOME_2_LFGE 323671	38.71 -0.39 0.00	36.51 -0.33 0.00	34.95 -0.35 0.00	33.65 -0.34 0.00	33.58 -0.34 0.00	34.73 -0.21 0.00	36.96 -0.22 0.00	36.99 -0.18 0.00	39.48 -0.32 0.00	44.55 -0.31 0.02	38.51 -0.39 0.06	37.61 -0.50 0.02	36.92 -0.37 0.15	37.34 -0.57 0.21	36.34 -0.52 0.21	38.46 -0.55 0.08	42.28 -0.62 1.44	45.08 -0.62 2.00	50.52 -0.68 0.85	53.08 -0.59 0.26	52.92 -0.59 0.09	46.25 -0.66 0.07	40.82 -0.41 0.00	37.72 -0.19 0.00
BROOME__LFGE 323600	38.71 -0.39 0.00	36.51 -0.33 0.00	34.95 -0.35 0.00	33.65 -0.34 0.00	33.58 -0.34 0.00	34.73 -0.21 0.00	36.96 -0.22 0.00	36.99 -0.18 0.00	39.48 -0.32 0.00	44.55 -0.31 0.02	38.51 -0.39 0.06	37.61 -0.50 0.02	36.92 -0.37 0.15	37.34 -0.57 0.21	36.34 -0.52 0.21	38.46 -0.55 0.08	42.28 -0.62 1.44	45.08 -0.62 2.00	50.52 -0.68 0.85	53.08 -0.59 0.26	52.92 -0.59 0.09	46.25 -0.66 0.07	40.82 -0.41 0.00	37.72 -0.19 0.00
BROWNFLS_115KV_TB_3_5 80003	38.90 -0.20 0.00	36.44 -0.41 0.00	34.63 -0.67 0.00	33.14 -0.85 0.00	32.90 -1.02 0.00	33.71 -1.22 0.00	35.95 -1.23 0.00	35.95 -1.23 0.00	38.56 -1.23 0.00	43.60 -1.26 0.00	37.75 -1.17 0.00	36.98 -1.18 0.00	36.04 -1.27 0.00	36.92 -1.14 0.00	36.03 -1.04 0.00	38.15 -0.94 0.00	43.45 -0.89 0.00	46.80 -0.91 0.00	51.27 -0.78 0.00	53.23 -0.70 0.00	52.85 -0.75 0.00	46.51 -0.47 0.00	40.90 -0.33 0.00	37.38 -0.53 0.00
BROWNSV1_27_KV_LOAD 356125	40.62 1.52 0.00	38.35 1.51 0.00	36.75 1.45 0.00	35.32 1.33 0.00	35.24 1.32 0.00	36.30 1.36 0.00	38.78 1.60 0.00	38.88 1.71 0.00	41.83 2.03 0.00	47.28 2.42 0.00	41.17 2.26 0.00	40.34 2.18 0.00	39.47 2.16 0.00	40.38 2.32 0.00	39.37 2.30 0.00	41.51 2.42 0.00	47.05 2.70 0.00	50.57 2.86 0.00	54.87 2.81 0.00	57.11 3.18 0.00	56.92 3.32 0.00	49.61 2.63 0.00	43.50 2.27 0.00	39.69 1.78 0.00
BURROWS__LYONSDAL 23803	39.65 0.55 0.00	37.29 0.44 0.00	35.48 0.18 0.00	33.96 -0.03 0.00	33.61 -0.31 0.00	34.55 -0.38 0.00	36.84 -0.33 0.00	36.80 -0.37 0.00	39.48 -0.32 0.00	44.54 -0.31 0.00	38.64 -0.27 0.00	37.79 -0.38 0.00	36.93 -0.37 0.00	37.76 -0.30 0.00	36.89 -0.19 0.00	39.01 -0.08 0.00	44.56 0.22 0.00	48.09 0.38 0.00	52.68 0.62 0.00	54.74 0.81 0.00	54.19 0.59 0.00	47.49 0.52 0.00	41.68 0.45 0.00	38.18 0.27 0.00
CAITHNESS_CC_1 323624	40.86 1.76 0.00	38.61 1.77 0.00	37.10 1.80 0.00	35.56 1.56 0.00	35.41 1.49 0.00	36.54 1.61 0.00	38.29 1.11 0.00	38.85 1.67 0.00	41.79 1.99 0.00	47.23 2.38 0.00	41.88 2.96 -0.01	41.00 2.82 -0.01	40.08 2.76 -0.01	40.93 2.86 -0.01	39.90 2.82 -0.01	42.11 3.01 -0.01	47.76 3.41 -0.01	50.43 2.72 0.00	54.97 2.91 0.00	56.84 2.91 0.00	57.03 3.43 0.00	49.84 2.87 0.00	44.28 3.05 0.00	40.49 2.58 0.00
CALPINE BETH_PAGE_GT4 24209	40.74 1.64 0.00	38.43 1.58 0.00	36.86 1.55 0.00	35.42 1.43 0.00	35.34 1.42 0.00	36.44 1.50 0.00	38.56 1.38 0.00	38.81 1.64 0.00	41.79 1.99 0.00	47.23 2.38 0.00	41.46 2.53 -0.01	40.62 2.44 -0.01	39.71 2.39 -0.01	40.58 2.51 -0.01	39.53 2.45 -0.01	41.72 2.62 -0.01	47.28 2.93 -0.01	50.19 2.48 0.00	54.50 2.45 0.00	56.68 2.75 0.00	56.49 2.89 0.00	49.47 2.49 0.00	43.87 2.64 0.00	40.15 2.24 0.00
CALPINE_BETH_PAGE_GT_4 323586	40.74 1.64 0.00	38.43 1.58 0.00	36.96 1.66 0.00	35.46 1.46 0.00	35.34 1.42 0.00	36.44 1.50 0.00	38.33 1.15 0.00	38.81 1.63 0.00	41.79 1.99 0.00	47.23 2.38 0.00	41.45 2.53 -0.01	40.62 2.44 -0.01	39.71 2.39 -0.01	40.58 2.51 -0.01	39.53 2.45 -0.01	41.72 2.62 -0.01	47.28 2.93 -0.01	50.09 2.38 0.00	54.50 2.45 0.00	56.63 2.70 0.00	56.65 3.05 0.00	49.47 2.49 0.00	43.87 2.64 0.00	40.15 2.24 0.00
CALPINE_BP_GT1 23823	40.74 1.64 0.00	38.43 1.58 0.00	36.96 1.66 0.00	35.46 1.46 0.00	35.34 1.42 0.00	36.44 1.50 0.00	38.33 1.15 0.00	38.81 1.63 0.00	41.79 1.99 0.00	47.23 2.38 0.00	41.45 2.53 -0.01	40.62 2.44 -0.01	39.71 2.39 -0.01	40.58 2.51 -0.01	39.53 2.45 -0.01	41.72 2.62 -0.01	47.28 2.93 -0.01	50.09 2.38 0.00	54.50 2.45 0.00	56.63 2.70 0.00	56.65 3.05 0.00	49.47 2.49 0.00	43.87 2.64 0.00	40.15 2.24 0.00
CALSPAN__DRP 24200	34.96 -4.14 0.00	33.09 -3.76 0.00	31.60 -3.71 0.00	30.39 -3.60 0.00	30.46 -3.46 0.00	32.07 -2.86 0.00	33.46 -3.72 0.00	33.46 -3.72 0.00	35.50 -4.30 0.00	40.24 -4.62 0.00	34.42 -4.40 0.10	33.34 -4.50 0.33	33.18 -4.03 0.10	32.59 -4.61 0.86	31.38 -4.49 1.21	33.86 -4.77 0.46	31.74 -5.68 6.92	31.83 -6.30 9.58	41.04 -6.92 4.10	45.60 -7.07 1.26	43.34 -6.97 3.29	38.82 -6.20 1.96	36.52 -4.70 0.01	34.58 -3.34 0.00

CALVERTON__SOLAR 323806	40.94 1.84 0.00	38.72 1.88 0.00	37.21 1.91 0.00	35.66 1.67 0.00	35.51 1.59 0.00	36.65 1.71 0.00	38.37 1.19 0.00	38.92 1.75 0.00	41.83 2.03 0.00	47.28 2.42 0.00	42.08 3.15 -0.01	41.19 3.01 -0.01	40.23 2.91 -0.01	41.12 3.05 -0.01	40.05 2.97 -0.01	42.26 3.16 -0.01	47.99 3.64 -0.01	50.67 2.96 0.00	55.23 3.18 0.00	57.06 3.13 0.00	57.35 3.75 0.00	50.08 3.10 0.00	44.45 3.22 0.00	40.68 2.77 0.00
CANDIGU_WT_PWR 323617	36.68 -2.42 0.00	34.60 -2.25 0.00	33.01 -2.29 0.00	31.79 -2.21 0.00	31.71 -2.20 0.00	33.19 -1.75 0.00	35.24 -1.93 0.00	35.09 -2.08 0.00	37.29 -2.51 0.00	42.08 -2.78 0.00	36.22 -2.65 0.05	35.18 -2.82 0.16	34.76 -2.50 0.05	34.71 -2.93 0.43	33.59 -2.89 0.60	35.85 -3.01 0.23	36.41 -3.50 4.43	37.94 -3.63 6.14	45.65 -3.80 2.61	49.38 -3.78 0.78	47.81 -3.70 2.09	42.32 -3.43 1.23	38.71 -2.52 0.00	36.17 -1.74 0.00
CARR STREET_E_SYR 24060	38.67 -0.43 0.00	36.48 -0.37 0.00	34.88 -0.42 0.00	33.62 -0.37 0.00	33.54 -0.37 0.00	34.62 -0.32 0.00	36.84 -0.34 0.00	36.84 -0.34 0.00	39.40 -0.40 0.00	44.50 -0.36 0.00	38.57 -0.35 0.00	37.75 -0.42 0.00	36.93 -0.37 0.00	37.68 -0.38 0.00	36.70 -0.37 0.00	38.74 -0.35 0.00	43.94 -0.40 0.00	47.23 -0.48 0.00	51.54 -0.52 0.00	53.45 -0.49 0.00	53.11 -0.48 0.00	46.46 -0.52 0.00	40.74 -0.49 0.00	37.57 -0.34 0.00
CARTHAGE__PAPER 23857	39.61 0.51 0.00	37.14 0.29 0.00	35.23 -0.07 0.00	33.72 -0.27 0.00	33.34 -0.58 0.00	34.24 -0.70 0.00	36.55 -0.63 0.00	36.43 -0.74 0.00	39.12 -0.68 0.00	44.05 -0.81 0.00	38.14 -0.78 0.00	37.25 -0.92 0.00	36.30 -1.01 0.00	37.15 -0.91 0.00	36.29 -0.78 0.00	38.46 -0.63 0.00	44.03 -0.31 0.00	47.71 0.00 0.00	52.52 0.47 0.00	54.74 0.81 0.00	54.13 0.54 0.00	47.50 0.52 0.00	41.60 0.37 0.00	37.95 0.04 0.00
CASSADAGA_WT_PWR 323784	34.13 -4.97 0.00	32.16 -4.68 0.00	30.68 -4.62 0.00	29.47 -4.52 0.00	29.51 -4.41 0.00	31.20 -3.74 0.00	33.24 -3.94 0.00	33.01 -4.16 0.00	35.10 -4.70 0.00	40.15 -4.71 0.00	34.78 -4.05 0.09	33.56 -4.31 0.30	33.38 -3.84 0.09	32.86 -4.41 0.79	31.60 -4.37 1.10	34.29 -4.38 0.42	32.54 -5.28 6.52	32.82 -5.87 9.02	41.74 -6.46 3.86	46.00 -6.74 1.18	43.76 -6.75 3.09	38.94 -6.20 1.84	36.77 -4.45 0.01	34.73 -3.18 0.00
CE_DUNWOOD__DRP 24194	40.27 1.17 0.00	38.06 1.22 0.00	36.47 1.17 0.00	35.08 1.09 0.00	35.00 1.09 0.00	36.05 1.12 0.00	38.52 1.34 0.00	38.59 1.41 0.00	41.43 1.63 0.00	46.74 1.88 0.00	40.71 1.79 0.00	39.88 1.72 0.00	39.02 1.72 0.00	39.85 1.79 0.00	38.85 1.78 0.00	40.97 1.88 0.00	46.47 2.13 0.00	49.95 2.24 0.00	54.29 2.24 0.00	56.52 2.59 0.00	56.22 2.63 0.00	49.09 2.11 0.00	43.04 1.81 0.00	39.32 1.40 0.00
CE_MILLWOOD__DRP 24193	40.23 1.13 0.00	38.02 1.18 0.00	36.43 1.13 0.00	35.05 1.05 0.00	34.97 1.05 0.00	36.02 1.08 0.00	38.44 1.26 0.00	38.51 1.34 0.00	41.35 1.55 0.00	46.65 1.79 0.00	40.63 1.71 0.00	39.77 1.60 0.00	38.91 1.60 0.00	39.77 1.71 0.00	38.78 1.71 0.00	40.89 1.80 0.00	46.38 2.04 0.00	49.81 2.10 0.00	54.24 2.19 0.00	56.41 2.48 0.00	56.12 2.52 0.00	48.95 1.97 0.00	42.96 1.73 0.00	39.24 1.33 0.00
CE_NYC2_DRP 24202	40.47 1.37 0.00	38.21 1.36 0.00	36.58 1.27 0.00	35.15 1.16 0.00	35.07 1.15 0.00	36.12 1.19 0.00	38.59 1.41 0.00	38.73 1.56 0.00	41.63 1.83 0.00	47.06 2.20 0.00	41.02 2.10 0.00	40.19 2.02 0.00	39.32 2.01 0.00	40.23 2.17 0.00	39.22 2.15 0.00	41.36 2.27 0.00	46.87 2.53 0.00	50.28 2.58 0.00	54.45 2.39 0.00	56.68 2.75 0.00	56.49 2.89 0.00	49.37 2.40 0.00	43.29 2.06 0.00	39.50 1.59 0.00
CE_NYC_DRP 24195	40.39 1.29 0.00	38.17 1.33 0.00	36.54 1.24 0.00	35.12 1.12 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.56 1.38 0.00	38.66 1.49 0.00	41.59 1.79 0.00	46.97 2.11 0.00	40.90 1.98 0.00	40.11 1.95 0.00	39.21 1.90 0.00	40.12 2.06 0.00	39.11 2.04 0.00	41.24 2.15 0.00	46.74 2.39 0.00	50.24 2.53 0.00	54.55 2.50 0.00	56.74 2.80 0.00	56.55 2.95 0.00	49.33 2.35 0.00	43.25 2.02 0.00	39.47 1.55 0.00
CHAFFEE__LFGE 323603	35.07 -4.03 0.00	33.16 -3.68 0.00	31.70 -3.60 0.00	30.49 -3.50 0.00	30.56 -3.36 0.00	32.14 -2.80 0.00	34.06 -3.12 0.00	33.60 -3.57 0.00	35.66 -4.14 0.00	40.42 -4.44 0.00	34.70 -4.13 0.09	33.43 -4.43 0.31	33.30 -3.92 0.09	32.71 -4.53 0.82	31.47 -4.45 1.15	33.96 -4.69 0.44	31.97 -5.68 6.69	32.15 -6.30 9.26	41.17 -6.92 3.96	45.65 -7.06 1.22	43.51 -6.91 3.18	38.94 -6.15 1.89	36.69 -4.54 0.01	34.73 -3.18 0.00
CHATEAUG_35_KV_LOAD 355732	39.69 0.59 0.00	37.14 0.29 0.00	35.34 0.04 0.00	33.89 -0.10 0.00	33.78 -0.14 0.00	34.59 -0.35 0.00	36.84 -0.33 0.00	36.91 -0.26 0.00	39.60 -0.20 0.00	44.86 0.00 0.00	38.88 -0.04 0.00	38.24 0.08 0.00	37.31 0.00 0.00	38.18 0.11 0.00	37.15 0.07 0.00	39.29 0.20 0.00	44.43 0.09 0.00	47.66 -0.05 0.00	51.95 -0.10 0.00	53.72 -0.22 0.00	53.54 -0.05 0.00	47.31 0.33 0.00	41.68 0.45 0.00	38.22 0.30 0.00
CHATEAUG_WT_PWR 323614	39.57 0.47 0.00	37.07 0.22 0.00	35.27 -0.04 0.00	33.83 -0.17 0.00	33.71 -0.20 0.00	34.55 -0.38 0.00	36.81 -0.37 0.00	36.87 -0.30 0.00	39.56 -0.24 0.00	44.86 0.00 0.00	38.88 -0.04 0.00	38.28 0.11 0.00	37.34 0.04 0.00	38.21 0.15 0.00	37.18 0.11 0.00	39.29 0.20 0.00	44.43 0.09 0.00	47.61 -0.10 0.00	51.85 -0.21 0.00	53.61 -0.32 0.00	53.33 -0.27 0.00	47.12 0.14 0.00	41.56 0.33 0.00	38.14 0.23 0.00
CHAT_HIGH_FALL_HYD 323578	39.69 0.59 0.00	37.14 0.29 0.00	35.34 0.04 0.00	33.89 -0.10 0.00	33.78 -0.14 0.00	34.59 -0.35 0.00	36.84 -0.33 0.00	36.91 -0.26 0.00	39.60 -0.20 0.00	44.86 0.00 0.00	38.88 -0.04 0.00	38.24 0.08 0.00	37.31 0.00 0.00	38.18 0.11 0.00	37.15 0.07 0.00	39.29 0.20 0.00	44.43 0.09 0.00	47.66 -0.05 0.00	51.95 -0.10 0.00	53.72 -0.22 0.00	53.54 -0.05 0.00	47.31 0.33 0.00	41.68 0.45 0.00	38.22 0.30 0.00
CHAUTAUQUA__LFGE 323629	34.64 -4.46 0.00	32.75 -4.09 0.00	31.28 -4.03 0.00	30.05 -3.94 0.00	30.12 -3.80 0.00	31.72 -3.21 0.00	33.72 -3.46 0.00	33.38 -3.79 0.00	35.46 -4.34 0.00	40.28 -4.58 0.00	34.70 -4.13 0.09	33.47 -4.39 0.31	33.30 -3.92 0.09	32.80 -4.45 0.81	31.60 -4.34 1.14	34.16 -4.49 0.43	32.26 -5.41 6.67	32.52 -5.97 9.22	41.66 -6.46 3.94	46.08 -6.64 1.21	43.90 -6.54 3.16	39.13 -5.97 1.88	36.73 -4.49 0.01	34.73 -3.18 0.00
CHERRYST_13_KV_LD 356241	40.47 1.37 0.00	38.24 1.40 0.00	36.61 1.31 0.00	35.22 1.22 0.00	35.14 1.22 0.00	36.19 1.26 0.00	38.67 1.49 0.00	38.77 1.60 0.00	41.67 1.87 0.00	47.10 2.24 0.00	41.02 2.10 0.00	40.19 2.02 0.00	39.32 2.01 0.00	40.23 2.17 0.00	39.22 2.15 0.00	41.36 2.27 0.00	46.87 2.53 0.00	50.38 2.67 0.00	54.66 2.60 0.00	56.90 2.97 0.00	56.71 3.11 0.00	49.42 2.44 0.00	43.33 2.10 0.00	39.58 1.67 0.00

CHESTROR_138KV_BK263 355645	39.92 0.82 0.00	37.73 0.88 0.00	36.15 0.85 0.00	34.78 0.78 0.00	34.70 0.78 0.00	35.74 0.80 0.00	38.18 1.00 0.00	38.14 0.97 0.00	40.87 1.07 0.00	46.11 1.26 0.00	40.08 1.17 0.00	39.24 1.07 0.00	38.39 1.08 0.00	39.20 1.14 0.00	38.26 1.19 0.00	40.34 1.25 0.00	45.80 1.46 0.00	49.28 1.57 0.00	53.72 1.67 0.00	55.87 1.94 0.00	55.58 1.98 0.00	48.48 1.50 0.00	42.51 1.28 0.00	38.90 0.99 0.00
CH_MIDHUDSON___DRP 24192	40.27 1.17 0.00	38.02 1.18 0.00	36.47 1.17 0.00	35.08 1.09 0.00	35.00 1.09 0.00	36.09 1.15 0.00	38.52 1.34 0.00	38.47 1.30 0.00	41.27 1.47 0.00	46.52 1.66 0.00	40.43 1.52 0.00	39.62 1.45 0.00	38.73 1.42 0.00	39.55 1.48 0.00	38.56 1.48 0.00	40.65 1.56 0.00	46.20 1.86 0.00	49.71 2.00 0.00	54.14 2.08 0.00	56.30 2.37 0.00	56.01 2.41 0.00	48.90 1.93 0.00	42.84 1.61 0.00	39.16 1.25 0.00
CH_MISC_IPPS 23765	40.43 1.33 0.00	38.17 1.32 0.00	36.61 1.31 0.00	35.22 1.22 0.00	35.10 1.19 0.00	36.19 1.26 0.00	38.52 1.34 0.00	38.55 1.38 0.00	41.35 1.55 0.00	46.65 1.80 0.00	40.51 1.60 0.00	39.65 1.49 0.00	38.76 1.45 0.00	39.62 1.56 0.00	38.63 1.56 0.00	40.77 1.68 0.00	46.38 2.04 0.00	49.95 2.24 0.00	54.34 2.29 0.00	56.57 2.64 0.00	56.28 2.68 0.00	49.09 2.12 0.00	42.96 1.73 0.00	39.32 1.40 0.00
CH_RES_BVR_FALLS 23983	39.02 -0.08 0.00	36.66 -0.18 0.00	35.02 -0.28 0.00	33.65 -0.34 0.00	33.54 -0.37 0.00	34.52 -0.42 0.00	36.77 -0.41 0.00	36.80 -0.37 0.00	39.44 -0.36 0.00	44.55 -0.31 0.00	38.65 -0.27 0.00	37.98 -0.19 0.00	37.12 -0.19 0.00	37.95 -0.11 0.00	36.96 -0.11 0.00	39.01 -0.08 0.00	44.21 -0.13 0.00	47.52 -0.19 0.00	51.80 -0.26 0.00	53.56 -0.37 0.00	53.23 -0.37 0.00	46.74 -0.23 0.00	41.11 -0.12 0.00	37.76 -0.15 0.00
CH_RES_NIAGARA 23895	34.33 -4.77 0.00	32.50 -4.35 0.00	31.07 -4.24 0.00	29.92 -4.08 0.00	30.01 -3.90 0.00	31.58 -3.35 0.00	32.38 -4.80 0.00	32.38 -4.80 0.00	34.31 -5.49 0.00	38.85 -6.01 0.00	33.05 -5.76 0.10	32.16 -5.65 0.35	31.83 -5.37 0.10	32.04 -5.10 0.93	30.81 -4.97 1.29	33.16 -5.43 0.50	30.75 -6.12 7.48	30.45 -6.92 10.34	40.13 -7.50 4.42	44.80 -7.77 1.37	42.49 -7.56 3.55	38.10 -6.76 2.12	35.04 -6.18 0.01	33.40 -4.51 0.00
CH_RES_SYRACUSE 23985	38.94 -0.16 0.00	36.70 -0.15 0.00	35.09 -0.21 0.00	33.83 -0.17 0.00	33.75 -0.17 0.00	34.83 -0.10 0.00	37.07 -0.11 0.00	37.10 -0.07 0.00	39.68 -0.12 0.00	44.77 -0.09 0.00	38.80 -0.12 0.00	38.01 -0.15 0.00	37.20 -0.11 0.00	37.91 -0.15 0.00	36.93 -0.15 0.00	38.97 -0.12 0.00	44.21 -0.13 0.00	47.57 -0.14 0.00	51.85 -0.21 0.00	53.77 -0.16 0.00	53.49 -0.11 0.00	46.74 -0.23 0.00	41.02 -0.21 0.00	37.80 -0.11 0.00
CLINTON_WT_PWR 323605	39.57 0.47 0.00	37.07 0.22 0.00	35.27 -0.04 0.00	33.83 -0.17 0.00	33.71 -0.20 0.00	34.55 -0.38 0.00	36.81 -0.37 0.00	36.87 -0.30 0.00	39.56 -0.24 0.00	44.86 0.00 0.00	38.88 -0.04 0.00	38.28 0.11 0.00	37.34 0.04 0.00	38.21 0.15 0.00	37.18 0.11 0.00	39.29 0.20 0.00	44.43 0.09 0.00	47.61 -0.10 0.00	51.85 -0.21 0.00	53.61 -0.32 0.00	53.33 -0.27 0.00	47.12 0.14 0.00	41.56 0.33 0.00	38.14 0.23 0.00
CLINTON___LFGE 323618	40.23 1.13 0.00	37.62 0.77 0.00	35.76 0.46 0.00	34.30 0.31 0.00	34.22 0.30 0.00	35.04 0.11 0.00	37.37 0.19 0.00	37.47 0.30 0.00	40.20 0.40 0.00	45.62 0.76 0.00	39.54 0.62 0.00	38.89 0.72 0.00	37.90 0.60 0.00	38.78 0.72 0.00	37.70 0.63 0.00	39.91 0.82 0.00	45.14 0.80 0.00	48.33 0.62 0.00	52.63 0.57 0.00	54.42 0.48 0.00	54.13 0.54 0.00	47.97 0.99 0.00	42.30 1.07 0.00	38.75 0.83 0.00
COBBLENY_34_KV_TB1 80064	35.07 -4.03 0.00	33.16 -3.68 0.00	31.70 -3.60 0.00	30.46 -3.54 0.00	30.56 -3.36 0.00	32.14 -2.79 0.00	33.61 -3.57 0.00	33.60 -3.57 0.00	35.66 -4.14 0.00	40.42 -4.44 0.00	34.58 -4.24 0.09	33.43 -4.43 0.31	33.30 -3.92 0.09	32.71 -4.53 0.82	31.47 -4.45 1.15	33.96 -4.69 0.44	32.02 -5.63 6.69	32.20 -6.25 9.26	41.22 -6.87 3.96	45.70 -7.01 1.22	43.51 -6.91 3.18	38.93 -6.15 1.89	36.69 -4.54 0.01	34.73 -3.18 0.00
COFFEEN__115KV_TB3 355620	39.92 0.82 0.00	37.43 0.59 0.00	35.55 0.25 0.00	34.13 0.14 0.00	33.78 -0.14 0.00	34.73 -0.21 0.00	37.07 -0.11 0.00	36.91 -0.26 0.00	39.60 -0.20 0.00	44.59 -0.27 0.00	38.60 -0.31 0.00	37.59 -0.57 0.00	36.64 -0.67 0.00	37.38 -0.69 0.00	36.55 -0.52 0.00	38.74 -0.35 0.00	44.34 0.00 0.00	48.09 0.38 0.00	53.10 1.04 0.00	55.44 1.51 0.00	54.78 1.18 0.00	47.92 0.94 0.00	41.97 0.74 0.00	38.22 0.30 0.00
COLDSPRG_115KV_BK1 355956	35.23 -3.87 0.00	33.27 -3.57 0.00	31.74 -3.57 0.00	30.49 -3.50 0.00	30.56 -3.36 0.00	32.21 -2.72 0.00	33.94 -3.23 0.00	34.05 -3.12 0.00	36.14 -3.66 0.00	41.09 -3.77 0.00	35.33 -3.50 0.08	33.95 -3.93 0.28	33.98 -3.25 0.08	33.09 -4.22 0.75	31.84 -4.19 1.04	34.31 -4.38 0.40	32.73 -5.32 6.29	33.18 -5.82 8.70	41.93 -6.40 3.72	46.21 -6.58 1.14	44.09 -6.54 2.97	39.29 -5.92 1.76	37.51 -3.71 0.01	35.41 -2.50 0.00
COLONIE_LFGE___ 323577	40.08 0.98 0.00	37.84 1.00 0.00	36.40 1.10 0.00	35.08 1.09 0.00	35.00 1.08 0.00	36.09 1.15 0.00	38.48 1.30 0.00	38.36 1.19 0.00	40.99 1.19 0.00	46.07 1.21 0.00	40.00 1.09 0.00	39.27 1.11 0.00	38.32 1.01 0.00	39.01 0.95 0.00	37.93 0.85 0.00	39.87 0.78 0.00	45.32 0.97 0.00	48.95 1.24 0.00	53.62 1.56 0.00	55.55 1.62 0.00	55.10 1.50 0.00	48.29 1.31 0.00	42.30 1.07 0.00	38.75 0.83 0.00
COOPERNY_115KV_TB1 80082	39.76 0.66 0.00	37.58 0.74 0.00	36.01 0.71 0.00	34.67 0.68 0.00	34.56 0.64 0.00	35.60 0.66 0.00	38.03 0.86 0.00	38.03 0.85 0.00	40.75 0.96 0.00	45.93 1.08 0.00	39.93 1.01 0.00	39.12 0.95 0.00	38.28 0.97 0.00	39.05 0.99 0.00	38.15 1.08 0.00	40.19 1.09 0.00	45.63 1.29 0.00	49.09 1.38 0.00	53.46 1.41 0.00	55.60 1.67 0.00	55.31 1.72 0.00	48.25 1.27 0.00	42.30 1.07 0.00	38.75 0.83 0.00
COPENHAGEN_WT_PWR 323753	39.65 0.55 0.00	37.21 0.37 0.00	35.38 0.07 0.00	33.93 -0.07 0.00	33.61 -0.31 0.00	34.55 -0.38 0.00	36.88 -0.30 0.00	36.76 -0.41 0.00	39.44 -0.36 0.00	44.41 -0.45 0.00	38.45 -0.47 0.00	37.52 -0.65 0.00	36.60 -0.71 0.00	37.30 -0.76 0.00	36.52 -0.56 0.00	38.66 -0.43 0.00	44.21 -0.13 0.00	47.90 0.19 0.00	52.73 0.67 0.00	55.07 1.13 0.00	54.35 0.75 0.00	47.59 0.61 0.00	41.68 0.45 0.00	38.03 0.11 0.00
CORNELL____ 23752	39.49 0.39 0.00	37.25 0.41 0.00	35.55 0.25 0.00	34.27 0.27 0.00	34.19 0.27 0.00	35.32 0.38 0.00	37.55 0.37 0.00	37.66 0.48 0.00	40.20 0.40 0.00	45.31 0.45 0.00	39.11 0.19 0.00	38.17 0.00 0.00	37.34 0.04 0.00	37.95 -0.11 0.00	37.00 -0.07 0.00	39.09 0.00 0.00	47.79 0.18 -3.28	52.67 0.38 -4.58	54.52 0.57 -1.89	55.18 0.76 -0.50	54.12 0.75 0.23	47.32 0.47 0.13	41.68 0.45 0.00	38.44 0.53 0.00

CORONA_69_KV_TB1 355595	40.78 1.68 0.00	38.50 1.66 0.00	36.89 1.59 0.00	35.46 1.46 0.00	35.37 1.46 0.00	36.47 1.54 0.00	38.70 1.52 0.00	38.88 1.71 0.00	41.87 2.07 0.00	47.28 2.42 0.00	41.46 2.53 -0.02	40.63 2.44 -0.02	39.75 2.42 -0.02	40.59 2.51 -0.02	39.57 2.48 -0.02	41.73 2.62 -0.02	47.29 2.93 -0.02	50.33 2.62 0.00	54.66 2.60 0.00	56.90 2.97 0.00	56.65 3.06 0.00	49.56 2.58 0.00	43.79 2.56 0.00	40.04 2.12 0.00
CORTLAND_115KV_TB3 80093	39.22 0.12 0.00	36.95 0.11 0.00	35.34 0.04 0.00	34.06 0.07 0.00	33.98 0.07 0.00	35.08 0.14 0.00	37.29 0.11 0.00	37.36 0.19 0.00	39.96 0.16 0.00	45.04 0.18 0.00	38.96 0.04 0.00	38.09 -0.08 0.00	37.27 -0.04 0.00	37.91 -0.15 0.00	36.96 -0.11 0.00	39.01 -0.08 0.00	45.18 -0.04 -0.88	48.98 0.05 -1.23	52.72 0.16 -0.51	54.33 0.27 -0.13	53.87 0.27 0.00	47.07 0.09 0.00	41.35 0.12 0.00	38.10 0.19 0.00
COXSACKIE___GT 23611	41.29 2.19 0.00	38.87 2.03 0.00	37.32 2.01 0.00	35.97 1.97 0.00	35.85 1.93 0.00	36.96 2.03 0.00	39.45 2.27 0.00	38.88 1.71 0.00	41.51 1.71 0.00	46.56 1.70 0.00	40.20 1.28 0.00	39.23 1.07 0.00	38.28 0.97 0.00	39.01 0.95 0.00	37.96 0.89 0.00	40.07 0.98 0.00	45.94 1.59 0.00	49.95 2.24 0.00	54.71 2.65 0.00	56.84 2.91 0.00	56.44 2.84 0.00	49.42 2.44 0.00	43.17 1.94 0.00	39.58 1.67 0.00
CPV_VALLEY___CC1 323721	39.69 0.59 0.00	37.51 0.66 0.00	35.97 0.67 0.00	34.61 0.61 0.00	34.49 0.58 0.00	35.53 0.59 0.00	37.81 0.63 0.00	37.95 0.78 0.00	40.67 0.87 0.00	45.84 0.99 0.00	39.85 0.93 0.00	39.05 0.88 0.00	38.24 0.93 0.00	39.01 0.95 0.00	38.07 1.00 0.00	40.11 1.01 0.00	45.54 1.20 0.00	49.00 1.29 0.00	53.36 1.30 0.00	55.50 1.57 0.00	55.20 1.61 0.00	48.20 1.22 0.00	42.22 0.99 0.00	38.71 0.80 0.00
CPV_VALLEY___CC2 323722	39.69 0.59 0.00	37.51 0.66 0.00	35.97 0.67 0.00	34.61 0.61 0.00	34.49 0.58 0.00	35.53 0.59 0.00	37.81 0.63 0.00	37.95 0.78 0.00	40.67 0.87 0.00	45.84 0.99 0.00	39.85 0.93 0.00	39.05 0.88 0.00	38.24 0.93 0.00	39.01 0.95 0.00	38.07 1.00 0.00	40.11 1.01 0.00	45.54 1.20 0.00	49.00 1.29 0.00	53.36 1.30 0.00	55.50 1.57 0.00	55.20 1.61 0.00	48.20 1.22 0.00	42.22 0.99 0.00	38.71 0.80 0.00
CRESCENT___HYD 24018	40.08 0.98 0.00	37.84 1.00 0.00	36.40 1.10 0.00	35.08 1.09 0.00	35.00 1.08 0.00	36.09 1.15 0.00	38.48 1.30 0.00	38.36 1.19 0.00	40.99 1.19 0.00	46.07 1.21 0.00	40.00 1.09 0.00	39.27 1.11 0.00	38.32 1.01 0.00	39.01 0.95 0.00	37.93 0.85 0.00	39.87 0.78 0.00	45.32 0.97 0.00	48.95 1.24 0.00	53.62 1.56 0.00	55.55 1.62 0.00	55.10 1.50 0.00	48.29 1.31 0.00	42.30 1.07 0.00	38.75 0.83 0.00
CRICKET___VALLEY_CC1 323756	39.88 0.78 0.00	37.69 0.85 0.00	36.15 0.85 0.00	34.81 0.81 0.00	34.73 0.81 0.00	35.77 0.84 0.00	38.07 0.89 0.00	38.21 1.04 0.00	40.99 1.19 0.00	46.16 1.30 0.00	40.16 1.24 0.00	39.39 1.22 0.00	38.50 1.19 0.00	39.32 1.25 0.00	38.29 1.22 0.00	40.34 1.25 0.00	45.76 1.42 0.00	49.23 1.53 0.00	53.67 1.62 0.00	55.77 1.83 0.00	55.47 1.87 0.00	48.48 1.50 0.00	42.47 1.24 0.00	38.79 0.87 0.00
CRICKET___VALLEY_CC2 323757	39.88 0.78 0.00	37.69 0.85 0.00	36.15 0.85 0.00	34.81 0.81 0.00	34.73 0.81 0.00	35.77 0.84 0.00	38.07 0.89 0.00	38.21 1.04 0.00	40.99 1.19 0.00	46.16 1.30 0.00	40.16 1.24 0.00	39.39 1.22 0.00	38.50 1.19 0.00	39.32 1.25 0.00	38.29 1.22 0.00	40.34 1.25 0.00	45.76 1.42 0.00	49.23 1.53 0.00	53.67 1.62 0.00	55.77 1.83 0.00	55.47 1.87 0.00	48.48 1.50 0.00	42.47 1.24 0.00	38.79 0.87 0.00
CRICKET___VALLEY_CC3 323758	39.88 0.78 0.00	37.69 0.85 0.00	36.15 0.85 0.00	34.81 0.81 0.00	34.73 0.81 0.00	35.77 0.84 0.00	38.07 0.89 0.00	38.21 1.04 0.00	40.99 1.19 0.00	46.16 1.30 0.00	40.16 1.24 0.00	39.39 1.22 0.00	38.50 1.19 0.00	39.32 1.25 0.00	38.29 1.22 0.00	40.34 1.25 0.00	45.76 1.42 0.00	49.23 1.53 0.00	53.67 1.62 0.00	55.77 1.83 0.00	55.47 1.87 0.00	48.48 1.50 0.00	42.47 1.24 0.00	38.79 0.87 0.00
CRUCIBLE_METL_DRP 24180	38.94 -0.16 0.00	36.70 -0.15 0.00	35.09 -0.21 0.00	33.86 -0.14 0.00	33.75 -0.17 0.00	34.83 -0.10 0.00	37.03 -0.15 0.00	37.10 -0.07 0.00	39.68 -0.12 0.00	44.77 -0.09 0.00	38.80 -0.12 0.00	38.01 -0.15 0.00	37.20 -0.11 0.00	37.91 -0.15 0.00	36.92 -0.15 0.00	38.97 -0.12 0.00	44.21 -0.13 0.00	47.56 -0.14 0.00	51.85 -0.21 0.00	53.77 -0.16 0.00	53.44 -0.16 0.00	46.74 -0.23 0.00	41.02 -0.21 0.00	37.80 -0.11 0.00
DAHOWA___HYDRO 323763	40.55 1.45 0.00	38.21 1.36 0.00	36.75 1.45 0.00	35.42 1.43 0.00	35.37 1.46 0.00	36.47 1.54 0.00	38.93 1.75 0.00	38.73 1.56 0.00	41.43 1.63 0.00	46.65 1.80 0.00	40.47 1.56 0.00	39.65 1.49 0.00	38.65 1.34 0.00	39.36 1.29 0.00	38.22 1.15 0.00	40.30 1.21 0.00	45.85 1.51 0.00	49.66 1.96 0.00	54.34 2.29 0.00	56.41 2.48 0.00	55.90 2.30 0.00	48.95 1.97 0.00	42.84 1.61 0.00	39.24 1.33 0.00
DANC___LFGE 323619	39.14 0.04 0.00	36.77 -0.07 0.00	34.99 -0.32 0.00	33.62 -0.37 0.00	33.37 -0.54 0.00	34.34 -0.59 0.00	36.62 -0.56 0.00	36.54 -0.63 0.00	39.16 -0.64 0.00	44.14 -0.72 0.00	38.22 -0.70 0.00	37.29 -0.88 0.00	36.41 -0.90 0.00	37.11 -0.95 0.00	36.26 -0.82 0.00	38.39 -0.70 0.00	43.81 -0.53 0.00	47.42 -0.28 0.00	52.11 0.05 0.00	54.31 0.38 0.00	53.71 0.11 0.00	47.03 0.05 0.00	41.19 -0.04 0.00	37.65 -0.26 0.00
DANSKAMMER___1 23586	40.43 1.33 0.00	38.17 1.32 0.00	36.61 1.31 0.00	35.22 1.22 0.00	35.10 1.19 0.00	36.19 1.26 0.00	38.52 1.34 0.00	38.55 1.38 0.00	41.35 1.55 0.00	46.65 1.80 0.00	40.51 1.60 0.00	39.65 1.49 0.00	38.76 1.45 0.00	39.62 1.56 0.00	38.63 1.56 0.00	40.77 1.68 0.00	46.38 2.04 0.00	49.95 2.24 0.00	54.34 2.29 0.00	56.57 2.64 0.00	56.28 2.68 0.00	49.09 2.12 0.00	42.96 1.73 0.00	39.32 1.40 0.00
DANSKAMMER___2 23589	40.43 1.33 0.00	38.17 1.32 0.00	36.61 1.31 0.00	35.22 1.22 0.00	35.10 1.19 0.00	36.19 1.26 0.00	38.52 1.34 0.00	38.55 1.38 0.00	41.35 1.55 0.00	46.65 1.80 0.00	40.51 1.60 0.00	39.65 1.49 0.00	38.76 1.45 0.00	39.62 1.56 0.00	38.63 1.56 0.00	40.77 1.68 0.00	46.38 2.04 0.00	49.95 2.24 0.00	54.34 2.29 0.00	56.57 2.64 0.00	56.28 2.68 0.00	49.09 2.12 0.00	42.96 1.73 0.00	39.32 1.40 0.00
DANSKAMMER___3 23590	40.43 1.33 0.00	38.17 1.32 0.00	36.61 1.31 0.00	35.22 1.22 0.00	35.10 1.19 0.00	36.19 1.26 0.00	38.52 1.34 0.00	38.55 1.38 0.00	41.35 1.55 0.00	46.65 1.80 0.00	40.51 1.60 0.00	39.65 1.49 0.00	38.76 1.45 0.00	39.62 1.56 0.00	38.63 1.56 0.00	40.77 1.68 0.00	46.38 2.04 0.00	49.95 2.24 0.00	54.34 2.29 0.00	56.57 2.64 0.00	56.28 2.68 0.00	49.09 2.12 0.00	42.96 1.73 0.00	39.32 1.40 0.00

DANSKAMMER___4 23591	40.43 1.33 0.00	38.17 1.32 0.00	36.61 1.31 0.00	35.22 1.22 0.00	35.10 1.19 0.00	36.19 1.26 0.00	38.52 1.34 0.00	38.55 1.38 0.00	41.35 1.55 0.00	46.65 1.80 0.00	40.51 1.60 0.00	39.65 1.49 0.00	38.76 1.45 0.00	39.62 1.56 0.00	38.63 1.56 0.00	40.77 1.68 0.00	46.38 2.04 0.00	49.95 2.24 0.00	54.34 2.29 0.00	56.57 2.64 0.00	56.28 2.68 0.00	49.09 2.12 0.00	42.96 1.73 0.00	39.32 1.40 0.00
DANSKAMMER___DIESEL 23592	40.43 1.33 0.00	38.17 1.33 0.00	36.61 1.31 0.00	35.18 1.19 0.00	35.10 1.19 0.00	36.19 1.26 0.00	38.63 1.45 0.00	38.55 1.38 0.00	41.35 1.55 0.00	46.65 1.79 0.00	40.51 1.60 0.00	39.66 1.49 0.00	38.76 1.45 0.00	39.62 1.56 0.00	38.63 1.56 0.00	40.77 1.68 0.00	46.38 2.04 0.00	49.95 2.24 0.00	54.35 2.29 0.00	56.57 2.64 0.00	56.22 2.63 0.00	49.09 2.11 0.00	42.96 1.73 0.00	39.32 1.40 0.00
DARBY___SOLAR 323810	40.47 1.37 0.00	38.13 1.29 0.00	36.68 1.38 0.00	35.36 1.36 0.00	35.31 1.39 0.00	36.40 1.47 0.00	38.85 1.67 0.00	38.66 1.49 0.00	41.35 1.55 0.00	46.52 1.66 0.00	40.39 1.48 0.00	39.58 1.41 0.00	38.58 1.27 0.00	39.28 1.22 0.00	38.18 1.11 0.00	40.23 1.13 0.00	45.76 1.42 0.00	49.52 1.81 0.00	54.24 2.19 0.00	56.25 2.32 0.00	55.74 2.15 0.00	48.81 1.83 0.00	42.76 1.53 0.00	39.16 1.25 0.00
DASHVILLE___HYD 23610	40.16 1.06 0.00	37.91 1.07 0.00	36.36 1.06 0.00	34.98 0.99 0.00	34.90 0.98 0.00	35.91 0.98 0.00	38.33 1.15 0.00	38.14 0.97 0.00	40.91 1.11 0.00	46.11 1.26 0.00	40.04 1.13 0.00	39.20 1.03 0.00	38.31 1.01 0.00	39.13 1.07 0.00	38.15 1.08 0.00	40.26 1.17 0.00	45.80 1.46 0.00	49.38 1.67 0.00	53.83 1.77 0.00	55.93 2.00 0.00	55.64 2.04 0.00	48.62 1.64 0.00	42.59 1.36 0.00	38.97 1.06 0.00
DELAWARE___LFGE 323621	39.69 0.59 0.00	37.47 0.63 0.00	35.94 0.64 0.00	34.61 0.61 0.00	34.53 0.61 0.00	35.56 0.63 0.00	37.92 0.74 0.00	37.92 0.74 0.00	40.63 0.84 0.00	45.80 0.94 0.00	39.77 0.86 0.00	38.93 0.76 0.00	38.09 0.78 0.00	38.79 0.72 0.00	37.85 0.78 0.00	39.91 0.82 0.00	45.27 0.93 0.00	48.71 1.00 0.00	53.15 1.09 0.00	55.12 1.19 0.00	54.81 1.07 -0.14	47.90 0.85 -0.08	42.01 0.78 0.00	38.56 0.64 0.00
DERFIELD_115KV_TB7 355931	39.10 0.00 0.00	36.84 0.00 0.00	35.34 0.04 0.00	34.03 0.03 0.00	33.95 0.03 0.00	34.97 0.03 0.00	37.22 0.04 0.00	37.21 0.04 0.00	39.84 0.04 0.00	44.90 0.04 0.00	38.96 0.04 0.00	38.21 0.04 0.00	37.34 0.04 0.00	38.10 0.04 0.00	37.11 0.04 0.00	39.13 0.04 0.00	44.39 0.04 0.00	47.80 0.10 0.00	52.16 0.10 0.00	54.09 0.16 0.00	53.71 0.11 0.00	47.03 0.05 0.00	41.27 0.04 0.00	37.91 0.00 0.00
DOGLEVILLE___HYD 23807	39.37 0.27 0.00	36.95 0.11 0.00	35.30 0.00 0.00	33.99 0.00 0.00	33.92 0.00 0.00	34.97 0.03 0.00	37.29 0.11 0.00	37.36 0.19 0.00	40.12 0.32 0.00	45.26 0.40 0.00	39.31 0.39 0.00	38.55 0.38 0.00	37.68 0.37 0.00	38.44 0.38 0.00	37.48 0.41 0.00	39.48 0.39 0.00	44.78 0.44 0.00	48.23 0.52 0.00	52.68 0.62 0.00	54.63 0.70 0.00	54.24 0.64 0.00	47.49 0.52 0.00	41.60 0.37 0.00	38.22 0.30 0.00
DUNKIRK___115KV_TB_200 55889	34.76 -4.34 0.00	32.83 -4.02 0.00	31.35 -3.95 0.00	30.12 -3.88 0.00	30.18 -3.73 0.00	31.79 -3.14 0.00	33.39 -3.79 0.00	33.46 -3.72 0.00	35.50 -4.30 0.00	40.33 -4.53 0.00	34.58 -4.24 0.09	33.47 -4.39 0.31	33.30 -3.92 0.09	32.80 -4.45 0.81	31.60 -4.34 1.14	34.12 -4.53 0.43	32.29 -5.37 6.68	32.55 -5.92 9.24	41.65 -6.45 3.95	46.08 -6.63 1.21	43.89 -6.54 3.17	39.13 -5.97 1.88	36.73 -4.49 0.01	34.73 -3.18 0.00
DUNKIRK___1 23563	34.76 -4.34 0.00	32.83 -4.02 0.00	31.35 -3.95 0.00	30.12 -3.88 0.00	30.18 -3.73 0.00	31.79 -3.14 0.00	33.39 -3.79 0.00	33.46 -3.72 0.00	35.50 -4.30 0.00	40.33 -4.53 0.00	34.58 -4.24 0.09	33.47 -4.39 0.31	33.30 -3.92 0.09	32.80 -4.45 0.81	31.60 -4.34 1.14	34.12 -4.53 0.43	32.29 -5.37 6.68	32.55 -5.92 9.24	41.65 -6.45 3.95	46.08 -6.63 1.21	43.89 -6.54 3.17	39.13 -5.97 1.88	36.73 -4.49 0.01	34.73 -3.18 0.00
DUNKIRK___2 23564	34.76 -4.34 0.00	32.83 -4.02 0.00	31.35 -3.95 0.00	30.12 -3.88 0.00	30.18 -3.73 0.00	31.79 -3.14 0.00	33.39 -3.79 0.00	33.46 -3.72 0.00	35.50 -4.30 0.00	40.33 -4.53 0.00	34.58 -4.24 0.09	33.47 -4.39 0.31	33.30 -3.92 0.09	32.80 -4.45 0.81	31.60 -4.34 1.14	34.12 -4.53 0.43	32.29 -5.37 6.68	32.55 -5.92 9.24	41.65 -6.45 3.95	46.08 -6.63 1.21	43.89 -6.54 3.17	39.13 -5.97 1.88	36.73 -4.49 0.01	34.73 -3.18 0.00
DUNKIRK___3 23565	34.88 -4.22 0.00	32.98 -3.87 0.00	31.49 -3.81 0.00	30.29 -3.71 0.00	30.35 -3.56 0.00	31.93 -3.00 0.00	33.46 -3.72 0.00	33.53 -3.64 0.00	35.58 -4.22 0.00	40.33 -4.53 0.00	34.58 -4.24 0.09	33.47 -4.39 0.31	33.30 -3.92 0.09	32.79 -4.45 0.82	31.59 -4.34 1.14	34.08 -4.57 0.44	32.18 -5.45 6.71	32.47 -5.96 9.28	41.59 -6.51 3.96	46.03 -6.69 1.22	43.83 -6.59 3.18	39.12 -5.97 1.89	36.73 -4.49 0.01	34.69 -3.22 0.00
DUNKIRK___4 23566	34.88 -4.22 0.00	32.98 -3.87 0.00	31.49 -3.81 0.00	30.29 -3.71 0.00	30.35 -3.56 0.00	31.93 -3.00 0.00	33.46 -3.72 0.00	33.53 -3.64 0.00	35.58 -4.22 0.00	40.33 -4.53 0.00	34.58 -4.24 0.09	33.47 -4.39 0.31	33.30 -3.92 0.09	32.79 -4.45 0.82	31.59 -4.34 1.14	34.08 -4.57 0.44	32.18 -5.45 6.71	32.47 -5.96 9.28	41.59 -6.51 3.96	46.03 -6.69 1.22	43.83 -6.59 3.18	39.12 -5.97 1.89	36.73 -4.49 0.01	34.69 -3.22 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.35 1.25 0.00	38.13 1.29 0.00	36.54 1.24 0.00	35.15 1.16 0.00	35.03 1.12 0.00	36.12 1.19 0.00	38.59 1.41 0.00	38.66 1.49 0.00	41.51 1.71 0.00	46.88 2.02 0.00	40.82 1.91 0.00	40.00 1.83 0.00	39.14 1.83 0.00	40.00 1.94 0.00	39.00 1.93 0.00	41.12 2.03 0.00	46.60 2.26 0.00	50.09 2.39 0.00	54.45 2.39 0.00	56.68 2.75 0.00	56.39 2.79 0.00	49.19 2.21 0.00	43.13 1.90 0.00	39.43 1.52 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.16 1.06 0.00	37.91 1.07 0.00	36.33 1.02 0.00	34.95 0.95 0.00	34.86 0.95 0.00	35.91 0.98 0.00	38.37 1.19 0.00	38.29 1.12 0.00	41.07 1.27 0.00	46.34 1.48 0.00	40.28 1.36 0.00	39.39 1.22 0.00	38.58 1.27 0.00	39.39 1.33 0.00	38.41 1.33 0.00	40.54 1.45 0.00	46.07 1.73 0.00	49.57 1.86 0.00	54.03 1.98 0.00	56.20 2.27 0.00	55.90 2.30 0.00	48.76 1.79 0.00	42.71 1.48 0.00	39.09 1.18 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	40.43 1.33 0.00	38.13 1.29 0.00	36.47 1.17 0.00	35.05 1.05 0.00	34.93 1.02 0.00	35.95 1.01 0.00	38.44 1.26 0.00	38.55 1.38 0.00	41.47 1.67 0.00	46.88 2.02 0.00	40.86 1.95 0.00	40.04 1.87 0.00	39.17 1.87 0.00	40.08 2.02 0.00	39.07 2.00 0.00	41.20 2.11 0.00	46.69 2.35 0.00	50.09 2.39 0.00	54.24 2.19 0.00	56.47 2.53 0.00	56.28 2.68 0.00	49.23 2.25 0.00	43.13 1.90 0.00	39.35 1.44 0.00

E179THST_13_KV_LOAD 356214	40.55 1.45 0.00	38.24 1.40 0.00	36.58 1.27 0.00	35.15 1.16 0.00	35.07 1.15 0.00	36.09 1.15 0.00	38.56 1.38 0.00	38.70 1.52 0.00	41.63 1.83 0.00	47.06 2.20 0.00	41.02 2.10 0.00	40.19 2.02 0.00	39.32 2.01 0.00	40.27 2.21 0.00	39.26 2.19 0.00	41.36 2.27 0.00	46.87 2.53 0.00	50.28 2.58 0.00	54.50 2.45 0.00	56.68 2.75 0.00	56.49 2.89 0.00	49.37 2.40 0.00	43.29 2.06 0.00	39.50 1.59 0.00
EAST HAMPTON___GT 23717	41.72 2.62 0.00	39.46 2.62 0.00	37.95 2.65 0.00	36.37 2.38 0.00	36.19 2.27 0.00	37.24 2.31 0.00	38.70 1.52 0.00	39.07 1.89 0.00	41.91 2.11 0.00	47.37 2.51 0.00	42.39 3.46 -0.01	41.42 3.24 -0.01	40.45 3.13 -0.01	41.34 3.27 -0.01	40.23 3.15 -0.01	42.46 3.36 -0.01	48.29 3.94 -0.01	50.76 3.06 0.00	55.49 3.43 0.00	57.60 3.67 0.00	58.04 4.45 0.00	50.69 3.71 0.00	44.86 3.63 0.00	40.83 2.92 0.00
EAST RIVER___6 23660	40.31 1.21 0.00	38.06 1.21 0.00	36.47 1.16 0.00	35.08 1.09 0.00	34.97 1.05 0.00	36.02 1.08 0.00	38.33 1.15 0.00	38.58 1.41 0.00	41.51 1.71 0.00	46.92 2.06 0.00	40.86 1.94 0.00	40.07 1.91 0.00	39.21 1.90 0.00	40.12 2.05 0.00	39.11 2.04 0.00	41.24 2.15 0.00	46.73 2.39 0.00	50.33 2.62 0.00	54.61 2.55 0.00	56.79 2.86 0.00	56.60 3.00 0.00	49.37 2.39 0.00	43.25 2.02 0.00	39.47 1.56 0.00
EAST RIVER___7 23524	40.31 1.21 0.00	38.06 1.21 0.00	36.47 1.16 0.00	35.08 1.09 0.00	34.97 1.05 0.00	36.02 1.08 0.00	38.33 1.15 0.00	38.58 1.41 0.00	41.51 1.71 0.00	46.92 2.06 0.00	40.86 1.94 0.00	40.07 1.91 0.00	39.21 1.90 0.00	40.12 2.05 0.00	39.11 2.04 0.00	41.24 2.15 0.00	46.73 2.39 0.00	50.33 2.62 0.00	54.61 2.55 0.00	56.79 2.86 0.00	56.60 3.00 0.00	49.37 2.39 0.00	43.25 2.02 0.00	39.47 1.56 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.27 1.17 0.00	38.06 1.22 0.00	36.47 1.17 0.00	35.08 1.09 0.00	35.00 1.09 0.00	36.05 1.12 0.00	38.52 1.34 0.00	38.59 1.41 0.00	41.43 1.63 0.00	46.74 1.88 0.00	40.71 1.79 0.00	39.88 1.72 0.00	39.02 1.72 0.00	39.85 1.79 0.00	38.85 1.78 0.00	40.97 1.88 0.00	46.47 2.13 0.00	49.95 2.24 0.00	54.29 2.24 0.00	56.52 2.59 0.00	56.22 2.63 0.00	49.09 2.11 0.00	43.04 1.81 0.00	39.32 1.40 0.00
EAST_HAMPTON___DIESEL 23722	41.72 2.62 0.00	39.46 2.62 0.00	37.92 2.61 0.00	36.34 2.34 0.00	36.15 2.24 0.00	37.24 2.31 0.00	38.67 1.49 0.00	38.99 1.82 0.00	41.83 2.03 0.00	47.28 2.42 0.00	42.31 3.38 -0.01	41.34 3.17 -0.01	40.38 3.06 -0.01	41.27 3.20 -0.01	40.16 3.08 -0.01	42.38 3.28 -0.01	48.21 3.86 -0.01	50.67 2.96 0.00	55.39 3.33 0.00	57.49 3.56 0.00	57.99 4.40 0.00	50.60 3.62 0.00	44.82 3.59 0.00	40.76 2.84 0.00
EAST_POINT___SOLAR 323840	40.90 1.80 0.00	38.50 1.66 0.00	37.00 1.69 0.00	35.59 1.60 0.00	35.54 1.63 0.00	36.72 1.78 0.00	39.22 2.04 0.00	39.07 1.89 0.00	41.59 1.79 0.00	46.43 1.57 0.00	39.93 1.01 0.00	39.08 0.91 0.00	38.35 1.04 0.00	39.28 1.22 0.00	38.26 1.19 0.00	40.38 1.29 0.00	46.20 1.86 0.00	50.28 2.57 0.00	55.13 3.07 0.00	57.39 3.45 0.00	56.87 3.27 0.00	49.70 2.72 0.00	43.50 2.27 0.00	39.69 1.78 0.00
EAST_PULASKI___ESR 323781	38.71 -0.39 0.00	36.44 -0.40 0.00	34.78 -0.53 0.00	33.45 -0.55 0.00	33.27 -0.65 0.00	34.27 -0.66 0.00	36.55 -0.63 0.00	36.50 -0.67 0.00	39.08 -0.72 0.00	44.05 -0.81 0.00	38.14 -0.78 0.00	37.29 -0.88 0.00	36.41 -0.90 0.00	37.11 -0.95 0.00	36.22 -0.85 0.00	38.27 -0.82 0.00	43.59 -0.75 0.00	47.09 -0.62 0.00	51.59 -0.47 0.00	53.66 -0.27 0.00	53.23 -0.37 0.00	46.55 -0.42 0.00	40.78 -0.45 0.00	37.38 -0.53 0.00
EAST_RIVER___1 323558	40.39 1.29 0.00	38.17 1.32 0.00	36.57 1.27 0.00	35.15 1.16 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.40 1.23 0.00	38.66 1.49 0.00	41.59 1.79 0.00	46.97 2.11 0.00	40.90 1.98 0.00	40.11 1.95 0.00	39.21 1.90 0.00	40.12 2.05 0.00	39.11 2.04 0.00	41.24 2.15 0.00	46.73 2.39 0.00	50.23 2.53 0.00	54.50 2.45 0.00	56.73 2.80 0.00	56.54 2.95 0.00	49.33 2.35 0.00	43.25 2.02 0.00	39.47 1.56 0.00
EAST_RIVER___2 323559	40.31 1.21 0.00	38.06 1.21 0.00	36.47 1.16 0.00	35.08 1.09 0.00	34.97 1.05 0.00	36.02 1.08 0.00	38.33 1.15 0.00	38.58 1.41 0.00	41.51 1.71 0.00	46.92 2.06 0.00	40.86 1.94 0.00	40.07 1.91 0.00	39.21 1.90 0.00	40.12 2.05 0.00	39.11 2.04 0.00	41.24 2.15 0.00	46.73 2.39 0.00	50.33 2.62 0.00	54.61 2.55 0.00	56.79 2.86 0.00	56.60 3.00 0.00	49.37 2.39 0.00	43.25 2.02 0.00	39.47 1.56 0.00
EAST___DELAWARE_HYD 23607	40.11 1.01 0.00	37.87 1.03 0.00	36.29 0.99 0.00	34.91 0.92 0.00	34.80 0.88 0.00	35.84 0.91 0.00	38.18 1.00 0.00	38.10 0.93 0.00	40.95 1.15 0.00	46.16 1.30 0.00	40.00 1.09 0.00	39.12 0.95 0.00	38.28 0.97 0.00	39.09 1.03 0.00	38.15 1.08 0.00	40.26 1.17 0.00	45.85 1.51 0.00	49.42 1.71 0.00	53.88 1.82 0.00	56.09 2.16 0.00	55.80 2.20 0.00	48.62 1.64 0.00	42.55 1.32 0.00	38.94 1.02 0.00
EIGHT_POINT___WT_PWR 323820	36.87 -2.23 0.00	34.75 -2.10 0.00	33.08 -2.22 0.00	31.82 -2.18 0.00	31.71 -2.20 0.00	33.19 -1.75 0.00	35.24 -1.93 0.00	35.09 -2.08 0.00	37.21 -2.59 0.00	42.08 -2.78 0.00	36.22 -2.65 0.04	35.16 -2.86 0.15	34.80 -2.46 0.04	34.78 -2.89 0.39	33.68 -2.85 0.54	35.95 -2.93 0.21	36.33 -3.46 4.55	37.91 -3.48 6.32	45.89 -3.49 2.68	49.80 -3.34 0.79	48.47 -3.21 1.92	42.94 -2.91 1.13	39.17 -2.06 0.00	36.62 -1.29 0.00
ELBRIDGE_115KV_TB2 80188	38.71 -0.39 0.00	36.48 -0.37 0.00	34.92 -0.39 0.00	33.65 -0.34 0.00	33.58 -0.34 0.00	34.66 -0.28 0.00	36.81 -0.37 0.00	36.88 -0.30 0.00	39.44 -0.36 0.00	44.50 -0.36 0.00	38.53 -0.39 0.00	37.75 -0.42 0.00	36.93 -0.37 0.00	37.64 -0.42 0.00	36.66 -0.41 0.00	38.70 -0.39 0.00	43.90 -0.44 0.00	47.23 -0.48 0.00	51.54 -0.52 0.00	53.45 -0.49 0.00	53.04 -0.48 0.07	46.42 -0.52 0.04	40.78 -0.45 0.00	37.57 -0.34 0.00
ELEC_TRO_TEK 24086	40.62 1.52 0.00	38.35 1.51 0.00	36.75 1.45 0.00	35.32 1.33 0.00	35.24 1.32 0.00	36.33 1.40 0.00	38.52 1.34 0.00	38.73 1.56 0.00	41.71 1.91 0.00	47.10 2.24 0.00	41.31 2.37 -0.02	40.47 2.29 -0.02	39.56 2.24 -0.02	40.44 2.36 -0.02	39.39 2.30 -0.02	41.53 2.42 -0.02	47.11 2.75 -0.02	50.09 2.39 0.00	54.40 2.34 0.00	56.57 2.64 0.00	56.39 2.79 0.00	49.33 2.35 0.00	43.66 2.43 0.00	39.92 2.01 0.00
ELLENBURG_WT_PWR 323604	39.57 0.47 0.00	37.07 0.22 0.00	35.27 -0.04 0.00	33.83 -0.17 0.00	33.71 -0.20 0.00	34.55 -0.38 0.00	36.81 -0.37 0.00	36.87 -0.30 0.00	39.56 -0.24 0.00	44.86 0.00 0.00	38.88 -0.04 0.00	38.28 0.11 0.00	37.34 0.04 0.00	38.21 0.15 0.00	37.18 0.11 0.00	39.29 0.20 0.00	44.43 0.09 0.00	47.61 -0.10 0.00	51.85 -0.21 0.00	53.61 -0.32 0.00	53.33 -0.27 0.00	47.12 0.14 0.00	41.56 0.33 0.00	38.14 0.23 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	34.72 -4.38 0.00	32.86 -3.98 0.00	31.42 -3.88 0.00	30.22 -3.77 0.00	30.29 -3.63 0.00	31.90 -3.04 0.00	33.24 -3.94 0.00	33.23 -3.94 0.00	35.26 -4.54 0.00	39.92 -4.93 0.00	34.15 -4.67 0.10	33.15 -4.69 0.32	32.92 -4.29 0.10	32.53 -4.68 0.85	31.32 -4.56 1.19	33.83 -4.81 0.46	31.70 -5.68 6.97	31.73 -6.35 9.64	41.01 -6.92 4.12	45.54 -7.12 1.27	43.32 -6.97 3.31	38.76 -6.25 1.97	36.19 -5.03 0.01	34.31 -3.60 0.00
EMPIRE_CC_1 323656	39.72 0.62 0.00	37.51 0.66 0.00	36.12 0.81 0.00	34.84 0.85 0.00	34.76 0.85 0.00	35.81 0.87 0.00	38.14 0.97 0.00	37.95 0.78 0.00	40.47 0.68 0.00	45.44 0.58 0.00	39.50 0.58 0.00	38.93 0.76 0.00	37.98 0.67 0.00	38.67 0.61 0.00	37.59 0.52 0.00	39.37 0.28 0.00	44.69 0.35 0.00	48.28 0.57 0.00	52.89 0.83 0.00	54.74 0.81 0.00	54.35 0.75 0.00	47.64 0.66 0.00	41.73 0.50 0.00	38.37 0.46 0.00
EMPIRE_CC_2 323658	39.72 0.62 0.00	37.51 0.66 0.00	36.12 0.81 0.00	34.84 0.85 0.00	34.76 0.85 0.00	35.81 0.87 0.00	38.14 0.97 0.00	37.95 0.78 0.00	40.47 0.68 0.00	45.44 0.58 0.00	39.50 0.58 0.00	38.93 0.76 0.00	37.98 0.67 0.00	38.67 0.61 0.00	37.59 0.52 0.00	39.37 0.28 0.00	44.69 0.35 0.00	48.28 0.57 0.00	52.89 0.83 0.00	54.74 0.81 0.00	54.35 0.75 0.00	47.64 0.66 0.00	41.73 0.50 0.00	38.37 0.46 0.00
ENORWICH_115KV_TB1 80156	40.78 1.68 0.00	38.28 1.44 0.00	36.47 1.17 0.00	35.15 1.16 0.00	34.97 1.05 0.00	36.12 1.19 0.00	38.56 1.38 0.00	38.59 1.41 0.00	41.43 1.63 0.00	46.70 1.84 0.00	40.43 1.52 0.00	39.39 1.22 0.00	38.50 1.19 0.00	39.05 0.99 0.00	38.26 1.19 0.00	40.50 1.41 0.00	47.13 1.77 -1.02	51.42 2.29 -1.42	55.46 2.81 -0.59	57.21 3.13 -0.16	56.57 2.89 -0.07	49.23 2.21 -0.04	43.17 1.94 0.00	39.62 1.71 0.00
ERIE_ST__34_KV_TB1-2 80199	35.42 -3.68 0.00	33.53 -3.32 0.00	32.06 -3.25 0.00	30.80 -3.20 0.00	30.86 -3.05 0.00	32.49 -2.45 0.00	33.98 -3.20 0.00	33.98 -3.20 0.00	36.06 -3.74 0.00	40.82 -4.04 0.00	34.97 -3.85 0.10	33.57 -4.27 0.32	33.66 -3.54 0.10	32.60 -4.61 0.86	31.34 -4.52 1.21	33.83 -4.81 0.46	31.61 -5.90 6.83	31.86 -6.39 9.45	40.88 -7.13 4.04	45.40 -7.28 1.25	43.12 -7.24 3.25	38.66 -6.39 1.93	37.10 -4.12 0.01	35.11 -2.81 0.00
ERIE_WT_PWR 323693	34.95 -4.15 0.00	33.09 -3.76 0.00	31.63 -3.67 0.00	30.43 -3.57 0.00	30.46 -3.46 0.00	32.07 -2.86 0.00	33.98 -3.20 0.00	33.46 -3.72 0.00	35.50 -4.30 0.00	40.24 -4.62 0.00	34.54 -4.28 0.10	33.34 -4.50 0.33	33.18 -4.03 0.10	32.59 -4.61 0.86	31.38 -4.49 1.21	33.90 -4.73 0.46	31.70 -5.72 6.92	31.83 -6.30 9.58	41.04 -6.92 4.10	45.61 -7.06 1.26	43.40 -6.91 3.29	38.82 -6.20 1.96	36.56 -4.66 0.01	34.58 -3.34 0.00
ESPRGFLD_115KV_TB1 80157	40.04 0.94 0.00	37.73 0.88 0.00	36.19 0.88 0.00	34.84 0.85 0.00	34.76 0.85 0.00	35.88 0.94 0.00	38.29 1.12 0.00	38.25 1.08 0.00	40.95 1.15 0.00	46.07 1.21 0.00	39.89 0.97 0.00	38.97 0.80 0.00	38.13 0.82 0.00	38.86 0.80 0.00	37.93 0.85 0.00	40.03 0.94 0.00	45.58 1.24 0.00	49.23 1.53 0.00	53.88 1.82 0.00	55.98 2.05 0.00	55.55 1.88 -0.07	48.52 1.50 -0.04	42.51 1.28 0.00	38.90 0.99 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	39.45 0.35 0.00	37.18 0.33 0.00	35.52 0.21 0.00	34.23 0.24 0.00	34.15 0.24 0.00	35.28 0.35 0.00	37.51 0.33 0.00	37.58 0.41 0.00	40.16 0.36 0.00	45.22 0.36 0.00	39.07 0.16 0.00	38.13 -0.04 0.00	37.31 0.00 0.00	37.95 -0.11 0.00	36.96 -0.11 0.00	39.09 0.00 0.00	47.09 0.13 -2.62	51.66 0.29 -3.66	54.04 0.47 -1.51	54.98 0.65 -0.40	54.07 0.64 0.17	47.26 0.38 0.10	41.60 0.37 0.00	38.37 0.45 0.00
ETNA_____115KV_TB2 80207	39.45 0.35 0.00	37.18 0.33 0.00	35.52 0.21 0.00	34.23 0.24 0.00	34.15 0.24 0.00	35.28 0.35 0.00	37.51 0.33 0.00	37.58 0.41 0.00	40.16 0.36 0.00	45.22 0.36 0.00	39.07 0.16 0.00	38.13 -0.04 0.00	37.31 0.00 0.00	37.95 -0.11 0.00	36.96 -0.11 0.00	39.09 0.00 0.00	47.09 0.13 -2.62	51.66 0.29 -3.66	54.04 0.47 -1.51	54.98 0.65 -0.40	54.07 0.64 0.17	47.26 0.38 0.10	41.60 0.37 0.00	38.37 0.45 0.00
EUCLID___115KV_TB2 356179	38.44 -0.66 0.00	36.25 -0.59 0.00	34.70 -0.60 0.00	33.45 -0.54 0.00	33.37 -0.54 0.00	34.45 -0.49 0.00	36.58 -0.59 0.00	36.62 -0.56 0.00	39.20 -0.60 0.00	44.18 -0.67 0.00	38.29 -0.62 0.00	37.56 -0.61 0.00	36.71 -0.60 0.00	37.45 -0.61 0.00	36.52 -0.56 0.00	38.50 -0.59 0.00	43.68 -0.67 0.00	46.99 -0.72 0.00	51.22 -0.83 0.00	53.12 -0.81 0.00	52.79 -0.80 0.00	46.18 -0.80 0.00	40.49 -0.74 0.00	37.34 -0.57 0.00
E_CANADA_CAP_HY 24051	40.31 1.21 0.00	37.95 1.10 0.00	36.43 1.13 0.00	35.08 1.09 0.00	35.00 1.08 0.00	36.16 1.22 0.00	38.59 1.41 0.00	38.47 1.30 0.00	41.03 1.24 0.00	46.02 1.16 0.00	39.77 0.86 0.00	38.89 0.72 0.00	38.05 0.75 0.00	38.82 0.76 0.00	37.81 0.74 0.00	39.91 0.82 0.00	45.58 1.24 0.00	49.47 1.77 0.00	54.24 2.19 0.00	56.41 2.48 0.00	55.90 2.30 0.00	48.90 1.93 0.00	42.80 1.57 0.00	39.09 1.18 0.00
E_CANADA_MHWK_HY 24050	39.38 0.28 0.00	36.95 0.11 0.00	35.30 0.00 0.00	33.99 0.00 0.00	33.92 0.00 0.00	34.97 0.03 0.00	37.29 0.11 0.00	37.36 0.19 0.00	40.11 0.32 0.00	45.26 0.40 0.00	39.31 0.39 0.00	38.55 0.38 0.00	37.68 0.37 0.00	38.44 0.38 0.00	37.48 0.41 0.00	39.48 0.39 0.00	44.78 0.44 0.00	48.23 0.53 0.00	52.68 0.63 0.00	54.63 0.70 0.00	54.24 0.65 0.00	47.50 0.52 0.00	41.60 0.37 0.00	38.21 0.30 0.00
E_FISHKILL___LBMP 23776	40.12 1.02 0.00	37.88 1.03 0.00	36.33 1.02 0.00	34.95 0.95 0.00	34.86 0.95 0.00	35.91 0.98 0.00	38.37 1.19 0.00	38.40 1.23 0.00	41.19 1.39 0.00	46.43 1.57 0.00	40.40 1.48 0.00	39.62 1.45 0.00	38.73 1.42 0.00	39.55 1.48 0.00	38.52 1.45 0.00	40.62 1.52 0.00	46.07 1.73 0.00	49.57 1.86 0.00	53.98 1.93 0.00	56.09 2.16 0.00	55.80 2.20 0.00	48.72 1.74 0.00	42.71 1.48 0.00	39.05 1.14 0.00
FALCON___SEABRD_CC1 323796	40.08 0.98 0.00	37.51 0.66 0.00	35.69 0.39 0.00	34.23 0.24 0.00	34.12 0.20 0.00	34.97 0.03 0.00	37.25 0.07 0.00	37.32 0.15 0.00	40.08 0.28 0.00	45.44 0.58 0.00	39.38 0.47 0.00	38.74 0.57 0.00	37.83 0.52 0.00	38.67 0.61 0.00	37.63 0.56 0.00	39.76 0.66 0.00	44.96 0.62 0.00	48.14 0.43 0.00	52.42 0.37 0.00	54.20 0.27 0.00	53.92 0.32 0.00	47.73 0.75 0.00	42.10 0.87 0.00	38.63 0.72 0.00
FALCON___SEABRD_CC2 323797	40.08 0.98 0.00	37.51 0.66 0.00	35.69 0.39 0.00	34.23 0.24 0.00	34.12 0.20 0.00	34.97 0.03 0.00	37.25 0.07 0.00	37.32 0.15 0.00	40.08 0.28 0.00	45.44 0.58 0.00	39.38 0.47 0.00	38.74 0.57 0.00	37.83 0.52 0.00	38.67 0.61 0.00	37.63 0.56 0.00	39.76 0.66 0.00	44.96 0.62 0.00	48.14 0.43 0.00	52.42 0.37 0.00	54.20 0.27 0.00	53.92 0.32 0.00	47.73 0.75 0.00	42.10 0.87 0.00	38.63 0.72 0.00

FAR ROCKAWAY___4 23548	41.05 1.95 0.00	38.76 1.92 0.00	37.14 1.84 0.00	35.69 1.70 0.00	35.58 1.66 0.00	36.72 1.78 0.00	38.89 1.71 0.00	39.14 1.97 0.00	42.15 2.35 0.00	47.64 2.78 0.00	41.77 2.84 -0.02	40.93 2.75 -0.02	40.05 2.72 -0.02	40.89 2.82 -0.02	39.87 2.78 -0.02	42.04 2.93 -0.02	47.64 3.28 -0.02	50.67 2.96 0.00	55.02 2.97 0.00	57.28 3.34 0.00	57.08 3.48 0.00	49.89 2.91 0.00	44.12 2.89 0.00	40.34 2.43 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.43 1.33 0.00	38.17 1.33 0.00	36.58 1.27 0.00	35.15 1.16 0.00	35.07 1.15 0.00	36.12 1.19 0.00	38.59 1.41 0.00	38.70 1.52 0.00	41.59 1.79 0.00	47.01 2.15 0.00	40.94 2.02 0.00	40.11 1.95 0.00	39.25 1.94 0.00	40.16 2.09 0.00	39.15 2.08 0.00	41.28 2.19 0.00	46.78 2.44 0.00	50.28 2.58 0.00	54.55 2.50 0.00	56.79 2.86 0.00	56.55 2.95 0.00	49.33 2.35 0.00	43.25 2.02 0.00	39.50 1.59 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.43 1.33 0.00	38.21 1.36 0.00	36.58 1.27 0.00	35.15 1.16 0.00	35.07 1.15 0.00	36.12 1.19 0.00	38.59 1.41 0.00	38.70 1.52 0.00	41.59 1.79 0.00	47.01 2.15 0.00	40.94 2.02 0.00	40.11 1.95 0.00	39.25 1.94 0.00	40.16 2.09 0.00	39.15 2.08 0.00	41.28 2.19 0.00	46.78 2.44 0.00	50.28 2.58 0.00	54.55 2.50 0.00	56.79 2.86 0.00	56.55 2.95 0.00	49.37 2.40 0.00	43.25 2.02 0.00	39.50 1.59 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.43 1.33 0.00	38.17 1.33 0.00	36.58 1.27 0.00	35.15 1.16 0.00	35.07 1.15 0.00	36.12 1.19 0.00	38.59 1.41 0.00	38.70 1.52 0.00	41.59 1.79 0.00	46.97 2.11 0.00	40.94 2.02 0.00	40.11 1.95 0.00	39.25 1.94 0.00	40.12 2.06 0.00	39.11 2.04 0.00	41.24 2.15 0.00	46.78 2.44 0.00	50.24 2.53 0.00	54.50 2.45 0.00	56.74 2.80 0.00	56.55 2.95 0.00	49.33 2.35 0.00	43.25 2.02 0.00	39.47 1.55 0.00
FARRAGUT___LBMP 323566	40.39 1.29 0.00	38.17 1.33 0.00	36.54 1.24 0.00	35.12 1.12 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.56 1.38 0.00	38.66 1.49 0.00	41.55 1.75 0.00	46.97 2.11 0.00	40.90 1.98 0.00	40.08 1.91 0.00	39.21 1.90 0.00	40.12 2.06 0.00	39.11 2.04 0.00	41.24 2.15 0.00	46.74 2.39 0.00	50.19 2.48 0.00	54.50 2.45 0.00	56.68 2.75 0.00	56.49 2.89 0.00	49.28 2.30 0.00	43.21 1.98 0.00	39.47 1.55 0.00
FENNER___WINDPWR 24204	39.57 0.47 0.00	37.25 0.41 0.00	35.62 0.32 0.00	34.33 0.34 0.00	34.19 0.27 0.00	35.28 0.35 0.00	37.59 0.41 0.00	37.58 0.41 0.00	40.24 0.44 0.00	45.35 0.49 0.00	39.27 0.35 0.00	38.40 0.23 0.00	37.57 0.26 0.00	38.25 0.19 0.00	37.30 0.22 0.00	39.37 0.28 0.00	45.24 0.40 -0.50	48.93 0.53 -0.70	53.02 0.67 -0.29	54.82 0.81 -0.08	54.35 0.75 0.00	47.54 0.57 0.00	41.73 0.50 0.00	38.33 0.42 0.00
FIBERTEK___ENERGY 23856	38.94 -0.16 0.00	36.70 -0.15 0.00	35.09 -0.21 0.00	33.86 -0.14 0.00	33.75 -0.17 0.00	34.83 -0.10 0.00	37.03 -0.15 0.00	37.10 -0.07 0.00	39.68 -0.12 0.00	44.77 -0.09 0.00	38.80 -0.12 0.00	38.01 -0.15 0.00	37.20 -0.11 0.00	37.91 -0.15 0.00	36.92 -0.15 0.00	38.97 -0.12 0.00	44.21 -0.13 0.00	47.56 -0.14 0.00	51.85 -0.21 0.00	53.77 -0.16 0.00	53.44 -0.16 0.00	46.74 -0.23 0.00	41.02 -0.21 0.00	37.80 -0.11 0.00
FITZPATRICK___ 23598	38.05 -1.05 0.00	35.85 -0.99 0.00	34.32 -0.99 0.00	33.08 -0.92 0.00	33.03 -0.88 0.00	34.06 -0.87 0.00	36.21 -0.97 0.00	36.21 -0.97 0.00	38.76 -1.03 0.00	43.69 -1.17 0.00	37.87 -1.05 0.00	37.14 -1.03 0.00	36.30 -1.01 0.00	37.04 -1.03 0.00	36.11 -0.96 0.00	38.07 -1.02 0.00	43.19 -1.15 0.00	46.42 -1.29 0.00	50.65 -1.40 0.00	52.53 -1.40 0.00	52.20 -1.39 0.00	45.66 -1.32 0.00	40.08 -1.15 0.00	36.93 -0.99 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.51 1.41 0.00	38.24 1.40 0.00	36.68 1.38 0.00	35.25 1.26 0.00	35.17 1.25 0.00	36.26 1.33 0.00	38.70 1.52 0.00	38.59 1.41 0.00	41.43 1.63 0.00	46.74 1.88 0.00	40.59 1.67 0.00	39.69 1.53 0.00	38.84 1.53 0.00	39.66 1.60 0.00	38.67 1.59 0.00	40.85 1.76 0.00	46.47 2.13 0.00	50.05 2.34 0.00	54.50 2.45 0.00	56.68 2.75 0.00	56.33 2.73 0.00	49.14 2.16 0.00	43.04 1.81 0.00	39.39 1.48 0.00
FORT ORANGE___ 23900	40.08 0.98 0.00	37.80 0.96 0.00	36.36 1.06 0.00	35.05 1.05 0.00	34.97 1.05 0.00	36.02 1.08 0.00	38.37 1.19 0.00	38.21 1.04 0.00	40.71 0.92 0.00	45.75 0.90 0.00	39.73 0.82 0.00	38.97 0.80 0.00	38.05 0.75 0.00	38.78 0.72 0.00	37.70 0.63 0.00	39.68 0.59 0.00	45.14 0.80 0.00	48.71 1.00 0.00	53.25 1.20 0.00	55.22 1.29 0.00	54.83 1.23 0.00	48.10 1.13 0.00	42.14 0.91 0.00	38.63 0.72 0.00
FORT_DRUM_COGEN 23780	39.76 0.66 0.00	37.29 0.44 0.00	35.45 0.14 0.00	33.99 0.00 0.00	33.61 -0.31 0.00	34.55 -0.38 0.00	36.88 -0.30 0.00	36.76 -0.41 0.00	39.48 -0.32 0.00	44.45 -0.40 0.00	38.49 -0.43 0.00	37.56 -0.61 0.00	36.60 -0.71 0.00	37.34 -0.72 0.00	36.55 -0.52 0.00	38.74 -0.35 0.00	44.30 -0.04 0.00	47.99 0.29 0.00	52.89 0.83 0.00	55.17 1.24 0.00	54.51 0.91 0.00	47.73 0.75 0.00	41.81 0.58 0.00	38.10 0.19 0.00
FOX_HILLS___ESR 323835	40.47 1.37 0.00	38.21 1.36 0.00	36.57 1.27 0.00	35.15 1.16 0.00	35.00 1.08 0.00	36.05 1.12 0.00	38.40 1.23 0.00	38.73 1.56 0.00	41.67 1.87 0.00	46.97 2.11 0.00	40.98 2.06 0.00	40.19 2.02 0.00	39.32 2.01 0.00	40.31 2.25 0.00	39.30 2.22 0.00	41.44 2.35 0.00	46.87 2.53 0.00	50.23 2.53 0.00	53.18 1.98 0.85	54.17 2.32 2.08	54.18 2.47 1.89	49.42 2.44 0.00	43.41 2.18 0.00	39.58 1.67 0.00
FPL_FAR_ROCK_GT1 24212	41.05 1.95 0.00	38.76 1.91 0.00	37.21 1.91 0.00	35.73 1.73 0.00	35.58 1.66 0.00	36.72 1.78 0.00	38.67 1.49 0.00	39.14 1.97 0.00	42.15 2.35 0.00	47.64 2.78 0.00	41.74 2.80 -0.02	40.93 2.75 -0.02	40.04 2.72 -0.02	40.89 2.82 -0.02	39.87 2.78 -0.02	42.04 2.93 -0.02	47.64 3.28 -0.02	50.57 2.86 0.00	55.02 2.97 0.00	57.22 3.29 0.00	57.13 3.54 0.00	49.89 2.91 0.00	44.11 2.89 0.00	40.34 2.43 0.00
FPL_FAR_ROCK_GT2 23815	41.05 1.95 0.00	38.76 1.91 0.00	37.21 1.91 0.00	35.73 1.73 0.00	35.58 1.66 0.00	36.72 1.78 0.00	38.67 1.49 0.00	39.14 1.97 0.00	42.15 2.35 0.00	47.64 2.78 0.00	41.74 2.80 -0.02	40.93 2.75 -0.02	40.04 2.72 -0.02	40.89 2.82 -0.02	39.87 2.78 -0.02	42.04 2.93 -0.02	47.64 3.28 -0.02	50.57 2.86 0.00	55.02 2.97 0.00	57.22 3.29 0.00	57.13 3.54 0.00	49.89 2.91 0.00	44.11 2.89 0.00	40.34 2.43 0.00
FRANKLIN_FALL_HYD 24054	39.88 0.78 0.00	37.25 0.41 0.00	35.41 0.11 0.00	33.99 0.00 0.00	33.95 0.03 0.00	34.73 -0.21 0.00	37.07 -0.11 0.00	37.17 0.00 0.00	39.88 0.08 0.00	45.31 0.45 0.00	39.19 0.27 0.00	38.55 0.38 0.00	37.57 0.26 0.00	38.44 0.38 0.00	37.37 0.30 0.00	39.56 0.47 0.00	44.74 0.40 0.00	47.90 0.19 0.00	52.16 0.10 0.00	53.99 0.05 0.00	53.81 0.21 0.00	47.64 0.66 0.00	42.01 0.78 0.00	38.44 0.53 0.00

FREEPORT_EQUS_GT1 23764	40.86 1.76 0.00	38.58 1.73 0.00	37.03 1.73 0.00	35.56 1.56 0.00	35.41 1.49 0.00	36.54 1.61 0.00	38.44 1.26 0.00	38.92 1.75 0.00	41.91 2.11 0.00	47.37 2.51 0.00	41.54 2.61 -0.01	40.74 2.56 -0.01	39.82 2.50 -0.01	40.70 2.62 -0.01	39.64 2.56 -0.01	41.84 2.74 -0.01	47.41 3.06 -0.01	50.28 2.57 0.00	54.71 2.65 0.00	56.90 2.96 0.00	56.87 3.27 0.00	49.65 2.68 0.00	43.95 2.72 0.00	40.19 2.27 0.00
FREEPORT___CT2 23818	40.86 1.76 0.00	38.58 1.73 0.00	37.03 1.73 0.00	35.56 1.56 0.00	35.41 1.49 0.00	36.54 1.61 0.00	38.44 1.26 0.00	38.92 1.75 0.00	41.91 2.11 0.00	47.37 2.51 0.00	41.54 2.61 -0.01	40.74 2.56 -0.01	39.82 2.50 -0.01	40.70 2.62 -0.01	39.64 2.56 -0.01	41.84 2.74 -0.01	47.41 3.06 -0.01	50.28 2.57 0.00	54.71 2.65 0.00	56.90 2.96 0.00	56.87 3.27 0.00	49.65 2.68 0.00	43.95 2.72 0.00	40.19 2.27 0.00
FRESHKLS_33_KV_LOAD 356253	40.59 1.49 0.00	38.32 1.47 0.00	36.65 1.34 0.00	35.18 1.19 0.00	35.10 1.19 0.00	36.16 1.22 0.00	38.70 1.52 0.00	38.81 1.64 0.00	41.75 1.95 0.00	47.01 2.15 0.00	41.10 2.18 0.00	40.27 2.10 0.00	39.40 2.09 0.00	40.38 2.32 0.00	39.37 2.30 0.00	41.55 2.46 0.00	46.91 2.57 0.00	50.28 2.58 0.00	53.18 1.98 0.85	54.17 2.32 2.08	54.12 2.41 1.89	49.51 2.54 0.00	43.54 2.31 0.00	39.69 1.78 0.00
FULTON COGEN____ 23766	38.32 -0.78 0.00	36.14 -0.70 0.00	34.60 -0.71 0.00	33.35 -0.65 0.00	33.24 -0.68 0.00	34.31 -0.63 0.00	36.44 -0.74 0.00	36.50 -0.67 0.00	39.04 -0.76 0.00	44.05 -0.81 0.00	38.18 -0.74 0.00	37.40 -0.76 0.00	36.60 -0.71 0.00	37.30 -0.76 0.00	36.33 -0.74 0.00	38.35 -0.74 0.00	43.50 -0.84 0.00	46.80 -0.91 0.00	51.07 -0.99 0.00	52.96 -0.97 0.00	52.69 -0.91 0.00	46.04 -0.94 0.00	40.36 -0.87 0.00	37.19 -0.72 0.00
FULTON___LFGE 323630	40.67 1.57 0.00	38.28 1.44 0.00	36.79 1.48 0.00	35.42 1.43 0.00	35.34 1.42 0.00	36.47 1.54 0.00	38.96 1.78 0.00	38.81 1.63 0.00	41.35 1.55 0.00	46.38 1.53 0.00	40.05 1.13 0.00	39.20 1.03 0.00	38.32 1.01 0.00	39.05 0.99 0.00	38.04 0.96 0.00	40.15 1.06 0.00	45.85 1.51 0.00	49.86 2.15 0.00	54.71 2.65 0.00	56.84 2.91 0.00	56.38 2.79 0.00	49.33 2.35 0.00	43.17 1.94 0.00	39.43 1.52 0.00
G.F.CEMENT___DRP 24184	40.70 1.60 0.00	38.35 1.51 0.00	36.89 1.59 0.00	35.56 1.56 0.00	35.48 1.56 0.00	36.65 1.71 0.00	39.15 1.97 0.00	38.88 1.71 0.00	41.59 1.79 0.00	46.92 2.06 0.00	40.71 1.79 0.00	39.85 1.68 0.00	38.84 1.53 0.00	39.55 1.48 0.00	38.41 1.33 0.00	40.50 1.41 0.00	46.11 1.77 0.00	49.95 2.24 0.00	54.61 2.55 0.00	56.74 2.80 0.00	56.17 2.57 0.00	49.19 2.21 0.00	43.04 1.81 0.00	39.43 1.52 0.00
GARDENVILLE___LBMP 24039	34.84 -4.26 0.00	32.98 -3.87 0.00	31.49 -3.81 0.00	30.29 -3.71 0.00	30.35 -3.56 0.00	31.97 -2.97 0.00	33.31 -3.87 0.00	33.34 -3.83 0.00	35.38 -4.42 0.00	40.10 -4.75 0.00	34.31 -4.51 0.10	33.27 -4.58 0.32	33.07 -4.14 0.10	32.61 -4.61 0.84	31.41 -4.49 1.18	33.91 -4.73 0.45	31.84 -5.63 6.87	31.95 -6.25 9.50	41.12 -6.87 4.06	45.67 -7.01 1.25	43.48 -6.86 3.26	38.88 -6.15 1.94	36.40 -4.82 0.01	34.46 -3.45 0.00
GARDNVLA_35_KV_LD 355827	34.99 -4.11 0.00	33.12 -3.72 0.00	31.63 -3.67 0.00	30.43 -3.57 0.00	30.49 -3.43 0.00	32.11 -2.83 0.00	33.54 -3.64 0.00	33.53 -3.64 0.00	35.58 -4.22 0.00	40.33 -4.53 0.00	34.50 -4.32 0.10	33.41 -4.43 0.33	33.25 -3.95 0.10	32.70 -4.49 0.87	31.45 -4.41 1.22	33.98 -4.65 0.46	31.82 -5.59 6.93	31.92 -6.20 9.59	41.13 -6.82 4.10	45.71 -6.96 1.26	43.50 -6.81 3.29	38.91 -6.11 1.96	36.60 -4.62 0.01	34.65 -3.26 0.00
GELCKHM___115KV_LOAD 80723	38.63 -0.47 0.00	36.40 -0.44 0.00	34.85 -0.46 0.00	33.59 -0.41 0.00	33.51 -0.41 0.00	34.59 -0.35 0.00	36.73 -0.45 0.00	36.80 -0.37 0.00	39.36 -0.44 0.00	44.41 -0.45 0.00	38.49 -0.43 0.00	37.71 -0.46 0.00	36.90 -0.41 0.00	37.64 -0.42 0.00	36.66 -0.41 0.00	38.66 -0.43 0.00	43.85 -0.49 0.00	47.18 -0.52 0.00	51.48 -0.57 0.00	53.34 -0.59 0.00	53.06 -0.54 0.00	46.37 -0.61 0.00	40.69 -0.54 0.00	37.50 -0.42 0.00
GENERAL___MILLS 23808	34.96 -4.14 0.00	33.09 -3.76 0.00	31.60 -3.71 0.00	30.39 -3.60 0.00	30.46 -3.46 0.00	32.07 -2.86 0.00	33.46 -3.72 0.00	33.46 -3.72 0.00	35.50 -4.30 0.00	40.24 -4.62 0.00	34.42 -4.40 0.10	33.34 -4.50 0.33	33.18 -4.03 0.10	32.59 -4.61 0.86	31.38 -4.49 1.21	33.86 -4.77 0.46	31.74 -5.68 6.92	31.83 -6.30 9.58	41.04 -6.92 4.10	45.60 -7.07 1.26	43.34 -6.97 3.29	38.82 -6.20 1.96	36.52 -4.70 0.01	34.58 -3.34 0.00
GE_PLASTICS___DRP 24183	39.80 0.70 0.00	37.58 0.74 0.00	36.12 0.81 0.00	34.78 0.78 0.00	34.73 0.81 0.00	35.74 0.80 0.00	38.11 0.93 0.00	37.99 0.82 0.00	40.55 0.76 0.00	45.62 0.76 0.00	39.66 0.74 0.00	38.89 0.73 0.00	37.98 0.67 0.00	38.71 0.65 0.00	37.67 0.59 0.00	39.64 0.55 0.00	45.01 0.67 0.00	48.52 0.81 0.00	52.99 0.94 0.00	54.90 0.97 0.00	54.51 0.91 0.00	47.82 0.85 0.00	41.93 0.70 0.00	38.44 0.53 0.00
GILBOA___1 23756	39.65 0.55 0.00	37.43 0.59 0.00	36.05 0.74 0.00	34.71 0.72 0.00	34.63 0.71 0.00	35.56 0.63 0.00	37.85 0.67 0.00	37.88 0.70 0.00	40.55 0.75 0.00	45.67 0.81 0.00	39.65 0.74 0.00	38.89 0.72 0.00	38.01 0.71 0.00	38.75 0.69 0.00	37.74 0.67 0.00	39.76 0.66 0.00	45.14 0.80 0.00	48.61 0.90 0.00	53.04 0.99 0.00	54.90 0.97 0.00	54.61 1.02 0.00	47.87 0.89 0.00	41.97 0.74 0.00	38.52 0.60 0.00
GILBOA___2 23757	39.65 0.55 0.00	37.43 0.59 0.00	36.05 0.74 0.00	34.71 0.72 0.00	34.63 0.71 0.00	35.56 0.63 0.00	37.85 0.67 0.00	37.88 0.70 0.00	40.55 0.75 0.00	45.67 0.81 0.00	39.65 0.74 0.00	38.89 0.72 0.00	38.01 0.71 0.00	38.75 0.69 0.00	37.74 0.67 0.00	39.76 0.66 0.00	45.14 0.80 0.00	48.61 0.90 0.00	53.04 0.99 0.00	54.90 0.97 0.00	54.61 1.02 0.00	47.87 0.89 0.00	41.97 0.74 0.00	38.52 0.60 0.00
GILBOA___3 23758	39.65 0.55 0.00	37.43 0.59 0.00	36.05 0.74 0.00	34.71 0.72 0.00	34.63 0.71 0.00	35.56 0.63 0.00	37.85 0.67 0.00	37.88 0.70 0.00	40.55 0.75 0.00	45.67 0.81 0.00	39.65 0.74 0.00	38.89 0.72 0.00	38.01 0.71 0.00	38.75 0.69 0.00	37.74 0.67 0.00	39.76 0.66 0.00	45.14 0.80 0.00	48.61 0.90 0.00	53.04 0.99 0.00	54.90 0.97 0.00	54.61 1.02 0.00	47.87 0.89 0.00	41.97 0.74 0.00	38.52 0.60 0.00
GILBOA___4 23759	39.65 0.55 0.00	37.43 0.59 0.00	36.05 0.74 0.00	34.71 0.72 0.00	34.63 0.71 0.00	35.56 0.63 0.00	37.85 0.67 0.00	37.88 0.70 0.00	40.55 0.75 0.00	45.67 0.81 0.00	39.65 0.74 0.00	38.89 0.72 0.00	38.01 0.71 0.00	38.75 0.69 0.00	37.74 0.67 0.00	39.76 0.66 0.00	45.14 0.80 0.00	48.61 0.90 0.00	53.04 0.99 0.00	54.90 0.97 0.00	54.61 1.02 0.00	47.87 0.89 0.00	41.97 0.74 0.00	38.52 0.60 0.00

GILBOA____ 23599	39.65 0.55 0.00	37.43 0.59 0.00	36.05 0.74 0.00	34.71 0.71 0.00	34.63 0.71 0.00	35.56 0.63 0.00	37.92 0.74 0.00	37.88 0.71 0.00	40.55 0.76 0.00	45.66 0.81 0.00	39.66 0.74 0.00	38.89 0.73 0.00	38.02 0.71 0.00	38.75 0.69 0.00	37.74 0.67 0.00	39.76 0.66 0.00	45.14 0.80 0.00	48.61 0.91 0.00	53.04 0.99 0.00	54.96 1.02 0.00	54.56 0.96 0.00	47.87 0.89 0.00	41.97 0.74 0.00	38.48 0.57 0.00
GINNA____ 23603	36.28 -2.82 0.00	34.19 -2.65 0.00	32.66 -2.65 0.00	31.58 -2.41 0.00	31.54 -2.37 0.00	32.77 -2.17 0.00	34.84 -2.34 0.00	34.64 -2.53 0.00	37.13 -2.67 0.00	42.08 -2.78 0.00	36.41 -2.53 -0.02	35.71 -2.52 -0.07	34.90 -2.42 -0.02	35.88 -2.36 -0.18	35.06 -2.26 -0.25	36.88 -2.31 -0.09	42.61 -2.66 -0.93	45.89 -3.10 -1.28	49.23 -3.38 -0.56	50.56 -3.56 -0.19	50.59 -3.43 -0.42	44.04 -3.20 -0.26	38.18 -3.05 0.00	35.45 -2.46 0.00
GLEN PARK____ 23778	39.84 0.74 0.00	37.36 0.52 0.00	35.48 0.18 0.00	34.06 0.07 0.00	33.71 -0.20 0.00	34.65 -0.28 0.00	37.03 -0.15 0.00	36.87 -0.30 0.00	39.56 -0.24 0.00	44.50 -0.36 0.00	38.53 -0.39 0.00	37.55 -0.61 0.00	36.60 -0.71 0.00	37.34 -0.72 0.00	36.52 -0.56 0.00	38.70 -0.39 0.00	44.30 -0.04 0.00	48.04 0.34 0.00	52.99 0.94 0.00	55.33 1.40 0.00	54.67 1.07 0.00	47.82 0.85 0.00	41.89 0.66 0.00	38.18 0.27 0.00
GLENDALE_27_KV_LOAD 356172	40.62 1.52 0.00	38.32 1.47 0.00	36.68 1.38 0.00	35.25 1.26 0.00	35.17 1.25 0.00	36.23 1.29 0.00	38.70 1.52 0.00	38.85 1.67 0.00	41.79 1.99 0.00	47.19 2.33 0.00	41.13 2.22 0.00	40.34 2.18 0.00	39.47 2.16 0.00	40.38 2.32 0.00	39.37 2.30 0.00	41.51 2.42 0.00	47.00 2.66 0.00	50.48 2.77 0.00	54.66 2.60 0.00	56.90 2.97 0.00	56.71 3.11 0.00	49.56 2.58 0.00	43.46 2.23 0.00	39.62 1.71 0.00
GLENWOOD_IC_1_G5 23712	40.74 1.64 0.00	38.46 1.62 0.00	36.86 1.55 0.00	35.42 1.43 0.00	35.34 1.42 0.00	36.44 1.50 0.00	38.70 1.52 0.00	38.88 1.71 0.00	41.83 2.03 0.00	47.28 2.42 0.00	41.34 2.41 -0.01	40.51 2.33 -0.01	39.63 2.31 -0.01	40.47 2.40 -0.01	39.46 2.37 -0.01	41.61 2.50 -0.01	47.15 2.79 -0.01	50.33 2.62 0.00	54.71 2.65 0.00	56.74 2.80 0.00	56.49 2.89 0.00	49.51 2.54 0.00	43.66 2.43 0.00	39.92 2.01 0.00
GLENWOOD_IC_2_G1 23688	40.51 1.41 0.00	38.24 1.40 0.00	36.72 1.41 0.00	35.29 1.29 0.00	35.13 1.22 0.00	36.23 1.29 0.00	38.40 1.23 0.00	38.73 1.56 0.00	41.63 1.83 0.00	47.01 2.15 0.00	41.02 2.10 0.00	40.23 2.06 0.00	39.32 2.01 0.00	40.19 2.13 0.00	39.19 2.11 0.00	41.32 2.23 0.00	46.82 2.48 0.00	50.05 2.34 0.00	54.45 2.40 0.00	56.63 2.70 0.00	56.49 2.89 0.00	49.28 2.30 0.00	43.37 2.14 0.00	39.66 1.74 0.00
GLENWOOD_IC_3_G1 23689	40.51 1.41 0.00	38.24 1.40 0.00	36.72 1.41 0.00	35.29 1.29 0.00	35.13 1.22 0.00	36.23 1.29 0.00	38.40 1.23 0.00	38.73 1.56 0.00	41.63 1.83 0.00	47.01 2.15 0.00	41.02 2.10 0.00	40.23 2.06 0.00	39.32 2.01 0.00	40.19 2.13 0.00	39.19 2.11 0.00	41.32 2.23 0.00	46.82 2.48 0.00	50.05 2.34 0.00	54.45 2.40 0.00	56.63 2.70 0.00	56.49 2.89 0.00	49.28 2.30 0.00	43.37 2.14 0.00	39.66 1.74 0.00
GLENWOOD___4 23550	40.74 1.64 0.00	38.46 1.62 0.00	36.86 1.55 0.00	35.42 1.43 0.00	35.34 1.42 0.00	36.44 1.50 0.00	38.70 1.52 0.00	38.88 1.71 0.00	41.83 2.03 0.00	47.28 2.42 0.00	41.34 2.41 -0.01	40.51 2.33 -0.01	39.63 2.31 -0.01	40.47 2.40 -0.01	39.46 2.37 -0.01	41.61 2.50 -0.01	47.15 2.79 -0.01	50.33 2.62 0.00	54.71 2.65 0.00	56.79 2.86 0.00	56.55 2.95 0.00	49.51 2.54 0.00	43.66 2.43 0.00	39.92 2.01 0.00
GLENWOOD___5 23614	40.74 1.64 0.00	38.46 1.62 0.00	36.86 1.55 0.00	35.42 1.43 0.00	35.34 1.42 0.00	36.44 1.50 0.00	38.70 1.52 0.00	38.88 1.71 0.00	41.83 2.03 0.00	47.28 2.42 0.00	41.34 2.41 -0.01	40.51 2.33 -0.01	39.63 2.31 -0.01	40.47 2.40 -0.01	39.46 2.37 -0.01	41.61 2.50 -0.01	47.15 2.79 -0.01	50.33 2.62 0.00	54.71 2.65 0.00	56.79 2.86 0.00	56.55 2.95 0.00	49.51 2.54 0.00	43.66 2.43 0.00	39.92 2.01 0.00
GLOBAL GREEN_PORT_GT1 23814	41.72 2.62 0.00	39.46 2.62 0.00	37.92 2.61 0.00	36.34 2.34 0.00	36.19 2.27 0.00	37.28 2.34 0.00	38.78 1.60 0.00	39.25 2.08 0.00	42.15 2.35 0.00	47.64 2.78 0.00	42.58 3.66 -0.01	41.61 3.44 -0.01	40.64 3.32 -0.01	41.53 3.46 -0.01	40.42 3.34 -0.01	42.66 3.56 -0.01	48.52 4.17 -0.01	51.05 4.17 0.00	55.81 3.75 0.00	57.82 3.89 0.00	58.21 4.61 0.00	50.78 3.80 0.00	44.98 3.75 0.00	40.98 3.07 0.00
GLOBE___DSASP 323697	34.29 -4.81 0.00	32.50 -4.35 0.00	31.07 -4.24 0.00	29.92 -4.08 0.00	30.01 -3.90 0.00	31.58 -3.35 0.00	32.35 -4.83 0.00	32.34 -4.83 0.00	34.27 -5.53 0.00	38.76 -6.10 0.00	33.01 -5.80 0.10	32.13 -5.69 0.35	31.79 -5.41 0.10	32.04 -5.10 0.92	30.82 -4.97 1.29	33.16 -5.43 0.49	30.77 -6.12 7.45	30.48 -6.92 10.31	40.10 -7.55 4.41	44.80 -7.77 1.36	42.50 -7.56 3.54	38.10 -6.76 2.11	34.99 -6.23 0.01	33.36 -4.55 0.00
GOETHSLN___LBMP 323567	40.23 1.13 0.01	37.98 1.14 0.01	36.39 1.09 0.01	34.97 0.99 0.01	34.89 0.98 0.01	35.94 1.01 0.01	38.40 1.23 0.01	38.50 1.34 0.01	41.38 1.59 0.01	46.73 1.88 0.01	40.74 1.83 0.01	39.91 1.76 0.01	39.05 1.75 0.01	39.96 1.90 0.01	38.96 1.89 0.01	41.04 1.95 0.01	46.55 2.22 0.01	49.99 2.29 0.01	53.38 2.19 0.86	54.38 2.53 2.09	54.38 2.68 1.90	49.08 2.11 0.01	43.04 1.81 0.01	39.27 1.36 0.01
GOLAH___69_KV_TB 1_2 80279	36.95 -2.15 0.00	34.93 -1.92 0.00	33.36 -1.94 0.00	32.23 -1.77 0.00	32.25 -1.66 0.00	33.64 -1.29 0.00	35.36 -1.82 0.00	35.31 -1.86 0.00	37.57 -2.23 0.00	42.43 -2.42 0.00	36.26 -2.41 0.24	35.04 -2.33 0.80	34.76 -2.31 0.24	33.71 -2.25 2.10	31.94 -2.19 2.95	35.74 -2.23 1.12	26.20 -2.53 15.61	23.28 -2.86 21.57	49.79 -3.02 -0.75	51.21 -2.97 -0.25	51.34 -2.84 -0.58	44.70 -2.63 -0.35	38.72 -2.52 0.00	36.17 -1.74 0.00
GOODYEAR_LAKE_HYD 323669	39.92 0.82 0.00	37.65 0.81 0.00	36.08 0.78 0.00	34.78 0.78 0.00	34.66 0.75 0.00	35.74 0.80 0.00	38.11 0.93 0.00	38.14 0.97 0.00	40.87 1.07 0.00	46.11 1.26 0.00	40.01 1.09 0.00	39.12 0.95 0.00	38.28 0.97 0.00	38.94 0.88 0.00	38.04 0.96 0.00	40.15 1.06 0.00	45.54 1.20 0.00	49.09 1.38 0.00	53.57 1.51 0.00	55.55 1.62 0.00	55.22 1.50 -0.12	48.22 1.17 -0.07	42.26 1.03 0.00	38.78 0.87 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	38.79 -0.31 0.00	36.59 -0.26 0.00	35.02 -0.28 0.00	33.72 -0.27 0.00	33.68 -0.24 0.00	34.80 -0.14 0.00	36.99 -0.19 0.00	37.06 -0.11 0.00	39.56 -0.24 0.00	44.63 -0.22 0.00	38.59 -0.31 0.02	37.65 -0.46 0.06	36.95 -0.34 0.02	37.41 -0.49 0.15	36.41 -0.44 0.21	38.54 -0.47 0.08	42.32 -0.53 1.49	45.12 -0.52 2.07	50.60 -0.57 0.88	53.18 -0.49 0.26	53.12 -0.48 0.00	46.40 -0.56 0.02	40.90 -0.33 0.00	37.80 -0.11 0.00

GOWANUS_GT4_5 24134	40.51 1.41 0.00	38.24 1.40 0.00	36.58 1.27 0.00	35.15 1.16 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.59 1.41 0.00	38.73 1.56 0.00	41.71 1.91 0.00	47.06 2.20 0.00	41.06 2.14 0.00	40.27 2.10 0.00	39.40 2.09 0.00	40.35 2.28 0.00	39.33 2.26 0.00	41.48 2.38 0.00	46.91 2.57 0.00	50.33 2.62 0.00	54.35 2.29 0.00	56.57 2.64 0.00	56.33 2.73 0.00	49.47 2.49 0.00	43.41 2.19 0.00	39.58 1.67 0.00
GOWANUS_GT4_6 24135	40.51 1.41 0.00	38.24 1.40 0.00	36.58 1.27 0.00	35.15 1.16 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.59 1.41 0.00	38.73 1.56 0.00	41.71 1.91 0.00	47.06 2.20 0.00	41.06 2.14 0.00	40.27 2.10 0.00	39.40 2.09 0.00	40.35 2.28 0.00	39.33 2.26 0.00	41.48 2.38 0.00	46.91 2.57 0.00	50.33 2.62 0.00	54.35 2.29 0.00	56.57 2.64 0.00	56.33 2.73 0.00	49.47 2.49 0.00	43.41 2.19 0.00	39.58 1.67 0.00
GOWANUS_GT4_7 24136	40.51 1.41 0.00	38.24 1.40 0.00	36.58 1.27 0.00	35.15 1.16 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.59 1.41 0.00	38.73 1.56 0.00	41.71 1.91 0.00	47.06 2.20 0.00	41.06 2.14 0.00	40.27 2.10 0.00	39.40 2.09 0.00	40.35 2.28 0.00	39.33 2.26 0.00	41.48 2.38 0.00	46.91 2.57 0.00	50.33 2.62 0.00	54.35 2.29 0.00	56.57 2.64 0.00	56.33 2.73 0.00	49.47 2.49 0.00	43.41 2.19 0.00	39.58 1.67 0.00
GOWANUS_GT4_8 24137	40.51 1.41 0.00	38.24 1.40 0.00	36.58 1.27 0.00	35.15 1.16 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.59 1.41 0.00	38.73 1.56 0.00	41.71 1.91 0.00	47.06 2.20 0.00	41.06 2.14 0.00	40.27 2.10 0.00	39.40 2.09 0.00	40.35 2.28 0.00	39.33 2.26 0.00	41.48 2.38 0.00	46.91 2.57 0.00	50.33 2.62 0.00	54.35 2.29 0.00	56.57 2.64 0.00	56.33 2.73 0.00	49.47 2.49 0.00	43.41 2.19 0.00	39.58 1.67 0.00
GREATVR_69_KV_BK1 356245	41.33 2.23 0.00	39.02 2.17 0.00	37.39 2.08 0.00	35.90 1.90 0.00	35.81 1.90 0.00	36.96 2.03 0.00	39.04 1.86 0.00	39.29 2.12 0.00	42.35 2.55 0.00	47.91 3.05 0.00	42.27 3.35 -0.01	41.38 3.21 -0.01	40.41 3.10 -0.01	41.31 3.24 -0.01	40.23 3.15 -0.01	42.50 3.40 -0.01	48.21 3.86 -0.01	51.05 3.34 0.00	55.49 3.44 0.00	57.65 3.72 0.00	57.51 3.91 0.00	50.36 3.38 0.00	44.69 3.46 0.00	40.83 2.92 0.00
GREENBSH_115KV_TB3 55895	39.88 0.78 0.00	37.65 0.81 0.00	36.22 0.92 0.00	34.88 0.88 0.00	34.83 0.92 0.00	35.88 0.94 0.00	38.26 1.08 0.00	38.10 0.93 0.00	40.59 0.80 0.00	45.62 0.76 0.00	39.66 0.74 0.00	38.93 0.76 0.00	38.02 0.71 0.00	38.75 0.69 0.00	37.67 0.59 0.00	39.64 0.55 0.00	45.01 0.67 0.00	48.52 0.81 0.00	52.99 0.94 0.00	54.96 1.02 0.00	54.51 0.91 0.00	47.87 0.89 0.00	41.93 0.70 0.00	38.44 0.53 0.00
GREENDGE_115KV_TB5 80291	38.28 -0.82 0.00	36.11 -0.74 0.00	34.46 -0.85 0.00	33.21 -0.78 0.00	33.13 -0.78 0.00	34.45 -0.49 0.00	36.51 -0.67 0.00	36.62 -0.56 0.00	39.00 -0.80 0.00	43.96 -0.90 0.00	37.85 -1.05 0.02	36.93 -1.18 0.05	36.21 -1.08 0.02	36.63 -1.29 0.13	35.62 -1.26 0.19	37.77 -1.25 0.07	40.31 -1.33 2.70	42.66 -1.29 3.76	49.13 -1.35 1.57	51.98 -1.51 0.44	51.12 -1.50 0.98	45.23 -1.17 0.57	40.32 -0.91 0.00	37.42 -0.49 0.00
GREENIDGE__3 23582	38.28 -0.82 0.00	36.11 -0.74 0.00	34.46 -0.85 0.00	33.21 -0.78 0.00	33.13 -0.78 0.00	34.45 -0.49 0.00	36.51 -0.67 0.00	36.62 -0.56 0.00	39.00 -0.80 0.00	43.96 -0.90 0.00	37.85 -1.05 0.02	36.93 -1.18 0.05	36.21 -1.08 0.02	36.63 -1.29 0.13	35.62 -1.26 0.19	37.77 -1.25 0.07	40.31 -1.33 2.70	42.66 -1.29 3.76	49.13 -1.35 1.57	51.98 -1.51 0.44	51.12 -1.50 0.98	45.23 -1.17 0.57	40.32 -0.91 0.00	37.42 -0.49 0.00
GREENIDGE__4 23583	38.28 -0.82 0.00	36.11 -0.74 0.00	34.46 -0.85 0.00	33.21 -0.78 0.00	33.14 -0.78 0.00	34.45 -0.49 0.00	36.66 -0.52 0.00	36.62 -0.56 0.00	39.00 -0.80 0.00	43.96 -0.90 0.00	37.89 -1.01 0.02	36.93 -1.18 0.05	36.21 -1.08 0.02	36.63 -1.29 0.13	35.62 -1.26 0.19	37.77 -1.25 0.07	40.31 -1.33 2.70	42.67 -1.29 3.76	49.13 -1.35 1.57	51.98 -1.51 0.44	51.39 -1.23 0.98	45.24 -1.17 0.57	40.36 -0.87 0.00	37.42 -0.49 0.00
GREENLWN_69_KV_BK 3 55738	40.74 1.64 0.00	38.46 1.62 0.00	36.86 1.55 0.00	35.42 1.43 0.00	35.31 1.39 0.00	36.44 1.50 0.00	38.56 1.38 0.00	38.81 1.64 0.00	41.79 1.99 0.00	47.23 2.38 0.00	41.53 2.61 -0.01	40.69 2.52 -0.01	39.70 2.39 -0.01	40.54 2.47 -0.01	39.53 2.45 -0.01	41.72 2.62 -0.01	47.23 2.88 0.00	49.90 2.19 0.00	54.09 2.03 0.00	56.25 2.32 0.00	56.12 2.52 0.00	49.19 2.21 0.00	43.83 2.60 0.00	40.04 2.12 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	40.51 1.41 0.00	38.24 1.40 0.00	36.58 1.27 0.00	35.15 1.16 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.59 1.41 0.00	38.73 1.56 0.00	41.71 1.91 0.00	47.06 2.20 0.00	41.06 2.14 0.00	40.27 2.10 0.00	39.40 2.09 0.00	40.35 2.28 0.00	39.33 2.26 0.00	41.48 2.38 0.00	46.91 2.57 0.00	50.33 2.62 0.00	54.35 2.29 0.00	56.57 2.64 0.00	56.33 2.73 0.00	49.47 2.49 0.00	43.41 2.19 0.00	39.58 1.67 0.00
GRISSOM__SOLAR 323813	40.62 1.52 0.00	38.28 1.44 0.00	36.79 1.48 0.00	35.42 1.43 0.00	35.34 1.42 0.00	36.47 1.54 0.00	38.93 1.75 0.00	38.81 1.63 0.00	41.31 1.51 0.00	46.34 1.48 0.00	40.00 1.09 0.00	39.16 0.99 0.00	38.28 0.97 0.00	39.01 0.95 0.00	38.00 0.93 0.00	40.11 1.01 0.00	45.80 1.46 0.00	49.76 2.05 0.00	54.61 2.55 0.00	56.79 2.86 0.00	56.28 2.68 0.00	49.23 2.25 0.00	43.13 1.90 0.00	39.43 1.52 0.00
GROVEVILLE__HYD 323602	40.51 1.41 0.00	38.24 1.40 0.00	36.68 1.38 0.00	35.25 1.26 0.00	35.17 1.25 0.00	36.26 1.33 0.00	38.70 1.52 0.00	38.59 1.41 0.00	41.43 1.63 0.00	46.74 1.88 0.00	40.59 1.67 0.00	39.69 1.53 0.00	38.84 1.53 0.00	39.66 1.60 0.00	38.67 1.59 0.00	40.85 1.76 0.00	46.47 2.13 0.00	50.05 2.34 0.00	54.50 2.45 0.00	56.68 2.75 0.00	56.33 2.73 0.00	49.14 2.16 0.00	43.04 1.81 0.00	39.39 1.48 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.94 -0.16 0.00	36.70 -0.15 0.00	35.09 -0.21 0.00	33.86 -0.14 0.00	33.75 -0.17 0.00	34.83 -0.10 0.00	37.03 -0.15 0.00	37.10 -0.07 0.00	39.68 -0.12 0.00	44.77 -0.09 0.00	38.80 -0.12 0.00	38.01 -0.15 0.00	37.20 -0.11 0.00	37.91 -0.15 0.00	36.92 -0.15 0.00	38.97 -0.12 0.00	44.21 -0.13 0.00	47.56 -0.14 0.00	51.85 -0.21 0.00	53.77 -0.16 0.00	53.44 -0.16 0.00	46.74 -0.23 0.00	41.02 -0.21 0.00	37.80 -0.11 0.00
HAMLTNNY_34_KV_TB 80303	38.90 -0.20 0.00	36.70 -0.15 0.00	35.09 -0.21 0.00	33.82 -0.17 0.00	33.75 -0.17 0.00	34.83 -0.10 0.00	37.03 -0.15 0.00	37.10 -0.07 0.00	39.68 -0.12 0.00	44.77 -0.09 0.00	38.72 -0.19 0.00	37.94 -0.23 0.00	37.12 -0.19 0.00	37.83 -0.23 0.00	36.89 -0.19 0.00	38.93 -0.16 0.00	44.16 -0.18 0.00	47.52 -0.19 0.00	51.85 -0.21 0.00	53.77 -0.16 0.00	53.36 -0.16 0.08	46.70 -0.23 0.05	40.98 -0.25 0.00	37.80 -0.11 0.00

HAMPSHIRE___PAPER_HYD 323593	38.91 -0.19 0.00	36.44 -0.40 0.00	34.63 -0.67 0.00	33.15 -0.85 0.00	32.90 -1.02 0.00	33.71 -1.22 0.00	35.95 -1.23 0.00	35.95 -1.23 0.00	38.56 -1.23 0.00	43.60 -1.26 0.00	37.75 -1.17 0.00	36.98 -1.18 0.00	36.04 -1.27 0.00	36.92 -1.14 0.00	36.03 -1.04 0.00	38.15 -0.94 0.00	43.45 -0.89 0.00	46.80 -0.91 0.00	51.28 -0.78 0.00	53.23 -0.70 0.00	52.74 -0.86 0.00	46.51 -0.47 0.00	40.90 -0.33 0.00	37.38 -0.53 0.00
HARDSCRABBLE_WT_PWR 323673	39.26 0.16 0.00	36.81 -0.04 0.00	35.20 -0.11 0.00	33.89 -0.10 0.00	33.78 -0.14 0.00	34.83 -0.10 0.00	37.18 0.00 0.00	37.25 0.07 0.00	40.00 0.20 0.00	45.13 0.27 0.00	39.23 0.31 0.00	38.47 0.30 0.00	37.60 0.30 0.00	38.36 0.30 0.00	37.41 0.33 0.00	39.40 0.31 0.00	44.69 0.35 0.00	48.14 0.43 0.00	52.52 0.47 0.00	54.47 0.54 0.00	54.08 0.48 0.00	47.35 0.37 0.00	41.48 0.25 0.00	38.10 0.19 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.19 1.09 0.00	37.99 1.14 0.00	36.36 1.06 0.00	34.98 0.99 0.00	34.90 0.98 0.00	35.95 1.01 0.00	38.41 1.23 0.00	38.36 1.19 0.00	41.15 1.35 0.00	46.43 1.57 0.00	40.32 1.40 0.00	39.46 1.30 0.00	38.61 1.31 0.00	39.47 1.41 0.00	38.48 1.41 0.00	40.62 1.52 0.00	46.20 1.86 0.00	49.71 2.00 0.00	54.14 2.08 0.00	56.30 2.37 0.00	56.01 2.41 0.00	48.86 1.88 0.00	42.80 1.57 0.00	39.16 1.25 0.00
HARSNRAD_115KV_TB1 81005	34.25 -4.85 0.00	32.53 -4.31 0.00	31.10 -4.20 0.00	29.95 -4.05 0.00	30.01 -3.90 0.00	31.58 -3.35 0.00	32.76 -4.42 0.00	32.71 -4.46 0.00	34.70 -5.09 0.00	39.34 -5.52 0.00	33.76 -5.02 0.14	32.91 -4.81 0.44	32.58 -4.59 0.14	32.16 -4.72 0.18	30.82 -4.60 1.66	33.66 -4.81 0.63	29.79 -5.68 8.88	29.04 -6.39 12.27	39.87 -6.92 5.26	45.18 -7.12 1.63	42.41 -6.97 4.22	38.21 -6.25 2.52	35.57 -5.65 0.01	33.74 -4.17 0.00
HARZA MOOSE___RIVER 24016	39.65 0.55 0.00	37.29 0.44 0.00	35.48 0.18 0.00	33.96 -0.03 0.00	33.61 -0.31 0.00	34.55 -0.38 0.00	36.84 -0.33 0.00	36.80 -0.37 0.00	39.48 -0.32 0.00	44.54 -0.31 0.00	38.64 -0.27 0.00	37.79 -0.38 0.00	36.93 -0.37 0.00	37.76 -0.30 0.00	36.89 -0.19 0.00	39.01 -0.08 0.00	44.56 0.22 0.00	48.09 0.38 0.00	52.68 0.62 0.00	54.74 0.81 0.00	54.19 0.59 0.00	47.49 0.52 0.00	41.68 0.45 0.00	38.18 0.27 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	38.67 -0.43 0.00	36.44 -0.41 0.00	34.88 -0.42 0.00	33.62 -0.37 0.00	33.54 -0.37 0.00	34.62 -0.31 0.00	36.77 -0.41 0.00	36.84 -0.33 0.00	39.40 -0.40 0.00	44.45 -0.40 0.00	38.53 -0.39 0.00	37.75 -0.42 0.00	36.93 -0.37 0.00	37.68 -0.38 0.00	36.70 -0.37 0.00	38.74 -0.35 0.00	43.94 -0.40 0.00	47.23 -0.48 0.00	51.54 -0.52 0.00	53.45 -0.49 0.00	53.12 -0.48 0.00	46.41 -0.56 0.00	40.74 -0.49 0.00	37.53 -0.38 0.00
HELLGATE_13_KV_LD 55870	40.62 1.52 0.00	38.32 1.47 0.00	36.68 1.38 0.00	35.25 1.26 0.00	35.17 1.25 0.00	36.19 1.26 0.00	38.70 1.52 0.00	38.85 1.67 0.00	41.75 1.95 0.00	47.19 2.33 0.00	41.13 2.22 0.00	40.30 2.14 0.00	39.43 2.13 0.00	40.38 2.32 0.00	39.37 2.30 0.00	41.51 2.42 0.00	47.05 2.70 0.00	50.48 2.77 0.00	54.66 2.60 0.00	56.90 2.97 0.00	56.71 3.11 0.00	49.56 2.58 0.00	43.46 2.23 0.00	39.66 1.74 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.62 1.52 0.00	38.32 1.47 0.00	36.68 1.38 0.00	35.25 1.26 0.00	35.17 1.25 0.00	36.19 1.26 0.00	38.70 1.52 0.00	38.85 1.67 0.00	41.75 1.95 0.00	47.19 2.33 0.00	41.13 2.22 0.00	40.30 2.14 0.00	39.43 2.13 0.00	40.38 2.32 0.00	39.37 2.30 0.00	41.51 2.42 0.00	47.05 2.70 0.00	50.48 2.77 0.00	54.66 2.60 0.00	56.90 2.97 0.00	56.71 3.11 0.00	49.56 2.58 0.00	43.46 2.23 0.00	39.66 1.74 0.00
HEMPSTEAD___ 23647	40.74 1.64 0.00	38.46 1.62 0.00	36.96 1.66 0.00	35.46 1.46 0.00	35.34 1.42 0.00	36.44 1.50 0.00	38.44 1.26 0.00	38.85 1.67 0.00	41.83 2.03 0.00	47.28 2.42 0.00	41.42 2.49 -0.01	40.59 2.41 -0.01	39.71 2.39 -0.01	40.55 2.47 -0.01	39.53 2.45 -0.01	41.68 2.58 -0.01	47.23 2.88 -0.01	50.19 2.48 0.00	54.61 2.55 0.00	56.79 2.86 0.00	56.71 3.11 0.00	49.51 2.54 0.00	43.79 2.56 0.00	40.03 2.12 0.00
HICKLING___1 23621	37.69 -1.41 0.00	35.63 -1.22 0.00	34.00 -1.31 0.00	32.70 -1.29 0.00	32.66 -1.25 0.00	34.06 -0.87 0.00	36.03 -1.15 0.00	36.13 -1.04 0.00	38.44 -1.35 0.00	43.33 -1.53 0.00	37.29 -1.60 0.03	36.26 -1.79 0.11	35.78 -1.49 0.03	35.83 -1.94 0.29	34.78 -1.89 0.40	36.98 -1.95 0.15	37.97 -2.26 4.11	39.66 -2.34 5.71	47.15 -2.50 2.41	50.81 -2.43 0.70	49.20 -2.41 1.99	43.52 -2.30 1.16	39.70 -1.53 0.00	37.00 -0.91 0.00
HICKLING___2 23622	37.69 -1.41 0.00	35.63 -1.22 0.00	34.00 -1.31 0.00	32.70 -1.29 0.00	32.66 -1.25 0.00	34.06 -0.87 0.00	36.03 -1.15 0.00	36.13 -1.04 0.00	38.44 -1.35 0.00	43.33 -1.53 0.00	37.29 -1.60 0.03	36.26 -1.79 0.11	35.78 -1.49 0.03	35.83 -1.94 0.29	34.78 -1.89 0.40	36.98 -1.95 0.15	37.97 -2.26 4.11	39.66 -2.34 5.71	47.15 -2.50 2.41	50.81 -2.43 0.70	49.20 -2.41 1.99	43.52 -2.30 1.16	39.70 -1.53 0.00	37.00 -0.91 0.00
HIGH FALLS___HY 23754	40.43 1.33 0.00	38.17 1.33 0.00	36.54 1.24 0.00	35.15 1.16 0.00	35.03 1.12 0.00	36.12 1.19 0.00	38.59 1.41 0.00	38.44 1.26 0.00	41.31 1.51 0.00	46.52 1.66 0.00	40.36 1.44 0.00	39.46 1.30 0.00	38.61 1.31 0.00	39.43 1.37 0.00	38.48 1.41 0.00	40.65 1.56 0.00	46.34 2.00 0.00	49.95 2.24 0.00	54.45 2.39 0.00	56.63 2.70 0.00	56.39 2.79 0.00	49.09 2.11 0.00	42.96 1.73 0.00	39.32 1.40 0.00
HIGH_RIVER___SOLAR 323847	40.16 1.06 0.00	37.84 1.00 0.00	36.36 1.06 0.00	35.01 1.02 0.00	34.93 1.02 0.00	36.02 1.08 0.00	38.40 1.23 0.00	38.29 1.11 0.00	40.83 1.03 0.00	45.80 0.94 0.00	39.62 0.70 0.00	38.85 0.69 0.00	37.98 0.67 0.00	38.78 0.72 0.00	37.74 0.67 0.00	39.80 0.70 0.00	45.32 0.97 0.00	49.04 1.33 0.00	53.77 1.72 0.00	55.82 1.89 0.00	55.42 1.82 0.00	48.53 1.55 0.00	42.51 1.28 0.00	38.94 1.02 0.00
HILLBURN___GT 23639	40.11 1.01 0.00	37.95 1.10 0.00	36.36 1.06 0.00	34.98 0.99 0.00	34.86 0.95 0.00	35.91 0.98 0.00	38.22 1.04 0.00	38.40 1.22 0.00	41.19 1.39 0.00	46.47 1.61 0.00	40.39 1.48 0.00	39.58 1.41 0.00	38.72 1.42 0.00	39.59 1.52 0.00	38.59 1.52 0.00	40.69 1.60 0.00	46.20 1.86 0.00	49.66 1.96 0.00	54.08 2.03 0.00	56.30 2.37 0.00	56.01 2.41 0.00	48.86 1.88 0.00	42.80 1.57 0.00	39.16 1.25 0.00
HILLSIDE_115KV_TB1 80332	37.26 -1.84 0.00	35.22 -1.62 0.00	33.68 -1.62 0.00	32.40 -1.60 0.00	32.39 -1.53 0.00	33.68 -1.26 0.00	35.69 -1.49 0.00	35.76 -1.41 0.00	38.05 -1.75 0.00	42.88 -1.97 0.00	36.90 -1.98 0.03	35.89 -2.18 0.10	35.41 -1.87 0.03	35.51 -2.28 0.27	34.47 -2.22 0.38	36.56 -2.38 0.14	37.72 -2.75 3.87	39.47 -2.86 5.38	46.77 -3.02 2.27	50.26 -3.02 0.66	48.47 -3.00 2.12	42.98 -2.77 1.23	39.29 -1.94 0.00	36.59 -1.33 0.00

HISHELDN_WT_PWR 323625	35.11 -3.99 0.00	33.12 -3.72 0.00	31.60 -3.71 0.00	30.39 -3.60 0.00	30.39 -3.53 0.00	31.93 -3.00 0.00	33.83 -3.35 0.00	33.42 -3.75 0.00	35.50 -4.30 0.00	40.28 -4.58 0.00	34.67 -4.16 0.08	33.62 -4.27 0.28	33.34 -3.88 0.08	33.03 -4.30 0.73	31.87 -4.19 1.02	34.29 -4.42 0.39	32.95 -5.19 6.20	33.50 -5.63 8.58	42.30 -6.09 3.67	46.61 -6.20 1.12	44.61 -6.06 2.93	39.79 -5.45 1.74	36.85 -4.37 0.01	34.77 -3.15 0.00
HOLTSVILLE_IC_1 23690	40.90 1.80 0.00	38.65 1.80 0.00	37.14 1.83 0.00	35.59 1.60 0.00	35.48 1.56 0.00	36.58 1.64 0.00	38.37 1.19 0.00	38.92 1.75 0.00	41.87 2.07 0.00	47.37 2.51 0.00	41.88 2.96 -0.01	41.00 2.82 -0.01	40.04 2.72 -0.01	40.93 2.86 -0.01	39.86 2.78 -0.01	42.07 2.97 -0.01	47.76 3.41 -0.01	50.38 2.67 0.00	54.86 2.81 0.00	56.84 2.91 0.00	56.98 3.38 0.00	49.80 2.82 0.00	44.24 3.01 0.00	40.45 2.54 0.00
HOLTSVILLE_IC_10 23699	41.05 1.95 0.00	38.80 1.95 0.00	37.24 1.94 0.00	35.73 1.73 0.00	35.58 1.66 0.00	36.72 1.78 0.00	38.52 1.34 0.00	39.07 1.89 0.00	42.03 2.23 0.00	47.55 2.69 0.00	42.04 3.11 -0.01	41.19 3.01 -0.01	40.23 2.91 -0.01	41.12 3.05 -0.01	40.05 2.97 -0.01	42.31 3.21 -0.01	47.99 3.64 -0.01	50.67 2.96 0.00	55.18 3.12 0.00	57.17 3.24 0.00	57.29 3.70 0.00	50.08 3.10 0.00	44.45 3.22 0.00	40.64 2.73 0.00
HOLTSVILLE_IC_2 23691	40.90 1.80 0.00	38.65 1.80 0.00	37.14 1.83 0.00	35.59 1.60 0.00	35.48 1.56 0.00	36.58 1.64 0.00	38.37 1.19 0.00	38.92 1.75 0.00	41.87 2.07 0.00	47.37 2.51 0.00	41.88 2.96 -0.01	41.00 2.82 -0.01	40.04 2.72 -0.01	40.93 2.86 -0.01	39.86 2.78 -0.01	42.07 2.97 -0.01	47.76 3.41 -0.01	50.38 2.67 0.00	54.86 2.81 0.00	56.84 2.91 0.00	56.98 3.38 0.00	49.80 2.82 0.00	44.24 3.01 0.00	40.45 2.54 0.00
HOLTSVILLE_IC_3 23692	40.90 1.80 0.00	38.65 1.80 0.00	37.14 1.83 0.00	35.59 1.60 0.00	35.48 1.56 0.00	36.58 1.64 0.00	38.37 1.19 0.00	38.92 1.75 0.00	41.87 2.07 0.00	47.37 2.51 0.00	41.88 2.96 -0.01	41.00 2.82 -0.01	40.04 2.72 -0.01	40.93 2.86 -0.01	39.86 2.78 -0.01	42.07 2.97 -0.01	47.76 3.41 -0.01	50.38 2.67 0.00	54.86 2.81 0.00	56.84 2.91 0.00	56.98 3.38 0.00	49.80 2.82 0.00	44.24 3.01 0.00	40.45 2.54 0.00
HOLTSVILLE_IC_4 23693	40.90 1.80 0.00	38.65 1.80 0.00	37.14 1.83 0.00	35.59 1.60 0.00	35.48 1.56 0.00	36.58 1.64 0.00	38.37 1.19 0.00	38.92 1.75 0.00	41.87 2.07 0.00	47.37 2.51 0.00	41.88 2.96 -0.01	41.00 2.82 -0.01	40.04 2.72 -0.01	40.93 2.86 -0.01	39.86 2.78 -0.01	42.07 2.97 -0.01	47.76 3.41 -0.01	50.38 2.67 0.00	54.86 2.81 0.00	56.84 2.91 0.00	56.98 3.38 0.00	49.80 2.82 0.00	44.24 3.01 0.00	40.45 2.54 0.00
HOLTSVILLE_IC_5 23694	40.90 1.80 0.00	38.65 1.80 0.00	37.14 1.83 0.00	35.59 1.60 0.00	35.48 1.56 0.00	36.58 1.64 0.00	38.37 1.19 0.00	38.92 1.75 0.00	41.87 2.07 0.00	47.37 2.51 0.00	41.88 2.96 -0.01	41.00 2.82 -0.01	40.04 2.72 -0.01	40.93 2.86 -0.01	39.86 2.78 -0.01	42.07 2.97 -0.01	47.76 3.41 -0.01	50.38 2.67 0.00	54.86 2.81 0.00	56.84 2.91 0.00	56.98 3.38 0.00	49.80 2.82 0.00	44.24 3.01 0.00	40.45 2.54 0.00
HOLTSVILLE_IC_6 23695	41.05 1.95 0.00	38.80 1.95 0.00	37.24 1.94 0.00	35.73 1.73 0.00	35.58 1.66 0.00	36.72 1.78 0.00	38.52 1.34 0.00	39.07 1.89 0.00	42.03 2.23 0.00	47.55 2.69 0.00	42.04 3.11 -0.01	41.19 3.01 -0.01	40.23 2.91 -0.01	41.12 3.05 -0.01	40.05 2.97 -0.01	42.31 3.21 -0.01	47.99 3.64 -0.01	50.67 2.96 0.00	55.18 3.12 0.00	57.17 3.24 0.00	57.29 3.70 0.00	50.08 3.10 0.00	44.45 3.22 0.00	40.64 2.73 0.00
HOLTSVILLE_IC_7 23696	41.05 1.95 0.00	38.80 1.95 0.00	37.24 1.94 0.00	35.73 1.73 0.00	35.58 1.66 0.00	36.72 1.78 0.00	38.52 1.34 0.00	39.07 1.89 0.00	42.03 2.23 0.00	47.55 2.69 0.00	42.04 3.11 -0.01	41.19 3.01 -0.01	40.23 2.91 -0.01	41.12 3.05 -0.01	40.05 2.97 -0.01	42.31 3.21 -0.01	47.99 3.64 -0.01	50.67 2.96 0.00	55.18 3.12 0.00	57.17 3.24 0.00	57.29 3.70 0.00	50.08 3.10 0.00	44.45 3.22 0.00	40.64 2.73 0.00
HOLTSVILLE_IC_8 23697	41.05 1.95 0.00	38.80 1.95 0.00	37.24 1.94 0.00	35.73 1.73 0.00	35.58 1.66 0.00	36.72 1.78 0.00	38.52 1.34 0.00	39.07 1.89 0.00	42.03 2.23 0.00	47.55 2.69 0.00	42.04 3.11 -0.01	41.19 3.01 -0.01	40.23 2.91 -0.01	41.12 3.05 -0.01	40.05 2.97 -0.01	42.31 3.21 -0.01	47.99 3.64 -0.01	50.67 2.96 0.00	55.18 3.12 0.00	57.17 3.24 0.00	57.29 3.70 0.00	50.08 3.10 0.00	44.45 3.22 0.00	40.64 2.73 0.00
HOLTSVILLE_IC_9 23698	41.05 1.95 0.00	38.80 1.95 0.00	37.24 1.94 0.00	35.73 1.73 0.00	35.58 1.66 0.00	36.72 1.78 0.00	38.52 1.34 0.00	39.07 1.89 0.00	42.03 2.23 0.00	47.55 2.69 0.00	42.04 3.11 -0.01	41.19 3.01 -0.01	40.23 2.91 -0.01	41.12 3.05 -0.01	40.05 2.97 -0.01	42.31 3.21 -0.01	47.99 3.64 -0.01	50.67 2.96 0.00	55.18 3.12 0.00	57.17 3.24 0.00	57.29 3.70 0.00	50.08 3.10 0.00	44.45 3.22 0.00	40.64 2.73 0.00
HOMER_HL_115KV_TB2 355744	35.78 -3.32 0.00	33.90 -2.95 0.00	32.37 -2.93 0.00	31.11 -2.89 0.00	31.13 -2.78 0.00	32.70 -2.24 0.00	34.50 -2.68 0.00	34.53 -2.64 0.00	36.57 -3.22 0.00	41.31 -3.54 0.00	35.41 -3.42 0.08	33.78 -4.12 0.27	34.02 -3.21 0.08	32.67 -4.68 0.71	31.44 -4.63 1.00	33.71 -5.00 0.38	32.09 -6.16 6.09	32.84 -6.44 8.43	41.27 -7.18 3.60	45.55 -7.28 1.10	43.44 -7.29 2.87	38.79 -6.48 1.70	37.72 -3.50 0.01	35.56 -2.35 0.00
HOWARD_WT_PWR 323690	36.87 -2.23 0.00	34.71 -2.14 0.00	33.04 -2.26 0.00	31.79 -2.21 0.00	31.64 -2.27 0.00	33.12 -1.82 0.00	35.21 -1.97 0.00	35.06 -2.12 0.00	37.21 -2.59 0.00	42.08 -2.78 0.00	36.23 -2.65 0.04	35.16 -2.86 0.14	34.80 -2.46 0.04	34.80 -2.89 0.37	33.74 -2.82 0.52	35.96 -2.93 0.20	36.33 -3.41 4.60	37.89 -3.44 6.39	45.87 -3.49 2.70	49.80 -3.34 0.79	48.50 -3.21 1.88	42.96 -2.91 1.11	39.21 -2.02 0.00	36.66 -1.25 0.00
HQ_GEN_CEDARS 23644	39.57 0.47 0.00	37.03 0.18 0.00	35.30 0.00 0.00	33.93 -0.07 0.00	33.88 -0.03 0.00	34.69 -0.24 0.00	36.96 -0.22 0.00	37.02 -0.15 0.00	39.72 -0.08 0.00	44.99 0.13 0.00	38.92 0.00 0.00	38.24 0.08 0.00	37.27 -0.04 0.00	38.14 0.08 0.00	37.11 0.04 0.00	39.29 0.20 0.00	44.43 0.09 0.00	47.56 -0.14 0.00	51.80 -0.26 0.00	53.55 -0.38 0.00	53.38 -0.21 0.00	47.21 0.23 0.00	41.64 0.41 0.00	38.18 0.27 0.00
HQ_GEN_CEDARS_PROXY 323590	39.57 0.47 0.00	37.03 0.19 0.00	35.30 0.00 0.00	33.93 -0.07 0.00	33.88 -0.03 0.00	34.69 -0.24 0.00	36.96 -0.22 0.00	37.02 -0.15 0.00	41.05 -0.08 -1.33	43.66 0.13 1.33	38.92 0.00 0.00	38.24 0.08 0.00	37.27 -0.04 0.00	38.14 0.08 0.00	37.11 0.04 0.00	39.29 0.20 0.00	44.43 0.09 0.00	47.57 -0.14 0.00	51.80 -0.26 0.00	53.56 -0.37 0.00	53.23 -0.37 0.00	47.21 0.24 0.00	41.64 0.41 0.00	38.18 0.27 0.00

HQ_GEN_CHPE_PROXY 323851	40.31 1.21 0.00	38.10 1.25 0.00	36.51 1.20 0.00	35.08 1.09 0.00	34.97 1.05 0.00	36.02 1.08 0.00	38.33 1.15 0.00	38.58 1.41 0.00	42.80 1.67 -1.33	45.50 1.97 1.33	40.78 1.87 0.00	40.00 1.83 0.00	39.10 1.79 0.00	40.00 1.94 0.00	39.00 1.93 0.00	41.12 2.03 0.00	46.60 2.26 0.00	50.09 2.38 0.00	54.34 2.29 0.00	56.57 2.64 0.00	56.38 2.79 0.00	49.19 2.21 0.00	43.13 1.90 0.00	39.39 1.48 0.00
HQ_GEN_IMPORT 323601	39.30 0.20 0.00	36.99 0.15 0.00	35.38 0.07 0.00	34.06 0.07 0.00	33.98 0.07 0.00	34.97 0.03 0.00	37.22 0.04 0.00	37.21 0.04 0.00	41.21 0.08 -1.33	43.66 0.13 1.33	38.99 0.08 0.00	38.24 0.08 0.00	37.38 0.07 0.00	38.18 0.11 0.00	37.15 0.07 0.00	39.21 0.12 0.00	44.43 0.09 0.00	47.76 0.05 0.00	52.11 0.05 0.00	53.93 0.00 0.00	53.60 0.00 0.00	47.12 0.14 0.00	41.40 0.17 0.00	38.06 0.15 0.00
HQ_GEN_WHEEL 23651	39.30 0.20 0.00	36.99 0.15 0.00	35.38 0.07 0.00	34.06 0.07 0.00	33.98 0.07 0.00	34.97 0.03 0.00	37.22 0.04 0.00	37.21 0.04 0.00	41.21 0.08 -1.33	43.66 0.13 1.33	38.99 0.08 0.00	38.24 0.08 0.00	37.38 0.07 0.00	38.18 0.11 0.00	37.15 0.07 0.00	39.21 0.12 0.00	44.43 0.09 0.00	47.76 0.05 0.00	52.11 0.05 0.00	53.93 0.00 0.00	53.60 0.00 0.00	47.12 0.14 0.00	41.40 0.17 0.00	38.06 0.15 0.00
HUDSON_AVE_GT_3 23810	40.43 1.33 0.00	38.17 1.33 0.00	36.58 1.27 0.00	35.15 1.16 0.00	35.07 1.15 0.00	36.12 1.19 0.00	38.59 1.41 0.00	38.70 1.52 0.00	41.63 1.83 0.00	47.01 2.15 0.00	40.94 2.02 0.00	40.15 1.98 0.00	39.25 1.94 0.00	40.16 2.09 0.00	39.15 2.08 0.00	41.28 2.19 0.00	46.78 2.44 0.00	50.28 2.58 0.00	54.55 2.50 0.00	56.79 2.86 0.00	56.60 3.00 0.00	49.37 2.40 0.00	43.29 2.06 0.00	39.50 1.59 0.00
HUDSON_AVE_GT_4 23540	40.43 1.33 0.00	38.17 1.33 0.00	36.58 1.27 0.00	35.15 1.16 0.00	35.07 1.15 0.00	36.12 1.19 0.00	38.59 1.41 0.00	38.70 1.52 0.00	41.63 1.83 0.00	47.01 2.15 0.00	40.94 2.02 0.00	40.15 1.98 0.00	39.25 1.94 0.00	40.16 2.09 0.00	39.15 2.08 0.00	41.28 2.19 0.00	46.78 2.44 0.00	50.28 2.58 0.00	54.55 2.50 0.00	56.79 2.86 0.00	56.60 3.00 0.00	49.37 2.40 0.00	43.29 2.06 0.00	39.50 1.59 0.00
HUDSON_AVE_GT_5 23657	40.43 1.33 0.00	38.17 1.33 0.00	36.58 1.27 0.00	35.15 1.16 0.00	35.07 1.15 0.00	36.12 1.19 0.00	38.59 1.41 0.00	38.70 1.52 0.00	41.63 1.83 0.00	47.01 2.15 0.00	40.94 2.02 0.00	40.15 1.98 0.00	39.25 1.94 0.00	40.16 2.09 0.00	39.15 2.08 0.00	41.28 2.19 0.00	46.78 2.44 0.00	50.28 2.58 0.00	54.55 2.50 0.00	56.79 2.86 0.00	56.60 3.00 0.00	49.37 2.40 0.00	43.29 2.06 0.00	39.50 1.59 0.00
HUDSON_AVE_10 24168	40.31 1.21 0.00	38.06 1.22 0.00	36.43 1.13 0.00	35.05 1.05 0.00	34.93 1.02 0.00	36.02 1.08 0.00	38.48 1.30 0.00	38.62 1.45 0.00	41.51 1.71 0.00	46.92 2.06 0.00	40.86 1.95 0.00	40.04 1.87 0.00	39.17 1.87 0.00	40.08 2.02 0.00	39.07 2.00 0.00	41.20 2.11 0.00	46.69 2.35 0.00	50.19 2.48 0.00	54.45 2.39 0.00	56.68 2.75 0.00	56.49 2.89 0.00	49.28 2.30 0.00	43.17 1.94 0.00	39.39 1.48 0.00
HUDSON___115KV_TB 4 355613	40.55 1.45 0.00	38.21 1.36 0.00	36.75 1.45 0.00	35.39 1.39 0.00	35.31 1.39 0.00	36.40 1.47 0.00	38.82 1.64 0.00	38.51 1.34 0.00	41.03 1.23 0.00	46.11 1.26 0.00	39.97 1.05 0.00	39.12 0.95 0.00	38.17 0.86 0.00	38.90 0.84 0.00	37.85 0.78 0.00	39.87 0.78 0.00	45.49 1.15 0.00	49.23 1.53 0.00	53.88 1.82 0.00	55.93 2.00 0.00	55.47 1.88 0.00	48.67 1.69 0.00	42.63 1.40 0.00	39.05 1.14 0.00
HUNTER MOUNT___DRP 323613	40.74 1.64 0.00	38.35 1.51 0.00	36.86 1.55 0.00	35.49 1.50 0.00	35.44 1.53 0.00	36.51 1.57 0.00	38.96 1.78 0.00	38.51 1.34 0.00	41.11 1.31 0.00	46.16 1.30 0.00	39.97 1.05 0.00	39.08 0.92 0.00	38.13 0.82 0.00	38.86 0.80 0.00	37.81 0.74 0.00	39.87 0.78 0.00	45.54 1.20 0.00	49.38 1.67 0.00	53.98 1.93 0.00	56.09 2.16 0.00	55.64 2.04 0.00	48.81 1.83 0.00	42.71 1.48 0.00	39.13 1.21 0.00
HUNTINGTON_RES_REC 323705	40.86 1.76 0.00	38.58 1.73 0.00	37.07 1.76 0.00	35.56 1.56 0.00	35.41 1.49 0.00	36.54 1.61 0.00	38.37 1.19 0.00	38.88 1.71 0.00	41.87 2.07 0.00	47.37 2.51 0.00	41.73 2.80 -0.01	40.89 2.71 -0.01	39.93 2.61 -0.01	40.77 2.70 -0.01	39.75 2.67 -0.01	41.95 2.85 -0.01	47.54 3.19 -0.01	50.09 2.38 0.00	54.55 2.50 0.00	56.63 2.70 0.00	56.65 3.05 0.00	49.56 2.58 0.00	44.11 2.89 0.00	40.30 2.39 0.00
HUNTLEY___63 23557	34.60 -4.50 0.00	32.75 -4.09 0.00	31.32 -3.99 0.00	30.12 -3.88 0.00	30.22 -3.70 0.00	31.83 -3.11 0.00	32.94 -4.24 0.00	32.90 -4.27 0.00	34.90 -4.90 0.00	39.56 -5.29 0.00	33.86 -4.94 0.11	32.90 -4.89 0.38	32.64 -4.55 0.11	32.42 -4.64 1.00	31.14 -4.52 1.40	33.75 -4.81 0.53	30.88 -5.63 7.83	30.53 -6.35 10.83	40.49 -6.92 4.64	45.38 -7.12 1.44	42.96 -6.91 3.72	38.56 -6.20 2.22	35.82 -5.40 0.01	34.01 -3.90 0.00
HUNTLEY___64 23558	34.60 -4.50 0.00	32.75 -4.09 0.00	31.32 -3.99 0.00	30.12 -3.88 0.00	30.22 -3.70 0.00	31.83 -3.11 0.00	32.94 -4.24 0.00	32.90 -4.27 0.00	34.90 -4.90 0.00	39.56 -5.29 0.00	33.86 -4.94 0.11	32.90 -4.89 0.38	32.64 -4.55 0.11	32.42 -4.64 1.00	31.14 -4.52 1.40	33.75 -4.81 0.53	30.88 -5.63 7.83	30.53 -6.35 10.83	40.49 -6.92 4.64	45.38 -7.12 1.44	42.96 -6.91 3.72	38.56 -6.20 2.22	35.82 -5.40 0.01	34.01 -3.90 0.00
HUNTLEY___65 23559	34.60 -4.50 0.00	32.75 -4.09 0.00	31.32 -3.99 0.00	30.12 -3.88 0.00	30.22 -3.70 0.00	31.83 -3.11 0.00	32.94 -4.24 0.00	32.90 -4.27 0.00	34.90 -4.90 0.00	39.56 -5.29 0.00	33.86 -4.94 0.11	32.90 -4.89 0.38	32.64 -4.55 0.11	32.42 -4.64 1.00	31.14 -4.52 1.40	33.75 -4.81 0.53	30.88 -5.63 7.83	30.53 -6.35 10.83	40.49 -6.92 4.64	45.38 -7.12 1.44	42.96 -6.91 3.72	38.56 -6.20 2.22	35.82 -5.40 0.01	34.01 -3.90 0.00
HUNTLEY___66 23560	34.60 -4.50 0.00	32.75 -4.09 0.00	31.32 -3.99 0.00	30.12 -3.88 0.00	30.22 -3.70 0.00	31.83 -3.11 0.00	32.94 -4.24 0.00	32.90 -4.27 0.00	34.90 -4.90 0.00	39.56 -5.29 0.00	33.86 -4.94 0.11	32.90 -4.89 0.38	32.64 -4.55 0.11	32.42 -4.64 1.00	31.14 -4.52 1.40	33.75 -4.81 0.53	30.88 -5.63 7.83	30.53 -6.35 10.83	40.49 -6.92 4.64	45.38 -7.12 1.44	42.96 -6.91 3.72	38.56 -6.20 2.22	35.82 -5.40 0.01	34.01 -3.90 0.00
HUNTLEY___67 23561	34.60 -4.50 0.00	32.75 -4.09 0.00	31.32 -3.99 0.00	30.12 -3.88 0.00	30.18 -3.73 0.00	31.76 -3.18 0.00	33.05 -4.13 0.00	33.05 -4.13 0.00	35.06 -4.74 0.00	39.70 -5.16 0.00	33.92 -4.90 0.10	32.95 -4.89 0.33	32.70 -4.51 0.10	32.41 -4.80 0.86	31.20 -4.67 1.20	33.67 -4.96 0.46	31.45 -5.85 7.04	31.43 -6.54 9.74	40.76 -7.13 4.17	45.31 -7.33 1.28	43.07 -7.18 3.34	38.60 -6.39 1.99	35.94 -5.28 0.01	34.08 -3.83 0.00

HUNTLEY___68 23562	34.60 -4.50 0.00	32.75 -4.09 0.00	31.32 -3.99 0.00	30.12 -3.88 0.00	30.18 -3.73 0.00	31.76 -3.18 0.00	33.05 -4.13 0.00	33.05 -4.13 0.00	35.06 -4.74 0.00	39.70 -5.16 0.00	33.92 -4.90 0.10	32.95 -4.89 0.33	32.70 -4.51 0.10	32.41 -4.80 0.86	31.20 -4.67 1.20	33.67 -4.96 0.46	31.45 -5.85 7.04	31.43 -6.54 9.74	40.76 -7.13 4.17	45.31 -7.33 1.28	43.07 -7.18 3.34	38.60 -6.39 1.99	35.94 -5.28 0.01	34.08 -3.83 0.00
HYLAND___LFGE 323620	38.79 -0.31 0.00	36.55 -0.30 0.00	34.78 -0.53 0.00	33.65 -0.34 0.00	33.61 -0.31 0.00	35.15 0.21 0.00	37.33 0.15 0.00	36.84 -0.34 0.00	38.80 -0.99 0.00	43.38 -1.48 0.00	36.92 -1.98 0.01	35.72 -2.40 0.05	34.83 -2.46 0.01	35.27 -2.67 0.13	34.49 -2.41 0.18	36.72 -2.31 0.07	40.25 -2.17 1.92	43.32 -1.72 2.67	50.05 -0.89 1.12	53.45 -0.16 0.32	52.97 0.22 0.85	46.34 -0.14 0.49	41.02 -0.21 0.00	38.21 0.30 0.00
INDECK___CORINTH 23802	40.67 1.57 0.00	38.28 1.44 0.00	36.82 1.52 0.00	35.49 1.49 0.00	35.44 1.53 0.00	36.54 1.61 0.00	39.04 1.86 0.00	38.77 1.60 0.00	41.51 1.71 0.00	46.83 1.97 0.00	40.63 1.71 0.00	39.77 1.60 0.00	38.80 1.49 0.00	39.51 1.45 0.00	38.37 1.30 0.00	40.46 1.37 0.00	46.03 1.68 0.00	49.86 2.15 0.00	54.50 2.45 0.00	56.57 2.64 0.00	56.07 2.47 0.00	49.09 2.12 0.00	42.96 1.73 0.00	39.39 1.48 0.00
INDECK___ILION 23567	39.26 0.16 0.00	36.92 0.07 0.00	35.34 0.04 0.00	34.03 0.03 0.00	33.95 0.03 0.00	34.97 0.03 0.00	37.29 0.11 0.00	37.28 0.11 0.00	40.00 0.20 0.00	45.13 0.27 0.00	39.19 0.27 0.00	38.43 0.27 0.00	37.57 0.26 0.00	38.29 0.23 0.00	37.33 0.26 0.00	39.36 0.27 0.00	44.65 0.31 0.00	48.04 0.33 0.00	52.47 0.42 0.00	54.36 0.43 0.00	53.97 0.38 0.00	47.31 0.33 0.00	41.48 0.25 0.00	38.06 0.15 0.00
INDECK___OLEAN 23982	35.78 -3.32 0.00	33.89 -2.95 0.00	32.37 -2.93 0.00	31.17 -2.82 0.00	31.13 -2.78 0.00	32.70 -2.24 0.00	34.76 -2.42 0.00	34.53 -2.64 0.00	36.58 -3.22 0.00	41.31 -3.54 0.00	35.45 -3.39 0.08	33.81 -4.08 0.27	34.06 -3.17 0.08	32.67 -4.68 0.71	31.44 -4.64 1.00	33.71 -5.00 0.38	32.00 -6.25 6.09	32.75 -6.53 8.43	41.22 -7.23 3.60	45.44 -7.39 1.10	43.33 -7.40 2.87	38.84 -6.43 1.70	37.76 -3.46 0.01	35.56 -2.35 0.00
INDECK___OSWEGO 23783	38.28 -0.82 0.00	36.11 -0.74 0.00	34.53 -0.78 0.00	33.25 -0.75 0.00	33.17 -0.75 0.00	34.20 -0.74 0.00	36.40 -0.78 0.00	36.39 -0.78 0.00	38.96 -0.84 0.00	43.91 -0.94 0.00	38.06 -0.86 0.00	37.25 -0.92 0.00	36.45 -0.86 0.00	37.15 -0.91 0.00	36.22 -0.85 0.00	38.19 -0.90 0.00	43.37 -0.98 0.00	46.70 -1.00 0.00	51.01 -1.04 0.00	52.96 -0.97 0.00	52.58 -1.02 0.00	45.99 -0.99 0.00	40.32 -0.91 0.00	37.11 -0.80 0.00
INDECK___YERKES 23781	34.60 -4.50 0.00	32.75 -4.09 0.00	31.35 -3.95 0.00	30.19 -3.81 0.00	30.22 -3.70 0.00	31.83 -3.11 0.00	33.50 -3.68 0.00	32.90 -4.27 0.00	34.94 -4.86 0.00	39.61 -5.25 0.00	33.97 -4.83 0.11	32.90 -4.89 0.38	32.64 -4.55 0.11	32.41 -4.64 1.00	31.14 -4.52 1.40	33.75 -4.81 0.53	30.92 -5.59 7.83	30.53 -6.35 10.83	40.49 -6.92 4.64	45.43 -7.06 1.44	43.01 -6.86 3.72	38.61 -6.15 2.22	35.82 -5.40 0.01	34.01 -3.90 0.00
INDIAN POINT_GT_1 24139	40.23 1.13 0.00	37.99 1.14 0.00	36.43 1.13 0.00	35.01 1.02 0.00	34.93 1.02 0.00	36.02 1.08 0.00	38.44 1.26 0.00	38.51 1.34 0.00	41.31 1.51 0.00	46.61 1.75 0.00	40.59 1.67 0.00	39.77 1.60 0.00	38.87 1.57 0.00	39.74 1.67 0.00	38.74 1.67 0.00	40.85 1.76 0.00	46.34 2.00 0.00	49.81 2.10 0.00	54.19 2.13 0.00	56.41 2.48 0.00	56.12 2.52 0.00	48.95 1.97 0.00	42.92 1.69 0.00	39.24 1.33 0.00
INDIAN POINT_GT_2 23659	40.23 1.13 0.00	37.99 1.14 0.00	36.43 1.13 0.00	35.01 1.02 0.00	34.93 1.02 0.00	36.02 1.08 0.00	38.44 1.26 0.00	38.51 1.34 0.00	41.31 1.51 0.00	46.61 1.75 0.00	40.59 1.67 0.00	39.77 1.60 0.00	38.87 1.57 0.00	39.74 1.67 0.00	38.74 1.67 0.00	40.85 1.76 0.00	46.34 2.00 0.00	49.81 2.10 0.00	54.19 2.13 0.00	56.41 2.48 0.00	56.12 2.52 0.00	48.95 1.97 0.00	42.92 1.69 0.00	39.24 1.33 0.00
INDIAN POINT_GT_3 24019	40.23 1.13 0.00	37.99 1.14 0.00	36.43 1.13 0.00	35.01 1.02 0.00	34.93 1.02 0.00	36.02 1.08 0.00	38.44 1.26 0.00	38.51 1.34 0.00	41.31 1.51 0.00	46.61 1.75 0.00	40.59 1.67 0.00	39.77 1.60 0.00	38.87 1.57 0.00	39.74 1.67 0.00	38.74 1.67 0.00	40.85 1.76 0.00	46.34 2.00 0.00	49.81 2.10 0.00	54.19 2.13 0.00	56.41 2.48 0.00	56.12 2.52 0.00	48.95 1.97 0.00	42.92 1.69 0.00	39.24 1.33 0.00
INDIAN POINT___2 23530	40.11 1.01 0.00	37.95 1.10 0.00	36.36 1.06 0.00	34.98 0.99 0.00	34.86 0.95 0.00	35.91 0.98 0.00	38.22 1.04 0.00	38.44 1.26 0.00	41.23 1.43 0.00	46.52 1.66 0.00	40.47 1.56 0.00	39.65 1.49 0.00	38.80 1.49 0.00	39.66 1.60 0.00	38.67 1.59 0.00	40.77 1.68 0.00	46.25 1.91 0.00	49.66 1.96 0.00	54.08 2.03 0.00	56.30 2.37 0.00	56.01 2.41 0.00	48.86 1.88 0.00	42.84 1.61 0.00	39.16 1.25 0.00
INDIAN POINT___3 23531	40.16 1.06 0.00	37.95 1.11 0.00	36.36 1.06 0.00	34.98 0.99 0.00	34.90 0.98 0.00	35.95 1.01 0.00	38.37 1.19 0.00	38.44 1.26 0.00	41.23 1.43 0.00	46.52 1.66 0.00	40.51 1.60 0.00	39.69 1.53 0.00	38.80 1.49 0.00	39.66 1.60 0.00	38.67 1.59 0.00	40.77 1.68 0.00	46.25 1.91 0.00	49.71 2.00 0.00	54.09 2.03 0.00	56.30 2.37 0.00	56.01 2.41 0.00	48.86 1.88 0.00	42.84 1.61 0.00	39.16 1.25 0.00
INGHAM_C_115KV_TB7 356103	39.37 0.27 0.00	36.95 0.11 0.00	35.30 0.00 0.00	33.99 0.00 0.00	33.92 0.00 0.00	34.97 0.03 0.00	37.29 0.11 0.00	37.36 0.19 0.00	40.12 0.32 0.00	45.26 0.40 0.00	39.31 0.39 0.00	38.55 0.38 0.00	37.68 0.37 0.00	38.44 0.38 0.00	37.48 0.41 0.00	39.48 0.39 0.00	44.78 0.44 0.00	48.23 0.52 0.00	52.68 0.62 0.00	54.63 0.70 0.00	54.24 0.64 0.00	47.49 0.52 0.00	41.60 0.37 0.00	38.22 0.30 0.00
IP CORINTH___1 23988	40.66 1.56 0.00	38.28 1.44 0.00	36.82 1.52 0.00	35.49 1.50 0.00	35.44 1.53 0.00	36.54 1.61 0.00	39.08 1.90 0.00	38.77 1.60 0.00	41.51 1.71 0.00	46.83 1.97 0.00	40.63 1.71 0.00	39.77 1.60 0.00	38.80 1.49 0.00	39.51 1.45 0.00	38.37 1.30 0.00	40.46 1.37 0.00	46.03 1.68 0.00	49.85 2.15 0.00	54.50 2.45 0.00	56.57 2.64 0.00	56.06 2.47 0.00	49.09 2.11 0.00	42.96 1.73 0.00	39.39 1.48 0.00
IP___TICONDEROGA 23804	40.94 1.84 0.00	38.50 1.66 0.00	37.07 1.77 0.00	35.69 1.70 0.00	35.68 1.76 0.00	36.86 1.92 0.00	39.45 2.27 0.00	39.07 1.90 0.00	41.75 1.95 0.00	47.10 2.24 0.00	40.82 1.91 0.00	39.85 1.68 0.00	38.87 1.57 0.00	39.55 1.48 0.00	38.37 1.30 0.00	40.50 1.41 0.00	46.25 1.91 0.00	50.28 2.58 0.00	55.13 3.07 0.00	57.38 3.45 0.00	56.76 3.16 0.00	49.70 2.72 0.00	43.46 2.23 0.00	39.69 1.78 0.00

ISLIP_RES_REC 323679	41.17 2.07 0.00	38.91 2.06 0.00	37.35 2.05 0.00	35.83 1.83 0.00	35.68 1.76 0.00	36.82 1.89 0.00	38.59 1.41 0.00	39.14 1.97 0.00	42.15 2.35 0.00	47.68 2.83 0.00	42.19 3.27 -0.01	41.31 3.13 -0.01	40.34 3.02 -0.01	41.23 3.16 -0.01	40.16 3.08 -0.01	42.42 3.32 -0.01	48.16 3.81 -0.01	50.81 3.10 0.00	55.39 3.33 0.00	57.39 3.45 0.00	57.56 3.97 0.00	50.27 3.29 0.00	44.61 3.38 0.00	40.79 2.88 0.00
JAMAICA__27_KV_LOAD 355505	40.19 1.09 0.00	37.95 1.11 0.00	36.33 1.02 0.00	34.95 0.95 0.00	34.83 0.92 0.00	35.98 1.05 0.00	38.56 1.38 0.00	38.77 1.60 0.00	41.75 1.95 0.00	47.23 2.38 0.00	41.10 2.18 0.00	40.27 2.10 0.00	39.40 2.09 0.00	40.35 2.28 0.00	39.33 2.26 0.00	41.48 2.38 0.00	47.05 2.70 0.00	50.57 2.86 0.00	54.92 2.86 0.00	57.17 3.24 0.00	57.03 3.43 0.00	49.56 2.58 0.00	43.33 2.10 0.00	39.43 1.52 0.00
JANIS__SOLAR 323808	40.16 1.06 0.00	37.80 0.96 0.00	36.05 0.74 0.00	34.74 0.75 0.00	34.59 0.68 0.00	35.74 0.80 0.00	38.14 0.97 0.00	38.14 0.96 0.00	40.75 0.95 0.00	45.80 0.94 0.00	39.46 0.54 0.00	38.40 0.23 0.00	37.49 0.19 0.00	38.06 0.00 0.00	37.18 0.11 0.00	39.40 0.31 0.00	46.75 0.67 -1.74	51.28 1.14 -2.43	54.73 1.67 -1.01	56.13 1.94 -0.26	55.47 1.87 0.00	48.34 1.36 0.00	42.47 1.24 0.00	39.05 1.14 0.00
JARVIS____ 23743	39.10 0.00 0.00	36.84 0.00 0.00	35.34 0.04 0.00	34.03 0.03 0.00	33.95 0.03 0.00	34.97 0.03 0.00	37.22 0.04 0.00	37.21 0.04 0.00	39.84 0.04 0.00	44.90 0.04 0.00	38.96 0.04 0.00	38.21 0.04 0.00	37.34 0.04 0.00	38.10 0.04 0.00	37.11 0.04 0.00	39.13 0.04 0.00	44.39 0.04 0.00	47.80 0.10 0.00	52.16 0.10 0.00	54.09 0.16 0.00	53.71 0.11 0.00	47.07 0.09 0.00	41.27 0.04 0.00	37.91 0.00 0.00
JENNISON__1 23625	40.04 0.94 0.00	37.69 0.85 0.00	35.98 0.67 0.00	34.67 0.68 0.00	34.53 0.61 0.00	35.63 0.70 0.00	38.00 0.82 0.00	38.06 0.89 0.00	40.83 1.03 0.00	46.07 1.21 0.00	39.97 1.05 0.00	39.01 0.84 0.00	38.20 0.90 0.00	38.79 0.72 0.00	37.96 0.89 0.00	40.11 1.02 0.00	45.89 1.24 -0.30	49.66 1.53 -0.42	54.00 1.77 -0.18	55.92 1.94 -0.05	55.55 1.77 -0.18	48.35 1.27 -0.10	42.43 1.27 0.00	38.94 1.02 0.00
JENNISON__2 23626	40.04 0.94 0.00	37.69 0.85 0.00	35.98 0.67 0.00	34.67 0.68 0.00	34.53 0.61 0.00	35.63 0.70 0.00	38.00 0.82 0.00	38.06 0.89 0.00	40.83 1.03 0.00	46.07 1.21 0.00	39.97 1.05 0.00	39.01 0.84 0.00	38.20 0.90 0.00	38.79 0.72 0.00	37.96 0.89 0.00	40.11 1.02 0.00	45.89 1.24 -0.30	49.66 1.53 -0.42	54.00 1.77 -0.18	55.92 1.94 -0.05	55.55 1.77 -0.18	48.35 1.27 -0.10	42.43 1.27 0.00	38.94 1.02 0.00
JERICHO_RISE_WT_PWR 323719	39.57 0.47 0.00	37.03 0.19 0.00	35.27 -0.04 0.00	33.79 -0.20 0.00	33.68 -0.24 0.00	34.52 -0.42 0.00	36.77 -0.41 0.00	36.84 -0.34 0.00	39.52 -0.28 0.00	44.81 -0.04 0.00	38.88 -0.04 0.00	38.24 0.08 0.00	37.34 0.04 0.00	38.18 0.11 0.00	37.15 0.07 0.00	39.29 0.20 0.00	44.43 0.09 0.00	47.57 -0.14 0.00	51.80 -0.26 0.00	53.56 -0.37 0.00	53.28 -0.32 0.00	47.12 0.14 0.00	41.56 0.33 0.00	38.10 0.19 0.00
KATONAH__115KV_46KV_TB4 355592	40.47 1.37 0.00	38.21 1.36 0.00	36.61 1.31 0.00	35.22 1.22 0.00	35.14 1.22 0.00	36.23 1.29 0.00	38.63 1.45 0.00	38.77 1.60 0.00	41.59 1.79 0.00	46.97 2.11 0.00	40.86 1.95 0.00	40.00 1.83 0.00	39.10 1.79 0.00	40.00 1.94 0.00	38.96 1.89 0.00	41.12 2.03 0.00	46.60 2.26 0.00	50.09 2.39 0.00	54.50 2.45 0.00	56.79 2.86 0.00	56.44 2.84 0.00	49.19 2.21 0.00	43.13 1.90 0.00	39.43 1.52 0.00
KCE_NY_1 323755	40.55 1.45 0.00	38.24 1.40 0.00	36.75 1.45 0.00	35.42 1.43 0.00	35.37 1.46 0.00	36.47 1.54 0.00	38.89 1.71 0.00	38.73 1.56 0.00	41.43 1.63 0.00	46.65 1.80 0.00	40.51 1.60 0.00	39.70 1.53 0.00	38.76 1.45 0.00	39.47 1.41 0.00	38.37 1.30 0.00	40.42 1.33 0.00	45.94 1.59 0.00	49.71 2.00 0.00	54.34 2.29 0.00	56.36 2.43 0.00	55.90 2.30 0.00	48.95 1.97 0.00	42.88 1.65 0.00	39.28 1.36 0.00
KCE_NY_6_ESR 323823	34.95 -4.15 0.00	33.09 -3.76 0.00	31.63 -3.67 0.00	30.43 -3.57 0.00	30.46 -3.46 0.00	32.07 -2.86 0.00	33.98 -3.20 0.00	33.46 -3.72 0.00	35.50 -4.30 0.00	40.24 -4.62 0.00	34.54 -4.28 0.10	33.34 -4.50 0.33	33.18 -4.03 0.10	32.59 -4.61 0.86	31.38 -4.49 1.21	33.90 -4.73 0.46	31.70 -5.72 6.92	31.83 -6.30 9.58	41.04 -6.92 4.10	45.61 -7.06 1.26	43.40 -6.91 3.29	38.82 -6.20 1.96	36.56 -4.66 0.01	34.58 -3.34 0.00
KEDC_PORT_JEFF_GT2 24210	41.02 1.92 0.00	38.76 1.91 0.00	37.21 1.91 0.00	35.69 1.70 0.00	35.54 1.63 0.00	36.68 1.75 0.00	38.48 1.30 0.00	39.03 1.86 0.00	41.99 2.19 0.00	47.50 2.65 0.00	42.00 3.07 -0.01	41.15 2.98 -0.01	40.19 2.87 -0.01	41.08 3.01 -0.01	40.01 2.93 -0.01	42.26 3.16 -0.01	47.94 3.59 -0.01	50.57 2.86 0.00	55.07 3.02 0.00	57.06 3.13 0.00	57.19 3.59 0.00	49.99 3.01 0.00	44.40 3.17 0.00	40.57 2.65 0.00
KEDC_PORT_JEFF_GT3 24211	41.02 1.92 0.00	38.76 1.91 0.00	37.21 1.91 0.00	35.69 1.70 0.00	35.54 1.63 0.00	36.68 1.75 0.00	38.48 1.30 0.00	39.03 1.86 0.00	41.99 2.19 0.00	47.50 2.65 0.00	42.00 3.07 -0.01	41.15 2.98 -0.01	40.19 2.87 -0.01	41.08 3.01 -0.01	40.01 2.93 -0.01	42.26 3.16 -0.01	47.94 3.59 -0.01	50.57 2.86 0.00	55.07 3.02 0.00	57.06 3.13 0.00	57.19 3.59 0.00	49.99 3.01 0.00	44.40 3.17 0.00	40.57 2.65 0.00
KEDC_GLWD_GT4 24219	40.74 1.64 0.00	38.46 1.62 0.00	36.89 1.59 0.00	35.46 1.46 0.00	35.34 1.42 0.00	36.44 1.50 0.00	38.52 1.34 0.00	38.88 1.71 0.00	41.83 2.03 0.00	47.28 2.42 0.00	41.30 2.37 -0.01	40.51 2.33 -0.01	39.64 2.31 -0.01	40.48 2.40 -0.01	39.46 2.37 -0.01	41.61 2.50 -0.01	47.15 2.80 -0.01	50.28 2.57 0.00	54.71 2.65 0.00	56.90 2.96 0.00	56.76 3.16 0.00	49.51 2.54 0.00	43.66 2.43 0.00	39.92 2.01 0.00
KEDC_GLWD_GTS 24220	40.74 1.64 0.00	38.46 1.62 0.00	36.89 1.59 0.00	35.46 1.46 0.00	35.34 1.42 0.00	36.44 1.50 0.00	38.52 1.34 0.00	38.88 1.71 0.00	41.83 2.03 0.00	47.28 2.42 0.00	41.30 2.37 -0.01	40.51 2.33 -0.01	39.64 2.31 -0.01	40.48 2.40 -0.01	39.46 2.37 -0.01	41.61 2.50 -0.01	47.15 2.80 -0.01	50.28 2.57 0.00	54.71 2.65 0.00	56.90 2.96 0.00	56.76 3.16 0.00	49.51 2.54 0.00	43.66 2.43 0.00	39.92 2.01 0.00
KENSICO____ 23655	40.27 1.17 0.00	38.06 1.22 0.00	36.47 1.17 0.00	35.08 1.09 0.00	35.00 1.12 0.00	36.05 1.12 0.00	38.52 1.34 0.00	38.59 1.41 0.00	41.43 1.63 0.00	46.74 1.88 0.00	40.71 1.79 0.00	39.88 1.72 0.00	39.02 1.72 0.00	39.85 1.79 0.00	38.85 1.78 0.00	40.97 1.88 0.00	46.47 2.13 0.00	49.95 2.24 0.00	54.29 2.24 0.00	56.52 2.59 0.00	56.22 2.63 0.00	49.09 2.11 0.00	43.04 1.81 0.00	39.32 1.40 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.43 1.33 0.00	38.17 1.33 0.00	36.54 1.24 0.00	35.15 1.16 0.00	35.07 1.15 0.00	36.12 1.19 0.00	38.63 1.45 0.00	38.44 1.26 0.00	41.27 1.47 0.00	46.52 1.66 0.00	40.32 1.40 0.00	39.43 1.26 0.00	38.58 1.27 0.00	39.39 1.33 0.00	38.44 1.37 0.00	40.62 1.52 0.00	46.29 1.95 0.00	49.90 2.19 0.00	54.40 2.34 0.00	56.63 2.70 0.00	56.33 2.73 0.00	49.09 2.11 0.00	42.96 1.73 0.00	39.28 1.36 0.00
KIAC_JFK_GT1 23816	40.04 0.94 0.00	37.76 0.92 0.00	36.15 0.85 0.00	34.78 0.78 0.00	34.70 0.78 0.00	35.81 0.87 0.00	38.37 1.19 0.00	38.59 1.41 0.00	41.55 1.75 0.00	47.01 2.15 0.00	40.90 1.98 0.00	40.08 1.91 0.00	39.21 1.90 0.00	40.16 2.09 0.00	39.15 2.08 0.00	41.28 2.19 0.00	46.82 2.48 0.00	50.33 2.62 0.00	54.61 2.55 0.00	56.90 2.97 0.00	56.71 3.11 0.00	49.33 2.35 0.00	43.13 1.90 0.00	39.24 1.33 0.00
KIAC_JFK_GT2 23817	40.04 0.94 0.00	37.76 0.92 0.00	36.15 0.85 0.00	34.78 0.78 0.00	34.70 0.78 0.00	35.81 0.87 0.00	38.37 1.19 0.00	38.59 1.41 0.00	41.55 1.75 0.00	47.01 2.15 0.00	40.90 1.98 0.00	40.08 1.91 0.00	39.21 1.90 0.00	40.16 2.09 0.00	39.15 2.08 0.00	41.28 2.19 0.00	46.82 2.48 0.00	50.33 2.62 0.00	54.61 2.55 0.00	56.90 2.97 0.00	56.71 3.11 0.00	49.33 2.35 0.00	43.13 1.90 0.00	39.24 1.33 0.00
KIAC_JFK____ 323774	40.04 0.94 0.00	37.77 0.92 0.00	36.19 0.88 0.00	34.81 0.81 0.00	34.70 0.78 0.00	35.81 0.87 0.00	38.22 1.04 0.00	38.58 1.41 0.00	41.55 1.75 0.00	47.01 2.15 0.00	40.86 1.94 0.00	40.07 1.91 0.00	39.21 1.90 0.00	40.15 2.09 0.00	39.15 2.07 0.00	41.28 2.19 0.00	46.82 2.48 0.00	50.33 2.62 0.00	54.61 2.55 0.00	56.90 2.96 0.00	56.71 3.11 0.00	49.33 2.35 0.00	43.13 1.90 0.00	39.24 1.33 0.00
KINTIGH_24_KV_GSU 356498	34.84 -4.26 0.00	32.98 -3.87 0.00	31.53 -3.78 0.00	30.39 -3.60 0.00	30.42 -3.49 0.00	31.90 -3.04 0.00	33.76 -3.42 0.00	33.27 -3.90 0.00	35.34 -4.46 0.00	39.97 -4.89 0.00	34.31 -4.67 0.09	33.38 -4.47 0.32	32.89 -4.33 0.09	33.01 -4.23 0.83	31.84 -4.08 1.15	34.39 -4.26 0.44	32.68 -4.92 6.73	32.81 -5.58 9.31	42.09 -5.98 3.99	46.55 -6.15 1.23	44.44 -5.95 3.20	39.62 -5.45 1.91	36.15 -5.07 0.01	34.16 -3.75 0.00
KINTIGH____ 23543	34.84 -4.26 0.00	32.98 -3.87 0.00	31.53 -3.78 0.00	30.36 -3.64 0.00	30.42 -3.49 0.00	31.90 -3.04 0.00	33.28 -3.90 0.00	33.27 -3.90 0.00	35.34 -4.46 0.00	39.97 -4.89 0.00	34.15 -4.67 0.09	33.42 -4.43 0.32	32.89 -4.33 0.09	33.01 -4.23 0.83	31.84 -4.08 1.15	34.39 -4.26 0.44	32.68 -4.92 6.73	32.81 -5.58 9.31	42.03 -6.04 3.99	46.50 -6.20 1.23	44.39 -6.00 3.20	39.62 -5.45 1.91	36.15 -5.07 0.01	34.16 -3.75 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	40.23 1.13 0.00	37.62 0.77 0.00	35.76 0.46 0.00	34.30 0.31 0.00	34.22 0.31 0.00	35.04 0.10 0.00	37.37 0.19 0.00	37.47 0.30 0.00	40.20 0.40 0.00	45.62 0.76 0.00	39.54 0.62 0.00	38.89 0.73 0.00	37.90 0.60 0.00	38.79 0.72 0.00	37.70 0.63 0.00	39.91 0.82 0.00	45.14 0.80 0.00	48.33 0.62 0.00	52.63 0.57 0.00	54.42 0.49 0.00	54.24 0.64 0.00	47.96 0.99 0.00	42.30 1.07 0.00	38.75 0.83 0.00
LACHUTE__HYDRO 323717	40.94 1.84 0.00	38.50 1.66 0.00	37.07 1.76 0.00	35.73 1.73 0.00	35.68 1.76 0.00	36.86 1.92 0.00	39.41 2.23 0.00	39.07 1.89 0.00	41.75 1.95 0.00	47.10 2.24 0.00	40.82 1.91 0.00	39.84 1.68 0.00	38.87 1.57 0.00	39.54 1.48 0.00	38.37 1.30 0.00	40.50 1.41 0.00	46.25 1.91 0.00	50.28 2.57 0.00	55.18 3.12 0.00	57.39 3.45 0.00	56.81 3.22 0.00	49.70 2.72 0.00	43.45 2.22 0.00	39.69 1.78 0.00
LAWRNCV_115KV_TB1 80681	38.98 -0.12 0.00	36.44 -0.41 0.00	34.70 -0.60 0.00	33.31 -0.68 0.00	33.24 -0.68 0.00	34.03 -0.91 0.00	36.29 -0.89 0.00	36.32 -0.85 0.00	38.96 -0.84 0.00	44.14 -0.72 0.00	38.18 -0.74 0.00	37.52 -0.65 0.00	36.52 -0.78 0.00	37.41 -0.65 0.00	36.41 -0.67 0.00	38.54 -0.55 0.00	43.63 -0.71 0.00	46.80 -0.91 0.00	51.01 -1.04 0.00	52.80 -1.13 0.00	52.58 -1.02 0.00	46.56 -0.42 0.00	41.02 -0.21 0.00	37.53 -0.38 0.00
LEDERLE____ 23769	40.27 1.17 0.00	38.06 1.22 0.00	36.47 1.17 0.00	35.05 1.05 0.00	34.97 1.05 0.00	36.05 1.12 0.00	38.52 1.34 0.00	38.51 1.34 0.00	41.31 1.51 0.00	46.61 1.75 0.00	40.55 1.63 0.00	39.69 1.53 0.00	38.84 1.53 0.00	39.70 1.64 0.00	38.70 1.63 0.00	40.85 1.76 0.00	46.38 2.04 0.00	49.85 2.15 0.00	54.29 2.24 0.00	56.47 2.53 0.00	56.22 2.63 0.00	49.00 2.02 0.00	42.96 1.73 0.00	39.28 1.36 0.00
LIGHTHSE_115KV_TB6 355974	38.79 -0.31 0.00	36.48 -0.37 0.00	34.77 -0.53 0.00	33.42 -0.58 0.00	33.24 -0.68 0.00	34.20 -0.73 0.00	36.44 -0.74 0.00	36.43 -0.74 0.00	39.04 -0.76 0.00	43.96 -0.90 0.00	38.06 -0.86 0.00	37.17 -0.99 0.00	36.30 -1.01 0.00	37.00 -1.07 0.00	36.15 -0.93 0.00	38.19 -0.90 0.00	43.54 -0.80 0.00	47.09 -0.62 0.00	51.64 -0.42 0.00	53.77 -0.16 0.00	53.28 -0.32 0.00	46.60 -0.38 0.00	40.82 -0.41 0.00	37.38 -0.53 0.00
LINDEN COGEN____ 23786	40.23 1.13 0.01	37.98 1.14 0.01	36.39 1.10 0.01	35.01 1.02 0.01	34.89 0.98 0.01	35.94 1.01 0.01	38.25 1.08 0.01	38.50 1.34 0.01	41.38 1.59 0.01	46.73 1.88 0.01	40.70 1.79 0.01	39.92 1.76 0.01	39.02 1.72 0.01	39.92 1.86 0.01	38.92 1.85 0.01	41.04 1.95 0.01	46.51 2.17 0.01	49.99 2.29 0.01	53.38 2.19 0.86	54.33 2.48 2.09	54.33 2.63 1.90	49.09 2.12 0.01	43.03 1.81 0.01	39.27 1.36 0.01
LINDHRST_69_KV_BK1 356055	41.05 1.95 0.00	38.76 1.92 0.00	37.14 1.84 0.00	35.66 1.67 0.00	35.58 1.66 0.00	36.72 1.78 0.00	38.82 1.64 0.00	39.07 1.90 0.00	42.07 2.27 0.00	47.59 2.74 0.00	41.88 2.96 -0.01	41.00 2.82 -0.01	40.08 2.76 -0.01	40.93 2.85 -0.01	39.90 2.82 -0.01	42.11 3.01 -0.01	47.72 3.37 -0.01	50.62 2.91 0.00	54.97 2.92 0.00	57.17 3.24 0.00	57.03 3.43 0.00	49.89 2.91 0.00	44.28 3.05 0.00	40.49 2.58 0.00
LIPA_MISC_IPP 23656	40.86 1.76 0.00	38.65 1.81 0.00	37.03 1.73 0.00	35.56 1.56 0.00	35.48 1.56 0.00	36.58 1.64 0.00	38.63 1.45 0.00	38.88 1.71 0.00	41.79 1.99 0.00	47.23 2.38 0.00	42.00 3.07 -0.01	41.08 2.90 -0.01	40.15 2.84 -0.01	41.04 2.97 -0.01	39.97 2.89 -0.01	42.19 3.09 -0.01	47.90 3.55 -0.01	50.71 3.01 0.00	55.13 3.07 0.00	57.11 3.18 0.00	57.08 3.48 0.00	49.94 2.96 0.00	44.36 3.13 0.00	40.57 2.65 0.00
LISF__SOLAR 323691	40.94 1.84 0.00	38.69 1.84 0.00	37.17 1.87 0.00	35.66 1.67 0.00	35.51 1.59 0.00	36.65 1.71 0.00	38.37 1.19 0.00	38.92 1.75 0.00	41.83 2.03 0.00	47.32 2.47 0.00	42.04 3.11 -0.01	41.15 2.98 -0.01	40.19 2.87 -0.01	41.08 3.01 -0.01	40.01 2.93 -0.01	42.26 3.16 -0.01	47.99 3.64 -0.01	50.62 2.91 0.00	55.23 3.18 0.00	57.06 3.13 0.00	57.29 3.70 0.00	50.03 3.05 0.00	44.45 3.22 0.00	40.64 2.73 0.00

LITTLE FALLS___HYD 24013	39.37 0.27 0.00	36.95 0.11 0.00	35.30 0.00 0.00	33.99 0.00 0.00	33.92 0.00 0.00	34.97 0.03 0.00	37.29 0.11 0.00	37.36 0.19 0.00	40.12 0.32 0.00	45.26 0.40 0.00	39.31 0.39 0.00	38.55 0.38 0.00	37.68 0.37 0.00	38.44 0.38 0.00	37.48 0.41 0.00	39.48 0.39 0.00	44.78 0.44 0.00	48.23 0.52 0.00	52.68 0.62 0.00	54.63 0.70 0.00	54.24 0.64 0.00	47.49 0.52 0.00	41.60 0.37 0.00	38.22 0.30 0.00
LITTLRIV_115KV_TB1 356100	39.41 0.31 0.00	36.84 0.00 0.00	35.06 -0.25 0.00	33.65 -0.34 0.00	33.58 -0.34 0.00	34.38 -0.56 0.00	36.66 -0.52 0.00	36.65 -0.52 0.00	39.28 -0.52 0.00	44.41 -0.45 0.00	38.37 -0.54 0.00	37.63 -0.53 0.00	36.64 -0.67 0.00	37.53 -0.53 0.00	36.52 -0.56 0.00	38.66 -0.43 0.00	43.85 -0.49 0.00	47.09 -0.62 0.00	51.54 -0.52 0.00	53.39 -0.54 0.00	53.17 -0.43 0.00	47.07 0.09 0.00	41.48 0.25 0.00	37.91 0.00 0.00
LI_NEWBRDGE___DRP 323616	40.51 1.41 0.00	38.24 1.40 0.00	36.65 1.34 0.00	35.22 1.22 0.00	35.14 1.22 0.00	36.23 1.29 0.00	38.41 1.23 0.00	38.59 1.41 0.00	41.55 1.75 0.00	46.97 2.11 0.00	41.22 2.30 -0.01	40.39 2.21 -0.01	39.48 2.16 -0.01	40.32 2.25 -0.01	39.31 2.22 -0.01	41.44 2.35 -0.01	46.97 2.62 -0.01	49.90 2.19 0.00	54.14 2.08 0.00	56.30 2.37 0.00	56.12 2.52 0.00	49.14 2.16 0.00	43.58 2.35 0.00	39.81 1.90 0.00
LOCKPORT_115KV_TB60_63_64 80432	34.25 -4.85 0.00	32.53 -4.31 0.00	31.10 -4.20 0.00	29.92 -4.08 0.00	30.01 -3.90 0.00	31.58 -3.35 0.00	32.72 -4.46 0.00	32.71 -4.46 0.00	34.70 -5.09 0.00	39.29 -5.56 0.00	33.79 -4.98 0.14	32.97 -4.73 0.46	32.65 -4.51 0.14	32.18 -4.64 1.23	30.82 -4.52 1.73	33.71 -4.73 0.65	29.63 -5.54 9.17	28.78 -6.25 12.68	39.80 -6.82 5.44	45.23 -7.01 1.69	42.43 -6.81 4.36	38.26 -6.11 2.61	35.53 -5.69 0.01	33.70 -4.21 0.00
LOCKPORT___CC1 323769	34.25 -4.85 0.00	32.53 -4.31 0.00	31.10 -4.20 0.00	29.98 -4.01 0.00	30.02 -3.90 0.00	31.58 -3.35 0.00	33.31 -3.87 0.00	32.71 -4.46 0.00	34.70 -5.09 0.00	39.34 -5.52 0.00	33.76 -5.02 0.14	32.91 -4.81 0.44	32.58 -4.59 0.14	32.16 -4.72 1.18	30.82 -4.60 1.66	33.65 -4.81 0.63	29.79 -5.68 8.88	29.09 -6.35 12.27	39.87 -6.92 5.26	45.18 -7.12 1.63	42.46 -6.91 4.22	38.25 -6.20 2.52	35.57 -5.65 0.01	33.74 -4.17 0.00
LOCKPORT___CC2 323770	34.25 -4.85 0.00	32.53 -4.31 0.00	31.10 -4.20 0.00	29.98 -4.01 0.00	30.02 -3.90 0.00	31.58 -3.35 0.00	33.31 -3.87 0.00	32.71 -4.46 0.00	34.70 -5.09 0.00	39.34 -5.52 0.00	33.76 -5.02 0.14	32.91 -4.81 0.44	32.58 -4.59 0.14	32.16 -4.72 1.18	30.82 -4.60 1.66	33.65 -4.81 0.63	29.79 -5.68 8.88	29.09 -6.35 12.27	39.87 -6.92 5.26	45.18 -7.12 1.63	42.46 -6.91 4.22	38.25 -6.20 2.52	35.57 -5.65 0.01	33.74 -4.17 0.00
LOCKPORT___CC3 323771	34.25 -4.85 0.00	32.53 -4.31 0.00	31.10 -4.20 0.00	29.98 -4.01 0.00	30.02 -3.90 0.00	31.58 -3.35 0.00	33.31 -3.87 0.00	32.71 -4.46 0.00	34.70 -5.09 0.00	39.34 -5.52 0.00	33.76 -5.02 0.14	32.91 -4.81 0.44	32.58 -4.59 0.14	32.16 -4.72 1.18	30.82 -4.60 1.66	33.65 -4.81 0.63	29.79 -5.68 8.88	29.09 -6.35 12.27	39.87 -6.92 5.26	45.18 -7.12 1.63	42.46 -6.91 4.22	38.25 -6.20 2.52	35.57 -5.65 0.01	33.74 -4.17 0.00
LOCUSVLY_69_KV_BK2 55797	40.86 1.76 0.00	38.58 1.73 0.00	36.96 1.66 0.00	35.52 1.53 0.00	35.41 1.49 0.00	36.54 1.61 0.00	38.78 1.60 0.00	38.96 1.78 0.00	41.95 2.15 0.00	47.41 2.56 0.00	41.58 2.65 -0.01	40.74 2.56 -0.01	39.82 2.50 -0.01	40.66 2.59 -0.01	39.64 2.56 -0.01	41.80 2.70 -0.01	47.37 3.02 -0.01	50.38 2.67 0.00	54.71 2.65 0.00	56.90 2.97 0.00	56.65 3.06 0.00	49.61 2.63 0.00	43.87 2.64 0.00	40.11 2.20 0.00
LONG LAKE_PHOENIX 24014	38.32 -0.78 0.00	36.14 -0.70 0.00	34.60 -0.71 0.00	33.35 -0.65 0.00	33.24 -0.68 0.00	34.31 -0.63 0.00	36.44 -0.74 0.00	36.50 -0.67 0.00	39.04 -0.76 0.00	44.05 -0.81 0.00	38.18 -0.74 0.00	37.40 -0.76 0.00	36.60 -0.71 0.00	37.30 -0.76 0.00	36.33 -0.74 0.00	38.35 -0.74 0.00	43.50 -0.84 0.00	46.80 -0.91 0.00	51.07 -0.99 0.00	52.96 -0.97 0.00	52.69 -0.91 0.00	46.04 -0.94 0.00	40.36 -0.87 0.00	37.19 -0.72 0.00
LOVETT___3 23632	40.12 1.02 0.00	37.91 1.07 0.00	36.33 1.02 0.00	34.91 0.92 0.00	34.83 0.92 0.00	35.91 0.98 0.00	38.33 1.15 0.00	38.40 1.23 0.00	41.19 1.39 0.00	46.47 1.61 0.00	40.43 1.52 0.00	39.62 1.45 0.00	38.76 1.45 0.00	39.58 1.52 0.00	38.59 1.52 0.00	40.69 1.60 0.00	46.16 1.82 0.00	49.62 1.91 0.00	54.03 1.98 0.00	56.25 2.32 0.00	55.96 2.36 0.00	48.81 1.83 0.00	42.80 1.57 0.00	39.13 1.21 0.00
LOVETT___4 23642	40.12 1.02 0.00	37.91 1.07 0.00	36.33 1.02 0.00	34.91 0.92 0.00	34.83 0.92 0.00	35.91 0.98 0.00	38.33 1.15 0.00	38.40 1.23 0.00	41.19 1.39 0.00	46.47 1.61 0.00	40.43 1.52 0.00	39.62 1.45 0.00	38.76 1.45 0.00	39.58 1.52 0.00	38.59 1.52 0.00	40.69 1.60 0.00	46.16 1.82 0.00	49.62 1.91 0.00	54.03 1.98 0.00	56.25 2.32 0.00	55.96 2.36 0.00	48.81 1.83 0.00	42.80 1.57 0.00	39.13 1.21 0.00
LOVETT___5 23593	40.12 1.02 0.00	37.91 1.07 0.00	36.33 1.02 0.00	34.91 0.92 0.00	34.83 0.92 0.00	35.91 0.98 0.00	38.33 1.15 0.00	38.40 1.23 0.00	41.19 1.39 0.00	46.47 1.61 0.00	40.43 1.52 0.00	39.62 1.45 0.00	38.76 1.45 0.00	39.58 1.52 0.00	38.59 1.52 0.00	40.69 1.60 0.00	46.16 1.82 0.00	49.62 1.91 0.00	54.03 1.98 0.00	56.25 2.32 0.00	55.96 2.36 0.00	48.81 1.83 0.00	42.80 1.57 0.00	39.13 1.21 0.00
LOWER RAQUET___HYD 24057	38.83 -0.27 0.00	36.29 -0.55 0.00	34.53 -0.78 0.00	33.15 -0.85 0.00	33.03 -0.88 0.00	33.82 -1.12 0.00	36.06 -1.11 0.00	36.09 -1.08 0.00	38.73 -1.07 0.00	43.87 -0.99 0.00	37.94 -0.97 0.00	37.29 -0.88 0.00	36.30 -1.01 0.00	37.19 -0.87 0.00	36.18 -0.89 0.00	38.31 -0.78 0.00	43.41 -0.93 0.00	46.56 -1.15 0.00	50.81 -1.25 0.00	52.53 -1.40 0.00	52.20 -1.39 0.00	46.32 -0.66 0.00	40.86 -0.37 0.00	37.34 -0.57 0.00
LOWER___HUDSON 24059	40.08 0.98 0.00	37.84 1.00 0.00	36.40 1.10 0.00	35.08 1.09 0.00	35.00 1.08 0.00	36.09 1.15 0.00	38.48 1.30 0.00	38.36 1.19 0.00	40.99 1.19 0.00	46.07 1.21 0.00	40.00 1.09 0.00	39.27 1.11 0.00	38.32 1.01 0.00	39.01 0.95 0.00	37.93 0.85 0.00	39.87 0.78 0.00	45.32 0.97 0.00	48.95 1.24 0.00	53.62 1.56 0.00	55.55 1.62 0.00	55.10 1.50 0.00	48.29 1.31 0.00	42.30 1.07 0.00	38.75 0.83 0.00
LOWVILLE_115KV_TB2 356335	39.65 0.55 0.00	37.25 0.41 0.00	35.30 0.00 0.00	33.65 -0.34 0.00	33.13 -0.78 0.00	34.03 -0.91 0.00	36.29 -0.89 0.00	36.24 -0.93 0.00	38.88 -0.92 0.00	43.87 -0.99 0.00	38.06 -0.86 0.00	37.25 -0.92 0.00	36.34 -0.97 0.00	37.30 -0.76 0.00	36.44 -0.63 0.00	38.62 -0.47 0.00	44.25 -0.09 0.00	47.80 0.10 0.00	52.52 0.47 0.00	54.63 0.70 0.00	54.03 0.43 0.00	47.40 0.42 0.00	41.60 0.37 0.00	38.06 0.15 0.00

LUTHERFT_115KV_GLOB_FND_222 355753	40.51 1.41 0.00	38.21 1.36 0.00	36.75 1.45 0.00	35.39 1.39 0.00	35.34 1.42 0.00	36.44 1.50 0.00	38.89 1.71 0.00	38.73 1.56 0.00	41.39 1.59 0.00	46.65 1.79 0.00	40.51 1.60 0.00	39.69 1.53 0.00	38.73 1.42 0.00	39.43 1.37 0.00	38.33 1.26 0.00	40.38 1.29 0.00	45.94 1.60 0.00	49.66 1.96 0.00	54.29 2.24 0.00	56.30 2.37 0.00	55.80 2.20 0.00	48.90 1.93 0.00	42.84 1.61 0.00	39.24 1.33 0.00
LUTHERNY_35_KV_BK2 355980	40.55 1.45 0.00	38.24 1.40 0.00	36.79 1.48 0.00	35.42 1.43 0.00	35.37 1.46 0.00	36.47 1.54 0.00	38.93 1.75 0.00	38.73 1.56 0.00	41.43 1.63 0.00	46.65 1.79 0.00	40.55 1.63 0.00	39.69 1.53 0.00	38.76 1.45 0.00	39.47 1.41 0.00	38.33 1.26 0.00	40.42 1.33 0.00	45.94 1.60 0.00	49.71 2.00 0.00	54.35 2.29 0.00	56.36 2.43 0.00	55.85 2.25 0.00	48.95 1.97 0.00	42.88 1.65 0.00	39.28 1.36 0.00
LWR__OSWEGATCHIE_HYD 23850	38.90 -0.20 0.00	36.44 -0.41 0.00	34.63 -0.67 0.00	33.14 -0.85 0.00	32.90 -1.02 0.00	33.71 -1.22 0.00	35.95 -1.23 0.00	35.95 -1.23 0.00	38.56 -1.23 0.00	43.60 -1.26 0.00	37.75 -1.17 0.00	36.98 -1.18 0.00	36.04 -1.27 0.00	36.92 -1.14 0.00	36.03 -1.04 0.00	38.15 -0.94 0.00	43.45 -0.89 0.00	46.80 -0.91 0.00	51.27 -0.78 0.00	53.23 -0.70 0.00	52.85 -0.75 0.00	46.51 -0.47 0.00	40.90 -0.33 0.00	37.38 -0.53 0.00
LYONS_FALL_HYD 23570	39.65 0.55 0.00	37.29 0.44 0.00	35.48 0.18 0.00	33.96 -0.03 0.00	33.61 -0.31 0.00	34.55 -0.38 0.00	36.84 -0.34 0.00	36.80 -0.37 0.00	39.48 -0.32 0.00	44.55 -0.31 0.00	38.65 -0.27 0.00	37.79 -0.38 0.00	36.93 -0.37 0.00	37.76 -0.31 0.00	36.89 -0.18 0.00	39.01 -0.08 0.00	44.56 0.22 0.00	48.09 0.38 0.00	52.68 0.63 0.00	54.74 0.81 0.00	54.19 0.59 0.00	47.50 0.52 0.00	41.68 0.45 0.00	38.18 0.27 0.00
MADISON__COUNTY_LFGE 323628	39.76 0.66 0.00	37.47 0.63 0.00	35.80 0.49 0.00	34.50 0.51 0.00	34.36 0.44 0.00	35.42 0.49 0.00	37.74 0.56 0.00	37.73 0.56 0.00	40.39 0.60 0.00	45.53 0.67 0.00	39.46 0.54 0.00	38.59 0.42 0.00	37.72 0.41 0.00	38.40 0.34 0.00	37.48 0.41 0.00	39.56 0.47 0.00	44.96 0.62 0.00	48.52 0.81 0.00	53.04 0.99 0.00	55.12 1.19 0.00	54.62 1.02 0.00	47.78 0.80 0.00	41.93 0.70 0.00	38.52 0.61 0.00
MALONE__115KV_TB1 356076	39.88 0.78 0.00	37.25 0.41 0.00	35.41 0.11 0.00	33.99 0.00 0.00	33.95 0.03 0.00	34.73 -0.21 0.00	37.07 -0.11 0.00	37.17 0.00 0.00	39.88 0.08 0.00	45.31 0.45 0.00	39.19 0.27 0.00	38.55 0.38 0.00	37.57 0.26 0.00	38.44 0.38 0.00	37.37 0.30 0.00	39.56 0.47 0.00	44.74 0.40 0.00	47.90 0.19 0.00	52.16 0.10 0.00	53.99 0.05 0.00	53.81 0.21 0.00	47.64 0.66 0.00	42.01 0.78 0.00	38.44 0.53 0.00
MAPLEWOD_115KV_TB3 80458	40.08 0.98 0.00	37.80 0.96 0.00	36.40 1.09 0.00	35.05 1.05 0.00	34.97 1.05 0.00	36.05 1.12 0.00	38.44 1.26 0.00	38.29 1.12 0.00	40.83 1.03 0.00	45.93 1.08 0.00	39.93 1.01 0.00	39.20 1.03 0.00	38.28 0.97 0.00	38.98 0.91 0.00	37.89 0.82 0.00	39.87 0.78 0.00	45.27 0.93 0.00	48.90 1.19 0.00	53.41 1.35 0.00	55.39 1.46 0.00	54.94 1.34 0.00	48.20 1.22 0.00	42.22 0.99 0.00	38.71 0.80 0.00
MAPLE_RIDGE_WT_1 323574	38.79 -0.31 0.00	36.36 -0.48 0.00	34.63 -0.67 0.00	33.18 -0.82 0.00	33.03 -0.88 0.00	33.96 -0.98 0.00	36.21 -0.97 0.00	36.28 -0.89 0.00	38.96 -0.84 0.00	44.05 -0.81 0.00	38.29 -0.62 0.00	37.67 -0.50 0.00	36.90 -0.41 0.00	37.80 -0.26 0.00	36.85 -0.22 0.00	38.94 -0.16 0.00	44.12 -0.22 0.00	47.38 -0.33 0.00	51.59 -0.47 0.00	53.29 -0.64 0.00	52.90 -0.70 0.00	46.42 -0.56 0.00	40.82 -0.41 0.00	37.53 -0.38 0.00
MAPLE_RIDGE_WT_2 323611	38.79 -0.31 0.00	36.36 -0.48 0.00	34.63 -0.67 0.00	33.18 -0.82 0.00	33.03 -0.88 0.00	33.96 -0.98 0.00	36.21 -0.97 0.00	36.28 -0.89 0.00	38.96 -0.84 0.00	44.05 -0.81 0.00	38.29 -0.62 0.00	37.67 -0.50 0.00	36.90 -0.41 0.00	37.80 -0.26 0.00	36.85 -0.22 0.00	38.94 -0.16 0.00	44.12 -0.22 0.00	47.38 -0.33 0.00	51.59 -0.47 0.00	53.29 -0.64 0.00	52.90 -0.70 0.00	46.42 -0.56 0.00	40.82 -0.41 0.00	37.53 -0.38 0.00
MARBLE_RIVER_WT_PWR 323696	39.61 0.51 0.00	37.07 0.22 0.00	35.27 -0.04 0.00	33.83 -0.17 0.00	33.71 -0.20 0.00	34.55 -0.38 0.00	36.81 -0.37 0.00	36.87 -0.30 0.00	39.56 -0.24 0.00	44.86 0.00 0.00	38.88 -0.04 0.00	38.24 0.08 0.00	37.34 0.04 0.00	38.21 0.15 0.00	37.18 0.11 0.00	39.29 0.20 0.00	44.43 0.09 0.00	47.61 -0.10 0.00	51.85 -0.21 0.00	53.61 -0.32 0.00	53.33 -0.27 0.00	47.12 0.14 0.00	41.56 0.33 0.00	38.14 0.23 0.00
MARSHVLE_115KV_TB1 80742	40.47 1.37 0.00	38.10 1.25 0.00	36.58 1.27 0.00	35.18 1.19 0.00	35.14 1.22 0.00	36.30 1.36 0.00	38.78 1.60 0.00	38.62 1.45 0.00	41.15 1.35 0.00	46.20 1.35 0.00	39.89 0.97 0.00	39.01 0.84 0.00	38.17 0.86 0.00	38.94 0.88 0.00	37.93 0.85 0.00	40.03 0.94 0.00	45.72 1.37 0.00	49.66 1.96 0.00	54.45 2.39 0.00	56.63 2.70 0.00	56.12 2.52 0.00	49.09 2.11 0.00	42.96 1.73 0.00	39.24 1.33 0.00
MARSH_HILL_WT_PWR 323713	36.87 -2.23 0.00	34.75 -2.10 0.00	33.08 -2.22 0.00	31.82 -2.18 0.00	31.71 -2.20 0.00	33.19 -1.75 0.00	35.24 -1.93 0.00	35.09 -2.08 0.00	37.21 -2.59 0.00	42.08 -2.78 0.00	36.22 -2.65 0.04	35.16 -2.86 0.15	34.80 -2.46 0.04	34.78 -2.89 0.39	33.68 -2.85 0.54	35.95 -2.93 0.21	36.33 -3.46 4.55	37.91 -3.48 6.32	45.89 -3.49 2.68	49.80 -3.34 0.79	48.47 -3.21 1.92	42.89 -2.96 1.13	39.17 -2.06 0.00	36.62 -1.29 0.00
MCINTYRE_115KV_TB2 80467	39.88 0.78 0.00	37.29 0.44 0.00	35.45 0.14 0.00	34.10 0.10 0.00	34.02 0.10 0.00	34.83 -0.10 0.00	37.14 -0.04 0.00	37.10 -0.07 0.00	39.68 -0.12 0.00	44.86 0.00 0.00	38.72 -0.19 0.00	37.94 -0.23 0.00	36.93 -0.37 0.00	37.83 -0.23 0.00	36.78 -0.30 0.00	38.93 -0.16 0.00	44.16 -0.18 0.00	47.56 -0.14 0.00	52.06 0.00 0.00	53.99 0.05 0.00	53.76 0.16 0.00	47.59 0.61 0.00	41.97 0.74 0.00	38.37 0.45 0.00
MECO____69_KV_BK1 80468	41.09 1.99 0.00	38.69 1.84 0.00	37.18 1.87 0.00	35.76 1.77 0.00	35.71 1.80 0.00	36.86 1.92 0.00	39.37 2.19 0.00	39.18 2.01 0.00	41.71 1.91 0.00	46.79 1.93 0.00	40.43 1.52 0.00	39.54 1.37 0.00	38.65 1.34 0.00	39.36 1.29 0.00	38.33 1.26 0.00	40.46 1.37 0.00	46.25 1.91 0.00	50.33 2.62 0.00	55.28 3.23 0.00	57.55 3.61 0.00	56.97 3.38 0.00	49.89 2.91 0.00	43.66 2.43 0.00	39.85 1.93 0.00
MENANDS__115KV_TB5 355628	39.96 0.86 0.00	37.73 0.88 0.00	36.29 0.99 0.00	34.98 0.99 0.00	34.90 0.98 0.00	35.95 1.01 0.00	38.37 1.19 0.00	38.21 1.04 0.00	40.71 0.92 0.00	45.80 0.94 0.00	39.81 0.90 0.00	39.12 0.95 0.00	38.17 0.86 0.00	38.90 0.84 0.00	37.81 0.74 0.00	39.76 0.66 0.00	45.14 0.80 0.00	48.71 1.00 0.00	53.20 1.15 0.00	55.12 1.19 0.00	54.72 1.13 0.00	48.01 1.03 0.00	42.10 0.87 0.00	38.60 0.68 0.00

MG INDUSTRY___DRP 24185	40.08 0.98 0.00	37.80 0.96 0.00	36.36 1.06 0.00	35.01 1.02 0.00	34.93 1.02 0.00	35.98 1.05 0.00	38.37 1.19 0.00	38.21 1.04 0.00	40.79 0.99 0.00	45.89 1.03 0.00	39.85 0.93 0.00	39.04 0.88 0.00	38.13 0.82 0.00	38.90 0.84 0.00	37.85 0.78 0.00	39.83 0.74 0.00	45.27 0.93 0.00	48.85 1.14 0.00	53.31 1.25 0.00	55.28 1.35 0.00	54.88 1.29 0.00	48.15 1.17 0.00	42.22 0.99 0.00	38.75 0.83 0.00
MID___OSWEGATCHIE_HYD 23849	38.90 -0.20 0.00	36.44 -0.41 0.00	34.63 -0.67 0.00	33.14 -0.85 0.00	32.90 -1.02 0.00	33.71 -1.22 0.00	35.95 -1.23 0.00	35.95 -1.23 0.00	38.56 -1.23 0.00	43.60 -1.26 0.00	37.75 -1.17 0.00	36.98 -1.18 0.00	36.04 -1.27 0.00	36.92 -1.14 0.00	36.03 -1.04 0.00	38.15 -0.94 0.00	43.45 -0.89 0.00	46.80 -0.91 0.00	51.27 -0.78 0.00	53.23 -0.70 0.00	52.85 -0.75 0.00	46.51 -0.47 0.00	40.90 -0.33 0.00	37.38 -0.53 0.00
MID___RAQUETTE_HYD 23851	38.83 -0.27 0.00	36.29 -0.55 0.00	34.53 -0.78 0.00	33.14 -0.85 0.00	33.03 -0.88 0.00	33.82 -1.12 0.00	36.06 -1.12 0.00	36.09 -1.08 0.00	38.72 -1.07 0.00	43.87 -0.99 0.00	37.94 -0.97 0.00	37.29 -0.88 0.00	36.30 -1.01 0.00	37.19 -0.88 0.00	36.18 -0.89 0.00	38.31 -0.78 0.00	43.41 -0.93 0.00	46.56 -1.14 0.00	50.81 -1.25 0.00	52.53 -1.40 0.00	52.37 -1.23 0.00	46.32 -0.66 0.00	40.86 -0.37 0.00	37.34 -0.57 0.00
MILLIKEN___1 23584	39.49 0.39 0.00	37.25 0.41 0.00	35.59 0.28 0.00	34.30 0.31 0.00	34.19 0.27 0.00	35.35 0.42 0.00	37.55 0.37 0.00	37.66 0.48 0.00	40.24 0.44 0.00	45.35 0.49 0.00	39.15 0.23 0.00	38.24 0.08 0.00	37.38 0.07 0.00	38.02 -0.04 0.00	37.07 0.00 0.00	39.17 0.08 0.00	46.68 0.22 -2.12	51.05 0.38 -2.96	53.85 0.57 -1.22	55.01 0.76 -0.32	54.14 0.70 0.16	47.36 0.47 0.09	41.64 0.41 0.00	38.41 0.49 0.00
MILLIKEN___2 23585	39.49 0.39 0.00	37.25 0.41 0.00	35.59 0.28 0.00	34.30 0.31 0.00	34.19 0.27 0.00	35.35 0.42 0.00	37.55 0.37 0.00	37.66 0.48 0.00	40.24 0.44 0.00	45.35 0.49 0.00	39.15 0.23 0.00	38.24 0.08 0.00	37.38 0.07 0.00	38.02 -0.04 0.00	37.07 0.00 0.00	39.17 0.08 0.00	46.68 0.22 -2.12	51.05 0.38 -2.96	53.85 0.57 -1.22	55.01 0.76 -0.32	54.14 0.70 0.16	47.36 0.47 0.09	41.64 0.41 0.00	38.41 0.49 0.00
MILLIKEN___DIESEL 23629	39.49 0.39 0.00	37.25 0.41 0.00	35.59 0.28 0.00	34.30 0.31 0.00	34.19 0.27 0.00	35.35 0.42 0.00	37.55 0.37 0.00	37.66 0.48 0.00	40.24 0.44 0.00	45.35 0.49 0.00	39.15 0.23 0.00	38.24 0.08 0.00	37.38 0.07 0.00	38.02 -0.04 0.00	37.07 0.00 0.00	39.17 0.08 0.00	46.68 0.22 -2.12	51.05 0.38 -2.96	53.85 0.57 -1.22	55.01 0.76 -0.32	54.14 0.70 0.16	47.36 0.47 0.09	41.64 0.41 0.00	38.41 0.49 0.00
MILLSEAT___LFGE 323607	35.27 -3.83 0.00	33.45 -3.39 0.00	31.95 -3.35 0.00	30.83 -3.16 0.00	30.86 -3.05 0.00	32.46 -2.48 0.00	34.28 -2.90 0.00	33.72 -3.46 0.00	35.82 -3.98 0.00	40.59 -4.26 0.00	34.67 -3.93 0.32	33.37 -3.74 1.06	33.41 -3.58 0.32	31.61 -3.65 2.79	29.60 -3.56 3.91	33.93 -3.68 1.49	19.58 -4.26 20.51	14.55 -4.82 28.34	42.31 -5.15 4.59	47.22 -5.28 1.42	44.87 -5.04 3.68	40.13 -4.65 2.20	36.81 -4.41 0.01	34.73 -3.18 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.23 1.13 0.00	38.02 1.18 0.00	36.43 1.13 0.00	35.05 1.05 0.00	34.97 1.05 0.00	36.02 1.08 0.00	38.44 1.26 0.00	38.51 1.34 0.00	41.35 1.55 0.00	46.65 1.79 0.00	40.63 1.71 0.00	39.77 1.60 0.00	38.91 1.60 0.00	39.77 1.71 0.00	38.78 1.71 0.00	40.89 1.80 0.00	46.38 2.04 0.00	49.81 2.10 0.00	54.24 2.19 0.00	56.41 2.48 0.00	56.12 2.52 0.00	48.95 1.97 0.00	42.96 1.73 0.00	39.24 1.33 0.00
MILLWOOD_13_KV_LOAD 356217	40.31 1.21 0.00	38.10 1.25 0.00	36.50 1.20 0.00	35.08 1.09 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.52 1.34 0.00	38.62 1.45 0.00	41.43 1.63 0.00	46.74 1.88 0.00	40.67 1.75 0.00	39.85 1.68 0.00	38.99 1.68 0.00	39.85 1.79 0.00	38.85 1.78 0.00	40.97 1.88 0.00	46.47 2.13 0.00	49.95 2.24 0.00	54.35 2.29 0.00	56.57 2.64 0.00	56.28 2.68 0.00	49.05 2.07 0.00	43.04 1.81 0.00	39.32 1.40 0.00
MODEL_CITY_ENERGY 24167	33.82 -5.28 0.00	32.20 -4.64 0.00	30.79 -4.52 0.00	29.64 -4.35 0.00	29.71 -4.21 0.00	31.27 -3.67 0.00	32.91 -4.27 0.00	32.30 -4.87 0.00	34.27 -5.53 0.00	38.80 -6.06 0.00	33.42 -5.37 0.13	32.80 -4.96 0.40	32.41 -4.78 0.13	32.10 -4.87 1.09	30.79 -4.75 1.54	33.55 -4.97 0.57	30.58 -5.85 7.91	30.19 -6.58 10.93	40.18 -7.18 4.69	45.09 -7.39 1.46	42.65 -7.18 3.77	38.29 -6.43 2.25	35.08 -6.14 0.01	33.29 -4.63 0.00
MODERN_LFGE___ 323580	33.82 -5.28 0.00	32.20 -4.64 0.00	30.79 -4.52 0.00	29.64 -4.35 0.00	29.71 -4.21 0.00	31.27 -3.67 0.00	32.91 -4.27 0.00	32.30 -4.87 0.00	34.27 -5.53 0.00	38.80 -6.06 0.00	33.42 -5.37 0.13	32.80 -4.96 0.40	32.41 -4.78 0.13	32.10 -4.87 1.09	30.79 -4.75 1.54	33.55 -4.97 0.57	30.58 -5.85 7.91	30.19 -6.58 10.93	40.18 -7.18 4.69	45.09 -7.39 1.46	42.65 -7.18 3.77	38.29 -6.43 2.25	35.08 -6.14 0.01	33.29 -4.63 0.00
MOHAWK_PAPER___DRP 24187	40.08 0.98 0.00	37.80 0.96 0.00	36.40 1.09 0.00	35.05 1.05 0.00	34.97 1.05 0.00	36.05 1.12 0.00	38.44 1.26 0.00	38.29 1.12 0.00	40.83 1.03 0.00	45.93 1.08 0.00	39.93 1.01 0.00	39.20 1.03 0.00	38.28 0.97 0.00	38.98 0.91 0.00	37.89 0.82 0.00	39.87 0.78 0.00	45.27 0.93 0.00	48.90 1.19 0.00	53.41 1.35 0.00	55.39 1.46 0.00	54.94 1.34 0.00	48.20 1.22 0.00	42.22 0.99 0.00	38.71 0.80 0.00
MOHICAN_35_KV_115KV_LD 80490	40.70 1.60 0.00	38.35 1.51 0.00	36.89 1.59 0.00	35.56 1.56 0.00	35.48 1.56 0.00	36.65 1.71 0.00	39.15 1.97 0.00	38.88 1.71 0.00	41.59 1.79 0.00	46.92 2.06 0.00	40.71 1.79 0.00	39.85 1.68 0.00	38.84 1.53 0.00	39.55 1.48 0.00	38.41 1.33 0.00	40.50 1.41 0.00	46.11 1.77 0.00	49.95 2.24 0.00	54.61 2.55 0.00	56.74 2.80 0.00	56.17 2.57 0.00	49.19 2.21 0.00	43.04 1.81 0.00	39.43 1.52 0.00
MONGAUP___HYD 23641	40.31 1.21 0.00	38.06 1.21 0.00	36.47 1.16 0.00	35.08 1.09 0.00	34.97 1.05 0.00	36.02 1.08 0.00	38.37 1.19 0.00	38.25 1.08 0.00	40.99 1.19 0.00	46.11 1.25 0.00	39.97 1.05 0.00	39.12 0.95 0.00	38.28 0.97 0.00	39.05 0.99 0.00	38.11 1.04 0.00	40.23 1.13 0.00	45.89 1.55 0.00	49.23 1.53 0.00	53.77 1.72 0.00	55.98 2.05 0.00	55.74 2.15 0.00	48.62 1.64 0.00	42.76 1.53 0.00	39.16 1.25 0.00
MONTAUK___DIESEL 23721	41.72 2.62 0.00	39.46 2.62 0.00	37.81 2.51 0.00	36.34 2.35 0.00	36.19 2.27 0.00	37.24 2.31 0.00	39.04 1.86 0.00	39.07 1.90 0.00	41.91 2.11 0.00	47.37 2.51 0.00	42.39 3.46 -0.01	41.42 3.24 -0.01	40.45 3.13 -0.01	41.34 3.27 -0.01	40.23 3.15 -0.01	42.46 3.36 -0.01	48.30 3.95 -0.01	50.90 3.20 0.00	55.54 3.49 0.00	57.81 3.88 0.00	57.94 4.34 0.00	50.64 3.66 0.00	44.86 3.63 0.00	40.83 2.92 0.00

MOONROAD_115KV_HARTFLD_TB1-2 355988	34.13 -4.97 0.00	32.16 -4.68 0.00	30.68 -4.62 0.00	29.44 -4.56 0.00	29.51 -4.41 0.00	31.20 -3.74 0.00	32.87 -4.31 0.00	33.01 -4.16 0.00	35.10 -4.70 0.00	40.15 -4.71 0.00	34.70 -4.13 0.09	33.56 -4.31 0.30	33.38 -3.84 0.09	32.86 -4.42 0.79	31.60 -4.37 1.10	34.29 -4.38 0.42	32.59 -5.23 6.52	32.82 -5.87 9.02	41.75 -6.45 3.86	46.06 -6.69 1.18	43.81 -6.70 3.09	38.94 -6.20 1.84	36.73 -4.49 0.01	34.73 -3.18 0.00
MORRIS_RIDGE___SOLAR 323848	36.05 -3.05 0.00	34.01 -2.84 0.00	32.41 -2.89 0.00	31.17 -2.82 0.00	31.13 -2.78 0.00	32.67 -2.27 0.00	34.61 -2.56 0.00	34.38 -2.79 0.00	36.54 -3.26 0.00	41.31 -3.54 0.00	35.59 -3.27 0.06	34.53 -3.43 0.21	34.15 -3.10 0.06	33.98 -3.54 0.54	32.79 -3.52 0.76	35.09 -3.71 0.29	34.97 -4.26 5.11	36.19 -4.44 7.08	44.35 -4.68 3.02	48.33 -4.69 0.91	46.59 -4.61 2.40	41.38 -4.18 1.42	38.01 -3.22 0.01	35.64 -2.27 0.00
MORTIMER_115KV_TB3 55949	37.26 -1.84 0.00	35.15 -1.69 0.00	33.57 -1.73 0.00	32.43 -1.56 0.00	32.42 -1.49 0.00	33.75 -1.19 0.00	35.58 -1.60 0.00	35.61 -1.56 0.00	38.05 -1.75 0.00	43.06 -1.79 0.00	37.12 -1.83 -0.03	36.56 -1.72 -0.11	35.70 -1.64 -0.03	36.80 -1.56 -0.30	36.00 -1.48 -0.41	37.76 -1.49 -0.16	44.37 -1.77 -1.80	48.09 -2.10 -2.48	50.89 -2.24 -1.08	51.91 -2.37 -0.35	52.24 -2.20 -0.84	45.37 -2.11 -0.51	39.13 -2.10 0.00	36.43 -1.48 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.43 1.33 0.00	38.17 1.33 0.00	36.58 1.27 0.00	35.15 1.16 0.00	35.07 1.15 0.00	36.12 1.19 0.00	38.59 1.41 0.00	38.70 1.52 0.00	41.55 1.75 0.00	46.97 2.11 0.00	40.90 1.98 0.00	40.08 1.91 0.00	39.21 1.90 0.00	40.08 2.02 0.00	39.07 2.00 0.00	41.20 2.11 0.00	46.69 2.35 0.00	50.19 2.48 0.00	54.50 2.45 0.00	56.68 2.75 0.00	56.44 2.84 0.00	49.28 2.30 0.00	43.21 1.98 0.00	39.47 1.55 0.00
MUNSVILLE_WIND_PWR 323609	40.90 1.80 0.00	38.39 1.55 0.00	36.54 1.24 0.00	35.22 1.22 0.00	35.00 1.08 0.00	36.16 1.22 0.00	38.63 1.45 0.00	38.62 1.45 0.00	41.51 1.71 0.00	46.88 2.02 0.00	40.59 1.67 0.00	39.58 1.41 0.00	38.65 1.34 0.00	39.24 1.18 0.00	38.45 1.37 0.00	40.69 1.60 0.00	47.36 2.00 -1.02	51.66 2.53 -1.42	55.72 3.07 -0.59	57.49 3.40 -0.16	56.83 3.16 -0.07	49.46 2.44 -0.04	43.37 2.14 0.00	39.77 1.86 0.00
N SALMON___HYD 24042	39.88 0.78 0.00	37.25 0.41 0.00	35.41 0.11 0.00	33.99 0.00 0.00	33.95 0.03 0.00	34.73 -0.21 0.00	37.07 -0.11 0.00	37.17 0.00 0.00	39.88 0.08 0.00	45.31 0.45 0.00	39.19 0.27 0.00	38.55 0.38 0.00	37.57 0.26 0.00	38.44 0.38 0.00	37.37 0.30 0.00	39.56 0.47 0.00	44.74 0.40 0.00	47.90 0.19 0.00	52.16 0.10 0.00	53.99 0.05 0.00	53.71 0.11 0.00	47.59 0.61 0.00	42.01 0.78 0.00	38.44 0.53 0.00
N.AKRON___115KV_KNAPP 355671	35.15 -3.95 0.00	33.34 -3.50 0.00	31.84 -3.46 0.00	30.73 -3.26 0.00	30.79 -3.12 0.00	32.39 -2.55 0.00	33.65 -3.53 0.00	33.60 -3.57 0.00	35.74 -4.06 0.00	40.46 -4.40 0.00	34.64 -4.01 0.27	33.42 -3.85 0.89	33.34 -3.69 0.27	31.94 -3.77 2.36	30.14 -3.63 3.30	34.08 -3.75 1.26	22.57 -4.43 17.34	18.74 -5.01 23.96	41.54 -5.36 5.15	46.83 -5.50 1.60	44.16 -5.31 4.13	39.72 -4.79 2.47	36.64 -4.58 0.01	34.65 -3.26 0.00
N.E._GEN_SANDY PD 24062	40.00 0.90 0.00	37.80 0.96 0.00	36.40 1.10 0.00	35.08 1.09 0.00	35.00 1.08 0.00	36.09 1.15 0.00	41.71 1.26 -3.27	44.76 1.26 -6.32	42.40 1.27 -1.33	44.74 1.21 1.33	40.08 1.17 0.00	39.35 1.18 0.00	38.39 1.08 0.00	39.09 1.03 0.00	38.00 0.93 0.00	39.95 0.86 0.00	45.32 0.97 0.00	48.95 1.24 0.00	53.62 1.56 0.00	55.55 1.62 0.00	55.15 1.56 0.00	48.29 1.31 0.00	42.30 1.07 0.00	38.71 0.80 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.16 1.06 0.00	37.95 1.11 0.00	36.36 1.06 0.00	34.98 0.99 0.00	34.86 0.95 0.00	35.95 1.01 0.00	38.41 1.23 0.00	38.40 1.23 0.00	41.23 1.43 0.00	46.47 1.61 0.00	40.43 1.52 0.00	39.62 1.45 0.00	38.76 1.45 0.00	39.58 1.52 0.00	38.63 1.56 0.00	40.73 1.64 0.00	46.25 1.91 0.00	49.71 2.00 0.00	54.09 2.03 0.00	56.30 2.37 0.00	56.01 2.41 0.00	48.86 1.88 0.00	42.84 1.61 0.00	39.16 1.25 0.00
N.QUEENS_27_KV_LOAD 356247	40.39 1.29 0.00	38.10 1.25 0.00	36.40 1.09 0.00	34.98 0.99 0.00	34.90 0.98 0.00	35.91 0.98 0.00	38.44 1.26 0.00	38.59 1.41 0.00	41.55 1.75 0.00	46.97 2.11 0.00	40.94 2.02 0.00	40.11 1.95 0.00	39.25 1.94 0.00	40.19 2.13 0.00	39.19 2.11 0.00	41.32 2.23 0.00	46.78 2.44 0.00	50.19 2.48 0.00	54.35 2.29 0.00	56.57 2.64 0.00	56.39 2.79 0.00	49.23 2.25 0.00	43.13 1.90 0.00	39.32 1.40 0.00
N.TROY___115KV_TB1 355778	40.08 0.98 0.00	37.84 0.99 0.00	36.40 1.09 0.00	35.08 1.09 0.00	35.00 1.09 0.00	36.09 1.15 0.00	38.52 1.34 0.00	38.36 1.19 0.00	40.99 1.19 0.00	46.07 1.21 0.00	40.04 1.13 0.00	39.27 1.11 0.00	38.31 1.01 0.00	39.01 0.95 0.00	37.93 0.85 0.00	39.87 0.78 0.00	45.32 0.98 0.00	48.95 1.24 0.00	53.62 1.56 0.00	55.55 1.62 0.00	55.10 1.50 0.00	48.29 1.32 0.00	42.30 1.07 0.00	38.75 0.83 0.00
NARROWS_GT1_1 24228	40.51 1.41 0.00	38.24 1.40 0.00	36.57 1.27 0.00	35.18 1.19 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.44 1.26 0.00	38.73 1.56 0.00	41.71 1.91 0.00	47.05 2.20 0.00	41.02 2.10 0.00	40.26 2.10 0.00	39.40 2.09 0.00	40.35 2.28 0.00	39.33 2.26 0.00	41.48 2.38 0.00	46.91 2.57 0.00	50.33 2.62 0.00	54.34 2.29 0.00	56.52 2.59 0.00	56.33 2.73 0.00	49.47 2.49 0.00	43.41 2.18 0.00	39.58 1.67 0.00
NARROWS_GT1_2 24229	40.51 1.41 0.00	38.24 1.40 0.00	36.57 1.27 0.00	35.18 1.19 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.44 1.26 0.00	38.73 1.56 0.00	41.71 1.91 0.00	47.05 2.20 0.00	41.02 2.10 0.00	40.26 2.10 0.00	39.40 2.09 0.00	40.35 2.28 0.00	39.33 2.26 0.00	41.48 2.38 0.00	46.91 2.57 0.00	50.33 2.62 0.00	54.34 2.29 0.00	56.52 2.59 0.00	56.33 2.73 0.00	49.47 2.49 0.00	43.41 2.18 0.00	39.58 1.67 0.00
NARROWS_GT1_3 24230	40.51 1.41 0.00	38.24 1.40 0.00	36.57 1.27 0.00	35.18 1.19 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.44 1.26 0.00	38.73 1.56 0.00	41.71 1.91 0.00	47.05 2.20 0.00	41.02 2.10 0.00	40.26 2.10 0.00	39.40 2.09 0.00	40.35 2.28 0.00	39.33 2.26 0.00	41.48 2.38 0.00	46.91 2.57 0.00	50.33 2.62 0.00	54.34 2.29 0.00	56.52 2.59 0.00	56.33 2.73 0.00	49.47 2.49 0.00	43.41 2.18 0.00	39.58 1.67 0.00
NARROWS_GT1_4 24231	40.51 1.41 0.00	38.24 1.40 0.00	36.57 1.27 0.00	35.18 1.19 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.44 1.26 0.00	38.73 1.56 0.00	41.71 1.91 0.00	47.05 2.20 0.00	41.02 2.10 0.00	40.26 2.10 0.00	39.40 2.09 0.00	40.35 2.28 0.00	39.33 2.26 0.00	41.48 2.38 0.00	46.91 2.57 0.00	50.33 2.62 0.00	54.34 2.29 0.00	56.52 2.59 0.00	56.33 2.73 0.00	49.47 2.49 0.00	43.41 2.18 0.00	39.58 1.67 0.00

NARROWS_GT1_5 24232	40.51 1.41 0.00	38.24 1.40 0.00	36.57 1.27 0.00	35.18 1.19 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.44 1.26 0.00	38.73 1.56 0.00	41.71 1.91 0.00	47.05 2.20 0.00	41.02 2.10 0.00	40.26 2.10 0.00	39.40 2.09 0.00	40.35 2.28 0.00	39.33 2.26 0.00	41.48 2.38 0.00	46.91 2.57 0.00	50.33 2.62 0.00	54.34 2.29 0.00	56.52 2.59 0.00	56.33 2.73 0.00	49.47 2.49 0.00	43.41 2.18 0.00	39.58 1.67 0.00
NARROWS_GT1_6 24233	40.51 1.41 0.00	38.24 1.40 0.00	36.57 1.27 0.00	35.18 1.19 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.44 1.26 0.00	38.73 1.56 0.00	41.71 1.91 0.00	47.05 2.20 0.00	41.02 2.10 0.00	40.26 2.10 0.00	39.40 2.09 0.00	40.35 2.28 0.00	39.33 2.26 0.00	41.48 2.38 0.00	46.91 2.57 0.00	50.33 2.62 0.00	54.34 2.29 0.00	56.52 2.59 0.00	56.33 2.73 0.00	49.47 2.49 0.00	43.41 2.18 0.00	39.58 1.67 0.00
NARROWS_GT1_7 24234	40.51 1.41 0.00	38.24 1.40 0.00	36.57 1.27 0.00	35.18 1.19 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.44 1.26 0.00	38.73 1.56 0.00	41.71 1.91 0.00	47.05 2.20 0.00	41.02 2.10 0.00	40.26 2.10 0.00	39.40 2.09 0.00	40.35 2.28 0.00	39.33 2.26 0.00	41.48 2.38 0.00	46.91 2.57 0.00	50.33 2.62 0.00	54.34 2.29 0.00	56.52 2.59 0.00	56.33 2.73 0.00	49.47 2.49 0.00	43.41 2.18 0.00	39.58 1.67 0.00
NARROWS_GT1_8 24235	40.51 1.41 0.00	38.24 1.40 0.00	36.57 1.27 0.00	35.18 1.19 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.44 1.26 0.00	38.73 1.56 0.00	41.71 1.91 0.00	47.05 2.20 0.00	41.02 2.10 0.00	40.26 2.10 0.00	39.40 2.09 0.00	40.35 2.28 0.00	39.33 2.26 0.00	41.48 2.38 0.00	46.91 2.57 0.00	50.33 2.62 0.00	54.34 2.29 0.00	56.52 2.59 0.00	56.33 2.73 0.00	49.47 2.49 0.00	43.41 2.18 0.00	39.58 1.67 0.00
NARROWS_GT2_1 24236	40.51 1.41 0.00	38.24 1.40 0.00	36.57 1.27 0.00	35.18 1.19 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.44 1.26 0.00	38.73 1.56 0.00	41.71 1.91 0.00	47.05 2.20 0.00	41.02 2.10 0.00	40.26 2.10 0.00	39.40 2.09 0.00	40.35 2.28 0.00	39.33 2.26 0.00	41.48 2.38 0.00	46.91 2.57 0.00	50.33 2.62 0.00	54.34 2.29 0.00	56.52 2.59 0.00	56.33 2.73 0.00	49.47 2.49 0.00	43.41 2.18 0.00	39.58 1.67 0.00
NARROWS_GT2_2 24237	40.51 1.41 0.00	38.24 1.40 0.00	36.57 1.27 0.00	35.18 1.19 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.44 1.26 0.00	38.73 1.56 0.00	41.71 1.91 0.00	47.05 2.20 0.00	41.02 2.10 0.00	40.26 2.10 0.00	39.40 2.09 0.00	40.35 2.28 0.00	39.33 2.26 0.00	41.48 2.38 0.00	46.91 2.57 0.00	50.33 2.62 0.00	54.34 2.29 0.00	56.52 2.59 0.00	56.33 2.73 0.00	49.47 2.49 0.00	43.41 2.18 0.00	39.58 1.67 0.00
NARROWS_GT2_3 24238	40.51 1.41 0.00	38.24 1.40 0.00	36.57 1.27 0.00	35.18 1.19 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.44 1.26 0.00	38.73 1.56 0.00	41.71 1.91 0.00	47.05 2.20 0.00	41.02 2.10 0.00	40.26 2.10 0.00	39.40 2.09 0.00	40.35 2.28 0.00	39.33 2.26 0.00	41.48 2.38 0.00	46.91 2.57 0.00	50.33 2.62 0.00	54.34 2.29 0.00	56.52 2.59 0.00	56.33 2.73 0.00	49.47 2.49 0.00	43.41 2.18 0.00	39.58 1.67 0.00
NARROWS_GT2_4 24239	40.51 1.41 0.00	38.24 1.40 0.00	36.57 1.27 0.00	35.18 1.19 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.44 1.26 0.00	38.73 1.56 0.00	41.71 1.91 0.00	47.05 2.20 0.00	41.02 2.10 0.00	40.26 2.10 0.00	39.40 2.09 0.00	40.35 2.28 0.00	39.33 2.26 0.00	41.48 2.38 0.00	46.91 2.57 0.00	50.33 2.62 0.00	54.34 2.29 0.00	56.52 2.59 0.00	56.33 2.73 0.00	49.47 2.49 0.00	43.41 2.18 0.00	39.58 1.67 0.00
NARROWS_GT2_5 24240	40.51 1.41 0.00	38.24 1.40 0.00	36.57 1.27 0.00	35.18 1.19 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.44 1.26 0.00	38.73 1.56 0.00	41.71 1.91 0.00	47.05 2.20 0.00	41.02 2.10 0.00	40.26 2.10 0.00	39.40 2.09 0.00	40.35 2.28 0.00	39.33 2.26 0.00	41.48 2.38 0.00	46.91 2.57 0.00	50.33 2.62 0.00	54.34 2.29 0.00	56.52 2.59 0.00	56.33 2.73 0.00	49.47 2.49 0.00	43.41 2.18 0.00	39.58 1.67 0.00
NARROWS_GT2_6 24241	40.51 1.41 0.00	38.24 1.40 0.00	36.57 1.27 0.00	35.18 1.19 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.44 1.26 0.00	38.73 1.56 0.00	41.71 1.91 0.00	47.05 2.20 0.00	41.02 2.10 0.00	40.26 2.10 0.00	39.40 2.09 0.00	40.35 2.28 0.00	39.33 2.26 0.00	41.48 2.38 0.00	46.91 2.57 0.00	50.33 2.62 0.00	54.34 2.29 0.00	56.52 2.59 0.00	56.33 2.73 0.00	49.47 2.49 0.00	43.41 2.18 0.00	39.58 1.67 0.00
NARROWS_GT2_7 24242	40.51 1.41 0.00	38.24 1.40 0.00	36.57 1.27 0.00	35.18 1.19 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.44 1.26 0.00	38.73 1.56 0.00	41.71 1.91 0.00	47.05 2.20 0.00	41.02 2.10 0.00	40.26 2.10 0.00	39.40 2.09 0.00	40.35 2.28 0.00	39.33 2.26 0.00	41.48 2.38 0.00	46.91 2.57 0.00	50.33 2.62 0.00	54.34 2.29 0.00	56.52 2.59 0.00	56.33 2.73 0.00	49.47 2.49 0.00	43.41 2.18 0.00	39.58 1.67 0.00
NARROWS_GT2_8 24243	40.51 1.41 0.00	38.24 1.40 0.00	36.57 1.27 0.00	35.18 1.19 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.44 1.26 0.00	38.73 1.56 0.00	41.71 1.91 0.00	47.05 2.20 0.00	41.02 2.10 0.00	40.26 2.10 0.00	39.40 2.09 0.00	40.35 2.28 0.00	39.33 2.26 0.00	41.48 2.38 0.00	46.91 2.57 0.00	50.33 2.62 0.00	54.34 2.29 0.00	56.52 2.59 0.00	56.33 2.73 0.00	49.47 2.49 0.00	43.41 2.18 0.00	39.58 1.67 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.74 1.64 0.00	38.35 1.51 0.00	36.86 1.55 0.00	35.49 1.50 0.00	35.44 1.53 0.00	36.51 1.57 0.00	38.96 1.78 0.00	38.51 1.34 0.00	41.11 1.31 0.00	46.16 1.30 0.00	39.97 1.05 0.00	39.08 0.92 0.00	38.13 0.82 0.00	38.86 0.80 0.00	37.81 0.74 0.00	39.87 0.78 0.00	45.54 1.20 0.00	49.38 1.67 0.00	53.98 1.93 0.00	56.09 2.16 0.00	55.64 2.04 0.00	48.81 1.83 0.00	42.71 1.48 0.00	39.13 1.21 0.00
NCHELSEA_115KV_TR2 355582	40.47 1.37 0.00	38.21 1.36 0.00	36.65 1.34 0.00	35.22 1.22 0.00	35.14 1.22 0.00	36.19 1.26 0.00	38.67 1.49 0.00	38.55 1.38 0.00	41.39 1.59 0.00	46.70 1.84 0.00	40.55 1.63 0.00	39.69 1.53 0.00	38.80 1.49 0.00	39.62 1.56 0.00	38.63 1.56 0.00	40.81 1.72 0.00	46.43 2.08 0.00	49.95 2.24 0.00	54.40 2.34 0.00	56.57 2.64 0.00	56.28 2.68 0.00	49.09 2.11 0.00	43.00 1.77 0.00	39.35 1.44 0.00
NEG CAPITAL__MECHNVIL 23645	40.59 1.49 0.00	38.28 1.44 0.00	36.82 1.52 0.00	35.49 1.49 0.00	35.41 1.49 0.00	36.51 1.57 0.00	38.96 1.78 0.00	38.81 1.63 0.00	41.47 1.67 0.00	46.74 1.88 0.00	40.59 1.67 0.00	39.77 1.60 0.00	38.84 1.53 0.00	39.54 1.48 0.00	38.41 1.33 0.00	40.46 1.37 0.00	45.98 1.64 0.00	49.76 2.05 0.00	54.40 2.34 0.00	56.41 2.48 0.00	55.95 2.36 0.00	49.00 2.02 0.00	42.92 1.69 0.00	39.28 1.36 0.00

NEG CENTRAL_HIGH_ACRES 23767	37.18 -1.92 0.00	35.08 -1.77 0.00	33.51 -1.80 0.00	32.36 -1.63 0.00	32.32 -1.59 0.00	33.57 -1.36 0.00	35.69 -1.49 0.00	35.50 -1.67 0.00	38.01 -1.79 0.00	43.06 -1.80 0.00	37.22 -1.71 -0.02	36.51 -1.72 -0.06	35.65 -1.68 -0.02	36.63 -1.60 -0.16	35.78 -1.52 -0.23	37.65 -1.53 -0.09	43.47 -1.78 -0.90	46.85 -2.10 -1.24	50.31 -2.29 -0.54	51.68 -2.43 -0.18	51.73 -2.25 -0.38	45.01 -2.21 -0.24	39.09 -2.15 0.00	36.28 -1.63 0.00
NEG CENTRAL___DRP 24199	38.63 -0.47 0.00	36.44 -0.41 0.00	34.81 -0.49 0.00	33.55 -0.44 0.00	33.47 -0.44 0.00	34.69 -0.24 0.00	36.81 -0.37 0.00	36.88 -0.30 0.00	39.40 -0.40 0.00	44.45 -0.40 0.00	38.37 -0.54 0.00	37.52 -0.65 0.00	36.71 -0.60 0.00	37.38 -0.69 0.00	36.41 -0.67 0.00	38.47 -0.63 0.00	43.29 -0.67 0.38	46.51 -0.67 0.53	51.16 -0.68 0.22	53.23 -0.65 0.06	52.76 -0.64 0.20	46.26 -0.61 0.11	40.69 -0.54 0.00	37.65 -0.27 0.00
NEG CENTRAL___INDECK 23768	38.24 -0.86 0.00	36.03 -0.81 0.00	34.32 -0.99 0.00	33.18 -0.82 0.00	33.10 -0.81 0.00	34.62 -0.32 0.00	36.77 -0.41 0.00	36.43 -0.74 0.00	38.61 -1.19 0.00	43.47 -1.39 0.00	37.27 -1.63 0.01	36.25 -1.87 0.05	35.50 -1.79 0.01	35.95 -1.98 0.13	35.08 -1.82 0.18	37.26 -1.76 0.07	40.54 -1.86 1.94	43.25 -1.76 2.69	49.57 -1.35 1.13	52.58 -1.03 0.33	51.99 -0.75 0.86	45.54 -0.94 0.50	40.36 -0.87 0.00	37.61 -0.30 0.00
NEG CENTRAL___SENECA 23627	38.47 -0.63 0.00	36.25 -0.59 0.00	34.60 -0.71 0.00	33.38 -0.61 0.00	33.30 -0.61 0.00	34.59 -0.35 0.00	36.66 -0.52 0.00	36.76 -0.41 0.00	39.20 -0.60 0.00	44.27 -0.58 0.00	38.14 -0.78 0.00	37.25 -0.92 0.00	36.49 -0.82 0.00	37.11 -0.95 0.00	36.15 -0.93 0.00	38.19 -0.90 0.00	42.62 -0.98 0.74	45.72 -0.95 1.04	50.64 -0.99 0.43	52.74 -1.08 0.11	52.30 -1.02 0.28	45.93 -0.89 0.16	40.53 -0.70 0.00	37.53 -0.38 0.00
NEG CENTRAL___STATE_STREET 24147	38.94 -0.16 0.00	36.73 -0.11 0.00	35.09 -0.21 0.00	33.82 -0.17 0.00	33.75 -0.17 0.00	34.90 -0.03 0.00	37.07 -0.11 0.00	37.14 -0.04 0.00	39.76 -0.04 0.00	44.90 0.04 0.00	38.80 -0.12 0.00	37.98 -0.19 0.00	37.16 -0.15 0.00	37.83 -0.23 0.00	36.89 -0.19 0.00	38.93 -0.16 0.00	44.48 -0.13 -0.27	48.04 -0.05 -0.38	52.21 0.00 -0.16	54.08 0.11 -0.04	53.59 0.11 0.12	46.82 -0.09 0.07	41.11 -0.12 0.00	37.91 0.00 0.00
NEG MILLWOOD___DRP 24198	40.62 1.52 0.00	38.32 1.47 0.00	36.79 1.48 0.00	35.32 1.33 0.00	35.27 1.36 0.00	36.37 1.43 0.00	38.78 1.60 0.00	38.85 1.67 0.00	41.67 1.87 0.00	47.10 2.24 0.00	40.90 1.98 0.00	40.00 1.83 0.00	39.14 1.83 0.00	40.00 1.94 0.00	39.00 1.93 0.00	41.16 2.07 0.00	46.69 2.35 0.00	50.28 2.58 0.00	54.71 2.65 0.00	57.01 3.07 0.00	56.60 3.00 0.00	49.33 2.35 0.00	43.25 2.02 0.00	39.54 1.63 0.00
NEG NORTH_FLCN_SEA 23793	40.08 0.98 0.00	37.51 0.66 0.00	35.69 0.39 0.00	34.23 0.24 0.00	34.12 0.20 0.00	34.97 0.03 0.00	37.25 0.07 0.00	37.32 0.15 0.00	40.08 0.28 0.00	45.44 0.58 0.00	39.38 0.47 0.00	38.74 0.57 0.00	37.83 0.52 0.00	38.67 0.61 0.00	37.63 0.56 0.00	39.76 0.66 0.00	44.96 0.62 0.00	48.14 0.43 0.00	52.42 0.36 0.00	54.20 0.27 0.00	54.03 0.43 0.00	47.73 0.75 0.00	42.10 0.87 0.00	38.63 0.72 0.00
NEG NORTH_KES_CHATEGAY 23792	39.69 0.59 0.00	37.14 0.29 0.00	35.34 0.04 0.00	33.89 -0.10 0.00	33.78 -0.14 0.00	34.59 -0.35 0.00	36.84 -0.33 0.00	36.91 -0.26 0.00	39.60 -0.20 0.00	44.86 0.00 0.00	38.88 -0.04 0.00	38.24 0.08 0.00	37.31 0.00 0.00	38.18 0.11 0.00	37.15 0.07 0.00	39.29 0.20 0.00	44.43 0.09 0.00	47.66 -0.05 0.00	51.95 -0.10 0.00	53.72 -0.22 0.00	53.54 -0.05 0.00	47.31 0.33 0.00	41.68 0.45 0.00	38.22 0.30 0.00
NEG NORTH___ALICE_FALLS 23915	40.23 1.13 0.00	37.62 0.77 0.00	35.76 0.46 0.00	34.30 0.31 0.00	34.22 0.31 0.00	35.04 0.10 0.00	37.37 0.19 0.00	37.47 0.30 0.00	40.20 0.40 0.00	45.62 0.76 0.00	39.54 0.62 0.00	38.89 0.73 0.00	37.90 0.60 0.00	38.79 0.72 0.00	37.70 0.63 0.00	39.91 0.82 0.00	45.14 0.80 0.00	48.33 0.62 0.00	52.63 0.57 0.00	54.42 0.49 0.00	54.24 0.64 0.00	47.96 0.99 0.00	42.30 1.07 0.00	38.75 0.83 0.00
NEG NORTH___LWR_SARANAC 23913	40.23 1.13 0.00	37.62 0.77 0.00	35.76 0.46 0.00	34.30 0.31 0.00	34.22 0.31 0.00	35.04 0.10 0.00	37.37 0.19 0.00	37.47 0.30 0.00	40.20 0.40 0.00	45.62 0.76 0.00	39.54 0.62 0.00	38.89 0.72 0.00	37.90 0.60 0.00	38.79 0.72 0.00	37.70 0.63 0.00	39.91 0.82 0.00	45.14 0.80 0.00	48.33 0.62 0.00	52.63 0.57 0.00	54.42 0.49 0.00	54.24 0.64 0.00	47.96 0.99 0.00	42.30 1.07 0.00	38.75 0.83 0.00
NEG NORTH___PLATTSBURG 23628	40.23 1.13 0.00	37.62 0.77 0.00	35.76 0.46 0.00	34.30 0.31 0.00	34.22 0.30 0.00	35.04 0.11 0.00	37.37 0.19 0.00	37.47 0.30 0.00	40.20 0.40 0.00	45.62 0.76 0.00	39.54 0.62 0.00	38.89 0.72 0.00	37.90 0.60 0.00	38.78 0.72 0.00	37.70 0.63 0.00	39.91 0.82 0.00	45.14 0.80 0.00	48.33 0.62 0.00	52.63 0.57 0.00	54.42 0.48 0.00	54.13 0.54 0.00	47.97 0.99 0.00	42.30 1.07 0.00	38.75 0.83 0.00
NEG WEST_LEA_LOCKPORT 23791	34.25 -4.85 0.00	32.53 -4.31 0.00	31.10 -4.20 0.00	29.95 -4.05 0.00	30.01 -3.90 0.00	31.58 -3.35 0.00	32.76 -4.42 0.00	32.71 -4.46 0.00	34.70 -5.09 0.00	39.34 -5.52 0.00	33.76 -5.02 0.14	32.91 -4.81 0.44	32.58 -4.59 0.14	32.16 -4.72 1.18	30.82 -4.60 1.66	33.66 -4.81 0.63	29.79 -5.68 8.88	29.04 -6.39 12.27	39.87 -6.92 5.26	45.18 -7.12 1.63	42.41 -6.97 4.22	38.21 -6.25 2.52	35.57 -5.65 0.01	33.74 -4.17 0.00
NEG WEST___LANCASTR 23811	35.93 -3.17 0.00	34.01 -2.84 0.00	32.48 -2.82 0.00	31.24 -2.75 0.00	31.30 -2.61 0.00	32.87 -2.06 0.00	34.50 -2.68 0.00	34.50 -2.68 0.00	36.57 -3.22 0.00	41.36 -3.50 0.00	35.44 -3.39 0.09	33.78 -4.08 0.30	34.12 -3.10 0.09	32.57 -4.68 0.81	31.31 -4.63 1.13	33.62 -5.04 0.43	31.47 -6.30 6.58	32.02 -6.58 9.10	40.67 -7.50 3.89	45.02 -7.71 1.20	42.75 -7.72 3.13	38.35 -6.76 1.86	37.68 -3.55 0.01	35.60 -2.31 0.00
NEG_PENN_ALLEGHNY 23528	38.79 -0.31 0.00	36.59 -0.26 0.00	35.02 -0.28 0.00	33.72 -0.27 0.00	33.64 -0.27 0.00	34.80 -0.14 0.00	36.99 -0.18 0.00	37.06 -0.11 0.00	39.56 -0.24 0.00	44.63 -0.22 0.00	38.63 -0.27 0.02	37.69 -0.42 0.06	36.99 -0.30 0.02	37.46 -0.46 0.15	36.45 -0.41 0.21	38.58 -0.43 0.08	42.40 -0.49 1.45	45.17 -0.52 2.01	50.63 -0.57 0.86	53.19 -0.49 0.26	53.04 -0.48 0.08	46.35 -0.56 0.06	40.90 -0.33 0.00	37.80 -0.11 0.00
NEG___GEN_MONROE 24207	36.95 -2.15 0.00	34.93 -1.92 0.00	33.36 -1.94 0.00	32.23 -1.77 0.00	32.25 -1.66 0.00	33.64 -1.29 0.00	35.36 -1.82 0.00	35.31 -1.86 0.00	37.57 -2.23 0.00	42.43 -2.42 0.00	36.26 -2.41 0.24	35.04 -2.33 0.80	34.76 -2.31 0.24	33.71 -2.25 2.10	31.94 -2.19 2.95	35.74 -2.23 1.12	26.20 -2.53 15.61	23.28 -2.86 21.57	49.79 -3.02 -0.75	51.21 -2.97 -0.25	51.34 -2.84 -0.58	44.70 -2.63 -0.35	38.72 -2.52 0.00	36.17 -1.74 0.00

NEPA__ENERGY 23901	35.15 -3.95 0.00	33.31 -3.54 0.00	31.81 -3.50 0.00	30.56 -3.43 0.00	30.63 -3.29 0.00	32.18 -2.76 0.00	33.83 -3.35 0.00	33.90 -3.27 0.00	35.90 -3.90 0.00	40.64 -4.22 0.00	34.82 -4.01 0.09	33.67 -4.20 0.30	33.52 -3.69 0.09	32.98 -4.30 0.78	31.75 -4.23 1.10	34.22 -4.46 0.42	32.51 -5.32 6.51	32.93 -5.77 9.01	41.97 -6.25 3.84	46.39 -6.36 1.18	44.19 -6.32 3.09	39.41 -5.73 1.84	37.02 -4.21 0.01	34.96 -2.96 0.00
NEVERSINK__HYD 23608	40.23 1.13 0.00	37.99 1.14 0.00	36.40 1.10 0.00	35.01 1.02 0.00	34.90 0.98 0.00	35.95 1.01 0.00	38.29 1.11 0.00	38.21 1.04 0.00	41.03 1.24 0.00	46.25 1.39 0.00	40.12 1.21 0.00	39.23 1.07 0.00	38.39 1.08 0.00	39.17 1.10 0.00	38.26 1.19 0.00	40.38 1.29 0.00	45.98 1.64 0.00	49.52 1.81 0.00	54.03 1.98 0.00	56.25 2.32 0.00	55.95 2.36 0.00	48.76 1.78 0.00	42.67 1.44 0.00	39.05 1.14 0.00
NEWKRMKL_115KV_TB1 55635	40.00 0.90 0.00	37.73 0.88 0.00	36.29 0.99 0.00	34.98 0.99 0.00	34.90 0.98 0.00	35.95 1.01 0.00	38.37 1.19 0.00	38.21 1.04 0.00	40.67 0.88 0.00	45.75 0.90 0.00	39.81 0.90 0.00	39.04 0.88 0.00	38.13 0.82 0.00	38.86 0.80 0.00	37.78 0.70 0.00	39.76 0.66 0.00	45.14 0.80 0.00	48.71 1.00 0.00	53.15 1.09 0.00	55.06 1.13 0.00	54.67 1.07 0.00	48.01 1.03 0.00	42.05 0.82 0.00	38.56 0.64 0.00
NEWTON__FALLS_HYD 23847	38.90 -0.20 0.00	36.44 -0.41 0.00	34.63 -0.67 0.00	33.14 -0.85 0.00	32.90 -1.02 0.00	33.71 -1.22 0.00	35.95 -1.23 0.00	35.95 -1.23 0.00	38.56 -1.23 0.00	43.60 -1.26 0.00	37.75 -1.17 0.00	36.98 -1.18 0.00	36.04 -1.27 0.00	36.92 -1.14 0.00	36.03 -1.04 0.00	38.15 -0.94 0.00	43.45 -0.89 0.00	46.80 -0.91 0.00	51.27 -0.78 0.00	53.23 -0.70 0.00	52.85 -0.75 0.00	46.51 -0.47 0.00	40.90 -0.33 0.00	37.38 -0.53 0.00
NGRID_A1_DSASP 323792	34.33 -4.77 0.00	32.50 -4.35 0.00	31.07 -4.24 0.00	29.92 -4.08 0.00	30.01 -3.90 0.00	31.58 -3.35 0.00	32.38 -4.80 0.00	32.38 -4.80 0.00	34.31 -5.49 0.00	38.85 -6.01 0.00	33.05 -5.76 0.10	32.16 -5.65 0.35	31.83 -5.37 0.10	32.04 -5.10 0.93	30.81 -4.97 1.29	33.16 -5.43 0.50	30.75 -6.12 7.48	30.45 -6.92 10.34	40.13 -7.50 4.42	44.80 -7.77 1.37	42.49 -7.56 3.55	38.10 -6.76 2.12	35.04 -6.18 0.01	33.40 -4.51 0.00
NGRID_A2_DSASP 323793	34.33 -4.77 0.00	32.50 -4.35 0.00	31.07 -4.24 0.00	29.92 -4.08 0.00	30.01 -3.90 0.00	31.58 -3.35 0.00	32.38 -4.80 0.00	32.38 -4.80 0.00	34.31 -5.49 0.00	38.85 -6.01 0.00	33.05 -5.76 0.10	32.16 -5.65 0.35	31.83 -5.37 0.10	32.04 -5.10 0.93	30.81 -4.97 1.29	33.16 -5.43 0.50	30.75 -6.12 7.48	30.45 -6.92 10.34	40.13 -7.50 4.42	44.80 -7.77 1.37	42.49 -7.56 3.55	38.10 -6.76 2.12	35.04 -6.18 0.01	33.40 -4.51 0.00
NGRID_A4_DSASP 323807	34.33 -4.77 0.00	32.50 -4.35 0.00	31.07 -4.24 0.00	29.92 -4.08 0.00	30.01 -3.90 0.00	31.58 -3.35 0.00	32.38 -4.80 0.00	32.38 -4.80 0.00	34.31 -5.49 0.00	38.85 -6.01 0.00	33.05 -5.76 0.10	32.16 -5.65 0.35	31.83 -5.37 0.10	32.04 -5.10 0.93	30.81 -4.97 1.29	33.16 -5.43 0.50	30.75 -6.12 7.48	30.45 -6.92 10.34	40.13 -7.50 4.42	44.80 -7.77 1.37	42.49 -7.56 3.55	38.10 -6.76 2.12	35.04 -6.18 0.01	33.40 -4.51 0.00
NIAGARA_115E_LBMP 323715	33.59 -5.51 0.00	31.98 -4.86 0.00	30.61 -4.70 0.00	29.47 -4.52 0.00	29.54 -4.37 0.00	31.09 -3.84 0.00	32.68 -4.50 0.00	32.08 -5.09 0.00	33.99 -5.81 0.00	38.49 -6.37 0.00	33.19 -5.60 0.12	32.68 -5.11 0.37	32.26 -4.93 0.12	32.01 -5.02 1.02	30.74 -4.89 1.44	33.44 -5.12 0.54	31.02 -6.03 7.30	30.85 -6.77 10.08	40.29 -7.45 4.32	44.98 -7.60 1.35	42.67 -7.45 3.48	38.23 -6.67 2.08	34.79 -6.43 0.01	33.02 -4.89 0.00
NIAGARA_115W_LBMP 323714	34.29 -4.81 0.00	32.50 -4.35 0.00	31.10 -4.20 0.00	29.95 -4.05 0.00	30.02 -3.90 0.00	31.58 -3.35 0.00	32.94 -4.24 0.00	32.34 -4.83 0.00	34.27 -5.53 0.00	38.76 -6.10 0.00	33.17 -5.64 0.10	32.13 -5.69 0.35	31.79 -5.41 0.10	32.04 -5.10 0.92	30.82 -4.97 1.29	33.17 -5.43 0.49	30.77 -6.12 7.45	30.53 -6.87 10.31	40.15 -7.50 4.41	44.86 -7.71 1.36	42.50 -7.56 3.54	38.15 -6.72 2.11	34.99 -6.23 0.01	33.36 -4.55 0.00
NIAGARA_230_LBMP 323716	34.37 -4.73 0.00	32.53 -4.31 0.00	31.14 -4.17 0.00	30.02 -3.98 0.00	30.05 -3.87 0.00	31.58 -3.35 0.00	33.39 -3.79 0.00	32.79 -4.39 0.00	34.74 -5.06 0.00	39.34 -5.52 0.00	33.68 -5.14 0.10	32.67 -5.15 0.34	32.32 -4.89 0.10	32.16 -5.02 0.88	30.95 -4.89 1.23	33.46 -5.16 0.47	31.04 -6.03 7.28	30.92 -6.73 10.06	40.41 -7.34 4.30	45.05 -7.55 1.33	42.75 -7.40 3.46	38.30 -6.62 2.06	35.53 -5.69 0.01	33.70 -4.21 0.00
NIAGARA__115KV_198_GIBSON 55903	34.29 -4.81 0.00	32.50 -4.35 0.00	31.07 -4.24 0.00	29.92 -4.08 0.00	30.01 -3.90 0.00	31.58 -3.35 0.00	32.35 -4.83 0.00	32.34 -4.83 0.00	34.27 -5.53 0.00	38.76 -6.10 0.00	33.01 -5.80 0.10	32.13 -5.69 0.35	31.79 -5.41 0.10	32.04 -5.10 0.92	30.82 -4.97 1.29	33.16 -5.43 0.49	30.77 -6.12 7.45	30.48 -6.92 10.31	40.10 -7.55 4.41	44.80 -7.77 1.36	42.50 -7.56 3.54	38.10 -6.76 2.11	34.99 -6.23 0.01	33.36 -4.55 0.00
NIAGARA____ 23760	34.37 -4.73 0.00	32.53 -4.31 0.00	31.14 -4.17 0.00	30.02 -3.98 0.00	30.05 -3.87 0.00	31.58 -3.35 0.00	33.39 -3.79 0.00	32.79 -4.39 0.00	34.74 -5.06 0.00	39.34 -5.52 0.00	33.67 -5.14 0.10	32.67 -5.15 0.34	32.32 -4.89 0.10	32.16 -5.02 0.88	30.95 -4.89 1.23	33.45 -5.16 0.48	31.04 -6.03 7.28	30.92 -6.73 10.06	40.41 -7.34 4.30	45.05 -7.55 1.33	42.75 -7.40 3.46	38.30 -6.62 2.06	35.53 -5.69 0.01	33.70 -4.21 0.00
NINE_MILE_1 23575	38.05 -1.05 0.00	35.85 -0.99 0.00	34.32 -0.99 0.00	33.08 -0.92 0.00	33.00 -0.91 0.00	34.06 -0.87 0.00	36.21 -0.97 0.00	36.21 -0.97 0.00	38.73 -1.07 0.00	43.69 -1.17 0.00	37.87 -1.05 0.00	37.14 -1.03 0.00	36.30 -1.01 0.00	37.04 -1.03 0.00	36.07 -1.00 0.00	38.07 -1.02 0.00	43.19 -1.15 0.00	46.42 -1.29 0.00	50.65 -1.40 0.00	52.48 -1.45 0.00	52.20 -1.39 0.00	45.66 -1.32 0.00	40.08 -1.15 0.00	36.93 -0.99 0.00
NINE_MILE_2 23744	38.05 -1.05 0.00	35.85 -0.99 0.00	34.32 -0.99 0.00	33.08 -0.92 0.00	33.03 -0.88 0.00	34.06 -0.87 0.00	36.21 -0.97 0.00	36.21 -0.97 0.00	38.76 -1.03 0.00	43.69 -1.17 0.00	37.87 -1.05 0.00	37.14 -1.03 0.00	36.30 -1.01 0.00	37.04 -1.03 0.00	36.11 -0.96 0.00	38.07 -1.02 0.00	43.19 -1.15 0.00	46.42 -1.29 0.00	50.65 -1.40 0.00	52.53 -1.40 0.00	52.20 -1.39 0.00	45.66 -1.32 0.00	40.08 -1.15 0.00	36.93 -0.99 0.00
NM_CAPITAL__DRP 24208	39.96 0.86 0.00	37.73 0.88 0.00	36.29 0.99 0.00	34.95 0.95 0.00	34.90 0.98 0.00	35.95 1.01 0.00	38.33 1.15 0.00	38.18 1.00 0.00	40.67 0.88 0.00	45.75 0.90 0.00	39.77 0.86 0.00	39.04 0.88 0.00	38.13 0.82 0.00	38.86 0.80 0.00	37.78 0.70 0.00	39.72 0.63 0.00	45.09 0.75 0.00	48.66 0.95 0.00	53.15 1.09 0.00	55.06 1.13 0.00	54.62 1.02 0.00	47.96 0.99 0.00	42.05 0.82 0.00	38.52 0.61 0.00

NM_CENTRAL___DRP 24181	38.71 -0.39 0.00	36.48 -0.37 0.00	34.92 -0.39 0.00	33.65 -0.34 0.00	33.58 -0.34 0.00	34.62 -0.31 0.00	36.81 -0.37 0.00	36.84 -0.33 0.00	39.44 -0.36 0.00	44.50 -0.36 0.00	38.57 -0.35 0.00	37.79 -0.38 0.00	36.97 -0.34 0.00	37.68 -0.38 0.00	36.74 -0.33 0.00	38.74 -0.35 0.00	43.94 -0.40 0.00	47.28 -0.43 0.00	51.54 -0.52 0.00	53.45 -0.49 0.00	53.17 -0.43 0.00	46.46 -0.52 0.00	40.78 -0.45 0.00	37.57 -0.34 0.00
NM_FRONTIER___DRP 24179	34.29 -4.81 0.00	32.50 -4.35 0.00	31.07 -4.24 0.00	29.92 -4.08 0.00	30.01 -3.90 0.00	31.58 -3.35 0.00	32.35 -4.83 0.00	32.34 -4.83 0.00	34.27 -5.53 0.00	38.76 -6.10 0.00	33.01 -5.80 0.10	32.13 -5.69 0.35	31.79 -5.41 0.10	32.04 -5.10 0.92	30.82 -4.97 1.29	33.16 -5.43 0.49	30.77 -6.12 7.45	30.48 -6.92 10.31	40.10 -7.55 4.41	44.80 -7.77 1.36	42.50 -7.56 3.54	38.10 -6.76 2.11	34.99 -6.23 0.01	33.36 -4.55 0.00
NM_ST_REGIS___HYD 24053	39.14 0.04 0.00	36.55 -0.29 0.00	34.77 -0.53 0.00	33.38 -0.61 0.00	33.27 -0.64 0.00	34.06 -0.87 0.00	36.32 -0.86 0.00	36.39 -0.78 0.00	39.04 -0.76 0.00	44.27 -0.58 0.00	38.29 -0.62 0.00	37.63 -0.53 0.00	36.64 -0.67 0.00	37.53 -0.53 0.00	36.52 -0.56 0.00	38.66 -0.43 0.00	43.76 -0.58 0.00	46.90 -0.81 0.00	51.17 -0.88 0.00	52.96 -0.97 0.00	52.79 -0.80 0.00	46.70 -0.28 0.00	41.19 -0.04 0.00	37.69 -0.23 0.00
NORTHPORT___1 23551	40.70 1.60 0.00	38.43 1.58 0.00	36.93 1.62 0.00	35.42 1.43 0.00	35.31 1.39 0.00	36.40 1.47 0.00	38.26 1.08 0.00	38.77 1.60 0.00	41.75 1.95 0.00	47.19 2.33 0.00	41.49 2.57 -0.01	40.66 2.48 -0.01	39.71 2.39 -0.01	40.54 2.47 -0.01	39.53 2.45 -0.01	41.72 2.62 -0.01	47.23 2.88 0.00	49.66 1.96 0.00	54.03 1.98 0.00	56.09 2.16 0.00	56.12 2.52 0.00	49.14 2.16 0.00	43.83 2.60 0.00	40.07 2.16 0.00
NORTHPORT___2 23552	40.70 1.60 0.00	38.43 1.58 0.00	36.93 1.62 0.00	35.42 1.43 0.00	35.31 1.39 0.00	36.40 1.47 0.00	38.26 1.08 0.00	38.77 1.60 0.00	41.75 1.95 0.00	47.19 2.33 0.00	41.49 2.57 -0.01	40.66 2.48 -0.01	39.71 2.39 -0.01	40.54 2.47 -0.01	39.53 2.45 -0.01	41.72 2.62 -0.01	47.23 2.88 0.00	49.66 1.96 0.00	54.03 1.98 0.00	56.09 2.16 0.00	56.12 2.52 0.00	49.14 2.16 0.00	43.83 2.60 0.00	40.07 2.16 0.00
NORTHPORT___3 23553	40.70 1.60 0.00	38.43 1.58 0.00	36.93 1.62 0.00	35.42 1.43 0.00	35.31 1.39 0.00	36.40 1.47 0.00	38.29 1.11 0.00	38.77 1.60 0.00	41.75 1.95 0.00	47.19 2.33 0.00	41.49 2.57 -0.01	40.66 2.48 -0.01	39.67 2.35 -0.01	40.51 2.44 -0.01	39.49 2.41 -0.01	41.68 2.58 -0.01	47.19 2.84 -0.01	49.62 1.91 0.00	53.98 1.93 0.00	56.03 2.10 0.00	56.07 2.47 0.00	49.09 2.12 0.00	43.79 2.56 0.00	40.03 2.12 0.00
NORTHPORT___4 23650	40.70 1.60 0.00	38.43 1.58 0.00	36.93 1.62 0.00	35.42 1.43 0.00	35.31 1.39 0.00	36.40 1.47 0.00	38.29 1.11 0.00	38.77 1.60 0.00	41.75 1.95 0.00	47.19 2.33 0.00	41.49 2.57 -0.01	40.66 2.48 -0.01	39.67 2.35 -0.01	40.51 2.44 -0.01	39.49 2.41 -0.01	41.68 2.58 -0.01	47.19 2.84 -0.01	49.62 1.91 0.00	53.98 1.93 0.00	56.03 2.10 0.00	56.07 2.47 0.00	49.09 2.12 0.00	43.79 2.56 0.00	40.03 2.12 0.00
NORTHPORT___IC 23718	40.70 1.60 0.00	38.43 1.58 0.00	36.82 1.52 0.00	35.39 1.39 0.00	35.31 1.39 0.00	36.40 1.47 0.00	38.52 1.34 0.00	38.77 1.60 0.00	41.75 1.95 0.00	47.19 2.33 0.00	41.53 2.61 -0.01	40.66 2.48 -0.01	39.70 2.39 -0.01	40.54 2.47 -0.01	39.53 2.45 -0.01	41.72 2.62 -0.01	47.23 2.88 -0.01	49.85 2.15 0.00	54.03 1.98 0.00	56.20 2.27 0.00	56.01 2.41 0.00	49.14 2.16 0.00	43.83 2.60 0.00	40.07 2.16 0.00
NORTH___COUNTRY_ESR 323785	39.57 0.47 0.00	37.03 0.19 0.00	35.27 -0.04 0.00	33.79 -0.20 0.00	33.68 -0.24 0.00	34.52 -0.42 0.00	36.77 -0.41 0.00	36.84 -0.34 0.00	39.52 -0.28 0.00	44.81 -0.04 0.00	38.88 -0.04 0.00	38.24 0.08 0.00	37.34 0.04 0.00	38.18 0.11 0.00	37.15 0.07 0.00	39.29 0.20 0.00	44.43 0.09 0.00	47.57 -0.14 0.00	51.80 -0.26 0.00	53.56 -0.37 0.00	53.28 -0.32 0.00	47.12 0.14 0.00	41.56 0.33 0.00	38.10 0.19 0.00
NPX_GEN_1385_PROXY 323591	40.70 1.60 0.00	38.43 1.58 0.00	36.93 1.62 0.00	35.42 1.43 0.00	35.31 1.39 0.00	36.40 1.47 0.00	38.26 1.08 0.00	38.77 1.60 0.00	43.08 1.95 -1.33	45.86 2.33 1.33	41.49 2.57 -0.01	40.66 2.48 -0.01	39.71 2.39 -0.01	40.54 2.47 -0.01	39.53 2.45 -0.01	41.72 2.62 -0.01	47.23 2.88 -0.01	49.66 1.96 0.00	54.03 1.98 0.00	56.09 2.16 0.00	56.12 2.52 0.00	49.14 2.16 0.00	43.83 2.60 0.00	40.07 2.16 0.00
NPX_GEN_CSC 323557	40.78 1.68 0.00	38.61 1.77 0.00	37.10 1.80 0.00	35.56 1.56 0.00	35.44 1.53 0.00	36.54 1.61 0.00	38.22 1.04 0.00	38.81 1.63 0.00	43.00 1.87 -1.33	45.81 2.29 1.33	42.12 3.19 -0.01	41.19 3.01 -0.01	40.26 2.95 -0.01	41.15 3.08 -0.01	40.08 3.00 -0.01	42.31 3.21 -0.01	48.03 3.68 -0.01	50.72 3.01 0.00	55.28 3.23 0.00	56.95 3.02 0.00	57.29 3.70 0.00	50.03 3.05 0.00	44.40 3.17 0.00	40.68 2.77 0.00
NSINS_S___GLNS_FALLS 23858	40.74 1.64 0.00	38.39 1.55 0.00	36.93 1.62 0.00	35.56 1.56 0.00	35.51 1.59 0.00	36.65 1.71 0.00	39.15 1.97 0.00	38.88 1.71 0.00	41.59 1.79 0.00	46.92 2.06 0.00	40.75 1.83 0.00	39.88 1.72 0.00	38.91 1.60 0.00	39.58 1.52 0.00	38.44 1.37 0.00	40.54 1.45 0.00	46.16 1.82 0.00	50.00 2.29 0.00	54.66 2.60 0.00	56.74 2.80 0.00	56.17 2.57 0.00	49.19 2.21 0.00	43.09 1.86 0.00	39.47 1.55 0.00
NUCOR_STEEL___DRP 24197	39.14 0.04 0.00	36.92 0.07 0.00	35.30 0.00 0.00	34.03 0.03 0.00	33.95 0.03 0.00	35.08 0.14 0.00	37.25 0.07 0.00	37.32 0.15 0.00	39.92 0.12 0.00	45.04 0.18 0.00	38.96 0.04 0.00	38.13 -0.04 0.00	37.31 0.00 0.00	37.99 -0.08 0.00	37.04 -0.04 0.00	39.09 0.00 0.00	44.68 0.04 -0.29	48.17 0.05 -0.41	52.33 0.10 -0.17	54.14 0.16 -0.04	53.72 0.21 0.10	46.92 0.00 0.05	41.23 0.00 0.00	38.03 0.11 0.00
NUMBER_THREE_WT_PWR 323818	39.61 0.51 0.00	37.21 0.37 0.00	35.27 -0.04 0.00	33.59 -0.41 0.00	33.07 -0.85 0.00	33.96 -0.98 0.00	36.21 -0.97 0.00	36.13 -1.04 0.00	38.80 -0.99 0.00	43.78 -1.08 0.00	37.98 -0.93 0.00	37.17 -0.99 0.00	36.26 -1.04 0.00	37.22 -0.84 0.00	36.41 -0.67 0.00	38.58 -0.51 0.00	44.16 -0.18 0.00	47.76 0.05 0.00	52.47 0.41 0.00	54.53 0.59 0.00	53.98 0.38 0.00	47.35 0.37 0.00	41.56 0.33 0.00	38.03 0.11 0.00
NYISO_LBMP_REFERENCE 24008	39.10 0.00 0.00	36.84 0.00 0.00	35.30 0.00 0.00	33.99 0.00 0.00	33.92 0.00 0.00	34.94 0.00 0.00	37.18 0.00 0.00	37.17 0.00 0.00	39.80 0.00 0.00	44.86 0.00 0.00	38.92 0.00 0.00	38.17 0.00 0.00	37.31 0.00 0.00	38.06 0.00 0.00	37.07 0.00 0.00	39.09 0.00 0.00	44.34 0.00 0.00	47.71 0.00 0.00	52.06 0.00 0.00	53.93 0.00 0.00	53.60 0.00 0.00	46.98 0.00 0.00	41.23 0.00 0.00	37.91 0.00 0.00

NYPA_BRENTWD____GT 24164	41.09 1.99 0.00	38.80 1.95 0.00	37.28 1.98 0.00	35.73 1.73 0.00	35.61 1.70 0.00	36.75 1.82 0.00	38.59 1.41 0.00	39.10 1.93 0.00	42.11 2.31 0.00	47.59 2.74 0.00	41.92 3.00 -0.01	41.08 2.90 -0.01	40.12 2.80 -0.01	41.00 2.93 -0.01	39.94 2.85 -0.01	42.15 3.05 -0.01	47.81 3.46 -0.01	50.43 2.72 0.00	54.92 2.86 0.00	57.00 3.07 0.00	57.03 3.43 0.00	49.89 2.91 0.00	44.36 3.13 0.00	40.53 2.61 0.00
NYPA_GOWANUS____GT5 24156	40.51 1.41 0.00	38.24 1.40 0.00	36.57 1.27 0.00	35.18 1.19 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.44 1.26 0.00	38.73 1.56 0.00	41.71 1.91 0.00	47.05 2.20 0.00	41.02 2.10 0.00	40.26 2.10 0.00	39.40 2.09 0.00	40.35 2.28 0.00	39.33 2.26 0.00	41.48 2.38 0.00	46.91 2.57 0.00	50.33 2.62 0.00	54.34 2.29 0.00	56.52 2.59 0.00	56.33 2.73 0.00	49.47 2.49 0.00	43.41 2.18 0.00	39.58 1.67 0.00
NYPA_GOWANUS____GT6 24157	40.51 1.41 0.00	38.24 1.40 0.00	36.57 1.27 0.00	35.18 1.19 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.44 1.26 0.00	38.73 1.56 0.00	41.71 1.91 0.00	47.05 2.20 0.00	41.02 2.10 0.00	40.26 2.10 0.00	39.40 2.09 0.00	40.35 2.28 0.00	39.33 2.26 0.00	41.48 2.38 0.00	46.91 2.57 0.00	50.33 2.62 0.00	54.34 2.29 0.00	56.52 2.59 0.00	56.33 2.73 0.00	49.47 2.49 0.00	43.41 2.18 0.00	39.58 1.67 0.00
NYPA_HARLEM__RVR__GT1 24160	40.35 1.25 0.00	38.06 1.21 0.00	36.40 1.10 0.00	35.01 1.02 0.00	34.86 0.95 0.00	35.90 0.98 0.01	38.25 1.08 0.01	38.54 1.38 0.01	41.46 1.67 0.01	46.87 2.02 0.01	40.81 1.91 0.01	40.07 1.91 0.01	39.16 1.86 0.01	40.11 2.05 0.01	39.10 2.04 0.01	41.23 2.15 0.01	46.68 2.35 0.01	50.08 2.38 0.01	54.23 2.19 0.01	56.46 2.54 0.01	56.27 2.68 0.01	49.18 2.21 0.01	43.08 1.86 0.01	39.27 1.36 0.01
NYPA_HARLEM__RVR__GT2 24161	40.35 1.25 0.00	38.06 1.21 0.00	36.40 1.10 0.00	35.01 1.02 0.00	34.86 0.95 0.00	35.90 0.98 0.01	38.25 1.08 0.01	38.54 1.38 0.01	41.46 1.67 0.01	46.87 2.02 0.01	40.81 1.91 0.01	40.07 1.91 0.01	39.16 1.86 0.01	40.11 2.05 0.01	39.10 2.04 0.01	41.23 2.15 0.01	46.68 2.35 0.01	50.08 2.38 0.01	54.23 2.19 0.01	56.46 2.54 0.01	56.27 2.68 0.01	49.18 2.21 0.01	43.08 1.86 0.01	39.27 1.36 0.01
NYPA_KENT____GT 24152	40.51 1.41 0.00	38.24 1.40 0.00	36.61 1.31 0.00	35.18 1.19 0.00	35.07 1.15 0.00	36.12 1.19 0.00	38.44 1.26 0.00	38.73 1.56 0.00	41.67 1.87 0.00	47.05 2.20 0.00	41.02 2.10 0.00	40.23 2.06 0.00	39.36 2.05 0.00	40.31 2.25 0.00	39.30 2.22 0.00	41.44 2.35 0.00	46.91 2.57 0.00	50.33 2.62 0.00	54.40 2.34 0.00	56.63 2.70 0.00	56.44 2.84 0.00	49.47 2.49 0.00	43.37 2.14 0.00	39.54 1.63 0.00
NYPA_POUCH1____GT 24155	40.47 1.37 0.00	38.21 1.36 0.00	36.57 1.27 0.00	35.15 1.16 0.00	35.00 1.08 0.00	36.05 1.12 0.00	38.40 1.23 0.00	38.73 1.56 0.00	41.67 1.87 0.00	46.97 2.11 0.00	40.98 2.06 0.00	40.19 2.02 0.00	39.32 2.01 0.00	40.31 2.25 0.00	39.30 2.22 0.00	41.44 2.35 0.00	46.87 2.53 0.00	50.23 2.53 0.00	53.18 1.98 0.85	54.17 2.32 2.08	54.18 2.47 1.89	49.42 2.44 0.00	43.41 2.18 0.00	39.58 1.67 0.00
NYPA_VERNON____GT2 24162	40.51 1.41 0.00	38.24 1.40 0.00	36.61 1.31 0.00	35.22 1.22 0.00	35.10 1.19 0.00	36.12 1.19 0.00	38.48 1.30 0.00	38.73 1.56 0.00	41.67 1.87 0.00	47.05 2.20 0.00	40.98 2.06 0.00	40.19 2.02 0.00	39.32 2.01 0.00	40.27 2.21 0.00	39.26 2.19 0.00	41.40 2.31 0.00	46.87 2.53 0.00	50.28 2.57 0.00	54.50 2.45 0.00	56.68 2.75 0.00	56.49 2.89 0.00	49.42 2.44 0.00	43.33 2.10 0.00	39.54 1.63 0.00
NYPA_VERNON____GT3 24163	40.51 1.41 0.00	38.24 1.40 0.00	36.61 1.31 0.00	35.22 1.22 0.00	35.10 1.19 0.00	36.12 1.19 0.00	38.48 1.30 0.00	38.73 1.56 0.00	41.67 1.87 0.00	47.05 2.20 0.00	40.98 2.06 0.00	40.19 2.02 0.00	39.32 2.01 0.00	40.27 2.21 0.00	39.26 2.19 0.00	41.40 2.31 0.00	46.87 2.53 0.00	50.28 2.57 0.00	54.50 2.45 0.00	56.68 2.75 0.00	56.49 2.89 0.00	49.42 2.44 0.00	43.33 2.10 0.00	39.54 1.63 0.00
NYPA__ASTORIA_CC1 323568	40.51 1.41 0.00	38.21 1.36 0.00	36.61 1.31 0.00	35.18 1.19 0.00	35.07 1.15 0.00	36.12 1.19 0.00	38.44 1.26 0.00	38.73 1.56 0.00	41.63 1.83 0.00	47.05 2.20 0.00	40.98 2.06 0.00	40.19 2.02 0.00	39.32 2.01 0.00	40.23 2.17 0.00	39.22 2.15 0.00	41.36 2.27 0.00	46.87 2.53 0.00	50.28 2.57 0.00	54.45 2.40 0.00	56.63 2.70 0.00	56.44 2.84 0.00	49.37 2.39 0.00	43.29 2.06 0.00	39.50 1.59 0.00
NYPA__ASTORIA_CC2 323569	40.51 1.41 0.00	38.21 1.36 0.00	36.61 1.31 0.00	35.18 1.19 0.00	35.07 1.15 0.00	36.12 1.19 0.00	38.44 1.26 0.00	38.73 1.56 0.00	41.63 1.83 0.00	47.05 2.20 0.00	40.98 2.06 0.00	40.19 2.02 0.00	39.32 2.01 0.00	40.23 2.17 0.00	39.22 2.15 0.00	41.36 2.27 0.00	46.87 2.53 0.00	50.28 2.57 0.00	54.45 2.40 0.00	56.63 2.70 0.00	56.44 2.84 0.00	49.37 2.39 0.00	43.29 2.06 0.00	39.50 1.59 0.00
NYPA__HOLTSVILL 23794	40.90 1.80 0.00	38.65 1.80 0.00	37.14 1.83 0.00	35.59 1.60 0.00	35.48 1.56 0.00	36.58 1.64 0.00	38.37 1.19 0.00	38.92 1.75 0.00	41.87 2.07 0.00	47.37 2.51 0.00	41.88 2.96 -0.01	41.00 2.82 -0.01	40.04 2.72 -0.01	40.93 2.86 -0.01	39.86 2.78 -0.01	42.07 2.97 -0.01	47.76 3.41 -0.01	50.38 2.67 0.00	54.86 2.81 0.00	56.84 2.91 0.00	56.98 3.38 0.00	49.80 2.82 0.00	44.24 3.01 0.00	40.45 2.54 0.00
NYPA__HELLGATE_GT1 24158	40.35 1.25 0.00	38.06 1.21 0.00	36.40 1.10 0.00	35.01 1.02 0.00	34.86 0.95 0.00	35.90 0.98 0.01	38.25 1.08 0.01	38.54 1.38 0.01	41.46 1.67 0.01	46.87 2.02 0.01	40.81 1.91 0.01	40.07 1.91 0.01	39.16 1.86 0.01	40.11 2.05 0.01	39.10 2.04 0.01	41.23 2.15 0.01	46.68 2.35 0.01	50.08 2.38 0.01	54.23 2.19 0.01	56.46 2.54 0.01	56.27 2.68 0.01	49.18 2.21 0.01	43.08 1.86 0.01	39.27 1.36 0.01
NYPA__HELLGATE_GT2 24159	40.35 1.25 0.00	38.06 1.21 0.00	36.40 1.10 0.00	35.01 1.02 0.00	34.86 0.95 0.00	35.90 0.98 0.01	38.25 1.08 0.01	38.54 1.38 0.01	41.46 1.67 0.01	46.87 2.02 0.01	40.81 1.91 0.01	40.07 1.91 0.01	39.16 1.86 0.01	40.11 2.05 0.01	39.10 2.04 0.01	41.23 2.15 0.01	46.68 2.35 0.01	50.08 2.38 0.01	54.23 2.19 0.01	56.46 2.54 0.01	56.27 2.68 0.01	49.18 2.21 0.01	43.08 1.86 0.01	39.27 1.36 0.01
NYS_BARGE__HYD 23848	34.25 -4.85 0.00	32.53 -4.31 0.00	31.10 -4.20 0.00	29.95 -4.05 0.00	30.02 -3.90 0.00	31.58 -3.35 0.00	33.28 -3.90 0.00	32.71 -4.46 0.00	34.70 -5.09 0.00	39.29 -5.56 0.00	33.79 -4.98 0.14	32.97 -4.73 0.46	32.65 -4.52 0.14	32.18 -4.64 1.23	30.82 -4.52 1.73	33.71 -4.73 0.65	29.62 -5.54 9.17	28.78 -6.25 12.68	39.80 -6.82 5.44	45.28 -6.96 1.69	42.43 -6.81 4.36	38.26 -6.11 2.61	35.57 -5.65 0.01	33.70 -4.21 0.00

OAK ORCHARD__HYD 24046	37.26 -1.84 0.00	35.15 -1.69 0.00	33.61 -1.69 0.00	32.47 -1.53 0.00	32.42 -1.49 0.00	33.75 -1.19 0.00	35.88 -1.30 0.00	35.61 -1.56 0.00	38.05 -1.75 0.00	43.06 -1.80 0.00	37.24 -1.71 -0.03	36.56 -1.72 -0.11	35.70 -1.64 -0.03	36.80 -1.56 -0.30	35.97 -1.52 -0.41	37.77 -1.49 -0.16	44.41 -1.73 -1.80	48.09 -2.10 -2.48	50.89 -2.24 -1.08	51.96 -2.32 -0.35	52.29 -2.15 -0.84	45.37 -2.11 -0.51	39.17 -2.06 0.00	36.43 -1.48 0.00
OAKDALE__35_KV_LOAD 356122	38.67 -0.43 0.00	36.48 -0.37 0.00	34.92 -0.39 0.00	33.62 -0.37 0.00	33.54 -0.37 0.00	34.69 -0.24 0.00	36.88 -0.30 0.00	36.91 -0.26 0.00	39.44 -0.36 0.00	44.50 -0.36 0.00	38.47 -0.43 0.02	37.57 -0.53 0.06	36.88 -0.41 0.02	37.33 -0.57 0.16	36.30 -0.56 0.22	38.42 -0.59 0.08	42.08 -0.67 1.60	44.82 -0.67 2.22	50.38 -0.73 0.94	53.00 -0.65 0.28	52.85 -0.70 0.05	46.22 -0.70 0.05	40.77 -0.45 0.00	37.69 -0.23 0.00
OCC_CHEM__DRP 24175	34.33 -4.77 0.00	32.50 -4.35 0.00	31.07 -4.24 0.00	29.92 -4.08 0.00	30.01 -3.90 0.00	31.58 -3.35 0.00	32.38 -4.80 0.00	32.38 -4.80 0.00	34.31 -5.49 0.00	38.85 -6.01 0.00	33.05 -5.76 0.10	32.16 -5.65 0.35	31.83 -5.37 0.10	32.04 -5.10 0.93	30.81 -4.97 1.29	33.16 -5.43 0.50	30.75 -6.12 7.48	30.45 -6.92 10.34	40.13 -7.50 4.42	44.80 -7.77 1.37	42.49 -7.56 3.55	38.10 -6.76 2.12	35.04 -6.18 0.01	33.40 -4.51 0.00
OH_GEN_PROXY 24063	34.45 -4.65 0.00	32.61 -4.24 0.00	31.21 -4.09 0.00	30.05 -3.94 0.00	30.12 -3.80 0.00	31.65 -3.29 0.00	33.46 -3.72 0.00	32.90 -4.27 0.00	36.19 -4.94 -1.33	38.14 -5.38 1.33	33.80 -5.02 0.10	32.80 -5.04 0.33	32.44 -4.78 0.10	32.30 -4.91 0.85	31.10 -4.78 1.19	33.59 -5.04 0.46	31.39 -5.90 7.05	31.37 -6.58 9.75	40.70 -7.18 4.17	45.26 -7.39 1.28	43.01 -7.24 3.35	38.50 -6.48 1.99	35.65 -5.57 0.01	33.78 -4.13 0.00
OLIN_CORP_DRP 24177	33.70 -5.40 0.00	32.05 -4.79 0.00	30.68 -4.62 0.00	29.51 -4.49 0.00	29.61 -4.31 0.00	31.16 -3.77 0.00	32.20 -4.98 0.00	32.19 -4.98 0.00	34.11 -5.69 0.00	38.62 -6.24 0.00	33.35 -5.45 0.12	32.69 -5.11 0.37	32.30 -4.89 0.12	32.04 -5.02 0.99	30.82 -4.86 1.40	33.45 -5.12 0.52	31.06 -6.03 7.25	30.91 -6.77 10.02	40.37 -7.39 4.30	44.94 -7.66 1.34	42.64 -7.50 3.45	38.24 -6.67 2.06	34.87 -6.35 0.01	33.14 -4.78 0.00
OLIN_CORP_DSASP 323712	34.33 -4.77 0.00	32.50 -4.35 0.00	31.07 -4.24 0.00	29.92 -4.08 0.00	30.01 -3.90 0.00	31.58 -3.35 0.00	32.38 -4.80 0.00	32.38 -4.80 0.00	34.31 -5.49 0.00	38.85 -6.01 0.00	33.05 -5.76 0.10	32.16 -5.65 0.35	31.83 -5.37 0.10	32.04 -5.10 0.93	30.81 -4.97 1.29	33.16 -5.43 0.50	30.75 -6.12 7.48	30.45 -6.92 10.34	40.13 -7.50 4.42	44.80 -7.77 1.37	42.49 -7.56 3.55	38.10 -6.76 2.12	35.04 -6.18 0.01	33.40 -4.51 0.00
ONEIDA_HERK_LFGE 323681	39.69 0.59 0.00	37.32 0.48 0.00	35.59 0.28 0.00	34.17 0.17 0.00	33.88 -0.03 0.00	34.87 -0.07 0.00	37.18 0.00 0.00	37.14 -0.04 0.00	39.84 0.04 0.00	44.95 0.09 0.00	38.99 0.08 0.00	38.13 -0.04 0.00	37.27 -0.04 0.00	38.06 0.00 0.00	37.18 0.11 0.00	39.29 0.20 0.00	44.74 0.40 0.00	48.28 0.57 0.00	52.84 0.78 0.00	54.85 0.92 0.00	54.35 0.75 0.00	47.59 0.61 0.00	41.76 0.53 0.00	38.29 0.38 0.00
ONEIDA__115KV_TB4 55905	39.76 0.66 0.00	37.47 0.63 0.00	35.80 0.49 0.00	34.50 0.51 0.00	34.36 0.44 0.00	35.42 0.49 0.00	37.74 0.56 0.00	37.73 0.56 0.00	40.39 0.60 0.00	45.53 0.67 0.00	39.46 0.54 0.00	38.59 0.42 0.00	37.72 0.41 0.00	38.40 0.34 0.00	37.48 0.41 0.00	39.56 0.47 0.00	44.96 0.62 0.00	48.52 0.81 0.00	53.04 0.99 0.00	55.12 1.19 0.00	54.62 1.02 0.00	47.78 0.80 0.00	41.93 0.70 0.00	38.52 0.61 0.00
ONONDAGA_REF_OCCRA 23987	38.87 -0.23 0.00	36.62 -0.22 0.00	35.02 -0.28 0.00	33.79 -0.20 0.00	33.68 -0.24 0.00	34.76 -0.17 0.00	36.96 -0.22 0.00	37.02 -0.15 0.00	39.60 -0.20 0.00	44.68 -0.18 0.00	38.72 -0.19 0.00	37.90 -0.27 0.00	37.08 -0.22 0.00	37.80 -0.27 0.00	36.85 -0.22 0.00	38.86 -0.23 0.00	44.33 -0.22 -0.21	47.76 -0.24 -0.29	51.92 -0.26 -0.12	53.75 -0.22 -0.03	53.38 -0.21 0.00	46.70 -0.28 0.00	40.94 -0.29 0.00	37.76 -0.15 0.00
ONONDAGA__COGEN 23986	38.94 -0.16 0.00	36.70 -0.15 0.00	35.09 -0.21 0.00	33.86 -0.14 0.00	33.75 -0.17 0.00	34.83 -0.10 0.00	37.03 -0.15 0.00	37.10 -0.07 0.00	39.68 -0.12 0.00	44.77 -0.09 0.00	38.80 -0.12 0.00	38.01 -0.15 0.00	37.20 -0.11 0.00	37.91 -0.15 0.00	36.92 -0.12 0.00	38.97 -0.12 0.00	44.21 -0.13 0.00	47.56 -0.14 0.00	51.85 -0.21 0.00	53.77 -0.16 0.00	53.44 -0.16 0.00	46.74 -0.23 0.00	41.02 -0.21 0.00	37.80 -0.11 0.00
ONTARIO__LFGE 23819	38.47 -0.63 0.00	36.25 -0.59 0.00	34.60 -0.71 0.00	33.38 -0.61 0.00	33.31 -0.61 0.00	34.59 -0.35 0.00	36.81 -0.37 0.00	36.76 -0.41 0.00	39.20 -0.60 0.00	44.23 -0.63 0.00	38.18 -0.74 0.00	37.25 -0.92 0.00	36.49 -0.82 0.00	37.11 -0.95 0.00	36.15 -0.93 0.00	38.19 -0.90 0.00	42.62 -0.98 0.74	45.72 -0.95 1.04	50.64 -0.99 0.43	52.74 -1.08 0.11	52.46 -0.86 0.28	45.93 -0.89 0.16	40.53 -0.70 0.00	37.53 -0.38 0.00
ORANGEVILLE_WT_PWR 323706	35.35 -3.75 0.00	33.31 -3.54 0.00	31.74 -3.56 0.00	30.53 -3.47 0.00	30.52 -3.39 0.00	32.04 -2.90 0.00	33.94 -3.23 0.00	33.60 -3.57 0.00	35.70 -4.10 0.00	40.51 -4.35 0.00	34.87 -3.97 0.08	33.86 -4.05 0.26	33.54 -3.69 0.08	33.28 -4.11 0.67	32.09 -4.04 0.94	34.47 -4.26 0.36	33.46 -4.97 5.91	34.18 -5.34 8.19	42.84 -5.73 3.49	47.10 -5.77 1.07	45.13 -5.68 2.79	40.20 -5.12 1.65	37.14 -4.08 0.01	34.99 -2.92 0.00
ORANGEVILLE__ESR 323794	35.35 -3.75 0.00	33.31 -3.54 0.00	31.74 -3.56 0.00	30.53 -3.47 0.00	30.52 -3.39 0.00	32.04 -2.90 0.00	33.94 -3.23 0.00	33.60 -3.57 0.00	35.70 -4.10 0.00	40.51 -4.35 0.00	34.87 -3.97 0.08	33.86 -4.05 0.26	33.54 -3.69 0.08	33.28 -4.11 0.67	32.09 -4.04 0.94	34.47 -4.26 0.36	33.46 -4.97 5.91	34.18 -5.34 8.19	42.84 -5.73 3.49	47.10 -5.77 1.07	45.13 -5.68 2.79	40.20 -5.12 1.65	37.14 -4.08 0.01	34.99 -2.92 0.00
OSWEGATCHIE__HYD 24044	38.91 -0.19 0.00	36.44 -0.40 0.00	34.63 -0.67 0.00	33.15 -0.85 0.00	32.90 -1.02 0.00	33.71 -1.22 0.00	35.95 -1.23 0.00	35.95 -1.23 0.00	38.56 -1.23 0.00	43.60 -1.26 0.00	37.75 -1.17 0.00	36.98 -1.18 0.00	36.04 -1.27 0.00	36.92 -1.14 0.00	36.03 -1.04 0.00	38.15 -0.94 0.00	43.45 -0.89 0.00	46.80 -0.91 0.00	51.28 -0.78 0.00	53.23 -0.70 0.00	52.74 -0.86 0.00	46.51 -0.47 0.00	40.90 -0.33 0.00	37.38 -0.53 0.00
OSWEGO__5 23606	38.24 -0.86 0.00	36.03 -0.81 0.00	34.53 -0.78 0.00	33.25 -0.75 0.00	33.20 -0.71 0.00	34.24 -0.70 0.00	36.44 -0.74 0.00	36.39 -0.78 0.00	38.96 -0.84 0.00	43.91 -0.94 0.00	38.06 -0.86 0.00	37.33 -0.84 0.00	36.49 -0.82 0.00	37.22 -0.84 0.00	36.26 -0.82 0.00	38.27 -0.82 0.00	43.41 -0.93 0.00	46.66 -1.05 0.00	50.91 -1.15 0.00	52.80 -1.14 0.00	52.47 -1.13 0.00	45.94 -1.03 0.00	40.28 -0.95 0.00	37.11 -0.80 0.00

OSWEGO___6 23613	38.24 -0.86 0.00	36.03 -0.81 0.00	34.53 -0.78 0.00	33.25 -0.75 0.00	33.20 -0.71 0.00	34.24 -0.70 0.00	36.44 -0.74 0.00	36.39 -0.78 0.00	38.96 -0.84 0.00	43.91 -0.94 0.00	38.06 -0.86 0.00	37.33 -0.84 0.00	36.49 -0.82 0.00	37.22 -0.84 0.00	36.26 -0.82 0.00	38.27 -0.82 0.00	43.41 -0.93 0.00	46.66 -1.05 0.00	50.91 -1.15 0.00	52.80 -1.14 0.00	52.47 -1.13 0.00	45.94 -1.03 0.00	40.28 -0.95 0.00	37.11 -0.80 0.00
OUTOKUMPU-AB___DRP 24206	34.60 -4.50 0.00	32.75 -4.09 0.00	31.32 -3.99 0.00	30.12 -3.88 0.00	30.22 -3.70 0.00	31.83 -3.11 0.00	32.94 -4.24 0.00	32.90 -4.27 0.00	34.90 -4.90 0.00	39.56 -5.29 0.00	33.86 -4.94 0.11	32.90 -4.89 0.38	32.64 -4.55 0.11	32.42 -4.64 1.00	31.14 -4.52 1.40	33.75 -4.81 0.53	30.88 -5.63 7.83	30.53 -6.35 10.83	40.49 -6.92 4.64	45.38 -7.12 1.44	42.96 -6.91 3.72	38.56 -6.20 2.22	35.82 -5.40 0.01	34.01 -3.90 0.00
OXBOW___BTM 323836	34.49 -4.61 0.00	32.64 -4.20 0.00	31.25 -4.06 0.00	30.05 -3.94 0.00	30.12 -3.80 0.00	31.72 -3.21 0.00	33.24 -3.94 0.00	32.64 -4.54 0.00	34.63 -5.17 0.00	39.25 -5.61 0.00	33.63 -5.18 0.11	32.57 -5.23 0.37	32.27 -4.93 0.11	32.26 -4.83 0.96	31.01 -4.71 1.35	33.49 -5.08 0.52	30.88 -5.81 7.66	30.54 -6.58 10.59	40.34 -7.18 4.53	45.20 -7.33 1.40	42.78 -7.18 3.64	38.42 -6.39 2.17	35.45 -5.77 0.01	33.74 -4.17 0.00
OXBOW___ 24026	34.49 -4.61 0.00	32.64 -4.20 0.00	31.21 -4.10 0.00	30.02 -3.98 0.00	30.12 -3.80 0.00	31.72 -3.21 0.00	32.68 -4.50 0.00	32.64 -4.54 0.00	34.62 -5.17 0.00	39.25 -5.61 0.00	33.47 -5.33 0.11	32.57 -5.23 0.37	32.24 -4.96 0.11	32.26 -4.83 0.96	31.01 -4.71 1.35	33.49 -5.08 0.52	30.88 -5.81 7.66	30.54 -6.58 10.59	40.34 -7.18 4.53	45.14 -7.39 1.40	42.78 -7.18 3.64	38.37 -6.44 2.17	35.45 -5.77 0.01	33.74 -4.17 0.00
OXY_CHEM_DSASP 323612	34.33 -4.77 0.00	32.50 -4.35 0.00	31.07 -4.24 0.00	29.92 -4.08 0.00	30.01 -3.90 0.00	31.58 -3.35 0.00	32.38 -4.80 0.00	32.38 -4.80 0.00	34.31 -5.49 0.00	38.85 -6.01 0.00	33.05 -5.76 0.10	32.16 -5.65 0.35	31.83 -5.37 0.10	32.04 -5.10 0.93	30.81 -4.97 1.29	33.16 -5.43 0.50	30.75 -6.12 7.48	30.45 -6.92 10.34	40.13 -7.50 4.42	44.80 -7.77 1.37	42.49 -7.56 3.55	38.10 -6.76 2.12	35.04 -6.18 0.01	33.40 -4.51 0.00
OZONE_PARK_ESR 323760	40.62 1.52 0.00	38.39 1.55 0.00	36.75 1.45 0.00	35.32 1.33 0.00	35.24 1.32 0.00	36.30 1.36 0.00	38.78 1.60 0.00	38.88 1.71 0.00	41.83 2.03 0.00	47.28 2.42 0.00	41.17 2.26 0.00	40.34 2.18 0.00	39.47 2.16 0.00	40.38 2.32 0.00	39.37 2.30 0.00	41.51 2.42 0.00	47.05 2.70 0.00	50.57 2.86 0.00	54.87 2.81 0.00	57.11 3.18 0.00	56.92 3.32 0.00	49.66 2.68 0.00	43.50 2.27 0.00	39.73 1.82 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	34.33 -4.77 0.00	32.50 -4.35 0.00	31.07 -4.24 0.00	29.92 -4.08 0.00	30.01 -3.90 0.00	31.58 -3.35 0.00	32.38 -4.80 0.00	32.38 -4.80 0.00	34.31 -5.49 0.00	38.85 -6.01 0.00	33.05 -5.76 0.10	32.16 -5.65 0.35	31.83 -5.37 0.10	32.04 -5.10 0.93	30.81 -4.97 1.29	33.16 -5.43 0.50	30.75 -6.12 7.48	30.45 -6.92 10.34	40.13 -7.50 4.42	44.80 -7.77 1.37	42.49 -7.56 3.55	38.10 -6.76 2.12	35.04 -6.18 0.01	33.40 -4.51 0.00
PACKARD__115KV_DUPONT_184 80571	34.33 -4.77 0.00	32.50 -4.35 0.00	31.10 -4.20 0.00	29.95 -4.05 0.00	30.02 -3.90 0.00	31.58 -3.35 0.00	32.98 -4.20 0.00	32.38 -4.80 0.00	34.31 -5.49 0.00	38.85 -6.01 0.00	33.25 -5.57 0.10	32.16 -5.65 0.35	31.83 -5.37 0.10	32.04 -5.10 0.93	30.81 -4.97 1.29	33.20 -5.39 0.50	30.75 -6.12 7.48	30.50 -6.87 10.34	40.14 -7.50 4.42	44.85 -7.71 1.37	42.54 -7.50 3.55	38.14 -6.72 2.12	35.04 -6.19 0.01	33.40 -4.51 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	40.39 1.29 0.00	38.13 1.29 0.00	36.47 1.17 0.00	35.05 1.05 0.00	34.93 1.02 0.00	35.95 1.01 0.00	38.44 1.26 0.00	38.55 1.38 0.00	41.47 1.67 0.00	46.83 1.97 0.00	40.82 1.91 0.00	40.00 1.83 0.00	39.14 1.83 0.00	40.08 2.02 0.00	39.07 2.00 0.00	41.20 2.11 0.00	46.65 2.31 0.00	50.05 2.34 0.00	54.24 2.19 0.00	56.41 2.48 0.00	56.22 2.63 0.00	49.19 2.21 0.00	43.13 1.90 0.00	39.32 1.40 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	40.82 1.72 0.00	38.54 1.69 0.00	36.86 1.55 0.00	35.42 1.43 0.00	35.34 1.42 0.00	36.37 1.43 0.00	38.89 1.71 0.00	38.99 1.82 0.00	41.95 2.15 0.00	47.37 2.51 0.00	41.25 2.33 0.00	40.42 2.25 0.00	39.51 2.20 0.00	40.46 2.40 0.00	39.45 2.37 0.00	41.59 2.50 0.00	47.09 2.75 0.00	50.57 2.86 0.00	54.76 2.71 0.00	57.06 3.13 0.00	56.87 3.27 0.00	49.66 2.68 0.00	43.58 2.35 0.00	39.73 1.82 0.00
PATROON__115KV_TB1 80586	40.08 0.98 0.00	37.80 0.96 0.00	36.36 1.06 0.00	35.01 1.02 0.00	34.97 1.05 0.00	36.02 1.08 0.00	38.41 1.23 0.00	38.25 1.08 0.00	40.75 0.96 0.00	45.84 0.99 0.00	39.89 0.97 0.00	39.12 0.95 0.00	38.20 0.90 0.00	38.94 0.88 0.00	37.85 0.78 0.00	39.83 0.74 0.00	45.23 0.89 0.00	48.81 1.10 0.00	53.25 1.20 0.00	55.23 1.29 0.00	54.78 1.18 0.00	48.11 1.13 0.00	42.14 0.91 0.00	38.63 0.72 0.00
PATRSNVILLE___SOLAR 323815	40.08 0.98 0.00	37.77 0.92 0.00	36.29 0.99 0.00	34.95 0.95 0.00	34.86 0.95 0.00	35.95 1.01 0.00	38.33 1.15 0.00	38.21 1.04 0.00	40.83 1.03 0.00	45.84 0.99 0.00	39.73 0.82 0.00	38.93 0.76 0.00	38.05 0.75 0.00	38.78 0.72 0.00	37.78 0.70 0.00	39.83 0.74 0.00	45.32 0.97 0.00	49.00 1.29 0.00	53.67 1.62 0.00	55.66 1.73 0.00	55.26 1.66 0.00	48.39 1.41 0.00	42.43 1.20 0.00	38.86 0.95 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	35.50 -3.60 0.00	33.64 -3.21 0.00	32.13 -3.18 0.00	30.90 -3.09 0.00	30.96 -2.95 0.00	32.56 -2.38 0.00	34.09 -3.09 0.00	34.09 -3.09 0.00	36.14 -3.66 0.00	40.91 -3.95 0.00	35.04 -3.77 0.10	33.61 -4.24 0.32	33.78 -3.43 0.10	32.57 -4.64 0.85	31.32 -4.56 1.19	33.75 -4.89 0.45	31.54 -6.03 6.77	31.90 -6.44 9.37	40.81 -7.24 4.01	45.25 -7.44 1.24	42.98 -7.40 3.22	38.53 -6.53 1.92	37.22 -4.00 0.01	35.18 -2.73 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	40.62 1.52 0.00	38.32 1.47 0.00	36.79 1.48 0.00	35.32 1.33 0.00	35.27 1.36 0.00	36.37 1.43 0.00	38.78 1.60 0.00	38.85 1.67 0.00	41.67 1.87 0.00	47.10 2.24 0.00	40.90 1.98 0.00	40.00 1.83 0.00	39.14 1.83 0.00	40.00 1.94 0.00	39.00 1.93 0.00	41.16 2.07 0.00	46.69 2.35 0.00	50.28 2.58 0.00	54.71 2.65 0.00	57.01 3.07 0.00	56.60 3.00 0.00	49.33 2.35 0.00	43.25 2.02 0.00	39.54 1.63 0.00
PEEKSKILL____ 23653	40.23 1.13 0.00	37.99 1.14 0.00	36.43 1.13 0.00	35.05 1.05 0.00	34.93 1.02 0.00	36.02 1.08 0.00	38.29 1.11 0.00	38.51 1.34 0.00	41.31 1.51 0.00	46.60 1.75 0.00	40.55 1.63 0.00	39.77 1.60 0.00	38.87 1.57 0.00	39.73 1.67 0.00	38.74 1.67 0.00	40.85 1.76 0.00	46.34 2.00 0.00	49.80 2.10 0.00	54.19 2.14 0.00	56.41 2.48 0.00	56.12 2.52 0.00	48.95 1.97 0.00	42.92 1.69 0.00	39.24 1.33 0.00

PGE MADISON___WINDPWR 24146	40.90 1.80 0.00	38.39 1.55 0.00	36.54 1.24 0.00	35.22 1.22 0.00	35.00 1.09 0.00	36.16 1.22 0.00	38.59 1.41 0.00	38.62 1.45 0.00	41.51 1.71 0.00	46.88 2.02 0.00	40.59 1.67 0.00	39.58 1.41 0.00	38.65 1.34 0.00	39.24 1.18 0.00	38.44 1.37 0.00	40.69 1.60 0.00	47.36 2.00 -1.02	51.66 2.53 -1.42	55.77 3.12 -0.59	57.48 3.40 -0.16	56.78 3.11 -0.07	49.46 2.44 -0.04	43.37 2.14 0.00	39.77 1.86 0.00
PIERCEFIELD___HYD 23852	38.83 -0.27 0.00	36.29 -0.55 0.00	34.53 -0.78 0.00	33.14 -0.85 0.00	33.03 -0.88 0.00	33.82 -1.12 0.00	36.06 -1.12 0.00	36.09 -1.08 0.00	38.72 -1.07 0.00	43.87 -0.99 0.00	37.94 -0.97 0.00	37.29 -0.88 0.00	36.30 -1.01 0.00	37.19 -0.88 0.00	36.18 -0.89 0.00	38.31 -0.78 0.00	43.41 -0.93 0.00	46.56 -1.14 0.00	50.81 -1.25 0.00	52.53 -1.40 0.00	52.37 -1.23 0.00	46.32 -0.66 0.00	40.86 -0.37 0.00	37.34 -0.57 0.00
PINELAWN_CC_1 323563	40.86 1.76 0.00	38.58 1.73 0.00	37.03 1.73 0.00	35.53 1.53 0.00	35.41 1.49 0.00	36.54 1.61 0.00	38.37 1.19 0.00	38.88 1.71 0.00	41.87 2.07 0.00	47.32 2.47 0.00	41.57 2.65 -0.01	40.73 2.56 -0.01	39.82 2.50 -0.01	40.66 2.59 -0.01	39.64 2.56 -0.01	41.84 2.74 -0.01	47.45 3.10 -0.01	50.14 2.43 0.00	54.61 2.55 0.00	56.73 2.80 0.00	56.76 3.16 0.00	49.61 2.63 0.00	44.07 2.84 0.00	40.26 2.35 0.00
PJM_GEN_HTP_PROXY 323702	40.43 1.33 0.00	38.17 1.32 0.00	36.57 1.27 0.00	35.18 1.19 0.00	35.07 1.15 0.00	36.12 1.19 0.00	38.44 1.26 0.00	38.70 1.52 0.00	42.92 1.79 -1.33	45.64 2.11 1.33	40.90 1.98 0.00	40.11 1.95 0.00	39.21 1.90 0.00	40.12 2.05 0.00	39.11 2.04 0.00	41.24 2.15 0.00	46.73 2.39 0.00	50.23 2.53 0.00	54.50 2.45 0.00	56.73 2.80 0.00	56.54 2.95 0.00	49.33 2.35 0.00	43.25 2.02 0.00	39.47 1.56 0.00
PJM_GEN_KEystone 24065	37.77 -1.33 0.00	35.74 -1.10 0.00	34.21 -1.09 0.00	32.94 -1.05 0.00	32.86 -1.05 0.00	34.13 -0.80 0.00	36.25 -0.93 0.00	36.24 -0.93 0.00	39.97 -1.16 -1.33	42.27 -1.26 1.33	36.02 -1.17 1.73	35.00 -1.30 1.87	35.00 -1.08 1.22	34.42 -1.33 2.31	33.81 -1.26 2.00	32.00 -1.37 5.72	34.36 -1.64 8.34	42.13 -1.81 3.76	48.36 -2.03 1.66	51.41 -1.89 0.64	50.37 -1.82 1.41	44.43 -1.79 0.76	39.95 -1.28 0.00	37.00 -0.91 0.00
PJM_GEN_NEPTUNE_PROXY 323594	40.47 1.37 0.00	38.21 1.36 0.00	36.72 1.41 0.00	35.22 1.22 0.00	35.10 1.19 0.00	36.19 1.26 0.00	38.11 0.93 0.00	38.58 1.41 0.00	42.88 1.75 -1.33	45.59 2.06 1.33	41.14 2.22 -0.01	40.35 2.17 -0.01	39.44 2.13 -0.01	40.28 2.21 -0.01	39.27 2.19 -0.01	41.41 2.31 -0.01	46.96 2.62 -0.01	49.71 2.00 0.00	54.08 2.03 0.00	56.25 2.32 0.00	56.17 2.57 0.00	49.09 2.12 0.00	43.54 2.31 0.00	39.81 1.89 0.00
PJM_GEN_VFT_PROXY 323633	40.23 1.13 0.01	37.98 1.14 0.01	36.39 1.10 0.01	35.01 1.02 0.01	34.89 0.98 0.01	35.94 1.01 0.01	38.25 1.08 0.01	38.50 1.34 0.01	42.71 1.59 -1.32	45.40 1.88 1.34	40.70 1.79 0.01	39.92 1.76 0.01	39.02 1.72 0.01	39.92 1.86 0.01	38.92 1.85 0.01	41.04 1.95 0.01	46.51 2.17 0.01	49.99 2.29 0.01	53.38 2.19 0.86	54.33 2.48 2.09	54.33 2.63 1.90	49.09 2.12 0.01	43.03 1.81 0.01	39.27 1.36 0.01
PLATSBURG_115KV_PMLD1 355749	40.08 0.98 0.00	37.47 0.63 0.00	35.66 0.35 0.00	34.20 0.20 0.00	34.12 0.20 0.00	34.94 0.00 0.00	37.22 0.04 0.00	37.32 0.15 0.00	40.04 0.24 0.00	45.40 0.54 0.00	39.38 0.47 0.00	38.74 0.57 0.00	37.79 0.48 0.00	38.67 0.61 0.00	37.59 0.52 0.00	39.76 0.66 0.00	44.92 0.58 0.00	48.14 0.43 0.00	52.37 0.31 0.00	54.15 0.22 0.00	54.03 0.43 0.00	47.73 0.75 0.00	42.05 0.82 0.00	38.60 0.68 0.00
PLEASANTVLY___LBMP 24000	40.08 0.98 0.00	37.88 1.03 0.00	36.33 1.02 0.00	34.95 0.95 0.00	34.86 0.95 0.00	35.91 0.98 0.00	38.33 1.15 0.00	38.36 1.19 0.00	41.15 1.35 0.00	46.38 1.53 0.00	40.40 1.48 0.00	39.58 1.41 0.00	38.69 1.38 0.00	39.51 1.45 0.00	38.48 1.41 0.00	40.58 1.49 0.00	46.03 1.68 0.00	49.52 1.81 0.00	53.93 1.87 0.00	56.03 2.10 0.00	55.74 2.14 0.00	48.72 1.74 0.00	42.67 1.44 0.00	39.01 1.10 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.27 1.17 0.00	38.02 1.18 0.00	36.47 1.17 0.00	35.05 1.05 0.00	34.97 1.05 0.00	36.05 1.12 0.00	38.48 1.30 0.00	38.55 1.38 0.00	41.35 1.55 0.00	46.65 1.79 0.00	40.59 1.67 0.00	39.81 1.64 0.00	38.91 1.60 0.00	39.77 1.71 0.00	38.74 1.67 0.00	40.85 1.76 0.00	46.34 2.00 0.00	49.81 2.10 0.00	54.19 2.13 0.00	56.41 2.48 0.00	56.12 2.52 0.00	48.95 1.97 0.00	42.92 1.69 0.00	39.24 1.33 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.27 1.17 0.00	38.02 1.18 0.00	36.47 1.17 0.00	35.05 1.05 0.00	34.97 1.05 0.00	36.05 1.12 0.00	38.48 1.30 0.00	38.55 1.38 0.00	41.35 1.55 0.00	46.65 1.79 0.00	40.59 1.67 0.00	39.81 1.64 0.00	38.91 1.60 0.00	39.77 1.71 0.00	38.74 1.67 0.00	40.85 1.76 0.00	46.34 2.00 0.00	49.81 2.10 0.00	54.19 2.13 0.00	56.41 2.48 0.00	56.12 2.52 0.00	48.95 1.97 0.00	42.92 1.69 0.00	39.24 1.33 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.39 1.29 0.00	38.13 1.29 0.00	36.58 1.27 0.00	35.18 1.19 0.00	35.10 1.19 0.00	36.16 1.22 0.00	38.63 1.45 0.00	38.51 1.34 0.00	41.35 1.55 0.00	46.56 1.70 0.00	40.47 1.56 0.00	39.62 1.45 0.00	38.73 1.42 0.00	39.55 1.48 0.00	38.56 1.48 0.00	40.65 1.56 0.00	46.25 1.91 0.00	49.81 2.10 0.00	54.29 2.24 0.00	56.41 2.48 0.00	56.06 2.47 0.00	49.00 2.02 0.00	42.88 1.65 0.00	39.24 1.33 0.00
POLETTI___ 23519	40.31 1.21 0.00	38.10 1.25 0.00	36.47 1.17 0.00	35.05 1.05 0.00	34.97 1.05 0.00	36.02 1.08 0.00	38.48 1.30 0.00	38.59 1.41 0.00	41.47 1.67 0.00	46.83 1.97 0.00	40.78 1.87 0.00	40.00 1.83 0.00	39.10 1.79 0.00	40.00 1.94 0.00	39.00 1.93 0.00	41.12 2.03 0.00	46.60 2.26 0.00	50.09 2.39 0.00	54.35 2.29 0.00	56.57 2.64 0.00	56.39 2.79 0.00	49.19 2.21 0.00	43.13 1.90 0.00	39.39 1.48 0.00
POMONA___ESR 323819	40.16 1.06 0.00	37.95 1.10 0.00	36.40 1.10 0.00	35.01 1.02 0.00	34.86 0.95 0.00	35.95 1.01 0.00	38.26 1.08 0.00	38.40 1.22 0.00	41.23 1.43 0.00	46.47 1.61 0.00	40.43 1.52 0.00	39.62 1.45 0.00	38.76 1.45 0.00	39.59 1.52 0.00	38.63 1.56 0.00	40.73 1.64 0.00	46.25 1.91 0.00	49.71 2.00 0.00	54.08 2.03 0.00	56.30 2.37 0.00	56.07 2.47 0.00	48.86 1.88 0.00	42.84 1.61 0.00	39.16 1.25 0.00
PORT_JEFF_3 23555	40.98 1.88 0.00	38.72 1.88 0.00	37.21 1.91 0.00	35.66 1.67 0.00	35.54 1.63 0.00	36.65 1.71 0.00	38.44 1.26 0.00	38.99 1.82 0.00	41.95 2.15 0.00	47.46 2.60 0.00	41.96 3.04 -0.01	41.07 2.90 -0.01	40.12 2.80 -0.01	41.00 2.93 -0.01	39.98 2.89 -0.01	42.19 3.09 -0.01	47.85 3.50 -0.01	50.52 2.81 0.00	55.02 2.97 0.00	57.00 3.07 0.00	57.13 3.54 0.00	49.94 2.96 0.00	44.36 3.13 0.00	40.53 2.61 0.00

PORT_JEFF_4 23616	40.98 1.88 0.00	38.72 1.88 0.00	37.21 1.91 0.00	35.66 1.67 0.00	35.54 1.63 0.00	36.65 1.71 0.00	38.44 1.26 0.00	38.99 1.82 0.00	41.95 2.15 0.00	47.46 2.60 0.00	41.96 3.04 -0.01	41.07 2.90 -0.01	40.12 2.80 -0.01	41.00 2.93 -0.01	39.98 2.89 -0.01	42.19 3.09 -0.01	47.85 3.50 -0.01	50.52 2.81 0.00	55.02 2.97 0.00	57.00 3.07 0.00	57.13 3.54 0.00	49.94 2.96 0.00	44.36 3.13 0.00	40.53 2.61 0.00
PORT_JEFF_IC 23713	41.02 1.92 0.00	38.76 1.92 0.00	37.10 1.80 0.00	35.66 1.67 0.00	35.54 1.63 0.00	36.68 1.75 0.00	38.78 1.60 0.00	39.03 1.86 0.00	41.99 2.19 0.00	47.50 2.65 0.00	42.04 3.11 -0.01	41.15 2.98 -0.01	40.19 2.87 -0.01	41.08 3.01 -0.01	40.01 2.93 -0.01	42.27 3.17 -0.01	47.94 3.59 -0.01	50.71 3.01 0.00	55.13 3.07 0.00	57.22 3.29 0.00	57.08 3.48 0.00	49.98 3.01 0.00	44.40 3.17 0.00	40.57 2.65 0.00
PPL_PILGRIM_ST_GT1 24216	41.09 1.99 0.00	38.80 1.95 0.00	37.28 1.98 0.00	35.73 1.73 0.00	35.61 1.70 0.00	36.75 1.82 0.00	38.59 1.41 0.00	39.10 1.93 0.00	42.11 2.31 0.00	47.59 2.74 0.00	41.92 3.00 -0.01	41.08 2.90 -0.01	40.12 2.80 -0.01	41.00 2.93 -0.01	39.94 2.85 -0.01	42.15 3.05 -0.01	47.81 3.46 -0.01	50.43 2.72 0.00	54.92 2.86 0.00	57.00 3.07 0.00	57.03 3.43 0.00	49.89 2.91 0.00	44.36 3.13 0.00	40.53 2.61 0.00
PPL_PILGRIM_ST_GT2 24217	41.09 1.99 0.00	38.80 1.95 0.00	37.28 1.98 0.00	35.73 1.73 0.00	35.61 1.70 0.00	36.75 1.82 0.00	38.59 1.41 0.00	39.10 1.93 0.00	42.11 2.31 0.00	47.59 2.74 0.00	41.92 3.00 -0.01	41.08 2.90 -0.01	40.12 2.80 -0.01	41.00 2.93 -0.01	39.94 2.85 -0.01	42.15 3.05 -0.01	47.81 3.46 -0.01	50.43 2.72 0.00	54.92 2.86 0.00	57.00 3.07 0.00	57.03 3.43 0.00	49.89 2.91 0.00	44.36 3.13 0.00	40.53 2.61 0.00
PPL_SHRM_GT3 24213	40.82 1.72 0.00	38.65 1.80 0.00	37.14 1.83 0.00	35.59 1.60 0.00	35.44 1.53 0.00	36.58 1.64 0.00	38.26 1.08 0.00	38.85 1.67 0.00	41.71 1.91 0.00	47.19 2.33 0.00	42.12 3.19 -0.01	41.23 3.05 -0.01	40.26 2.95 -0.01	41.15 3.08 -0.01	40.08 3.00 -0.01	42.34 3.24 -0.01	48.07 3.73 -0.01	50.76 3.06 0.00	55.34 3.28 0.00	57.00 3.07 0.00	57.35 3.75 0.00	50.08 3.10 0.00	44.45 3.22 0.00	40.72 2.81 0.00
PPL_SHRM_GT4 24214	40.82 1.72 0.00	38.65 1.80 0.00	37.14 1.83 0.00	35.59 1.60 0.00	35.44 1.53 0.00	36.58 1.64 0.00	38.26 1.08 0.00	38.85 1.67 0.00	41.71 1.91 0.00	47.19 2.33 0.00	42.12 3.19 -0.01	41.23 3.05 -0.01	40.26 2.95 -0.01	41.15 3.08 -0.01	40.08 3.00 -0.01	42.34 3.24 -0.01	48.07 3.73 -0.01	50.76 3.06 0.00	55.34 3.28 0.00	57.00 3.07 0.00	57.35 3.75 0.00	50.08 3.10 0.00	44.45 3.22 0.00	40.72 2.81 0.00
PROJECT___ORANGE 1 24174	38.75 -0.35 0.00	36.51 -0.33 0.00	34.95 -0.35 0.00	33.69 -0.31 0.00	33.61 -0.31 0.00	34.66 -0.28 0.00	36.84 -0.33 0.00	36.88 -0.30 0.00	39.48 -0.32 0.00	44.54 -0.31 0.00	38.60 -0.31 0.00	37.82 -0.34 0.00	37.01 -0.30 0.00	37.76 -0.30 0.00	36.78 -0.30 0.00	38.82 -0.27 0.00	44.03 -0.31 0.00	47.33 -0.38 0.00	51.59 -0.47 0.00	53.50 -0.43 0.00	53.17 -0.43 0.00	46.51 -0.47 0.00	40.82 -0.41 0.00	37.61 -0.30 0.00
PROJECT___ORANGE 2 24166	38.75 -0.35 0.00	36.51 -0.33 0.00	34.95 -0.35 0.00	33.69 -0.31 0.00	33.61 -0.31 0.00	34.66 -0.28 0.00	36.84 -0.33 0.00	36.88 -0.30 0.00	39.48 -0.32 0.00	44.54 -0.31 0.00	38.60 -0.31 0.00	37.82 -0.34 0.00	37.01 -0.30 0.00	37.76 -0.30 0.00	36.78 -0.30 0.00	38.82 -0.27 0.00	44.03 -0.31 0.00	47.33 -0.38 0.00	51.59 -0.47 0.00	53.50 -0.43 0.00	53.17 -0.43 0.00	46.51 -0.47 0.00	40.82 -0.41 0.00	37.61 -0.30 0.00
PUCKETT___SOLAR 323809	39.26 0.16 0.00	37.03 0.19 0.00	35.41 0.11 0.00	34.13 0.14 0.00	34.02 0.10 0.00	35.18 0.25 0.00	37.44 0.26 0.00	37.47 0.30 0.00	40.04 0.24 0.00	45.13 0.27 0.00	38.98 0.08 0.02	38.00 -0.11 0.05	37.25 -0.04 0.02	37.74 -0.19 0.13	36.77 -0.11 0.19	38.98 -0.04 0.07	43.26 0.04 1.13	46.34 0.19 1.56	51.70 0.31 0.67	54.16 0.43 0.20	53.86 0.38 0.12	47.03 0.14 0.08	41.48 0.25 0.00	38.25 0.34 0.00
PYRITES___HYD 24023	39.65 0.55 0.00	37.03 0.18 0.00	35.23 -0.07 0.00	33.86 -0.14 0.00	33.78 -0.14 0.00	34.59 -0.35 0.00	36.88 -0.30 0.00	36.84 -0.33 0.00	39.44 -0.36 0.00	44.59 -0.27 0.00	38.49 -0.43 0.00	37.75 -0.42 0.00	36.75 -0.56 0.00	37.64 -0.42 0.00	36.59 -0.48 0.00	38.74 -0.35 0.00	43.99 -0.35 0.00	47.28 -0.43 0.00	51.80 -0.26 0.00	53.66 -0.27 0.00	53.44 -0.16 0.00	47.31 0.33 0.00	41.72 0.49 0.00	38.14 0.23 0.00
QUAKERRD_115KV_BK1 80622	36.95 -2.15 0.00	34.85 -1.99 0.00	33.29 -2.01 0.00	32.16 -1.84 0.00	32.15 -1.76 0.00	33.36 -1.57 0.00	35.28 -1.90 0.00	35.28 -1.90 0.00	37.77 -2.03 0.00	42.75 -2.11 0.00	36.87 -2.06 -0.02	36.25 -1.98 -0.07	35.42 -1.90 -0.02	36.41 -1.83 -0.18	35.54 -1.78 -0.25	37.39 -1.80 -0.09	43.20 -2.08 -0.94	46.57 -2.43 -1.30	49.97 -2.65 -0.57	51.37 -2.75 -0.19	51.40 -2.63 -0.42	44.75 -2.49 -0.26	38.84 -2.39 0.00	36.05 -1.86 0.00
QUENSBRY_115KV_TB8 356137	40.74 1.64 0.00	38.35 1.51 0.00	36.89 1.59 0.00	35.56 1.56 0.00	35.51 1.59 0.00	36.65 1.71 0.00	39.15 1.97 0.00	38.85 1.67 0.00	41.59 1.79 0.00	46.92 2.06 0.00	40.75 1.83 0.00	39.85 1.68 0.00	38.87 1.57 0.00	39.58 1.52 0.00	38.44 1.37 0.00	40.54 1.45 0.00	46.16 1.82 0.00	50.00 2.29 0.00	54.66 2.60 0.00	56.79 2.86 0.00	56.22 2.63 0.00	49.23 2.25 0.00	43.09 1.86 0.00	39.47 1.55 0.00
RAMAPO___LBMP 323565	40.00 0.90 0.00	37.84 0.99 0.00	36.22 0.92 0.00	34.84 0.85 0.00	34.76 0.85 0.00	35.81 0.87 0.00	38.26 1.08 0.00	38.29 1.12 0.00	41.07 1.27 0.00	46.34 1.48 0.00	40.32 1.40 0.00	39.46 1.30 0.00	38.61 1.31 0.00	39.47 1.41 0.00	38.48 1.41 0.00	40.58 1.49 0.00	46.03 1.68 0.00	49.47 1.77 0.00	53.88 1.82 0.00	56.09 2.16 0.00	55.80 2.20 0.00	48.67 1.69 0.00	42.67 1.44 0.00	39.05 1.14 0.00
RANKINE____ 23646	34.96 -4.14 0.00	33.09 -3.76 0.00	31.60 -3.71 0.00	30.39 -3.60 0.00	30.46 -3.46 0.00	32.07 -2.86 0.00	33.46 -3.72 0.00	33.46 -3.72 0.00	35.50 -4.30 0.00	40.24 -4.62 0.00	34.42 -4.40 0.10	33.34 -4.50 0.33	33.18 -4.03 0.10	32.59 -4.61 0.86	31.38 -4.49 1.21	33.86 -4.77 0.46	31.74 -5.68 6.92	31.83 -6.30 9.58	41.04 -6.92 4.10	45.60 -7.07 1.26	43.34 -6.97 3.29	38.82 -6.20 1.96	36.52 -4.70 0.01	34.58 -3.34 0.00
RAVENSWOOD_GT2_1 24244	40.43 1.33 0.00	38.17 1.33 0.00	36.54 1.24 0.00	35.15 1.16 0.00	35.07 1.15 0.00	36.12 1.19 0.00	38.59 1.41 0.00	38.66 1.49 0.00	41.55 1.75 0.00	46.97 2.11 0.00	40.90 1.98 0.00	40.08 1.91 0.00	39.21 1.90 0.00	40.12 2.06 0.00	39.11 2.04 0.00	41.20 2.11 0.00	46.74 2.39 0.00	50.19 2.48 0.00	54.50 2.45 0.00	56.68 2.75 0.00	56.49 2.89 0.00	49.28 2.30 0.00	43.21 1.98 0.00	39.47 1.55 0.00

RAVENSWOOD_GT_9 24257	40.43 1.33 0.00	38.17 1.33 0.00	36.54 1.24 0.00	35.15 1.16 0.00	35.07 1.15 0.00	36.12 1.19 0.00	38.59 1.41 0.00	38.66 1.49 0.00	41.55 1.75 0.00	46.97 2.11 0.00	40.90 1.98 0.00	40.08 1.91 0.00	39.21 1.90 0.00	40.12 2.06 0.00	39.11 2.04 0.00	41.20 2.11 0.00	46.74 2.39 0.00	50.19 2.48 0.00	54.50 2.45 0.00	56.68 2.75 0.00	56.49 2.89 0.00	49.28 2.30 0.00	43.21 1.98 0.00	39.47 1.55 0.00
RAVENSWOOD___1 23533	40.47 1.37 0.00	38.21 1.36 0.00	36.61 1.31 0.00	35.18 1.19 0.00	35.07 1.15 0.00	36.12 1.19 0.00	38.44 1.26 0.00	38.73 1.56 0.00	41.63 1.83 0.00	47.05 2.20 0.00	40.98 2.06 0.00	40.19 2.02 0.00	39.32 2.01 0.00	40.23 2.17 0.00	39.22 2.15 0.00	41.36 2.27 0.00	46.82 2.48 0.00	50.28 2.57 0.00	54.45 2.40 0.00	56.68 2.75 0.00	56.49 2.89 0.00	49.37 2.39 0.00	43.29 2.06 0.00	39.50 1.59 0.00
RAVENSWOOD___2 23534	40.47 1.37 0.00	38.21 1.36 0.00	36.57 1.27 0.00	35.18 1.19 0.00	35.07 1.15 0.00	36.09 1.15 0.00	38.44 1.26 0.00	38.70 1.52 0.00	41.63 1.83 0.00	47.01 2.15 0.00	40.94 2.02 0.00	40.19 2.02 0.00	39.28 1.98 0.00	40.23 2.17 0.00	39.22 2.15 0.00	41.36 2.27 0.00	46.82 2.48 0.00	50.28 2.57 0.00	54.45 2.40 0.00	56.63 2.70 0.00	56.44 2.84 0.00	49.37 2.39 0.00	43.29 2.06 0.00	39.43 1.52 0.00
RAVENSWOOD___3 23535	40.43 1.33 0.00	38.17 1.32 0.00	36.57 1.27 0.00	35.18 1.19 0.00	35.07 1.15 0.00	36.12 1.19 0.00	38.44 1.26 0.00	38.70 1.52 0.00	41.55 1.75 0.00	46.97 2.11 0.00	40.86 1.94 0.00	40.07 1.91 0.00	39.21 1.90 0.00	40.12 2.05 0.00	39.11 2.04 0.00	41.24 2.15 0.00	46.73 2.39 0.00	50.19 2.48 0.00	54.50 2.45 0.00	56.68 2.75 0.00	56.49 2.89 0.00	49.28 2.30 0.00	43.21 1.98 0.00	39.47 1.56 0.00
RAVENSWOOD___4 23820	40.47 1.37 0.00	38.21 1.36 0.00	36.57 1.27 0.00	35.18 1.19 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.44 1.26 0.00	38.70 1.52 0.00	41.63 1.83 0.00	47.01 2.15 0.00	40.94 2.02 0.00	40.15 1.98 0.00	39.28 1.98 0.00	40.23 2.17 0.00	39.18 2.11 0.00	41.32 2.23 0.00	46.82 2.48 0.00	50.23 2.53 0.00	54.45 2.40 0.00	56.63 2.70 0.00	56.44 2.84 0.00	49.37 2.39 0.00	43.29 2.06 0.00	39.47 1.56 0.00
RCPI_TRUST___DRP 24196	40.47 1.37 0.00	38.21 1.36 0.00	36.61 1.31 0.00	35.18 1.19 0.00	35.10 1.19 0.00	36.16 1.22 0.00	38.63 1.45 0.00	38.73 1.56 0.00	41.63 1.83 0.00	47.01 2.15 0.00	40.98 2.06 0.00	40.15 1.98 0.00	39.28 1.98 0.00	40.16 2.09 0.00	39.15 2.08 0.00	41.28 2.19 0.00	46.78 2.44 0.00	50.28 2.58 0.00	54.61 2.55 0.00	56.79 2.86 0.00	56.60 3.00 0.00	49.37 2.40 0.00	43.29 2.06 0.00	39.50 1.59 0.00
RED___ROCHESTER 323720	37.53 -1.57 0.00	35.41 -1.44 0.00	33.79 -1.52 0.00	32.67 -1.33 0.00	32.63 -1.29 0.00	33.96 -0.98 0.00	36.10 -1.08 0.00	35.84 -1.34 0.00	38.33 -1.47 0.00	43.47 -1.39 0.00	37.55 -1.40 -0.03	36.90 -1.37 -0.11	36.03 -1.31 -0.03	37.12 -1.22 -0.28	36.31 -1.15 -0.39	38.10 -1.13 -0.15	44.65 -1.33 -1.64	48.30 -1.67 -2.26	51.27 -1.77 -0.98	52.36 -1.89 -0.32	52.70 -1.66 -0.76	45.75 -1.69 -0.46	39.46 -1.77 0.00	36.70 -1.21 0.00
REGAN___SOLAR 323812	40.94 1.84 0.00	38.54 1.70 0.00	37.03 1.73 0.00	35.66 1.67 0.00	35.58 1.66 0.00	36.72 1.78 0.00	39.22 2.04 0.00	39.03 1.86 0.00	41.55 1.75 0.00	46.56 1.70 0.00	40.20 1.28 0.00	39.35 1.18 0.00	38.43 1.12 0.00	39.13 1.06 0.00	38.11 1.04 0.00	40.26 1.17 0.00	46.03 1.68 0.00	50.09 2.38 0.00	55.02 2.97 0.00	57.22 3.29 0.00	56.71 3.11 0.00	49.65 2.68 0.00	43.45 2.22 0.00	39.69 1.78 0.00
RENSSELAER___COGEN 23796	39.88 0.78 0.00	37.65 0.81 0.00	36.22 0.92 0.00	34.91 0.92 0.00	34.83 0.92 0.00	35.88 0.94 0.00	38.22 1.04 0.00	38.10 0.93 0.00	40.59 0.80 0.00	45.62 0.76 0.00	39.65 0.74 0.00	38.93 0.76 0.00	38.01 0.71 0.00	38.75 0.69 0.00	37.66 0.59 0.00	39.64 0.55 0.00	45.01 0.67 0.00	48.52 0.81 0.00	52.99 0.94 0.00	54.90 0.97 0.00	54.56 0.97 0.00	47.87 0.89 0.00	41.93 0.70 0.00	38.44 0.53 0.00
REPUBLIC_115KV_BARTNBRK 55605	41.13 2.03 0.00	38.69 1.84 0.00	37.25 1.94 0.00	35.86 1.87 0.00	35.85 1.93 0.00	37.07 2.13 0.00	39.67 2.49 0.00	39.29 2.12 0.00	41.99 2.19 0.00	47.41 2.56 0.00	41.10 2.18 0.00	40.11 1.95 0.00	39.14 1.83 0.00	39.81 1.75 0.00	38.59 1.52 0.00	40.77 1.68 0.00	46.56 2.22 0.00	50.62 2.91 0.00	55.49 3.44 0.00	57.76 3.83 0.00	57.08 3.48 0.00	49.98 3.01 0.00	43.70 2.47 0.00	39.88 1.97 0.00
REVERE_CPPR_DRP 24186	40.04 0.94 0.00	37.69 0.85 0.00	35.98 0.67 0.00	34.64 0.65 0.00	34.42 0.51 0.00	35.49 0.56 0.00	37.81 0.63 0.00	37.80 0.63 0.00	40.51 0.72 0.00	45.66 0.81 0.00	39.62 0.70 0.00	38.70 0.53 0.00	37.83 0.52 0.00	38.52 0.46 0.00	37.63 0.56 0.00	39.76 0.66 0.00	45.23 0.89 0.00	48.81 1.10 0.00	53.41 1.35 0.00	55.50 1.56 0.00	54.94 1.34 0.00	48.11 1.13 0.00	42.18 0.95 0.00	38.71 0.80 0.00
REYNLDPA_13_KV_LD 356490	39.61 0.51 0.00	37.10 0.26 0.00	35.41 0.11 0.00	34.03 0.03 0.00	33.98 0.07 0.00	34.83 -0.10 0.00	37.11 -0.07 0.00	37.14 -0.04 0.00	39.84 0.04 0.00	45.13 0.27 0.00	39.03 0.12 0.00	38.40 0.23 0.00	37.46 0.15 0.00	38.29 0.23 0.00	37.26 0.19 0.00	39.40 0.31 0.00	44.56 0.22 0.00	47.66 -0.05 0.00	51.90 -0.16 0.00	53.18 -0.76 0.00	52.90 -0.70 0.00	47.17 0.19 0.00	41.60 0.37 0.00	38.21 0.30 0.00
REYNOLDS_115KV_TB3 80639	39.92 0.82 0.00	37.69 0.85 0.00	36.29 0.99 0.00	34.95 0.95 0.00	34.86 0.95 0.00	35.95 1.01 0.00	38.33 1.15 0.00	38.18 1.00 0.00	40.71 0.92 0.00	45.75 0.90 0.00	39.77 0.86 0.00	39.08 0.92 0.00	38.13 0.82 0.00	38.86 0.80 0.00	37.78 0.70 0.00	39.68 0.59 0.00	45.05 0.71 0.00	48.66 0.95 0.00	53.15 1.09 0.00	55.06 1.13 0.00	54.67 1.07 0.00	47.96 0.99 0.00	42.01 0.78 0.00	38.56 0.64 0.00
RIVERBAY___ 323610	40.82 1.72 0.00	38.54 1.69 0.00	36.86 1.55 0.00	35.42 1.43 0.00	35.34 1.42 0.00	36.37 1.43 0.00	38.89 1.71 0.00	38.99 1.82 0.00	41.95 2.15 0.00	47.37 2.51 0.00	41.25 2.33 0.00	40.42 2.25 0.00	39.51 2.20 0.00	40.46 2.40 0.00	39.45 2.37 0.00	41.59 2.50 0.00	47.09 2.75 0.00	50.57 2.86 0.00	54.76 2.71 0.00	57.06 3.13 0.00	56.87 3.27 0.00	49.66 2.68 0.00	43.58 2.35 0.00	39.73 1.82 0.00
RIVERSDE_115KV_TB3 55908	39.96 0.86 0.00	37.73 0.88 0.00	36.29 0.99 0.00	34.95 0.95 0.00	34.90 0.98 0.00	35.95 1.01 0.00	38.33 1.15 0.00	38.18 1.00 0.00	40.67 0.88 0.00	45.75 0.90 0.00	39.77 0.86 0.00	39.04 0.88 0.00	38.13 0.82 0.00	38.86 0.80 0.00	37.78 0.70 0.00	39.72 0.63 0.00	45.09 0.75 0.00	48.66 0.95 0.00	53.15 1.09 0.00	55.06 1.13 0.00	54.62 1.02 0.00	47.96 0.99 0.00	42.05 0.82 0.00	38.52 0.61 0.00

ROARING___BROOK_WT_PWR 323790	38.79 -0.31 0.00	36.36 -0.48 0.00	34.63 -0.67 0.00	33.18 -0.82 0.00	33.03 -0.88 0.00	33.96 -0.98 0.00	36.21 -0.97 0.00	36.28 -0.89 0.00	38.96 -0.84 0.00	44.05 -0.81 0.00	38.29 -0.62 0.00	37.67 -0.50 0.00	36.90 -0.41 0.00	37.80 -0.26 0.00	36.85 -0.22 0.00	38.94 -0.16 0.00	44.12 -0.22 0.00	47.38 -0.33 0.00	51.59 -0.47 0.00	53.29 -0.64 0.00	52.90 -0.70 0.00	46.42 -0.56 0.00	40.82 -0.41 0.00	37.53 -0.38 0.00
ROCHESRG_115KV_T4 355643	37.11 -1.99 0.00	35.04 -1.81 0.00	33.47 -1.84 0.00	32.29 -1.70 0.00	32.29 -1.63 0.00	33.61 -1.33 0.00	35.43 -1.75 0.00	35.43 -1.75 0.00	37.85 -1.95 0.00	42.84 -2.02 0.00	36.96 -1.98 -0.03	36.35 -1.91 -0.09	35.51 -1.83 -0.03	36.55 -1.75 -0.24	35.74 -1.67 -0.34	37.54 -1.68 -0.13	43.72 -2.00 -1.37	47.26 -2.34 -1.89	50.38 -2.50 -0.82	51.61 -2.59 -0.27	51.77 -2.47 -0.63	45.02 -2.35 -0.39	38.96 -2.27 0.00	36.28 -1.63 0.00
ROCHESTER_9_IC 23652	37.38 -1.72 0.00	35.26 -1.58 0.00	33.65 -1.66 0.00	32.53 -1.46 0.00	32.49 -1.42 0.00	33.82 -1.12 0.00	35.69 -1.49 0.00	35.69 -1.49 0.00	38.13 -1.67 0.00	43.20 -1.66 0.00	37.24 -1.71 -0.03	36.67 -1.60 -0.11	35.81 -1.53 -0.03	36.89 -1.45 -0.28	36.09 -1.37 -0.39	37.87 -1.37 -0.15	44.40 -1.60 -1.66	48.03 -1.96 -2.28	50.97 -2.08 -0.99	52.04 -2.21 -0.32	52.33 -2.04 -0.77	45.47 -1.97 -0.47	39.25 -1.98 0.00	36.55 -1.36 0.00
ROCKVIEW_13_KV_LD 356306	40.47 1.37 0.00	38.21 1.36 0.00	36.61 1.31 0.00	35.18 1.19 0.00	35.10 1.19 0.00	36.19 1.26 0.00	38.63 1.45 0.00	38.73 1.56 0.00	41.59 1.79 0.00	46.97 2.11 0.00	40.90 1.98 0.00	40.11 1.95 0.00	39.25 1.94 0.00	40.12 2.06 0.00	39.07 2.00 0.00	41.20 2.11 0.00	46.74 2.39 0.00	50.19 2.48 0.00	54.61 2.55 0.00	56.84 2.91 0.00	56.55 2.95 0.00	49.33 2.35 0.00	43.25 2.02 0.00	39.50 1.59 0.00
ROME____115KV_TB2 80656	40.04 0.94 0.00	37.69 0.85 0.00	35.98 0.67 0.00	34.64 0.65 0.00	34.42 0.51 0.00	35.49 0.56 0.00	37.81 0.63 0.00	37.80 0.63 0.00	40.51 0.72 0.00	45.66 0.81 0.00	39.62 0.70 0.00	38.70 0.53 0.00	37.83 0.52 0.00	38.52 0.46 0.00	37.63 0.56 0.00	39.76 0.66 0.00	45.23 0.89 0.00	48.81 1.10 0.00	53.41 1.35 0.00	55.50 1.56 0.00	54.94 1.34 0.00	48.11 1.13 0.00	42.18 0.95 0.00	38.71 0.80 0.00
ROSETON___1 23587	40.08 0.98 0.00	37.87 1.03 0.00	36.33 1.02 0.00	34.98 0.99 0.00	34.86 0.95 0.00	35.91 0.98 0.00	38.22 1.04 0.00	38.36 1.19 0.00	41.15 1.35 0.00	46.38 1.53 0.00	40.36 1.44 0.00	39.58 1.41 0.00	38.69 1.38 0.00	39.51 1.45 0.00	38.48 1.41 0.00	40.58 1.49 0.00	46.03 1.68 0.00	49.52 1.81 0.00	53.93 1.87 0.00	56.03 2.10 0.00	55.74 2.15 0.00	48.72 1.74 0.00	42.67 1.44 0.00	39.05 1.14 0.00
ROSETON___2 23588	40.08 0.98 0.00	37.87 1.03 0.00	36.33 1.02 0.00	34.98 0.99 0.00	34.86 0.95 0.00	35.91 0.98 0.00	38.22 1.04 0.00	38.36 1.19 0.00	41.15 1.35 0.00	46.38 1.53 0.00	40.36 1.44 0.00	39.58 1.41 0.00	38.69 1.38 0.00	39.51 1.45 0.00	38.48 1.41 0.00	40.58 1.49 0.00	46.03 1.68 0.00	49.52 1.81 0.00	53.93 1.87 0.00	56.03 2.10 0.00	55.74 2.15 0.00	48.72 1.74 0.00	42.67 1.44 0.00	39.05 1.14 0.00
ROTTRDAM_115KV_TB3 80664	39.84 0.74 0.00	37.58 0.74 0.00	36.12 0.81 0.00	34.78 0.78 0.00	34.70 0.78 0.00	35.77 0.84 0.00	38.15 0.97 0.00	38.03 0.85 0.00	40.67 0.88 0.00	45.80 0.94 0.00	39.73 0.82 0.00	38.97 0.80 0.00	38.09 0.78 0.00	38.82 0.76 0.00	37.78 0.70 0.00	39.79 0.70 0.00	45.23 0.89 0.00	48.81 1.10 0.00	53.31 1.25 0.00	55.28 1.35 0.00	54.88 1.29 0.00	48.06 1.08 0.00	42.14 0.91 0.00	38.63 0.72 0.00
RUSSELL___1 23602	37.54 -1.56 0.00	35.37 -1.47 0.00	33.79 -1.52 0.00	32.63 -1.36 0.00	32.63 -1.29 0.00	33.96 -0.98 0.00	35.84 -1.34 0.00	35.83 -1.34 0.00	38.33 -1.47 0.00	43.47 -1.39 0.00	37.47 -1.48 -0.03	36.90 -1.37 -0.11	36.03 -1.31 -0.03	37.12 -1.22 -0.28	36.31 -1.15 -0.39	38.11 -1.13 -0.15	44.65 -1.33 -1.64	48.30 -1.67 -2.26	51.27 -1.77 -0.98	52.36 -1.89 -0.32	52.65 -1.72 -0.76	45.70 -1.74 -0.46	39.46 -1.77 0.00	36.70 -1.21 0.00
RUSSELL___2 23532	37.54 -1.56 0.00	35.37 -1.47 0.00	33.79 -1.52 0.00	32.63 -1.36 0.00	32.63 -1.29 0.00	33.96 -0.98 0.00	35.84 -1.34 0.00	35.83 -1.34 0.00	38.33 -1.47 0.00	43.47 -1.39 0.00	37.47 -1.48 -0.03	36.90 -1.37 -0.11	36.03 -1.31 -0.03	37.12 -1.22 -0.28	36.31 -1.15 -0.39	38.11 -1.13 -0.15	44.65 -1.33 -1.64	48.30 -1.67 -2.26	51.27 -1.77 -0.98	52.36 -1.89 -0.32	52.65 -1.72 -0.76	45.70 -1.74 -0.46	39.46 -1.77 0.00	36.70 -1.21 0.00
RUSSELL___3 23549	37.54 -1.56 0.00	35.37 -1.47 0.00	33.79 -1.52 0.00	32.63 -1.36 0.00	32.63 -1.29 0.00	33.96 -0.98 0.00	35.84 -1.34 0.00	35.83 -1.34 0.00	38.33 -1.47 0.00	43.47 -1.39 0.00	37.47 -1.48 -0.03	36.90 -1.37 -0.11	36.03 -1.31 -0.03	37.12 -1.22 -0.28	36.31 -1.15 -0.39	38.11 -1.13 -0.15	44.65 -1.33 -1.64	48.30 -1.67 -2.26	51.27 -1.77 -0.98	52.36 -1.89 -0.32	52.65 -1.72 -0.76	45.70 -1.74 -0.46	39.46 -1.77 0.00	36.70 -1.21 0.00
RUSSELL___4 23556	37.54 -1.56 0.00	35.37 -1.47 0.00	33.79 -1.52 0.00	32.63 -1.36 0.00	32.63 -1.29 0.00	33.96 -0.98 0.00	35.84 -1.34 0.00	35.83 -1.34 0.00	38.33 -1.47 0.00	43.47 -1.39 0.00	37.47 -1.48 -0.03	36.90 -1.37 -0.11	36.03 -1.31 -0.03	37.12 -1.22 -0.28	36.31 -1.15 -0.39	38.11 -1.13 -0.15	44.65 -1.33 -1.64	48.30 -1.67 -2.26	51.27 -1.77 -0.98	52.36 -1.89 -0.32	52.65 -1.72 -0.76	45.70 -1.74 -0.46	39.46 -1.77 0.00	36.70 -1.21 0.00
RUSSELL___STATION 23914	37.54 -1.56 0.00	35.37 -1.47 0.00	33.79 -1.52 0.00	32.63 -1.36 0.00	32.63 -1.29 0.00	33.96 -0.98 0.00	35.84 -1.34 0.00	35.83 -1.34 0.00	38.33 -1.47 0.00	43.47 -1.39 0.00	37.47 -1.48 -0.03	36.90 -1.37 -0.11	36.03 -1.31 -0.03	37.12 -1.22 -0.28	36.31 -1.15 -0.39	38.11 -1.13 -0.15	44.65 -1.33 -1.64	48.30 -1.67 -2.26	51.27 -1.77 -0.98	52.36 -1.89 -0.32	52.65 -1.72 -0.76	45.70 -1.74 -0.46	39.46 -1.77 0.00	36.70 -1.21 0.00
S SALMON___HYD 24043	38.79 -0.31 0.00	36.48 -0.37 0.00	34.78 -0.53 0.00	33.42 -0.58 0.00	33.24 -0.68 0.00	34.20 -0.74 0.00	36.47 -0.71 0.00	36.43 -0.74 0.00	39.04 -0.76 0.00	43.96 -0.90 0.00	38.06 -0.86 0.00	37.17 -0.99 0.00	36.30 -1.01 0.00	37.00 -1.07 0.00	36.15 -0.93 0.00	38.19 -0.90 0.00	43.54 -0.80 0.00	47.09 -0.62 0.00	51.64 -0.42 0.00	53.77 -0.16 0.00	53.28 -0.32 0.00	46.60 -0.38 0.00	40.82 -0.41 0.00	37.38 -0.53 0.00
S.PERRY__115KV_TB1 80734	38.24 -0.86 0.00	36.03 -0.81 0.00	34.32 -0.99 0.00	33.14 -0.85 0.00	33.10 -0.81 0.00	34.62 -0.31 0.00	36.47 -0.71 0.00	36.43 -0.74 0.00	38.60 -1.19 0.00	43.47 -1.39 0.00	37.19 -1.71 0.01	36.25 -1.87 0.05	35.46 -1.83 0.01	35.95 -1.98 0.13	35.08 -1.82 0.18	37.26 -1.76 0.07	40.54 -1.86 1.94	43.25 -1.77 2.69	49.57 -1.35 1.13	52.58 -1.02 0.33	51.94 -0.80 0.86	45.49 -0.99 0.50	40.36 -0.87 0.00	37.65 -0.27 0.00

SAWYER_23_KV_LOAD_REV_LBMP_A 345024	34.60 -4.50 0.00	32.75 -4.09 0.00	31.32 -3.99 0.00	30.15 -3.84 0.00	30.22 -3.70 0.00	31.79 -3.14 0.00	33.09 -4.09 0.00	33.08 -4.09 0.00	35.10 -4.70 0.00	39.74 -5.11 0.00	33.95 -4.86 0.10	32.99 -4.85 0.33	32.73 -4.48 0.10	32.44 -4.76 0.86	31.24 -4.63 1.20	33.74 -4.89 0.46	31.53 -5.76 7.05	31.52 -6.44 9.74	40.81 -7.08 4.17	45.42 -7.23 1.28	43.18 -7.07 3.34	38.65 -6.34 1.99	35.99 -5.24 0.01	34.12 -3.79 0.00
SAWYER__23_KV_LOAD 55526	34.60 -4.50 0.00	32.75 -4.09 0.00	31.32 -3.99 0.00	30.15 -3.84 0.00	30.22 -3.70 0.00	31.79 -3.14 0.00	33.09 -4.09 0.00	33.08 -4.09 0.00	35.10 -4.70 0.00	39.74 -5.11 0.00	33.95 -4.86 0.10	32.99 -4.85 0.33	32.73 -4.48 0.10	32.44 -4.76 0.86	31.24 -4.63 1.20	33.74 -4.89 0.46	31.53 -5.76 7.05	31.52 -6.44 9.74	40.81 -7.08 4.17	45.42 -7.23 1.28	43.18 -7.07 3.34	38.65 -6.34 1.99	35.99 -5.24 0.01	34.12 -3.79 0.00
SELKIRK__I 23801	40.08 0.98 0.00	37.80 0.96 0.00	36.36 1.06 0.00	35.01 1.02 0.00	34.93 1.02 0.00	35.98 1.05 0.00	38.33 1.15 0.00	38.21 1.04 0.00	40.79 1.00 0.00	45.89 1.03 0.00	39.85 0.93 0.00	39.05 0.88 0.00	38.13 0.82 0.00	38.90 0.84 0.00	37.85 0.78 0.00	39.83 0.74 0.00	45.27 0.93 0.00	48.85 1.14 0.00	53.30 1.25 0.00	55.28 1.35 0.00	54.88 1.28 0.00	48.15 1.17 0.00	42.22 0.99 0.00	38.75 0.83 0.00
SELKIRK__II 23799	39.80 0.70 0.00	37.58 0.74 0.00	36.12 0.81 0.00	34.81 0.81 0.00	34.73 0.81 0.00	35.74 0.80 0.00	38.07 0.89 0.00	37.99 0.82 0.00	40.55 0.75 0.00	45.62 0.76 0.00	39.62 0.70 0.00	38.89 0.72 0.00	37.98 0.67 0.00	38.71 0.65 0.00	37.66 0.59 0.00	39.64 0.55 0.00	45.01 0.67 0.00	48.52 0.81 0.00	52.99 0.94 0.00	54.90 0.97 0.00	54.56 0.97 0.00	47.82 0.85 0.00	41.93 0.70 0.00	38.48 0.57 0.00
SENECA_OSWGO__HYD 24041	38.32 -0.78 0.00	36.14 -0.70 0.00	34.60 -0.71 0.00	33.32 -0.68 0.00	33.24 -0.68 0.00	34.31 -0.63 0.00	36.47 -0.71 0.00	36.50 -0.67 0.00	39.04 -0.76 0.00	44.05 -0.81 0.00	38.18 -0.74 0.00	37.40 -0.76 0.00	36.60 -0.71 0.00	37.30 -0.76 0.00	36.33 -0.74 0.00	38.35 -0.74 0.00	43.50 -0.84 0.00	46.80 -0.91 0.00	51.07 -0.99 0.00	53.01 -0.92 0.00	52.69 -0.91 0.00	46.04 -0.94 0.00	40.36 -0.87 0.00	37.19 -0.72 0.00
SENECA__115KV_TB3 355854	34.95 -4.15 0.00	33.09 -3.76 0.00	31.63 -3.67 0.00	30.43 -3.57 0.00	30.46 -3.46 0.00	32.07 -2.86 0.00	33.98 -3.20 0.00	33.49 -3.68 0.00	35.54 -4.26 0.00	40.28 -4.58 0.00	34.58 -4.24 0.10	33.34 -4.50 0.33	33.22 -3.99 0.10	32.63 -4.57 0.86	31.41 -4.45 1.21	33.90 -4.73 0.46	31.74 -5.68 6.92	31.83 -6.30 9.58	41.04 -6.92 4.10	45.61 -7.06 1.26	43.40 -6.91 3.29	38.87 -6.15 1.96	36.56 -4.66 0.01	34.61 -3.30 0.00
SENECA__ENERGY 23797	38.40 -0.70 0.00	36.22 -0.63 0.00	34.60 -0.71 0.00	33.35 -0.65 0.00	33.31 -0.61 0.00	34.48 -0.46 0.00	36.70 -0.48 0.00	36.65 -0.52 0.00	39.16 -0.64 0.00	44.19 -0.67 0.00	38.18 -0.74 0.00	37.33 -0.84 0.00	36.52 -0.79 0.00	37.19 -0.87 0.00	36.26 -0.82 0.00	38.27 -0.82 0.00	43.45 -0.89 0.00	46.80 -0.91 0.00	51.12 -0.94 0.00	53.01 -0.92 0.00	52.64 -0.80 0.16	46.04 -0.84 0.09	40.49 -0.74 0.00	37.42 -0.49 0.00
SHOEMAKER__GT 23640	39.88 0.78 0.00	37.69 0.85 0.00	36.12 0.81 0.00	34.78 0.78 0.00	34.66 0.75 0.00	35.70 0.77 0.00	38.00 0.82 0.00	38.06 0.89 0.00	40.79 1.00 0.00	45.98 1.12 0.00	39.93 1.01 0.00	39.12 0.95 0.00	38.28 0.97 0.00	39.05 0.99 0.00	38.11 1.04 0.00	40.18 1.09 0.00	45.67 1.33 0.00	49.19 1.48 0.00	53.57 1.51 0.00	55.71 1.78 0.00	55.47 1.87 0.00	48.39 1.41 0.00	42.38 1.15 0.00	38.86 0.95 0.00
SHOEMAKR_138KV_BK 111 55601	39.88 0.78 0.00	37.69 0.85 0.00	36.12 0.81 0.00	34.71 0.71 0.00	34.63 0.71 0.00	35.70 0.77 0.00	38.11 0.93 0.00	38.06 0.89 0.00	40.79 0.99 0.00	45.98 1.12 0.00	39.97 1.05 0.00	39.12 0.95 0.00	38.31 1.01 0.00	39.09 1.03 0.00	38.15 1.08 0.00	40.22 1.13 0.00	45.72 1.37 0.00	49.19 1.48 0.00	53.57 1.51 0.00	55.77 1.83 0.00	55.42 1.82 0.00	48.39 1.41 0.00	42.38 1.15 0.00	38.82 0.91 0.00
SHOREHAM_IC_1 23715	40.82 1.72 0.00	38.65 1.80 0.00	37.14 1.83 0.00	35.59 1.60 0.00	35.44 1.53 0.00	36.58 1.64 0.00	38.26 1.08 0.00	38.85 1.67 0.00	41.71 1.91 0.00	47.19 2.33 0.00	42.12 3.19 -0.01	41.23 3.05 -0.01	40.26 2.95 -0.01	41.15 3.08 -0.01	40.08 3.00 -0.01	42.34 3.24 -0.01	48.07 3.73 -0.01	50.76 3.06 0.00	55.34 3.28 0.00	57.00 3.07 0.00	57.35 3.75 0.00	50.08 3.10 0.00	44.45 3.22 0.00	40.72 2.81 0.00
SHOREHAM_IC_2 23716	40.82 1.72 0.00	38.65 1.80 0.00	37.14 1.83 0.00	35.59 1.60 0.00	35.44 1.53 0.00	36.58 1.64 0.00	38.26 1.08 0.00	38.85 1.67 0.00	41.71 1.91 0.00	47.19 2.33 0.00	42.12 3.19 -0.01	41.23 3.05 -0.01	40.26 2.95 -0.01	41.15 3.08 -0.01	40.08 3.00 -0.01	42.34 3.24 -0.01	48.07 3.73 -0.01	50.76 3.06 0.00	55.34 3.28 0.00	57.00 3.07 0.00	57.35 3.75 0.00	50.08 3.10 0.00	44.45 3.22 0.00	40.72 2.81 0.00
SISSONVILLE__ 23735	38.83 -0.27 0.00	36.29 -0.55 0.00	34.53 -0.78 0.00	33.14 -0.85 0.00	33.03 -0.88 0.00	33.82 -1.12 0.00	36.06 -1.12 0.00	36.09 -1.08 0.00	38.72 -1.07 0.00	43.87 -0.99 0.00	37.94 -0.97 0.00	37.29 -0.88 0.00	36.30 -1.01 0.00	37.19 -0.88 0.00	36.18 -0.89 0.00	38.31 -0.78 0.00	43.41 -0.93 0.00	46.56 -1.14 0.00	50.81 -1.25 0.00	52.53 -1.40 0.00	52.37 -1.23 0.00	46.32 -0.66 0.00	40.86 -0.37 0.00	37.34 -0.57 0.00
SITHE_IND_GS1 24169	38.01 -1.09 0.00	35.81 -1.03 0.00	34.28 -1.02 0.00	33.04 -0.95 0.00	33.00 -0.91 0.00	34.03 -0.91 0.00	36.18 -1.00 0.00	36.17 -1.00 0.00	38.68 -1.11 0.00	43.65 -1.21 0.00	37.83 -1.09 0.00	37.10 -1.07 0.00	36.26 -1.04 0.00	37.00 -1.07 0.00	36.03 -1.04 0.00	38.04 -1.05 0.00	43.15 -1.20 0.00	46.37 -1.34 0.00	50.60 -1.46 0.00	52.42 -1.51 0.00	52.15 -1.44 0.00	45.61 -1.36 0.00	40.03 -1.20 0.00	36.89 -1.02 0.00
SITHE_IND_GS2 24170	38.01 -1.09 0.00	35.81 -1.03 0.00	34.28 -1.02 0.00	33.04 -0.95 0.00	33.00 -0.91 0.00	34.03 -0.91 0.00	36.18 -1.00 0.00	36.17 -1.00 0.00	38.68 -1.11 0.00	43.65 -1.21 0.00	37.83 -1.09 0.00	37.10 -1.07 0.00	36.26 -1.04 0.00	37.00 -1.07 0.00	36.03 -1.04 0.00	38.04 -1.05 0.00	43.15 -1.20 0.00	46.37 -1.34 0.00	50.60 -1.46 0.00	52.42 -1.51 0.00	52.15 -1.44 0.00	45.61 -1.36 0.00	40.03 -1.20 0.00	36.89 -1.02 0.00
SITHE_IND_GS3 24171	38.01 -1.09 0.00	35.81 -1.03 0.00	34.28 -1.02 0.00	33.04 -0.95 0.00	33.00 -0.91 0.00	34.03 -0.91 0.00	36.18 -1.00 0.00	36.17 -1.00 0.00	38.68 -1.11 0.00	43.65 -1.21 0.00	37.83 -1.09 0.00	37.10 -1.07 0.00	36.26 -1.04 0.00	37.00 -1.07 0.00	36.03 -1.04 0.00	38.04 -1.05 0.00	43.15 -1.20 0.00	46.37 -1.34 0.00	50.60 -1.46 0.00	52.42 -1.51 0.00	52.15 -1.44 0.00	45.61 -1.36 0.00	40.03 -1.20 0.00	36.89 -1.02 0.00

SITHE_IND_GS4 24172	38.01 -1.09 0.00	35.81 -1.03 0.00	34.28 -1.02 0.00	33.04 -0.95 0.00	33.00 -0.91 0.00	34.03 -0.91 0.00	36.18 -1.00 0.00	36.17 -1.00 0.00	38.68 -1.11 0.00	43.65 -1.21 0.00	37.83 -1.09 0.00	37.10 -1.07 0.00	36.26 -1.04 0.00	37.00 -1.07 0.00	36.03 -1.04 0.00	38.04 -1.05 0.00	43.15 -1.20 0.00	46.37 -1.34 0.00	50.60 -1.46 0.00	52.42 -1.51 0.00	52.15 -1.44 0.00	45.61 -1.36 0.00	40.03 -1.20 0.00	36.89 -1.02 0.00
SITHE__BATAVIA 24024	35.89 -3.21 0.00	33.97 -2.87 0.00	32.45 -2.86 0.00	31.34 -2.65 0.00	31.37 -2.54 0.00	32.95 -1.99 0.00	34.84 -2.34 0.00	34.27 -2.90 0.00	36.50 -3.30 0.00	41.31 -3.54 0.00	35.15 -3.31 0.46	33.42 -3.21 1.54	33.75 -3.10 0.46	30.89 -3.12 4.05	28.39 -3.00 5.68	33.84 -3.09 2.17	11.07 -3.59 29.68	2.65 -4.06 41.00	44.01 -4.27 3.78	48.39 -4.37 1.17	46.44 -4.13 3.04	41.31 -3.85 1.81	37.51 -3.71 0.01	35.30 -2.62 0.00
SITHE__INDEPEND 23800	38.01 -1.09 0.00	35.81 -1.03 0.00	34.28 -1.02 0.00	33.08 -0.92 0.00	33.00 -0.92 0.00	34.03 -0.91 0.00	36.14 -1.04 0.00	36.17 -1.00 0.00	38.68 -1.11 0.00	43.65 -1.21 0.00	37.83 -1.09 0.00	37.10 -1.07 0.00	36.26 -1.04 0.00	37.00 -1.07 0.00	36.03 -1.04 0.00	38.04 -1.06 0.00	43.14 -1.20 0.00	46.37 -1.34 0.00	50.60 -1.46 0.00	52.42 -1.51 0.00	52.10 -1.50 0.00	45.62 -1.36 0.00	39.99 -1.24 0.00	36.89 -1.02 0.00
SITHE__MASSENA 23902	39.65 0.55 0.00	37.14 0.29 0.00	35.38 0.07 0.00	33.99 0.00 0.00	33.95 0.03 0.00	34.80 -0.14 0.00	37.07 -0.11 0.00	37.14 -0.04 0.00	39.80 0.00 0.00	45.13 0.27 0.00	39.03 0.12 0.00	38.36 0.19 0.00	37.38 0.07 0.00	38.25 0.19 0.00	37.22 0.15 0.00	39.37 0.28 0.00	44.52 0.18 0.00	47.66 -0.05 0.00	51.90 -0.16 0.00	53.66 -0.27 0.00	53.33 -0.27 0.00	47.31 0.33 0.00	41.73 0.50 0.00	38.25 0.34 0.00
SITHE__OGDNSBRG 24021	39.84 0.74 0.00	37.25 0.41 0.00	35.45 0.14 0.00	34.10 0.10 0.00	34.02 0.10 0.00	34.83 -0.10 0.00	37.14 -0.04 0.00	37.10 -0.07 0.00	39.72 -0.08 0.00	44.90 0.04 0.00	38.76 -0.16 0.00	38.01 -0.15 0.00	37.01 -0.30 0.00	37.87 -0.19 0.00	36.81 -0.26 0.00	39.01 -0.08 0.00	44.21 -0.13 0.00	47.56 -0.14 0.00	52.06 0.00 0.00	53.93 0.00 0.00	53.71 0.11 0.00	47.54 0.56 0.00	41.93 0.70 0.00	38.37 0.45 0.00
SITHE__STERLING 23777	39.76 0.66 0.00	37.47 0.63 0.00	35.80 0.49 0.00	34.51 0.51 0.00	34.35 0.44 0.00	35.42 0.49 0.00	37.74 0.56 0.00	37.73 0.56 0.00	40.40 0.60 0.00	45.53 0.67 0.00	39.46 0.54 0.00	38.59 0.42 0.00	37.72 0.41 0.00	38.40 0.34 0.00	37.48 0.41 0.00	39.56 0.47 0.00	44.96 0.62 0.00	48.52 0.81 0.00	53.04 0.99 0.00	55.12 1.19 0.00	54.67 1.07 0.00	47.78 0.80 0.00	41.93 0.70 0.00	38.52 0.60 0.00
SLEIGHT__34_KV_TB1 80719	37.97 -1.13 0.00	35.81 -1.03 0.00	34.17 -1.13 0.00	33.01 -0.99 0.00	32.97 -0.95 0.00	34.20 -0.73 0.00	36.18 -1.00 0.00	36.24 -0.93 0.00	38.80 -0.99 0.00	43.92 -0.94 0.00	37.88 -1.05 -0.02	37.23 -0.99 -0.05	36.35 -0.97 -0.02	37.29 -0.91 -0.14	36.38 -0.89 -0.20	38.31 -0.86 -0.08	44.22 -0.98 -0.85	47.69 -1.19 -1.17	51.26 -1.30 -0.51	52.75 -1.35 -0.17	52.70 -1.23 -0.33	45.92 -1.27 -0.21	39.95 -1.28 0.00	37.00 -0.91 0.00
SMITHTWN_69_KV_BK 1 55830	41.05 1.95 0.00	38.80 1.95 0.00	37.14 1.84 0.00	35.69 1.70 0.00	35.58 1.66 0.00	36.72 1.78 0.00	38.82 1.64 0.00	39.07 1.90 0.00	42.07 2.27 0.00	47.59 2.74 0.00	42.04 3.11 -0.01	41.15 2.98 -0.01	40.19 2.87 -0.01	41.08 3.01 -0.01	40.05 2.97 -0.01	42.27 3.17 -0.01	47.94 3.59 -0.01	50.71 3.01 0.00	55.13 3.07 0.00	57.22 3.29 0.00	57.14 3.54 0.00	49.98 3.01 0.00	44.45 3.22 0.00	40.60 2.69 0.00
SOUTH CAIRO__GT 23612	41.13 2.03 0.00	38.72 1.88 0.00	37.21 1.91 0.00	35.80 1.80 0.00	35.75 1.83 0.00	36.82 1.89 0.00	39.34 2.16 0.00	38.77 1.60 0.00	41.39 1.59 0.00	46.47 1.61 0.00	40.12 1.21 0.00	39.20 1.03 0.00	38.24 0.93 0.00	38.98 0.91 0.00	37.93 0.85 0.00	40.03 0.94 0.00	45.80 1.46 0.00	49.76 2.05 0.00	54.50 2.45 0.00	56.63 2.70 0.00	56.17 2.57 0.00	49.23 2.25 0.00	43.04 1.81 0.00	39.43 1.52 0.00
SOUTH HAMPTN__IC 23720	41.41 2.31 0.00	39.17 2.32 0.00	37.67 2.37 0.00	36.10 2.11 0.00	35.92 2.00 0.00	37.03 2.10 0.00	38.63 1.45 0.00	39.14 1.97 0.00	42.07 2.27 0.00	47.55 2.69 0.00	42.43 3.50 -0.01	41.49 3.32 -0.01	40.53 3.21 -0.01	41.42 3.35 -0.01	40.34 3.26 -0.01	42.58 3.48 -0.01	48.38 4.03 -0.01	51.00 3.29 0.00	55.64 3.59 0.00	57.60 3.67 0.00	57.94 4.34 0.00	50.55 3.57 0.00	44.82 3.59 0.00	40.95 3.03 0.00
SOUTH DOW__115KV_TB1 355954	34.92 -4.18 0.00	32.94 -3.91 0.00	31.42 -3.88 0.00	30.15 -3.84 0.00	30.25 -3.66 0.00	31.93 -3.00 0.00	33.65 -3.53 0.00	33.75 -3.42 0.00	35.86 -3.94 0.00	40.86 -3.99 0.00	35.21 -3.62 0.09	33.91 -3.97 0.29	33.83 -3.39 0.09	33.15 -4.15 0.76	31.89 -4.12 1.07	34.46 -4.22 0.41	32.87 -5.10 6.37	33.21 -5.68 8.82	42.04 -6.25 3.77	46.36 -6.42 1.15	44.21 -6.38 3.01	39.36 -5.83 1.79	37.35 -3.88 0.01	35.22 -2.69 0.00
SOUTHOLD_69_KV_BK 2 55809	41.72 2.62 0.00	39.46 2.62 0.00	37.78 2.47 0.00	36.31 2.31 0.00	36.19 2.27 0.00	37.28 2.34 0.00	39.15 1.97 0.00	39.25 2.08 0.00	42.15 2.35 0.00	47.64 2.78 0.00	42.58 3.66 -0.01	41.61 3.44 -0.01	40.64 3.32 -0.01	41.53 3.46 -0.01	40.42 3.34 -0.01	42.66 3.56 -0.01	48.52 4.17 -0.01	51.19 3.48 0.00	55.80 3.75 0.00	58.03 4.10 0.00	58.10 4.50 0.00	50.78 3.81 0.00	44.98 3.75 0.00	40.98 3.07 0.00
SOUTHOLD__IC 23719	41.72 2.62 0.00	39.46 2.62 0.00	37.92 2.61 0.00	36.34 2.34 0.00	36.19 2.27 0.00	37.28 2.34 0.00	38.78 1.60 0.00	39.25 2.08 0.00	42.15 2.35 0.00	47.64 2.78 0.00	42.58 3.66 -0.01	41.61 3.44 -0.01	40.64 3.32 -0.01	41.53 3.46 -0.01	40.42 3.34 -0.01	42.66 3.56 -0.01	48.52 4.17 -0.01	51.05 3.34 0.00	55.81 3.75 0.00	57.82 3.89 0.00	58.21 4.61 0.00	50.78 3.80 0.00	44.98 3.75 0.00	40.98 3.07 0.00
SOUTH_FORK_WT_PWR 323839	41.72 2.62 0.00	39.46 2.62 0.00	37.92 2.61 0.00	36.34 2.34 0.00	36.15 2.24 0.00	37.24 2.31 0.00	38.67 1.49 0.00	38.99 1.82 0.00	41.83 2.03 0.00	47.28 2.42 0.00	42.31 3.38 -0.01	41.34 3.17 -0.01	40.38 3.06 -0.01	41.27 3.20 -0.01	40.16 3.08 -0.01	42.38 3.28 -0.01	48.21 3.86 -0.01	50.67 2.96 0.00	55.39 3.33 0.00	57.49 3.56 0.00	57.99 4.40 0.00	50.60 3.62 0.00	44.82 3.59 0.00	40.76 2.84 0.00
SPIERFLS_115KV_TB 1 80737	40.66 1.56 0.00	38.28 1.44 0.00	36.82 1.52 0.00	35.49 1.50 0.00	35.44 1.53 0.00	36.54 1.61 0.00	39.08 1.90 0.00	38.77 1.60 0.00	41.51 1.71 0.00	46.83 1.97 0.00	40.63 1.71 0.00	39.77 1.60 0.00	38.80 1.49 0.00	39.51 1.45 0.00	38.37 1.30 0.00	40.46 1.37 0.00	46.03 1.68 0.00	49.85 2.15 0.00	54.50 2.45 0.00	56.57 2.64 0.00	56.06 2.47 0.00	49.09 2.11 0.00	42.96 1.73 0.00	39.39 1.48 0.00

ST LAWRENCE____ 23600	39.18 0.08 0.00	36.77 -0.07 0.00	35.09 -0.21 0.00	33.72 -0.27 0.00	33.64 -0.27 0.00	34.52 -0.42 0.00	36.73 -0.44 0.00	36.80 -0.37 0.00	39.44 -0.36 0.00	44.63 -0.22 0.00	38.65 -0.27 0.00	37.98 -0.19 0.00	37.08 -0.22 0.00	37.91 -0.15 0.00	36.89 -0.18 0.00	38.97 -0.12 0.00	44.12 -0.22 0.00	47.32 -0.38 0.00	51.54 -0.52 0.00	53.23 -0.70 0.00	52.96 -0.64 0.00	46.79 -0.19 0.00	41.23 0.00 0.00	37.84 -0.08 0.00
STATE_CA_115KV_115_LB 55624	40.08 0.98 0.00	37.80 0.96 0.00	36.36 1.06 0.00	35.01 1.02 0.00	34.97 1.05 0.00	36.02 1.08 0.00	38.41 1.23 0.00	38.25 1.08 0.00	40.75 0.96 0.00	45.84 0.99 0.00	39.89 0.97 0.00	39.16 0.99 0.00	38.20 0.90 0.00	38.94 0.88 0.00	37.89 0.82 0.00	39.83 0.74 0.00	45.23 0.89 0.00	48.81 1.10 0.00	53.25 1.20 0.00	55.23 1.29 0.00	54.78 1.18 0.00	48.11 1.13 0.00	42.14 0.91 0.00	38.63 0.72 0.00
STATE_ST_34_KV_LOAD 55959	38.94 -0.16 0.00	36.73 -0.11 0.00	35.09 -0.21 0.00	33.82 -0.17 0.00	33.75 -0.17 0.00	34.90 -0.03 0.00	37.07 -0.11 0.00	37.14 -0.04 0.00	39.76 -0.04 0.00	44.90 0.04 0.00	38.80 -0.12 0.00	37.98 -0.19 0.00	37.16 -0.15 0.00	37.83 -0.23 0.00	36.89 -0.19 0.00	38.93 -0.16 0.00	44.48 -0.13 -0.27	48.04 -0.05 -0.38	52.21 0.00 -0.16	54.08 0.11 -0.04	53.59 0.11 0.12	46.82 -0.09 0.07	41.11 -0.12 0.00	37.91 0.00 0.00
STATION_5_MISC_HYD 23604	37.38 -1.72 0.00	35.26 -1.58 0.00	33.68 -1.62 0.00	32.53 -1.46 0.00	32.49 -1.42 0.00	33.82 -1.12 0.00	35.95 -1.23 0.00	35.68 -1.49 0.00	38.13 -1.67 0.00	43.20 -1.66 0.00	37.35 -1.60 -0.03	36.67 -1.60 -0.11	35.81 -1.53 -0.03	36.89 -1.45 -0.28	36.09 -1.37 -0.39	37.87 -1.37 -0.15	44.40 -1.59 -1.66	48.03 -1.96 -2.28	50.96 -2.08 -0.99	52.09 -2.16 -0.32	52.39 -1.98 -0.77	45.48 -1.97 -0.47	39.25 -1.98 0.00	36.55 -1.36 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	38.01 -1.09 0.00	35.81 -1.03 0.00	34.21 -1.09 0.00	33.04 -0.95 0.00	33.00 -0.92 0.00	34.27 -0.66 0.00	36.25 -0.93 0.00	36.28 -0.89 0.00	38.80 -0.99 0.00	43.92 -0.94 0.00	37.88 -1.05 -0.02	37.24 -0.99 -0.06	36.36 -0.97 -0.02	37.31 -0.91 -0.16	36.41 -0.89 -0.22	38.32 -0.86 -0.09	44.11 -1.02 -0.79	47.60 -1.19 -1.08	51.23 -1.30 -0.48	52.69 -1.40 -0.16	52.67 -1.29 -0.36	45.93 -1.27 -0.22	39.95 -1.28 0.00	37.08 -0.83 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	37.26 -1.84 0.00	35.15 -1.69 0.00	33.57 -1.73 0.00	32.43 -1.56 0.00	32.42 -1.49 0.00	33.71 -1.22 0.00	35.58 -1.60 0.00	35.57 -1.60 0.00	38.09 -1.71 0.00	43.11 -1.75 0.00	37.19 -1.75 -0.03	36.62 -1.64 -0.10	35.73 -1.60 -0.03	36.83 -1.48 -0.25	35.98 -1.45 -0.35	37.78 -1.45 -0.13	44.12 -1.68 -1.47	47.68 -2.05 -2.02	50.75 -2.19 -0.88	51.90 -2.32 -0.29	52.13 -2.14 -0.68	45.33 -2.07 -0.41	39.17 -2.06 0.00	36.43 -1.48 0.00
STA_56____34_KV_BUS2 355983	37.26 -1.84 0.00	35.15 -1.69 0.00	33.57 -1.73 0.00	32.43 -1.56 0.00	32.42 -1.49 0.00	33.71 -1.22 0.00	35.58 -1.60 0.00	35.57 -1.60 0.00	38.09 -1.71 0.00	43.11 -1.75 0.00	37.19 -1.75 -0.03	36.62 -1.64 -0.10	35.73 -1.60 -0.03	36.83 -1.48 -0.25	35.98 -1.45 -0.35	37.78 -1.45 -0.13	44.12 -1.68 -1.47	47.68 -2.05 -2.02	50.75 -2.19 -0.88	51.90 -2.32 -0.29	52.13 -2.14 -0.68	45.33 -2.07 -0.41	39.17 -2.06 0.00	36.43 -1.48 0.00
STA_67____115KV_BK2 355882	37.30 -1.80 0.00	35.19 -1.66 0.00	33.61 -1.69 0.00	32.46 -1.53 0.00	32.46 -1.46 0.00	33.78 -1.15 0.00	35.62 -1.56 0.00	35.61 -1.56 0.00	38.05 -1.75 0.00	43.11 -1.75 0.00	37.16 -1.79 -0.03	36.59 -1.68 -0.11	35.70 -1.64 -0.03	36.82 -1.52 -0.28	36.01 -1.45 -0.39	37.79 -1.45 -0.15	44.26 -1.73 -1.65	47.93 -2.05 -2.27	50.86 -2.19 -0.99	51.93 -2.32 -0.32	52.22 -2.14 -0.77	45.38 -2.07 -0.47	39.17 -2.06 0.00	36.47 -1.44 0.00
STA_7____115KV_9TRANS 80674	37.54 -1.56 0.00	35.37 -1.47 0.00	33.79 -1.52 0.00	32.63 -1.36 0.00	32.63 -1.29 0.00	33.96 -0.98 0.00	35.84 -1.34 0.00	35.83 -1.34 0.00	38.33 -1.47 0.00	43.47 -1.39 0.00	37.47 -1.48 -0.03	36.90 -1.37 -0.11	36.03 -1.31 -0.03	37.12 -1.22 -0.28	36.31 -1.15 -0.39	38.11 -1.13 -0.15	44.65 -1.33 -1.64	48.30 -1.67 -2.26	51.27 -1.77 -0.98	52.36 -1.89 -0.32	52.65 -1.72 -0.76	45.70 -1.74 -0.46	39.46 -1.77 0.00	36.70 -1.21 0.00
STA_82____115KV_TB1 80780	37.26 -1.84 0.00	35.15 -1.69 0.00	33.57 -1.73 0.00	32.43 -1.56 0.00	32.42 -1.49 0.00	33.75 -1.19 0.00	35.58 -1.60 0.00	35.57 -1.60 0.00	38.05 -1.75 0.00	43.06 -1.79 0.00	37.12 -1.83 -0.03	36.56 -1.72 -0.11	35.66 -1.68 -0.03	36.79 -1.56 -0.29	35.95 -1.52 -0.40	37.76 -1.49 -0.15	44.29 -1.77 -1.72	47.98 -2.10 -2.37	50.85 -2.24 -1.03	51.89 -2.37 -0.33	52.20 -2.20 -0.80	45.35 -2.11 -0.49	39.13 -2.10 0.00	36.43 -1.48 0.00
STEEL____WIND 323596	34.95 -4.15 0.00	33.09 -3.76 0.00	31.63 -3.67 0.00	30.43 -3.57 0.00	30.46 -3.46 0.00	32.07 -2.86 0.00	33.98 -3.20 0.00	33.46 -3.72 0.00	35.50 -4.30 0.00	40.24 -4.62 0.00	34.54 -4.28 0.10	33.34 -4.50 0.33	33.18 -4.03 0.10	32.59 -4.61 0.86	31.38 -4.49 1.21	33.90 -4.73 0.46	31.70 -5.72 6.92	31.83 -6.30 9.58	41.04 -6.92 4.10	45.61 -7.06 1.26	43.40 -6.91 3.29	38.82 -6.20 1.96	36.56 -4.66 0.01	34.58 -3.34 0.00
STEPHTWN_115KV_BK_2 55603	40.27 1.17 0.00	37.99 1.14 0.00	36.54 1.24 0.00	35.22 1.22 0.00	35.14 1.22 0.00	36.19 1.26 0.00	38.63 1.45 0.00	38.47 1.30 0.00	40.99 1.19 0.00	46.16 1.30 0.00	40.16 1.25 0.00	39.39 1.22 0.00	38.43 1.12 0.00	39.17 1.10 0.00	38.07 1.00 0.00	40.03 0.94 0.00	45.49 1.15 0.00	49.09 1.38 0.00	53.62 1.56 0.00	55.60 1.67 0.00	55.10 1.50 0.00	48.39 1.41 0.00	42.43 1.20 0.00	38.86 0.95 0.00
STEBEN_REC_LFGE 323667	37.11 -1.99 0.00	34.96 -1.88 0.00	33.26 -2.05 0.00	31.96 -2.04 0.00	31.88 -2.03 0.00	33.36 -1.57 0.00	35.21 -1.97 0.00	35.31 -1.86 0.00	37.49 -2.31 0.00	42.39 -2.47 0.00	36.43 -2.45 0.04	35.41 -2.63 0.12	35.03 -2.24 0.04	35.08 -2.66 0.32	34.00 -2.63 0.44	36.22 -2.70 0.17	36.43 -3.15 4.77	37.89 -3.20 6.62	46.04 -3.23 2.79	50.00 -3.13 0.80	48.75 -3.06 1.80	43.16 -2.77 1.05	39.37 -1.86 0.00	36.81 -1.10 0.00
STILLWATER____SOLAR 323814	40.47 1.37 0.00	38.17 1.32 0.00	36.72 1.41 0.00	35.39 1.39 0.00	35.31 1.39 0.00	36.40 1.47 0.00	38.85 1.67 0.00	38.70 1.52 0.00	41.35 1.55 0.00	46.56 1.70 0.00	40.43 1.52 0.00	39.62 1.45 0.00	38.65 1.34 0.00	39.36 1.29 0.00	38.26 1.19 0.00	40.30 1.21 0.00	45.85 1.51 0.00	49.57 1.86 0.00	54.24 2.19 0.00	56.25 2.32 0.00	55.80 2.20 0.00	48.86 1.88 0.00	42.80 1.57 0.00	39.20 1.29 0.00
STONY____BROOK 24151	41.05 1.95 0.00	38.76 1.91 0.00	37.24 1.94 0.00	35.69 1.70 0.00	35.58 1.66 0.00	36.72 1.78 0.00	38.48 1.30 0.00	39.07 1.89 0.00	42.03 2.23 0.00	47.55 2.69 0.00	42.04 3.11 -0.01	41.15 2.98 -0.01	40.23 2.91 -0.01	41.12 3.05 -0.01	40.05 2.97 -0.01	42.26 3.16 -0.01	47.99 3.64 -0.01	50.62 2.91 0.00	55.13 3.07 0.00	57.11 3.18 0.00	57.24 3.65 0.00	49.99 3.01 0.00	44.45 3.22 0.00	40.60 2.69 0.00

STURGEON_POOL_HYD 23609	40.19 1.09 0.00	37.95 1.11 0.00	36.40 1.09 0.00	35.01 1.02 0.00	34.93 1.02 0.00	35.95 1.01 0.00	38.41 1.23 0.00	38.29 1.12 0.00	41.07 1.27 0.00	46.29 1.44 0.00	40.24 1.32 0.00	39.39 1.22 0.00	38.50 1.19 0.00	39.32 1.26 0.00	38.33 1.26 0.00	40.46 1.37 0.00	46.03 1.68 0.00	49.57 1.86 0.00	53.98 1.93 0.00	56.14 2.21 0.00	55.85 2.25 0.00	48.76 1.79 0.00	42.71 1.48 0.00	39.09 1.18 0.00
ST_LAW_115_BK7_LBMP 345037	39.18 0.08 0.00	36.73 -0.11 0.00	35.06 -0.25 0.00	33.69 -0.31 0.00	33.61 -0.31 0.00	34.48 -0.46 0.00	36.73 -0.44 0.00	36.76 -0.41 0.00	39.44 -0.36 0.00	44.63 -0.22 0.00	38.65 -0.27 0.00	37.98 -0.19 0.00	37.05 -0.26 0.00	37.87 -0.19 0.00	36.89 -0.18 0.00	38.97 -0.12 0.00	44.08 -0.26 0.00	47.28 -0.43 0.00	51.48 -0.57 0.00	53.18 -0.76 0.00	52.85 -0.75 0.00	46.74 -0.23 0.00	41.19 -0.04 0.00	37.84 -0.08 0.00
ST_LAW_115_BK8_LBMP 345038	39.18 0.08 0.00	36.73 -0.11 0.00	35.06 -0.25 0.00	33.69 -0.31 0.00	33.61 -0.31 0.00	34.48 -0.46 0.00	36.73 -0.44 0.00	36.76 -0.41 0.00	39.44 -0.36 0.00	44.63 -0.22 0.00	38.65 -0.27 0.00	37.98 -0.19 0.00	37.05 -0.26 0.00	37.87 -0.19 0.00	36.89 -0.18 0.00	38.97 -0.12 0.00	44.08 -0.26 0.00	47.28 -0.43 0.00	51.48 -0.57 0.00	53.18 -0.76 0.00	52.85 -0.75 0.00	46.74 -0.23 0.00	41.19 -0.04 0.00	37.84 -0.08 0.00
ST_LAW_230_BK5_LBMP 345035	39.18 0.08 0.00	36.77 -0.07 0.00	35.09 -0.21 0.00	33.72 -0.27 0.00	33.64 -0.27 0.00	34.52 -0.42 0.00	36.73 -0.44 0.00	36.80 -0.37 0.00	39.44 -0.36 0.00	44.63 -0.22 0.00	38.65 -0.27 0.00	37.98 -0.19 0.00	37.08 -0.22 0.00	37.91 -0.15 0.00	36.89 -0.18 0.00	38.97 -0.12 0.00	44.12 -0.22 0.00	47.32 -0.38 0.00	51.54 -0.52 0.00	53.23 -0.70 0.00	52.96 -0.64 0.00	46.79 -0.19 0.00	41.23 0.00 0.00	37.84 -0.08 0.00
ST_LAW_230_BK6_LBMP 345036	39.18 0.08 0.00	36.77 -0.07 0.00	35.09 -0.21 0.00	33.72 -0.27 0.00	33.64 -0.27 0.00	34.52 -0.42 0.00	36.73 -0.44 0.00	36.80 -0.37 0.00	39.44 -0.36 0.00	44.63 -0.22 0.00	38.65 -0.27 0.00	37.98 -0.19 0.00	37.08 -0.22 0.00	37.91 -0.15 0.00	36.89 -0.18 0.00	38.97 -0.12 0.00	44.12 -0.22 0.00	47.32 -0.38 0.00	51.54 -0.52 0.00	53.23 -0.70 0.00	52.96 -0.64 0.00	46.79 -0.19 0.00	41.23 0.00 0.00	37.84 -0.08 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	39.96 0.86 0.00	37.76 0.92 0.00	36.19 0.88 0.00	34.81 0.82 0.00	34.73 0.81 0.00	35.77 0.84 0.00	38.22 1.04 0.00	38.18 1.00 0.00	40.95 1.15 0.00	46.16 1.30 0.00	40.16 1.25 0.00	39.31 1.15 0.00	38.46 1.16 0.00	39.28 1.22 0.00	38.33 1.26 0.00	40.42 1.33 0.00	45.89 1.55 0.00	49.38 1.67 0.00	53.77 1.72 0.00	55.98 2.05 0.00	55.69 2.09 0.00	48.58 1.60 0.00	42.55 1.32 0.00	38.94 1.02 0.00
SWANROAD_115KV_TB1 355699	33.67 -5.43 0.00	32.05 -4.79 0.00	30.68 -4.62 0.00	29.51 -4.49 0.00	29.61 -4.31 0.00	31.16 -3.77 0.00	32.20 -4.98 0.00	32.15 -5.02 0.00	34.11 -5.69 0.00	38.62 -6.24 0.00	33.38 -5.41 0.12	32.73 -5.04 0.40	32.33 -4.85 0.12	32.04 -4.95 1.08	30.74 -4.82 1.52	33.44 -5.08 0.57	30.58 -5.99 7.77	30.24 -6.73 10.74	40.11 -7.34 4.61	44.95 -7.55 1.43	42.50 -7.40 3.70	38.19 -6.58 2.21	34.87 -6.35 0.01	33.14 -4.78 0.00
SYNERGY___BIOGAS 323694	35.89 -3.21 0.00	33.97 -2.87 0.00	32.44 -2.86 0.00	31.31 -2.69 0.00	31.37 -2.54 0.00	32.94 -1.99 0.00	34.35 -2.83 0.00	34.27 -2.90 0.00	36.49 -3.30 0.00	41.31 -3.54 0.00	35.11 -3.35 0.46	33.42 -3.21 1.54	33.75 -3.10 0.46	30.89 -3.12 4.05	28.39 -3.00 5.68	33.84 -3.09 2.17	11.07 -3.59 29.68	2.65 -4.06 41.00	44.01 -4.27 3.78	48.39 -4.37 1.17	46.38 -4.18 3.04	41.31 -3.85 1.81	37.51 -3.71 0.01	35.30 -2.62 0.00
SYRACUSE___ENERGY_ST1 323597	38.94 -0.16 0.00	36.70 -0.15 0.00	35.09 -0.21 0.00	33.86 -0.14 0.00	33.75 -0.17 0.00	34.83 -0.10 0.00	37.03 -0.15 0.00	37.10 -0.07 0.00	39.68 -0.12 0.00	44.77 -0.09 0.00	38.80 -0.12 0.00	38.01 -0.15 0.00	37.20 -0.11 0.00	37.91 -0.15 0.00	36.92 -0.15 0.00	38.97 -0.12 0.00	44.21 -0.13 0.00	47.56 -0.14 0.00	51.85 -0.21 0.00	53.77 -0.16 0.00	53.44 -0.16 0.00	46.74 -0.23 0.00	41.02 -0.21 0.00	37.80 -0.11 0.00
SYRACUSE___ENERGY_ST2 323598	38.94 -0.16 0.00	36.70 -0.15 0.00	35.09 -0.21 0.00	33.86 -0.14 0.00	33.75 -0.17 0.00	34.83 -0.10 0.00	37.03 -0.15 0.00	37.10 -0.07 0.00	39.68 -0.12 0.00	44.77 -0.09 0.00	38.80 -0.12 0.00	38.01 -0.15 0.00	37.20 -0.11 0.00	37.91 -0.15 0.00	36.92 -0.15 0.00	38.97 -0.12 0.00	44.21 -0.13 0.00	47.56 -0.14 0.00	51.85 -0.21 0.00	53.77 -0.16 0.00	53.44 -0.16 0.00	46.74 -0.23 0.00	41.02 -0.21 0.00	37.80 -0.11 0.00
SYRACUSE___POWER 24017	38.83 -0.27 0.00	36.62 -0.22 0.00	35.02 -0.28 0.00	33.76 -0.24 0.00	33.68 -0.24 0.00	34.76 -0.17 0.00	36.96 -0.22 0.00	36.99 -0.19 0.00	39.60 -0.20 0.00	44.68 -0.18 0.00	38.68 -0.23 0.00	37.90 -0.27 0.00	37.08 -0.22 0.00	37.80 -0.27 0.00	36.85 -0.22 0.00	38.86 -0.23 0.00	44.29 -0.22 -0.18	47.71 -0.24 -0.25	51.90 -0.26 -0.10	53.74 -0.22 -0.03	53.38 -0.21 0.00	46.65 -0.33 0.00	40.94 -0.29 0.00	37.72 -0.19 0.00
TALLMAN__138KV_BK151 55660	40.12 1.02 0.00	37.91 1.07 0.00	36.33 1.02 0.00	34.91 0.92 0.00	34.83 0.92 0.00	35.91 0.98 0.00	38.33 1.15 0.00	38.36 1.19 0.00	41.15 1.35 0.00	46.43 1.57 0.00	40.40 1.48 0.00	39.58 1.41 0.00	38.73 1.42 0.00	39.55 1.48 0.00	38.59 1.52 0.00	40.69 1.60 0.00	46.16 1.82 0.00	49.62 1.91 0.00	54.03 1.98 0.00	56.25 2.32 0.00	55.96 2.36 0.00	48.81 1.83 0.00	42.80 1.57 0.00	39.13 1.21 0.00
TEALLAVE_115KV_TB7 355573	38.71 -0.39 0.00	36.48 -0.37 0.00	34.92 -0.39 0.00	33.65 -0.34 0.00	33.58 -0.34 0.00	34.62 -0.31 0.00	36.81 -0.37 0.00	36.84 -0.33 0.00	39.44 -0.36 0.00	44.50 -0.36 0.00	38.57 -0.35 0.00	37.79 -0.38 0.00	36.97 -0.34 0.00	37.68 -0.38 0.00	36.74 -0.33 0.00	38.74 -0.35 0.00	43.94 -0.40 0.00	47.28 -0.43 0.00	51.54 -0.52 0.00	53.45 -0.49 0.00	53.17 -0.43 0.00	46.46 -0.52 0.00	40.78 -0.45 0.00	37.57 -0.34 0.00
TELEGRAPH_34_KV_EAST 80808	34.96 -4.14 0.00	33.16 -3.68 0.00	31.67 -3.64 0.00	30.53 -3.47 0.00	30.63 -3.29 0.00	32.18 -2.76 0.00	33.46 -3.72 0.00	33.42 -3.75 0.00	35.50 -4.30 0.00	40.24 -4.62 0.00	34.55 -4.20 0.16	33.63 -4.01 0.53	33.30 -3.84 0.16	32.74 -3.92 1.41	31.32 -3.78 1.97	34.40 -3.95 0.75	29.24 -4.66 10.44	28.03 -5.25 14.43	36.83 -5.67 9.55	45.13 -5.82 2.98	40.32 -5.63 7.65	37.28 -5.12 4.58	36.38 -4.82 0.02	34.42 -3.49 0.00
TEMPLE___115KV_TB 2 55572	38.75 -0.35 0.00	36.51 -0.33 0.00	34.95 -0.35 0.00	33.69 -0.31 0.00	33.61 -0.31 0.00	34.66 -0.28 0.00	36.84 -0.33 0.00	36.88 -0.30 0.00	39.48 -0.32 0.00	44.54 -0.31 0.00	38.60 -0.31 0.00	37.82 -0.34 0.00	37.01 -0.30 0.00	37.76 -0.30 0.00	36.78 -0.30 0.00	38.82 -0.27 0.00	44.03 -0.31 0.00	47.33 -0.38 0.00	51.59 -0.47 0.00	53.50 -0.43 0.00	53.17 -0.43 0.00	46.51 -0.47 0.00	40.82 -0.41 0.00	37.61 -0.30 0.00

TIANA___69_KV_BK 1 55817	41.29 2.19 0.00	39.05 2.21 0.00	37.42 2.12 0.00	35.93 1.94 0.00	35.81 1.90 0.00	36.96 2.03 0.00	38.93 1.75 0.00	39.14 1.97 0.00	42.03 2.23 0.00	47.55 2.69 0.00	42.43 3.50 -0.01	41.46 3.28 -0.01	40.52 3.21 -0.01	41.42 3.35 -0.01	40.31 3.23 -0.01	42.58 3.48 -0.01	48.34 3.99 -0.01	51.14 3.43 0.00	55.65 3.59 0.00	57.71 3.78 0.00	57.73 4.13 0.00	50.50 3.52 0.00	44.78 3.55 0.00	40.91 3.00 0.00
TILDEN___115KV_TB1 80814	38.83 -0.27 0.00	36.62 -0.22 0.00	35.02 -0.28 0.00	33.76 -0.24 0.00	33.68 -0.24 0.00	34.76 -0.17 0.00	36.96 -0.22 0.00	36.99 -0.19 0.00	39.60 -0.20 0.00	44.68 -0.18 0.00	38.68 -0.23 0.00	37.90 -0.27 0.00	37.08 -0.22 0.00	37.80 -0.27 0.00	36.85 -0.22 0.00	38.86 -0.23 0.00	44.29 -0.22 -0.18	47.71 -0.24 -0.25	51.90 -0.26 -0.10	53.74 -0.22 -0.03	53.38 -0.21 0.00	46.65 -0.33 0.00	40.94 -0.29 0.00	37.72 -0.19 0.00
TRIGEN___CC 323695	40.62 1.52 0.00	38.35 1.51 0.00	36.75 1.45 0.00	35.32 1.33 0.00	35.24 1.32 0.00	36.33 1.40 0.00	38.52 1.34 0.00	38.73 1.56 0.00	41.71 1.91 0.00	47.10 2.24 0.00	41.31 2.37 -0.02	40.47 2.29 -0.02	39.56 2.24 -0.02	40.44 2.36 -0.02	39.39 2.30 -0.02	41.53 2.42 -0.02	47.11 2.75 -0.02	50.09 2.39 0.00	54.40 2.34 0.00	56.57 2.64 0.00	56.39 2.79 0.00	49.33 2.35 0.00	43.66 2.43 0.00	39.92 2.01 0.00
TRINITY___115KV___4 BK 55933	39.92 0.82 0.00	37.69 0.85 0.00	36.26 0.95 0.00	34.91 0.92 0.00	34.86 0.95 0.00	35.91 0.98 0.00	38.29 1.12 0.00	38.14 0.97 0.00	40.63 0.84 0.00	45.66 0.81 0.00	39.73 0.82 0.00	39.01 0.84 0.00	38.09 0.78 0.00	38.79 0.72 0.00	37.74 0.67 0.00	39.68 0.59 0.00	45.05 0.71 0.00	48.57 0.86 0.00	53.04 0.99 0.00	55.01 1.08 0.00	54.56 0.96 0.00	47.92 0.94 0.00	42.01 0.78 0.00	38.48 0.57 0.00
UNION___PROCESSING_DRP 323587	37.26 -1.84 0.00	35.15 -1.69 0.00	33.57 -1.73 0.00	32.43 -1.56 0.00	32.42 -1.49 0.00	33.75 -1.19 0.00	35.58 -1.60 0.00	35.61 -1.56 0.00	38.05 -1.75 0.00	43.06 -1.79 0.00	37.12 -1.83 -0.03	36.56 -1.72 -0.11	35.70 -1.64 -0.03	36.80 -1.56 -0.30	36.00 -1.48 -0.41	37.76 -1.49 -0.16	44.37 -1.77 -1.80	48.09 -2.10 -2.48	50.89 -2.24 -1.08	51.91 -2.37 -0.35	52.24 -2.20 -0.84	45.37 -2.11 -0.51	39.13 -2.10 0.00	36.43 -1.48 0.00
UPPER HUDSON___HYD 24058	40.67 1.57 0.00	38.28 1.44 0.00	36.82 1.52 0.00	35.49 1.49 0.00	35.44 1.53 0.00	36.54 1.61 0.00	39.04 1.86 0.00	38.77 1.71 0.00	41.51 1.71 0.00	46.83 1.97 0.00	40.63 1.71 0.00	39.77 1.60 0.00	38.80 1.49 0.00	39.51 1.45 0.00	38.37 1.30 0.00	40.46 1.37 0.00	46.03 1.68 0.00	49.86 2.15 0.00	54.50 2.45 0.00	56.57 2.64 0.00	56.07 2.47 0.00	49.09 2.12 0.00	42.96 1.73 0.00	39.39 1.48 0.00
UPPER RAQUET___HYD 24056	38.83 -0.27 0.00	36.29 -0.55 0.00	34.53 -0.78 0.00	33.15 -0.85 0.00	33.03 -0.88 0.00	33.82 -1.12 0.00	36.06 -1.11 0.00	36.09 -1.08 0.00	38.73 -1.07 0.00	43.87 -0.99 0.00	37.94 -0.97 0.00	37.29 -0.88 0.00	36.30 -1.01 0.00	37.19 -0.87 0.00	36.18 -0.89 0.00	38.31 -0.78 0.00	43.41 -0.93 0.00	46.56 -1.15 0.00	50.81 -1.25 0.00	52.53 -1.40 0.00	52.20 -1.39 0.00	46.32 -0.66 0.00	40.86 -0.37 0.00	37.34 -0.57 0.00
VALLEY44_115KV_TB2 355964	35.78 -3.32 0.00	33.90 -2.95 0.00	32.37 -2.93 0.00	31.11 -2.89 0.00	31.13 -2.78 0.00	32.70 -2.24 0.00	34.47 -2.71 0.00	34.50 -2.68 0.00	36.53 -3.26 0.00	41.22 -3.63 0.00	35.33 -3.50 0.08	33.77 -4.12 0.28	33.98 -3.25 0.08	32.69 -4.64 0.73	31.45 -4.60 1.03	33.74 -4.96 0.39	32.03 -6.12 6.20	32.74 -6.39 8.57	41.26 -7.13 3.67	45.53 -7.28 1.12	43.43 -7.24 2.93	38.80 -6.44 1.74	37.64 -3.59 0.01	35.49 -2.43 0.00
VALLEY___115KV_TB 1-4 80826	39.26 0.16 0.00	36.88 0.04 0.00	35.27 -0.04 0.00	33.96 -0.03 0.00	33.88 -0.03 0.00	34.90 -0.03 0.00	37.25 0.07 0.00	37.28 0.11 0.00	40.04 0.24 0.00	45.17 0.31 0.00	39.27 0.35 0.00	38.47 0.31 0.00	37.64 0.34 0.00	38.37 0.30 0.00	37.41 0.33 0.00	39.44 0.35 0.00	44.70 0.35 0.00	48.14 0.43 0.00	52.52 0.47 0.00	54.47 0.54 0.00	54.08 0.48 0.00	47.35 0.38 0.00	41.52 0.29 0.00	38.10 0.19 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.39 1.29 0.00	38.06 1.22 0.00	36.50 1.20 0.00	35.18 1.19 0.00	35.10 1.19 0.00	36.16 1.22 0.00	38.59 1.41 0.00	38.62 1.45 0.00	41.47 1.67 0.00	46.83 1.97 0.00	40.71 1.79 0.00	39.77 1.60 0.00	38.87 1.57 0.00	39.51 1.45 0.00	38.67 1.59 0.00	40.73 1.64 0.00	46.16 1.82 0.00	49.62 1.91 0.00	54.09 2.03 0.00	56.03 2.10 0.00	55.67 1.93 0.00	48.65 1.60 -0.14	42.67 1.44 -0.08	39.13 1.21 0.00
VISCHER___FERRY HYD 24020	40.08 0.98 0.00	37.84 1.00 0.00	36.40 1.10 0.00	35.08 1.09 0.00	35.00 1.08 0.00	36.09 1.15 0.00	38.48 1.30 0.00	38.36 1.19 0.00	40.99 1.19 0.00	46.07 1.21 0.00	40.00 1.09 0.00	39.27 1.11 0.00	38.32 1.01 0.00	39.01 0.95 0.00	37.93 0.85 0.00	39.87 0.78 0.00	45.32 0.97 0.00	48.95 1.24 0.00	53.62 1.56 0.00	55.55 1.62 0.00	55.10 1.50 0.00	48.29 1.31 0.00	42.30 1.07 0.00	38.75 0.83 0.00
V_A_10_SYNC_DSASP 323832	34.84 -4.26 0.00	32.98 -3.87 0.00	31.53 -3.78 0.00	30.36 -3.64 0.00	30.42 -3.49 0.00	31.90 -3.04 0.00	33.28 -3.90 0.00	33.27 -3.90 0.00	35.34 -4.46 0.00	39.97 -4.89 0.00	34.15 -4.67 0.09	33.42 -4.43 0.32	32.89 -4.33 0.09	33.01 -4.22 0.83	31.84 -4.08 1.15	34.39 -4.26 0.44	32.68 -4.92 6.73	32.81 -5.58 9.31	42.03 -6.04 3.99	46.50 -6.20 1.23	44.39 -6.00 3.20	39.62 -5.45 1.91	36.15 -5.07 0.01	34.16 -3.75 0.00
V_CMM_10_SYNC_DSASP 323787	39.37 0.27 0.00	36.92 0.07 0.00	35.23 -0.07 0.00	33.86 -0.14 0.00	33.78 -0.14 0.00	34.66 -0.28 0.00	36.92 -0.26 0.00	36.95 -0.22 0.00	39.64 -0.16 0.00	44.86 0.00 0.00	38.84 -0.08 0.00	38.17 0.00 0.00	37.23 -0.07 0.00	38.10 0.04 0.00	37.07 0.00 0.00	39.21 0.12 0.00	44.34 0.00 0.00	47.47 -0.24 0.00	51.69 -0.36 0.00	53.18 -0.76 0.00	53.12 -0.48 0.00	46.98 0.00 0.00	41.39 0.16 0.00	38.03 0.11 0.00
V_CMP_10_SYNC_DSASP 323788	40.08 0.98 0.00	37.47 0.63 0.00	35.66 0.35 0.00	34.20 0.20 0.00	34.12 0.20 0.00	34.94 0.00 0.00	37.22 0.04 0.00	37.32 0.15 0.00	40.04 0.24 0.00	45.40 0.54 0.00	39.38 0.47 0.00	38.74 0.57 0.00	37.79 0.48 0.00	38.67 0.61 0.00	37.59 0.52 0.00	39.76 0.66 0.00	44.92 0.58 0.00	48.14 0.43 0.00	52.37 0.31 0.00	54.15 0.22 0.00	54.03 0.43 0.00	47.73 0.75 0.00	42.05 0.82 0.00	38.60 0.68 0.00
V_D_10_SYNC_DSASP 323841	39.69 0.59 0.00	37.14 0.29 0.00	35.38 0.07 0.00	34.03 0.03 0.00	33.98 0.07 0.00	34.80 -0.14 0.00	37.11 -0.07 0.00	37.14 -0.04 0.00	39.84 0.04 0.00	45.13 0.27 0.00	39.03 0.12 0.00	38.36 0.19 0.00	37.38 0.07 0.00	38.25 0.19 0.00	37.22 0.15 0.00	39.40 0.31 0.00	44.56 0.22 0.00	47.71 0.00 0.00	51.95 -0.10 0.00	53.66 -0.27 0.00	53.49 -0.11 0.00	47.31 0.33 0.00	41.77 0.54 0.00	38.29 0.38 0.00

V_E_10_SYNC_DSASP 323830	40.90 1.80 0.00	38.39 1.55 0.00	36.54 1.24 0.00	35.22 1.22 0.00	35.00 1.09 0.00	36.16 1.22 0.00	38.59 1.41 0.00	38.62 1.45 0.00	41.51 1.71 0.00	46.88 2.02 0.00	40.59 1.67 0.00	39.58 1.41 0.00	38.65 1.34 0.00	39.24 1.18 0.00	38.44 1.37 0.00	40.69 1.60 0.00	47.36 2.00 -1.02	51.66 2.53 -1.42	55.77 3.12 -0.59	57.48 3.40 -0.16	56.78 3.11 -0.07	49.46 2.44 -0.04	43.37 2.14 0.00	39.77 1.86 0.00
V_F_30_NSYNC_DSASP 323816	40.51 1.41 0.00	38.21 1.36 0.00	36.75 1.45 0.00	35.39 1.39 0.00	35.34 1.42 0.00	36.44 1.50 0.00	38.89 1.71 0.00	38.73 1.56 0.00	41.39 1.59 0.00	46.65 1.79 0.00	40.51 1.60 0.00	39.69 1.53 0.00	38.73 1.42 0.00	39.43 1.37 0.00	38.33 1.26 0.00	40.38 1.29 0.00	45.94 1.60 0.00	49.66 1.96 0.00	54.29 2.24 0.00	56.30 2.37 0.00	55.80 2.20 0.00	48.90 1.93 0.00	42.84 1.61 0.00	39.24 1.33 0.00
V_F_30_SYNC_DSASP 323786	40.08 0.98 0.00	37.80 0.96 0.00	36.36 1.06 0.00	35.01 1.02 0.00	34.97 1.05 0.00	36.02 1.08 0.00	38.41 1.23 0.00	38.25 1.08 0.00	40.75 0.96 0.00	45.84 0.99 0.00	39.89 0.97 0.00	39.12 0.95 0.00	38.20 0.90 0.00	38.94 0.88 0.00	37.85 0.78 0.00	39.83 0.74 0.00	45.23 0.89 0.00	48.81 1.10 0.00	53.25 1.20 0.00	55.23 1.29 0.00	54.78 1.18 0.00	48.11 1.13 0.00	42.14 0.91 0.00	38.63 0.72 0.00
V_XM_10_SYNC_DSASP 323789	40.08 0.98 0.00	37.47 0.63 0.00	35.66 0.35 0.00	34.20 0.20 0.00	34.12 0.20 0.00	34.94 0.00 0.00	37.22 0.04 0.00	37.32 0.15 0.00	40.04 0.24 0.00	45.40 0.54 0.00	39.38 0.47 0.00	38.74 0.57 0.00	37.79 0.48 0.00	38.67 0.61 0.00	37.59 0.52 0.00	39.76 0.66 0.00	44.92 0.58 0.00	48.14 0.43 0.00	52.37 0.31 0.00	54.15 0.22 0.00	54.03 0.43 0.00	47.73 0.75 0.00	42.05 0.82 0.00	38.60 0.68 0.00
W.BABYLN_69_KV_BK1 56697	41.17 2.07 0.00	38.87 2.03 0.00	37.25 1.94 0.00	35.76 1.77 0.00	35.68 1.76 0.00	36.82 1.89 0.00	38.89 1.71 0.00	39.18 2.01 0.00	42.19 2.39 0.00	47.68 2.83 0.00	42.00 3.07 -0.01	41.12 2.94 -0.01	40.19 2.87 -0.01	41.04 2.97 -0.01	40.01 2.93 -0.01	42.23 3.13 -0.01	47.90 3.55 -0.01	50.76 3.05 0.00	55.13 3.07 0.00	57.38 3.45 0.00	57.19 3.59 0.00	50.08 3.10 0.00	44.45 3.22 0.00	40.60 2.69 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.23 1.13 0.00	38.02 1.18 0.00	36.43 1.13 0.00	35.05 1.05 0.00	34.93 1.02 0.00	36.02 1.08 0.00	38.48 1.30 0.00	38.47 1.30 0.00	41.27 1.47 0.00	46.56 1.70 0.00	40.51 1.60 0.00	39.69 1.53 0.00	38.84 1.53 0.00	39.66 1.60 0.00	38.67 1.59 0.00	40.81 1.72 0.00	46.34 2.00 0.00	49.81 2.10 0.00	54.24 2.19 0.00	56.41 2.48 0.00	56.17 2.57 0.00	48.95 1.97 0.00	42.92 1.69 0.00	39.24 1.33 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.47 1.37 0.00	38.21 1.36 0.00	36.61 1.31 0.00	35.18 1.19 0.00	35.10 1.19 0.00	36.16 1.22 0.00	38.63 1.45 0.00	38.73 1.56 0.00	41.63 1.83 0.00	47.01 2.15 0.00	40.98 2.06 0.00	40.15 1.98 0.00	39.28 1.98 0.00	40.16 2.09 0.00	39.15 2.08 0.00	41.28 2.19 0.00	46.78 2.44 0.00	50.28 2.58 0.00	54.61 2.55 0.00	56.79 2.86 0.00	56.60 3.00 0.00	49.37 2.40 0.00	43.29 2.06 0.00	39.50 1.59 0.00
W50THST__13_KV_LOAD 356117	40.59 1.49 0.00	38.32 1.47 0.00	36.72 1.41 0.00	35.29 1.29 0.00	35.20 1.29 0.00	36.26 1.33 0.00	38.74 1.56 0.00	38.85 1.67 0.00	41.79 1.99 0.00	47.19 2.33 0.00	41.10 2.18 0.00	40.30 2.14 0.00	39.40 2.09 0.00	40.31 2.25 0.00	39.30 2.22 0.00	41.44 2.35 0.00	46.96 2.62 0.00	50.48 2.77 0.00	54.76 2.71 0.00	57.01 3.07 0.00	56.76 3.16 0.00	49.51 2.54 0.00	43.41 2.19 0.00	39.66 1.74 0.00
WADING RIVER_IC_1 23522	40.78 1.68 0.00	38.61 1.77 0.00	37.10 1.80 0.00	35.56 1.56 0.00	35.44 1.53 0.00	36.54 1.61 0.00	38.22 1.04 0.00	38.81 1.63 0.00	41.67 1.87 0.00	47.14 2.29 0.00	42.12 3.19 -0.01	41.23 3.05 -0.01	40.26 2.95 -0.01	41.15 3.08 -0.01	40.08 3.00 -0.01	42.31 3.21 -0.01	48.07 3.73 -0.01	50.72 3.01 0.00	55.34 3.28 0.00	56.95 3.02 0.00	57.29 3.70 0.00	50.03 3.05 0.00	44.40 3.17 0.00	40.72 2.81 0.00
WADING RIVER_IC_2 23547	40.78 1.68 0.00	38.61 1.77 0.00	37.10 1.80 0.00	35.56 1.56 0.00	35.44 1.53 0.00	36.54 1.61 0.00	38.22 1.04 0.00	38.81 1.63 0.00	41.67 1.87 0.00	47.14 2.29 0.00	42.12 3.19 -0.01	41.23 3.05 -0.01	40.26 2.95 -0.01	41.15 3.08 -0.01	40.08 3.00 -0.01	42.31 3.21 -0.01	48.07 3.73 -0.01	50.72 3.01 0.00	55.34 3.28 0.00	56.95 3.02 0.00	57.29 3.70 0.00	50.03 3.05 0.00	44.40 3.17 0.00	40.72 2.81 0.00
WADING RIVER_IC_3 23601	40.78 1.68 0.00	38.61 1.77 0.00	37.10 1.80 0.00	35.56 1.56 0.00	35.44 1.53 0.00	36.54 1.61 0.00	38.22 1.04 0.00	38.81 1.63 0.00	41.67 1.87 0.00	47.14 2.29 0.00	42.12 3.19 -0.01	41.23 3.05 -0.01	40.26 2.95 -0.01	41.15 3.08 -0.01	40.08 3.00 -0.01	42.31 3.21 -0.01	48.07 3.73 -0.01	50.72 3.01 0.00	55.34 3.28 0.00	56.95 3.02 0.00	57.29 3.70 0.00	50.03 3.05 0.00	44.40 3.17 0.00	40.72 2.81 0.00
WALDENNY_12_KV_BK2 80841	34.84 -4.26 0.00	32.98 -3.87 0.00	31.53 -3.78 0.00	30.29 -3.71 0.00	30.39 -3.53 0.00	31.97 -2.97 0.00	33.35 -3.83 0.00	33.34 -3.83 0.00	35.38 -4.42 0.00	40.10 -4.75 0.00	34.38 -4.44 0.10	33.33 -4.50 0.33	33.14 -4.07 0.10	32.62 -4.57 0.88	31.39 -4.45 1.23	33.93 -4.69 0.47	31.79 -5.59 6.96	31.83 -6.25 9.63	41.06 -6.87 4.12	45.65 -7.01 1.27	43.43 -6.86 3.31	38.85 -6.15 1.97	36.40 -4.82 0.01	34.46 -3.45 0.00
WALDEN__HYDRO 24148	40.16 1.06 0.00	37.95 1.11 0.00	36.36 1.06 0.00	34.95 0.95 0.00	34.86 0.95 0.00	35.95 1.01 0.00	38.37 1.19 0.00	38.33 1.15 0.00	41.11 1.31 0.00	46.34 1.48 0.00	40.28 1.36 0.00	39.43 1.26 0.00	38.58 1.27 0.00	39.39 1.33 0.00	38.41 1.33 0.00	40.54 1.45 0.00	46.07 1.73 0.00	49.62 1.91 0.00	54.03 1.98 0.00	56.25 2.32 0.00	55.96 2.36 0.00	48.76 1.79 0.00	42.71 1.48 0.00	39.13 1.21 0.00
WARRENSBURG____ 23737	40.66 1.56 0.00	38.28 1.44 0.00	36.82 1.52 0.00	35.49 1.50 0.00	35.44 1.53 0.00	36.54 1.61 0.00	39.08 1.90 0.00	38.77 1.60 0.00	41.51 1.71 0.00	46.83 1.97 0.00	40.63 1.71 0.00	39.77 1.60 0.00	38.80 1.49 0.00	39.51 1.45 0.00	38.37 1.30 0.00	40.46 1.37 0.00	46.03 1.68 0.00	49.85 2.15 0.00	54.50 2.45 0.00	56.57 2.64 0.00	56.06 2.47 0.00	49.09 2.11 0.00	42.96 1.73 0.00	39.39 1.48 0.00
WATERSIDE____6 8 9 23538	40.47 1.37 0.00	38.21 1.36 0.00	36.58 1.27 0.00	35.15 1.16 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.59 1.41 0.00	38.70 1.52 0.00	41.63 1.83 0.00	47.01 2.15 0.00	40.98 2.06 0.00	40.15 1.98 0.00	39.28 1.98 0.00	40.23 2.17 0.00	39.19 2.11 0.00	41.32 2.23 0.00	46.82 2.48 0.00	50.24 2.53 0.00	54.45 2.39 0.00	56.63 2.70 0.00	56.44 2.84 0.00	49.37 2.40 0.00	43.29 2.06 0.00	39.47 1.55 0.00

WATKINRD_115KV_LN8_ILLLION 55919	39.26 0.16 0.00	36.92 0.07 0.00	35.34 0.04 0.00	34.03 0.03 0.00	33.95 0.03 0.00	34.97 0.03 0.00	37.29 0.11 0.00	37.28 0.11 0.00	40.00 0.20 0.00	45.13 0.27 0.00	39.19 0.27 0.00	38.43 0.27 0.00	37.57 0.26 0.00	38.29 0.23 0.00	37.33 0.26 0.00	39.36 0.27 0.00	44.65 0.31 0.00	48.04 0.33 0.00	52.47 0.42 0.00	54.36 0.43 0.00	53.97 0.38 0.00	47.31 0.33 0.00	41.48 0.25 0.00	38.06 0.15 0.00
WDELAWARE___HYD 323627	40.11 1.01 0.00	37.87 1.03 0.00	36.29 0.99 0.00	34.91 0.92 0.00	34.80 0.88 0.00	35.84 0.91 0.00	38.18 1.00 0.00	38.10 0.93 0.00	40.91 1.11 0.00	46.11 1.25 0.00	40.00 1.09 0.00	39.12 0.95 0.00	38.28 0.97 0.00	39.05 0.99 0.00	38.15 1.08 0.00	40.26 1.17 0.00	45.85 1.51 0.00	49.42 1.71 0.00	53.88 1.82 0.00	56.09 2.16 0.00	55.80 2.20 0.00	48.62 1.64 0.00	42.55 1.32 0.00	38.94 1.02 0.00
WEST BABYLON___IC 23714	41.17 2.07 0.00	38.87 2.03 0.00	37.25 1.94 0.00	35.76 1.77 0.00	35.68 1.76 0.00	36.82 1.89 0.00	38.89 1.71 0.00	39.18 2.01 0.00	42.19 2.39 0.00	47.68 2.83 0.00	42.00 3.07 -0.01	41.12 2.94 -0.01	40.19 2.87 -0.01	41.04 2.97 -0.01	40.01 2.93 -0.01	42.23 3.13 -0.01	47.90 3.55 -0.01	50.76 3.05 0.00	55.13 3.07 0.00	57.38 3.45 0.00	57.19 3.59 0.00	50.08 3.10 0.00	44.45 3.22 0.00	40.60 2.69 0.00
WEST CANADA___HYD 24049	39.10 0.00 0.00	36.84 0.00 0.00	35.34 0.04 0.00	34.03 0.03 0.00	33.95 0.03 0.00	34.97 0.03 0.00	37.22 0.04 0.00	37.21 0.04 0.00	39.84 0.04 0.00	44.90 0.04 0.00	38.96 0.04 0.00	38.21 0.04 0.00	37.34 0.04 0.00	38.10 0.04 0.00	37.11 0.04 0.00	39.13 0.04 0.00	44.39 0.04 0.00	47.80 0.10 0.00	52.16 0.10 0.00	54.09 0.16 0.00	53.71 0.11 0.00	47.07 0.09 0.00	41.27 0.04 0.00	37.91 0.00 0.00
WESTERN_NY_WIND 24143	35.74 -3.36 0.00	33.86 -2.98 0.00	32.34 -2.97 0.00	31.21 -2.79 0.00	31.27 -2.65 0.00	32.84 -2.10 0.00	34.24 -2.94 0.00	34.16 -3.01 0.00	36.34 -3.46 0.00	41.13 -3.72 0.00	35.06 -3.46 0.39	33.54 -3.32 1.30	33.71 -3.21 0.39	31.39 -3.24 3.43	29.11 -3.15 4.81	34.05 -3.21 1.83	15.46 -3.72 25.15	8.71 -4.25 34.76	43.34 -4.48 4.24	48.03 -4.58 1.32	45.85 -4.34 3.40	40.91 -4.04 2.03	37.34 -3.88 0.01	35.18 -2.73 0.00
WESTOVER___LESR 323668	38.79 -0.31 0.00	36.59 -0.26 0.00	35.02 -0.28 0.00	33.72 -0.27 0.00	33.68 -0.24 0.00	34.80 -0.14 0.00	36.99 -0.19 0.00	37.06 -0.11 0.00	39.56 -0.24 0.00	44.63 -0.22 0.00	38.59 -0.31 0.02	37.65 -0.46 0.06	36.95 -0.34 0.02	37.41 -0.49 0.15	36.41 -0.44 0.21	38.54 -0.47 0.08	42.32 -0.53 1.49	45.12 -0.52 2.07	50.60 -0.57 0.88	53.18 -0.49 0.26	53.12 -0.48 0.00	46.40 -0.56 0.02	40.90 -0.33 0.00	37.80 -0.11 0.00
WETHRSFD_WT_PWR 323626	35.38 -3.72 0.00	33.34 -3.50 0.00	31.81 -3.50 0.00	30.60 -3.40 0.00	30.56 -3.36 0.00	32.07 -2.86 0.00	33.98 -3.20 0.00	33.64 -3.53 0.00	35.78 -4.02 0.00	40.55 -4.31 0.00	34.91 -3.93 0.07	33.91 -4.01 0.25	33.61 -3.62 0.07	33.33 -4.07 0.66	32.18 -3.97 0.92	34.56 -4.18 0.35	33.63 -4.88 5.83	34.39 -5.25 8.07	42.99 -5.62 3.44	47.22 -5.66 1.05	45.28 -5.58 2.75	40.32 -5.03 1.63	37.22 -4.00 0.01	35.03 -2.88 0.00
WHAVSTOR_138KV_BK127 55557	40.08 0.98 0.00	37.91 1.07 0.00	36.33 1.02 0.00	34.91 0.92 0.00	34.83 0.92 0.00	35.91 0.98 0.00	38.33 1.15 0.00	38.36 1.19 0.00	41.15 1.35 0.00	46.43 1.57 0.00	40.43 1.52 0.00	39.58 1.41 0.00	38.73 1.42 0.00	39.58 1.52 0.00	38.59 1.52 0.00	40.69 1.60 0.00	46.16 1.82 0.00	49.62 1.91 0.00	54.03 1.98 0.00	56.20 2.27 0.00	55.96 2.36 0.00	48.81 1.83 0.00	42.76 1.53 0.00	39.13 1.21 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.08 0.98 0.00	37.91 1.07 0.00	36.33 1.02 0.00	34.91 0.92 0.00	34.83 0.92 0.00	35.91 0.98 0.00	38.33 1.15 0.00	38.36 1.19 0.00	41.15 1.35 0.00	46.43 1.57 0.00	40.43 1.52 0.00	39.58 1.41 0.00	38.73 1.42 0.00	39.58 1.52 0.00	38.59 1.52 0.00	40.69 1.60 0.00	46.16 1.82 0.00	49.62 1.91 0.00	54.03 1.98 0.00	56.20 2.27 0.00	55.96 2.36 0.00	48.81 1.83 0.00	42.76 1.53 0.00	39.13 1.21 0.00
WHITEHAL_115KV_TB1 80871	40.51 1.41 0.00	38.10 1.25 0.00	36.68 1.38 0.00	35.32 1.33 0.00	35.27 1.36 0.00	36.44 1.50 0.00	38.96 1.78 0.00	38.62 1.45 0.00	41.31 1.51 0.00	46.61 1.75 0.00	40.43 1.52 0.00	39.50 1.34 0.00	38.54 1.23 0.00	39.20 1.14 0.00	38.07 1.00 0.00	40.19 1.09 0.00	45.80 1.46 0.00	49.76 2.05 0.00	54.45 2.39 0.00	56.63 2.70 0.00	56.06 2.47 0.00	49.05 2.07 0.00	42.92 1.69 0.00	39.24 1.33 0.00
WHITEPLN_13_KV_LOAD 356215	40.59 1.49 0.00	38.35 1.51 0.00	36.72 1.41 0.00	35.29 1.29 0.00	35.20 1.29 0.00	36.30 1.36 0.00	38.74 1.56 0.00	38.85 1.67 0.00	41.71 1.91 0.00	47.14 2.29 0.00	41.02 2.10 0.00	40.23 2.06 0.00	39.36 2.05 0.00	40.19 2.13 0.00	39.19 2.11 0.00	41.32 2.23 0.00	46.87 2.53 0.00	50.33 2.62 0.00	54.81 2.76 0.00	57.11 3.18 0.00	56.81 3.22 0.00	49.47 2.49 0.00	43.33 2.10 0.00	39.58 1.67 0.00
WM_FLOYD_69_KV_BK2 356380	41.02 1.92 0.00	38.76 1.92 0.00	37.14 1.84 0.00	35.66 1.67 0.00	35.58 1.66 0.00	36.68 1.75 0.00	38.74 1.56 0.00	38.99 1.82 0.00	41.91 2.11 0.00	47.41 2.56 0.00	42.12 3.19 -0.01	41.19 3.02 -0.01	40.26 2.95 -0.01	41.15 3.08 -0.01	40.08 3.00 -0.01	42.31 3.21 -0.01	48.03 3.68 -0.01	50.86 3.15 0.00	55.34 3.28 0.00	57.38 3.45 0.00	57.30 3.70 0.00	50.13 3.15 0.00	44.49 3.26 0.00	40.72 2.81 0.00
WOODARD_115KV_TB2 355635	38.63 -0.47 0.00	36.44 -0.41 0.00	34.88 -0.42 0.00	33.62 -0.37 0.00	33.54 -0.37 0.00	34.59 -0.35 0.00	36.77 -0.41 0.00	36.80 -0.37 0.00	39.40 -0.40 0.00	44.45 -0.40 0.00	38.53 -0.39 0.00	37.75 -0.42 0.00	36.93 -0.37 0.00	37.68 -0.38 0.00	36.70 -0.37 0.00	38.70 -0.39 0.00	43.90 -0.44 0.00	47.23 -0.48 0.00	51.48 -0.57 0.00	53.39 -0.54 0.00	53.06 -0.54 0.00	46.41 -0.56 0.00	40.69 -0.54 0.00	37.53 -0.38 0.00
WOODMERE_69_KV_BK1 55827	40.98 1.88 0.00	38.69 1.84 0.00	37.07 1.77 0.00	35.63 1.63 0.00	35.54 1.63 0.00	36.65 1.71 0.00	38.82 1.64 0.00	39.07 1.90 0.00	42.07 2.27 0.00	47.55 2.69 0.00	41.69 2.76 -0.02	40.85 2.67 -0.02	39.97 2.65 -0.02	40.82 2.74 -0.02	39.79 2.71 -0.02	41.96 2.85 -0.02	47.50 3.15 -0.02	50.57 2.86 0.00	54.92 2.86 0.00	57.17 3.24 0.00	56.97 3.38 0.00	49.80 2.82 0.00	44.03 2.80 0.00	40.26 2.35 0.00
YORK___WARBASSE 23770	40.51 1.41 0.00	38.24 1.40 0.00	36.58 1.27 0.00	35.15 1.16 0.00	35.03 1.12 0.00	36.09 1.15 0.00	38.59 1.41 0.00	38.73 1.56 0.00	41.71 1.91 0.00	47.06 2.20 0.00	41.06 2.14 0.00	40.27 2.10 0.00	39.40 2.09 0.00	40.35 2.28 0.00	39.33 2.26 0.00	41.48 2.38 0.00	46.91 2.57 0.00	50.33 2.62 0.00	54.35 2.29 0.00	56.57 2.64 0.00	56.33 2.73 0.00	49.47 2.49 0.00	43.41 2.19 0.00	39.58 1.67 0.00