

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/19/2026

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	56.22 2.78 0.00	52.70 2.37 0.00	50.82 2.19 0.00	48.53 1.96 0.00	52.37 2.06 0.00	54.73 2.41 0.00	68.46 3.20 0.00	94.21 5.33 0.00	76.35 4.05 0.00	61.11 3.73 0.00	53.01 3.28 0.00	48.29 3.07 0.00	45.34 2.89 0.00	44.21 2.85 0.00	43.31 2.76 0.00	44.66 2.92 0.00	52.37 3.52 0.00	60.47 4.27 0.00	68.38 3.99 0.00	78.90 4.61 0.00	70.52 4.18 0.00	62.22 3.74 0.00	53.75 3.19 0.00	50.72 2.69 0.00
74TH STREET_GT_1 24260	56.22 2.78 0.00	52.70 2.37 0.00	50.86 2.24 0.00	48.53 1.96 0.00	52.37 2.06 0.00	54.67 2.35 0.00	68.33 3.07 0.00	94.13 5.24 0.00	76.21 3.90 0.00	61.05 3.67 0.00	52.96 3.23 0.00	48.29 3.07 0.00	45.30 2.84 0.00	44.21 2.85 0.00	43.27 2.72 0.00	44.62 2.88 0.00	52.32 3.47 0.00	60.41 4.21 0.00	68.32 3.93 0.00	78.82 4.53 0.00	70.45 4.11 0.00	62.17 3.68 0.00	53.75 3.19 0.00	50.72 2.69 0.00
74TH STREET_GT_2 24261	56.22 2.78 0.00	52.70 2.37 0.00	50.86 2.24 0.00	48.53 1.96 0.00	52.37 2.06 0.00	54.67 2.35 0.00	68.33 3.07 0.00	94.13 5.24 0.00	76.21 3.90 0.00	61.05 3.67 0.00	52.96 3.23 0.00	48.29 3.07 0.00	45.30 2.84 0.00	44.21 2.85 0.00	43.27 2.72 0.00	44.62 2.88 0.00	52.32 3.47 0.00	60.41 4.21 0.00	68.32 3.93 0.00	78.82 4.53 0.00	70.45 4.11 0.00	62.17 3.68 0.00	53.75 3.19 0.00	50.72 2.69 0.00
ADK HUDSON__FALLS 24011	54.67 1.23 0.00	51.59 1.26 0.00	49.89 1.26 0.00	47.88 1.30 0.00	51.66 1.36 0.00	54.05 1.73 0.00	67.54 2.28 0.00	92.17 3.29 0.00	74.26 1.95 0.00	58.58 1.20 0.00	50.32 0.60 0.00	45.63 0.41 0.00	42.84 0.38 0.00	41.64 0.29 0.00	40.88 0.32 0.00	42.32 0.58 0.00	49.92 1.07 0.00	57.83 1.63 0.00	66.19 1.80 0.00	76.59 2.30 0.00	68.20 1.86 0.00	60.06 1.58 0.00	51.88 1.31 0.00	50.00 1.97 0.00
ADK RESOURCE__RCVRY 23798	54.56 1.12 0.00	51.49 1.16 0.00	49.79 1.17 0.00	47.78 1.21 0.00	51.56 1.26 0.00	53.99 1.67 0.00	67.48 2.22 0.00	92.08 3.20 0.00	74.11 1.81 0.00	58.47 1.09 0.00	50.17 0.45 0.00	45.49 0.27 0.00	42.71 0.26 0.00	41.48 0.12 0.00	40.76 0.20 0.00	42.20 0.46 0.00	49.83 0.98 0.00	57.71 1.52 0.00	66.13 1.74 0.00	76.60 2.31 0.00	68.20 1.85 0.00	60.06 1.58 0.00	51.83 1.26 0.00	48.89 0.87 0.00
ADK S GLENS__FALLS 24028	54.67 1.23 0.00	51.59 1.26 0.00	49.89 1.26 0.00	47.88 1.30 0.00	51.66 1.36 0.00	54.05 1.73 0.00	67.54 2.28 0.00	92.17 3.29 0.00	74.26 1.95 0.00	58.58 1.20 0.00	50.32 0.60 0.00	45.63 0.41 0.00	42.84 0.38 0.00	41.64 0.29 0.00	40.88 0.32 0.00	42.32 0.58 0.00	49.92 1.07 0.00	57.83 1.63 0.00	66.19 1.80 0.00	76.59 2.30 0.00	68.20 1.86 0.00	60.06 1.58 0.00	51.88 1.31 0.00	50.00 1.97 0.00
ADK_NYS__DAM 23527	54.40 0.96 0.00	51.84 1.51 0.00	50.18 1.56 0.00	48.30 1.72 0.00	52.06 1.76 0.00	54.42 2.09 0.00	68.13 2.87 0.00	91.72 2.84 0.00	74.18 1.88 0.00	58.98 1.60 0.00	50.37 0.64 0.00	45.90 0.68 0.00	43.05 0.59 0.00	42.01 0.66 0.00	41.28 0.73 0.00	42.66 0.92 0.00	50.02 1.17 0.00	57.88 1.68 0.00	66.19 1.80 0.00	76.60 2.31 0.00	68.13 1.79 0.00	60.18 1.70 0.00	51.93 1.37 0.00	48.99 0.96 0.00
AIR_PRODUCTS__DRP 24190	53.54 0.11 0.00	50.74 0.40 0.00	49.07 0.44 0.00	47.04 0.47 0.00	50.66 0.35 0.00	52.79 0.47 0.00	65.91 0.65 0.00	89.77 0.89 0.00	72.81 0.51 0.00	57.84 0.46 0.00	49.87 0.15 0.00	45.36 0.14 0.00	42.67 0.21 0.00	41.52 0.17 0.00	40.79 0.24 0.00	42.11 0.38 0.00	49.34 0.49 0.00	56.98 0.79 0.00	64.90 0.52 0.00	74.81 0.52 0.00	66.74 0.40 0.00	58.89 0.41 0.00	50.97 0.40 0.00	48.32 0.29 0.00
AKWESSNE_115KV_BK 355683	53.38 -0.05 0.00	50.69 0.35 0.00	48.82 0.19 0.00	46.67 0.09 0.00	50.46 0.15 0.00	51.90 -0.42 0.00	64.67 -0.59 0.00	87.73 -1.16 0.00	71.87 -0.43 0.00	56.75 -0.63 0.00	49.68 -0.05 0.00	45.13 -0.09 0.00	42.29 -0.17 0.00	41.27 -0.08 0.00	40.43 -0.12 0.00	41.66 -0.08 0.00	48.56 -0.29 0.00	55.30 -0.90 0.00	63.75 -0.64 0.00	73.55 -0.74 0.00	65.68 -0.66 0.00	57.96 -0.53 0.00	50.51 -0.05 0.00	47.98 -0.05 0.00
ALBANY_1_SOLAR 323833	54.93 1.49 0.00	51.90 1.56 0.00	50.14 1.51 0.00	48.11 1.53 0.00	51.87 1.56 0.00	54.04 1.72 0.00	67.41 2.15 0.00	91.72 2.84 0.00	74.04 1.73 0.00	58.59 1.21 0.00	50.42 0.70 0.00	45.81 0.59 0.00	43.05 0.59 0.00	41.89 0.54 0.00	41.16 0.61 0.00	42.49 0.75 0.00	49.97 1.12 0.00	57.88 1.68 0.00	66.19 1.80 0.00	76.45 2.16 0.00	68.20 1.85 0.00	60.18 1.70 0.00	52.08 1.52 0.00	49.32 1.30 0.00
ALBANY_2_SOLAR 323834	54.88 1.44 0.00	51.84 1.51 0.00	50.14 1.51 0.00	48.07 1.49 0.00	51.87 1.56 0.00	53.99 1.67 0.00	67.35 2.09 0.00	91.72 2.84 0.00	74.04 1.73 0.00	58.59 1.21 0.00	50.42 0.70 0.00	45.76 0.54 0.00	43.05 0.59 0.00	41.89 0.54 0.00	41.16 0.61 0.00	42.49 0.75 0.00	49.97 1.12 0.00	57.88 1.68 0.00	66.13 1.74 0.00	76.45 2.16 0.00	68.20 1.85 0.00	60.18 1.70 0.00	52.08 1.52 0.00	49.32 1.30 0.00
ALBANY__1 23571	53.54 0.11 0.00	50.74 0.40 0.00	49.07 0.44 0.00	47.04 0.47 0.00	50.66 0.35 0.00	52.79 0.47 0.00	65.91 0.65 0.00	89.77 0.89 0.00	72.81 0.51 0.00	57.84 0.46 0.00	49.87 0.15 0.00	45.36 0.14 0.00	42.67 0.21 0.00	41.52 0.17 0.00	40.79 0.24 0.00	42.11 0.38 0.00	49.34 0.49 0.00	56.98 0.79 0.00	64.90 0.52 0.00	74.81 0.52 0.00	66.74 0.40 0.00	58.89 0.41 0.00	50.97 0.40 0.00	48.32 0.29 0.00

ALBANY__2 23572	53.54 0.11 0.00	50.74 0.40 0.00	49.07 0.44 0.00	47.04 0.47 0.00	50.66 0.35 0.00	52.79 0.47 0.00	65.91 0.65 0.00	89.77 0.89 0.00	72.81 0.51 0.00	57.84 0.46 0.00	49.87 0.15 0.00	45.36 0.14 0.00	42.67 0.21 0.00	41.52 0.17 0.00	40.79 0.24 0.00	42.11 0.38 0.00	49.34 0.49 0.00	56.98 0.79 0.00	64.90 0.52 0.00	74.81 0.52 0.00	66.74 0.40 0.00	58.89 0.41 0.00	50.97 0.40 0.00	48.32 0.29 0.00
ALBANY__3 23573	53.54 0.11 0.00	50.74 0.40 0.00	49.07 0.44 0.00	47.04 0.47 0.00	50.66 0.35 0.00	52.79 0.47 0.00	65.91 0.65 0.00	89.77 0.89 0.00	72.81 0.51 0.00	57.84 0.46 0.00	49.87 0.15 0.00	45.36 0.14 0.00	42.67 0.21 0.00	41.52 0.17 0.00	40.79 0.24 0.00	42.11 0.38 0.00	49.34 0.49 0.00	56.98 0.79 0.00	64.90 0.52 0.00	74.81 0.52 0.00	66.74 0.40 0.00	58.89 0.41 0.00	50.97 0.40 0.00	48.32 0.29 0.00
ALBANY__4 23574	53.54 0.11 0.00	50.74 0.40 0.00	49.07 0.44 0.00	47.04 0.47 0.00	50.66 0.35 0.00	52.79 0.47 0.00	65.91 0.65 0.00	89.77 0.89 0.00	72.81 0.51 0.00	57.84 0.46 0.00	49.87 0.15 0.00	45.36 0.14 0.00	42.67 0.21 0.00	41.52 0.17 0.00	40.79 0.24 0.00	42.11 0.38 0.00	49.34 0.49 0.00	56.98 0.79 0.00	64.90 0.52 0.00	74.81 0.52 0.00	66.74 0.40 0.00	58.89 0.41 0.00	50.97 0.40 0.00	48.32 0.29 0.00
ALBANY__LFGE 323615	54.03 0.59 0.00	51.14 0.80 0.00	49.45 0.83 0.00	47.46 0.88 0.00	51.16 0.85 0.00	53.26 0.94 0.00	66.56 1.30 0.00	90.57 1.68 0.00	73.39 1.09 0.00	58.35 0.97 0.00	50.22 0.50 0.00	45.72 0.50 0.00	43.01 0.55 0.00	41.85 0.50 0.00	41.12 0.57 0.00	42.45 0.71 0.00	49.77 0.93 0.00	57.43 1.23 0.00	65.42 1.03 0.00	75.48 1.18 0.00	67.34 1.00 0.00	59.41 0.93 0.00	51.37 0.81 0.00	48.61 0.58 0.00
ALCOA_PA_115KV_PL-6C 55860	53.92 0.48 0.00	50.84 0.50 0.00	49.02 0.39 0.00	46.81 0.23 0.00	50.66 0.35 0.00	52.37 0.05 0.00	65.32 0.07 0.00	88.53 -0.35 0.00	72.52 0.22 0.00	57.21 -0.17 0.00	49.77 0.05 0.00	45.27 0.05 0.00	42.37 -0.08 0.00	41.40 0.04 0.00	40.55 0.00 0.00	41.74 0.00 0.00	48.70 -0.15 0.00	55.92 -0.28 0.00	64.39 0.00 0.00	74.29 0.00 0.00	66.34 0.00 0.00	58.54 0.06 0.00	50.71 0.15 0.00	48.22 0.19 0.00
ALCOA_RYNLDS__DRP 24188	53.92 0.48 0.00	50.84 0.50 0.00	49.02 0.39 0.00	46.81 0.23 0.00	50.66 0.35 0.00	52.37 0.05 0.00	65.32 0.07 0.00	88.53 -0.35 0.00	72.52 0.22 0.00	57.21 -0.17 0.00	49.77 0.05 0.00	45.27 0.05 0.00	42.37 -0.08 0.00	41.40 0.04 0.00	40.55 0.00 0.00	41.74 0.00 0.00	48.70 -0.15 0.00	55.80 -0.39 0.00	64.39 0.00 0.00	74.29 0.00 0.00	66.34 0.00 0.00	58.54 0.06 0.00	50.71 0.15 0.00	48.17 0.14 0.00
ALCOA__DSASP 323711	53.92 0.48 0.00	50.84 0.50 0.00	49.02 0.39 0.00	46.81 0.23 0.00	50.66 0.35 0.00	52.37 0.05 0.00	65.32 0.07 0.00	88.53 -0.36 0.00	72.52 0.22 0.00	57.21 -0.17 0.00	49.77 0.05 0.00	45.27 0.05 0.00	42.37 -0.08 0.00	41.40 0.04 0.00	40.55 0.00 0.00	41.74 0.00 0.00	48.70 -0.15 0.00	55.80 -0.39 0.00	64.39 0.00 0.00	74.29 0.00 0.00	66.34 0.00 0.00	58.54 0.06 0.00	50.71 0.15 0.00	48.17 0.14 0.00
ALLEGHENY__COGEN 23514	53.97 0.53 0.00	50.34 0.00 0.00	48.82 0.20 0.00	46.76 0.19 0.00	50.71 0.40 0.00	52.64 0.32 0.00	65.26 0.00 0.00	89.06 0.18 0.00	71.72 -0.58 0.00	55.70 -1.67 0.01	48.73 -0.99 0.00	43.91 -1.31 0.00	41.22 -1.23 0.00	40.03 -1.32 0.00	39.09 -1.46 0.00	40.07 -1.67 0.00	47.38 -1.46 0.00	54.56 -1.63 0.00	63.68 -0.71 0.00	74.14 -0.15 0.00	66.47 0.13 0.00	58.19 -0.29 0.00	50.56 0.00 0.00	48.65 0.62 0.00
ALTMONT_115KV_TB 2 55880	54.24 0.80 0.00	51.14 0.81 0.00	49.45 0.83 0.00	47.41 0.84 0.00	51.11 0.80 0.00	53.31 0.99 0.00	66.56 1.31 0.00	90.57 1.69 0.00	73.46 1.16 0.00	58.35 0.98 0.00	50.37 0.65 0.00	45.81 0.59 0.00	43.01 0.55 0.00	41.89 0.54 0.00	41.16 0.61 0.00	42.41 0.67 0.00	49.73 0.88 0.00	57.43 1.24 0.00	65.55 1.16 0.00	75.63 1.34 0.00	67.53 1.19 0.00	59.59 1.11 0.00	51.52 0.96 0.00	48.80 0.77 0.00
ALTONA_WT_PWR 323606	55.20 1.76 0.00	51.84 1.51 0.00	49.89 1.26 0.00	47.51 0.93 0.00	51.31 1.01 0.00	53.11 0.79 0.00	66.30 1.04 0.00	90.03 1.15 0.00	73.89 1.59 0.00	58.35 0.97 0.00	50.62 0.90 0.00	45.99 0.77 0.00	43.01 0.55 0.00	42.01 0.66 0.00	41.12 0.57 0.00	42.37 0.63 0.00	49.44 0.59 0.00	56.87 0.68 0.00	65.61 1.22 0.00	75.78 1.49 0.00	67.74 1.40 0.00	59.77 1.28 0.00	51.63 1.06 0.00	48.99 0.96 0.00
AMERICAN_REF_FUEL 24010	48.73 -4.70 0.00	45.45 -4.88 0.00	44.35 -4.28 0.00	42.38 -4.19 0.00	45.57 -4.73 0.00	46.83 -5.49 0.00	57.23 -8.03 0.00	77.77 -11.11 0.00	63.55 -8.75 0.00	49.51 -7.86 0.01	44.35 -5.37 0.00	40.20 -5.02 0.00	37.83 -4.63 0.00	36.60 -4.75 0.00	35.68 -4.87 0.00	36.31 -5.43 0.00	42.69 -6.16 0.00	48.09 -8.09 0.01	55.50 -8.89 0.00	64.04 -10.25 0.00	57.52 -8.82 0.00	50.35 -8.13 0.00	44.39 -6.17 0.00	43.32 -4.70 0.00
ARKWRIGHT__SUMMIT_WT_PWR 323751	50.18 -3.26 0.00	46.81 -3.52 0.00	45.57 -3.06 0.00	43.55 -3.03 0.00	46.98 -3.32 0.00	48.61 -3.71 0.00	60.17 -5.09 0.00	81.95 -6.93 0.00	66.74 -5.57 0.00	52.20 -5.16 0.01	46.59 -3.13 0.00	42.28 -2.94 0.00	39.78 -2.67 0.00	38.54 -2.81 0.00	37.59 -2.96 0.00	38.32 -3.42 0.00	45.04 -3.81 0.00	51.02 -5.17 0.01	59.11 -5.28 0.00	68.35 -5.95 0.00	61.30 -5.04 0.00	53.75 -4.74 0.00	47.17 -3.39 0.00	45.92 -2.11 0.00
ARTHUR KILL_GT_1 23520	56.38 2.94 0.00	52.75 2.42 0.00	50.86 2.24 0.00	48.48 1.91 0.00	52.32 2.01 0.00	54.36 2.04 0.00	67.15 1.89 0.00	92.79 3.91 0.00	74.91 2.60 0.00	60.53 3.16 0.00	52.96 3.23 0.00	48.29 3.07 0.00	45.34 2.89 0.00	44.25 2.89 0.00	43.31 2.76 0.00	44.66 2.92 0.00	52.46 3.61 0.00	60.47 4.27 0.00	67.34 3.03 0.08	77.86 3.57 0.00	69.46 3.25 0.13	62.63 4.15 0.00	53.90 3.34 0.00	50.91 2.88 0.00
ARTHUR_KILL_2 23512	56.21 2.78 0.00	52.60 2.27 0.00	50.67 2.04 0.00	48.30 1.72 0.00	52.11 1.81 0.00	54.47 2.15 0.00	66.95 1.69 0.00	92.44 3.56 0.00	74.69 2.38 0.00	60.30 2.92 0.00	52.71 2.98 0.00	48.12 2.90 0.00	45.21 2.76 0.00	44.12 2.77 0.00	43.23 2.68 0.00	44.49 2.75 0.00	52.27 3.42 0.00	60.30 4.10 0.00	67.21 2.90 0.08	77.71 3.42 0.00	69.33 3.12 0.13	62.40 3.92 0.00	53.75 3.19 0.00	50.72 2.69 0.00
ARTHUR_KILL_3 23513	55.67 2.24 0.01	52.14 1.81 0.01	50.27 1.65 0.01	47.96 1.40 0.01	51.76 1.46 0.01	54.19 1.88 0.01	67.67 2.42 0.01	93.14 4.27 0.01	75.55 3.26 0.01	60.35 2.98 0.01	52.35 2.63 0.01	47.74 2.53 0.01	44.82 2.38 0.01	43.70 2.36 0.01	42.85 2.31 0.01	44.15 2.42 0.01	51.77 2.93 0.01	59.73 3.54 0.01	67.46 3.15 0.08	77.89 3.64 0.04	69.58 3.38 0.14	61.52 3.04 0.00	53.23 2.68 0.01	50.18 2.16 0.01

ARTHUR_KILL_COGEN 323718	56.37 2.94 0.00	52.75 2.42 0.00	50.82 2.19 0.00	48.44 1.86 0.00	52.26 1.96 0.00	54.62 2.30 0.00	67.08 1.82 0.00	92.70 3.82 0.00	74.83 2.53 0.00	60.42 3.04 0.00	52.81 3.08 0.00	48.25 3.03 0.00	45.30 2.84 0.00	44.21 2.85 0.00	43.31 2.76 0.00	44.62 2.88 0.00	52.41 3.56 0.00	60.41 4.22 0.00	67.40 3.09 0.08	77.93 3.64 0.00	69.59 3.38 0.13	62.57 4.09 0.00	53.90 3.34 0.00	50.86 2.83 0.00
ASHOKAN____ 23654	55.84 2.41 0.00	52.65 2.32 0.00	50.87 2.24 0.00	48.58 2.00 0.00	52.52 2.21 0.00	54.73 2.41 0.00	68.26 3.00 0.00	93.59 4.71 0.00	75.20 2.90 0.00	59.33 1.95 0.00	50.77 1.05 0.00	46.03 0.81 0.00	43.30 0.85 0.00	42.14 0.78 0.00	41.36 0.81 0.00	42.74 1.00 0.00	50.27 1.42 0.00	58.61 2.41 0.00	66.97 2.58 0.00	77.56 3.27 0.00	69.39 3.05 0.00	61.23 2.75 0.00	52.99 2.43 0.00	50.14 2.11 0.00
ASTORIA_EAST_ENERGY_CC1 323581	56.22 2.78 -0.01	52.50 2.16 0.00	50.58 1.95 0.00	48.16 1.58 0.00	52.02 1.71 0.00	54.20 1.88 0.00	67.08 1.82 0.01	92.52 3.65 0.01	75.19 2.90 0.01	60.24 2.87 0.01	52.40 2.68 0.01	47.88 2.67 0.01	44.95 2.50 0.01	43.87 2.52 0.01	42.98 2.43 0.01	44.28 2.55 0.01	51.92 3.08 0.01	59.90 3.71 0.01	67.54 3.15 0.01	77.85 3.57 0.01	69.58 3.25 0.01	61.45 2.98 0.01	53.29 2.73 0.00	50.52 2.50 0.00
ASTORIA_EAST_ENERGY_CC2 323582	56.22 2.78 -0.01	52.50 2.16 0.00	50.58 1.95 0.00	48.16 1.58 0.00	52.02 1.71 0.00	54.20 1.88 0.00	67.08 1.82 0.01	92.52 3.65 0.01	75.19 2.90 0.01	60.24 2.87 0.01	52.40 2.68 0.01	47.88 2.67 0.01	44.95 2.50 0.01	43.87 2.52 0.01	42.98 2.43 0.01	44.28 2.55 0.01	51.92 3.08 0.01	59.90 3.71 0.01	67.54 3.15 0.01	77.85 3.57 0.01	69.58 3.25 0.01	61.45 2.98 0.01	53.29 2.73 0.00	50.52 2.50 0.00
ASTORIA_GT2_1 24094	56.27 2.83 0.00	52.55 2.21 0.00	50.67 2.04 0.00	48.25 1.68 0.00	52.07 1.76 0.00	54.15 1.83 0.00	67.15 1.89 0.00	92.70 3.82 0.00	75.20 2.89 0.00	60.36 2.98 0.00	52.56 2.83 0.00	47.93 2.71 0.00	45.00 2.55 0.00	43.92 2.56 0.00	43.02 2.47 0.00	44.37 2.63 0.00	51.98 3.13 0.00	60.02 3.82 0.00	67.61 3.22 0.00	77.93 3.64 0.00	69.66 3.32 0.00	61.58 3.10 0.00	53.34 2.78 0.00	50.57 2.55 0.00
ASTORIA_GT2_2 24095	56.27 2.83 0.00	52.55 2.21 0.00	50.67 2.04 0.00	48.25 1.68 0.00	52.07 1.76 0.00	54.15 1.83 0.00	67.15 1.89 0.00	92.70 3.82 0.00	75.20 2.89 0.00	60.36 2.98 0.00	52.56 2.83 0.00	47.93 2.71 0.00	45.00 2.55 0.00	43.92 2.56 0.00	43.02 2.47 0.00	44.37 2.63 0.00	51.98 3.13 0.00	60.02 3.82 0.00	67.61 3.22 0.00	77.93 3.64 0.00	69.66 3.32 0.00	61.58 3.10 0.00	53.34 2.78 0.00	50.57 2.55 0.00
ASTORIA_GT2_3 24096	56.27 2.83 0.00	52.55 2.21 0.00	50.67 2.04 0.00	48.25 1.68 0.00	52.07 1.76 0.00	54.15 1.83 0.00	67.15 1.89 0.00	92.70 3.82 0.00	75.20 2.89 0.00	60.36 2.98 0.00	52.56 2.83 0.00	47.93 2.71 0.00	45.00 2.55 0.00	43.92 2.56 0.00	43.02 2.47 0.00	44.37 2.63 0.00	51.98 3.13 0.00	60.02 3.82 0.00	67.61 3.22 0.00	77.93 3.64 0.00	69.66 3.32 0.00	61.58 3.10 0.00	53.34 2.78 0.00	50.57 2.55 0.00
ASTORIA_GT2_4 24097	56.27 2.83 0.00	52.55 2.21 0.00	50.67 2.04 0.00	48.25 1.68 0.00	52.07 1.76 0.00	54.15 1.83 0.00	67.15 1.89 0.00	92.70 3.82 0.00	75.20 2.89 0.00	60.36 2.98 0.00	52.56 2.83 0.00	47.93 2.71 0.00	45.00 2.55 0.00	43.92 2.56 0.00	43.02 2.47 0.00	44.37 2.63 0.00	51.98 3.13 0.00	60.02 3.82 0.00	67.61 3.22 0.00	77.93 3.64 0.00	69.66 3.32 0.00	61.58 3.10 0.00	53.34 2.78 0.00	50.57 2.55 0.00
ASTORIA_GT3_1 24098	56.27 2.83 0.00	52.55 2.21 0.00	50.67 2.04 0.00	48.25 1.68 0.00	52.07 1.76 0.00	54.15 1.83 0.00	67.15 1.89 0.00	92.70 3.82 0.00	75.20 2.89 0.00	60.36 2.98 0.00	52.56 2.83 0.00	47.93 2.71 0.00	45.00 2.55 0.00	43.92 2.56 0.00	43.02 2.47 0.00	44.37 2.63 0.00	51.98 3.13 0.00	60.02 3.82 0.00	67.61 3.22 0.00	77.93 3.64 0.00	69.66 3.32 0.00	61.58 3.10 0.00	53.34 2.78 0.00	50.57 2.55 0.00
ASTORIA_GT3_2 24099	56.27 2.83 0.00	52.55 2.21 0.00	50.67 2.04 0.00	48.25 1.68 0.00	52.07 1.76 0.00	54.15 1.83 0.00	67.15 1.89 0.00	92.70 3.82 0.00	75.20 2.89 0.00	60.36 2.98 0.00	52.56 2.83 0.00	47.93 2.71 0.00	45.00 2.55 0.00	43.92 2.56 0.00	43.02 2.47 0.00	44.37 2.63 0.00	51.98 3.13 0.00	60.02 3.82 0.00	67.61 3.22 0.00	77.93 3.64 0.00	69.66 3.32 0.00	61.58 3.10 0.00	53.34 2.78 0.00	50.57 2.55 0.00
ASTORIA_GT3_3 24100	56.27 2.83 0.00	52.55 2.21 0.00	50.67 2.04 0.00	48.25 1.68 0.00	52.07 1.76 0.00	54.15 1.83 0.00	67.15 1.89 0.00	92.70 3.82 0.00	75.20 2.89 0.00	60.36 2.98 0.00	52.56 2.83 0.00	47.93 2.71 0.00	45.00 2.55 0.00	43.92 2.56 0.00	43.02 2.47 0.00	44.37 2.63 0.00	51.98 3.13 0.00	60.02 3.82 0.00	67.61 3.22 0.00	77.93 3.64 0.00	69.66 3.32 0.00	61.58 3.10 0.00	53.34 2.78 0.00	50.57 2.55 0.00
ASTORIA_GT3_4 24101	56.27 2.83 0.00	52.55 2.21 0.00	50.67 2.04 0.00	48.25 1.68 0.00	52.07 1.76 0.00	54.15 1.83 0.00	67.15 1.89 0.00	92.70 3.82 0.00	75.20 2.89 0.00	60.36 2.98 0.00	52.56 2.83 0.00	47.93 2.71 0.00	45.00 2.55 0.00	43.92 2.56 0.00	43.02 2.47 0.00	44.37 2.63 0.00	51.98 3.13 0.00	60.02 3.82 0.00	67.61 3.22 0.00	77.93 3.64 0.00	69.66 3.32 0.00	61.58 3.10 0.00	53.34 2.78 0.00	50.57 2.55 0.00
ASTORIA_GT4_1 24102	56.27 2.83 0.00	52.55 2.21 0.00	50.67 2.04 0.00	48.25 1.68 0.00	52.07 1.76 0.00	54.15 1.83 0.00	67.15 1.89 0.00	92.70 3.82 0.00	75.20 2.89 0.00	60.36 2.98 0.00	52.56 2.83 0.00	47.93 2.71 0.00	45.00 2.55 0.00	43.92 2.56 0.00	43.02 2.47 0.00	44.37 2.63 0.00	51.98 3.13 0.00	60.02 3.82 0.00	67.61 3.22 0.00	77.93 3.64 0.00	69.66 3.32 0.00	61.58 3.10 0.00	53.34 2.78 0.00	50.57 2.55 0.00
ASTORIA_GT4_2 24103	56.27 2.83 0.00	52.55 2.21 0.00	50.67 2.04 0.00	48.25 1.68 0.00	52.07 1.76 0.00	54.15 1.83 0.00	67.15 1.89 0.00	92.70 3.82 0.00	75.20 2.89 0.00	60.36 2.98 0.00	52.56 2.83 0.00	47.93 2.71 0.00	45.00 2.55 0.00	43.92 2.56 0.00	43.02 2.47 0.00	44.37 2.63 0.00	51.98 3.13 0.00	60.02 3.82 0.00	67.61 3.22 0.00	77.93 3.64 0.00	69.66 3.32 0.00	61.58 3.10 0.00	53.34 2.78 0.00	50.57 2.55 0.00
ASTORIA_GT4_3 24104	56.27 2.83 0.00	52.55 2.21 0.00	50.67 2.04 0.00	48.25 1.68 0.00	52.07 1.76 0.00	54.15 1.83 0.00	67.15 1.89 0.00	92.70 3.82 0.00	75.20 2.89 0.00	60.36 2.98 0.00	52.56 2.83 0.00	47.93 2.71 0.00	45.00 2.55 0.00	43.92 2.56 0.00	43.02 2.47 0.00	44.37 2.63 0.00	51.98 3.13 0.00	60.02 3.82 0.00	67.61 3.22 0.00	77.93 3.64 0.00	69.66 3.32 0.00	61.58 3.10 0.00	53.34 2.78 0.00	50.57 2.55 0.00

ASTORIA_GT4_4 24105	56.27 2.83 0.00	52.55 2.21 0.00	50.67 2.04 0.00	48.25 1.68 0.00	52.07 1.76 0.00	54.15 1.83 0.00	67.15 1.89 0.00	92.70 3.82 0.00	75.20 2.89 0.00	60.36 2.98 0.00	52.56 2.83 0.00	47.93 2.71 0.00	45.00 2.55 0.00	43.92 2.56 0.00	43.02 2.47 0.00	44.37 2.63 0.00	51.98 3.13 0.00	60.02 3.82 0.00	67.61 3.22 0.00	77.93 3.64 0.00	69.66 3.32 0.00	61.58 3.10 0.00	53.34 2.78 0.00	50.57 2.55 0.00
ASTORIA_GT_1 23523	56.38 2.94 0.00	52.65 2.32 0.00	50.72 2.09 0.00	48.30 1.72 0.00	52.17 1.86 0.00	54.20 1.88 0.00	67.28 2.02 0.00	92.79 3.91 0.00	75.34 3.04 0.00	60.48 3.10 0.00	52.66 2.93 0.00	48.02 2.80 0.00	45.09 2.63 0.00	44.00 2.65 0.00	43.07 2.51 0.00	44.41 2.67 0.00	52.07 3.22 0.00	60.13 3.93 0.00	67.74 3.35 0.00	78.08 3.79 0.00	69.79 3.45 0.00	61.70 3.22 0.00	53.39 2.83 0.00	50.67 2.64 0.00
ASTORIA_GT_10 24110	56.22 2.78 0.00	52.65 2.32 0.00	50.82 2.19 0.00	48.44 1.86 0.00	52.27 1.96 0.00	54.47 2.15 0.00	67.74 2.48 0.00	93.41 4.53 0.00	75.70 3.40 0.00	60.76 3.39 0.00	52.86 3.13 0.00	48.20 2.98 0.00	45.26 2.80 0.00	44.12 2.77 0.00	43.23 2.68 0.00	44.58 2.84 0.00	52.27 3.42 0.00	60.30 4.10 0.00	67.93 3.54 0.00	78.30 4.01 0.00	70.06 3.72 0.00	61.99 3.51 0.00	53.60 3.03 0.00	50.72 2.69 0.00
ASTORIA_GT_11 24225	56.22 2.78 0.00	52.65 2.32 0.00	50.82 2.19 0.00	48.44 1.86 0.00	52.27 1.96 0.00	54.47 2.15 0.00	67.74 2.48 0.00	93.41 4.53 0.00	75.70 3.40 0.00	60.76 3.39 0.00	52.86 3.13 0.00	48.20 2.98 0.00	45.26 2.80 0.00	44.12 2.77 0.00	43.23 2.68 0.00	44.58 2.84 0.00	52.27 3.42 0.00	60.30 4.10 0.00	67.93 3.54 0.00	78.30 4.01 0.00	70.06 3.72 0.00	61.99 3.51 0.00	53.60 3.03 0.00	50.72 2.69 0.00
ASTORIA_GT_12 24226	56.22 2.78 0.00	52.65 2.32 0.00	50.82 2.19 0.00	48.44 1.86 0.00	52.27 1.96 0.00	54.47 2.15 0.00	67.74 2.48 0.00	93.41 4.53 0.00	75.70 3.40 0.00	60.76 3.39 0.00	52.86 3.13 0.00	48.20 2.98 0.00	45.26 2.80 0.00	44.12 2.77 0.00	43.23 2.68 0.00	44.58 2.84 0.00	52.27 3.42 0.00	60.30 4.10 0.00	67.93 3.54 0.00	78.30 4.01 0.00	70.06 3.72 0.00	61.99 3.51 0.00	53.60 3.03 0.00	50.72 2.69 0.00
ASTORIA_GT_13 24227	56.22 2.78 0.00	52.65 2.32 0.00	50.82 2.19 0.00	48.44 1.86 0.00	52.27 1.96 0.00	54.47 2.15 0.00	67.74 2.48 0.00	93.41 4.53 0.00	75.70 3.40 0.00	60.76 3.39 0.00	52.86 3.13 0.00	48.20 2.98 0.00	45.26 2.80 0.00	44.12 2.77 0.00	43.23 2.68 0.00	44.58 2.84 0.00	52.27 3.42 0.00	60.30 4.10 0.00	67.93 3.54 0.00	78.30 4.01 0.00	70.06 3.72 0.00	61.99 3.51 0.00	53.60 3.03 0.00	50.72 2.69 0.00
ASTORIA_GT_5 24106	56.38 2.94 0.00	52.65 2.32 0.00	50.72 2.09 0.00	48.30 1.72 0.00	52.17 1.86 0.00	54.20 1.88 0.00	67.28 2.02 0.00	92.79 3.91 0.00	75.34 3.04 0.00	60.48 3.10 0.00	52.66 2.93 0.00	48.02 2.80 0.00	45.09 2.63 0.00	44.00 2.65 0.00	43.07 2.51 0.00	44.41 2.67 0.00	52.07 3.22 0.00	60.13 3.93 0.00	67.74 3.35 0.00	78.08 3.79 0.00	69.79 3.45 0.00	61.70 3.22 0.00	53.39 2.83 0.00	50.67 2.64 0.00
ASTORIA_GT_7 24107	56.38 2.94 0.00	52.65 2.32 0.00	50.72 2.09 0.00	48.30 1.72 0.00	52.17 1.86 0.00	54.20 1.88 0.00	67.28 2.02 0.00	92.79 3.91 0.00	75.34 3.04 0.00	60.48 3.10 0.00	52.66 2.93 0.00	48.02 2.80 0.00	45.09 2.63 0.00	44.00 2.65 0.00	43.07 2.51 0.00	44.41 2.67 0.00	52.07 3.22 0.00	60.13 3.93 0.00	67.74 3.35 0.00	78.08 3.79 0.00	69.79 3.45 0.00	61.70 3.22 0.00	53.39 2.83 0.00	50.67 2.64 0.00
ASTORIA_GT_8 24108	56.38 2.94 0.00	52.65 2.32 0.00	50.72 2.09 0.00	48.30 1.72 0.00	52.17 1.86 0.00	54.20 1.88 0.00	67.28 2.02 0.00	92.79 3.91 0.00	75.34 3.04 0.00	60.48 3.10 0.00	52.66 2.93 0.00	48.02 2.80 0.00	45.09 2.63 0.00	44.00 2.65 0.00	43.07 2.51 0.00	44.41 2.67 0.00	52.07 3.22 0.00	60.13 3.93 0.00	67.74 3.35 0.00	78.08 3.79 0.00	69.79 3.45 0.00	61.70 3.22 0.00	53.39 2.83 0.00	50.67 2.64 0.00
ASTORIA___2 24149	56.28 2.83 -0.01	52.50 2.16 0.00	50.58 1.95 0.00	48.20 1.63 0.00	52.02 1.71 0.00	54.20 1.88 0.00	67.15 1.89 0.01	92.61 3.73 0.01	75.19 2.90 0.01	60.24 2.87 0.01	52.40 2.68 0.01	47.88 2.67 0.01	45.00 2.55 0.01	43.87 2.52 0.01	43.02 2.47 0.01	44.32 2.59 0.01	51.92 3.08 0.01	59.95 3.77 0.01	67.54 3.15 0.01	77.92 3.64 0.01	69.65 3.32 0.01	61.51 3.04 0.01	53.29 2.73 0.00	50.52 2.50 0.00
ASTORIA___3 23516	56.16 2.72 0.00	52.65 2.32 0.00	50.72 2.09 0.00	48.39 1.81 0.00	52.22 1.91 0.00	54.52 2.20 0.00	67.74 2.48 0.00	93.32 4.44 0.00	75.70 3.40 0.00	60.65 3.27 0.00	52.71 2.98 0.00	48.16 2.94 0.00	45.21 2.76 0.00	44.08 2.73 0.00	43.23 2.68 0.00	44.54 2.80 0.00	52.22 3.37 0.00	60.24 4.05 0.00	67.86 3.47 0.00	78.30 4.01 0.00	69.99 3.65 0.00	61.93 3.45 0.00	53.60 3.03 0.00	50.67 2.64 0.00
ASTORIA___4 23517	56.22 2.78 0.00	52.65 2.32 0.00	50.82 2.19 0.00	48.44 1.86 0.00	52.27 1.96 0.00	54.41 2.09 0.00	67.74 2.48 0.00	93.41 4.53 0.00	75.70 3.40 0.00	60.76 3.39 0.00	52.86 3.13 0.00	48.20 2.98 0.00	45.26 2.80 0.00	44.12 2.77 0.00	43.23 2.68 0.00	44.58 2.84 0.00	52.27 3.42 0.00	60.24 4.05 0.00	67.93 3.54 0.00	78.30 4.01 0.00	70.06 3.72 0.00	61.99 3.51 0.00	53.60 3.03 0.00	50.72 2.69 0.00
ASTORIA___5 23518	56.16 2.72 0.00	52.65 2.32 0.00	50.72 2.09 0.00	48.39 1.81 0.00	52.22 1.91 0.00	54.52 2.20 0.00	67.74 2.48 0.00	93.32 4.44 0.00	75.70 3.40 0.00	60.65 3.27 0.00	52.71 2.98 0.00	48.16 2.94 0.00	45.21 2.76 0.00	44.08 2.73 0.00	43.23 2.68 0.00	44.54 2.80 0.00	52.22 3.37 0.00	60.24 4.05 0.00	67.86 3.47 0.00	78.30 4.01 0.00	69.99 3.65 0.00	61.93 3.45 0.00	53.60 3.03 0.00	50.67 2.64 0.00
AST_ENERGY_2_CC3 323677	55.79 2.35 0.00	52.25 1.91 0.00	50.38 1.75 0.00	48.07 1.49 0.00	51.91 1.61 0.00	54.31 1.99 0.00	67.80 2.54 0.00	93.32 4.44 0.00	75.63 3.33 0.00	60.42 3.04 0.00	52.41 2.68 0.00	47.80 2.58 0.00	44.92 2.46 0.00	43.79 2.44 0.00	42.94 2.39 0.00	44.20 2.46 0.00	51.88 3.03 0.00	59.85 3.65 0.00	67.67 3.28 0.00	78.08 3.79 0.00	69.85 3.51 0.00	61.64 3.16 0.00	53.34 2.78 0.00	50.29 2.26 0.00
AST_ENERGY_2_CC4 323678	55.79 2.35 0.00	52.25 1.91 0.00	50.38 1.75 0.00	48.07 1.49 0.00	51.91 1.61 0.00	54.31 1.99 0.00	67.80 2.54 0.00	93.32 4.44 0.00	75.63 3.33 0.00	60.42 3.04 0.00	52.41 2.68 0.00	47.80 2.58 0.00	44.92 2.46 0.00	43.79 2.44 0.00	42.94 2.39 0.00	44.20 2.46 0.00	51.88 3.03 0.00	59.85 3.65 0.00	67.67 3.28 0.00	78.08 3.79 0.00	69.85 3.51 0.00	61.64 3.16 0.00	53.34 2.78 0.00	50.29 2.26 0.00

ATHENS_STG_1 23668	54.61 1.17 0.00	51.39 1.06 0.00	49.65 1.02 0.00	47.51 0.93 0.00	51.26 0.95 0.00	53.52 1.20 0.00	66.82 1.56 0.00	91.46 2.58 0.00	73.97 1.66 0.00	58.93 1.55 0.00	50.92 1.19 0.00	46.39 1.17 0.00	43.56 1.10 0.00	42.47 1.12 0.00	41.73 1.18 0.00	42.95 1.21 0.00	50.36 1.52 0.00	58.11 1.91 0.00	66.13 1.74 0.00	76.22 1.93 0.00	68.13 1.79 0.00	60.12 1.64 0.00	51.98 1.41 0.00	49.13 1.11 0.00
ATHENS_STG_2 23670	54.61 1.17 0.00	51.39 1.06 0.00	49.65 1.02 0.00	47.51 0.93 0.00	51.26 0.95 0.00	53.52 1.20 0.00	66.82 1.56 0.00	91.46 2.58 0.00	73.97 1.66 0.00	58.93 1.55 0.00	50.92 1.19 0.00	46.39 1.17 0.00	43.56 1.10 0.00	42.47 1.12 0.00	41.73 1.18 0.00	42.95 1.21 0.00	50.36 1.52 0.00	58.11 1.91 0.00	66.13 1.74 0.00	76.22 1.93 0.00	68.13 1.79 0.00	60.12 1.64 0.00	51.98 1.41 0.00	49.13 1.11 0.00
ATHENS_STG_3 23677	54.61 1.17 0.00	51.39 1.06 0.00	49.65 1.02 0.00	47.51 0.93 0.00	51.26 0.95 0.00	53.52 1.20 0.00	66.82 1.56 0.00	91.46 2.58 0.00	73.97 1.66 0.00	58.93 1.55 0.00	50.92 1.19 0.00	46.39 1.17 0.00	43.56 1.10 0.00	42.47 1.12 0.00	41.73 1.18 0.00	42.95 1.21 0.00	50.36 1.52 0.00	58.11 1.91 0.00	66.13 1.74 0.00	76.22 1.93 0.00	68.13 1.79 0.00	60.12 1.64 0.00	51.98 1.41 0.00	49.13 1.11 0.00
AUBURN___LFGE 323710	53.33 -0.11 0.00	50.08 -0.25 0.00	48.38 -0.24 0.00	46.34 -0.23 0.00	50.25 -0.05 0.00	52.22 -0.10 0.00	65.06 -0.20 0.00	88.88 0.00 0.00	72.23 -0.07 0.00	57.27 -0.11 0.00	49.77 0.05 0.00	45.22 0.00 0.00	42.46 0.00 0.00	41.31 -0.04 0.00	40.39 -0.16 0.00	41.53 -0.21 0.00	48.75 -0.10 0.00	55.97 -0.22 0.00	64.20 -0.19 0.00	74.14 -0.15 0.00	66.14 -0.20 0.00	58.25 -0.23 0.00	50.46 -0.10 0.00	48.08 0.05 0.00
BABYLON_RES_REC 323704	57.08 3.64 -0.01	53.47 3.12 -0.01	51.50 2.87 0.00	49.00 2.42 0.00	52.97 2.66 0.00	55.62 3.30 0.00	69.31 4.05 0.00	94.39 5.51 0.00	77.29 4.99 0.00	61.34 3.96 -0.01	53.51 3.78 -0.01	48.80 3.57 -0.01	45.82 3.35 -0.01	44.71 3.35 -0.01	43.84 3.28 -0.01	45.17 3.42 -0.01	56.49 4.10 -3.54	64.26 5.06 -3.00	69.49 5.03 -0.07	80.02 5.72 -0.01	72.34 5.31 -0.69	63.23 4.73 -0.01	58.47 4.15 -3.76	51.59 3.55 -0.01
BALL_HILL_WT_PWR 323825	50.28 -3.15 0.00	46.96 -3.37 0.00	45.66 -2.97 0.00	43.64 -2.93 0.00	47.04 -3.27 0.00	48.61 -3.71 0.00	59.91 -5.35 0.00	81.42 -7.47 0.00	66.38 -5.93 0.00	51.80 -5.56 0.01	46.20 -3.53 0.00	41.87 -3.35 0.00	39.40 -3.06 0.00	38.13 -3.23 0.00	37.19 -3.37 0.00	37.90 -3.84 0.00	44.55 -4.30 0.00	50.40 -5.79 0.01	58.27 -6.12 0.00	67.31 -6.99 0.00	60.37 -5.97 0.00	52.92 -5.56 0.00	46.42 -4.15 0.00	45.24 -2.79 0.00
BARON_WINDS___WT_PWR 323822	51.52 -1.92 0.00	48.12 -2.21 0.00	46.68 -1.95 0.00	44.66 -1.91 0.00	48.29 -2.01 0.00	50.12 -2.20 0.00	62.19 -3.07 0.00	84.71 -4.18 0.00	68.76 -3.54 0.00	53.86 -3.50 0.02	47.44 -2.29 0.00	43.01 -2.21 0.00	40.38 -2.08 0.00	39.16 -2.19 0.00	38.24 -2.31 0.00	39.07 -2.67 0.00	45.97 -2.88 0.00	52.54 -3.65 0.00	60.72 -3.67 0.00	70.13 -4.16 0.00	62.76 -3.58 0.00	55.15 -3.33 0.00	48.14 -2.43 0.00	46.44 -1.58 0.00
BARRETT_IC_1 23704	56.38 2.94 -0.01	52.91 2.57 -0.01	50.91 2.29 0.00	48.49 1.91 0.00	52.42 2.11 0.00	54.99 2.67 0.00	68.52 3.26 0.00	92.88 4.00 0.00	76.50 4.19 0.00	60.83 3.44 -0.01	52.87 3.13 -0.01	48.17 2.94 -0.01	45.31 2.84 -0.01	44.26 2.89 -0.01	43.44 2.88 -0.01	44.67 2.92 -0.01	55.18 3.17 -3.16	63.14 4.27 -2.68	68.52 4.06 -0.07	78.98 4.68 -0.01	71.14 4.18 -0.62	62.35 3.86 -0.01	57.11 3.19 -3.36	50.82 2.78 -0.01
BARRETT_IC_10 23701	56.38 2.94 -0.01	52.91 2.57 -0.01	50.91 2.29 0.00	48.49 1.91 0.00	52.42 2.11 0.00	54.99 2.67 0.00	68.52 3.26 0.00	92.88 4.00 0.00	76.50 4.19 0.00	60.83 3.44 -0.01	52.87 3.13 -0.01	48.17 2.94 -0.01	45.31 2.84 -0.01	44.26 2.89 -0.01	43.44 2.88 -0.01	44.67 2.92 -0.01	55.18 3.17 -3.16	63.14 4.27 -2.68	68.52 4.06 -0.07	78.98 4.68 -0.01	71.14 4.18 -0.62	62.35 3.86 -0.01	57.11 3.19 -3.36	50.82 2.78 -0.01
BARRETT_IC_11 23702	56.38 2.94 -0.01	52.91 2.57 -0.01	50.91 2.29 0.00	48.49 1.91 0.00	52.42 2.11 0.00	54.99 2.67 0.00	68.52 3.26 0.00	92.88 4.00 0.00	76.50 4.19 0.00	60.83 3.44 -0.01	52.87 3.13 -0.01	48.17 2.94 -0.01	45.31 2.84 -0.01	44.26 2.89 -0.01	43.44 2.88 -0.01	44.67 2.92 -0.01	55.18 3.17 -3.16	63.14 4.27 -2.68	68.52 4.06 -0.07	78.98 4.68 -0.01	71.14 4.18 -0.62	62.35 3.86 -0.01	57.11 3.19 -3.36	50.82 2.78 -0.01
BARRETT_IC_12 23703	56.38 2.94 -0.01	52.91 2.57 -0.01	50.91 2.29 0.00	48.49 1.91 0.00	52.42 2.11 0.00	54.99 2.67 0.00	68.52 3.26 0.00	92.88 4.00 0.00	76.50 4.19 0.00	60.83 3.44 -0.01	52.87 3.13 -0.01	48.17 2.94 -0.01	45.31 2.84 -0.01	44.26 2.89 -0.01	43.44 2.88 -0.01	44.67 2.92 -0.01	55.18 3.17 -3.16	63.14 4.27 -2.68	68.52 4.06 -0.07	78.98 4.68 -0.01	71.14 4.18 -0.62	62.35 3.86 -0.01	57.11 3.19 -3.36	50.82 2.78 -0.01
BARRETT_IC_2 23705	56.38 2.94 -0.01	52.91 2.57 -0.01	50.91 2.29 0.00	48.49 1.91 0.00	52.42 2.11 0.00	54.99 2.67 0.00	68.52 3.26 0.00	92.88 4.00 0.00	76.50 4.19 0.00	60.83 3.44 -0.01	52.87 3.13 -0.01	48.17 2.94 -0.01	45.31 2.84 -0.01	44.26 2.89 -0.01	43.44 2.88 -0.01	44.67 2.92 -0.01	55.18 3.17 -3.16	63.14 4.27 -2.68	68.52 4.06 -0.07	78.98 4.68 -0.01	71.14 4.18 -0.62	62.35 3.86 -0.01	57.11 3.19 -3.36	50.82 2.78 -0.01
BARRETT_IC_3 23706	56.38 2.94 -0.01	52.91 2.57 -0.01	50.91 2.29 0.00	48.49 1.91 0.00	52.42 2.11 0.00	54.99 2.67 0.00	68.52 3.26 0.00	92.88 4.00 0.00	76.50 4.19 0.00	60.83 3.44 -0.01	52.87 3.13 -0.01	48.17 2.94 -0.01	45.31 2.84 -0.01	44.26 2.89 -0.01	43.44 2.88 -0.01	44.67 2.92 -0.01	55.18 3.17 -3.16	63.14 4.27 -2.68	68.52 4.06 -0.07	78.98 4.68 -0.01	71.14 4.18 -0.62	62.35 3.86 -0.01	57.11 3.19 -3.36	50.82 2.78 -0.01
BARRETT_IC_4 23707	56.38 2.94 -0.01	52.91 2.57 -0.01	50.91 2.29 0.00	48.49 1.91 0.00	52.42 2.11 0.00	54.99 2.67 0.00	68.52 3.26 0.00	92.88 4.00 0.00	76.50 4.19 0.00	60.83 3.44 -0.01	52.87 3.13 -0.01	48.17 2.94 -0.01	45.31 2.84 -0.01	44.26 2.89 -0.01	43.44 2.88 -0.01	44.67 2.92 -0.01	55.18 3.17 -3.16	63.14 4.27 -2.68	68.52 4.06 -0.07	78.98 4.68 -0.01	71.14 4.18 -0.62	62.35 3.86 -0.01	57.11 3.19 -3.36	50.82 2.78 -0.01
BARRETT_IC_5 23708	56.38 2.94 -0.01	52.91 2.57 -0.01	50.91 2.29 0.00	48.49 1.91 0.00	52.42 2.11 0.00	54.99 2.67 0.00	68.52 3.26 0.00	92.88 4.00 0.00	76.50 4.19 0.00	60.83 3.44 -0.01	52.87 3.13 -0.01	48.17 2.94 -0.01	45.31 2.84 -0.01	44.26 2.89 -0.01	43.44 2.88 -0.01	44.67 2.92 -0.01	55.18 3.17 -3.16	63.14 4.27 -2.68	68.52 4.06 -0.07	78.98 4.68 -0.01	71.14 4.18 -0.62	62.35 3.86 -0.01	57.11 3.19 -3.36	50.82 2.78 -0.01

BARRETT_IC_6 23709	56.38 2.94 -0.01	52.91 2.57 -0.01	50.91 2.29 0.00	48.49 1.91 0.00	52.42 2.11 0.00	54.99 2.67 0.00	68.52 3.26 0.00	92.88 4.00 0.00	76.50 4.19 0.00	60.83 3.44 -0.01	52.87 3.13 -0.01	48.17 2.94 -0.01	45.31 2.84 -0.01	44.26 2.89 -0.01	43.44 2.88 -0.01	44.67 2.92 -0.01	55.18 3.17 -3.16	63.14 4.27 -2.68	68.52 4.06 -0.07	78.98 4.68 -0.01	71.14 4.18 -0.62	62.35 3.86 -0.01	57.11 3.19 -3.36	50.82 2.78 -0.01
BARRETT_IC_7 23710	56.44 2.99 -0.01	52.96 2.62 -0.01	51.06 2.43 0.00	48.62 2.05 0.00	52.57 2.26 0.00	54.94 2.62 0.00	68.59 3.33 0.00	92.97 4.09 0.00	75.99 3.69 0.00	61.06 3.67 -0.01	52.97 3.23 -0.01	48.26 3.03 -0.01	45.35 2.89 -0.01	44.30 2.94 -0.01	43.44 2.88 -0.01	44.71 2.96 -0.01	55.18 3.18 -3.16	63.14 4.27 -2.68	68.52 4.06 -0.07	79.06 4.75 -0.01	70.94 3.98 -0.62	62.41 3.92 -0.01	57.10 3.19 -3.36	50.87 2.83 -0.01
BARRETT_IC_8 23711	56.38 2.94 -0.01	52.91 2.57 -0.01	50.91 2.29 0.00	48.49 1.91 0.00	52.42 2.11 0.00	54.99 2.67 0.00	68.52 3.26 0.00	92.88 4.00 0.00	76.50 4.19 0.00	60.83 3.44 -0.01	52.87 3.13 -0.01	48.17 2.94 -0.01	45.31 2.84 -0.01	44.26 2.89 -0.01	43.44 2.88 -0.01	44.67 2.92 -0.01	55.18 3.17 -3.16	63.14 4.27 -2.68	68.52 4.06 -0.07	78.98 4.68 -0.01	71.14 4.18 -0.62	62.35 3.86 -0.01	57.11 3.19 -3.36	50.82 2.78 -0.01
BARRETT_IC_9 23700	56.38 2.94 -0.01	52.91 2.57 -0.01	50.91 2.29 0.00	48.49 1.91 0.00	52.42 2.11 0.00	54.99 2.67 0.00	68.52 3.26 0.00	92.88 4.00 0.00	76.50 4.19 0.00	60.83 3.44 -0.01	52.87 3.13 -0.01	48.17 2.94 -0.01	45.31 2.84 -0.01	44.26 2.89 -0.01	43.44 2.88 -0.01	44.67 2.92 -0.01	55.18 3.17 -3.16	63.14 4.27 -2.68	68.52 4.06 -0.07	78.98 4.68 -0.01	71.14 4.18 -0.62	62.35 3.86 -0.01	57.11 3.19 -3.36	50.82 2.78 -0.01
BARRETT__1 23545	56.38 2.94 -0.01	52.91 2.57 -0.01	50.91 2.29 0.00	48.49 1.91 0.00	52.42 2.11 0.00	54.99 2.67 0.00	68.52 3.26 0.00	92.88 4.00 0.00	76.50 4.19 0.00	60.83 3.44 -0.01	52.87 3.13 -0.01	48.17 2.94 -0.01	45.31 2.84 -0.01	44.26 2.89 -0.01	43.44 2.88 -0.01	44.67 2.92 -0.01	55.18 3.17 -3.16	63.14 4.27 -2.68	68.52 4.06 -0.07	78.98 4.68 -0.01	71.14 4.18 -0.62	62.35 3.86 -0.01	57.11 3.19 -3.36	50.82 2.78 -0.01
BARRETT__2 23546	56.38 2.94 -0.01	52.91 2.57 -0.01	50.91 2.29 0.00	48.49 1.91 0.00	52.42 2.11 0.00	54.99 2.67 0.00	68.52 3.26 0.00	92.88 4.00 0.00	76.50 4.19 0.00	60.83 3.44 -0.01	52.87 3.13 -0.01	48.17 2.94 -0.01	45.31 2.84 -0.01	44.26 2.89 -0.01	43.44 2.88 -0.01	44.67 2.92 -0.01	55.18 3.17 -3.16	63.14 4.27 -2.68	68.52 4.06 -0.07	78.98 4.68 -0.01	71.14 4.18 -0.62	62.35 3.86 -0.01	57.11 3.19 -3.36	50.82 2.78 -0.01
BATAVIA__115KV_TB1 55881	50.87 -2.56 0.00	47.47 -2.87 0.00	46.05 -2.58 0.00	44.15 -2.42 0.00	47.64 -2.67 0.00	49.18 -3.14 0.00	60.56 -4.70 0.00	82.48 -6.40 0.00	67.31 -4.99 0.00	52.61 -4.76 0.01	46.54 -3.18 0.00	42.28 -2.94 0.00	39.82 -2.63 0.00	38.58 -2.77 0.00	37.55 -3.00 0.00	38.32 -3.42 0.00	45.14 -3.71 0.00	51.24 -4.95 0.01	59.17 -5.22 0.00	68.42 -5.87 0.00	61.23 -5.11 0.00	53.63 -4.85 0.00	47.02 -3.54 0.00	45.67 -2.35 0.00
BAYONEEC__CTG1 323682	55.84 2.41 0.00	52.30 1.96 0.00	50.48 1.85 0.00	48.16 1.58 0.00	51.96 1.66 0.00	54.36 2.04 0.00	67.94 2.68 0.00	93.50 4.62 0.00	75.77 3.47 0.00	60.53 3.15 0.00	52.51 2.78 0.00	47.93 2.71 0.00	45.00 2.55 0.00	43.88 2.52 0.00	43.03 2.47 0.00	44.33 2.59 0.00	51.98 3.13 0.00	59.96 3.77 0.00	67.80 3.41 0.00	78.23 3.93 0.00	69.92 3.58 0.00	61.76 3.27 0.00	53.39 2.83 0.00	50.38 2.35 0.00
BAYONEEC__CTG10 323750	55.84 2.41 0.00	52.30 1.96 0.00	50.48 1.85 0.00	48.16 1.58 0.00	51.96 1.66 0.00	54.36 2.04 0.00	67.94 2.68 0.00	93.50 4.62 0.00	75.77 3.47 0.00	60.53 3.15 0.00	52.51 2.78 0.00	47.93 2.71 0.00	45.00 2.55 0.00	43.88 2.52 0.00	43.03 2.47 0.00	44.33 2.59 0.00	51.98 3.13 0.00	59.96 3.77 0.00	67.80 3.41 0.00	78.23 3.93 0.00	69.92 3.58 0.00	61.76 3.27 0.00	53.39 2.83 0.00	50.38 2.35 0.00
BAYONEEC__CTG2 323683	55.84 2.41 0.00	52.30 1.96 0.00	50.48 1.85 0.00	48.16 1.58 0.00	51.96 1.66 0.00	54.36 2.04 0.00	67.94 2.68 0.00	93.50 4.62 0.00	75.77 3.47 0.00	60.53 3.15 0.00	52.51 2.78 0.00	47.93 2.71 0.00	45.00 2.55 0.00	43.88 2.52 0.00	43.03 2.47 0.00	44.33 2.59 0.00	51.98 3.13 0.00	59.96 3.77 0.00	67.80 3.41 0.00	78.23 3.93 0.00	69.92 3.58 0.00	61.76 3.27 0.00	53.39 2.83 0.00	50.38 2.35 0.00
BAYONEEC__CTG3 323684	55.84 2.41 0.00	52.30 1.96 0.00	50.48 1.85 0.00	48.16 1.58 0.00	51.96 1.66 0.00	54.36 2.04 0.00	67.94 2.68 0.00	93.50 4.62 0.00	75.77 3.47 0.00	60.53 3.15 0.00	52.51 2.78 0.00	47.93 2.71 0.00	45.00 2.55 0.00	43.88 2.52 0.00	43.03 2.47 0.00	44.33 2.59 0.00	51.98 3.13 0.00	59.96 3.77 0.00	67.80 3.41 0.00	78.23 3.93 0.00	69.92 3.58 0.00	61.76 3.27 0.00	53.39 2.83 0.00	50.38 2.35 0.00
BAYONEEC__CTG4 323685	55.84 2.41 0.00	52.30 1.96 0.00	50.48 1.85 0.00	48.16 1.58 0.00	51.96 1.66 0.00	54.36 2.04 0.00	67.94 2.68 0.00	93.50 4.62 0.00	75.77 3.47 0.00	60.53 3.15 0.00	52.51 2.78 0.00	47.93 2.71 0.00	45.00 2.55 0.00	43.88 2.52 0.00	43.03 2.47 0.00	44.33 2.59 0.00	51.98 3.13 0.00	59.96 3.77 0.00	67.80 3.41 0.00	78.23 3.93 0.00	69.92 3.58 0.00	61.76 3.27 0.00	53.39 2.83 0.00	50.38 2.35 0.00
BAYONEEC__CTG5 323686	55.84 2.41 0.00	52.30 1.96 0.00	50.48 1.85 0.00	48.16 1.58 0.00	51.96 1.66 0.00	54.36 2.04 0.00	67.94 2.68 0.00	93.50 4.62 0.00	75.77 3.47 0.00	60.53 3.15 0.00	52.51 2.78 0.00	47.93 2.71 0.00	45.00 2.55 0.00	43.88 2.52 0.00	43.03 2.47 0.00	44.33 2.59 0.00	51.98 3.13 0.00	59.96 3.77 0.00	67.80 3.41 0.00	78.23 3.93 0.00	69.92 3.58 0.00	61.76 3.27 0.00	53.39 2.83 0.00	50.38 2.35 0.00
BAYONEEC__CTG6 323687	55.84 2.41 0.00	52.30 1.96 0.00	50.48 1.85 0.00	48.16 1.58 0.00	51.96 1.66 0.00	54.36 2.04 0.00	67.94 2.68 0.00	93.50 4.62 0.00	75.77 3.47 0.00	60.53 3.15 0.00	52.51 2.78 0.00	47.93 2.71 0.00	45.00 2.55 0.00	43.88 2.52 0.00	43.03 2.47 0.00	44.33 2.59 0.00	51.98 3.13 0.00	59.96 3.77 0.00	67.80 3.41 0.00	78.23 3.93 0.00	69.92 3.58 0.00	61.76 3.27 0.00	53.39 2.83 0.00	50.38 2.35 0.00
BAYONEEC__CTG7 323688	55.84 2.41 0.00	52.30 1.96 0.00	50.48 1.85 0.00	48.16 1.58 0.00	51.96 1.66 0.00	54.36 2.04 0.00	67.94 2.68 0.00	93.50 4.62 0.00	75.77 3.47 0.00	60.53 3.15 0.00	52.51 2.78 0.00	47.93 2.71 0.00	45.00 2.55 0.00	43.88 2.52 0.00	43.03 2.47 0.00	44.33 2.59 0.00	51.98 3.13 0.00	59.96 3.77 0.00	67.80 3.41 0.00	78.23 3.93 0.00	69.92 3.58 0.00	61.76 3.27 0.00	53.39 2.83 0.00	50.38 2.35 0.00

BAYONEEC___CTG8 323689	55.84 2.41 0.00	52.30 1.96 0.00	50.48 1.85 0.00	48.16 1.58 0.00	51.96 1.66 0.00	54.36 2.04 0.00	67.94 2.68 0.00	93.50 4.62 0.00	75.77 3.47 0.00	60.53 3.15 0.00	52.51 2.78 0.00	47.93 2.71 0.00	45.00 2.55 0.00	43.88 2.52 0.00	43.03 2.47 0.00	44.33 2.59 0.00	51.98 3.13 0.00	59.96 3.77 0.00	67.80 3.41 0.00	78.23 3.93 0.00	69.92 3.58 0.00	61.76 3.27 0.00	53.39 2.83 0.00	50.38 2.35 0.00
BAYONEEC___CTG9 323749	55.84 2.41 0.00	52.30 1.96 0.00	50.48 1.85 0.00	48.16 1.58 0.00	51.96 1.66 0.00	54.36 2.04 0.00	67.94 2.68 0.00	93.50 4.62 0.00	75.77 3.47 0.00	60.53 3.15 0.00	52.51 2.78 0.00	47.93 2.71 0.00	45.00 2.55 0.00	43.88 2.52 0.00	43.03 2.47 0.00	44.33 2.59 0.00	51.98 3.13 0.00	59.96 3.77 0.00	67.80 3.41 0.00	78.23 3.93 0.00	69.92 3.58 0.00	61.76 3.27 0.00	53.39 2.83 0.00	50.38 2.35 0.00
BEACON___LESR 323632	54.34 0.91 0.00	51.44 1.11 0.00	49.75 1.12 0.00	47.74 1.16 0.00	51.46 1.16 0.00	53.63 1.31 0.00	67.02 1.76 0.00	91.28 2.40 0.00	73.89 1.59 0.00	58.70 1.32 0.00	50.52 0.79 0.00	45.90 0.68 0.00	43.18 0.72 0.00	42.01 0.66 0.00	41.28 0.73 0.00	42.62 0.88 0.00	50.02 1.17 0.00	57.83 1.63 0.00	65.93 1.54 0.00	76.07 1.78 0.00	67.80 1.46 0.00	59.83 1.35 0.00	51.73 1.16 0.00	48.94 0.91 0.00
BEAVER RIVER___HYD 24048	52.48 -0.96 0.00	49.38 -0.96 0.00	47.66 -0.97 0.00	45.88 -0.70 0.00	49.40 -0.90 0.00	51.48 -0.84 0.00	64.81 -0.45 0.00	87.82 -1.06 0.00	71.00 -1.30 0.00	55.77 -1.61 0.00	48.03 -1.69 0.00	43.68 -1.54 0.00	40.89 -1.57 0.00	39.95 -1.41 0.00	39.29 -1.26 0.00	40.82 -0.92 0.00	48.16 -0.68 0.00	55.92 -0.28 0.00	64.39 0.00 0.00	74.66 0.37 0.00	66.41 0.07 0.00	58.60 0.12 0.00	50.66 0.10 0.00	47.84 -0.19 0.00
BEEBEE_GT_13 23619	52.15 -1.28 0.00	48.77 -1.56 0.00	47.22 -1.41 0.00	45.27 -1.30 0.00	48.95 -1.36 0.00	50.70 -1.62 0.00	62.84 -2.41 0.00	85.77 -3.11 0.00	70.13 -2.17 0.00	55.31 -2.07 0.01	48.48 -1.24 0.00	44.09 -1.13 0.00	41.48 -0.98 0.00	40.28 -1.08 0.00	39.25 -1.30 0.00	40.24 -1.50 0.00	47.29 -1.56 0.00	53.95 -2.25 0.00	62.01 -2.38 0.00	71.54 -2.75 0.00	63.95 -2.39 0.00	56.08 -2.40 0.00	48.74 -1.82 0.00	46.83 -1.20 0.00
BENSHRST_27_KV_BENSHRST_1 355998	56.54 3.10 0.00	52.90 2.57 0.00	51.01 2.38 0.00	48.62 2.05 0.00	52.47 2.16 0.00	54.62 2.30 0.00	67.80 2.55 0.00	93.59 4.71 0.00	75.77 3.47 0.00	60.99 3.61 0.00	53.16 3.43 0.00	48.48 3.26 0.00	45.47 3.01 0.00	44.37 3.02 0.00	43.43 2.88 0.00	44.79 3.05 0.00	52.56 3.71 0.00	60.69 4.50 0.00	68.12 3.73 0.00	78.60 4.31 0.00	70.32 3.98 0.00	62.63 4.15 0.00	54.00 3.44 0.00	51.00 2.98 0.00
BETHLEHEM___GRP 23843	53.54 0.11 0.00	50.74 0.40 0.00	49.07 0.44 0.00	47.04 0.47 0.00	50.66 0.35 0.00	52.79 0.47 0.00	65.91 0.65 0.00	89.77 0.89 0.00	72.81 0.51 0.00	57.84 0.46 0.00	49.87 0.15 0.00	45.36 0.14 0.00	42.67 0.21 0.00	41.52 0.17 0.00	40.79 0.24 0.00	42.11 0.38 0.00	49.34 0.49 0.00	56.98 0.79 0.00	64.90 0.52 0.00	74.81 0.52 0.00	66.74 0.40 0.00	58.89 0.41 0.00	50.97 0.40 0.00	48.32 0.29 0.00
BETHLEHEM___GS1 323560	53.49 0.05 0.00	50.69 0.35 0.00	49.02 0.39 0.00	47.04 0.47 0.00	50.71 0.40 0.00	52.74 0.42 0.00	65.91 0.65 0.00	89.59 0.71 0.00	72.67 0.36 0.00	57.78 0.40 0.00	49.77 0.05 0.00	45.31 0.09 0.00	42.63 0.17 0.00	41.52 0.17 0.00	40.80 0.24 0.00	42.07 0.33 0.00	49.34 0.49 0.00	56.92 0.73 0.00	64.84 0.45 0.00	74.82 0.52 0.00	66.74 0.40 0.00	58.89 0.41 0.00	50.92 0.36 0.00	48.22 0.19 0.00
BETHLEHEM___GS2 323561	53.49 0.05 0.00	50.69 0.35 0.00	49.02 0.39 0.00	47.04 0.47 0.00	50.71 0.40 0.00	52.74 0.42 0.00	65.91 0.65 0.00	89.59 0.71 0.00	72.67 0.36 0.00	57.78 0.40 0.00	49.77 0.05 0.00	45.31 0.09 0.00	42.63 0.17 0.00	41.52 0.17 0.00	40.80 0.24 0.00	42.07 0.33 0.00	49.34 0.49 0.00	56.92 0.73 0.00	64.84 0.45 0.00	74.82 0.52 0.00	66.74 0.40 0.00	58.89 0.41 0.00	50.92 0.36 0.00	48.22 0.19 0.00
BETHLEHEM___GS3 323562	53.49 0.05 0.00	50.69 0.35 0.00	49.02 0.39 0.00	47.04 0.47 0.00	50.71 0.40 0.00	52.74 0.42 0.00	65.91 0.65 0.00	89.59 0.71 0.00	72.67 0.36 0.00	57.78 0.40 0.00	49.77 0.05 0.00	45.31 0.09 0.00	42.63 0.17 0.00	41.52 0.17 0.00	40.80 0.24 0.00	42.07 0.33 0.00	49.34 0.49 0.00	56.92 0.73 0.00	64.84 0.45 0.00	74.82 0.52 0.00	66.74 0.40 0.00	58.89 0.41 0.00	50.92 0.36 0.00	48.22 0.19 0.00
BETHLEHEM___STEEL 23779	50.18 -3.26 0.00	46.86 -3.47 0.00	45.42 -3.21 0.00	43.55 -3.03 0.00	46.93 -3.37 0.00	48.40 -3.92 0.00	59.52 -5.74 0.00	80.70 -8.18 0.00	65.80 -6.51 0.00	51.40 -5.97 0.01	45.70 -4.03 0.00	41.51 -3.71 0.00	39.23 -3.23 0.00	37.92 -3.43 0.00	36.98 -3.57 0.00	37.61 -4.13 0.00	44.21 -4.64 0.00	50.12 -6.07 0.01	57.76 -6.63 0.00	66.79 -7.50 0.00	59.77 -6.57 0.00	52.40 -6.08 0.00	46.06 -4.50 0.00	45.00 -3.03 0.00
BETHLHEM_115KV_TB1 79974	54.24 0.80 0.00	51.19 0.86 0.00	49.45 0.83 0.00	47.41 0.84 0.00	51.11 0.80 0.00	53.31 0.99 0.00	66.56 1.31 0.00	90.66 1.78 0.00	73.46 1.16 0.00	58.41 1.03 0.00	50.42 0.70 0.00	45.90 0.68 0.00	43.09 0.64 0.00	41.97 0.62 0.00	41.20 0.65 0.00	42.49 0.75 0.00	49.83 0.98 0.00	57.49 1.29 0.00	65.55 1.16 0.00	75.63 1.34 0.00	67.53 1.19 0.00	59.59 1.11 0.00	51.52 0.96 0.00	48.80 0.77 0.00
BETHPAGE_CC_5 323564	56.87 3.42 -0.01	53.26 2.92 -0.01	51.30 2.67 0.00	48.81 2.24 0.00	52.77 2.46 0.00	55.41 3.09 0.00	68.98 3.72 0.00	94.03 5.15 0.00	77.00 4.70 0.00	61.23 3.84 -0.01	53.32 3.58 -0.01	48.67 3.44 -0.01	45.74 3.27 -0.01	44.63 3.27 -0.01	43.76 3.20 -0.01	45.05 3.30 -0.01	56.40 3.86 -3.69	64.10 4.77 -3.13	69.11 4.64 -0.08	79.58 5.28 -0.01	71.97 4.91 -0.72	62.88 4.39 -0.01	58.28 3.79 -3.92	51.30 3.27 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	50.39 -3.05 0.00	47.01 -3.32 0.00	45.61 -3.01 0.00	43.69 -2.89 0.00	47.14 -3.17 0.00	48.66 -3.66 0.00	59.97 -5.29 0.00	81.33 -7.55 0.00	66.23 -6.07 0.00	51.80 -5.57 0.01	46.00 -3.73 0.00	41.78 -3.44 0.00	39.44 -3.01 0.00	38.13 -3.23 0.00	37.19 -3.37 0.00	37.82 -3.92 0.00	44.45 -4.40 0.00	50.46 -5.73 0.01	58.14 -6.25 0.00	67.31 -6.98 0.00	60.17 -6.17 0.00	52.81 -5.67 0.00	46.37 -4.20 0.00	45.29 -2.74 0.00
BINGHAMTON___COGEN 23790	53.28 -0.16 0.00	49.98 -0.35 0.00	48.29 -0.34 0.00	46.25 -0.33 0.00	50.05 -0.25 0.00	52.01 -0.31 0.00	64.93 -0.33 0.00	88.17 -0.71 0.00	71.73 -0.58 0.00	56.81 -0.57 0.00	49.43 -0.30 0.00	44.95 -0.27 0.00	42.24 -0.21 0.00	41.06 -0.29 0.00	40.19 -0.36 0.00	41.36 -0.38 0.00	48.56 -0.29 0.00	55.80 -0.39 0.00	63.87 -0.52 0.00	73.77 -0.52 0.00	65.81 -0.53 0.00	57.96 -0.53 0.00	50.26 -0.30 0.00	47.98 -0.05 0.00

BIXINCNT_115KV_LOAD 355685	50.07 -3.37 0.00	46.71 -3.62 0.00	45.27 -3.36 0.00	43.41 -3.17 0.00	46.83 -3.47 0.00	48.61 -3.71 0.00	60.17 -5.09 0.00	81.77 -7.11 0.00	66.45 -5.86 0.00	52.15 -5.22 0.01	46.19 -3.53 0.00	41.96 -3.26 0.00	39.53 -2.93 0.00	38.05 -3.31 0.00	37.10 -3.45 0.00	37.86 -3.88 0.00	44.55 -4.30 0.00	50.68 -5.51 0.01	58.47 -5.92 0.00	67.75 -6.54 0.00	60.64 -5.71 0.00	53.22 -5.26 0.00	46.67 -3.89 0.00	45.58 -2.45 0.00
BLACK RIVER___HYD 24047	53.22 -0.21 0.00	50.08 -0.25 0.00	48.34 -0.29 0.00	46.58 0.00 0.00	50.15 -0.15 0.00	52.32 0.00 0.00	66.17 0.91 0.00	89.86 0.98 0.00	73.39 1.09 0.00	57.44 0.06 0.00	49.23 -0.50 0.00	44.54 -0.68 0.00	41.52 -0.93 0.00	40.48 -0.87 0.00	39.78 -0.77 0.00	41.40 -0.34 0.00	48.75 -0.10 0.00	56.70 0.50 0.00	65.48 1.09 0.00	76.07 1.78 0.00	67.60 1.26 0.00	59.48 0.99 0.00	51.37 0.81 0.00	48.51 0.48 0.00
BLACKRVR_115KV_TB2 79977	53.22 -0.21 0.00	50.03 -0.30 0.00	48.34 -0.29 0.00	46.58 0.00 0.00	50.15 -0.15 0.00	52.32 0.00 0.00	66.17 0.91 0.00	89.77 0.89 0.00	73.39 1.08 0.00	57.44 0.06 0.00	49.23 -0.50 0.00	44.54 -0.68 0.00	41.52 -0.93 0.00	40.53 -0.83 0.00	39.86 -0.69 0.00	41.41 -0.33 0.00	48.80 -0.05 0.00	56.70 0.51 0.00	65.48 1.09 0.00	76.07 1.78 0.00	67.60 1.26 0.00	59.42 0.94 0.00	51.37 0.81 0.00	48.51 0.48 0.00
BLDWN_LI_69_KV_BK4 356085	56.87 3.42 -0.01	53.37 3.02 -0.01	51.45 2.82 0.00	49.00 2.42 0.00	52.97 2.67 0.00	55.35 3.03 0.00	69.04 3.79 0.00	94.04 5.16 0.00	76.50 4.19 0.00	61.46 4.07 -0.01	53.32 3.58 -0.01	48.58 3.35 -0.01	45.65 3.18 -0.01	44.55 3.18 -0.01	43.68 3.12 -0.01	45.01 3.26 -0.01	56.49 3.66 -3.98	64.18 4.61 -3.37	68.98 4.51 -0.09	79.50 5.20 -0.01	71.82 4.71 -0.77	62.94 4.44 -0.01	58.54 3.74 -4.23	51.30 3.27 -0.01
BLISS_WT_PWR 323608	50.07 -3.36 0.00	46.71 -3.62 0.00	45.37 -3.26 0.00	43.41 -3.17 0.00	46.83 -3.47 0.00	48.61 -3.71 0.00	60.17 -5.09 0.00	81.95 -6.93 0.00	66.74 -5.57 0.00	52.26 -5.11 0.01	46.54 -3.18 0.00	42.10 -3.12 0.00	39.48 -2.97 0.00	38.01 -3.35 0.00	37.10 -3.45 0.00	37.86 -3.88 0.00	44.60 -4.25 0.00	50.57 -5.62 0.01	58.53 -5.86 0.00	67.75 -6.54 0.00	60.77 -5.57 0.00	53.34 -5.15 0.00	46.72 -3.84 0.00	45.63 -2.40 0.00
BLUESTONE___WT_PWR 323821	54.99 1.55 0.00	51.59 1.26 0.00	49.84 1.22 0.00	47.78 1.21 0.00	51.61 1.31 0.00	53.84 1.52 0.00	67.54 2.28 0.00	92.17 3.29 0.00	74.90 2.60 0.00	59.22 1.84 0.00	51.27 1.54 0.00	46.53 1.31 0.00	43.60 1.15 0.00	42.43 1.07 0.00	41.60 1.05 0.00	42.91 1.17 0.00	50.66 1.81 0.00	58.78 2.59 0.00	67.22 2.83 0.00	77.56 3.27 0.00	69.19 2.85 0.00	60.65 2.17 0.00	52.53 1.97 0.00	49.90 1.87 0.00
BLUE_CIRC_CHEM_DRP 24182	54.56 1.12 0.00	51.54 1.21 0.00	49.84 1.22 0.00	47.79 1.21 0.00	51.51 1.21 0.00	53.68 1.36 0.00	66.96 1.70 0.00	91.19 2.31 0.00	73.75 1.45 0.00	58.47 1.09 0.00	50.42 0.70 0.00	45.81 0.59 0.00	43.05 0.59 0.00	41.89 0.54 0.00	41.16 0.61 0.00	42.45 0.71 0.00	49.87 1.03 0.00	57.66 1.46 0.00	65.81 1.42 0.00	76.00 1.71 0.00	67.80 1.46 0.00	59.83 1.35 0.00	51.78 1.21 0.00	49.08 1.06 0.00
BOC_GAS_DRP 24189	54.08 0.64 0.00	51.04 0.70 0.00	49.31 0.68 0.00	47.27 0.70 0.00	50.96 0.65 0.00	53.11 0.78 0.00	66.30 1.04 0.00	90.30 1.42 0.00	73.24 0.94 0.00	58.24 0.86 0.00	50.32 0.60 0.00	45.76 0.54 0.00	43.01 0.55 0.00	41.89 0.54 0.00	41.12 0.57 0.00	42.37 0.63 0.00	49.68 0.83 0.00	57.32 1.12 0.00	65.36 0.97 0.00	75.33 1.04 0.00	67.34 1.00 0.00	59.42 0.94 0.00	51.37 0.81 0.00	48.65 0.62 0.00
BOONVILLE_115KV_TB1 79983	53.60 0.16 0.00	50.39 0.05 0.00	48.68 0.05 0.00	46.81 0.23 0.00	50.51 0.20 0.00	52.69 0.37 0.00	66.11 0.85 0.00	89.68 0.80 0.00	72.74 0.43 0.00	57.38 0.00 0.00	49.48 -0.25 0.00	44.99 -0.23 0.00	42.20 -0.25 0.00	41.15 -0.21 0.00	40.43 -0.12 0.00	41.78 0.04 0.00	49.24 0.39 0.00	56.93 0.73 0.00	65.29 0.90 0.00	75.55 1.26 0.00	67.34 1.00 0.00	59.30 0.82 0.00	51.22 0.66 0.00	48.51 0.48 0.00
BORALEX_4TH_BRANCH 23824	54.51 1.07 0.00	51.90 1.56 0.00	50.28 1.65 0.00	48.35 1.77 0.00	52.12 1.81 0.00	54.52 2.20 0.00	68.20 2.94 0.00	91.81 2.93 0.00	74.26 1.95 0.00	59.04 1.66 0.00	50.47 0.75 0.00	45.90 0.68 0.00	43.05 0.59 0.00	42.02 0.66 0.00	41.28 0.73 0.00	42.66 0.92 0.00	50.07 1.22 0.00	57.99 1.80 0.00	66.32 1.93 0.00	76.59 2.30 0.00	68.20 1.86 0.00	60.18 1.70 0.00	51.98 1.42 0.00	49.13 1.10 0.00
BOWLINE___1 23526	55.15 1.71 0.00	51.74 1.41 0.00	49.94 1.31 0.00	47.69 1.12 0.00	51.46 1.16 0.00	53.78 1.46 0.00	67.28 2.03 0.00	92.44 3.56 0.00	74.90 2.60 0.00	59.73 2.35 0.00	51.72 1.99 0.00	47.16 1.94 0.00	44.37 1.91 0.00	43.30 1.94 0.00	42.46 1.91 0.00	43.70 1.96 0.00	51.19 2.34 0.00	59.12 2.92 0.00	67.03 2.64 0.00	77.34 3.05 0.00	69.19 2.85 0.00	60.99 2.51 0.00	52.73 2.17 0.00	49.75 1.73 0.00
BOWLINE___2 23595	55.10 1.66 0.00	51.69 1.36 0.00	49.84 1.22 0.00	47.60 1.02 0.00	51.41 1.11 0.00	53.73 1.41 0.00	67.15 1.89 0.00	92.26 3.38 0.00	74.76 2.46 0.00	59.61 2.24 0.00	51.66 1.94 0.00	47.12 1.90 0.00	44.32 1.87 0.00	43.26 1.90 0.00	42.42 1.87 0.00	43.66 1.92 0.00	51.10 2.25 0.00	59.06 2.86 0.00	66.97 2.58 0.00	77.27 2.97 0.00	69.06 2.72 0.00	60.88 2.40 0.00	52.64 2.07 0.00	49.66 1.63 0.00
BRADY___115KV_TB2 356060	54.02 0.59 0.00	50.94 0.60 0.00	49.11 0.49 0.00	46.95 0.37 0.00	50.66 0.35 0.00	52.37 0.05 0.00	65.46 0.20 0.00	88.44 -0.44 0.00	72.23 -0.07 0.00	56.75 -0.63 0.00	49.33 -0.40 0.00	44.81 -0.41 0.00	41.86 -0.59 0.00	40.90 -0.45 0.00	40.11 -0.45 0.00	41.41 -0.33 0.00	48.51 -0.34 0.00	55.63 -0.56 0.00	64.39 0.00 0.00	74.44 0.15 0.00	66.47 0.13 0.00	58.77 0.29 0.00	50.92 0.35 0.00	48.32 0.29 0.00
BRANSCOMB___SOLAR 323811	54.67 1.23 0.00	51.69 1.36 0.00	49.99 1.36 0.00	47.97 1.40 0.00	51.76 1.46 0.00	54.04 1.72 0.00	67.54 2.28 0.00	91.90 3.02 0.00	74.18 1.88 0.00	58.70 1.32 0.00	50.37 0.64 0.00	45.76 0.54 0.00	42.97 0.51 0.00	41.81 0.46 0.00	41.08 0.53 0.00	42.45 0.71 0.00	49.97 1.12 0.00	57.83 1.63 0.00	66.26 1.87 0.00	76.60 2.31 0.00	68.20 1.85 0.00	60.18 1.70 0.00	51.93 1.37 0.00	49.08 1.06 0.00
BRDGHMPT_69_KV_BK1 55812	58.79 5.34 -0.01	55.08 4.73 -0.01	53.10 4.47 0.00	50.49 3.91 0.00	54.63 4.33 0.00	57.24 4.92 0.00	71.59 6.33 0.00	96.61 7.73 0.00	78.59 6.29 0.00	63.30 5.91 -0.01	55.75 6.02 -0.01	50.66 5.43 -0.01	47.47 5.01 -0.01	46.24 4.88 -0.01	45.26 4.70 -0.01	46.76 5.01 -0.01	58.46 6.30 -3.31	66.92 7.92 -2.81	72.57 8.11 -0.07	83.07 8.77 -0.01	75.47 8.49 -0.64	66.33 7.84 -0.01	60.71 6.62 -3.52	53.90 5.86 -0.01

BRENTWOD_69_KV_W. BRTWOOD 56703	57.56 -4.11 -0.01	53.97 3.62 -0.01	52.03 3.40 0.00	49.51 2.93 0.00	53.52 3.22 0.00	55.98 3.66 0.00	69.76 4.50 0.00	95.01 6.13 0.00	77.15 4.84 0.00	61.98 4.59 -0.01	54.11 4.38 -0.01	49.30 4.07 -0.01	46.24 3.78 -0.01	45.08 3.72 -0.01	44.21 3.65 -0.01	45.59 3.84 -0.01	56.83 4.64 -3.34	64.71 5.68 -2.84	70.13 5.67 -0.07	80.69 6.39 -0.01	73.03 6.04 -0.65	63.87 5.38 -0.01	58.77 4.65 -3.56	52.12 4.08 -0.01
BRISTLHL_115KV_TB1 79998	52.37 -1.07 0.00	49.28 -1.06 0.00	47.61 -1.02 0.00	45.60 -0.98 0.00	49.35 -0.96 0.00	51.27 -1.05 0.00	64.02 -1.24 0.00	87.37 -1.51 0.00	71.07 -1.23 0.00	56.40 -0.98 0.00	48.93 -0.80 0.00	44.45 -0.77 0.00	41.78 -0.68 0.00	40.65 -0.70 0.00	39.78 -0.77 0.00	40.95 -0.79 0.00	47.97 -0.88 0.00	55.13 -1.07 0.00	63.17 -1.22 0.00	72.95 -1.34 0.00	65.08 -1.26 0.00	57.31 -1.17 0.00	49.60 -0.96 0.00	47.16 -0.86 0.00
BROOKHAVEN__DRP 24191	57.35 3.90 -0.01	53.72 3.37 -0.01	51.79 3.16 0.00	49.28 2.70 0.00	53.27 2.97 0.00	55.77 3.45 0.00	69.70 4.44 0.00	94.04 5.16 0.00	76.57 4.27 0.00	61.69 4.30 -0.01	54.31 4.57 -0.01	49.39 4.16 -0.01	46.33 3.86 -0.01	45.17 3.80 -0.01	44.25 3.69 -0.01	45.67 3.92 -0.01	57.04 4.88 -3.31	65.13 6.13 -2.80	70.51 6.05 -0.07	80.76 6.46 -0.01	73.35 6.37 -0.64	64.46 5.97 -0.01	59.14 5.06 -3.52	52.45 4.42 -0.01
BROOKLYN_NAVY_YARD 23515	55.79 2.35 0.00	52.25 1.91 0.00	50.38 1.75 0.00	48.07 1.49 0.00	51.91 1.61 0.00	54.31 1.99 0.00	67.87 2.61 0.00	93.50 4.62 0.00	75.77 3.47 0.00	60.53 3.15 0.00	52.56 2.83 0.00	47.93 2.71 0.00	45.00 2.55 0.00	43.88 2.52 0.00	43.03 2.47 0.00	44.33 2.59 0.00	51.98 3.13 0.00	60.02 3.82 0.00	67.86 3.47 0.00	78.37 4.08 0.00	70.05 3.71 0.00	61.76 3.27 0.00	53.39 2.83 0.00	50.33 2.31 0.00
BROOKLYN__ARMY_DRP 323595	56.32 2.89 0.00	52.75 2.42 0.00	50.86 2.24 0.00	48.48 1.91 0.00	52.32 2.01 0.00	54.41 2.09 0.00	67.54 2.28 0.00	93.24 4.36 0.00	75.49 3.18 0.00	60.76 3.39 0.00	52.96 3.23 0.00	48.29 3.07 0.00	45.34 2.89 0.00	44.21 2.85 0.00	43.31 2.76 0.00	44.62 2.88 0.00	52.37 3.52 0.00	60.47 4.27 0.00	67.80 3.41 0.00	78.30 4.01 0.00	69.99 3.65 0.00	62.40 3.92 0.00	53.80 3.24 0.00	50.81 2.79 0.00
BROOME_2_LFGE 323671	53.28 -0.16 0.00	50.03 -0.30 0.00	48.34 -0.29 0.00	46.30 -0.28 0.00	50.10 -0.20 0.00	52.06 -0.26 0.00	64.93 -0.32 0.00	88.26 -0.62 0.00	71.80 -0.50 0.00	56.81 -0.57 0.00	49.53 -0.20 0.00	44.95 -0.27 0.00	42.24 -0.21 0.00	41.07 -0.29 0.00	40.19 -0.37 0.00	41.40 -0.34 0.00	48.61 -0.24 0.00	55.80 -0.39 0.00	63.94 -0.45 0.00	73.78 -0.52 0.00	65.88 -0.46 0.00	58.01 -0.47 0.00	50.31 -0.25 0.00	47.98 -0.05 0.00
BROOME__LFGE 323600	53.28 -0.16 0.00	50.03 -0.30 0.00	48.34 -0.29 0.00	46.30 -0.28 0.00	50.10 -0.20 0.00	52.06 -0.26 0.00	64.93 -0.32 0.00	88.26 -0.62 0.00	71.80 -0.50 0.00	56.81 -0.57 0.00	49.53 -0.20 0.00	44.95 -0.27 0.00	42.24 -0.21 0.00	41.07 -0.29 0.00	40.19 -0.37 0.00	41.40 -0.34 0.00	48.61 -0.24 0.00	55.80 -0.39 0.00	63.94 -0.45 0.00	73.78 -0.52 0.00	65.88 -0.46 0.00	58.01 -0.47 0.00	50.31 -0.25 0.00	47.98 -0.05 0.00
BROWNFLS_115KV_TB_3_5 80003	52.37 -1.07 0.00	49.33 -1.01 0.00	47.56 -1.07 0.00	45.64 -0.93 0.00	49.05 -1.26 0.00	50.80 -1.52 0.00	63.69 -1.57 0.00	86.04 -2.84 0.00	69.92 -2.39 0.00	54.91 -2.47 0.00	47.39 -2.34 0.00	43.09 -2.13 0.00	40.38 -2.08 0.00	39.45 -1.90 0.00	38.77 -1.78 0.00	40.19 -1.54 0.00	47.43 -1.42 0.00	54.73 -1.46 0.00	63.10 -1.29 0.00	73.10 -1.19 0.00	65.08 -1.26 0.00	57.72 -0.76 0.00	49.96 -0.61 0.00	47.26 -0.77 0.00
BROWNSV1_27_KV_LOAD 356125	56.32 2.89 0.00	52.75 2.42 0.00	50.86 2.24 0.00	48.53 1.96 0.00	52.37 2.06 0.00	54.73 2.41 0.00	68.46 3.20 0.00	94.30 5.42 0.00	76.35 4.05 0.00	61.11 3.73 0.00	53.06 3.33 0.00	48.29 3.07 0.00	45.34 2.89 0.00	44.21 2.85 0.00	43.31 2.76 0.00	44.66 2.92 0.00	52.37 3.52 0.00	60.47 4.27 0.00	68.45 4.06 0.00	78.97 4.68 0.00	70.59 4.25 0.00	62.28 3.80 0.00	53.85 3.29 0.00	50.81 2.79 0.00
BURROWS__LYONSDAL 23803	53.22 -0.21 0.00	50.03 -0.30 0.00	48.34 -0.29 0.00	46.48 -0.09 0.00	50.15 -0.15 0.00	52.32 0.00 0.00	65.72 0.46 0.00	89.15 0.27 0.00	72.16 -0.14 0.00	56.92 -0.46 0.00	49.08 -0.59 0.00	44.63 -0.59 0.00	41.82 -0.64 0.00	40.82 -0.54 0.00	40.15 -0.41 0.00	41.57 -0.17 0.00	49.00 0.15 0.00	56.65 0.45 0.00	65.10 0.71 0.00	75.33 1.04 0.00	67.14 0.80 0.00	59.13 0.64 0.00	51.07 0.51 0.00	48.32 0.29 0.00
CAITHNESS_CC_1 323624	57.24 3.79 -0.01	53.57 3.22 -0.01	51.55 2.92 0.00	49.04 2.47 0.00	53.02 2.71 0.00	55.72 3.40 0.00	69.50 4.24 0.00	93.94 5.06 0.00	77.51 5.21 0.00	61.40 4.02 -0.01	54.11 4.38 -0.01	49.25 4.02 -0.01	46.20 3.74 -0.01	45.04 3.68 -0.01	44.17 3.61 -0.01	45.55 3.80 -0.01	56.89 4.74 -3.31	64.90 5.90 -2.80	70.26 5.80 -0.07	80.54 6.24 -0.01	73.02 6.04 -0.64	64.16 5.67 -0.01	58.98 4.90 -3.52	52.21 4.18 -0.01
CALPINE BETH_PAGE_GT4 24209	56.71 3.26 -0.01	53.37 3.02 -0.01	51.50 2.87 0.00	49.04 2.47 0.00	52.97 2.67 0.00	55.20 2.88 0.00	68.85 3.59 0.00	93.95 5.07 0.00	76.28 3.98 0.00	61.29 3.90 -0.01	53.27 3.53 -0.01	48.67 3.44 -0.01	45.74 3.27 -0.01	44.59 3.23 -0.01	43.72 3.16 -0.01	45.05 3.30 -0.01	56.42 3.71 -3.86	64.08 4.61 -3.28	68.92 4.44 -0.08	79.43 5.13 -0.01	71.87 4.78 -0.75	62.76 4.27 -0.01	58.31 3.64 -4.11	51.21 3.17 -0.01
CALPINE_BETH_PAGE_GT_4 323586	56.71 3.26 -0.01	53.11 2.77 -0.01	51.15 2.53 0.00	48.67 2.10 0.00	52.62 2.32 0.00	55.25 2.93 0.00	68.78 3.52 0.00	93.86 4.97 0.00	76.79 4.48 0.00	61.06 3.68 -0.01	53.16 3.43 -0.01	48.62 3.39 -0.01	45.69 3.23 -0.01	44.59 3.23 -0.01	43.73 3.17 -0.01	45.01 3.26 -0.01	56.42 3.71 -3.86	64.02 4.55 -3.28	68.91 4.44 -0.08	79.36 5.05 -0.01	71.80 4.71 -0.75	62.71 4.21 -0.01	58.32 3.64 -4.11	51.11 3.08 -0.01
CALPINE_BP_GT1 23823	56.71 3.26 -0.01	53.11 2.77 -0.01	51.15 2.53 0.00	48.67 2.10 0.00	52.62 2.32 0.00	55.25 2.93 0.00	68.78 3.52 0.00	93.86 4.97 0.00	76.79 4.48 0.00	61.06 3.68 -0.01	53.16 3.43 -0.01	48.62 3.39 -0.01	45.69 3.23 -0.01	44.59 3.23 -0.01	43.73 3.17 -0.01	45.01 3.26 -0.01	56.42 3.71 -3.86	64.02 4.55 -3.28	68.91 4.44 -0.08	79.36 5.05 -0.01	71.80 4.71 -0.75	62.71 4.21 -0.01	58.32 3.64 -4.11	51.11 3.08 -0.01
CALSPAN__DRP 24200	50.18 -3.26 0.00	46.86 -3.47 0.00	45.42 -3.21 0.00	43.55 -3.03 0.00	46.93 -3.37 0.00	48.40 -3.92 0.00	59.52 -5.74 0.00	80.70 -8.18 0.00	65.80 -6.51 0.00	51.40 -5.97 0.01	45.70 -4.03 0.00	41.51 -3.71 0.00	39.23 -3.23 0.00	37.92 -3.43 0.00	36.98 -3.57 0.00	37.61 -4.13 0.00	44.21 -4.64 0.00	50.12 -6.07 0.01	57.76 -6.63 0.00	66.79 -7.50 0.00	59.77 -6.57 0.00	52.40 -6.08 0.00	46.06 -4.50 0.00	45.00 -3.03 0.00

CALVERTON___SOLAR 323806	57.46 4.01 -0.01	53.77 3.42 -0.01	51.74 3.11 0.00	49.18 2.61 0.00	53.22 2.92 0.00	55.93 3.61 0.00	69.83 4.57 0.00	94.21 5.33 0.00	77.80 5.49 0.00	61.63 4.25 -0.01	54.41 4.67 -0.01	49.48 4.25 -0.01	46.45 3.99 -0.01	45.25 3.89 -0.01	44.37 3.81 -0.01	45.76 4.01 -0.01	57.19 5.03 -3.31	65.35 6.35 -2.81	70.70 6.24 -0.07	80.99 6.69 -0.01	73.49 6.51 -0.64	64.63 6.14 -0.01	59.34 5.26 -3.52	52.60 4.57 -0.01
CANDIGU_WT_PWR 323617	51.52 -1.92 0.00	48.12 -2.21 0.00	46.68 -1.95 0.00	44.66 -1.91 0.00	48.29 -2.01 0.00	50.12 -2.20 0.00	62.19 -3.07 0.00	84.71 -4.18 0.00	68.76 -3.54 0.00	53.86 -3.50 0.02	47.44 -2.29 0.00	43.01 -2.21 0.00	40.38 -2.08 0.00	39.16 -2.19 0.00	38.24 -2.31 0.00	39.07 -2.67 0.00	45.97 -2.88 0.00	52.54 -3.65 0.00	60.72 -3.67 0.00	70.13 -4.16 0.00	62.76 -3.58 0.00	55.15 -3.33 0.00	48.14 -2.43 0.00	46.44 -1.58 0.00
CARR STREET_E_SYP 24060	52.80 -0.64 0.00	49.63 -0.70 0.00	47.95 -0.68 0.00	45.92 -0.65 0.00	49.75 -0.55 0.00	51.64 -0.68 0.00	64.48 -0.78 0.00	87.99 -0.89 0.00	71.65 -0.65 0.00	56.86 -0.52 0.00	49.53 -0.20 0.00	45.04 -0.18 0.00	42.29 -0.17 0.00	41.15 -0.21 0.00	40.27 -0.28 0.00	41.40 -0.34 0.00	48.51 -0.34 0.00	55.52 -0.67 0.00	63.62 -0.77 0.00	73.40 -0.89 0.00	65.48 -0.86 0.00	57.66 -0.82 0.00	49.96 -0.60 0.00	47.50 -0.53 0.00
CARTHAGE___PAPER 23857	52.80 -0.64 0.00	49.68 -0.66 0.00	47.95 -0.68 0.00	46.16 -0.42 0.00	49.75 -0.55 0.00	51.90 -0.42 0.00	65.46 0.20 0.00	88.79 -0.09 0.00	73.39 1.09 0.00	57.44 0.06 0.00	49.23 -0.50 0.00	44.54 -0.68 0.00	41.52 -0.93 0.00	40.48 -0.87 0.00	39.78 -0.77 0.00	41.40 -0.34 0.00	48.41 -0.44 0.00	56.25 0.06 0.00	64.90 0.51 0.00	75.41 1.12 0.00	67.00 0.66 0.00	59.01 0.53 0.00	51.02 0.45 0.00	48.12 0.10 0.00
CASSADAGA_WT_PWR 323784	50.71 -2.72 0.00	47.37 -2.97 0.00	46.05 -2.58 0.00	44.01 -2.56 0.00	47.49 -2.82 0.00	49.23 -3.09 0.00	61.02 -4.24 0.00	83.11 -5.78 0.00	67.67 -4.63 0.00	52.89 -4.48 0.01	47.14 -2.59 0.00	42.73 -2.49 0.00	40.20 -2.25 0.00	38.91 -2.44 0.00	37.96 -2.60 0.00	38.69 -3.05 0.00	45.48 -3.37 0.00	51.52 -4.66 0.01	59.75 -4.64 0.00	69.02 -5.27 0.00	61.90 -4.44 0.00	54.27 -4.21 0.00	47.53 -3.03 0.00	46.25 -1.78 0.00
CE_DUNWOOD___DRP 24194	55.63 2.19 0.00	52.20 1.86 0.00	50.38 1.75 0.00	48.11 1.54 0.00	51.91 1.61 0.00	54.20 1.88 0.00	67.80 2.55 0.00	93.24 4.36 0.00	75.41 3.11 0.00	60.36 2.98 0.00	52.31 2.59 0.00	47.66 2.44 0.00	44.75 2.29 0.00	43.63 2.27 0.00	42.78 2.23 0.00	44.12 2.38 0.00	51.68 2.83 0.00	59.74 3.54 0.00	67.61 3.22 0.00	78.08 3.79 0.00	69.79 3.45 0.00	61.52 3.04 0.00	53.19 2.63 0.00	50.19 2.16 0.00
CE_MILLWOOD___DRP 24193	55.52 2.08 0.00	52.10 1.76 0.00	50.28 1.65 0.00	48.02 1.44 0.00	51.81 1.51 0.00	54.10 1.78 0.00	67.67 2.41 0.00	92.97 4.09 0.00	75.27 2.96 0.00	60.19 2.81 0.00	52.16 2.44 0.00	47.53 2.31 0.00	44.62 2.17 0.00	43.50 2.15 0.00	42.66 2.11 0.00	43.99 2.25 0.00	51.54 2.69 0.00	59.57 3.37 0.00	67.48 3.09 0.00	77.86 3.57 0.00	69.59 3.25 0.00	61.41 2.92 0.00	53.04 2.48 0.00	50.09 2.07 0.00
CE_NYC2_DRP 24202	56.22 2.78 0.00	52.65 2.32 0.00	50.77 2.14 0.00	48.44 1.86 0.00	52.27 1.96 0.00	54.47 2.15 0.00	67.80 2.55 0.00	93.50 4.62 0.00	75.70 3.40 0.00	60.76 3.39 0.00	52.86 3.13 0.00	48.20 2.98 0.00	45.26 2.80 0.00	44.12 2.77 0.00	43.23 2.68 0.00	44.58 2.84 0.00	52.27 3.42 0.00	60.30 4.10 0.00	67.93 3.54 0.00	78.38 4.09 0.00	70.06 3.72 0.00	62.05 3.57 0.00	53.65 3.08 0.00	50.72 2.69 0.00
CE_NYC_DRP 24195	55.95 2.51 0.00	52.40 2.06 0.00	50.57 1.95 0.00	48.25 1.68 0.00	52.07 1.76 0.00	54.41 2.09 0.00	68.00 2.74 0.00	93.68 4.80 0.00	75.85 3.54 0.00	60.76 3.39 0.00	52.71 2.98 0.00	48.02 2.80 0.00	45.09 2.63 0.00	43.96 2.61 0.00	43.07 2.51 0.00	44.41 2.67 0.00	52.07 3.22 0.00	60.13 3.93 0.00	67.93 3.54 0.00	78.38 4.09 0.00	70.12 3.78 0.00	61.87 3.39 0.00	53.49 2.93 0.00	50.48 2.45 0.00
CHAFFEE___LFGE 323603	50.66 -2.78 0.00	47.32 -3.02 0.00	46.05 -2.58 0.00	44.01 -2.56 0.00	47.44 -2.87 0.00	48.97 -3.35 0.00	60.30 -4.96 0.00	81.95 -6.93 0.00	66.81 -5.50 0.00	52.09 -5.28 0.01	46.49 -3.23 0.00	42.05 -3.17 0.00	39.57 -2.89 0.00	38.29 -3.06 0.00	37.35 -3.20 0.00	38.07 -3.67 0.00	44.70 -4.15 0.00	50.57 -5.62 0.01	58.47 -5.92 0.00	67.53 -6.76 0.00	60.57 -5.77 0.00	53.04 -5.44 0.00	46.52 -4.05 0.00	45.34 -2.69 0.00
CHATEAUG_35_KV_LOAD 355732	53.92 0.48 0.00	50.79 0.45 0.00	48.87 0.24 0.00	46.62 0.05 0.00	50.30 0.00 0.00	52.06 -0.26 0.00	64.93 -0.33 0.00	88.17 -0.71 0.00	72.23 -0.07 0.00	57.03 -0.34 0.00	49.63 -0.10 0.00	45.08 -0.14 0.00	42.20 -0.25 0.00	41.15 -0.21 0.00	40.31 -0.24 0.00	41.53 -0.21 0.00	48.51 -0.34 0.00	55.63 -0.56 0.00	64.26 -0.13 0.00	74.22 -0.07 0.00	66.27 -0.07 0.00	58.42 -0.06 0.00	50.56 0.00 0.00	47.93 -0.10 0.00
CHATEAUG_WT_PWR 323614	53.86 0.43 0.00	50.74 0.40 0.00	48.82 0.20 0.00	46.58 0.00 0.00	50.25 -0.05 0.00	52.01 -0.31 0.00	64.87 -0.39 0.00	88.17 -0.71 0.00	72.23 -0.07 0.00	57.15 -0.23 0.00	49.68 -0.05 0.00	45.13 -0.09 0.00	42.24 -0.21 0.00	41.23 -0.12 0.00	40.39 -0.16 0.00	41.57 -0.17 0.00	48.51 -0.34 0.00	55.74 -0.45 0.00	64.20 -0.19 0.00	74.14 -0.15 0.00	66.21 -0.13 0.00	58.37 -0.12 0.00	50.51 -0.05 0.00	47.98 -0.05 0.00
CHAT_HIGH_FALL_HYD 323578	53.92 0.48 0.00	50.79 0.45 0.00	48.87 0.24 0.00	46.62 0.05 0.00	50.30 0.00 0.00	52.06 -0.26 0.00	64.93 -0.33 0.00	88.17 -0.71 0.00	72.23 -0.07 0.00	57.03 -0.34 0.00	49.63 -0.10 0.00	45.08 -0.14 0.00	42.20 -0.25 0.00	41.15 -0.21 0.00	40.31 -0.24 0.00	41.53 -0.21 0.00	48.51 -0.34 0.00	55.63 -0.56 0.00	64.26 -0.13 0.00	74.22 -0.07 0.00	66.27 -0.07 0.00	58.42 -0.06 0.00	50.56 0.00 0.00	47.93 -0.10 0.00
CHAUTAUQUA___LFGE 323629	50.45 -2.99 0.00	47.06 -3.27 0.00	45.81 -2.82 0.00	43.78 -2.79 0.00	47.19 -3.12 0.00	48.82 -3.50 0.00	60.36 -4.90 0.00	82.12 -6.76 0.00	66.88 -5.42 0.00	52.21 -5.16 0.01	46.59 -3.13 0.00	42.19 -3.03 0.00	39.70 -2.76 0.00	38.46 -2.90 0.00	37.51 -3.04 0.00	38.23 -3.51 0.00	44.94 -3.91 0.00	50.90 -5.28 0.01	58.92 -5.47 0.00	68.13 -6.17 0.00	61.10 -5.24 0.00	53.57 -4.91 0.00	46.97 -3.59 0.00	45.72 -2.30 0.00
CHERRYST_13_KV_LD 356241	56.06 2.62 0.00	52.55 2.21 0.00	50.72 2.09 0.00	48.39 1.82 0.00	52.22 1.91 0.00	54.52 2.20 0.00	68.20 2.94 0.00	93.95 5.07 0.00	76.06 3.76 0.00	60.94 3.56 0.00	52.86 3.13 0.00	48.16 2.94 0.00	45.22 2.76 0.00	44.08 2.73 0.00	43.19 2.64 0.00	44.54 2.80 0.00	52.22 3.37 0.00	60.30 4.10 0.00	68.19 3.80 0.00	78.60 4.31 0.00	70.32 3.98 0.00	62.05 3.57 0.00	53.60 3.03 0.00	50.57 2.55 0.00

CHESTROR_138KV_BK263 355645	55.09 1.66 0.00	51.74 1.41 0.00	49.94 1.31 0.00	47.69 1.12 0.00	51.46 1.16 0.00	53.73 1.41 0.00	67.22 1.96 0.00	92.35 3.47 0.00	74.69 2.39 0.00	59.62 2.24 0.00	51.61 1.89 0.00	46.98 1.76 0.00	44.15 1.70 0.00	43.09 1.74 0.00	42.25 1.70 0.00	43.53 1.79 0.00	51.00 2.15 0.00	58.95 2.75 0.00	66.90 2.51 0.00	77.26 2.97 0.00	69.06 2.72 0.00	60.88 2.40 0.00	52.64 2.07 0.00	49.71 1.68 0.00
CH_MIDHUDSON__DRP 24192	55.47 2.03 0.00	52.15 1.81 0.00	50.33 1.70 0.00	48.11 1.54 0.00	51.91 1.61 0.00	54.26 1.94 0.00	67.80 2.55 0.00	93.06 4.18 0.00	75.27 2.96 0.00	60.08 2.70 0.00	51.91 2.19 0.00	47.25 2.03 0.00	44.37 1.91 0.00	43.26 1.90 0.00	42.42 1.87 0.00	43.74 2.00 0.00	51.29 2.44 0.00	59.34 3.15 0.00	67.35 2.96 0.00	77.71 3.42 0.00	69.53 3.18 0.00	61.29 2.81 0.00	52.94 2.38 0.00	50.00 1.97 0.00
CH_MISC_IPPS 23765	55.73 2.30 0.00	52.35 2.02 0.00	50.52 1.89 0.00	48.25 1.67 0.00	52.11 1.81 0.00	54.52 2.20 0.00	68.06 2.80 0.00	93.59 4.71 0.00	75.77 3.47 0.00	60.30 2.92 0.00	52.06 2.34 0.00	47.39 2.17 0.00	44.58 2.12 0.00	43.46 2.11 0.00	42.62 2.07 0.00	43.91 2.17 0.00	51.48 2.64 0.00	59.62 3.43 0.00	67.67 3.28 0.00	78.15 3.86 0.00	69.92 3.58 0.00	61.58 3.10 0.00	53.24 2.68 0.00	50.24 2.21 0.00
CH_RES_BVR_FALLS 23983	53.38 -0.05 0.00	50.34 0.00 0.00	48.58 -0.05 0.00	46.48 -0.09 0.00	50.20 -0.10 0.00	52.16 -0.16 0.00	65.06 -0.20 0.00	88.53 -0.35 0.00	72.09 -0.22 0.00	57.15 -0.23 0.00	49.58 -0.15 0.00	45.08 -0.14 0.00	42.33 -0.13 0.00	41.23 -0.12 0.00	40.43 -0.12 0.00	41.61 -0.12 0.00	48.70 -0.15 0.00	55.97 -0.22 0.00	64.20 -0.19 0.00	74.07 -0.22 0.00	66.14 -0.20 0.00	58.31 -0.17 0.00	50.46 -0.10 0.00	47.93 -0.10 0.00
CH_RES_NIAGARA 23895	49.06 -4.38 0.00	46.06 -4.28 0.00	44.74 -3.89 0.00	42.90 -3.68 0.00	46.13 -4.18 0.00	46.88 -5.44 0.00	57.17 -8.09 0.00	77.42 -11.47 0.00	63.27 -9.04 0.00	49.39 -7.98 0.01	44.06 -5.67 0.00	40.11 -5.11 0.00	37.91 -4.54 0.00	36.68 -4.67 0.00	35.77 -4.79 0.00	36.35 -5.38 0.00	42.69 -6.15 0.00	48.26 -7.92 0.01	55.44 -8.95 0.00	64.04 -10.25 0.00	57.32 -9.02 0.00	50.35 -8.13 0.00	44.44 -6.12 0.00	43.46 -4.56 0.00
CH_RES_SYRACUSE 23985	53.22 -0.21 0.00	50.03 -0.30 0.00	48.34 -0.29 0.00	46.30 -0.28 0.00	50.15 -0.15 0.00	52.06 -0.26 0.00	65.00 -0.26 0.00	88.70 -0.18 0.00	72.16 -0.14 0.00	57.26 -0.11 0.00	49.77 0.05 0.00	45.22 0.00 0.00	42.46 0.00 0.00	41.31 -0.04 0.00	40.43 -0.12 0.00	41.57 -0.17 0.00	48.75 -0.10 0.00	55.92 -0.28 0.00	64.13 -0.26 0.00	74.00 -0.30 0.00	66.01 -0.33 0.00	58.13 -0.35 0.00	50.36 -0.20 0.00	47.88 -0.14 0.00
CLINTON_WT_PWR 323605	53.86 0.43 0.00	50.74 0.40 0.00	48.82 0.20 0.00	46.58 0.00 0.00	50.25 -0.05 0.00	52.01 -0.31 0.00	64.87 -0.39 0.00	88.17 -0.71 0.00	72.23 -0.07 0.00	57.15 -0.23 0.00	49.68 -0.05 0.00	45.13 -0.09 0.00	42.24 -0.21 0.00	41.23 -0.12 0.00	40.39 -0.16 0.00	41.57 -0.17 0.00	48.51 -0.34 0.00	55.74 -0.45 0.00	64.20 -0.19 0.00	74.14 -0.15 0.00	66.21 -0.13 0.00	58.37 -0.12 0.00	50.51 -0.05 0.00	47.98 -0.05 0.00
CLINTON__LFGE 323618	55.31 1.87 0.00	51.95 1.61 0.00	49.94 1.31 0.00	47.60 1.02 0.00	51.41 1.11 0.00	53.21 0.89 0.00	66.50 1.24 0.00	90.30 1.42 0.00	74.18 1.88 0.00	58.47 1.09 0.00	50.77 1.05 0.00	46.12 0.90 0.00	43.13 0.68 0.00	42.14 0.78 0.00	41.20 0.65 0.00	42.45 0.71 0.00	49.53 0.68 0.00	56.98 0.79 0.00	65.80 1.41 0.00	76.00 1.71 0.00	67.93 1.59 0.00	59.94 1.46 0.00	51.73 1.16 0.00	49.08 1.06 0.00
COBBLENY_34_KV_TB1 80064	50.44 -2.99 0.00	47.11 -3.22 0.00	45.71 -2.92 0.00	43.78 -2.79 0.00	47.19 -3.12 0.00	48.76 -3.56 0.00	60.04 -5.22 0.00	81.42 -7.47 0.00	66.30 -6.00 0.00	51.86 -5.51 0.01	46.00 -3.73 0.00	41.83 -3.39 0.00	39.44 -3.01 0.00	38.17 -3.18 0.00	37.23 -3.33 0.00	37.86 -3.88 0.00	44.50 -4.35 0.00	50.51 -5.68 0.01	58.21 -6.18 0.00	67.38 -6.91 0.00	60.24 -6.10 0.00	52.81 -5.67 0.00	46.42 -4.15 0.00	45.24 -2.79 0.00
COFFEEN__115KV_TB3 355620	53.38 -0.05 0.00	50.23 -0.10 0.00	48.48 -0.15 0.00	46.72 0.14 0.00	50.35 0.05 0.00	52.53 0.21 0.00	66.43 1.17 0.00	90.21 1.33 0.00	73.61 1.30 0.00	57.55 0.17 0.00	49.28 -0.45 0.00	44.59 -0.63 0.00	41.56 -0.89 0.00	40.53 -0.83 0.00	39.86 -0.69 0.00	41.45 -0.29 0.00	48.90 0.05 0.00	56.87 0.67 0.00	65.74 1.35 0.00	76.45 2.15 0.00	67.93 1.59 0.00	59.71 1.23 0.00	51.52 0.96 0.00	48.65 0.62 0.00
COLDSPRG_115KV_BK1 355956	51.19 -2.24 0.00	47.77 -2.57 0.00	46.29 -2.33 0.00	44.39 -2.19 0.00	47.94 -2.36 0.00	49.76 -2.56 0.00	61.80 -3.46 0.00	84.08 -4.80 0.00	68.18 -4.12 0.00	53.41 -3.96 0.01	47.24 -2.49 0.00	42.91 -2.31 0.00	40.46 -2.00 0.00	39.16 -2.19 0.00	38.20 -2.35 0.00	38.86 -2.88 0.00	45.67 -3.18 0.00	51.97 -4.21 0.01	60.08 -4.31 0.00	69.54 -4.75 0.00	62.23 -4.11 0.00	54.56 -3.92 0.00	47.73 -2.83 0.00	46.44 -1.58 0.00
COLONIE_LFGE__ 323577	54.29 0.85 0.00	51.44 1.11 0.00	49.75 1.12 0.00	47.78 1.21 0.00	51.51 1.21 0.00	53.78 1.46 0.00	67.22 1.96 0.00	91.19 2.31 0.00	73.75 1.45 0.00	58.59 1.21 0.00	50.27 0.55 0.00	45.76 0.54 0.00	42.97 0.51 0.00	41.85 0.50 0.00	41.12 0.57 0.00	42.45 0.71 0.00	49.88 1.03 0.00	57.60 1.41 0.00	65.87 1.48 0.00	76.07 1.78 0.00	67.80 1.46 0.00	59.83 1.35 0.00	51.67 1.11 0.00	48.84 0.82 0.00
COOPERNY_115KV_TB1 80082	54.88 1.44 0.00	51.54 1.21 0.00	49.75 1.12 0.00	47.55 0.98 0.00	51.31 1.01 0.00	53.58 1.26 0.00	67.02 1.76 0.00	91.81 2.93 0.00	74.40 2.10 0.00	59.39 2.01 0.00	51.42 1.69 0.00	46.80 1.58 0.00	43.98 1.53 0.00	42.88 1.53 0.00	42.05 1.50 0.00	43.33 1.59 0.00	50.80 1.95 0.00	58.72 2.53 0.00	66.64 2.25 0.00	76.89 2.60 0.00	68.80 2.45 0.00	60.65 2.16 0.00	52.38 1.82 0.00	49.52 1.49 0.00
COPENHAGEN_WT_PWR 323753	53.12 -0.32 0.00	49.93 -0.40 0.00	48.19 -0.44 0.00	46.44 -0.14 0.00	50.05 -0.25 0.00	52.16 -0.16 0.00	65.98 0.72 0.00	89.51 0.63 0.00	73.17 0.87 0.00	57.26 -0.11 0.00	49.13 -0.59 0.00	44.45 -0.77 0.00	41.48 -0.97 0.00	40.44 -0.91 0.00	39.74 -0.81 0.00	41.32 -0.42 0.00	48.65 -0.19 0.00	56.53 0.34 0.00	65.22 0.83 0.00	75.78 1.49 0.00	67.40 1.06 0.00	59.24 0.76 0.00	51.17 0.61 0.00	48.37 0.34 0.00
CORNELL____ 23752	54.08 0.64 0.00	50.74 0.40 0.00	49.02 0.39 0.00	46.95 0.37 0.00	50.91 0.60 0.00	52.90 0.58 0.00	66.04 0.78 0.00	90.30 1.42 0.00	73.32 1.01 0.00	57.99 0.57 -0.04	50.27 0.55 0.00	45.63 0.41 0.00	42.84 0.38 0.00	41.64 0.29 0.00	40.71 0.16 0.00	41.82 0.08 0.00	49.24 0.39 0.00	56.65 0.45 0.00	65.10 0.71 0.00	75.26 0.97 0.00	67.07 0.73 0.00	59.07 0.58 0.00	51.17 0.61 0.00	48.75 0.72 0.00

CORONA_69_KV_TB1 355595	56.71 3.26 -0.02	53.17 2.82 -0.02	51.30 2.67 0.00	48.86 2.28 0.00	52.82 2.52 0.00	55.20 2.88 0.00	68.91 3.65 0.00	94.04 5.16 0.00	76.43 4.12 0.00	61.36 3.96 -0.02	53.17 3.43 -0.02	48.45 3.21 -0.02	45.53 3.06 -0.02	44.43 3.06 -0.02	43.57 3.00 -0.02	44.85 3.09 -0.02	58.71 3.66 -6.20	66.01 4.55 -5.26	68.91 4.38 -0.14	79.36 5.05 -0.02	72.19 4.64 -1.21	62.65 4.15 -0.02	60.70 3.54 -6.60	51.12 3.07 -0.02
CORTLAND_115KV_TB3 80093	53.70 0.27 0.00	50.44 0.10 0.00	48.73 0.10 0.00	46.67 0.09 0.00	50.56 0.25 0.00	52.53 0.21 0.00	65.65 0.39 0.00	89.59 0.71 0.00	72.81 0.51 0.00	57.68 0.29 -0.01	50.02 0.30 0.00	45.45 0.23 0.00	42.67 0.21 0.00	41.52 0.17 0.00	40.63 0.08 0.00	41.78 0.04 0.00	49.04 0.20 0.00	56.42 0.22 0.00	64.71 0.32 0.00	74.74 0.45 0.00	66.67 0.33 0.00	58.72 0.23 0.00	50.87 0.30 0.00	48.41 0.38 0.00
COXSACKIE___GT 23611	56.00 2.56 0.00	53.00 2.67 0.00	51.25 2.62 0.00	49.09 2.51 0.00	53.02 2.71 0.00	55.30 2.98 0.00	69.04 3.78 0.00	94.57 5.69 0.00	76.06 3.76 0.00	59.79 2.41 0.00	51.02 1.29 0.00	46.17 0.95 0.00	43.43 0.98 0.00	42.22 0.87 0.00	41.44 0.89 0.00	42.91 1.17 0.00	50.51 1.66 0.00	58.95 2.75 0.00	67.67 3.28 0.00	78.30 4.01 0.00	69.99 3.65 0.00	61.58 3.10 0.00	53.19 2.63 0.00	50.33 2.31 0.00
CPV_VALLEY___CC1 323721	54.82 1.39 0.00	51.44 1.11 0.00	49.65 1.02 0.00	47.41 0.84 0.00	51.21 0.91 0.00	53.52 1.20 0.00	66.89 1.63 0.00	91.72 2.84 0.00	74.40 2.10 0.00	59.27 1.89 0.00	51.32 1.59 0.00	46.76 1.54 0.00	43.94 1.49 0.00	42.88 1.53 0.00	42.05 1.50 0.00	43.28 1.55 0.00	50.75 1.90 0.00	58.61 2.41 0.00	66.58 2.19 0.00	76.82 2.53 0.00	68.66 2.32 0.00	60.53 2.05 0.00	52.33 1.77 0.00	49.42 1.39 0.00
CPV_VALLEY___CC2 323722	54.82 1.39 0.00	51.44 1.11 0.00	49.65 1.02 0.00	47.41 0.84 0.00	51.21 0.91 0.00	53.52 1.20 0.00	66.89 1.63 0.00	91.72 2.84 0.00	74.40 2.10 0.00	59.27 1.89 0.00	51.32 1.59 0.00	46.76 1.54 0.00	43.94 1.49 0.00	42.88 1.53 0.00	42.05 1.50 0.00	43.28 1.55 0.00	50.75 1.90 0.00	58.61 2.41 0.00	66.58 2.19 0.00	76.82 2.53 0.00	68.66 2.32 0.00	60.53 2.05 0.00	52.33 1.77 0.00	49.42 1.39 0.00
CRESCENT___HYD 24018	54.29 0.85 0.00	51.44 1.11 0.00	49.75 1.12 0.00	47.78 1.21 0.00	51.51 1.21 0.00	53.78 1.46 0.00	67.22 1.96 0.00	91.19 2.31 0.00	73.75 1.45 0.00	58.59 1.21 0.00	50.27 0.55 0.00	45.76 0.54 0.00	42.97 0.51 0.00	41.85 0.50 0.00	41.12 0.57 0.00	42.45 0.71 0.00	49.88 1.03 0.00	57.60 1.41 0.00	65.87 1.48 0.00	76.07 1.78 0.00	67.80 1.46 0.00	59.83 1.35 0.00	51.67 1.11 0.00	48.84 0.82 0.00
CRICKET___VALLEY_CC1 323756	54.88 1.44 0.00	51.54 1.21 0.00	49.75 1.12 0.00	47.56 0.98 0.00	51.36 1.06 0.00	53.68 1.36 0.00	67.08 1.82 0.00	91.90 3.02 0.00	74.40 2.10 0.00	59.39 2.01 0.00	51.27 1.54 0.00	46.71 1.49 0.00	43.90 1.44 0.00	42.84 1.49 0.00	42.05 1.50 0.00	43.32 1.59 0.00	50.75 1.90 0.00	58.67 2.47 0.00	66.58 2.19 0.00	76.82 2.53 0.00	68.66 2.32 0.00	60.53 2.05 0.00	52.33 1.77 0.00	49.32 1.30 0.00
CRICKET___VALLEY_CC2 323757	54.88 1.44 0.00	51.54 1.21 0.00	49.75 1.12 0.00	47.56 0.98 0.00	51.36 1.06 0.00	53.68 1.36 0.00	67.08 1.82 0.00	91.90 3.02 0.00	74.40 2.10 0.00	59.39 2.01 0.00	51.27 1.54 0.00	46.71 1.49 0.00	43.90 1.44 0.00	42.84 1.49 0.00	42.05 1.50 0.00	43.32 1.59 0.00	50.75 1.90 0.00	58.67 2.47 0.00	66.58 2.19 0.00	76.82 2.53 0.00	68.66 2.32 0.00	60.53 2.05 0.00	52.33 1.77 0.00	49.32 1.30 0.00
CRICKET___VALLEY_CC3 323758	54.88 1.44 0.00	51.54 1.21 0.00	49.75 1.12 0.00	47.56 0.98 0.00	51.36 1.06 0.00	53.68 1.36 0.00	67.08 1.82 0.00	91.90 3.02 0.00	74.40 2.10 0.00	59.39 2.01 0.00	51.27 1.54 0.00	46.71 1.49 0.00	43.90 1.44 0.00	42.84 1.49 0.00	42.05 1.50 0.00	43.32 1.59 0.00	50.75 1.90 0.00	58.67 2.47 0.00	66.58 2.19 0.00	76.82 2.53 0.00	68.66 2.32 0.00	60.53 2.05 0.00	52.33 1.77 0.00	49.32 1.30 0.00
CRUCIBLE_METL_DRP 24180	53.22 -0.21 0.00	49.98 -0.35 0.00	48.29 -0.34 0.00	46.25 -0.33 0.00	50.10 -0.20 0.00	52.06 -0.26 0.00	64.93 -0.33 0.00	88.70 -0.18 0.00	72.16 -0.14 0.00	57.26 -0.11 0.00	49.72 0.00 0.00	45.22 0.00 0.00	42.46 0.00 0.00	41.31 -0.04 0.00	40.43 -0.12 0.00	41.57 -0.17 0.00	48.70 -0.15 0.00	55.91 -0.28 0.00	64.07 -0.32 0.00	73.99 -0.30 0.00	66.01 -0.33 0.00	58.13 -0.35 0.00	50.31 -0.25 0.00	47.93 -0.10 0.00
DAHOWA___HYDRO 323763	54.72 1.28 0.00	51.69 1.36 0.00	49.99 1.36 0.00	47.97 1.40 0.00	51.76 1.46 0.00	54.10 1.78 0.00	67.61 2.35 0.00	92.08 3.20 0.00	74.26 1.95 0.00	58.70 1.32 0.00	50.37 0.64 0.00	45.72 0.50 0.00	42.97 0.51 0.00	41.77 0.41 0.00	41.04 0.49 0.00	42.40 0.67 0.00	49.97 1.12 0.00	57.88 1.68 0.00	66.26 1.87 0.00	76.67 2.38 0.00	68.27 1.93 0.00	60.18 1.70 0.00	51.98 1.41 0.00	49.08 1.06 0.00
DANC___LFGE 323619	52.64 -0.80 0.00	49.53 -0.81 0.00	47.80 -0.83 0.00	46.02 -0.56 0.00	49.65 -0.66 0.00	51.69 -0.63 0.00	65.13 -0.13 0.00	88.62 -0.27 0.00	72.23 -0.07 0.00	56.75 -0.63 0.00	48.83 -0.89 0.00	44.22 -1.00 0.00	41.31 -1.14 0.00	40.28 -1.08 0.00	39.50 -1.05 0.00	40.99 -0.75 0.00	48.21 -0.64 0.00	55.86 -0.34 0.00	64.39 0.00 0.00	74.74 0.45 0.00	66.47 0.13 0.00	58.48 0.00 0.00	50.51 -0.05 0.00	47.79 -0.24 0.00
DANSKAMMER___1 23586	55.73 2.30 0.00	52.35 2.02 0.00	50.52 1.89 0.00	48.25 1.67 0.00	52.11 1.81 0.00	54.52 2.20 0.00	68.06 2.80 0.00	93.59 4.71 0.00	75.77 3.47 0.00	60.30 2.92 0.00	52.06 2.34 0.00	47.39 2.17 0.00	44.58 2.12 0.00	43.46 2.11 0.00	42.62 2.07 0.00	43.91 2.17 0.00	51.48 2.64 0.00	59.62 3.43 0.00	67.67 3.28 0.00	78.15 3.86 0.00	69.92 3.58 0.00	61.58 3.10 0.00	53.24 2.68 0.00	50.24 2.21 0.00
DANSKAMMER___2 23589	55.73 2.30 0.00	52.35 2.02 0.00	50.52 1.89 0.00	48.25 1.67 0.00	52.11 1.81 0.00	54.52 2.20 0.00	68.06 2.80 0.00	93.59 4.71 0.00	75.77 3.47 0.00	60.30 2.92 0.00	52.06 2.34 0.00	47.39 2.17 0.00	44.58 2.12 0.00	43.46 2.11 0.00	42.62 2.07 0.00	43.91 2.17 0.00	51.48 2.64 0.00	59.62 3.43 0.00	67.67 3.28 0.00	78.15 3.86 0.00	69.92 3.58 0.00	61.58 3.10 0.00	53.24 2.68 0.00	50.24 2.21 0.00
DANSKAMMER___3 23590	55.73 2.30 0.00	52.35 2.02 0.00	50.52 1.89 0.00	48.25 1.67 0.00	52.11 1.81 0.00	54.52 2.20 0.00	68.06 2.80 0.00	93.59 4.71 0.00	75.77 3.47 0.00	60.30 2.92 0.00	52.06 2.34 0.00	47.39 2.17 0.00	44.58 2.12 0.00	43.46 2.11 0.00	42.62 2.07 0.00	43.91 2.17 0.00	51.48 2.64 0.00	59.62 3.43 0.00	67.67 3.28 0.00	78.15 3.86 0.00	69.92 3.58 0.00	61.58 3.10 0.00	53.24 2.68 0.00	50.24 2.21 0.00

DANSKAMMER___4 23591	55.73 2.30 0.00	52.35 2.02 0.00	50.52 1.89 0.00	48.25 1.67 0.00	52.11 1.81 0.00	54.52 2.20 0.00	68.06 2.80 0.00	93.59 4.71 0.00	75.77 3.47 0.00	60.30 2.92 0.00	52.06 2.34 0.00	47.39 2.17 0.00	44.58 2.12 0.00	43.46 2.11 0.00	42.62 2.07 0.00	43.91 2.17 0.00	51.48 2.64 0.00	59.62 3.43 0.00	67.67 3.28 0.00	78.15 3.86 0.00	69.92 3.58 0.00	61.58 3.10 0.00	53.24 2.68 0.00	50.24 2.21 0.00
DANSKAMMER___DIESEL 23592	55.79 2.35 0.00	52.40 2.06 0.00	50.57 1.95 0.00	48.35 1.77 0.00	52.17 1.86 0.00	54.47 2.15 0.00	68.13 2.87 0.00	93.68 4.80 0.00	75.70 3.40 0.00	60.36 2.98 0.00	52.16 2.44 0.00	47.48 2.26 0.00	44.62 2.17 0.00	43.46 2.11 0.00	42.62 2.07 0.00	43.95 2.21 0.00	51.54 2.69 0.00	59.68 3.48 0.00	67.74 3.35 0.00	78.23 3.94 0.00	69.99 3.65 0.00	61.64 3.16 0.00	53.24 2.68 0.00	50.28 2.26 0.00
DARBY___SOLAR 323810	54.67 1.23 0.00	51.64 1.31 0.00	49.94 1.31 0.00	47.93 1.35 0.00	51.71 1.41 0.00	54.04 1.72 0.00	67.54 2.28 0.00	91.90 3.02 0.00	74.18 1.88 0.00	58.64 1.26 0.00	50.37 0.64 0.00	45.72 0.50 0.00	42.92 0.47 0.00	41.77 0.41 0.00	41.04 0.49 0.00	42.40 0.67 0.00	49.97 1.12 0.00	57.83 1.63 0.00	66.19 1.80 0.00	76.60 2.31 0.00	68.20 1.85 0.00	60.12 1.64 0.00	51.93 1.37 0.00	49.08 1.06 0.00
DASHVILLE___HYD 23610	55.41 1.98 0.00	52.10 1.76 0.00	50.28 1.65 0.00	48.07 1.49 0.00	51.91 1.61 0.00	54.15 1.83 0.00	67.61 2.35 0.00	92.88 4.00 0.00	74.91 2.60 0.00	59.73 2.35 0.00	51.56 1.84 0.00	46.89 1.67 0.00	44.07 1.61 0.00	42.93 1.57 0.00	42.13 1.58 0.00	43.45 1.71 0.00	50.90 2.05 0.00	59.01 2.81 0.00	67.03 2.64 0.00	77.41 3.12 0.00	69.26 2.92 0.00	61.11 2.63 0.00	52.79 2.22 0.00	49.90 1.87 0.00
DELAWARE___LFGE 323621	54.61 1.18 0.00	51.34 1.01 0.00	49.60 0.97 0.00	47.51 0.93 0.00	51.31 1.01 0.00	53.47 1.15 0.00	66.83 1.57 0.00	91.01 2.13 0.00	74.11 1.81 0.00	58.81 1.43 0.00	50.87 1.14 0.00	46.26 1.04 0.00	43.43 0.98 0.00	42.30 0.95 0.00	41.52 0.97 0.00	42.74 1.00 0.00	50.22 1.37 0.00	57.94 1.74 0.00	66.06 1.67 0.00	76.15 1.86 0.00	68.07 1.72 0.00	59.94 1.46 0.00	51.88 1.31 0.00	49.23 1.20 0.00
DERFIELD_115KV_TB7 355931	53.44 0.00 0.00	50.34 0.00 0.00	48.68 0.05 0.00	46.62 0.05 0.00	50.30 0.00 0.00	52.37 0.05 0.00	65.39 0.13 0.00	89.06 0.18 0.00	72.45 0.14 0.00	57.49 0.11 0.00	49.77 0.05 0.00	45.27 0.05 0.00	42.50 0.04 0.00	41.40 0.04 0.00	40.59 0.04 0.00	41.78 0.04 0.00	49.00 0.15 0.00	56.42 0.22 0.00	64.52 0.13 0.00	74.44 0.15 0.00	66.47 0.13 0.00	58.60 0.12 0.00	50.66 0.10 0.00	48.12 0.10 0.00
DOGLEVILLE___HYD 23807	52.90 -0.53 0.00	49.93 -0.40 0.00	48.29 -0.34 0.00	46.30 -0.28 0.00	49.95 -0.35 0.00	52.06 -0.26 0.00	65.06 -0.20 0.00	88.61 -0.27 0.00	72.09 -0.22 0.00	57.21 -0.17 0.00	49.48 -0.25 0.00	44.99 -0.23 0.00	42.24 -0.21 0.00	41.11 -0.25 0.00	40.31 -0.24 0.00	41.53 -0.21 0.00	48.75 -0.10 0.00	56.14 -0.06 0.00	64.26 -0.13 0.00	74.07 -0.22 0.00	66.08 -0.27 0.00	58.25 -0.23 0.00	50.31 -0.25 0.00	47.74 -0.29 0.00
DUNKIRK___115KV_TB_200 55889	50.28 -3.15 0.00	46.91 -3.42 0.00	45.52 -3.11 0.00	43.59 -2.98 0.00	47.03 -3.27 0.00	48.66 -3.66 0.00	60.10 -5.16 0.00	81.59 -7.29 0.00	66.37 -5.93 0.00	51.92 -5.45 0.01	46.10 -3.63 0.00	41.92 -3.30 0.00	39.57 -2.89 0.00	38.29 -3.06 0.00	37.35 -3.20 0.00	38.02 -3.71 0.00	44.70 -4.15 0.00	50.79 -5.39 0.01	58.59 -5.80 0.00	67.90 -6.39 0.00	60.70 -5.64 0.00	53.28 -5.20 0.00	46.72 -3.84 0.00	45.58 -2.45 0.00
DUNKIRK___1 23563	50.28 -3.15 0.00	46.91 -3.42 0.00	45.52 -3.11 0.00	43.59 -2.98 0.00	47.03 -3.27 0.00	48.66 -3.66 0.00	60.10 -5.16 0.00	81.59 -7.29 0.00	66.37 -5.93 0.00	51.92 -5.45 0.01	46.10 -3.63 0.00	41.92 -3.30 0.00	39.57 -2.89 0.00	38.29 -3.06 0.00	37.35 -3.20 0.00	38.02 -3.71 0.00	44.70 -4.15 0.00	50.79 -5.39 0.01	58.59 -5.80 0.00	67.90 -6.39 0.00	60.70 -5.64 0.00	53.28 -5.20 0.00	46.72 -3.84 0.00	45.58 -2.45 0.00
DUNKIRK___2 23564	50.28 -3.15 0.00	46.91 -3.42 0.00	45.52 -3.11 0.00	43.59 -2.98 0.00	47.03 -3.27 0.00	48.66 -3.66 0.00	60.10 -5.16 0.00	81.59 -7.29 0.00	66.37 -5.93 0.00	51.92 -5.45 0.01	46.10 -3.63 0.00	41.92 -3.30 0.00	39.57 -2.89 0.00	38.29 -3.06 0.00	37.35 -3.20 0.00	38.02 -3.71 0.00	44.70 -4.15 0.00	50.79 -5.39 0.01	58.59 -5.80 0.00	67.90 -6.39 0.00	60.70 -5.64 0.00	53.28 -5.20 0.00	46.72 -3.84 0.00	45.58 -2.45 0.00
DUNKIRK___3 23565	50.12 -3.31 0.00	46.81 -3.52 0.00	45.42 -3.21 0.00	43.50 -3.07 0.00	46.93 -3.37 0.00	48.50 -3.82 0.00	59.84 -5.42 0.00	81.24 -7.64 0.00	66.09 -6.22 0.00	51.69 -5.68 0.01	45.85 -3.88 0.00	41.74 -3.48 0.00	39.40 -3.06 0.00	38.13 -3.23 0.00	37.14 -3.41 0.00	37.82 -3.92 0.00	44.45 -4.40 0.00	50.51 -5.68 0.01	58.27 -6.12 0.00	67.46 -6.83 0.00	60.30 -6.04 0.00	52.93 -5.56 0.00	46.42 -4.15 0.00	45.29 -2.74 0.00
DUNKIRK___4 23566	50.12 -3.31 0.00	46.81 -3.52 0.00	45.42 -3.21 0.00	43.50 -3.07 0.00	46.93 -3.37 0.00	48.50 -3.82 0.00	59.84 -5.42 0.00	81.24 -7.64 0.00	66.09 -6.22 0.00	51.69 -5.68 0.01	45.85 -3.88 0.00	41.74 -3.48 0.00	39.40 -3.06 0.00	38.13 -3.23 0.00	37.14 -3.41 0.00	37.82 -3.92 0.00	44.45 -4.40 0.00	50.51 -5.68 0.01	58.27 -6.12 0.00	67.46 -6.83 0.00	60.30 -6.04 0.00	52.93 -5.56 0.00	46.42 -4.15 0.00	45.29 -2.74 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	55.79 2.35 0.00	52.30 1.96 0.00	50.48 1.85 0.00	48.21 1.63 0.00	52.02 1.71 0.00	54.36 2.04 0.00	67.94 2.68 0.00	93.41 4.53 0.00	75.63 3.33 0.00	60.53 3.16 0.00	52.51 2.78 0.00	47.84 2.62 0.00	44.92 2.46 0.00	43.79 2.44 0.00	42.90 2.35 0.00	44.24 2.50 0.00	51.88 3.03 0.00	59.90 3.71 0.00	67.87 3.48 0.00	78.30 4.01 0.00	70.06 3.72 0.00	61.76 3.27 0.00	53.34 2.78 0.00	50.33 2.31 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	55.41 1.98 0.00	52.05 1.71 0.00	50.23 1.60 0.00	47.97 1.40 0.00	51.76 1.46 0.00	54.05 1.73 0.00	67.61 2.35 0.00	92.97 4.09 0.00	75.20 2.89 0.00	59.96 2.58 0.00	51.86 2.14 0.00	47.25 2.03 0.00	44.41 1.95 0.00	43.30 1.94 0.00	42.42 1.87 0.00	43.74 2.00 0.00	51.24 2.39 0.00	59.29 3.09 0.00	67.29 2.90 0.00	77.71 3.42 0.00	69.53 3.18 0.00	61.29 2.81 0.00	52.94 2.38 0.00	50.00 1.97 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	56.38 2.94 0.00	52.70 2.37 0.00	50.82 2.19 0.00	48.44 1.86 0.00	52.27 1.96 0.00	54.31 1.99 0.00	67.48 2.22 0.00	92.97 4.09 0.00	75.34 3.04 0.00	60.48 3.10 0.00	52.61 2.88 0.00	47.98 2.76 0.00	45.05 2.59 0.00	43.92 2.56 0.00	43.02 2.47 0.00	44.37 2.63 0.00	52.02 3.18 0.00	60.07 3.88 0.00	67.67 3.28 0.00	78.01 3.71 0.00	69.79 3.45 0.00	61.76 3.27 0.00	53.49 2.93 0.00	50.72 2.69 0.00

E179THST_13_KV_LOAD 356214	56.59 3.15 0.00	52.90 2.57 0.00	51.01 2.38 0.00	48.58 2.00 0.00	52.47 2.16 0.00	54.52 2.20 0.00	67.74 2.48 0.00	93.41 4.53 0.00	75.70 3.40 0.00	60.76 3.39 0.00	52.86 3.13 0.00	48.16 2.94 0.00	45.22 2.76 0.00	44.12 2.77 0.00	43.19 2.64 0.00	44.54 2.80 0.00	52.22 3.37 0.00	60.30 4.10 0.00	68.00 3.61 0.00	78.38 4.09 0.00	70.12 3.78 0.00	62.05 3.57 0.00	53.70 3.13 0.00	50.91 2.88 0.00
EAST HAMPTON___GT 23717	59.11 5.66 -0.01	55.33 4.98 -0.01	53.25 4.62 0.00	50.63 4.05 0.00	54.78 4.48 0.00	57.60 5.28 0.00	72.05 6.79 0.00	97.15 8.27 0.00	80.26 7.95 0.00	63.41 6.02 -0.01	56.00 6.27 -0.01	50.88 5.65 -0.01	47.69 5.22 -0.01	46.41 5.04 -0.01	45.46 4.90 -0.01	46.96 5.22 -0.01	58.75 6.59 -3.31	67.26 8.26 -2.81	73.02 8.56 -0.07	83.59 9.29 -0.01	75.81 8.82 -0.64	66.68 8.19 -0.01	61.06 6.98 -3.52	54.14 6.10 -0.01
EAST RIVER___6 23660	55.79 2.35 0.00	52.25 1.91 0.00	50.38 1.75 0.00	48.07 1.49 0.00	51.87 1.56 0.00	54.31 1.99 0.00	67.87 2.61 0.00	93.50 4.62 0.00	75.85 3.54 0.00	60.65 3.27 0.00	52.61 2.88 0.00	47.98 2.76 0.00	45.05 2.59 0.00	43.92 2.56 0.00	43.07 2.52 0.00	44.37 2.63 0.00	52.02 3.17 0.00	60.07 3.87 0.00	67.93 3.54 0.00	78.30 4.01 0.00	70.05 3.71 0.00	61.76 3.27 0.00	53.39 2.83 0.00	50.29 2.26 0.00
EAST RIVER___7 23524	55.79 2.35 0.00	52.25 1.91 0.00	50.38 1.75 0.00	48.07 1.49 0.00	51.87 1.56 0.00	54.31 1.99 0.00	67.87 2.61 0.00	93.50 4.62 0.00	75.85 3.54 0.00	60.65 3.27 0.00	52.61 2.88 0.00	47.98 2.76 0.00	45.05 2.59 0.00	43.92 2.56 0.00	43.07 2.52 0.00	44.37 2.63 0.00	52.02 3.17 0.00	60.07 3.87 0.00	67.93 3.54 0.00	78.30 4.01 0.00	70.05 3.71 0.00	61.76 3.27 0.00	53.39 2.83 0.00	50.29 2.26 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	55.63 2.19 0.00	52.20 1.86 0.00	50.38 1.75 0.00	48.11 1.54 0.00	51.91 1.61 0.00	54.20 1.88 0.00	67.80 2.55 0.00	93.24 4.36 0.00	75.41 3.11 0.00	60.36 2.98 0.00	52.31 2.59 0.00	47.66 2.44 0.00	44.75 2.29 0.00	43.63 2.27 0.00	42.78 2.23 0.00	44.12 2.38 0.00	51.68 2.83 0.00	59.74 3.54 0.00	67.61 3.22 0.00	78.08 3.79 0.00	69.79 3.45 0.00	61.52 3.04 0.00	53.19 2.63 0.00	50.19 2.16 0.00
EAST_HAMPTON___DIESEL 23722	59.11 5.66 -0.01	55.33 4.98 -0.01	53.25 4.62 0.00	50.63 4.05 0.00	54.78 4.48 0.00	57.60 5.28 0.00	72.05 6.79 0.00	97.23 8.35 0.00	80.33 8.02 0.00	63.47 6.08 -0.01	56.00 6.27 -0.01	50.93 5.70 -0.01	47.73 5.26 -0.01	46.45 5.09 -0.01	45.51 4.95 -0.01	46.96 5.22 -0.01	58.75 6.59 -3.31	67.26 8.26 -2.81	73.02 8.56 -0.07	83.59 9.29 -0.01	75.87 8.89 -0.64	66.68 8.19 -0.01	61.06 6.98 -3.52	54.19 6.15 -0.01
EAST_POINT___SOLAR 323840	56.81 3.37 0.00	53.41 3.07 0.00	51.64 3.02 0.00	49.51 2.94 0.00	53.53 3.22 0.00	56.09 3.77 0.00	70.22 4.96 0.00	96.08 7.20 0.00	76.35 4.05 0.00	59.04 1.67 0.00	50.37 0.64 0.00	45.90 0.68 0.00	43.39 0.93 0.00	42.14 0.78 0.00	41.48 0.93 0.00	43.03 1.30 0.00	51.19 2.34 0.00	59.68 3.49 0.00	68.90 4.51 0.00	79.87 5.57 0.00	71.12 4.78 0.00	62.57 4.09 0.00	53.90 3.34 0.00	50.96 2.93 0.00
EAST_PULASKI___ESR 323781	52.42 -1.02 0.00	49.33 -1.01 0.00	47.66 -0.97 0.00	45.74 -0.84 0.00	49.45 -0.86 0.00	51.48 -0.84 0.00	64.54 -0.72 0.00	87.91 -0.98 0.00	71.58 -0.72 0.00	56.46 -0.92 0.00	48.73 -0.99 0.00	44.22 -1.00 0.00	41.40 -1.06 0.00	40.32 -1.03 0.00	39.50 -1.05 0.00	40.86 -0.88 0.00	47.97 -0.88 0.00	55.41 -0.79 0.00	63.75 -0.64 0.00	73.85 -0.44 0.00	65.81 -0.53 0.00	57.90 -0.58 0.00	50.01 -0.56 0.00	47.40 -0.63 0.00
EAST_RIVER___1 323558	55.90 2.46 0.00	52.35 2.02 0.00	50.52 1.89 0.00	48.20 1.63 0.00	52.02 1.71 0.00	54.42 2.09 0.00	68.00 2.74 0.00	93.59 4.71 0.00	75.92 3.61 0.00	60.65 3.27 0.00	52.61 2.88 0.00	47.98 2.76 0.00	45.05 2.59 0.00	43.96 2.61 0.00	43.07 2.52 0.00	44.37 2.63 0.00	52.02 3.17 0.00	60.07 3.87 0.00	67.93 3.54 0.00	78.37 4.08 0.00	70.05 3.71 0.00	61.81 3.33 0.00	53.44 2.88 0.00	50.43 2.40 0.00
EAST_RIVER___2 323559	55.79 2.35 0.00	52.25 1.91 0.00	50.38 1.75 0.00	48.07 1.49 0.00	51.87 1.56 0.00	54.31 1.99 0.00	67.87 2.61 0.00	93.50 4.62 0.00	75.85 3.54 0.00	60.65 3.27 0.00	52.61 2.88 0.00	47.98 2.76 0.00	45.05 2.59 0.00	43.92 2.56 0.00	43.07 2.52 0.00	44.37 2.63 0.00	52.02 3.17 0.00	60.07 3.87 0.00	67.93 3.54 0.00	78.30 4.01 0.00	70.05 3.71 0.00	61.76 3.27 0.00	53.39 2.83 0.00	50.29 2.26 0.00
EAST___DELAWARE_HYD 23607	56.37 2.94 0.00	52.95 2.62 0.00	51.11 2.48 0.00	48.81 2.24 0.00	52.72 2.41 0.00	55.09 2.77 0.00	68.85 3.59 0.00	94.75 5.86 0.00	76.72 4.41 0.00	60.82 3.44 0.00	52.46 2.73 0.00	47.66 2.44 0.00	44.83 2.38 0.00	43.67 2.31 0.00	42.86 2.31 0.00	44.16 2.42 0.00	51.88 3.03 0.00	60.19 3.99 0.00	68.45 4.06 0.00	79.05 4.76 0.00	70.72 4.38 0.00	62.23 3.75 0.00	53.80 3.24 0.00	50.81 2.78 0.00
EIGHT_POINT___WT_PWR 323820	51.62 -1.82 0.00	48.12 -2.21 0.00	46.78 -1.85 0.00	44.71 -1.86 0.00	48.44 -1.86 0.00	50.33 -1.99 0.00	62.32 -2.94 0.00	85.15 -3.73 0.00	68.98 -3.32 0.00	53.85 -3.50 0.02	47.54 -2.19 0.00	43.01 -2.21 0.00	40.38 -2.08 0.00	39.16 -2.19 0.00	38.20 -2.35 0.00	38.94 -2.80 0.00	45.97 -2.88 0.00	52.48 -3.71 0.00	60.85 -3.54 0.00	70.28 -4.01 0.00	62.89 -3.45 0.00	55.32 -3.16 0.00	48.29 -2.27 0.00	46.73 -1.29 0.00
ELBRIDGE_115KV_TB2 80188	52.96 -0.48 0.00	49.78 -0.55 0.00	48.09 -0.53 0.00	46.06 -0.51 0.00	49.85 -0.45 0.00	51.80 -0.52 0.00	64.61 -0.65 0.00	88.17 -0.71 0.00	71.73 -0.58 0.00	56.86 -0.52 0.00	49.43 -0.30 0.00	44.90 -0.32 0.00	42.16 -0.30 0.00	41.02 -0.33 0.00	40.15 -0.41 0.00	41.28 -0.46 0.00	48.41 -0.44 0.00	55.58 -0.62 0.00	63.68 -0.71 0.00	73.55 -0.74 0.00	65.61 -0.73 0.00	57.78 -0.70 0.00	50.06 -0.51 0.00	47.69 -0.34 0.00
ELEC_TRO_TEK 24086	56.50 3.05 -0.02	53.02 2.67 -0.02	51.16 2.53 0.00	48.72 2.14 0.00	52.67 2.36 0.00	55.04 2.72 0.00	68.65 3.39 0.00	93.68 4.80 0.00	76.14 3.83 0.00	61.12 3.73 -0.02	53.02 3.28 -0.02	48.31 3.07 -0.02	45.40 2.93 -0.02	44.30 2.94 -0.02	43.45 2.88 -0.02	44.72 2.96 -0.02	57.57 3.47 -5.26	64.98 4.33 -4.46	68.63 4.12 -0.12	79.06 4.75 -0.02	71.74 4.38 -1.03	62.42 3.92 -0.02	59.49 3.34 -5.59	50.92 2.88 -0.02
ELLENBURG_WT_PWR 323604	53.86 0.43 0.00	50.74 0.40 0.00	48.82 0.20 0.00	46.58 0.00 0.00	50.25 -0.05 0.00	52.01 -0.31 0.00	64.87 -0.39 0.00	88.17 -0.71 0.00	72.23 -0.07 0.00	57.15 -0.23 0.00	49.68 -0.05 0.00	45.13 -0.09 0.00	42.24 -0.21 0.00	41.23 -0.12 0.00	40.39 -0.16 0.00	41.57 -0.17 0.00	48.51 -0.34 0.00	55.74 -0.45 0.00	64.20 -0.19 0.00	74.14 -0.15 0.00	66.21 -0.13 0.00	58.37 -0.12 0.00	50.51 -0.05 0.00	47.98 -0.05 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	49.86 -3.58 0.00	46.56 -3.78 0.00	45.18 -3.45 0.00	43.27 -3.31 0.00	46.63 -3.67 0.00	48.03 -4.29 0.00	58.99 -6.26 0.00	79.99 -8.89 0.00	65.22 -7.09 0.00	51.00 -6.37 0.01	45.35 -4.38 0.00	41.24 -3.98 0.00	38.93 -3.52 0.00	37.67 -3.68 0.00	36.70 -3.85 0.00	37.40 -4.34 0.00	43.92 -4.93 0.00	49.78 -6.41 0.01	57.31 -7.08 0.00	66.27 -8.02 0.00	59.31 -7.03 0.00	52.05 -6.43 0.00	45.76 -4.80 0.00	44.71 -3.31 0.00
EMPIRE_CC_1 323656	53.71 0.27 0.00	50.84 0.50 0.00	49.16 0.54 0.00	47.37 0.79 0.00	50.91 0.61 0.00	53.11 0.79 0.00	66.37 1.11 0.00	89.86 0.98 0.00	72.74 0.44 0.00	57.89 0.52 0.00	49.68 -0.05 0.00	45.27 0.05 0.00	42.50 0.04 0.00	41.44 0.08 0.00	40.71 0.16 0.00	41.99 0.25 0.00	49.29 0.44 0.00	56.87 0.68 0.00	64.84 0.45 0.00	74.88 0.59 0.00	66.74 0.40 0.00	58.95 0.47 0.00	50.96 0.40 0.00	48.22 0.19 0.00
EMPIRE_CC_2 323658	53.71 0.27 0.00	50.84 0.50 0.00	49.16 0.54 0.00	47.37 0.79 0.00	50.91 0.61 0.00	53.11 0.79 0.00	66.37 1.11 0.00	89.86 0.98 0.00	72.74 0.44 0.00	57.89 0.52 0.00	49.68 -0.05 0.00	45.27 0.05 0.00	42.50 0.04 0.00	41.44 0.08 0.00	40.71 0.16 0.00	41.99 0.25 0.00	49.29 0.44 0.00	56.87 0.68 0.00	64.84 0.45 0.00	74.88 0.59 0.00	66.74 0.40 0.00	58.95 0.47 0.00	50.96 0.40 0.00	48.22 0.19 0.00
ENORWICH_115KV_TB1 80156	55.63 2.19 0.00	52.25 1.91 0.00	50.43 1.80 0.00	48.44 1.86 0.00	52.37 2.06 0.00	54.57 2.25 0.00	68.72 3.46 0.00	93.86 4.98 0.00	76.06 3.76 0.00	59.80 2.41 -0.01	51.52 1.79 0.00	46.71 1.49 0.00	43.69 1.23 0.00	42.55 1.20 0.00	41.69 1.14 0.00	43.03 1.29 0.00	51.05 2.20 0.00	59.23 3.03 0.00	68.06 3.67 0.00	78.67 4.38 0.00	69.99 3.65 0.00	61.41 2.92 0.00	53.19 2.63 0.00	50.57 2.55 0.00
ERIE_ST__34_KV_TB1-2 80199	50.44 -2.99 0.00	47.06 -3.27 0.00	45.66 -2.97 0.00	43.73 -2.84 0.00	47.19 -3.12 0.00	48.76 -3.56 0.00	60.17 -5.09 0.00	81.50 -7.38 0.00	66.30 -6.00 0.00	51.86 -5.51 0.01	46.05 -3.68 0.00	41.83 -3.39 0.00	39.48 -2.97 0.00	38.17 -3.18 0.00	37.23 -3.33 0.00	37.86 -3.88 0.00	44.50 -4.35 0.00	50.51 -5.68 0.01	58.27 -6.12 0.00	67.38 -6.91 0.00	60.30 -6.04 0.00	52.81 -5.67 0.00	46.37 -4.20 0.00	45.24 -2.79 0.00
ERIE_WT_PWR 323693	50.45 -2.99 0.00	47.06 -3.27 0.00	45.81 -2.82 0.00	43.78 -2.79 0.00	47.19 -3.12 0.00	48.66 -3.66 0.00	59.84 -5.42 0.00	81.33 -7.56 0.00	66.30 -6.00 0.00	51.75 -5.62 0.01	46.20 -3.53 0.00	41.83 -3.39 0.00	39.36 -3.10 0.00	38.09 -3.27 0.00	37.15 -3.41 0.00	37.81 -3.93 0.00	44.45 -4.40 0.00	50.23 -5.96 0.01	58.08 -6.31 0.00	67.01 -7.28 0.00	60.10 -6.24 0.00	52.69 -5.79 0.00	46.26 -4.30 0.00	45.10 -2.93 0.00
ESPRGFLD_115KV_TB1 80157	55.73 2.30 0.00	52.35 2.01 0.00	50.57 1.95 0.00	48.48 1.91 0.00	52.42 2.11 0.00	54.73 2.41 0.00	68.59 3.33 0.00	93.68 4.80 0.00	75.70 3.40 0.00	59.62 2.24 0.00	51.27 1.54 0.00	46.58 1.36 0.00	43.77 1.32 0.00	42.59 1.24 0.00	41.85 1.30 0.00	43.12 1.38 0.00	50.95 2.10 0.00	59.01 2.81 0.00	67.67 3.28 0.00	78.15 3.86 0.00	69.72 3.38 0.00	61.35 2.87 0.00	52.94 2.38 0.00	50.19 2.16 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	54.02 0.59 0.00	50.69 0.35 0.00	48.97 0.34 0.00	46.90 0.33 0.00	50.86 0.55 0.00	52.84 0.52 0.00	65.98 0.72 0.00	90.13 1.24 0.00	73.17 0.87 0.00	57.92 0.52 -0.03	50.17 0.45 0.00	45.54 0.32 0.00	42.75 0.30 0.00	41.60 0.25 0.00	40.67 0.12 0.00	41.78 0.04 0.00	49.19 0.34 0.00	56.59 0.39 0.00	64.97 0.58 0.00	75.11 0.82 0.00	67.00 0.66 0.00	59.01 0.53 0.00	51.12 0.56 0.00	48.70 0.67 0.00
ETNA____115KV_TB2 80207	54.02 0.59 0.00	50.69 0.35 0.00	48.97 0.34 0.00	46.90 0.33 0.00	50.86 0.55 0.00	52.84 0.52 0.00	65.98 0.72 0.00	90.13 1.24 0.00	73.17 0.87 0.00	57.92 0.52 -0.03	50.17 0.45 0.00	45.54 0.32 0.00	42.75 0.30 0.00	41.60 0.25 0.00	40.67 0.12 0.00	41.78 0.04 0.00	49.19 0.34 0.00	56.59 0.39 0.00	64.97 0.58 0.00	75.11 0.82 0.00	67.00 0.66 0.00	59.01 0.53 0.00	51.12 0.56 0.00	48.70 0.67 0.00
EUCLID__115KV_TB2 356179	52.58 -0.85 0.00	49.48 -0.86 0.00	47.80 -0.83 0.00	45.78 -0.79 0.00	49.55 -0.75 0.00	51.48 -0.84 0.00	64.22 -1.04 0.00	87.55 -1.33 0.00	71.29 -1.01 0.00	56.58 -0.80 0.00	49.13 -0.60 0.00	44.68 -0.54 0.00	41.99 -0.47 0.00	40.86 -0.50 0.00	39.98 -0.57 0.00	41.11 -0.63 0.00	48.16 -0.68 0.00	55.30 -0.90 0.00	63.36 -1.03 0.00	73.10 -1.19 0.00	65.21 -1.13 0.00	57.43 -1.05 0.00	49.75 -0.81 0.00	47.35 -0.67 0.00
E_CANADA_CAP_HY 24051	56.16 2.72 0.00	52.75 2.42 0.00	51.01 2.38 0.00	48.90 2.33 0.00	52.87 2.56 0.00	55.30 2.98 0.00	69.24 3.98 0.00	94.66 5.77 0.00	75.85 3.54 0.00	59.33 1.95 0.00	50.82 1.09 0.00	46.12 0.90 0.00	43.43 0.98 0.00	42.26 0.91 0.00	41.57 1.01 0.00	42.95 1.21 0.00	50.85 2.00 0.00	59.12 2.92 0.00	68.06 3.67 0.00	78.82 4.53 0.00	70.25 3.91 0.00	61.81 3.33 0.00	53.29 2.73 0.00	50.38 2.35 0.00
E_CANADA_MHWK_HY 24050	52.90 -0.53 0.00	49.93 -0.40 0.00	48.29 -0.34 0.00	46.30 -0.28 0.00	49.96 -0.35 0.00	52.01 -0.31 0.00	65.06 -0.20 0.00	88.62 -0.27 0.00	72.02 -0.29 0.00	57.15 -0.23 0.00	49.48 -0.25 0.00	45.00 -0.22 0.00	42.24 -0.21 0.00	41.11 -0.25 0.00	40.31 -0.24 0.00	41.53 -0.21 0.00	48.75 -0.10 0.00	56.14 -0.06 0.00	64.26 -0.13 0.00	74.07 -0.22 0.00	66.08 -0.26 0.00	58.25 -0.23 0.00	50.31 -0.25 0.00	47.74 -0.29 0.00
E_FISHKILL__LBMP 23776	55.25 1.82 0.00	51.90 1.56 0.00	50.09 1.46 0.00	47.88 1.30 0.00	51.66 1.36 0.00	53.94 1.62 0.00	67.48 2.22 0.00	92.53 3.64 0.00	74.83 2.53 0.00	59.79 2.41 0.00	51.76 2.04 0.00	47.16 1.94 0.00	44.28 1.83 0.00	43.17 1.82 0.00	42.34 1.78 0.00	43.66 1.92 0.00	51.14 2.30 0.00	59.12 2.92 0.00	67.03 2.64 0.00	77.34 3.05 0.00	69.19 2.85 0.00	61.00 2.51 0.00	52.74 2.17 0.00	49.76 1.73 0.00
FALCON__SEABRD_CC1 323796	55.25 1.82 0.00	51.90 1.56 0.00	49.94 1.31 0.00	47.56 0.98 0.00	51.36 1.06 0.00	53.15 0.83 0.00	66.37 1.11 0.00	90.12 1.24 0.00	74.04 1.73 0.00	58.41 1.03 0.00	50.72 0.99 0.00	46.08 0.86 0.00	43.09 0.64 0.00	42.10 0.75 0.00	41.20 0.65 0.00	42.45 0.71 0.00	49.53 0.68 0.00	56.92 0.73 0.00	65.68 1.29 0.00	75.85 1.56 0.00	67.80 1.46 0.00	59.83 1.35 0.00	51.67 1.11 0.00	49.04 1.01 0.00
FALCON__SEABRD_CC2 323797	55.25 1.82 0.00	51.90 1.56 0.00	49.94 1.31 0.00	47.56 0.98 0.00	51.36 1.06 0.00	53.15 0.83 0.00	66.37 1.11 0.00	90.12 1.24 0.00	74.04 1.73 0.00	58.41 1.03 0.00	50.72 0.99 0.00	46.08 0.86 0.00	43.09 0.64 0.00	42.10 0.75 0.00	41.20 0.65 0.00	42.45 0.71 0.00	49.53 0.68 0.00	56.92 0.73 0.00	65.68 1.29 0.00	75.85 1.56 0.00	67.80 1.46 0.00	59.83 1.35 0.00	51.67 1.11 0.00	49.04 1.01 0.00

FAR ROCKAWAY___4 23548	57.14 3.69 -0.02	53.62 3.27 -0.02	51.69 3.06 0.00	49.23 2.65 0.00	53.17 2.87 0.00	55.62 3.30 0.00	69.44 4.18 0.00	94.75 5.87 0.00	77.00 4.70 0.00	61.81 4.42 -0.02	53.57 3.83 -0.02	48.81 3.57 -0.02	45.87 3.40 -0.02	44.76 3.39 -0.02	43.85 3.28 -0.02	45.14 3.38 -0.02	58.25 4.01 -5.39	65.83 5.06 -4.57	69.47 4.96 -0.12	80.10 5.79 -0.02	72.63 5.24 -1.05	63.18 4.68 -0.02	60.24 3.94 -5.74	51.45 3.41 -0.02
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	56.00 2.56 0.00	52.45 2.11 0.00	50.62 1.99 0.00	48.30 1.72 0.00	52.12 1.81 0.00	54.47 2.15 0.00	68.07 2.81 0.00	93.68 4.80 0.00	75.92 3.62 0.00	60.76 3.39 0.00	52.76 3.03 0.00	48.07 2.85 0.00	45.13 2.67 0.00	44.00 2.65 0.00	43.11 2.55 0.00	44.45 2.71 0.00	52.12 3.27 0.00	60.13 3.93 0.00	68.00 3.61 0.00	78.45 4.16 0.00	70.19 3.85 0.00	61.93 3.45 0.00	53.55 2.98 0.00	50.52 2.50 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	56.00 2.56 0.00	52.45 2.11 0.00	50.62 1.99 0.00	48.30 1.72 0.00	52.12 1.81 0.00	54.47 2.15 0.00	68.07 2.81 0.00	93.68 4.80 0.00	75.85 3.54 0.00	60.76 3.39 0.00	52.76 3.03 0.00	48.07 2.85 0.00	45.13 2.67 0.00	44.00 2.65 0.00	43.11 2.55 0.00	44.41 2.67 0.00	52.07 3.22 0.00	60.13 3.93 0.00	68.00 3.61 0.00	78.45 4.16 0.00	70.19 3.85 0.00	61.93 3.45 0.00	53.55 2.98 0.00	50.52 2.50 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	56.11 2.67 0.00	52.55 2.21 0.00	50.72 2.09 0.00	48.39 1.82 0.00	52.22 1.91 0.00	54.57 2.25 0.00	68.26 3.00 0.00	94.04 5.16 0.00	76.14 3.83 0.00	60.99 3.61 0.00	52.91 3.18 0.00	48.20 2.98 0.00	45.26 2.80 0.00	44.12 2.77 0.00	43.23 2.68 0.00	44.58 2.84 0.00	52.27 3.42 0.00	60.30 4.10 0.00	68.19 3.80 0.00	78.67 4.38 0.00	70.32 3.98 0.00	62.05 3.57 0.00	53.65 3.08 0.00	50.62 2.59 0.00
FARRAGUT___LBMP 323566	55.95 2.51 0.00	52.40 2.06 0.00	50.57 1.95 0.00	48.25 1.68 0.00	52.07 1.76 0.00	54.36 2.04 0.00	68.00 2.74 0.00	93.59 4.71 0.00	75.77 3.47 0.00	60.71 3.33 0.00	52.66 2.93 0.00	47.98 2.76 0.00	45.05 2.59 0.00	43.92 2.56 0.00	43.02 2.47 0.00	44.37 2.63 0.00	52.02 3.18 0.00	60.07 3.88 0.00	67.93 3.54 0.00	78.38 4.09 0.00	70.06 3.72 0.00	61.82 3.33 0.00	53.44 2.88 0.00	50.43 2.40 0.00
FENNER___WINDPWR 24204	54.03 0.59 0.00	50.84 0.50 0.00	49.11 0.49 0.00	47.09 0.51 0.00	50.91 0.61 0.00	53.00 0.68 0.00	66.30 1.04 0.00	90.66 1.78 0.00	73.67 1.37 0.00	58.25 0.86 -0.01	50.42 0.70 0.00	45.81 0.59 0.00	42.92 0.47 0.00	41.81 0.46 0.00	40.96 0.41 0.00	42.16 0.42 0.00	49.58 0.73 0.00	57.09 0.90 0.00	65.48 1.09 0.00	75.63 1.34 0.00	67.47 1.13 0.00	59.36 0.88 0.00	51.37 0.81 0.00	48.79 0.77 0.00
FIBERTEK___ENERGY 23856	53.22 -0.21 0.00	49.98 -0.35 0.00	48.29 -0.34 0.00	46.25 -0.33 0.00	50.10 -0.20 0.00	52.06 -0.26 0.00	64.93 -0.33 0.00	88.70 -0.18 0.00	72.16 -0.14 0.00	57.26 -0.11 0.00	49.72 0.00 0.00	45.22 0.00 0.00	42.46 0.00 0.00	41.31 -0.04 0.00	40.43 -0.12 0.00	41.57 -0.17 0.00	48.70 -0.15 0.00	55.91 -0.28 0.00	64.07 -0.32 0.00	73.99 -0.30 0.00	66.01 -0.33 0.00	58.13 -0.35 0.00	50.31 -0.25 0.00	47.93 -0.10 0.00
FITZPATRICK___ 23598	52.05 -1.39 0.00	48.98 -1.36 0.00	47.32 -1.31 0.00	45.32 -1.26 0.00	49.00 -1.31 0.00	50.96 -1.36 0.00	63.50 -1.76 0.00	86.57 -2.31 0.00	70.50 -1.80 0.00	55.89 -1.49 0.00	48.53 -1.19 0.00	44.13 -1.09 0.00	41.44 -1.02 0.00	40.32 -1.03 0.00	39.50 -1.05 0.00	40.65 -1.09 0.00	47.63 -1.22 0.00	54.68 -1.51 0.00	62.65 -1.74 0.00	72.29 -2.00 0.00	64.55 -1.79 0.00	56.84 -1.64 0.00	49.25 -1.31 0.00	46.83 -1.20 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	55.90 2.46 0.00	52.50 2.16 0.00	50.72 2.09 0.00	48.44 1.86 0.00	52.27 1.96 0.00	54.62 2.30 0.00	68.26 3.00 0.00	93.95 5.07 0.00	75.85 3.54 0.00	60.48 3.10 0.00	52.26 2.54 0.00	47.57 2.35 0.00	44.71 2.25 0.00	43.55 2.19 0.00	42.70 2.15 0.00	44.03 2.30 0.00	51.63 2.78 0.00	59.79 3.60 0.00	67.87 3.48 0.00	78.38 4.09 0.00	70.12 3.78 0.00	61.76 3.27 0.00	53.39 2.83 0.00	50.38 2.35 0.00
FORT ORANGE___ 23900	54.08 0.64 0.00	51.19 0.85 0.00	49.45 0.83 0.00	47.51 0.93 0.00	51.16 0.85 0.00	53.31 0.99 0.00	66.56 1.30 0.00	90.57 1.68 0.00	73.32 1.01 0.00	58.24 0.86 0.00	50.08 0.35 0.00	45.54 0.32 0.00	42.84 0.38 0.00	41.68 0.33 0.00	40.96 0.41 0.00	42.28 0.54 0.00	49.63 0.78 0.00	57.38 1.18 0.00	65.48 1.09 0.00	75.55 1.26 0.00	67.40 1.06 0.00	59.48 0.99 0.00	51.42 0.86 0.00	48.65 0.62 0.00
FORT_DRUM_COGEN 23780	53.17 -0.27 0.00	49.98 -0.35 0.00	48.24 -0.39 0.00	46.48 -0.09 0.00	50.10 -0.20 0.00	52.27 -0.05 0.00	66.04 0.78 0.00	89.68 0.80 0.00	73.17 0.87 0.00	57.26 -0.11 0.00	49.13 -0.60 0.00	44.50 -0.72 0.00	41.48 -0.98 0.00	40.49 -0.87 0.00	39.82 -0.73 0.00	41.36 -0.38 0.00	48.75 -0.10 0.00	56.65 0.45 0.00	65.42 1.03 0.00	76.00 1.71 0.00	67.53 1.19 0.00	59.36 0.88 0.00	51.27 0.71 0.00	48.46 0.43 0.00
FOX_HILLS___ESR 323835	56.27 2.83 0.00	52.65 2.32 0.00	50.72 2.09 0.00	48.34 1.77 0.00	52.17 1.86 0.00	54.52 2.20 0.00	67.22 1.96 0.00	92.79 3.91 0.00	74.98 2.68 0.00	60.42 3.04 0.00	52.76 3.03 0.00	48.16 2.94 0.00	45.26 2.80 0.00	44.12 2.77 0.00	43.27 2.72 0.00	44.54 2.80 0.00	52.32 3.47 0.00	60.35 4.16 0.00	67.47 3.15 0.08	77.93 3.64 0.00	69.59 3.38 0.13	62.34 3.86 0.00	53.75 3.19 0.00	50.76 2.74 0.00
FPL_FAR_ROCK_GT1 24212	57.14 3.68 -0.02	53.58 3.22 -0.02	51.55 2.92 0.00	49.09 2.51 0.00	53.02 2.71 0.00	55.67 3.35 0.00	69.44 4.18 0.00	94.66 5.77 0.00	77.44 5.13 0.00	61.58 4.19 -0.02	53.47 3.73 -0.02	48.77 3.53 -0.02	45.83 3.35 -0.02	44.72 3.35 -0.02	43.85 3.28 -0.02	45.09 3.34 -0.02	58.25 4.01 -5.39	65.77 5.00 -4.57	69.47 4.96 -0.12	80.03 5.72 -0.02	72.63 5.24 -1.05	63.12 4.62 -0.02	60.24 3.95 -5.74	51.40 3.36 -0.02
FPL_FAR_ROCK_GT2 23815	57.14 3.68 -0.02	53.58 3.22 -0.02	51.55 2.92 0.00	49.09 2.51 0.00	53.02 2.71 0.00	55.67 3.35 0.00	69.44 4.18 0.00	94.66 5.77 0.00	77.44 5.13 0.00	61.58 4.19 -0.02	53.47 3.73 -0.02	48.77 3.53 -0.02	45.83 3.35 -0.02	44.72 3.35 -0.02	43.85 3.28 -0.02	45.09 3.34 -0.02	58.25 4.01 -5.39	65.77 5.00 -4.57	69.47 4.96 -0.12	80.03 5.72 -0.02	72.63 5.24 -1.05	63.12 4.62 -0.02	60.24 3.95 -5.74	51.40 3.36 -0.02
FRANKLIN_FALL_HYD 24054	54.13 0.69 0.00	50.94 0.60 0.00	49.02 0.39 0.00	46.76 0.19 0.00	50.41 0.10 0.00	52.16 -0.16 0.00	65.26 0.00 0.00	89.41 0.53 0.00	73.39 1.08 0.00	57.90 0.52 0.00	50.27 0.55 0.00	45.72 0.50 0.00	42.75 0.30 0.00	41.77 0.41 0.00	40.84 0.28 0.00	42.07 0.33 0.00	48.60 -0.24 0.00	55.80 -0.39 0.00	64.45 0.06 0.00	74.44 0.15 0.00	66.54 0.20 0.00	58.83 0.35 0.00	50.81 0.25 0.00	48.12 0.10 0.00

FREEPORT_EQUS_GT1 23764	56.87 3.42 -0.01	53.32 2.97 -0.01	51.30 2.67 0.00	48.86 2.28 0.00	52.82 2.51 0.00	55.46 3.14 0.00	69.11 3.85 0.00	94.21 5.33 0.00	77.07 4.77 0.00	61.29 3.90 -0.01	53.32 3.58 -0.01	48.62 3.39 -0.01	45.69 3.23 -0.01	44.59 3.23 -0.01	43.73 3.17 -0.01	45.01 3.26 -0.01	56.59 3.67 -4.08	64.26 4.61 -3.46	68.98 4.51 -0.09	79.50 5.20 -0.01	71.91 4.78 -0.79	62.94 4.44 -0.01	58.70 3.79 -4.34	51.31 3.27 -0.01
FREEPORT___CT2 23818	56.87 3.42 -0.01	53.32 2.97 -0.01	51.30 2.67 0.00	48.86 2.28 0.00	52.82 2.51 0.00	55.46 3.14 0.00	69.11 3.85 0.00	94.21 5.33 0.00	77.07 4.77 0.00	61.29 3.90 -0.01	53.32 3.58 -0.01	48.62 3.39 -0.01	45.69 3.23 -0.01	44.59 3.23 -0.01	43.73 3.17 -0.01	45.01 3.26 -0.01	56.59 3.67 -4.08	64.26 4.61 -3.46	68.98 4.51 -0.09	79.50 5.20 -0.01	71.91 4.78 -0.79	62.94 4.44 -0.01	58.70 3.79 -4.34	51.31 3.27 -0.01
FRESHKLS_33_KV_LOAD 356253	56.38 2.94 0.00	52.75 2.42 0.00	50.86 2.24 0.00	48.48 1.91 0.00	52.32 2.01 0.00	54.36 2.04 0.00	67.15 1.89 0.00	92.79 3.91 0.00	74.91 2.60 0.00	60.53 3.16 0.00	52.96 3.23 0.00	48.29 3.07 0.00	45.34 2.89 0.00	44.25 2.89 0.00	43.31 2.76 0.00	44.66 2.92 0.00	52.46 3.61 0.00	60.47 4.27 0.00	67.34 3.03 0.08	77.86 3.57 0.00	69.46 3.25 0.13	62.63 4.15 0.00	53.90 3.34 0.00	50.91 2.88 0.00
FULTON COGEN____ 23766	52.37 -1.07 0.00	49.28 -1.06 0.00	47.61 -1.02 0.00	45.60 -0.98 0.00	49.35 -0.96 0.00	51.27 -1.05 0.00	64.02 -1.24 0.00	87.37 -1.51 0.00	71.07 -1.23 0.00	56.40 -0.98 0.00	48.93 -0.80 0.00	44.45 -0.77 0.00	41.78 -0.68 0.00	40.65 -0.70 0.00	39.78 -0.77 0.00	40.95 -0.79 0.00	47.97 -0.88 0.00	55.13 -1.07 0.00	63.17 -1.22 0.00	72.95 -1.34 0.00	65.08 -1.26 0.00	57.31 -1.17 0.00	49.60 -0.96 0.00	47.16 -0.86 0.00
FULTON___LFGE 323630	56.27 2.83 0.00	52.95 2.62 0.00	51.20 2.58 0.00	49.04 2.47 0.00	53.02 2.71 0.00	55.51 3.19 0.00	69.44 4.18 0.00	94.93 6.05 0.00	75.92 3.61 0.00	59.33 1.95 0.00	50.77 1.05 0.00	46.08 0.86 0.00	43.35 0.89 0.00	42.18 0.83 0.00	41.48 0.93 0.00	42.91 1.17 0.00	50.80 1.96 0.00	59.12 2.92 0.00	68.19 3.80 0.00	78.97 4.68 0.00	70.39 4.05 0.00	61.93 3.45 0.00	53.39 2.83 0.00	50.48 2.45 0.00
G.F.CEMENT___DRP 24184	54.67 1.23 0.00	51.59 1.26 0.00	49.89 1.26 0.00	47.88 1.30 0.00	51.66 1.36 0.00	54.05 1.73 0.00	67.54 2.28 0.00	92.17 3.29 0.00	74.26 1.95 0.00	58.58 1.20 0.00	50.32 0.60 0.00	45.63 0.41 0.00	42.84 0.38 0.00	41.64 0.29 0.00	40.88 0.32 0.00	42.32 0.58 0.00	49.92 1.07 0.00	57.83 1.63 0.00	66.19 1.80 0.00	76.59 2.30 0.00	68.20 1.86 0.00	60.06 1.58 0.00	51.88 1.31 0.00	50.00 1.97 0.00
GARDENVILLE___LBMP 24039	49.96 -3.47 0.00	46.66 -3.67 0.00	45.27 -3.36 0.00	43.36 -3.21 0.00	46.73 -3.57 0.00	48.19 -4.13 0.00	59.26 -6.00 0.00	80.35 -8.53 0.00	65.51 -6.80 0.00	51.17 -6.20 0.01	45.50 -4.23 0.00	41.38 -3.84 0.00	39.06 -3.40 0.00	37.80 -3.56 0.00	36.82 -3.73 0.00	37.48 -4.26 0.00	44.06 -4.79 0.00	49.95 -6.24 0.01	57.56 -6.83 0.00	66.64 -7.65 0.00	59.57 -6.77 0.00	52.28 -6.20 0.00	45.96 -4.60 0.00	44.86 -3.17 0.00
GARDNVLA_35_KV_LD 355827	50.39 -3.05 0.00	47.01 -3.32 0.00	45.61 -3.01 0.00	43.69 -2.89 0.00	47.09 -3.22 0.00	48.61 -3.71 0.00	59.78 -5.48 0.00	81.15 -7.73 0.00	66.09 -6.22 0.00	51.69 -5.68 0.01	45.95 -3.78 0.00	41.74 -3.48 0.00	39.40 -3.06 0.00	38.13 -3.23 0.00	37.14 -3.41 0.00	37.69 -4.05 0.00	44.31 -4.54 0.00	50.23 -5.96 0.01	57.89 -6.50 0.00	66.94 -7.35 0.00	59.91 -6.44 0.00	52.52 -5.97 0.00	46.16 -4.40 0.00	45.10 -2.93 0.00
GELCKHM___115KV_LOAD 80723	52.80 -0.64 0.00	49.63 -0.70 0.00	47.95 -0.68 0.00	45.92 -0.65 0.00	49.75 -0.55 0.00	51.64 -0.68 0.00	64.41 -0.85 0.00	87.99 -0.89 0.00	71.51 -0.80 0.00	56.81 -0.57 0.00	49.33 -0.40 0.00	44.86 -0.36 0.00	42.16 -0.30 0.00	41.02 -0.33 0.00	40.15 -0.41 0.00	41.28 -0.46 0.00	48.36 -0.49 0.00	55.52 -0.67 0.00	63.62 -0.77 0.00	73.40 -0.89 0.00	65.48 -0.86 0.00	57.66 -0.82 0.00	49.96 -0.61 0.00	47.55 -0.48 0.00
GENERAL___MILLS 23808	50.18 -3.26 0.00	46.86 -3.47 0.00	45.42 -3.21 0.00	43.55 -3.03 0.00	46.93 -3.37 0.00	48.40 -3.92 0.00	59.52 -5.74 0.00	80.70 -8.18 0.00	65.80 -6.51 0.00	51.40 -5.97 0.01	45.70 -4.03 0.00	41.51 -3.71 0.00	39.23 -3.23 0.00	37.92 -3.43 0.00	36.98 -3.57 0.00	37.61 -4.13 0.00	44.21 -4.64 0.00	50.12 -6.07 0.01	57.76 -6.63 0.00	66.79 -7.50 0.00	59.77 -6.57 0.00	52.40 -6.08 0.00	46.06 -4.50 0.00	45.00 -3.03 0.00
GE_PLASTICS___DRP 24183	54.02 0.59 0.00	51.04 0.70 0.00	49.36 0.73 0.00	47.32 0.75 0.00	51.01 0.70 0.00	53.16 0.84 0.00	66.37 1.11 0.00	90.30 1.42 0.00	73.24 0.94 0.00	58.18 0.80 0.00	50.22 0.50 0.00	45.67 0.45 0.00	42.92 0.47 0.00	41.81 0.45 0.00	41.04 0.49 0.00	42.32 0.58 0.00	49.63 0.78 0.00	57.32 1.12 0.00	65.36 0.97 0.00	75.33 1.04 0.00	67.27 0.93 0.00	59.36 0.88 0.00	51.32 0.76 0.00	48.65 0.62 0.00
GILBOA___1 23756	54.29 0.85 0.00	51.14 0.80 0.00	49.40 0.78 0.00	47.32 0.74 0.00	51.06 0.76 0.00	53.26 0.94 0.00	66.37 1.11 0.00	91.46 2.58 0.00	73.32 1.01 0.00	58.53 1.15 0.00	50.57 0.84 0.00	46.03 0.81 0.00	43.26 0.80 0.00	42.14 0.78 0.00	41.48 0.93 0.00	42.57 0.83 0.00	49.92 1.07 0.00	57.60 1.41 0.00	65.55 1.16 0.00	75.48 1.18 0.00	67.60 1.26 0.00	59.71 1.23 0.00	51.63 1.06 0.00	48.84 0.82 0.00
GILBOA___2 23757	54.29 0.85 0.00	51.14 0.80 0.00	49.40 0.78 0.00	47.32 0.74 0.00	51.06 0.76 0.00	53.26 0.94 0.00	66.37 1.11 0.00	91.46 2.58 0.00	73.32 1.01 0.00	58.53 1.15 0.00	50.57 0.84 0.00	46.03 0.81 0.00	43.26 0.80 0.00	42.14 0.78 0.00	41.48 0.93 0.00	42.57 0.83 0.00	49.92 1.07 0.00	57.60 1.41 0.00	65.55 1.16 0.00	75.48 1.18 0.00	67.60 1.26 0.00	59.71 1.23 0.00	51.63 1.06 0.00	48.84 0.82 0.00
GILBOA___3 23758	54.29 0.85 0.00	51.14 0.80 0.00	49.40 0.78 0.00	47.32 0.74 0.00	51.06 0.76 0.00	53.26 0.94 0.00	66.37 1.11 0.00	89.77 0.89 0.00	73.32 1.01 0.00	58.53 1.15 0.00	50.57 0.84 0.00	46.03 0.81 0.00	43.26 0.80 0.00	42.14 0.78 0.00	41.48 0.93 0.00	42.57 0.83 0.00	49.92 1.07 0.00	57.60 1.41 0.00	65.55 1.16 0.00	75.48 1.18 0.00	67.60 1.26 0.00	59.71 1.23 0.00	51.63 1.06 0.00	48.84 0.82 0.00
GILBOA___4 23759	54.29 0.85 0.00	51.14 0.80 0.00	49.40 0.78 0.00	47.32 0.74 0.00	51.06 0.76 0.00	53.26 0.94 0.00	66.37 1.11 0.00	89.77 0.89 0.00	73.32 1.01 0.00	58.53 1.15 0.00	50.57 0.84 0.00	46.03 0.81 0.00	43.26 0.80 0.00	42.14 0.78 0.00	41.48 0.93 0.00	42.57 0.83 0.00	49.92 1.07 0.00	57.60 1.41 0.00	65.55 1.16 0.00	75.48 1.18 0.00	67.60 1.26 0.00	59.71 1.23 0.00	51.63 1.06 0.00	48.84 0.82 0.00

GILBOA____ 23599	54.35 0.91 0.00	51.14 0.81 0.00	49.41 0.78 0.00	47.32 0.75 0.00	51.06 0.75 0.00	53.26 0.94 0.00	66.37 1.11 0.00	89.86 0.98 0.00	73.46 1.16 0.00	58.53 1.15 0.00	50.62 0.90 0.00	46.08 0.86 0.00	43.26 0.81 0.00	42.14 0.79 0.00	41.48 0.93 0.00	42.62 0.88 0.00	49.97 1.12 0.00	57.66 1.46 0.00	65.61 1.22 0.00	75.48 1.19 0.00	67.60 1.26 0.00	59.71 1.23 0.00	51.62 1.06 0.00	48.94 0.91 0.00
GINNA____ 23603	50.39 -3.04 0.00	47.17 -3.17 0.00	45.66 -2.97 0.00	43.78 -2.79 0.00	47.34 -2.97 0.00	49.08 -3.24 0.00	60.89 -4.37 0.00	83.37 -5.51 0.00	68.19 -4.12 0.00	53.82 -3.56 0.00	47.19 -2.53 0.00	42.82 -2.40 0.00	40.20 -2.25 0.00	39.04 -2.31 0.00	38.04 -2.51 0.00	39.07 -2.67 0.00	45.97 -2.88 0.00	52.37 -3.82 0.00	60.27 -4.12 0.00	69.39 -4.91 0.00	62.09 -4.25 0.00	54.45 -4.03 0.00	47.28 -3.29 0.00	45.24 -2.79 0.00
GLEN PARK____ 23778	53.28 -0.16 0.00	50.13 -0.20 0.00	48.39 -0.24 0.00	46.62 0.05 0.00	50.25 -0.05 0.00	52.43 0.10 0.00	66.30 1.04 0.00	90.03 1.15 0.00	73.46 1.15 0.00	57.44 0.06 0.00	49.23 -0.50 0.00	44.54 -0.68 0.00	41.52 -0.93 0.00	40.44 -0.91 0.00	39.74 -0.81 0.00	41.40 -0.34 0.00	48.75 -0.10 0.00	56.76 0.56 0.00	65.61 1.22 0.00	76.30 2.01 0.00	67.80 1.46 0.00	59.59 1.11 0.00	51.42 0.86 0.00	48.61 0.58 0.00
GLENDALE_27_KV_LOAD 356172	56.38 2.94 0.00	52.80 2.47 0.00	50.96 2.33 0.00	48.58 2.00 0.00	52.42 2.11 0.00	54.62 2.30 0.00	68.07 2.81 0.00	93.86 4.98 0.00	76.06 3.76 0.00	60.99 3.61 0.00	53.06 3.33 0.00	48.39 3.17 0.00	45.43 2.97 0.00	44.29 2.94 0.00	43.39 2.84 0.00	44.70 2.96 0.00	52.46 3.61 0.00	60.52 4.33 0.00	68.25 3.86 0.00	78.67 4.38 0.00	70.39 4.05 0.00	62.28 3.80 0.00	53.85 3.29 0.00	50.86 2.83 0.00
GLENWOOD_IC_1_G5 23712	56.55 3.10 -0.01	53.07 2.72 -0.01	51.16 2.53 0.00	48.76 2.19 0.00	52.67 2.36 0.00	55.04 2.72 0.00	68.33 3.07 0.00	93.59 4.71 0.00	75.85 3.54 0.00	61.24 3.84 -0.01	53.12 3.38 -0.01	48.40 3.17 -0.01	45.48 3.01 -0.01	44.35 2.98 -0.01	43.48 2.92 -0.01	44.80 3.05 -0.01	57.35 3.61 -4.89	64.44 4.10 -4.15	68.36 3.86 -0.11	78.76 4.46 -0.01	71.41 4.11 -0.95	62.12 3.63 -0.01	59.05 3.29 -5.20	50.97 2.93 -0.01
GLENWOOD_IC_2_G1 23688	56.11 2.67 0.00	52.60 2.27 0.00	50.72 2.09 0.00	48.34 1.77 0.00	52.22 1.91 0.00	54.68 2.36 0.00	68.20 2.94 0.00	93.50 4.62 0.00	76.06 3.76 0.00	60.65 3.27 0.00	52.66 2.93 0.00	47.98 2.76 0.00	45.13 2.68 0.00	44.00 2.65 0.00	43.15 2.60 0.00	44.41 2.67 0.00	52.29 3.22 -0.22	60.32 3.93 -0.19	68.06 3.67 -0.01	78.52 4.23 0.00	70.30 3.91 -0.04	61.93 3.45 0.00	53.83 3.03 -0.24	50.57 2.54 0.00
GLENWOOD_IC_3_G1 23689	56.11 2.67 0.00	52.60 2.27 0.00	50.72 2.09 0.00	48.34 1.77 0.00	52.22 1.91 0.00	54.68 2.36 0.00	68.20 2.94 0.00	93.50 4.62 0.00	76.06 3.76 0.00	60.65 3.27 0.00	52.66 2.93 0.00	47.98 2.76 0.00	45.13 2.68 0.00	44.00 2.65 0.00	43.15 2.60 0.00	44.41 2.67 0.00	52.29 3.22 -0.22	60.32 3.93 -0.19	68.06 3.67 -0.01	78.52 4.23 0.00	70.30 3.91 -0.04	61.93 3.45 0.00	53.83 3.03 -0.24	50.57 2.54 0.00
GLENWOOD___4 23550	56.55 3.10 -0.01	53.07 2.72 -0.01	51.16 2.53 0.00	48.76 2.19 0.00	52.67 2.36 0.00	55.04 2.72 0.00	68.46 3.20 0.00	93.77 4.89 0.00	76.06 3.76 0.00	61.24 3.84 -0.01	53.12 3.38 -0.01	48.40 3.17 -0.01	45.48 3.01 -0.01	44.35 2.98 -0.01	43.48 2.92 -0.01	44.80 3.05 -0.01	57.35 3.61 -4.89	64.56 4.21 -4.15	68.49 3.99 -0.11	78.91 4.61 -0.01	71.54 4.25 -0.95	62.30 3.80 -0.01	59.10 3.34 -5.20	50.97 2.93 -0.01
GLENWOOD___5 23614	56.55 3.10 -0.01	53.07 2.72 -0.01	51.16 2.53 0.00	48.76 2.19 0.00	52.67 2.36 0.00	55.04 2.72 0.00	68.46 3.20 0.00	93.77 4.89 0.00	76.06 3.76 0.00	61.24 3.84 -0.01	53.12 3.38 -0.01	48.40 3.17 -0.01	45.48 3.01 -0.01	44.35 2.98 -0.01	43.48 2.92 -0.01	44.80 3.05 -0.01	57.35 3.61 -4.89	64.56 4.21 -4.15	68.49 3.99 -0.11	78.91 4.61 -0.01	71.54 4.25 -0.95	62.30 3.80 -0.01	59.10 3.34 -5.20	50.97 2.93 -0.01
GLOBAL GREEN_PORT_GT1 23814	58.95 5.51 -0.01	55.18 4.83 -0.01	53.10 4.47 0.00	50.49 3.91 0.00	54.63 4.33 0.00	57.45 5.13 0.00	71.85 6.59 0.00	96.97 8.09 0.00	80.12 7.81 0.00	63.30 5.91 -0.01	55.85 6.11 -0.01	50.79 5.56 -0.01	47.60 5.14 -0.01	46.32 4.96 -0.01	45.38 4.82 -0.01	46.84 5.09 -0.01	58.60 6.45 -3.31	67.10 8.09 -2.81	72.83 8.37 -0.07	83.36 9.06 -0.01	75.67 8.69 -0.64	66.50 8.01 -0.01	60.90 6.82 -3.52	53.99 5.95 -0.01
GLOBE___DSASP 323697	49.00 -4.44 0.00	46.01 -4.33 0.00	44.74 -3.89 0.00	42.85 -3.73 0.00	46.08 -4.23 0.00	46.77 -5.55 0.00	57.10 -8.16 0.00	77.33 -11.55 0.00	63.12 -9.18 0.00	49.28 -8.09 0.01	43.96 -5.77 0.00	40.06 -5.16 0.00	37.87 -4.59 0.00	36.64 -4.71 0.00	35.69 -4.87 0.00	36.27 -5.47 0.00	42.60 -6.25 0.00	48.15 -8.04 0.01	55.31 -9.08 0.00	63.97 -10.33 0.00	57.25 -9.09 0.00	50.24 -8.25 0.00	44.34 -6.22 0.00	43.42 -4.61 0.00
GOETHSLN___LBMP 323567	55.67 2.24 0.01	52.19 1.86 0.01	50.32 1.70 0.01	48.01 1.44 0.01	51.86 1.56 0.01	54.14 1.83 0.01	67.67 2.41 0.01	93.23 4.36 0.01	75.48 3.18 0.01	60.41 3.04 0.01	52.45 2.73 0.01	47.79 2.58 0.01	44.87 2.42 0.01	43.74 2.40 0.01	42.85 2.31 0.01	44.19 2.46 0.01	51.82 2.98 0.01	59.78 3.60 0.01	67.53 3.22 0.08	78.00 3.71 0.01	69.58 3.38 0.14	61.64 3.16 0.00	53.23 2.68 0.01	50.23 2.21 0.01
GOLAH___69_KV_TB 1_2 80279	51.99 -1.44 0.00	48.62 -1.71 0.00	47.07 -1.56 0.00	45.13 -1.44 0.00	48.80 -1.51 0.00	50.54 -1.78 0.00	62.45 -2.81 0.00	85.15 -3.73 0.00	69.56 -2.75 0.00	54.68 -2.70 0.01	47.98 -1.74 0.00	43.59 -1.63 0.00	40.93 -1.53 0.00	39.70 -1.65 0.00	38.73 -1.82 0.00	39.61 -2.13 0.00	46.60 -2.25 0.00	53.16 -3.03 0.00	61.23 -3.16 0.00	70.80 -3.49 0.00	63.36 -2.99 0.00	55.62 -2.87 0.00	48.49 -2.07 0.00	46.68 -1.34 0.00
GOODYEAR_LAKE_HYD 323669	55.09 1.66 0.00	51.79 1.46 0.00	50.04 1.41 0.00	47.93 1.35 0.00	51.76 1.46 0.00	53.99 1.67 0.00	67.61 2.35 0.00	92.17 3.29 0.00	74.98 2.68 0.00	59.39 2.01 0.00	51.27 1.54 0.00	46.58 1.36 0.00	43.73 1.27 0.00	42.59 1.24 0.00	41.81 1.26 0.00	43.03 1.29 0.00	50.66 1.81 0.00	58.50 2.30 0.00	66.84 2.45 0.00	77.04 2.75 0.00	68.80 2.45 0.00	60.59 2.11 0.00	52.38 1.82 0.00	49.66 1.63 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	53.38 -0.05 0.00	50.08 -0.25 0.00	48.43 -0.19 0.00	46.39 -0.19 0.00	50.20 -0.10 0.00	52.11 -0.21 0.00	65.06 -0.20 0.00	88.44 -0.44 0.00	71.87 -0.43 0.00	56.92 -0.46 0.00	49.53 -0.20 0.00	44.99 -0.23 0.00	42.29 -0.17 0.00	41.15 -0.21 0.00	40.23 -0.32 0.00	41.45 -0.29 0.00	48.65 -0.20 0.00	55.91 -0.28 0.00	64.00 -0.39 0.00	73.92 -0.37 0.00	65.94 -0.40 0.00	58.07 -0.41 0.00	50.36 -0.20 0.00	48.08 0.05 0.00

GOWANUS_GT4_5 24134	56.32 2.89 0.00	52.75 2.42 0.00	50.86 2.24 0.00	48.48 1.91 0.00	52.32 2.01 0.00	54.41 2.09 0.00	67.54 2.28 0.00	93.24 4.36 0.00	75.49 3.18 0.00	60.76 3.39 0.00	52.96 3.23 0.00	48.29 3.07 0.00	45.34 2.89 0.00	44.21 2.85 0.00	43.31 2.76 0.00	44.62 2.88 0.00	52.37 3.52 0.00	60.47 4.27 0.00	67.80 3.41 0.00	78.30 4.01 0.00	69.99 3.65 0.00	62.40 3.92 0.00	53.80 3.24 0.00	50.81 2.79 0.00
GOWANUS_GT4_6 24135	56.32 2.89 0.00	52.75 2.42 0.00	50.86 2.24 0.00	48.48 1.91 0.00	52.32 2.01 0.00	54.41 2.09 0.00	67.54 2.28 0.00	93.24 4.36 0.00	75.49 3.18 0.00	60.76 3.39 0.00	52.96 3.23 0.00	48.29 3.07 0.00	45.34 2.89 0.00	44.21 2.85 0.00	43.31 2.76 0.00	44.62 2.88 0.00	52.37 3.52 0.00	60.47 4.27 0.00	67.80 3.41 0.00	78.30 4.01 0.00	69.99 3.65 0.00	62.40 3.92 0.00	53.80 3.24 0.00	50.81 2.79 0.00
GOWANUS_GT4_7 24136	56.32 2.89 0.00	52.75 2.42 0.00	50.86 2.24 0.00	48.48 1.91 0.00	52.32 2.01 0.00	54.41 2.09 0.00	67.54 2.28 0.00	93.24 4.36 0.00	75.49 3.18 0.00	60.76 3.39 0.00	52.96 3.23 0.00	48.29 3.07 0.00	45.34 2.89 0.00	44.21 2.85 0.00	43.31 2.76 0.00	44.62 2.88 0.00	52.37 3.52 0.00	60.47 4.27 0.00	67.80 3.41 0.00	78.30 4.01 0.00	69.99 3.65 0.00	62.40 3.92 0.00	53.80 3.24 0.00	50.81 2.79 0.00
GOWANUS_GT4_8 24137	56.32 2.89 0.00	52.75 2.42 0.00	50.86 2.24 0.00	48.48 1.91 0.00	52.32 2.01 0.00	54.41 2.09 0.00	67.54 2.28 0.00	93.24 4.36 0.00	75.49 3.18 0.00	60.76 3.39 0.00	52.96 3.23 0.00	48.29 3.07 0.00	45.34 2.89 0.00	44.21 2.85 0.00	43.31 2.76 0.00	44.62 2.88 0.00	52.37 3.52 0.00	60.47 4.27 0.00	67.80 3.41 0.00	78.30 4.01 0.00	69.99 3.65 0.00	62.40 3.92 0.00	53.80 3.24 0.00	50.81 2.79 0.00
GREATVRV_69_KV_BK1 356245	57.99 4.54 -0.01	54.32 3.98 -0.01	52.37 3.74 0.00	49.84 3.26 0.00	53.88 3.57 0.00	56.40 4.08 0.00	70.42 5.16 0.00	95.72 6.84 0.00	77.73 5.42 0.00	62.49 5.11 -0.01	54.56 4.82 -0.01	49.66 4.43 -0.01	46.58 4.12 -0.01	45.42 4.05 -0.01	44.53 3.97 -0.01	45.96 4.22 -0.01	57.35 5.13 -3.37	65.40 6.35 -2.86	70.90 6.44 -0.07	81.58 7.28 -0.01	73.83 6.83 -0.65	64.57 6.08 -0.01	59.36 5.21 -3.59	52.60 4.56 -0.01
GREENBSH_115KV_TB3 55895	53.81 0.37 0.00	50.89 0.55 0.00	49.26 0.63 0.00	47.23 0.65 0.00	50.86 0.55 0.00	53.05 0.73 0.00	66.24 0.98 0.00	90.13 1.24 0.00	73.10 0.80 0.00	58.07 0.69 0.00	50.02 0.30 0.00	45.49 0.27 0.00	42.75 0.30 0.00	41.64 0.29 0.00	40.92 0.36 0.00	42.20 0.46 0.00	49.48 0.64 0.00	57.15 0.96 0.00	65.16 0.77 0.00	75.11 0.82 0.00	67.00 0.66 0.00	59.13 0.64 0.00	51.17 0.61 0.00	48.46 0.43 0.00
GREENDGE_115KV_TB5 80291	52.58 -0.85 0.00	49.18 -1.16 0.00	47.70 -0.92 0.00	45.69 -0.88 0.00	49.50 -0.80 0.00	51.33 -0.99 0.00	63.24 -2.02 0.00	86.39 -2.49 0.00	70.13 -2.17 0.00	55.46 -1.89 0.02	48.78 -0.94 0.00	44.36 -0.86 0.00	41.69 -0.76 0.00	40.49 -0.87 0.00	39.50 -1.05 0.00	40.45 -1.29 0.00	47.48 -1.37 0.00	54.23 -1.97 0.00	61.94 -2.45 0.00	71.62 -2.67 0.00	63.89 -2.45 0.00	56.84 -1.64 0.00	49.40 -1.16 0.00	47.50 -0.53 0.00
GREENIDGE___3 23582	52.58 -0.85 0.00	49.18 -1.16 0.00	47.70 -0.92 0.00	45.69 -0.88 0.00	49.50 -0.80 0.00	51.33 -0.99 0.00	63.24 -2.02 0.00	86.39 -2.49 0.00	70.13 -2.17 0.00	55.46 -1.89 0.02	48.78 -0.94 0.00	44.36 -0.86 0.00	41.69 -0.76 0.00	40.49 -0.87 0.00	39.50 -1.05 0.00	40.45 -1.29 0.00	47.48 -1.37 0.00	54.23 -1.97 0.00	61.94 -2.45 0.00	71.62 -2.67 0.00	63.89 -2.45 0.00	56.84 -1.64 0.00	49.40 -1.16 0.00	47.50 -0.53 0.00
GREENIDGE___4 23583	52.64 -0.80 0.00	49.28 -1.06 0.00	47.80 -0.83 0.00	45.78 -0.79 0.00	49.55 -0.75 0.00	51.43 -0.89 0.00	63.30 -1.96 0.00	86.57 -2.31 0.00	70.28 -2.02 0.00	55.75 -1.61 0.02	48.93 -0.80 0.00	44.45 -0.77 0.00	41.73 -0.72 0.00	40.53 -0.83 0.00	39.54 -1.01 0.00	40.49 -1.25 0.00	47.53 -1.32 0.00	54.12 -2.08 0.00	62.01 -2.38 0.00	71.69 -2.60 0.00	64.02 -2.32 0.00	56.84 -1.64 0.00	49.45 -1.11 0.00	47.50 -0.53 0.00
GREENLWN_69_KV_BK 3 55738	56.81 3.37 -0.01	53.31 2.97 -0.01	51.45 2.82 0.00	48.95 2.38 0.00	52.92 2.62 0.00	55.35 3.03 0.00	68.78 3.52 0.00	93.77 4.89 0.00	76.21 3.90 0.00	61.23 3.84 -0.01	53.41 3.68 -0.01	48.67 3.44 -0.01	45.69 3.23 -0.01	44.59 3.23 -0.01	43.68 3.12 -0.01	45.00 3.26 -0.01	56.11 3.91 -3.35	63.76 4.72 -2.85	68.97 4.51 -0.07	79.43 5.13 -0.01	71.83 4.84 -0.65	62.82 4.33 -0.01	57.92 3.79 -3.57	51.35 3.31 -0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	56.32 2.89 0.00	52.75 2.42 0.00	50.86 2.24 0.00	48.48 1.91 0.00	52.32 2.01 0.00	54.41 2.09 0.00	67.54 2.28 0.00	93.24 4.36 0.00	75.49 3.18 0.00	60.76 3.39 0.00	52.96 3.23 0.00	48.29 3.07 0.00	45.34 2.89 0.00	44.21 2.85 0.00	43.31 2.76 0.00	44.62 2.88 0.00	52.37 3.52 0.00	60.47 4.27 0.00	67.80 3.41 0.00	78.30 4.01 0.00	69.99 3.65 0.00	62.40 3.92 0.00	53.80 3.24 0.00	50.81 2.79 0.00
GRISSOM___SOLAR 323813	56.11 2.67 0.00	52.80 2.47 0.00	51.06 2.43 0.00	48.95 2.37 0.00	52.87 2.56 0.00	55.30 2.98 0.00	69.24 3.98 0.00	94.57 5.69 0.00	75.63 3.33 0.00	59.16 1.78 0.00	50.62 0.90 0.00	45.94 0.72 0.00	43.22 0.77 0.00	42.06 0.70 0.00	41.36 0.81 0.00	42.74 1.00 0.00	50.56 1.71 0.00	58.89 2.70 0.00	67.99 3.60 0.00	78.67 4.38 0.00	70.12 3.78 0.00	61.70 3.21 0.00	53.24 2.68 0.00	50.33 2.31 0.00
GROVEVILLE___HYD 323602	55.90 2.46 0.00	52.50 2.16 0.00	50.72 2.09 0.00	48.44 1.86 0.00	52.27 1.96 0.00	54.62 2.30 0.00	68.26 3.00 0.00	93.95 5.07 0.00	75.85 3.54 0.00	60.48 3.10 0.00	52.26 2.54 0.00	47.57 2.35 0.00	44.71 2.25 0.00	43.55 2.19 0.00	42.70 2.15 0.00	44.03 2.30 0.00	51.63 2.78 0.00	59.79 3.60 0.00	67.87 3.48 0.00	78.38 4.09 0.00	70.12 3.78 0.00	61.76 3.27 0.00	53.39 2.83 0.00	50.38 2.35 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	53.22 -0.21 0.00	49.98 -0.35 0.00	48.29 -0.34 0.00	46.25 -0.33 0.00	50.10 -0.20 0.00	52.06 -0.26 0.00	64.93 -0.33 0.00	88.70 -0.18 0.00	72.16 -0.14 0.00	57.26 -0.11 0.00	49.72 0.00 0.00	45.22 0.00 0.00	42.46 0.00 0.00	41.31 -0.04 0.00	40.43 -0.12 0.00	41.57 -0.17 0.00	48.70 -0.15 0.00	55.91 -0.28 0.00	64.07 -0.32 0.00	73.99 -0.30 0.00	66.01 -0.33 0.00	58.13 -0.35 0.00	50.31 -0.25 0.00	47.93 -0.10 0.00
HAMLTNNY_34_KV_TB 80303	53.28 -0.16 0.00	50.08 -0.25 0.00	48.38 -0.24 0.00	46.34 -0.23 0.00	50.20 -0.10 0.00	52.16 -0.16 0.00	65.00 -0.26 0.00	88.79 -0.09 0.00	72.23 -0.07 0.00	57.26 -0.11 0.00	49.77 0.05 0.00	45.22 0.00 0.00	42.46 0.00 0.00	41.31 -0.04 0.00	40.39 -0.16 0.00	41.53 -0.21 0.00	48.70 -0.15 0.00	55.91 -0.28 0.00	64.13 -0.26 0.00	73.99 -0.30 0.00	66.01 -0.33 0.00	58.13 -0.35 0.00	50.36 -0.20 0.00	47.98 -0.05 0.00

HAMPSHIRE___PAPER_HYD 323593	52.37 -1.07 0.00	49.33 -1.01 0.00	47.56 -1.07 0.00	45.64 -0.93 0.00	49.00 -1.31 0.00	50.80 -1.52 0.00	63.69 -1.57 0.00	86.03 -2.85 0.00	69.92 -2.38 0.00	54.91 -2.47 0.00	47.39 -2.34 0.00	43.10 -2.12 0.00	40.38 -2.08 0.00	39.45 -1.90 0.00	38.73 -1.82 0.00	40.20 -1.54 0.00	47.38 -1.46 0.00	54.79 -1.40 0.00	63.10 -1.29 0.00	73.10 -1.19 0.00	65.08 -1.26 0.00	57.72 -0.76 0.00	49.96 -0.60 0.00	47.26 -0.77 0.00
HARDSCRABBLE_WT_PWR 323673	53.01 -0.43 0.00	50.03 -0.30 0.00	48.39 -0.24 0.00	46.39 -0.19 0.00	50.05 -0.25 0.00	52.11 -0.21 0.00	65.13 -0.13 0.00	88.70 -0.18 0.00	72.16 -0.14 0.00	57.26 -0.11 0.00	49.58 -0.15 0.00	45.08 -0.14 0.00	42.33 -0.13 0.00	41.19 -0.16 0.00	40.39 -0.16 0.00	41.61 -0.12 0.00	48.85 0.00 0.00	56.25 0.06 0.00	64.33 -0.06 0.00	74.22 -0.07 0.00	66.21 -0.13 0.00	58.37 -0.12 0.00	50.41 -0.15 0.00	47.79 -0.24 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	55.41 1.98 0.00	52.05 1.71 0.00	50.23 1.60 0.00	47.97 1.40 0.00	51.76 1.46 0.00	54.05 1.73 0.00	67.67 2.41 0.00	93.06 4.18 0.00	75.27 2.96 0.00	60.08 2.70 0.00	52.01 2.29 0.00	47.35 2.13 0.00	44.54 2.08 0.00	43.42 2.07 0.00	42.54 1.99 0.00	43.87 2.13 0.00	51.39 2.54 0.00	59.45 3.26 0.00	67.42 3.03 0.00	77.86 3.57 0.00	69.59 3.25 0.00	61.35 2.87 0.00	52.99 2.43 0.00	50.04 2.02 0.00
HARSNRAD_115KV_TB1 81005	49.11 -4.33 0.00	45.81 -4.53 0.00	44.49 -4.13 0.00	42.66 -3.91 0.00	45.93 -4.38 0.00	47.25 -5.08 0.00	57.82 -7.44 0.00	78.39 -10.49 0.00	63.99 -8.31 0.00	49.97 -7.40 0.01	44.45 -5.27 0.00	40.43 -4.79 0.00	38.21 -4.25 0.00	36.97 -4.38 0.00	36.01 -4.54 0.00	36.65 -5.09 0.00	43.08 -5.76 0.00	48.77 -7.42 0.01	56.15 -8.24 0.00	64.93 -9.36 0.00	58.11 -8.23 0.00	50.94 -7.54 0.00	45.05 -5.51 0.00	44.04 -3.99 0.00
HARZA MOOSE___RIVER 24016	53.22 -0.21 0.00	50.03 -0.30 0.00	48.34 -0.29 0.00	46.48 -0.09 0.00	50.15 -0.15 0.00	52.32 0.00 0.00	65.72 0.46 0.00	89.15 0.27 0.00	72.16 -0.14 0.00	56.92 -0.46 0.00	49.08 -0.65 0.00	44.63 -0.59 0.00	41.82 -0.64 0.00	40.82 -0.54 0.00	40.15 -0.41 0.00	41.57 -0.17 0.00	49.00 0.15 0.00	56.65 0.45 0.00	65.10 0.71 0.00	75.33 1.04 0.00	67.14 0.80 0.00	59.13 0.64 0.00	51.07 0.51 0.00	48.32 0.29 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	52.85 -0.59 0.00	49.68 -0.65 0.00	48.00 -0.63 0.00	45.97 -0.61 0.00	49.80 -0.50 0.00	51.69 -0.63 0.00	64.54 -0.72 0.00	88.08 -0.80 0.00	71.65 -0.65 0.00	56.92 -0.46 0.00	49.48 -0.25 0.00	44.99 -0.23 0.00	42.24 -0.21 0.00	41.11 -0.25 0.00	40.23 -0.32 0.00	41.36 -0.38 0.00	48.46 -0.39 0.00	55.58 -0.62 0.00	63.68 -0.71 0.00	73.47 -0.82 0.00	65.54 -0.80 0.00	57.72 -0.76 0.00	50.01 -0.56 0.00	47.60 -0.43 0.00
HELLGATE_13_KV_LD 55870	56.54 3.10 0.00	52.95 2.62 0.00	51.06 2.43 0.00	48.67 2.10 0.00	52.52 2.21 0.00	54.73 2.41 0.00	68.13 2.87 0.00	93.95 5.07 0.00	76.14 3.83 0.00	61.11 3.73 0.00	53.16 3.43 0.00	48.48 3.26 0.00	45.47 3.01 0.00	44.37 3.02 0.00	43.43 2.88 0.00	44.79 3.05 0.00	52.51 3.66 0.00	60.52 4.33 0.00	68.19 3.80 0.00	78.67 4.38 0.00	70.32 3.98 0.00	62.28 3.80 0.00	53.85 3.29 0.00	50.96 2.93 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	56.54 3.10 0.00	52.95 2.62 0.00	51.06 2.43 0.00	48.67 2.10 0.00	52.52 2.21 0.00	54.73 2.41 0.00	68.13 2.87 0.00	93.95 5.07 0.00	76.14 3.83 0.00	61.11 3.73 0.00	53.16 3.43 0.00	48.48 3.26 0.00	45.47 3.01 0.00	44.37 3.02 0.00	43.43 2.88 0.00	44.79 3.05 0.00	52.51 3.66 0.00	60.52 4.33 0.00	68.19 3.80 0.00	78.67 4.38 0.00	70.32 3.98 0.00	62.28 3.80 0.00	53.85 3.29 0.00	50.96 2.93 0.00
HEMPSTEAD___ 23647	56.66 3.21 -0.01	53.11 2.77 -0.01	51.15 2.53 0.00	48.72 2.14 0.00	52.67 2.36 0.00	55.25 2.93 0.00	68.78 3.52 0.00	93.94 5.06 0.00	76.72 4.41 0.00	61.12 3.73 -0.01	53.17 3.43 -0.01	48.49 3.26 -0.01	45.57 3.10 -0.01	44.47 3.10 -0.01	43.61 3.04 -0.01	44.88 3.13 -0.01	56.93 3.67 -0.01	64.38 4.44 -0.01	68.80 4.31 -0.10	79.21 4.90 -0.01	71.71 4.51 -0.86	62.59 4.09 -0.01	58.80 3.54 -0.70	51.07 3.03 -0.01
HICKLING___1 23621	52.37 -1.07 0.00	48.98 -1.36 0.00	47.41 -1.22 0.00	45.41 -1.16 0.00	49.25 -1.06 0.00	51.01 -1.31 0.00	63.43 -1.83 0.00	86.66 -2.22 0.00	70.28 -2.02 0.00	55.40 -1.95 0.02	48.53 -1.19 0.00	44.13 -1.09 0.00	41.52 -0.93 0.00	40.32 -1.03 0.00	39.33 -1.22 0.00	40.07 -1.67 0.00	47.09 -1.76 0.00	53.89 -2.30 0.00	61.94 -2.45 0.00	71.62 -2.67 0.00	63.89 -2.45 0.00	56.26 -2.22 0.00	48.99 -1.57 0.00	47.21 -0.82 0.00
HICKLING___2 23622	52.37 -1.07 0.00	48.98 -1.36 0.00	47.41 -1.22 0.00	45.41 -1.16 0.00	49.25 -1.06 0.00	51.01 -1.31 0.00	63.43 -1.83 0.00	86.66 -2.22 0.00	70.28 -2.02 0.00	55.40 -1.95 0.02	48.53 -1.19 0.00	44.13 -1.09 0.00	41.52 -0.93 0.00	40.32 -1.03 0.00	39.33 -1.22 0.00	40.07 -1.67 0.00	47.09 -1.76 0.00	53.89 -2.30 0.00	61.94 -2.45 0.00	71.62 -2.67 0.00	63.89 -2.45 0.00	56.26 -2.22 0.00	48.99 -1.57 0.00	47.21 -0.82 0.00
HIGH FALLS___HY 23754	56.00 2.56 0.00	52.55 2.21 0.00	50.72 2.09 0.00	48.39 1.82 0.00	52.32 2.01 0.00	54.62 2.30 0.00	68.39 3.13 0.00	94.13 5.24 0.00	76.06 3.76 0.00	60.53 3.16 0.00	52.31 2.59 0.00	47.57 2.35 0.00	44.66 2.21 0.00	43.55 2.19 0.00	42.74 2.19 0.00	44.08 2.34 0.00	51.68 2.83 0.00	59.90 3.71 0.00	68.12 3.73 0.00	78.67 4.38 0.00	70.45 4.11 0.00	62.05 3.57 0.00	53.55 2.98 0.00	50.52 2.50 0.00
HIGH_RIVER___SOLAR 323847	55.10 1.66 0.00	51.90 1.56 0.00	50.14 1.51 0.00	48.07 1.49 0.00	51.91 1.61 0.00	54.20 1.88 0.00	67.74 2.48 0.00	92.26 3.38 0.00	74.26 1.95 0.00	58.41 1.03 0.00	50.08 0.35 0.00	45.54 0.32 0.00	42.88 0.42 0.00	41.77 0.41 0.00	41.08 0.53 0.00	42.49 0.75 0.00	50.07 1.22 0.00	57.99 1.80 0.00	66.58 2.19 0.00	76.96 2.67 0.00	68.66 2.32 0.00	60.53 2.05 0.00	52.28 1.72 0.00	49.47 1.44 0.00
HILLBURN___GT 23639	55.25 1.82 0.00	51.84 1.51 0.00	49.99 1.36 0.00	47.74 1.16 0.00	51.56 1.26 0.00	53.89 1.57 0.00	67.41 2.15 0.00	92.70 3.82 0.00	75.05 2.75 0.00	59.84 2.47 0.00	51.86 2.14 0.00	47.30 2.08 0.00	44.45 2.00 0.00	43.38 2.03 0.00	42.54 1.99 0.00	43.78 2.04 0.00	51.29 2.44 0.00	59.28 3.09 0.00	67.22 2.83 0.00	77.56 3.27 0.00	69.33 2.99 0.00	61.12 2.63 0.00	52.84 2.28 0.00	49.85 1.82 0.00
HILLSIDE_115KV_TB1 80332	51.78 -1.66 0.00	48.42 -1.91 0.00	46.88 -1.75 0.00	44.90 -1.68 0.00	48.59 -1.71 0.00	50.44 -1.88 0.00	62.71 -2.55 0.00	85.59 -3.29 0.00	69.48 -2.82 0.00	54.83 -2.52 0.02	47.98 -1.74 0.00	43.64 -1.58 0.00	41.06 -1.40 0.00	39.87 -1.49 0.00	38.97 -1.58 0.00	39.69 -2.05 0.00	46.60 -2.25 0.00	53.38 -2.81 0.00	61.23 -3.16 0.00	70.80 -3.49 0.00	63.22 -3.12 0.00	55.67 -2.81 0.00	48.44 -2.12 0.00	46.59 -1.44 0.00

HISHELDN_WT_PWR 323625	50.34 -3.10 0.00	46.96 -3.37 0.00	45.71 -2.92 0.00	43.59 -2.98 0.00	46.98 -3.32 0.00	48.61 -3.71 0.00	59.91 -5.35 0.00	81.42 -7.47 0.00	66.30 -6.00 0.00	51.75 -5.62 0.01	46.05 -3.68 0.00	41.74 -3.48 0.00	39.19 -3.27 0.00	37.96 -3.39 0.00	37.02 -3.53 0.00	37.77 -3.97 0.00	44.45 -4.40 0.00	50.40 -5.79 0.01	58.33 -6.06 0.00	67.38 -6.91 0.00	60.37 -5.97 0.00	52.98 -5.50 0.00	46.47 -4.09 0.00	45.24 -2.79 0.00
HOLTSVILLE_IC_1 23690	57.30 3.85 -0.01	53.67 3.32 -0.01	51.64 3.02 0.00	49.14 2.56 0.00	53.12 2.82 0.00	55.83 3.51 0.00	69.57 4.31 0.00	94.39 5.51 0.00	77.58 5.28 0.00	61.52 4.13 -0.01	53.96 4.22 -0.01	49.16 3.93 -0.01	46.16 3.69 -0.01	45.00 3.64 -0.01	44.13 3.57 -0.01	45.46 3.71 -0.01	56.74 4.59 -3.30	64.67 5.67 -2.80	70.06 5.60 -0.07	80.46 6.16 -0.01	72.82 5.84 -0.64	63.87 5.38 -0.01	58.73 4.65 -3.52	52.02 3.98 -0.01
HOLTSVILLE_IC_10 23699	57.62 4.17 -0.01	53.92 3.57 -0.01	51.89 3.26 0.00	49.32 2.75 0.00	53.37 3.07 0.00	56.09 3.77 0.00	69.96 4.70 0.00	94.84 5.96 0.00	78.01 5.71 0.00	61.87 4.48 -0.01	54.31 4.57 -0.01	49.43 4.21 -0.01	46.41 3.95 -0.01	45.25 3.89 -0.01	44.37 3.81 -0.01	45.72 3.97 -0.01	57.10 4.93 -3.32	65.08 6.07 -2.82	70.51 6.05 -0.07	80.99 6.69 -0.01	73.35 6.37 -0.64	64.28 5.79 -0.01	59.10 5.01 -3.53	52.36 4.32 -0.01
HOLTSVILLE_IC_2 23691	57.30 3.85 -0.01	53.67 3.32 -0.01	51.64 3.02 0.00	49.14 2.56 0.00	53.12 2.82 0.00	55.83 3.51 0.00	69.57 4.31 0.00	94.39 5.51 0.00	77.58 5.28 0.00	61.52 4.13 -0.01	53.96 4.22 -0.01	49.16 3.93 -0.01	46.16 3.69 -0.01	45.00 3.64 -0.01	44.13 3.57 -0.01	45.46 3.71 -0.01	56.74 4.59 -3.30	64.67 5.67 -2.80	70.06 5.60 -0.07	80.46 6.16 -0.01	72.82 5.84 -0.64	63.87 5.38 -0.01	58.73 4.65 -3.52	52.02 3.98 -0.01
HOLTSVILLE_IC_3 23692	57.30 3.85 -0.01	53.67 3.32 -0.01	51.64 3.02 0.00	49.14 2.56 0.00	53.12 2.82 0.00	55.83 3.51 0.00	69.57 4.31 0.00	94.39 5.51 0.00	77.58 5.28 0.00	61.52 4.13 -0.01	53.96 4.22 -0.01	49.16 3.93 -0.01	46.16 3.69 -0.01	45.00 3.64 -0.01	44.13 3.57 -0.01	45.46 3.71 -0.01	56.74 4.59 -3.30	64.67 5.67 -2.80	70.06 5.60 -0.07	80.46 6.16 -0.01	72.82 5.84 -0.64	63.87 5.38 -0.01	58.73 4.65 -3.52	52.02 3.98 -0.01
HOLTSVILLE_IC_4 23693	57.30 3.85 -0.01	53.67 3.32 -0.01	51.64 3.02 0.00	49.14 2.56 0.00	53.12 2.82 0.00	55.83 3.51 0.00	69.57 4.31 0.00	94.39 5.51 0.00	77.58 5.28 0.00	61.52 4.13 -0.01	53.96 4.22 -0.01	49.16 3.93 -0.01	46.16 3.69 -0.01	45.00 3.64 -0.01	44.13 3.57 -0.01	45.46 3.71 -0.01	56.74 4.59 -3.30	64.67 5.67 -2.80	70.06 5.60 -0.07	80.46 6.16 -0.01	72.82 5.84 -0.64	63.87 5.38 -0.01	58.73 4.65 -3.52	52.02 3.98 -0.01
HOLTSVILLE_IC_5 23694	57.30 3.85 -0.01	53.67 3.32 -0.01	51.64 3.02 0.00	49.14 2.56 0.00	53.12 2.82 0.00	55.83 3.51 0.00	69.57 4.31 0.00	94.39 5.51 0.00	77.58 5.28 0.00	61.52 4.13 -0.01	53.96 4.22 -0.01	49.16 3.93 -0.01	46.16 3.69 -0.01	45.00 3.64 -0.01	44.13 3.57 -0.01	45.46 3.71 -0.01	56.74 4.59 -3.30	64.67 5.67 -2.80	70.06 5.60 -0.07	80.46 6.16 -0.01	72.82 5.84 -0.64	63.87 5.38 -0.01	58.73 4.65 -3.52	52.02 3.98 -0.01
HOLTSVILLE_IC_6 23695	57.62 4.17 -0.01	53.92 3.57 -0.01	51.89 3.26 0.00	49.32 2.75 0.00	53.37 3.07 0.00	56.09 3.77 0.00	69.96 4.70 0.00	94.84 5.96 0.00	78.01 5.71 0.00	61.87 4.48 -0.01	54.31 4.57 -0.01	49.43 4.21 -0.01	46.41 3.95 -0.01	45.25 3.89 -0.01	44.37 3.81 -0.01	45.72 3.97 -0.01	57.10 4.93 -3.32	65.08 6.07 -2.82	70.51 6.05 -0.07	80.99 6.69 -0.01	73.35 6.37 -0.64	64.28 5.79 -0.01	59.10 5.01 -3.53	52.36 4.32 -0.01
HOLTSVILLE_IC_7 23696	57.62 4.17 -0.01	53.92 3.57 -0.01	51.89 3.26 0.00	49.32 2.75 0.00	53.37 3.07 0.00	56.09 3.77 0.00	69.96 4.70 0.00	94.84 5.96 0.00	78.01 5.71 0.00	61.87 4.48 -0.01	54.31 4.57 -0.01	49.43 4.21 -0.01	46.41 3.95 -0.01	45.25 3.89 -0.01	44.37 3.81 -0.01	45.72 3.97 -0.01	57.10 4.93 -3.32	65.08 6.07 -2.82	70.51 6.05 -0.07	80.99 6.69 -0.01	73.35 6.37 -0.64	64.28 5.79 -0.01	59.10 5.01 -3.53	52.36 4.32 -0.01
HOLTSVILLE_IC_8 23697	57.62 4.17 -0.01	53.92 3.57 -0.01	51.89 3.26 0.00	49.32 2.75 0.00	53.37 3.07 0.00	56.09 3.77 0.00	69.96 4.70 0.00	94.84 5.96 0.00	78.01 5.71 0.00	61.87 4.48 -0.01	54.31 4.57 -0.01	49.43 4.21 -0.01	46.41 3.95 -0.01	45.25 3.89 -0.01	44.37 3.81 -0.01	45.72 3.97 -0.01	57.10 4.93 -3.32	65.08 6.07 -2.82	70.51 6.05 -0.07	80.99 6.69 -0.01	73.35 6.37 -0.64	64.28 5.79 -0.01	59.10 5.01 -3.53	52.36 4.32 -0.01
HOLTSVILLE_IC_9 23698	57.62 4.17 -0.01	53.92 3.57 -0.01	51.89 3.26 0.00	49.32 2.75 0.00	53.37 3.07 0.00	56.09 3.77 0.00	69.96 4.70 0.00	94.84 5.96 0.00	78.01 5.71 0.00	61.87 4.48 -0.01	54.31 4.57 -0.01	49.43 4.21 -0.01	46.41 3.95 -0.01	45.25 3.89 -0.01	44.37 3.81 -0.01	45.72 3.97 -0.01	57.10 4.93 -3.32	65.08 6.07 -2.82	70.51 6.05 -0.07	80.99 6.69 -0.01	73.35 6.37 -0.64	64.28 5.79 -0.01	59.10 5.01 -3.53	52.36 4.32 -0.01
HOMER_HL_115KV_TB2 355744	50.60 -2.83 0.00	47.21 -3.12 0.00	45.76 -2.87 0.00	43.87 -2.70 0.00	47.34 -2.97 0.00	49.08 -3.24 0.00	61.02 -4.24 0.00	82.66 -6.22 0.00	66.95 -5.35 0.00	52.43 -4.93 0.01	46.24 -3.48 0.00	42.05 -3.17 0.00	39.65 -2.80 0.00	38.42 -2.94 0.00	37.47 -3.08 0.00	38.11 -3.63 0.00	44.84 -4.01 0.00	51.07 -5.11 0.01	58.92 -5.47 0.00	68.20 -6.09 0.00	60.97 -5.37 0.00	53.57 -4.91 0.00	46.77 -3.79 0.00	45.53 -2.50 0.00
HOWARD_WT_PWR 323690	51.67 -1.76 0.00	48.17 -2.16 0.00	46.78 -1.85 0.00	44.76 -1.82 0.00	48.50 -1.81 0.00	50.39 -1.93 0.00	62.39 -2.87 0.00	85.32 -3.56 0.00	69.12 -3.18 0.00	54.02 -3.33 0.03	47.64 -2.09 0.00	43.14 -2.08 0.00	40.46 -1.99 0.00	39.25 -2.11 0.00	38.28 -2.27 0.00	39.03 -2.71 0.00	46.07 -2.78 0.00	52.60 -3.60 0.00	60.91 -3.48 0.00	70.43 -3.87 0.00	63.03 -3.32 0.00	55.44 -3.04 0.00	48.39 -2.17 0.00	46.83 -1.20 0.00
HQ_GEN_CEDARS 23644	53.76 0.32 0.00	50.74 0.40 0.00	48.87 0.24 0.00	46.72 0.14 0.00	50.56 0.25 0.00	52.27 -0.05 0.00	65.19 -0.07 0.00	88.35 -0.53 0.00	72.38 0.07 0.00	57.03 -0.34 0.00	49.63 -0.10 0.00	45.13 -0.09 0.00	42.24 -0.21 0.00	41.27 -0.08 0.00	40.43 -0.12 0.00	41.66 -0.08 0.00	48.60 -0.24 0.00	55.69 -0.51 0.00	64.26 -0.13 0.00	74.14 -0.15 0.00	66.21 -0.13 0.00	58.42 -0.06 0.00	50.61 0.05 0.00	48.03 0.00 0.00
HQ_GEN_CEDARS_PROXY 323590	53.76 0.32 0.00	50.74 0.40 0.00	48.87 0.24 0.00	46.67 0.09 0.00	50.56 0.25 0.00	52.27 -0.05 0.00	65.99 -0.07 -0.79	87.47 -0.62 0.79	72.38 0.07 0.00	57.09 -0.29 0.00	49.63 -0.10 0.00	45.13 -0.09 0.00	42.24 -0.21 0.00	41.27 -0.08 0.00	40.43 -0.12 0.00	41.66 -0.08 0.00	48.61 -0.24 0.00	55.80 -0.39 0.00	64.26 -0.13 0.00	74.14 -0.15 0.00	66.21 -0.13 0.00	58.37 -0.12 0.00	50.61 0.05 0.00	48.08 0.05 0.00

HQ_GEN_CHPE_PROXY 323851	55.79 2.35 0.00	52.25 1.91 0.00	50.38 1.75 0.00	48.07 1.49 0.00	51.91 1.61 0.00	54.31 1.99 0.00	68.59 2.54 -0.79	92.53 4.44 0.79	75.63 3.33 0.00	60.42 3.04 0.00	52.41 2.68 0.00	47.80 2.58 0.00	44.92 2.46 0.00	43.79 2.44 0.00	42.94 2.39 0.00	44.24 2.50 0.00	51.88 3.03 0.00	59.90 3.71 0.00	67.74 3.35 0.00	78.15 3.86 0.00	69.85 3.51 0.00	61.64 3.16 0.00	53.34 2.78 0.00	50.29 2.26 0.00
HQ_GEN_IMPORT 323601	53.65 0.21 0.00	50.54 0.20 0.00	48.82 0.20 0.00	46.72 0.14 0.00	50.46 0.15 0.00	52.37 0.05 0.00	66.12 0.07 -0.79	88.09 0.00 0.79	72.45 0.14 0.00	57.44 0.06 0.00	49.82 0.10 0.00	45.31 0.09 0.00	42.50 0.04 0.00	41.44 0.08 0.00	40.63 0.08 0.00	41.82 0.08 0.00	48.80 -0.05 0.00	56.08 -0.11 0.00	64.45 0.06 0.00	74.37 0.07 0.00	66.41 0.07 0.00	58.54 0.06 0.00	50.61 0.05 0.00	48.12 0.10 0.00
HQ_GEN_WHEEL 23651	53.65 0.21 0.00	50.54 0.20 0.00	48.82 0.20 0.00	46.72 0.14 0.00	50.46 0.15 0.00	52.37 0.05 0.00	66.12 0.07 -0.79	88.09 0.00 0.79	72.45 0.14 0.00	57.44 0.06 0.00	49.82 0.10 0.00	45.31 0.09 0.00	42.50 0.04 0.00	41.44 0.08 0.00	40.63 0.08 0.00	41.82 0.08 0.00	48.80 -0.05 0.00	56.08 -0.11 0.00	64.45 0.06 0.00	74.37 0.07 0.00	66.41 0.07 0.00	58.54 0.06 0.00	50.61 0.05 0.00	48.12 0.10 0.00
HUDSON_AVE_GT_3 23810	56.00 2.56 0.00	52.45 2.11 0.00	50.62 1.99 0.00	48.30 1.72 0.00	52.12 1.81 0.00	54.47 2.15 0.00	68.07 2.81 0.00	93.77 4.89 0.00	75.92 3.62 0.00	60.82 3.44 0.00	52.76 3.03 0.00	48.07 2.85 0.00	45.13 2.67 0.00	44.00 2.65 0.00	43.11 2.55 0.00	44.45 2.71 0.00	52.12 3.27 0.00	60.19 3.99 0.00	68.06 3.67 0.00	78.53 4.23 0.00	70.19 3.85 0.00	61.93 3.45 0.00	53.55 2.98 0.00	50.52 2.50 0.00
HUDSON_AVE_GT_4 23540	56.00 2.56 0.00	52.45 2.11 0.00	50.62 1.99 0.00	48.30 1.72 0.00	52.12 1.81 0.00	54.47 2.15 0.00	68.07 2.81 0.00	93.77 4.89 0.00	75.92 3.62 0.00	60.82 3.44 0.00	52.76 3.03 0.00	48.07 2.85 0.00	45.13 2.67 0.00	44.00 2.65 0.00	43.11 2.55 0.00	44.45 2.71 0.00	52.12 3.27 0.00	60.19 3.99 0.00	68.06 3.67 0.00	78.53 4.23 0.00	70.19 3.85 0.00	61.93 3.45 0.00	53.55 2.98 0.00	50.52 2.50 0.00
HUDSON_AVE_GT_5 23657	56.00 2.56 0.00	52.45 2.11 0.00	50.62 1.99 0.00	48.30 1.72 0.00	52.12 1.81 0.00	54.47 2.15 0.00	68.07 2.81 0.00	93.77 4.89 0.00	75.92 3.62 0.00	60.82 3.44 0.00	52.76 3.03 0.00	48.07 2.85 0.00	45.13 2.67 0.00	44.00 2.65 0.00	43.11 2.55 0.00	44.45 2.71 0.00	52.12 3.27 0.00	60.19 3.99 0.00	68.06 3.67 0.00	78.53 4.23 0.00	70.19 3.85 0.00	61.93 3.45 0.00	53.55 2.98 0.00	50.52 2.50 0.00
HUDSON_AVE_10 24168	55.84 2.40 0.00	52.30 1.96 0.00	50.48 1.85 0.00	48.16 1.58 0.00	51.96 1.66 0.00	54.31 1.99 0.00	67.94 2.68 0.00	93.59 4.71 0.00	75.77 3.47 0.00	60.65 3.27 0.00	52.66 2.93 0.00	47.98 2.76 0.00	45.05 2.59 0.00	43.92 2.56 0.00	43.02 2.47 0.00	44.37 2.63 0.00	52.02 3.18 0.00	60.07 3.88 0.00	67.93 3.54 0.00	78.38 4.09 0.00	70.06 3.72 0.00	61.82 3.33 0.00	53.44 2.88 0.00	50.38 2.35 0.00
HUDSON___115KV_TB 4 355613	54.93 1.50 0.00	51.95 1.61 0.00	50.23 1.60 0.00	48.16 1.58 0.00	51.91 1.61 0.00	54.20 1.88 0.00	67.67 2.41 0.00	92.26 3.38 0.00	74.47 2.17 0.00	58.87 1.49 0.00	50.57 0.85 0.00	45.90 0.68 0.00	43.09 0.64 0.00	41.93 0.58 0.00	41.20 0.65 0.00	42.57 0.83 0.00	50.07 1.22 0.00	58.11 1.91 0.00	66.45 2.06 0.00	76.82 2.53 0.00	68.53 2.19 0.00	60.41 1.93 0.00	52.23 1.67 0.00	49.47 1.44 0.00
HUNTER MOUNT___DRP 323613	55.25 1.82 0.00	52.25 1.91 0.00	50.52 1.90 0.00	48.39 1.82 0.00	52.22 1.91 0.00	54.47 2.15 0.00	68.00 2.74 0.00	92.79 3.91 0.00	74.83 2.53 0.00	59.04 1.66 0.00	50.62 0.90 0.00	45.90 0.68 0.00	43.14 0.68 0.00	41.93 0.58 0.00	41.20 0.65 0.00	42.62 0.88 0.00	50.12 1.27 0.00	58.22 2.02 0.00	66.64 2.25 0.00	77.11 2.82 0.00	68.86 2.52 0.00	60.65 2.16 0.00	52.43 1.87 0.00	49.71 1.68 0.00
HUNTINGTON_RES_REC 323705	57.19 3.74 -0.01	53.57 3.22 -0.01	51.55 2.92 0.00	49.04 2.47 0.00	53.02 2.71 0.00	55.67 3.35 0.00	69.24 3.98 0.00	94.21 5.33 0.00	77.29 4.99 0.00	61.34 3.96 -0.01	53.71 3.98 -0.01	48.94 3.71 -0.01	45.95 3.48 -0.01	44.79 3.43 -0.01	43.97 3.41 -0.01	45.29 3.55 -0.01	56.47 4.30 -3.33	64.30 5.28 -2.82	69.67 5.21 -0.07	80.17 5.87 -0.01	72.49 5.50 -0.64	63.46 4.97 -0.01	58.40 4.30 -3.54	51.78 3.75 -0.01
HUNTLEY___63 23557	49.80 -3.63 0.00	46.56 -3.78 0.00	45.22 -3.40 0.00	43.32 -3.26 0.00	46.63 -3.67 0.00	47.82 -4.50 0.00	58.60 -6.66 0.00	79.46 -9.42 0.00	64.86 -7.45 0.00	50.66 -6.71 0.01	45.10 -4.62 0.00	41.01 -4.21 0.00	38.72 -3.74 0.00	37.47 -3.89 0.00	36.50 -4.06 0.00	37.15 -4.59 0.00	43.62 -5.23 0.00	49.39 -6.80 0.01	56.92 -7.47 0.00	65.82 -8.47 0.00	58.84 -7.50 0.00	51.64 -6.84 0.00	45.51 -5.06 0.00	44.47 -3.55 0.00
HUNTLEY___64 23558	49.80 -3.63 0.00	46.56 -3.78 0.00	45.22 -3.40 0.00	43.32 -3.26 0.00	46.63 -3.67 0.00	47.82 -4.50 0.00	58.60 -6.66 0.00	79.46 -9.42 0.00	64.86 -7.45 0.00	50.66 -6.71 0.01	45.10 -4.62 0.00	41.01 -4.21 0.00	38.72 -3.74 0.00	37.47 -3.89 0.00	36.50 -4.06 0.00	37.15 -4.59 0.00	43.62 -5.23 0.00	49.39 -6.80 0.01	56.92 -7.47 0.00	65.82 -8.47 0.00	58.84 -7.50 0.00	51.64 -6.84 0.00	45.51 -5.06 0.00	44.47 -3.55 0.00
HUNTLEY___65 23559	49.80 -3.63 0.00	46.56 -3.78 0.00	45.22 -3.40 0.00	43.32 -3.26 0.00	46.63 -3.67 0.00	47.82 -4.50 0.00	58.60 -6.66 0.00	79.46 -9.42 0.00	64.86 -7.45 0.00	50.66 -6.71 0.01	45.10 -4.62 0.00	41.01 -4.21 0.00	38.72 -3.74 0.00	37.47 -3.89 0.00	36.50 -4.06 0.00	37.15 -4.59 0.00	43.62 -5.23 0.00	49.39 -6.80 0.01	56.92 -7.47 0.00	65.82 -8.47 0.00	58.84 -7.50 0.00	51.64 -6.84 0.00	45.51 -5.06 0.00	44.47 -3.55 0.00
HUNTLEY___66 23560	49.80 -3.63 0.00	46.56 -3.78 0.00	45.22 -3.40 0.00	43.32 -3.26 0.00	46.63 -3.67 0.00	47.82 -4.50 0.00	58.60 -6.66 0.00	79.46 -9.42 0.00	64.86 -7.45 0.00	50.66 -6.71 0.01	45.10 -4.62 0.00	41.01 -4.21 0.00	38.72 -3.74 0.00	37.47 -3.89 0.00	36.50 -4.06 0.00	37.15 -4.59 0.00	43.62 -5.23 0.00	49.39 -6.80 0.01	56.92 -7.47 0.00	65.82 -8.47 0.00	58.84 -7.50 0.00	51.64 -6.84 0.00	45.51 -5.06 0.00	44.47 -3.55 0.00
HUNTLEY___67 23561	49.59 -3.85 0.00	46.31 -4.03 0.00	44.98 -3.65 0.00	43.08 -3.49 0.00	46.43 -3.87 0.00	47.77 -4.55 0.00	58.54 -6.72 0.00	79.37 -9.51 0.00	64.71 -7.59 0.00	50.60 -6.77 0.01	45.00 -4.72 0.00	40.92 -4.30 0.00	38.68 -3.78 0.00	37.43 -3.93 0.00	36.46 -4.10 0.00	37.11 -4.63 0.00	43.62 -5.23 0.00	49.39 -6.80 0.01	56.86 -7.53 0.00	65.75 -8.54 0.00	58.78 -7.56 0.00	51.58 -6.90 0.00	45.40 -5.16 0.00	44.38 -3.65 0.00

HUNTLEY___68 23562	49.59 -3.85 0.00	46.31 -4.03 0.00	44.98 -3.65 0.00	43.08 -3.49 0.00	46.43 -3.87 0.00	47.77 -4.55 0.00	58.54 -6.72 0.00	79.37 -9.51 0.00	64.71 -7.59 0.00	50.60 -6.77 0.01	45.00 -4.72 0.00	40.92 -4.30 0.00	38.68 -3.78 0.00	37.43 -3.93 0.00	36.46 -4.10 0.00	37.11 -4.63 0.00	43.62 -5.23 0.00	49.39 -6.80 0.01	56.86 -7.53 0.00	65.75 -8.54 0.00	58.78 -7.56 0.00	51.58 -6.90 0.00	45.40 -5.16 0.00	44.38 -3.65 0.00
HYLAND___LFGE 323620	54.24 0.80 0.00	50.59 0.25 0.00	49.06 0.44 0.00	46.99 0.42 0.00	50.91 0.61 0.00	52.90 0.58 0.00	65.59 0.33 0.00	89.42 0.54 0.00	71.87 -0.43 0.00	55.65 -1.72 0.01	48.63 -1.09 0.00	43.73 -1.49 0.00	41.06 -1.40 0.00	39.91 -1.45 0.00	39.01 -1.54 0.00	39.99 -1.75 0.00	47.28 -1.57 0.00	54.62 -1.57 0.00	63.94 -0.45 0.00	74.52 0.22 0.00	66.87 0.53 0.00	58.54 0.06 0.00	50.82 0.25 0.00	48.89 0.87 0.00
INDECK___CORINTH 23802	54.03 0.59 0.00	50.99 0.65 0.00	49.31 0.68 0.00	47.28 0.70 0.00	51.01 0.70 0.00	53.37 1.05 0.00	66.63 1.37 0.00	90.93 2.05 0.00	73.32 1.01 0.00	57.89 0.52 0.00	49.77 0.05 0.00	45.13 -0.09 0.00	42.41 -0.04 0.00	41.19 -0.16 0.00	40.47 -0.08 0.00	41.91 0.17 0.00	49.39 0.54 0.00	57.15 0.95 0.00	65.42 1.03 0.00	75.70 1.41 0.00	67.34 1.00 0.00	59.36 0.88 0.00	51.27 0.71 0.00	48.41 0.38 0.00
INDECK___ILION 23567	53.33 -0.11 0.00	50.28 -0.05 0.00	48.58 -0.05 0.00	46.58 0.00 0.00	50.25 -0.05 0.00	52.32 0.00 0.00	65.39 0.13 0.00	89.06 0.18 0.00	72.45 0.14 0.00	57.49 0.11 0.00	49.72 0.00 0.00	45.22 0.00 0.00	42.46 0.00 0.00	41.35 0.00 0.00	40.55 0.00 0.00	41.74 0.00 0.00	49.00 0.15 0.00	56.42 0.22 0.00	64.58 0.19 0.00	74.44 0.15 0.00	66.47 0.13 0.00	58.60 0.12 0.00	50.61 0.05 0.00	48.03 0.00 0.00
INDECK___OLEAN 23982	50.71 -2.72 0.00	47.37 -2.97 0.00	46.00 -2.63 0.00	44.01 -2.56 0.00	47.49 -2.82 0.00	49.23 -3.09 0.00	61.15 -4.11 0.00	82.93 -5.95 0.00	67.24 -5.06 0.00	52.55 -4.82 0.01	46.54 -3.18 0.00	42.23 -2.99 0.00	39.70 -2.76 0.00	38.46 -2.90 0.00	37.55 -3.00 0.00	38.19 -3.55 0.00	44.94 -3.91 0.00	51.07 -5.11 0.00	59.05 -5.34 0.00	68.28 -6.02 0.00	61.10 -5.24 0.00	53.63 -4.85 0.00	46.87 -3.69 0.00	45.58 -2.45 0.00
INDECK___OSWEGO 23783	52.26 -1.18 0.00	49.18 -1.16 0.00	47.51 -1.12 0.00	45.55 -1.02 0.00	49.25 -1.06 0.00	51.22 -1.10 0.00	63.95 -1.30 0.00	87.19 -1.69 0.00	70.93 -1.38 0.00	56.23 -1.15 0.00	48.73 -0.99 0.00	44.27 -0.95 0.00	41.56 -0.89 0.00	40.44 -0.91 0.00	39.62 -0.93 0.00	40.78 -0.96 0.00	47.82 -1.03 0.00	55.01 -1.18 0.00	63.10 -1.29 0.00	72.88 -1.41 0.00	65.01 -1.33 0.00	57.25 -1.23 0.00	49.55 -1.01 0.00	47.07 -0.96 0.00
INDECK___YERKES 23781	50.12 -3.31 0.00	46.86 -3.47 0.00	45.66 -2.97 0.00	43.64 -2.93 0.00	46.93 -3.37 0.00	48.13 -4.19 0.00	58.99 -6.27 0.00	80.17 -8.71 0.00	65.50 -6.80 0.00	51.06 -6.31 0.01	45.75 -3.98 0.00	41.38 -3.84 0.00	38.93 -3.52 0.00	37.67 -3.68 0.00	36.74 -3.81 0.00	37.40 -4.34 0.00	43.92 -4.93 0.00	49.55 -6.63 0.01	57.31 -7.08 0.00	66.12 -8.17 0.00	59.31 -7.03 0.00	51.93 -6.55 0.00	45.71 -4.85 0.00	44.57 -3.46 0.00
INDIAN POINT_GT_1 24139	55.47 2.03 0.00	52.00 1.66 0.00	50.23 1.60 0.00	47.97 1.40 0.00	51.76 1.46 0.00	54.05 1.73 0.00	67.61 2.35 0.00	92.88 4.00 0.00	75.12 2.82 0.00	60.08 2.70 0.00	52.11 2.39 0.00	47.48 2.26 0.00	44.58 2.12 0.00	43.46 2.11 0.00	42.62 2.07 0.00	43.91 2.17 0.00	51.49 2.64 0.00	59.45 3.26 0.00	67.35 2.96 0.00	77.78 3.49 0.00	69.53 3.18 0.00	61.35 2.87 0.00	52.99 2.43 0.00	50.04 2.02 0.00
INDIAN POINT_GT_2 23659	55.47 2.03 0.00	52.00 1.66 0.00	50.23 1.60 0.00	47.97 1.40 0.00	51.76 1.46 0.00	54.05 1.73 0.00	67.61 2.35 0.00	92.88 4.00 0.00	75.12 2.82 0.00	60.08 2.70 0.00	52.11 2.39 0.00	47.48 2.26 0.00	44.58 2.12 0.00	43.46 2.11 0.00	42.62 2.07 0.00	43.91 2.17 0.00	51.49 2.64 0.00	59.45 3.26 0.00	67.35 2.96 0.00	77.78 3.49 0.00	69.53 3.18 0.00	61.35 2.87 0.00	52.99 2.43 0.00	50.04 2.02 0.00
INDIAN POINT_GT_3 24019	55.47 2.03 0.00	52.00 1.66 0.00	50.23 1.60 0.00	47.97 1.40 0.00	51.76 1.46 0.00	54.05 1.73 0.00	67.61 2.35 0.00	92.88 4.00 0.00	75.12 2.82 0.00	60.08 2.70 0.00	52.11 2.39 0.00	47.48 2.26 0.00	44.58 2.12 0.00	43.46 2.11 0.00	42.62 2.07 0.00	43.91 2.17 0.00	51.49 2.64 0.00	59.45 3.26 0.00	67.35 2.96 0.00	77.78 3.49 0.00	69.53 3.18 0.00	61.35 2.87 0.00	52.99 2.43 0.00	50.04 2.02 0.00
INDIAN POINT___2 23530	55.31 1.87 0.00	51.90 1.56 0.00	50.04 1.41 0.00	47.78 1.21 0.00	51.61 1.31 0.00	53.94 1.62 0.00	67.41 2.15 0.00	92.70 3.82 0.00	75.12 2.82 0.00	59.90 2.52 0.00	51.91 2.19 0.00	47.35 2.13 0.00	44.49 2.04 0.00	43.42 2.07 0.00	42.58 2.03 0.00	43.83 2.09 0.00	51.34 2.49 0.00	59.34 3.15 0.00	67.22 2.83 0.00	77.56 3.27 0.00	69.39 3.05 0.00	61.17 2.69 0.00	52.89 2.33 0.00	49.90 1.87 0.00
INDIAN POINT___3 23531	55.36 1.92 0.00	51.95 1.61 0.00	50.14 1.51 0.00	47.88 1.30 0.00	51.66 1.36 0.00	53.94 1.62 0.00	67.48 2.22 0.00	92.79 3.91 0.00	75.05 2.75 0.00	60.02 2.64 0.00	52.01 2.29 0.00	47.39 2.17 0.00	44.54 2.08 0.00	43.42 2.07 0.00	42.58 2.03 0.00	43.87 2.13 0.00	51.39 2.54 0.00	59.34 3.15 0.00	67.29 2.90 0.00	77.63 3.34 0.00	69.39 3.05 0.00	61.23 2.75 0.00	52.89 2.33 0.00	49.95 1.92 0.00
INGHAM_C_115KV_TB7 356103	52.90 -0.53 0.00	49.93 -0.40 0.00	48.29 -0.34 0.00	46.30 -0.28 0.00	49.95 -0.35 0.00	52.06 -0.26 0.00	65.06 -0.20 0.00	88.61 -0.27 0.00	72.09 -0.22 0.00	57.21 -0.17 0.00	49.48 -0.25 0.00	44.99 -0.23 0.00	42.24 -0.21 0.00	41.11 -0.25 0.00	40.31 -0.24 0.00	41.53 -0.21 0.00	48.75 -0.10 0.00	56.14 -0.06 0.00	64.26 -0.13 0.00	74.07 -0.22 0.00	66.08 -0.27 0.00	58.25 -0.23 0.00	50.31 -0.25 0.00	47.74 -0.29 0.00
IP CORINTH___1 23988	54.29 0.85 0.00	51.24 0.91 0.00	49.55 0.92 0.00	47.55 0.98 0.00	51.31 1.01 0.00	53.68 1.36 0.00	67.02 1.76 0.00	91.46 2.58 0.00	73.75 1.45 0.00	58.24 0.86 0.00	50.07 0.35 0.00	45.40 0.18 0.00	42.63 0.17 0.00	41.44 0.08 0.00	40.67 0.12 0.00	42.11 0.38 0.00	49.63 0.78 0.00	57.49 1.29 0.00	65.81 1.42 0.00	76.07 1.78 0.00	67.73 1.39 0.00	59.71 1.23 0.00	51.57 1.01 0.00	49.95 1.92 0.00
IP___TICONDEROGA 23804	55.09 1.66 0.00	51.95 1.61 0.00	50.23 1.60 0.00	48.16 1.58 0.00	52.07 1.76 0.00	54.62 2.30 0.00	68.26 3.00 0.00	93.24 4.36 0.00	74.62 2.31 0.00	58.53 1.15 0.00	50.22 0.50 0.00	45.40 0.18 0.00	42.58 0.13 0.00	41.27 -0.08 0.00	40.55 0.00 0.00	42.11 0.38 0.00	49.87 1.03 0.00	57.99 1.80 0.00	66.71 2.32 0.00	77.49 3.19 0.00	68.93 2.59 0.00	60.65 2.16 0.00	52.23 1.67 0.00	50.38 2.35 0.00

ISLIP_RES_REC 323679	57.88 4.43 -0.01	54.17 3.82 -0.01	52.08 3.45 0.00	49.56 2.98 0.00	53.62 3.32 0.00	56.35 4.03 0.00	70.28 5.03 0.00	95.37 6.48 0.00	78.45 6.14 0.00	62.15 4.76 -0.01	54.56 4.82 -0.01	49.66 4.43 -0.01	46.63 4.16 -0.01	45.46 4.09 -0.01	44.54 3.98 -0.01	45.92 4.17 -0.01	57.35 5.18 -3.33	65.42 6.40 -2.83	70.90 6.44 -0.07	81.43 7.13 -0.01	73.76 6.77 -0.64	64.63 6.14 -0.01	59.36 5.26 -3.54	52.55 4.51 -0.01
JAMAICA__27_KV_LOAD 355505	55.95 2.51 0.00	52.30 1.96 0.00	50.48 1.85 0.00	48.11 1.54 0.00	51.96 1.66 0.00	54.47 2.15 0.00	68.33 3.07 0.00	94.30 5.42 0.00	76.28 3.98 0.00	61.11 3.73 0.00	53.01 3.28 0.00	48.29 3.07 0.00	45.34 2.89 0.00	44.21 2.85 0.00	43.27 2.72 0.00	44.66 2.92 0.00	52.37 3.52 0.00	60.63 4.44 0.00	68.64 4.25 0.00	79.27 4.98 0.00	70.92 4.58 0.00	62.40 3.92 0.00	53.80 3.24 0.00	50.57 2.55 0.00
JANIS__SOLAR 323808	54.93 1.49 0.00	51.54 1.21 0.00	49.79 1.17 0.00	47.74 1.16 0.00	51.76 1.46 0.00	53.84 1.52 0.00	67.48 2.22 0.00	92.08 3.20 0.00	74.55 2.24 0.00	58.55 1.15 -0.02	50.57 0.84 0.00	45.76 0.54 0.00	42.84 0.38 0.00	41.65 0.29 0.00	40.76 0.20 0.00	42.07 0.33 0.00	49.83 0.98 0.00	57.65 1.46 0.00	66.51 2.12 0.00	76.96 2.67 0.00	68.60 2.26 0.00	60.23 1.75 0.00	52.18 1.62 0.00	49.66 1.63 0.00
JARVIS____ 23743	53.44 0.00 0.00	50.34 0.00 0.00	48.63 0.00 0.00	46.62 0.05 0.00	50.30 0.00 0.00	52.37 0.05 0.00	65.39 0.13 0.00	89.06 0.18 0.00	72.45 0.14 0.00	57.49 0.11 0.00	49.72 0.00 0.00	45.27 0.05 0.00	42.50 0.04 0.00	41.40 0.04 0.00	40.59 0.04 0.00	41.78 0.04 0.00	49.00 0.15 0.00	56.42 0.23 0.00	64.52 0.13 0.00	74.44 0.15 0.00	66.47 0.13 0.00	58.60 0.12 0.00	50.66 0.10 0.00	48.08 0.05 0.00
JENNISON__1 23625	54.93 1.50 0.00	51.59 1.26 0.00	49.79 1.17 0.00	47.79 1.21 0.00	51.61 1.31 0.00	53.79 1.46 0.00	67.48 2.22 0.00	91.99 3.11 0.00	74.76 2.46 0.00	59.11 1.72 0.00	51.12 1.39 0.00	46.40 1.18 0.00	43.48 1.02 0.00	42.35 0.99 0.00	41.48 0.93 0.00	42.78 1.04 0.00	50.51 1.66 0.00	58.50 2.30 0.00	66.90 2.51 0.00	77.26 2.97 0.00	68.86 2.52 0.00	60.47 1.99 0.00	52.38 1.82 0.00	49.80 1.78 0.00
JENNISON__2 23626	54.93 1.50 0.00	51.59 1.26 0.00	49.79 1.17 0.00	47.79 1.21 0.00	51.61 1.31 0.00	53.79 1.46 0.00	67.48 2.22 0.00	91.99 3.11 0.00	74.76 2.46 0.00	59.11 1.72 0.00	51.12 1.39 0.00	46.40 1.18 0.00	43.48 1.02 0.00	42.35 0.99 0.00	41.48 0.93 0.00	42.78 1.04 0.00	50.51 1.66 0.00	58.50 2.30 0.00	66.90 2.51 0.00	77.26 2.97 0.00	68.86 2.52 0.00	60.47 1.99 0.00	52.38 1.82 0.00	49.80 1.78 0.00
JERICHO_RISE_WT_PWR 323719	53.76 0.32 0.00	50.64 0.30 0.00	48.73 0.10 0.00	46.48 -0.09 0.00	50.15 -0.15 0.00	51.90 -0.42 0.00	64.74 -0.52 0.00	87.99 -0.89 0.00	72.09 -0.22 0.00	56.98 -0.40 0.00	49.58 -0.15 0.00	45.04 -0.18 0.00	42.16 -0.30 0.00	41.15 -0.21 0.00	40.31 -0.24 0.00	41.49 -0.25 0.00	48.41 -0.44 0.00	55.63 -0.56 0.00	64.07 -0.32 0.00	74.00 -0.30 0.00	66.08 -0.26 0.00	58.25 -0.23 0.00	50.41 -0.15 0.00	47.88 -0.14 0.00
KATONAH__115KV_46KV_TB4 355592	55.95 2.51 0.00	52.50 2.16 0.00	50.67 2.04 0.00	48.39 1.82 0.00	52.22 1.91 0.00	54.57 2.25 0.00	68.26 3.00 0.00	93.95 5.07 0.00	75.85 3.54 0.00	60.71 3.33 0.00	52.56 2.83 0.00	47.80 2.58 0.00	44.88 2.42 0.00	43.71 2.36 0.00	42.86 2.31 0.00	44.20 2.46 0.00	51.83 2.98 0.00	59.96 3.77 0.00	67.87 3.48 0.00	78.38 4.09 0.00	70.12 3.78 0.00	61.82 3.33 0.00	53.49 2.93 0.00	50.43 2.40 0.00
KCE_NY_1 323755	54.99 1.55 0.00	51.95 1.61 0.00	50.23 1.60 0.00	48.20 1.63 0.00	51.96 1.66 0.00	54.31 1.99 0.00	67.80 2.54 0.00	92.34 3.46 0.00	74.55 2.24 0.00	59.04 1.67 0.00	50.72 0.99 0.00	46.08 0.86 0.00	43.30 0.85 0.00	42.10 0.75 0.00	41.36 0.81 0.00	42.74 1.00 0.00	50.31 1.46 0.00	58.16 1.97 0.00	66.58 2.19 0.00	76.96 2.67 0.00	68.53 2.19 0.00	60.47 1.99 0.00	52.23 1.67 0.00	49.37 1.34 0.00
KCE_NY_6_ESR 323823	50.45 -2.99 0.00	47.06 -3.27 0.00	45.81 -2.82 0.00	43.78 -2.79 0.00	47.19 -3.12 0.00	48.66 -3.66 0.00	59.84 -5.42 0.00	81.33 -7.56 0.00	66.30 -6.00 0.00	51.75 -5.62 0.01	46.20 -3.53 0.00	41.83 -3.39 0.00	39.36 -3.10 0.00	38.09 -3.27 0.00	37.15 -3.41 0.00	37.81 -3.93 0.00	44.45 -4.40 0.00	50.23 -5.96 0.01	58.08 -6.31 0.00	67.01 -7.28 0.00	60.10 -6.24 0.00	52.69 -5.79 0.00	46.26 -4.30 0.00	45.10 -2.93 0.00
KEDC_PORT_JEFF_GT2 24210	57.56 4.11 -0.01	53.92 3.57 -0.01	51.84 3.21 0.00	49.32 2.75 0.00	53.37 3.07 0.00	56.04 3.72 0.00	69.89 4.63 0.00	94.84 5.96 0.00	77.95 5.64 0.00	61.81 4.42 -0.01	54.26 4.52 -0.01	49.39 4.16 -0.01	46.37 3.90 -0.01	45.21 3.85 -0.01	44.33 3.77 -0.01	45.67 3.92 -0.01	57.05 4.88 -3.31	65.02 6.02 -2.81	70.45 5.99 -0.07	80.99 6.69 -0.01	73.29 6.31 -0.64	64.23 5.73 -0.01	59.05 4.96 -3.53	52.31 4.27 -0.01
KEDC_PORT_JEFF_GT3 24211	57.56 4.11 -0.01	53.92 3.57 -0.01	51.84 3.21 0.00	49.32 2.75 0.00	53.37 3.07 0.00	56.04 3.72 0.00	69.89 4.63 0.00	94.84 5.96 0.00	77.95 5.64 0.00	61.81 4.42 -0.01	54.26 4.52 -0.01	49.39 4.16 -0.01	46.37 3.90 -0.01	45.21 3.85 -0.01	44.33 3.77 -0.01	45.67 3.92 -0.01	57.05 4.88 -3.31	65.02 6.02 -2.81	70.45 5.99 -0.07	80.99 6.69 -0.01	73.29 6.31 -0.64	64.23 5.73 -0.01	59.05 4.96 -3.53	52.31 4.27 -0.01
KEDC_GLWD_GT4 24219	56.50 3.04 -0.01	52.96 2.62 -0.01	51.06 2.43 0.00	48.67 2.10 0.00	52.57 2.27 0.00	55.09 2.77 0.00	68.26 3.00 0.00	93.50 4.62 0.00	76.21 3.90 0.00	60.89 3.50 -0.01	53.02 3.28 -0.01	48.35 3.12 -0.01	45.44 2.97 -0.01	44.35 2.98 -0.01	43.49 2.92 -0.01	44.76 3.01 -0.01	57.30 3.56 -4.89	64.39 4.05 -4.15	68.30 3.80 -0.11	78.69 4.38 -0.01	71.34 4.05 -0.95	62.06 3.57 -0.01	59.00 3.24 -5.20	50.92 2.88 -0.01
KEDC_GLWD_GTS 24220	56.50 3.04 -0.01	52.96 2.62 -0.01	51.06 2.43 0.00	48.67 2.10 0.00	52.57 2.27 0.00	55.09 2.77 0.00	68.26 3.00 0.00	93.50 4.62 0.00	76.21 3.90 0.00	60.89 3.50 -0.01	53.02 3.28 -0.01	48.35 3.12 -0.01	45.44 2.97 -0.01	44.35 2.98 -0.01	43.49 2.92 -0.01	44.76 3.01 -0.01	57.30 3.56 -4.89	64.39 4.05 -4.15	68.30 3.80 -0.11	78.69 4.38 -0.01	71.34 4.05 -0.95	62.06 3.57 -0.01	59.00 3.24 -5.20	50.92 2.88 -0.01
KENSICO____ 23655	55.63 2.19 0.00	52.20 1.86 0.00	50.38 1.75 0.00	48.11 1.54 0.00	51.91 1.61 0.00	54.20 1.88 0.00	67.80 2.55 0.00	93.24 4.36 0.00	75.41 3.11 0.00	60.36 2.98 0.00	52.31 2.59 0.00	47.66 2.44 0.00	44.75 2.29 0.00	43.63 2.27 0.00	42.78 2.23 0.00	44.12 2.38 0.00	51.68 2.83 0.00	59.74 3.54 0.00	67.61 3.22 0.00	78.08 3.79 0.00	69.79 3.45 0.00	61.52 3.04 0.00	53.19 2.63 0.00	50.19 2.16 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	55.95 2.51 0.00	52.55 2.21 0.00	50.72 2.09 0.00	48.44 1.86 0.00	52.32 2.01 0.00	54.62 2.30 0.00	68.39 3.13 0.00	94.04 5.16 0.00	75.99 3.69 0.00	60.42 3.04 0.00	52.21 2.49 0.00	47.48 2.26 0.00	44.58 2.12 0.00	43.46 2.11 0.00	42.62 2.07 0.00	43.99 2.25 0.00	51.63 2.78 0.00	59.85 3.65 0.00	68.06 3.67 0.00	78.60 4.31 0.00	70.39 4.05 0.00	61.99 3.51 0.00	53.49 2.93 0.00	50.48 2.45 0.00
KIAC_JFK_GT1 23816	55.63 2.19 0.00	52.05 1.71 0.00	50.23 1.60 0.00	47.88 1.30 0.00	51.71 1.41 0.00	54.20 1.88 0.00	67.94 2.68 0.00	93.77 4.89 0.00	75.92 3.62 0.00	60.76 3.39 0.00	52.76 3.03 0.00	48.07 2.85 0.00	45.13 2.67 0.00	44.00 2.65 0.00	43.07 2.51 0.00	44.45 2.71 0.00	52.12 3.27 0.00	60.35 4.16 0.00	68.25 3.86 0.00	78.82 4.53 0.00	70.52 4.18 0.00	62.05 3.57 0.00	53.49 2.93 0.00	50.28 2.26 0.00
KIAC_JFK_GT2 23817	55.63 2.19 0.00	52.05 1.71 0.00	50.23 1.60 0.00	47.88 1.30 0.00	51.71 1.41 0.00	54.20 1.88 0.00	67.94 2.68 0.00	93.77 4.89 0.00	75.92 3.62 0.00	60.76 3.39 0.00	52.76 3.03 0.00	48.07 2.85 0.00	45.13 2.67 0.00	44.00 2.65 0.00	43.07 2.51 0.00	44.45 2.71 0.00	52.12 3.27 0.00	60.35 4.16 0.00	68.25 3.86 0.00	78.82 4.53 0.00	70.52 4.18 0.00	62.05 3.57 0.00	53.49 2.93 0.00	50.28 2.26 0.00
KIAC_JFK____ 323774	55.63 2.19 0.00	51.99 1.66 0.00	50.14 1.51 0.00	47.83 1.26 0.00	51.61 1.31 0.00	54.20 1.88 0.00	67.87 2.61 0.00	93.68 4.80 0.00	75.99 3.69 0.00	60.71 3.33 0.00	52.66 2.93 0.00	48.02 2.80 0.00	45.09 2.63 0.00	43.96 2.61 0.00	43.07 2.52 0.00	44.41 2.67 0.00	52.07 3.22 0.00	60.30 4.10 0.00	68.25 3.86 0.00	78.82 4.53 0.00	70.46 4.11 0.00	61.99 3.51 0.00	53.49 2.93 0.00	50.24 2.21 0.00
KINTIGH_24_KV_GSU 356498	49.96 -3.47 0.00	46.66 -3.67 0.00	45.37 -3.26 0.00	43.41 -3.17 0.00	46.78 -3.52 0.00	48.13 -4.19 0.00	58.99 -6.27 0.00	80.26 -8.62 0.00	65.58 -6.72 0.00	51.35 -6.02 0.01	45.75 -3.98 0.00	41.47 -3.75 0.00	39.02 -3.44 0.00	37.80 -3.56 0.00	36.86 -3.69 0.00	37.61 -4.13 0.00	44.16 -4.69 0.00	49.95 -6.24 0.01	57.56 -6.83 0.00	66.41 -7.88 0.00	59.51 -6.83 0.00	52.16 -6.32 0.00	45.81 -4.75 0.00	44.47 -3.55 0.00
KINTIGH____ 23543	49.75 -3.69 0.00	46.46 -3.88 0.00	45.08 -3.55 0.00	43.22 -3.35 0.00	46.58 -3.72 0.00	47.93 -4.39 0.00	58.73 -6.53 0.00	79.82 -9.07 0.00	65.15 -7.16 0.00	51.06 -6.31 0.01	45.25 -4.48 0.00	41.20 -4.02 0.00	38.89 -3.57 0.00	37.67 -3.68 0.00	36.74 -3.81 0.00	37.44 -4.30 0.00	43.96 -4.88 0.00	49.89 -6.29 0.01	57.31 -7.08 0.00	66.19 -8.10 0.00	59.24 -7.10 0.00	51.99 -6.49 0.00	45.66 -4.90 0.00	44.38 -3.65 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	55.31 1.87 0.00	51.95 1.61 0.00	49.94 1.31 0.00	47.60 1.02 0.00	51.41 1.11 0.00	53.21 0.89 0.00	66.50 1.24 0.00	90.30 1.42 0.00	74.18 1.88 0.00	58.47 1.09 0.00	50.77 1.04 0.00	46.12 0.90 0.00	43.14 0.68 0.00	42.14 0.79 0.00	41.20 0.65 0.00	42.45 0.71 0.00	49.53 0.68 0.00	56.93 0.73 0.00	65.81 1.42 0.00	76.00 1.71 0.00	67.93 1.59 0.00	59.94 1.46 0.00	51.72 1.16 0.00	48.99 0.96 0.00
LACHUTE__HYDRO 323717	55.04 1.60 0.00	51.90 1.56 0.00	50.23 1.60 0.00	48.16 1.58 0.00	52.02 1.71 0.00	54.57 2.25 0.00	68.20 2.94 0.00	93.15 4.27 0.00	74.62 2.31 0.00	58.53 1.15 0.00	50.12 0.40 0.00	45.36 0.14 0.00	42.58 0.13 0.00	41.27 -0.08 0.00	40.55 0.00 0.00	42.07 0.33 0.00	49.88 1.03 0.00	57.94 1.74 0.00	66.70 2.31 0.00	77.48 3.19 0.00	68.86 2.52 0.00	60.58 2.10 0.00	52.23 1.67 0.00	49.27 1.25 0.00
LAWRNCV_115KV_TB1 80681	52.80 -0.64 0.00	49.83 -0.50 0.00	48.00 -0.63 0.00	45.88 -0.70 0.00	49.25 -1.06 0.00	50.96 -1.36 0.00	63.69 -1.57 0.00	85.86 -3.02 0.00	70.13 -2.17 0.00	55.14 -2.24 0.00	47.84 -1.89 0.00	43.50 -1.72 0.00	40.67 -1.78 0.00	39.78 -1.57 0.00	39.01 -1.54 0.00	40.28 -1.46 0.00	47.38 -1.47 0.00	54.40 -1.80 0.00	62.84 -1.55 0.00	72.66 -1.63 0.00	64.75 -1.59 0.00	57.55 -0.94 0.00	49.85 -0.71 0.00	47.26 -0.77 0.00
LEDERLE____ 23769	55.47 2.03 0.00	52.00 1.66 0.00	50.23 1.60 0.00	47.97 1.40 0.00	51.76 1.46 0.00	54.05 1.73 0.00	67.61 2.35 0.00	93.06 4.18 0.00	75.27 2.96 0.00	60.13 2.75 0.00	52.11 2.39 0.00	47.48 2.26 0.00	44.62 2.17 0.00	43.55 2.19 0.00	42.66 2.11 0.00	43.95 2.21 0.00	51.49 2.64 0.00	59.51 3.32 0.00	67.42 3.03 0.00	77.86 3.57 0.00	69.59 3.25 0.00	61.35 2.87 0.00	52.99 2.43 0.00	50.04 2.02 0.00
LIGHTHSE_115KV_TB6 355974	52.37 -1.07 0.00	49.23 -1.11 0.00	47.56 -1.07 0.00	45.69 -0.88 0.00	49.35 -0.96 0.00	51.38 -0.94 0.00	64.61 -0.65 0.00	87.90 -0.98 0.00	71.65 -0.65 0.00	56.40 -0.98 0.00	48.63 -1.09 0.00	44.09 -1.13 0.00	41.22 -1.23 0.00	40.20 -1.16 0.00	39.42 -1.14 0.00	40.78 -0.96 0.00	47.97 -0.88 0.00	55.46 -0.73 0.00	63.81 -0.58 0.00	73.99 -0.30 0.00	65.88 -0.46 0.00	57.96 -0.53 0.00	50.06 -0.51 0.00	47.45 -0.58 0.00
LINDEN COGEN____ 23786	55.62 2.19 0.01	52.09 1.76 0.01	50.22 1.60 0.01	47.96 1.40 0.01	51.76 1.46 0.01	54.14 1.83 0.01	67.60 2.35 0.01	93.14 4.27 0.01	75.47 3.18 0.01	60.30 2.92 0.01	52.30 2.58 0.01	47.70 2.49 0.01	44.82 2.38 0.01	43.70 2.36 0.01	42.85 2.31 0.01	44.15 2.42 0.01	51.77 2.93 0.01	59.73 3.54 0.01	67.46 3.15 0.08	77.92 3.64 0.01	69.51 3.32 0.14	10.00 3.04 51.52	53.18 2.63 0.01	50.13 2.11 0.01
LINDHRST_69_KV_BK1 356055	57.40 3.95 -0.01	53.87 3.52 -0.01	51.93 3.31 0.00	49.42 2.84 0.00	53.42 3.12 0.00	55.88 3.56 0.00	69.70 4.44 0.00	94.93 6.04 0.00	77.15 4.84 0.00	61.92 4.53 -0.01	53.91 4.18 -0.01	49.12 3.89 -0.01	46.12 3.65 -0.01	44.96 3.60 -0.01	44.09 3.53 -0.01	45.46 3.71 -0.01	56.87 4.45 -3.58	64.74 5.51 -3.04	69.94 5.47 -0.08	80.54 6.24 -0.01	72.87 5.84 -0.69	63.70 5.20 -0.01	58.82 4.45 -3.81	51.93 3.89 -0.01
LIPA_MISC_IPP 23656	57.35 3.90 -0.01	53.72 3.37 -0.01	51.79 3.16 0.00	49.28 2.70 0.00	53.27 2.97 0.00	55.77 3.45 0.00	69.70 4.44 0.00	94.04 5.16 0.00	76.57 4.27 0.00	61.69 4.30 -0.01	54.31 4.57 -0.01	49.39 4.16 -0.01	46.33 3.86 -0.01	45.17 3.80 -0.01	44.25 3.69 -0.01	45.67 3.92 -0.01	57.04 4.88 -3.31	65.13 6.13 -2.80	70.51 6.05 -0.07	80.76 6.46 -0.01	73.35 6.37 -0.64	64.46 5.97 -0.01	59.14 5.06 -3.52	52.45 4.42 -0.01
LISF__SOLAR 323691	57.40 3.95 -0.01	53.72 3.37 -0.01	51.69 3.07 0.00	49.14 2.56 0.00	53.17 2.87 0.00	55.88 3.56 0.00	69.76 4.50 0.00	94.21 5.33 0.00	77.73 5.43 0.00	61.57 4.19 -0.01	54.31 4.57 -0.01	49.39 4.16 -0.01	46.37 3.90 -0.01	45.21 3.85 -0.01	44.29 3.73 -0.01	45.67 3.92 -0.01	57.09 4.93 -3.31	65.24 6.24 -2.81	70.58 6.12 -0.07	80.91 6.61 -0.01	73.41 6.43 -0.64	64.52 6.02 -0.01	59.24 5.16 -3.52	52.50 4.47 -0.01

LITTLE FALLS___HYD 24013	52.90 -0.53 0.00	49.93 -0.40 0.00	48.29 -0.34 0.00	46.30 -0.28 0.00	49.95 -0.35 0.00	52.06 -0.26 0.00	65.06 -0.20 0.00	88.61 -0.27 0.00	72.09 -0.22 0.00	57.21 -0.17 0.00	49.48 -0.25 0.00	44.99 -0.23 0.00	42.24 -0.21 0.00	41.11 -0.25 0.00	40.31 -0.24 0.00	41.53 -0.21 0.00	48.75 -0.10 0.00	56.14 -0.06 0.00	64.26 -0.13 0.00	74.07 -0.22 0.00	66.08 -0.27 0.00	58.25 -0.23 0.00	50.31 -0.25 0.00	47.74 -0.29 0.00
LITTLRIV_115KV_TB1 356100	53.38 -0.05 0.00	50.39 0.05 0.00	48.53 -0.10 0.00	46.44 -0.14 0.00	49.80 -0.50 0.00	51.54 -0.78 0.00	64.54 -0.72 0.00	86.84 -2.04 0.00	70.86 -1.45 0.00	55.54 -1.84 0.00	48.13 -1.59 0.00	43.73 -1.49 0.00	40.80 -1.66 0.00	39.91 -1.45 0.00	39.17 -1.38 0.00	40.49 -1.25 0.00	47.73 -1.12 0.00	54.85 -1.35 0.00	63.49 -0.90 0.00	73.47 -0.82 0.00	65.54 -0.80 0.00	58.19 -0.29 0.00	50.41 -0.15 0.00	47.84 -0.19 0.00
LI_NEWBRDGE___DRP 323616	56.38 2.94 -0.01	52.91 2.57 -0.01	51.06 2.43 0.00	48.62 2.05 0.00	52.57 2.26 0.00	54.94 2.62 0.00	68.46 3.20 0.00	93.41 4.53 0.00	75.85 3.54 0.00	60.94 3.56 -0.01	52.92 3.18 -0.01	48.21 2.98 -0.01	45.31 2.84 -0.01	44.22 2.85 -0.01	43.36 2.80 -0.01	44.63 2.88 -0.01	55.42 3.42 -3.15	63.08 4.21 -2.67	68.45 3.99 -0.06	78.83 4.53 -0.01	71.26 4.31 -0.61	62.29 3.80 -0.01	57.25 3.34 -3.35	50.87 2.83 -0.01
LOCKPORT_115KV_TB60_63_64 80432	49.11 -4.33 0.00	45.81 -4.53 0.00	44.49 -4.13 0.00	42.66 -3.91 0.00	45.93 -4.38 0.00	47.25 -5.08 0.00	57.89 -7.37 0.00	78.48 -10.40 0.00	64.06 -8.24 0.00	50.03 -7.34 0.01	44.50 -5.22 0.00	40.47 -4.75 0.00	38.21 -4.25 0.00	36.97 -4.38 0.00	36.01 -4.54 0.00	36.69 -5.05 0.00	43.08 -5.76 0.00	48.77 -7.42 0.01	56.21 -8.18 0.00	65.01 -9.29 0.00	58.18 -8.16 0.00	51.00 -7.49 0.00	45.00 -5.56 0.00	43.99 -4.03 0.00
LOCKPORT___CC1 323769	49.54 -3.90 0.00	46.21 -4.13 0.00	45.03 -3.60 0.00	43.03 -3.54 0.00	46.33 -3.98 0.00	47.66 -4.66 0.00	58.34 -6.92 0.00	79.28 -9.60 0.00	64.78 -7.52 0.00	50.48 -6.89 0.01	45.20 -4.52 0.00	40.92 -4.30 0.00	38.46 -3.99 0.00	37.26 -4.09 0.00	36.29 -4.26 0.00	36.98 -4.76 0.00	43.48 -5.37 0.00	48.99 -7.19 0.01	56.66 -7.73 0.00	65.37 -8.92 0.00	58.65 -7.69 0.00	51.40 -7.08 0.00	45.20 -5.36 0.00	44.09 -3.94 0.00
LOCKPORT___CC2 323770	49.54 -3.90 0.00	46.21 -4.13 0.00	45.03 -3.60 0.00	43.03 -3.54 0.00	46.33 -3.98 0.00	47.66 -4.66 0.00	58.34 -6.92 0.00	79.28 -9.60 0.00	64.78 -7.52 0.00	50.48 -6.89 0.01	45.20 -4.52 0.00	40.92 -4.30 0.00	38.46 -3.99 0.00	37.26 -4.09 0.00	36.29 -4.26 0.00	36.98 -4.76 0.00	43.48 -5.37 0.00	48.99 -7.19 0.01	56.66 -7.73 0.00	65.37 -8.92 0.00	58.65 -7.69 0.00	51.40 -7.08 0.00	45.20 -5.36 0.00	44.09 -3.94 0.00
LOCKPORT___CC3 323771	49.54 -3.90 0.00	46.21 -4.13 0.00	45.03 -3.60 0.00	43.03 -3.54 0.00	46.33 -3.98 0.00	47.66 -4.66 0.00	58.34 -6.92 0.00	79.28 -9.60 0.00	64.78 -7.52 0.00	50.48 -6.89 0.01	45.20 -4.52 0.00	40.92 -4.30 0.00	38.46 -3.99 0.00	37.26 -4.09 0.00	36.29 -4.26 0.00	36.98 -4.76 0.00	43.48 -5.37 0.00	48.99 -7.19 0.01	56.66 -7.73 0.00	65.37 -8.92 0.00	58.65 -7.69 0.00	51.40 -7.08 0.00	45.20 -5.36 0.00	44.09 -3.94 0.00
LOCUSVLY_69_KV_BK2 55797	56.87 3.42 -0.01	53.32 2.97 -0.01	51.45 2.82 0.00	49.00 2.42 0.00	52.97 2.67 0.00	55.35 3.03 0.00	68.91 3.65 0.00	94.21 5.33 0.00	76.43 4.12 0.00	61.47 4.07 -0.01	53.42 3.68 -0.01	48.67 3.44 -0.01	45.74 3.27 -0.01	44.59 3.23 -0.01	43.73 3.16 -0.01	45.05 3.30 -0.01	57.22 3.91 -4.46	64.65 4.66 -3.79	69.00 4.51 -0.10	79.50 5.20 -0.01	71.99 4.78 -0.87	62.76 4.27 -0.01	59.00 3.69 -4.75	51.31 3.27 -0.01
LONG_LAKE_PHOENIX 24014	52.37 -1.07 0.00	49.28 -1.06 0.00	47.61 -1.02 0.00	45.60 -0.98 0.00	49.35 -0.96 0.00	51.27 -1.05 0.00	64.02 -1.24 0.00	87.37 -1.51 0.00	71.07 -1.23 0.00	56.40 -0.98 0.00	48.93 -0.80 0.00	44.45 -0.77 0.00	41.78 -0.68 0.00	40.65 -0.70 0.00	39.78 -0.77 0.00	40.95 -0.79 0.00	47.97 -0.88 0.00	55.13 -1.07 0.00	63.17 -1.22 0.00	72.95 -1.34 0.00	65.08 -1.26 0.00	57.31 -1.17 0.00	49.60 -0.96 0.00	47.16 -0.86 0.00
LOVETT___3 23632	55.25 1.82 0.00	51.79 1.46 0.00	50.04 1.41 0.00	47.79 1.21 0.00	51.56 1.26 0.00	53.84 1.52 0.00	67.35 2.09 0.00	92.53 3.64 0.00	74.83 2.53 0.00	59.85 2.47 0.00	51.91 2.19 0.00	47.30 2.08 0.00	44.45 2.00 0.00	43.34 1.98 0.00	42.50 1.95 0.00	43.78 2.05 0.00	51.29 2.44 0.00	59.23 3.03 0.00	67.09 2.70 0.00	77.41 3.12 0.00	69.26 2.92 0.00	61.06 2.57 0.00	52.79 2.22 0.00	49.80 1.78 0.00
LOVETT___4 23642	55.25 1.82 0.00	51.79 1.46 0.00	50.04 1.41 0.00	47.79 1.21 0.00	51.56 1.26 0.00	53.84 1.52 0.00	67.35 2.09 0.00	92.53 3.64 0.00	74.83 2.53 0.00	59.85 2.47 0.00	51.91 2.19 0.00	47.30 2.08 0.00	44.45 2.00 0.00	43.34 1.98 0.00	42.50 1.95 0.00	43.78 2.05 0.00	51.29 2.44 0.00	59.23 3.03 0.00	67.09 2.70 0.00	77.41 3.12 0.00	69.26 2.92 0.00	61.06 2.57 0.00	52.79 2.22 0.00	49.80 1.78 0.00
LOVETT___5 23593	55.25 1.82 0.00	51.79 1.46 0.00	50.04 1.41 0.00	47.79 1.21 0.00	51.56 1.26 0.00	53.84 1.52 0.00	67.35 2.09 0.00	92.53 3.64 0.00	74.83 2.53 0.00	59.85 2.47 0.00	51.91 2.19 0.00	47.30 2.08 0.00	44.45 2.00 0.00	43.34 1.98 0.00	42.50 1.95 0.00	43.78 2.05 0.00	51.29 2.44 0.00	59.23 3.03 0.00	67.09 2.70 0.00	77.41 3.12 0.00	69.26 2.92 0.00	61.06 2.57 0.00	52.79 2.22 0.00	49.80 1.78 0.00
LOWER RAQUET___HYD 24057	52.53 -0.91 0.00	49.53 -0.81 0.00	47.70 -0.93 0.00	45.60 -0.98 0.00	48.84 -1.46 0.00	50.49 -1.83 0.00	63.24 -2.02 0.00	84.97 -3.91 0.00	69.48 -2.82 0.00	54.57 -2.81 0.00	47.24 -2.48 0.00	42.96 -2.26 0.00	40.16 -2.29 0.00	39.29 -2.07 0.00	38.52 -2.03 0.00	39.82 -1.92 0.00	46.94 -1.91 0.00	54.12 -2.08 0.00	62.39 -2.00 0.00	72.13 -2.16 0.00	64.28 -2.06 0.00	57.25 -1.23 0.00	49.60 -0.96 0.00	47.07 -0.96 0.00
LOWER___HUDSON 24059	54.29 0.85 0.00	51.44 1.11 0.00	49.75 1.12 0.00	47.78 1.21 0.00	51.51 1.21 0.00	53.78 1.46 0.00	67.22 1.96 0.00	91.19 2.31 0.00	73.75 1.45 0.00	58.59 1.21 0.00	50.27 0.55 0.00	45.76 0.54 0.00	42.97 0.51 0.00	41.85 0.50 0.00	41.12 0.57 0.00	42.45 0.71 0.00	49.88 1.03 0.00	57.60 1.41 0.00	65.87 1.48 0.00	76.07 1.78 0.00	67.80 1.46 0.00	59.83 1.35 0.00	51.67 1.11 0.00	48.84 0.82 0.00
LOWVILLE_115KV_TB2 356335	52.53 -0.91 0.00	49.38 -0.96 0.00	47.70 -0.92 0.00	45.92 -0.65 0.00	49.55 -0.75 0.00	51.74 -0.58 0.00	65.13 -0.13 0.00	88.26 -0.62 0.00	71.29 -1.01 0.00	56.06 -1.32 0.00	48.28 -1.44 0.00	43.95 -1.27 0.00	41.18 -1.27 0.00	40.24 -1.12 0.00	39.62 -0.93 0.00	41.15 -0.58 0.00	48.60 -0.24 0.00	56.31 0.11 0.00	64.84 0.45 0.00	75.11 0.82 0.00	66.87 0.53 0.00	58.89 0.41 0.00	50.92 0.35 0.00	48.03 0.00 0.00

LUTHERFT_115KV_GLOB_FND_222 355753	54.99 1.55 0.00	51.95 1.61 0.00	50.23 1.60 0.00	48.16 1.58 0.00	51.96 1.66 0.00	54.31 1.99 0.00	67.80 2.55 0.00	92.35 3.47 0.00	74.62 2.31 0.00	59.04 1.66 0.00	50.77 1.04 0.00	46.08 0.86 0.00	43.26 0.81 0.00	42.10 0.74 0.00	41.32 0.77 0.00	42.74 1.00 0.00	50.27 1.42 0.00	58.16 1.97 0.00	66.58 2.19 0.00	76.89 2.60 0.00	68.53 2.19 0.00	60.41 1.93 0.00	52.18 1.62 0.00	49.76 1.73 0.00
LUTHERNY_35_KV_BK2 355980	55.04 1.60 0.00	51.95 1.61 0.00	50.28 1.65 0.00	48.21 1.63 0.00	52.02 1.71 0.00	54.36 2.04 0.00	67.87 2.61 0.00	92.44 3.56 0.00	74.62 2.31 0.00	59.04 1.66 0.00	50.77 1.04 0.00	46.08 0.86 0.00	43.31 0.85 0.00	42.10 0.74 0.00	41.36 0.81 0.00	42.74 1.00 0.00	50.31 1.47 0.00	58.22 2.02 0.00	66.58 2.19 0.00	76.97 2.67 0.00	68.60 2.26 0.00	60.47 1.99 0.00	52.23 1.67 0.00	49.80 1.78 0.00
LWR__OSWEGATCHIE_HYD 23850	52.37 -1.07 0.00	49.33 -1.01 0.00	47.56 -1.07 0.00	45.64 -0.93 0.00	49.05 -1.26 0.00	50.80 -1.52 0.00	63.69 -1.57 0.00	86.04 -2.84 0.00	69.92 -2.39 0.00	54.91 -2.47 0.00	47.39 -2.34 0.00	43.09 -2.13 0.00	40.38 -2.08 0.00	39.45 -1.90 0.00	38.77 -1.78 0.00	40.19 -1.54 0.00	47.43 -1.42 0.00	54.73 -1.46 0.00	63.10 -1.29 0.00	73.10 -1.19 0.00	65.08 -1.26 0.00	57.72 -0.76 0.00	49.96 -0.61 0.00	47.26 -0.77 0.00
LYONS_FALL_HYD 23570	53.22 -0.21 0.00	50.03 -0.30 0.00	48.34 -0.29 0.00	46.48 -0.09 0.00	50.15 -0.15 0.00	52.32 0.00 0.00	65.72 0.46 0.00	89.15 0.27 0.00	72.23 -0.07 0.00	56.92 -0.46 0.00	49.08 -0.65 0.00	44.63 -0.59 0.00	41.82 -0.64 0.00	40.82 -0.54 0.00	40.11 -0.45 0.00	41.57 -0.17 0.00	49.00 0.15 0.00	56.70 0.50 0.00	65.10 0.71 0.00	75.33 1.04 0.00	67.14 0.80 0.00	59.13 0.64 0.00	51.07 0.51 0.00	48.27 0.24 0.00
MADISON__COUNTY_LFGE 323628	54.29 0.85 0.00	51.04 0.70 0.00	49.36 0.73 0.00	47.32 0.75 0.00	51.16 0.86 0.00	53.26 0.94 0.00	66.76 1.50 0.00	91.28 2.40 0.00	74.11 1.81 0.00	58.58 1.20 0.00	50.67 0.94 0.00	45.99 0.77 0.00	43.14 0.68 0.00	41.97 0.62 0.00	41.16 0.61 0.00	42.41 0.67 0.00	49.92 1.07 0.00	57.54 1.35 0.00	66.00 1.61 0.00	76.22 1.93 0.00	67.93 1.59 0.00	59.83 1.35 0.00	51.72 1.16 0.00	49.13 1.10 0.00
MALONE__115KV_TB1 356076	54.13 0.69 0.00	50.94 0.60 0.00	49.02 0.39 0.00	46.76 0.19 0.00	50.41 0.10 0.00	52.16 -0.16 0.00	65.26 0.00 0.00	89.41 0.53 0.00	73.39 1.08 0.00	57.90 0.52 0.00	50.27 0.55 0.00	45.72 0.50 0.00	42.75 0.30 0.00	41.77 0.41 0.00	40.84 0.28 0.00	42.07 0.33 0.00	48.60 -0.24 0.00	55.80 -0.39 0.00	64.45 0.06 0.00	74.44 0.15 0.00	66.54 0.20 0.00	58.83 0.35 0.00	50.81 0.25 0.00	48.12 0.10 0.00
MAPLEWOD_115KV_TB3 80458	54.29 0.85 0.00	51.34 1.01 0.00	49.70 1.07 0.00	47.65 1.07 0.00	51.36 1.06 0.00	53.58 1.26 0.00	66.96 1.70 0.00	91.10 2.22 0.00	73.75 1.45 0.00	58.58 1.20 0.00	50.42 0.70 0.00	45.85 0.63 0.00	43.05 0.59 0.00	41.93 0.58 0.00	41.16 0.61 0.00	42.53 0.79 0.00	49.92 1.07 0.00	57.66 1.46 0.00	65.74 1.35 0.00	75.93 1.63 0.00	67.67 1.33 0.00	59.71 1.23 0.00	51.62 1.06 0.00	48.89 0.86 0.00
MAPLE_RIDGE_WT_1 323574	53.38 -0.05 0.00	50.28 -0.05 0.00	48.58 -0.05 0.00	46.48 -0.09 0.00	50.20 -0.10 0.00	52.16 -0.16 0.00	65.06 -0.20 0.00	88.62 -0.27 0.00	72.16 -0.14 0.00	57.21 -0.17 0.00	49.63 -0.10 0.00	45.08 -0.14 0.00	42.33 -0.13 0.00	41.23 -0.12 0.00	40.43 -0.12 0.00	41.61 -0.12 0.00	48.70 -0.15 0.00	56.03 -0.17 0.00	64.20 -0.19 0.00	74.07 -0.22 0.00	66.14 -0.20 0.00	58.31 -0.17 0.00	50.46 -0.10 0.00	47.93 -0.10 0.00
MAPLE_RIDGE_WT_2 323611	53.38 -0.05 0.00	50.28 -0.05 0.00	48.58 -0.05 0.00	46.48 -0.09 0.00	50.20 -0.10 0.00	52.16 -0.16 0.00	65.06 -0.20 0.00	88.62 -0.27 0.00	72.16 -0.14 0.00	57.21 -0.17 0.00	49.63 -0.10 0.00	45.08 -0.14 0.00	42.33 -0.13 0.00	41.23 -0.12 0.00	40.43 -0.12 0.00	41.61 -0.12 0.00	48.70 -0.15 0.00	56.03 -0.17 0.00	64.20 -0.19 0.00	74.07 -0.22 0.00	66.14 -0.20 0.00	58.31 -0.17 0.00	50.46 -0.10 0.00	47.93 -0.10 0.00
MARBLE_RIVER_WT_PWR 323696	53.76 0.32 0.00	50.64 0.30 0.00	48.73 0.10 0.00	46.53 -0.05 0.00	50.20 -0.10 0.00	51.96 -0.36 0.00	64.81 -0.45 0.00	88.08 -0.80 0.00	72.16 -0.14 0.00	57.04 -0.34 0.00	49.63 -0.10 0.00	45.08 -0.14 0.00	42.20 -0.25 0.00	41.19 -0.16 0.00	40.31 -0.24 0.00	41.53 -0.21 0.00	48.46 -0.39 0.00	55.63 -0.56 0.00	64.13 -0.26 0.00	74.00 -0.30 0.00	66.08 -0.26 0.00	58.25 -0.23 0.00	50.41 -0.15 0.00	47.88 -0.14 0.00
MARSHVLE_115KV_TB1 80742	56.27 2.83 0.00	52.90 2.57 0.00	51.16 2.53 0.00	49.04 2.47 0.00	53.02 2.72 0.00	55.46 3.14 0.00	69.50 4.24 0.00	94.93 6.04 0.00	76.06 3.76 0.00	59.39 2.01 0.00	50.87 1.14 0.00	46.17 0.95 0.00	43.48 1.02 0.00	42.30 0.95 0.00	41.61 1.05 0.00	43.03 1.29 0.00	51.00 2.15 0.00	59.29 3.09 0.00	68.25 3.86 0.00	79.05 4.75 0.00	70.45 4.11 0.00	61.99 3.51 0.00	53.44 2.88 0.00	50.62 2.59 0.00
MARSH_HILL_WT_PWR 323713	51.62 -1.82 0.00	48.12 -2.21 0.00	46.78 -1.85 0.00	44.71 -1.86 0.00	48.44 -1.86 0.00	50.33 -1.99 0.00	62.32 -2.94 0.00	85.15 -3.73 0.00	68.98 -3.32 0.00	53.85 -3.50 0.02	47.54 -2.19 0.00	43.01 -2.21 0.00	40.38 -2.08 0.00	39.16 -2.19 0.00	38.20 -2.35 0.00	38.94 -2.80 0.00	45.97 -2.88 0.00	52.48 -3.71 0.00	60.85 -3.54 0.00	70.28 -4.01 0.00	62.89 -3.45 0.00	55.32 -3.16 0.00	48.29 -2.27 0.00	46.73 -1.29 0.00
MCINTYRE_115KV_TB2 80467	54.08 0.64 0.00	51.04 0.70 0.00	49.16 0.53 0.00	47.04 0.47 0.00	50.61 0.30 0.00	52.32 0.00 0.00	65.46 0.20 0.00	88.26 -0.62 0.00	72.01 -0.29 0.00	56.40 -0.98 0.00	48.93 -0.80 0.00	44.41 -0.81 0.00	41.44 -1.02 0.00	40.53 -0.83 0.00	39.78 -0.77 0.00	41.11 -0.63 0.00	48.26 -0.59 0.00	55.46 -0.73 0.00	64.33 -0.06 0.00	74.51 0.22 0.00	66.41 0.07 0.00	58.89 0.41 0.00	51.02 0.46 0.00	48.41 0.38 0.00
MECO____69_KV_BK1 80468	56.86 3.42 0.00	53.51 3.17 0.00	51.74 3.11 0.00	49.56 2.98 0.00	53.57 3.27 0.00	56.09 3.77 0.00	70.22 4.96 0.00	95.99 7.11 0.00	76.71 4.41 0.00	59.90 2.52 0.00	51.17 1.44 0.00	46.40 1.18 0.00	43.64 1.19 0.00	42.47 1.12 0.00	41.77 1.22 0.00	43.24 1.50 0.00	51.24 2.39 0.00	59.74 3.54 0.00	68.90 4.51 0.00	79.86 5.57 0.00	71.12 4.78 0.00	62.58 4.09 0.00	53.95 3.39 0.00	51.10 3.07 0.00
MENANDS__115KV_TB5 355628	54.08 0.64 0.00	51.19 0.86 0.00	49.50 0.88 0.00	47.51 0.93 0.00	51.16 0.86 0.00	53.37 1.05 0.00	66.63 1.37 0.00	90.66 1.78 0.00	73.46 1.16 0.00	58.35 0.98 0.00	50.27 0.55 0.00	45.72 0.50 0.00	42.97 0.51 0.00	41.81 0.45 0.00	41.08 0.53 0.00	42.41 0.67 0.00	49.73 0.88 0.00	57.43 1.24 0.00	65.48 1.09 0.00	75.55 1.26 0.00	67.40 1.06 0.00	59.42 0.94 0.00	51.42 0.86 0.00	48.70 0.67 0.00

MG INDUSTRY___DRP 24185	54.56 1.12 0.00	51.54 1.21 0.00	49.84 1.22 0.00	47.79 1.21 0.00	51.51 1.21 0.00	53.68 1.36 0.00	66.96 1.70 0.00	91.19 2.31 0.00	73.75 1.45 0.00	58.47 1.09 0.00	50.42 0.70 0.00	45.81 0.59 0.00	43.05 0.59 0.00	41.89 0.54 0.00	41.16 0.61 0.00	42.45 0.71 0.00	49.87 1.03 0.00	57.66 1.46 0.00	65.81 1.42 0.00	76.00 1.71 0.00	67.80 1.46 0.00	59.83 1.35 0.00	51.78 1.21 0.00	49.08 1.06 0.00
MID___OSWEGATCHIE_HYD 23849	52.37 -1.07 0.00	49.33 -1.01 0.00	47.56 -1.07 0.00	45.64 -0.93 0.00	49.05 -1.26 0.00	50.80 -1.52 0.00	63.69 -1.57 0.00	86.04 -2.84 0.00	69.92 -2.39 0.00	54.91 -2.47 0.00	47.39 -2.34 0.00	43.09 -2.13 0.00	40.38 -2.08 0.00	39.45 -1.90 0.00	38.77 -1.78 0.00	40.19 -1.54 0.00	47.43 -1.42 0.00	54.73 -1.46 0.00	63.10 -1.29 0.00	73.10 -1.19 0.00	65.08 -1.26 0.00	57.72 -0.76 0.00	49.96 -0.61 0.00	47.26 -0.77 0.00
MID___RAQUETTE_HYD 23851	52.53 -0.91 0.00	49.53 -0.81 0.00	47.70 -0.92 0.00	45.64 -0.93 0.00	48.85 -1.46 0.00	50.54 -1.78 0.00	63.24 -2.02 0.00	85.06 -3.82 0.00	69.48 -2.82 0.00	54.57 -2.81 0.00	47.29 -2.44 0.00	42.96 -2.26 0.00	40.16 -2.29 0.00	39.29 -2.07 0.00	38.52 -2.03 0.00	39.82 -1.92 0.00	46.99 -1.86 0.00	54.00 -2.19 0.00	62.39 -2.00 0.00	72.14 -2.15 0.00	64.35 -1.99 0.00	57.25 -1.23 0.00	49.60 -0.96 0.00	47.02 -1.01 0.00
MILLIKEN___1 23584	54.08 0.64 0.00	50.74 0.40 0.00	49.02 0.39 0.00	46.95 0.37 0.00	50.96 0.65 0.00	52.90 0.58 0.00	66.04 0.78 0.00	90.21 1.33 0.00	73.24 0.94 0.00	57.98 0.57 -0.02	50.27 0.55 0.00	45.63 0.41 0.00	42.84 0.38 0.00	41.68 0.33 0.00	40.75 0.20 0.00	41.86 0.13 0.00	49.24 0.39 0.00	56.65 0.45 0.00	65.03 0.64 0.00	75.18 0.89 0.00	67.07 0.73 0.00	59.07 0.58 0.00	51.17 0.61 0.00	48.75 0.72 0.00
MILLIKEN___2 23585	54.08 0.64 0.00	50.74 0.40 0.00	49.02 0.39 0.00	46.95 0.37 0.00	50.96 0.65 0.00	52.90 0.58 0.00	66.04 0.78 0.00	90.21 1.33 0.00	73.24 0.94 0.00	57.98 0.57 -0.02	50.27 0.55 0.00	45.63 0.41 0.00	42.84 0.38 0.00	41.68 0.33 0.00	40.75 0.20 0.00	41.86 0.13 0.00	49.24 0.39 0.00	56.65 0.45 0.00	65.03 0.64 0.00	75.18 0.89 0.00	67.07 0.73 0.00	59.07 0.58 0.00	51.17 0.61 0.00	48.75 0.72 0.00
MILLIKEN___DIESEL 23629	54.08 0.64 0.00	50.74 0.40 0.00	49.02 0.39 0.00	46.95 0.37 0.00	50.96 0.65 0.00	52.90 0.58 0.00	66.04 0.78 0.00	90.21 1.33 0.00	73.24 0.94 0.00	57.98 0.57 -0.02	50.27 0.55 0.00	45.63 0.41 0.00	42.84 0.38 0.00	41.68 0.33 0.00	40.75 0.20 0.00	41.86 0.13 0.00	49.24 0.39 0.00	56.65 0.45 0.00	65.03 0.64 0.00	75.18 0.89 0.00	67.07 0.73 0.00	59.07 0.58 0.00	51.17 0.61 0.00	48.75 0.72 0.00
MILLSEAT___LFGE 323607	50.66 -2.78 0.00	47.26 -3.07 0.00	46.00 -2.63 0.00	44.01 -2.56 0.00	47.44 -2.87 0.00	48.92 -3.40 0.00	60.10 -5.16 0.00	81.95 -6.93 0.00	66.95 -5.35 0.00	52.21 -5.16 0.01	46.49 -3.23 0.00	42.10 -3.12 0.00	39.53 -2.93 0.00	38.29 -3.06 0.00	37.31 -3.25 0.00	38.07 -3.67 0.00	44.79 -4.05 0.00	50.68 -5.50 0.01	58.66 -5.73 0.00	67.68 -6.61 0.00	60.77 -5.57 0.00	53.16 -5.32 0.00	46.57 -4.00 0.00	45.24 -2.79 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	55.52 2.08 0.00	52.10 1.76 0.00	50.28 1.65 0.00	48.02 1.44 0.00	51.81 1.51 0.00	54.10 1.78 0.00	67.67 2.41 0.00	92.97 4.09 0.00	75.27 2.96 0.00	60.19 2.81 0.00	52.16 2.44 0.00	47.53 2.31 0.00	44.62 2.17 0.00	43.50 2.15 0.00	42.66 2.11 0.00	43.99 2.25 0.00	51.54 2.69 0.00	59.57 3.37 0.00	67.48 3.09 0.00	77.86 3.57 0.00	69.59 3.25 0.00	61.41 2.92 0.00	53.04 2.48 0.00	50.09 2.07 0.00
MILLWOOD_13_KV_LOAD 356217	55.68 2.24 0.00	52.20 1.86 0.00	50.38 1.75 0.00	48.11 1.54 0.00	51.91 1.61 0.00	54.20 1.88 0.00	67.80 2.55 0.00	93.24 4.36 0.00	75.41 3.11 0.00	60.31 2.93 0.00	52.31 2.59 0.00	47.62 2.40 0.00	44.71 2.25 0.00	43.59 2.23 0.00	42.74 2.19 0.00	44.08 2.34 0.00	51.63 2.78 0.00	59.68 3.48 0.00	67.61 3.22 0.00	78.01 3.71 0.00	69.79 3.45 0.00	61.52 3.04 0.00	53.19 2.63 0.00	50.19 2.16 0.00
MODEL_CITY_ENERGY 24167	48.89 -4.54 0.00	45.66 -4.68 0.00	44.49 -4.13 0.00	42.52 -4.05 0.00	45.73 -4.58 0.00	47.04 -5.28 0.00	57.56 -7.70 0.00	78.12 -10.76 0.00	63.84 -8.46 0.00	49.74 -7.63 0.01	44.55 -5.17 0.00	40.34 -4.88 0.00	37.95 -4.50 0.00	36.76 -4.59 0.00	35.85 -4.70 0.00	36.48 -5.26 0.00	42.89 -5.96 0.00	48.32 -7.87 0.01	55.83 -8.56 0.00	64.41 -9.88 0.00	57.78 -8.56 0.00	50.65 -7.84 0.00	44.60 -5.97 0.00	43.51 -4.52 0.00
MODERN_LFGE___ 323580	48.89 -4.54 0.00	45.66 -4.68 0.00	44.49 -4.13 0.00	42.52 -4.05 0.00	45.73 -4.58 0.00	47.04 -5.28 0.00	57.56 -7.70 0.00	78.12 -10.76 0.00	63.84 -8.46 0.00	49.74 -7.63 0.01	44.55 -5.17 0.00	40.34 -4.88 0.00	37.95 -4.50 0.00	36.76 -4.59 0.00	35.85 -4.70 0.00	36.48 -5.26 0.00	42.89 -5.96 0.00	48.32 -7.87 0.01	55.83 -8.56 0.00	64.41 -9.88 0.00	57.78 -8.56 0.00	50.65 -7.84 0.00	44.60 -5.97 0.00	43.51 -4.52 0.00
MOHAWK_PAPER___DRP 24187	54.29 0.85 0.00	51.34 1.01 0.00	49.70 1.07 0.00	47.65 1.07 0.00	51.36 1.06 0.00	53.58 1.26 0.00	66.96 1.70 0.00	91.10 2.22 0.00	73.75 1.45 0.00	58.58 1.20 0.00	50.42 0.70 0.00	45.85 0.63 0.00	43.05 0.59 0.00	41.93 0.58 0.00	41.16 0.61 0.00	42.53 0.79 0.00	49.92 1.07 0.00	57.66 1.46 0.00	65.74 1.35 0.00	75.93 1.63 0.00	67.67 1.33 0.00	59.71 1.23 0.00	51.62 1.06 0.00	48.89 0.86 0.00
MOHICAN_35_KV_115KV_LD 80490	54.67 1.23 0.00	51.59 1.26 0.00	49.89 1.26 0.00	47.88 1.30 0.00	51.66 1.36 0.00	54.05 1.73 0.00	67.54 2.28 0.00	92.17 3.29 0.00	74.26 1.95 0.00	58.58 1.20 0.00	50.32 0.60 0.00	45.63 0.41 0.00	42.84 0.38 0.00	41.64 0.29 0.00	40.88 0.32 0.00	42.32 0.58 0.00	49.92 1.07 0.00	57.83 1.63 0.00	66.19 1.80 0.00	76.59 2.30 0.00	68.20 1.86 0.00	60.06 1.58 0.00	51.88 1.31 0.00	50.00 1.97 0.00
MONGAUP___HYD 23641	55.68 2.24 0.00	52.30 1.96 0.00	50.48 1.85 0.00	48.16 1.58 0.00	52.02 1.71 0.00	54.42 2.09 0.00	67.68 2.42 0.00	92.79 3.91 0.00	74.98 2.68 0.00	59.39 2.01 0.00	51.27 1.54 0.00	46.62 1.40 0.00	43.81 1.36 0.00	42.80 1.45 0.00	41.97 1.42 0.00	43.24 1.50 0.00	50.80 1.96 0.00	58.95 2.75 0.00	67.22 2.83 0.00	77.71 3.42 0.00	69.59 3.25 0.00	61.23 2.75 0.00	52.89 2.33 0.00	50.19 2.16 0.00
MONTAUK___DIESEL 23721	59.11 5.66 -0.01	55.38 5.03 -0.01	53.39 4.77 0.00	50.77 4.19 0.00	54.93 4.63 0.00	57.55 5.23 0.00	72.05 6.79 0.00	97.24 8.35 0.00	79.10 6.80 0.00	63.64 6.25 -0.01	56.05 6.32 -0.01	50.93 5.70 -0.01	47.73 5.26 -0.01	46.45 5.09 -0.01	45.47 4.91 -0.01	47.01 5.26 -0.01	58.75 6.59 -3.31	67.32 8.32 -2.81	73.02 8.56 -0.07	83.59 9.29 -0.01	75.94 8.96 -0.64	66.74 8.25 -0.01	61.06 6.98 -3.52	54.18 6.15 -0.01

MOONROAD_115KV_HARTFLD_TB1-2 355988	50.55 -2.89 0.00	47.16 -3.17 0.00	45.76 -2.87 0.00	43.83 -2.75 0.00	47.34 -2.97 0.00	49.08 -3.24 0.00	60.82 -4.44 0.00	82.75 -6.13 0.00	67.24 -5.06 0.00	52.66 -4.71 0.01	46.74 -2.98 0.00	42.51 -2.71 0.00	40.12 -2.34 0.00	38.79 -2.56 0.00	37.83 -2.72 0.00	38.53 -3.21 0.00	45.28 -3.57 0.00	51.52 -4.66 0.01	59.50 -4.89 0.00	68.94 -5.35 0.00	61.70 -4.64 0.00	54.10 -4.39 0.00	47.43 -3.13 0.00	46.20 -1.83 0.00
MORRIS RIDGE___SOLAR 323848	51.09 -2.35 0.00	47.67 -2.67 0.00	46.29 -2.33 0.00	44.25 -2.33 0.00	47.79 -2.51 0.00	49.55 -2.77 0.00	61.28 -3.98 0.00	83.46 -5.42 0.00	67.75 -4.55 0.00	52.89 -4.48 0.01	46.74 -2.98 0.00	42.32 -2.90 0.00	39.74 -2.72 0.00	38.50 -2.85 0.00	37.59 -2.96 0.00	38.40 -3.34 0.00	45.18 -3.66 0.00	51.58 -4.61 0.01	59.75 -4.64 0.00	69.09 -5.20 0.00	61.83 -4.51 0.00	54.33 -4.15 0.00	47.53 -3.03 0.00	46.01 -2.02 0.00
MORTIMER_115KV_TB3 55949	51.99 -1.44 0.00	48.67 -1.66 0.00	47.12 -1.51 0.00	45.18 -1.40 0.00	48.80 -1.51 0.00	50.59 -1.73 0.00	62.65 -2.61 0.00	85.50 -3.38 0.00	69.92 -2.39 0.00	55.14 -2.24 0.01	48.33 -1.39 0.00	43.95 -1.27 0.00	41.35 -1.10 0.00	40.15 -1.20 0.00	39.13 -1.42 0.00	40.11 -1.63 0.00	47.14 -1.71 0.00	53.78 -2.42 0.00	61.81 -2.58 0.00	71.32 -2.97 0.00	63.75 -2.59 0.00	55.91 -2.57 0.00	48.64 -1.92 0.00	46.73 -1.30 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	55.95 2.51 0.00	52.40 2.06 0.00	50.57 1.95 0.00	48.25 1.68 0.00	52.12 1.81 0.00	54.41 2.09 0.00	68.00 2.74 0.00	93.59 4.71 0.00	75.77 3.47 0.00	60.65 3.27 0.00	52.66 2.93 0.00	47.98 2.76 0.00	45.05 2.59 0.00	43.92 2.56 0.00	43.02 2.47 0.00	44.37 2.63 0.00	52.02 3.18 0.00	60.07 3.88 0.00	67.93 3.54 0.00	78.38 4.09 0.00	70.06 3.72 0.00	61.82 3.33 0.00	53.44 2.88 0.00	50.43 2.40 0.00
MUNSVILLE_WIND_PWR 323609	55.79 2.35 0.00	52.35 2.02 0.00	50.58 1.95 0.00	48.58 2.00 0.00	52.52 2.21 0.00	54.73 2.41 0.00	69.04 3.78 0.00	94.21 5.33 0.00	76.42 4.12 0.00	60.03 2.64 -0.01	51.76 2.04 0.00	46.89 1.67 0.00	43.81 1.36 0.00	42.64 1.28 0.00	41.81 1.26 0.00	43.20 1.46 0.00	51.19 2.34 0.00	59.45 3.26 0.00	68.38 3.99 0.00	79.05 4.76 0.00	70.32 3.98 0.00	61.64 3.16 0.00	53.39 2.83 0.00	50.76 2.74 0.00
N SALMON___HYD 24042	54.13 0.69 0.00	50.94 0.61 0.00	49.02 0.39 0.00	46.76 0.19 0.00	50.41 0.10 0.00	52.16 -0.16 0.00	65.26 0.00 0.00	89.42 0.54 0.00	73.39 1.09 0.00	57.89 0.52 0.00	50.27 0.55 0.00	45.72 0.50 0.00	42.76 0.30 0.00	41.77 0.41 0.00	40.84 0.29 0.00	42.07 0.33 0.00	48.56 -0.29 0.00	55.92 -0.28 0.00	64.45 0.06 0.00	74.44 0.15 0.00	66.54 0.20 0.00	58.84 0.35 0.00	50.82 0.25 0.00	48.22 0.19 0.00
N.AKRON___115KV_KNAPP 355671	50.23 -3.21 0.00	46.86 -3.47 0.00	45.47 -3.16 0.00	43.59 -2.98 0.00	46.98 -3.32 0.00	48.50 -3.82 0.00	59.58 -5.68 0.00	80.97 -7.91 0.00	66.16 -6.15 0.00	51.63 -5.74 0.01	45.80 -3.93 0.00	41.60 -3.62 0.00	39.27 -3.18 0.00	38.00 -3.35 0.00	36.98 -3.57 0.00	37.69 -4.05 0.00	44.35 -4.49 0.00	50.34 -5.84 0.01	58.08 -6.31 0.00	67.09 -7.21 0.00	60.10 -6.24 0.00	52.63 -5.85 0.00	46.26 -4.30 0.00	45.05 -2.98 0.00
N.E_GEN_SANDY PD 24062	54.40 0.96 0.00	51.49 1.16 0.00	49.79 1.17 0.00	47.83 1.26 0.00	51.56 1.26 0.00	53.84 1.52 0.00	71.00 2.09 -3.65	90.30 2.40 0.98	73.89 1.59 0.00	58.87 1.49 0.00	50.52 0.79 0.00	46.03 0.81 0.00	43.22 0.77 0.00	42.14 0.78 0.00	41.40 0.85 0.00	42.70 0.96 0.00	50.12 1.27 0.00	57.88 1.68 0.00	66.00 1.61 0.00	76.22 1.93 0.00	68.00 1.66 0.00	60.00 1.52 0.00	51.83 1.26 0.00	48.94 0.91 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	55.31 1.87 0.00	51.90 1.56 0.00	50.09 1.46 0.00	47.83 1.26 0.00	51.61 1.31 0.00	53.89 1.57 0.00	67.41 2.15 0.00	92.70 3.82 0.00	74.98 2.68 0.00	59.96 2.58 0.00	51.96 2.24 0.00	47.35 2.13 0.00	44.49 2.04 0.00	43.42 2.07 0.00	42.54 1.99 0.00	43.83 2.09 0.00	51.34 2.49 0.00	59.34 3.15 0.00	67.22 2.83 0.00	77.56 3.27 0.00	69.39 3.05 0.00	61.17 2.69 0.00	52.89 2.33 0.00	49.90 1.87 0.00
N.QUEENS_27_KV_LOAD 356247	56.38 2.94 0.00	52.65 2.32 0.00	50.72 2.09 0.00	48.30 1.72 0.00	52.17 1.86 0.00	54.20 1.88 0.00	67.28 2.02 0.00	92.79 3.91 0.00	75.34 3.04 0.00	60.48 3.10 0.00	52.66 2.93 0.00	48.02 2.80 0.00	45.09 2.63 0.00	44.00 2.65 0.00	43.07 2.51 0.00	44.41 2.67 0.00	52.07 3.22 0.00	60.13 3.93 0.00	67.74 3.35 0.00	78.08 3.79 0.00	69.79 3.45 0.00	61.70 3.22 0.00	53.39 2.83 0.00	50.67 2.64 0.00
N.TROY___115KV_TB1 355778	54.35 0.91 0.00	51.44 1.11 0.00	49.79 1.17 0.00	47.79 1.21 0.00	51.51 1.21 0.00	53.84 1.52 0.00	67.28 2.02 0.00	91.28 2.40 0.00	73.82 1.52 0.00	58.58 1.20 0.00	50.37 0.65 0.00	45.76 0.54 0.00	42.97 0.51 0.00	41.85 0.50 0.00	41.12 0.57 0.00	42.45 0.71 0.00	49.87 1.03 0.00	57.66 1.46 0.00	65.87 1.48 0.00	76.07 1.78 0.00	67.80 1.46 0.00	59.83 1.35 0.00	51.67 1.11 0.00	48.99 0.96 0.00
NARROWS_GT1_1 24228	56.32 2.88 0.00	52.70 2.37 0.00	50.77 2.14 0.00	48.39 1.81 0.00	52.26 1.96 0.00	54.57 2.25 0.00	67.54 2.28 0.00	93.24 4.35 0.00	75.48 3.18 0.00	60.65 3.27 0.00	52.81 3.08 0.00	48.20 2.98 0.00	45.30 2.84 0.00	44.17 2.81 0.00	43.31 2.76 0.00	44.58 2.84 0.00	52.37 3.52 0.00	60.41 4.22 0.00	67.86 3.47 0.00	78.30 4.01 0.00	69.99 3.65 0.00	62.28 3.80 0.00	53.80 3.24 0.00	50.76 2.74 0.00
NARROWS_GT1_2 24229	56.32 2.88 0.00	52.70 2.37 0.00	50.77 2.14 0.00	48.39 1.81 0.00	52.26 1.96 0.00	54.57 2.25 0.00	67.54 2.28 0.00	93.24 4.35 0.00	75.48 3.18 0.00	60.65 3.27 0.00	52.81 3.08 0.00	48.20 2.98 0.00	45.30 2.84 0.00	44.17 2.81 0.00	43.31 2.76 0.00	44.58 2.84 0.00	52.37 3.52 0.00	60.41 4.22 0.00	67.86 3.47 0.00	78.30 4.01 0.00	69.99 3.65 0.00	62.28 3.80 0.00	53.80 3.24 0.00	50.76 2.74 0.00
NARROWS_GT1_3 24230	56.32 2.88 0.00	52.70 2.37 0.00	50.77 2.14 0.00	48.39 1.81 0.00	52.26 1.96 0.00	54.57 2.25 0.00	67.54 2.28 0.00	93.24 4.35 0.00	75.48 3.18 0.00	60.65 3.27 0.00	52.81 3.08 0.00	48.20 2.98 0.00	45.30 2.84 0.00	44.17 2.81 0.00	43.31 2.76 0.00	44.58 2.84 0.00	52.37 3.52 0.00	60.41 4.22 0.00	67.86 3.47 0.00	78.30 4.01 0.00	69.99 3.65 0.00	62.28 3.80 0.00	53.80 3.24 0.00	50.76 2.74 0.00
NARROWS_GT1_4 24231	56.32 2.88 0.00	52.70 2.37 0.00	50.77 2.14 0.00	48.39 1.81 0.00	52.26 1.96 0.00	54.57 2.25 0.00	67.54 2.28 0.00	93.24 4.35 0.00	75.48 3.18 0.00	60.65 3.27 0.00	52.81 3.08 0.00	48.20 2.98 0.00	45.30 2.84 0.00	44.17 2.81 0.00	43.31 2.76 0.00	44.58 2.84 0.00	52.37 3.52 0.00	60.41 4.22 0.00	67.86 3.47 0.00	78.30 4.01 0.00	69.99 3.65 0.00	62.28 3.80 0.00	53.80 3.24 0.00	50.76 2.74 0.00

NARROWS_GT1_5 24232	56.32 2.88 0.00	52.70 2.37 0.00	50.77 2.14 0.00	48.39 1.81 0.00	52.26 1.96 0.00	54.57 2.25 0.00	67.54 2.28 0.00	93.24 4.35 0.00	75.48 3.18 0.00	60.65 3.27 0.00	52.81 3.08 0.00	48.20 2.98 0.00	45.30 2.84 0.00	44.17 2.81 0.00	43.31 2.76 0.00	44.58 2.84 0.00	52.37 3.52 0.00	60.41 4.22 0.00	67.86 3.47 0.00	78.30 4.01 0.00	69.99 3.65 0.00	62.28 3.80 0.00	53.80 3.24 0.00	50.76 2.74 0.00
NARROWS_GT1_6 24233	56.32 2.88 0.00	52.70 2.37 0.00	50.77 2.14 0.00	48.39 1.81 0.00	52.26 1.96 0.00	54.57 2.25 0.00	67.54 2.28 0.00	93.24 4.35 0.00	75.48 3.18 0.00	60.65 3.27 0.00	52.81 3.08 0.00	48.20 2.98 0.00	45.30 2.84 0.00	44.17 2.81 0.00	43.31 2.76 0.00	44.58 2.84 0.00	52.37 3.52 0.00	60.41 4.22 0.00	67.86 3.47 0.00	78.30 4.01 0.00	69.99 3.65 0.00	62.28 3.80 0.00	53.80 3.24 0.00	50.76 2.74 0.00
NARROWS_GT1_7 24234	56.32 2.88 0.00	52.70 2.37 0.00	50.77 2.14 0.00	48.39 1.81 0.00	52.26 1.96 0.00	54.57 2.25 0.00	67.54 2.28 0.00	93.24 4.35 0.00	75.48 3.18 0.00	60.65 3.27 0.00	52.81 3.08 0.00	48.20 2.98 0.00	45.30 2.84 0.00	44.17 2.81 0.00	43.31 2.76 0.00	44.58 2.84 0.00	52.37 3.52 0.00	60.41 4.22 0.00	67.86 3.47 0.00	78.30 4.01 0.00	69.99 3.65 0.00	62.28 3.80 0.00	53.80 3.24 0.00	50.76 2.74 0.00
NARROWS_GT1_8 24235	56.32 2.88 0.00	52.70 2.37 0.00	50.77 2.14 0.00	48.39 1.81 0.00	52.26 1.96 0.00	54.57 2.25 0.00	67.54 2.28 0.00	93.24 4.35 0.00	75.48 3.18 0.00	60.65 3.27 0.00	52.81 3.08 0.00	48.20 2.98 0.00	45.30 2.84 0.00	44.17 2.81 0.00	43.31 2.76 0.00	44.58 2.84 0.00	52.37 3.52 0.00	60.41 4.22 0.00	67.86 3.47 0.00	78.30 4.01 0.00	69.99 3.65 0.00	62.28 3.80 0.00	53.80 3.24 0.00	50.76 2.74 0.00
NARROWS_GT2_1 24236	56.32 2.88 0.00	52.70 2.37 0.00	50.77 2.14 0.00	48.39 1.81 0.00	52.26 1.96 0.00	54.57 2.25 0.00	67.54 2.28 0.00	93.24 4.35 0.00	75.48 3.18 0.00	60.65 3.27 0.00	52.81 3.08 0.00	48.20 2.98 0.00	45.30 2.84 0.00	44.17 2.81 0.00	43.31 2.76 0.00	44.58 2.84 0.00	52.37 3.52 0.00	60.41 4.22 0.00	67.86 3.47 0.00	78.30 4.01 0.00	69.99 3.65 0.00	62.28 3.80 0.00	53.80 3.24 0.00	50.76 2.74 0.00
NARROWS_GT2_2 24237	56.32 2.88 0.00	52.70 2.37 0.00	50.77 2.14 0.00	48.39 1.81 0.00	52.26 1.96 0.00	54.57 2.25 0.00	67.54 2.28 0.00	93.24 4.35 0.00	75.48 3.18 0.00	60.65 3.27 0.00	52.81 3.08 0.00	48.20 2.98 0.00	45.30 2.84 0.00	44.17 2.81 0.00	43.31 2.76 0.00	44.58 2.84 0.00	52.37 3.52 0.00	60.41 4.22 0.00	67.86 3.47 0.00	78.30 4.01 0.00	69.99 3.65 0.00	62.28 3.80 0.00	53.80 3.24 0.00	50.76 2.74 0.00
NARROWS_GT2_3 24238	56.32 2.88 0.00	52.70 2.37 0.00	50.77 2.14 0.00	48.39 1.81 0.00	52.26 1.96 0.00	54.57 2.25 0.00	67.54 2.28 0.00	93.24 4.35 0.00	75.48 3.18 0.00	60.65 3.27 0.00	52.81 3.08 0.00	48.20 2.98 0.00	45.30 2.84 0.00	44.17 2.81 0.00	43.31 2.76 0.00	44.58 2.84 0.00	52.37 3.52 0.00	60.41 4.22 0.00	67.86 3.47 0.00	78.30 4.01 0.00	69.99 3.65 0.00	62.28 3.80 0.00	53.80 3.24 0.00	50.76 2.74 0.00
NARROWS_GT2_4 24239	56.32 2.88 0.00	52.70 2.37 0.00	50.77 2.14 0.00	48.39 1.81 0.00	52.26 1.96 0.00	54.57 2.25 0.00	67.54 2.28 0.00	93.24 4.35 0.00	75.48 3.18 0.00	60.65 3.27 0.00	52.81 3.08 0.00	48.20 2.98 0.00	45.30 2.84 0.00	44.17 2.81 0.00	43.31 2.76 0.00	44.58 2.84 0.00	52.37 3.52 0.00	60.41 4.22 0.00	67.86 3.47 0.00	78.30 4.01 0.00	69.99 3.65 0.00	62.28 3.80 0.00	53.80 3.24 0.00	50.76 2.74 0.00
NARROWS_GT2_5 24240	56.32 2.88 0.00	52.70 2.37 0.00	50.77 2.14 0.00	48.39 1.81 0.00	52.26 1.96 0.00	54.57 2.25 0.00	67.54 2.28 0.00	93.24 4.35 0.00	75.48 3.18 0.00	60.65 3.27 0.00	52.81 3.08 0.00	48.20 2.98 0.00	45.30 2.84 0.00	44.17 2.81 0.00	43.31 2.76 0.00	44.58 2.84 0.00	52.37 3.52 0.00	60.41 4.22 0.00	67.86 3.47 0.00	78.30 4.01 0.00	69.99 3.65 0.00	62.28 3.80 0.00	53.80 3.24 0.00	50.76 2.74 0.00
NARROWS_GT2_6 24241	56.32 2.88 0.00	52.70 2.37 0.00	50.77 2.14 0.00	48.39 1.81 0.00	52.26 1.96 0.00	54.57 2.25 0.00	67.54 2.28 0.00	93.24 4.35 0.00	75.48 3.18 0.00	60.65 3.27 0.00	52.81 3.08 0.00	48.20 2.98 0.00	45.30 2.84 0.00	44.17 2.81 0.00	43.31 2.76 0.00	44.58 2.84 0.00	52.37 3.52 0.00	60.41 4.22 0.00	67.86 3.47 0.00	78.30 4.01 0.00	69.99 3.65 0.00	62.28 3.80 0.00	53.80 3.24 0.00	50.76 2.74 0.00
NARROWS_GT2_7 24242	56.32 2.88 0.00	52.70 2.37 0.00	50.77 2.14 0.00	48.39 1.81 0.00	52.26 1.96 0.00	54.57 2.25 0.00	67.54 2.28 0.00	93.24 4.35 0.00	75.48 3.18 0.00	60.65 3.27 0.00	52.81 3.08 0.00	48.20 2.98 0.00	45.30 2.84 0.00	44.17 2.81 0.00	43.31 2.76 0.00	44.58 2.84 0.00	52.37 3.52 0.00	60.41 4.22 0.00	67.86 3.47 0.00	78.30 4.01 0.00	69.99 3.65 0.00	62.28 3.80 0.00	53.80 3.24 0.00	50.76 2.74 0.00
NARROWS_GT2_8 24243	56.32 2.88 0.00	52.70 2.37 0.00	50.77 2.14 0.00	48.39 1.81 0.00	52.26 1.96 0.00	54.57 2.25 0.00	67.54 2.28 0.00	93.24 4.35 0.00	75.48 3.18 0.00	60.65 3.27 0.00	52.81 3.08 0.00	48.20 2.98 0.00	45.30 2.84 0.00	44.17 2.81 0.00	43.31 2.76 0.00	44.58 2.84 0.00	52.37 3.52 0.00	60.41 4.22 0.00	67.86 3.47 0.00	78.30 4.01 0.00	69.99 3.65 0.00	62.28 3.80 0.00	53.80 3.24 0.00	50.76 2.74 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	55.25 1.82 0.00	52.25 1.91 0.00	50.52 1.90 0.00	48.39 1.82 0.00	52.22 1.91 0.00	54.47 2.15 0.00	68.00 2.74 0.00	92.79 3.91 0.00	74.83 2.53 0.00	59.04 1.66 0.00	50.62 0.90 0.00	45.90 0.68 0.00	43.14 0.68 0.00	41.93 0.58 0.00	41.20 0.65 0.00	42.62 0.88 0.00	50.12 1.27 0.00	58.22 2.02 0.00	66.64 2.25 0.00	77.11 2.82 0.00	68.86 2.52 0.00	60.65 2.16 0.00	52.43 1.87 0.00	49.71 1.68 0.00
NCHELSEA_115KV_TR2 355582	55.84 2.40 0.00	52.45 2.11 0.00	50.62 1.99 0.00	48.35 1.77 0.00	52.22 1.91 0.00	54.52 2.20 0.00	68.20 2.94 0.00	93.77 4.89 0.00	75.77 3.47 0.00	60.42 3.04 0.00	52.21 2.49 0.00	47.48 2.26 0.00	44.62 2.17 0.00	43.50 2.15 0.00	42.66 2.11 0.00	43.99 2.25 0.00	51.54 2.69 0.00	59.68 3.48 0.00	67.80 3.41 0.00	78.23 3.94 0.00	69.99 3.65 0.00	61.70 3.22 0.00	53.29 2.73 0.00	50.33 2.31 0.00
NEG CAPITAL__MECHNVIL 23645	55.10 1.66 0.00	52.05 1.71 0.00	50.33 1.70 0.00	48.30 1.72 0.00	52.06 1.76 0.00	54.42 2.09 0.00	68.00 2.74 0.00	92.53 3.65 0.00	74.76 2.46 0.00	59.21 1.84 0.00	50.87 1.14 0.00	46.21 0.99 0.00	43.39 0.93 0.00	42.22 0.87 0.00	41.44 0.89 0.00	42.87 1.13 0.00	50.41 1.56 0.00	58.33 2.13 0.00	66.70 2.31 0.00	77.11 2.82 0.00	68.73 2.38 0.00	60.58 2.10 0.00	52.28 1.72 0.00	49.42 1.39 0.00

NEG CENTRAL_HIGH_ACRES 23767	51.67 -1.76 0.00	48.42 -1.91 0.00	46.88 -1.75 0.00	44.90 -1.67 0.00	48.59 -1.71 0.00	50.39 -1.93 0.00	62.52 -2.74 0.00	85.50 -3.38 0.00	69.85 -2.46 0.00	55.14 -2.24 0.00	48.38 -1.34 0.00	43.86 -1.36 0.00	41.22 -1.23 0.00	40.03 -1.32 0.00	39.01 -1.54 0.00	40.07 -1.67 0.00	47.04 -1.81 0.00	53.67 -2.53 0.00	61.69 -2.70 0.00	71.10 -3.19 0.00	63.56 -2.78 0.00	55.79 -2.69 0.00	48.44 -2.12 0.00	46.39 -1.63 0.00
NEG CENTRAL___DRP 24199	53.06 -0.37 0.00	49.78 -0.55 0.00	48.14 -0.49 0.00	46.11 -0.47 0.00	50.00 -0.30 0.00	51.90 -0.42 0.00	64.48 -0.78 0.00	88.08 -0.80 0.00	71.58 -0.72 0.00	56.68 -0.69 0.01	49.48 -0.25 0.00	44.95 -0.27 0.00	42.20 -0.25 0.00	41.02 -0.33 0.00	40.06 -0.49 0.00	41.15 -0.58 0.00	48.31 -0.54 0.00	55.35 -0.84 0.00	63.42 -0.97 0.00	73.25 -1.04 0.00	65.41 -0.93 0.00	57.72 -0.76 0.00	50.06 -0.51 0.00	47.84 -0.19 0.00
NEG CENTRAL___INDECK 23768	53.49 0.05 0.00	49.93 -0.40 0.00	48.43 -0.19 0.00	46.34 -0.23 0.00	50.25 -0.05 0.00	52.11 -0.21 0.00	64.67 -0.59 0.00	88.35 -0.53 0.00	71.51 -0.79 0.00	55.82 -1.55 0.01	48.98 -0.74 0.00	44.22 -1.00 0.00	41.52 -0.93 0.00	40.32 -1.03 0.00	39.29 -1.26 0.00	40.28 -1.46 0.00	47.53 -1.32 0.00	54.39 -1.80 0.00	63.29 -1.09 0.00	73.40 -0.89 0.00	65.74 -0.60 0.00	57.54 -0.94 0.00	50.06 -0.51 0.00	48.17 0.14 0.00
NEG CENTRAL___SENECA 23627	52.96 -0.48 0.00	49.63 -0.70 0.00	48.04 -0.58 0.00	46.02 -0.56 0.00	49.90 -0.40 0.00	51.74 -0.58 0.00	64.08 -1.17 0.00	87.55 -1.33 0.00	71.15 -1.16 0.00	56.28 -1.09 0.01	49.28 -0.45 0.00	44.77 -0.45 0.00	42.07 -0.38 0.00	40.86 -0.50 0.00	39.86 -0.69 0.00	40.90 -0.83 0.00	48.07 -0.78 0.00	54.96 -1.24 0.00	62.97 -1.42 0.00	72.73 -1.56 0.00	64.88 -1.46 0.00	57.43 -1.05 0.00	49.85 -0.71 0.00	47.79 -0.24 0.00
NEG CENTRAL___STATE_STREET 24147	53.33 -0.11 0.00	50.08 -0.25 0.00	48.38 -0.24 0.00	46.34 -0.23 0.00	50.25 -0.05 0.00	52.22 -0.10 0.00	65.06 -0.20 0.00	88.88 0.00 0.00	72.23 -0.07 0.00	57.27 -0.11 0.00	49.77 0.05 0.00	45.22 0.00 0.00	42.46 0.00 0.00	41.31 -0.04 0.00	40.39 -0.16 0.00	41.53 -0.21 0.00	48.75 -0.10 0.00	55.97 -0.22 0.00	64.20 -0.19 0.00	74.14 -0.15 0.00	66.14 -0.20 0.00	58.25 -0.23 0.00	50.46 -0.10 0.00	48.08 0.05 0.00
NEG MILLWOOD___DRP 24198	56.11 2.67 0.00	52.65 2.32 0.00	50.82 2.19 0.00	48.58 2.00 0.00	52.42 2.11 0.00	54.73 2.41 0.00	68.46 3.20 0.00	94.30 5.42 0.00	76.14 3.83 0.00	60.82 3.44 0.00	52.61 2.88 0.00	47.84 2.62 0.00	44.88 2.42 0.00	43.71 2.36 0.00	42.86 2.31 0.00	44.20 2.46 0.00	51.83 2.98 0.00	60.02 3.82 0.00	68.06 3.67 0.00	78.60 4.31 0.00	70.32 3.98 0.00	61.99 3.51 0.00	53.65 3.08 0.00	50.57 2.55 0.00
NEG NORTH_FLCN_SEA 23793	55.25 1.82 0.00	51.90 1.56 0.00	49.94 1.31 0.00	47.55 0.98 0.00	51.36 1.06 0.00	53.16 0.84 0.00	66.37 1.11 0.00	90.13 1.24 0.00	74.04 1.74 0.00	58.41 1.03 0.00	50.72 0.99 0.00	46.08 0.86 0.00	43.09 0.64 0.00	42.10 0.74 0.00	41.20 0.65 0.00	42.45 0.71 0.00	49.53 0.68 0.00	56.87 0.67 0.00	65.68 1.29 0.00	75.85 1.56 0.00	67.80 1.46 0.00	59.83 1.35 0.00	51.67 1.11 0.00	48.99 0.96 0.00
NEG NORTH_KES_CHATEGAY 23792	53.92 0.48 0.00	50.79 0.45 0.00	48.87 0.24 0.00	46.62 0.05 0.00	50.30 0.00 0.00	52.06 -0.26 0.00	64.93 -0.33 0.00	88.17 -0.71 0.00	72.23 -0.07 0.00	57.03 -0.34 0.00	49.63 -0.10 0.00	45.08 -0.14 0.00	42.20 -0.25 0.00	41.15 -0.21 0.00	40.31 -0.24 0.00	41.53 -0.21 0.00	48.51 -0.34 0.00	55.63 -0.56 0.00	64.26 -0.13 0.00	74.22 -0.07 0.00	66.27 -0.07 0.00	58.42 -0.06 0.00	50.56 0.00 0.00	47.93 -0.10 0.00
NEG NORTH___ALICE_FALLS 23915	55.31 1.87 0.00	51.95 1.61 0.00	49.94 1.31 0.00	47.60 1.02 0.00	51.41 1.11 0.00	53.21 0.89 0.00	66.50 1.24 0.00	90.30 1.42 0.00	74.18 1.88 0.00	58.47 1.09 0.00	50.77 1.04 0.00	46.12 0.90 0.00	43.14 0.68 0.00	42.14 0.79 0.00	41.20 0.65 0.00	42.45 0.71 0.00	49.53 0.68 0.00	56.93 0.73 0.00	65.81 1.42 0.00	76.00 1.71 0.00	67.93 1.59 0.00	59.94 1.46 0.00	51.72 1.16 0.00	48.99 0.96 0.00
NEG NORTH___LWR_SARANAC 23913	55.31 1.87 0.00	51.95 1.61 0.00	49.94 1.31 0.00	47.60 1.02 0.00	51.41 1.11 0.00	53.21 0.89 0.00	66.50 1.24 0.00	90.30 1.42 0.00	74.18 1.88 0.00	58.47 1.09 0.00	50.77 1.04 0.00	46.12 0.90 0.00	43.14 0.68 0.00	42.14 0.79 0.00	41.20 0.65 0.00	42.45 0.71 0.00	49.53 0.68 0.00	56.93 0.73 0.00	65.81 1.42 0.00	76.00 1.71 0.00	67.93 1.59 0.00	59.94 1.46 0.00	51.72 1.16 0.00	48.99 0.96 0.00
NEG NORTH___PLATTSBURG 23628	55.31 1.87 0.00	51.95 1.61 0.00	49.94 1.31 0.00	47.60 1.02 0.00	51.41 1.11 0.00	53.21 0.89 0.00	66.50 1.24 0.00	90.30 1.42 0.00	74.18 1.88 0.00	58.47 1.09 0.00	50.77 1.05 0.00	46.12 0.90 0.00	43.13 0.68 0.00	42.14 0.78 0.00	41.20 0.65 0.00	42.45 0.71 0.00	49.53 0.68 0.00	56.98 0.79 0.00	65.80 1.41 0.00	76.00 1.71 0.00	67.93 1.59 0.00	59.94 1.46 0.00	51.73 1.16 0.00	49.08 1.06 0.00
NEG WEST_LEA_LOCKPORT 23791	49.11 -4.33 0.00	45.81 -4.53 0.00	44.49 -4.13 0.00	42.66 -3.91 0.00	45.93 -4.38 0.00	47.25 -5.08 0.00	57.82 -7.44 0.00	78.39 -10.49 0.00	63.99 -8.31 0.00	49.97 -7.40 0.01	44.45 -5.27 0.00	40.43 -4.79 0.00	38.21 -4.25 0.00	36.97 -4.38 0.00	36.01 -4.54 0.00	36.65 -5.09 0.00	43.08 -5.76 0.00	48.77 -7.42 0.01	56.15 -8.24 0.00	64.93 -9.36 0.00	58.11 -8.23 0.00	50.94 -7.54 0.00	45.05 -5.51 0.00	44.04 -3.99 0.00
NEG WEST___LANCASTR 23811	50.50 -2.94 0.00	47.16 -3.17 0.00	45.71 -2.92 0.00	43.83 -2.75 0.00	47.24 -3.07 0.00	48.87 -3.45 0.00	60.43 -4.83 0.00	81.68 -7.20 0.00	66.37 -5.93 0.00	51.98 -5.39 0.01	46.00 -3.73 0.00	41.83 -3.39 0.00	39.48 -2.97 0.00	38.21 -3.14 0.00	37.27 -3.28 0.00	37.90 -3.84 0.00	44.55 -4.30 0.00	50.68 -5.51 0.01	58.40 -5.99 0.00	67.53 -6.76 0.00	60.37 -5.97 0.00	52.98 -5.50 0.00	46.47 -4.10 0.00	45.39 -2.64 0.00
NEG_PENN_ALLEGHNY 23528	53.38 -0.05 0.00	50.08 -0.25 0.00	48.43 -0.19 0.00	46.39 -0.19 0.00	50.20 -0.10 0.00	52.16 -0.16 0.00	65.06 -0.20 0.00	88.53 -0.35 0.00	71.94 -0.36 0.00	56.98 -0.40 0.00	49.63 -0.10 0.00	45.08 -0.14 0.00	42.33 -0.13 0.00	41.19 -0.16 0.00	40.27 -0.28 0.00	41.49 -0.25 0.00	48.70 -0.15 0.00	55.86 -0.34 0.00	64.07 -0.32 0.00	73.92 -0.37 0.00	66.01 -0.33 0.00	58.08 -0.41 0.00	50.36 -0.20 0.00	48.03 0.00 0.00
NEG___GEN_MONROE 24207	51.99 -1.44 0.00	48.62 -1.71 0.00	47.07 -1.56 0.00	45.13 -1.44 0.00	48.80 -1.51 0.00	50.54 -1.78 0.00	62.45 -2.81 0.00	85.15 -3.73 0.00	69.56 -2.75 0.00	54.68 -2.70 0.01	47.98 -1.74 0.00	43.59 -1.63 0.00	40.93 -1.53 0.00	39.70 -1.65 0.00	38.73 -1.82 0.00	39.61 -2.13 0.00	46.60 -2.25 0.00	53.16 -3.03 0.00	61.23 -3.16 0.00	70.80 -3.49 0.00	63.36 -2.99 0.00	55.62 -2.87 0.00	48.49 -2.07 0.00	46.68 -1.34 0.00

NEPA__ENERGY 23901	50.18 -3.26 0.00	46.86 -3.47 0.00	45.42 -3.21 0.00	43.55 -3.03 0.00	46.93 -3.37 0.00	48.55 -3.77 0.00	60.04 -5.22 0.00	81.50 -7.38 0.00	66.16 -6.15 0.00	51.80 -5.57 0.01	45.90 -3.83 0.00	41.78 -3.44 0.00	39.44 -3.01 0.00	38.17 -3.18 0.00	37.23 -3.33 0.00	37.86 -3.88 0.00	44.55 -4.30 0.00	50.68 -5.51 0.01	58.34 -6.05 0.00	67.53 -6.76 0.00	60.37 -5.97 0.00	53.04 -5.44 0.00	46.47 -4.10 0.00	45.24 -2.79 0.00
NEVERSINK__HYD 23608	56.43 2.99 0.00	53.05 2.72 0.00	51.20 2.58 0.00	48.90 2.33 0.00	52.82 2.51 0.00	55.20 2.88 0.00	68.98 3.72 0.00	94.93 6.05 0.00	76.79 4.48 0.00	60.94 3.56 0.00	52.51 2.78 0.00	47.75 2.53 0.00	44.87 2.42 0.00	43.75 2.40 0.00	42.90 2.35 0.00	44.20 2.46 0.00	51.93 3.08 0.00	60.24 4.05 0.00	68.51 4.12 0.00	79.12 4.83 0.00	70.79 4.45 0.00	62.28 3.80 0.00	53.85 3.28 0.00	50.91 2.88 0.00
NEWKRMKL_115KV_TB1 55635	53.92 0.48 0.00	51.04 0.70 0.00	49.36 0.73 0.00	47.37 0.79 0.00	50.96 0.65 0.00	53.16 0.84 0.00	66.37 1.11 0.00	90.39 1.51 0.00	73.32 1.01 0.00	58.18 0.80 0.00	50.17 0.45 0.00	45.63 0.41 0.00	42.88 0.42 0.00	41.77 0.41 0.00	41.00 0.45 0.00	42.32 0.58 0.00	49.63 0.78 0.00	57.32 1.12 0.00	65.29 0.90 0.00	75.33 1.04 0.00	67.20 0.86 0.00	59.24 0.76 0.00	51.27 0.71 0.00	48.56 0.53 0.00
NEWTON__FALLS_HYD 23847	52.37 -1.07 0.00	49.33 -1.01 0.00	47.56 -1.07 0.00	45.64 -0.93 0.00	49.05 -1.26 0.00	50.80 -1.52 0.00	63.69 -1.57 0.00	86.04 -2.84 0.00	69.92 -2.39 0.00	54.91 -2.47 0.00	47.39 -2.34 0.00	43.09 -2.13 0.00	40.38 -2.08 0.00	39.45 -1.90 0.00	38.77 -1.78 0.00	40.19 -1.54 0.00	47.43 -1.42 0.00	54.73 -1.46 0.00	63.10 -1.29 0.00	73.10 -1.19 0.00	65.08 -1.26 0.00	57.72 -0.76 0.00	49.96 -0.61 0.00	47.26 -0.77 0.00
NGRID_A1_DSASP 323792	49.06 -4.38 0.00	46.06 -4.28 0.00	44.74 -3.89 0.00	42.90 -3.68 0.00	46.13 -4.18 0.00	46.88 -5.44 0.00	57.17 -8.09 0.00	77.42 -11.47 0.00	63.27 -9.04 0.00	49.39 -7.98 0.01	44.06 -5.67 0.00	40.11 -5.11 0.00	37.91 -4.54 0.00	36.68 -4.67 0.00	35.77 -4.79 0.00	36.35 -5.38 0.00	42.69 -6.15 0.00	48.26 -7.92 0.01	55.44 -8.95 0.00	64.04 -10.25 0.00	57.32 -9.02 0.00	50.35 -8.13 0.00	44.44 -6.12 0.00	43.46 -4.56 0.00
NGRID_A2_DSASP 323793	49.06 -4.38 0.00	46.06 -4.28 0.00	44.74 -3.89 0.00	42.90 -3.68 0.00	46.13 -4.18 0.00	46.88 -5.44 0.00	57.17 -8.09 0.00	77.42 -11.47 0.00	63.27 -9.04 0.00	49.39 -7.98 0.01	44.06 -5.67 0.00	40.11 -5.11 0.00	37.91 -4.54 0.00	36.68 -4.67 0.00	35.77 -4.79 0.00	36.35 -5.38 0.00	42.69 -6.15 0.00	48.26 -7.92 0.01	55.44 -8.95 0.00	64.04 -10.25 0.00	57.32 -9.02 0.00	50.35 -8.13 0.00	44.44 -6.12 0.00	43.46 -4.56 0.00
NGRID_A4_DSASP 323807	49.06 -4.38 0.00	46.06 -4.28 0.00	44.74 -3.89 0.00	42.90 -3.68 0.00	46.13 -4.18 0.00	46.88 -5.44 0.00	57.17 -8.09 0.00	77.42 -11.47 0.00	63.27 -9.04 0.00	49.39 -7.98 0.01	44.06 -5.67 0.00	40.11 -5.11 0.00	37.91 -4.54 0.00	36.68 -4.67 0.00	35.77 -4.79 0.00	36.35 -5.38 0.00	42.69 -6.15 0.00	48.26 -7.92 0.01	55.44 -8.95 0.00	64.04 -10.25 0.00	57.32 -9.02 0.00	50.35 -8.13 0.00	44.44 -6.12 0.00	43.46 -4.56 0.00
NIAGARA_115E_LBMP 323715	48.57 -4.86 0.00	45.30 -5.03 0.00	44.20 -4.42 0.00	42.25 -4.33 0.00	45.43 -4.88 0.00	46.67 -5.65 0.00	57.04 -8.22 0.00	77.42 -11.47 0.00	63.34 -8.97 0.00	49.34 -8.03 0.01	44.20 -5.52 0.00	40.02 -5.20 0.00	37.66 -4.80 0.00	36.47 -4.88 0.00	35.56 -4.99 0.00	36.19 -5.55 0.00	42.50 -6.35 0.00	47.93 -8.26 0.01	55.31 -9.08 0.00	63.82 -10.47 0.00	57.32 -9.02 0.00	50.18 -8.30 0.00	44.24 -6.32 0.00	43.18 -4.85 0.00
NIAGARA_115W_LBMP 323714	49.21 -4.22 0.00	46.26 -4.08 0.00	45.08 -3.55 0.00	43.13 -3.45 0.00	46.33 -3.98 0.00	47.04 -5.28 0.00	57.36 -7.90 0.00	77.95 -10.94 0.00	63.70 -8.61 0.00	49.62 -7.75 0.01	44.55 -5.17 0.00	40.34 -4.88 0.00	38.00 -4.46 0.00	36.76 -4.59 0.00	35.85 -4.70 0.00	36.48 -5.26 0.00	42.84 -6.01 0.00	48.26 -7.92 0.01	55.63 -8.76 0.00	64.19 -10.10 0.00	57.58 -8.76 0.00	50.53 -7.95 0.00	44.54 -6.02 0.00	43.51 -4.52 0.00
NIAGARA_230_LBMP 323716	49.43 -4.01 0.00	46.16 -4.18 0.00	44.98 -3.65 0.00	42.99 -3.59 0.00	46.28 -4.03 0.00	47.51 -4.81 0.00	58.08 -7.18 0.00	78.84 -10.04 0.00	64.42 -7.88 0.00	50.25 -7.12 0.01	45.00 -4.73 0.00	40.79 -4.43 0.00	38.38 -4.08 0.00	37.18 -4.18 0.00	36.25 -4.30 0.00	36.90 -4.84 0.00	43.33 -5.52 0.00	48.83 -7.36 0.01	56.34 -8.05 0.00	65.00 -9.29 0.00	58.31 -8.03 0.00	51.11 -7.37 0.00	45.00 -5.56 0.00	43.94 -4.08 0.00
NIAGARA__115KV_198_GIBSON 55903	49.00 -4.44 0.00	46.01 -4.33 0.00	44.74 -3.89 0.00	42.85 -3.73 0.00	46.08 -4.23 0.00	46.77 -5.55 0.00	57.10 -8.16 0.00	77.33 -11.55 0.00	63.12 -9.18 0.00	49.28 -8.09 0.01	43.96 -5.77 0.00	40.06 -5.16 0.00	37.87 -4.59 0.00	36.64 -4.71 0.00	35.69 -4.87 0.00	36.27 -5.47 0.00	42.60 -6.25 0.00	48.15 -8.04 0.01	55.31 -9.08 0.00	63.97 -10.33 0.00	57.25 -9.09 0.00	50.24 -8.25 0.00	44.34 -6.22 0.00	43.42 -4.61 0.00
NIAGARA__ 23760	49.43 -4.01 0.00	46.16 -4.18 0.00	44.98 -3.65 0.00	42.99 -3.59 0.00	46.28 -4.03 0.00	47.51 -4.81 0.00	58.08 -7.18 0.00	78.84 -10.04 0.00	64.42 -7.88 0.00	50.25 -7.12 0.01	45.00 -4.73 0.00	40.79 -4.43 0.00	38.38 -4.08 0.00	37.18 -4.18 0.00	36.25 -4.30 0.00	36.90 -4.84 0.00	43.33 -5.52 0.00	48.83 -7.36 0.01	56.34 -8.05 0.00	65.00 -9.29 0.00	58.31 -8.03 0.00	51.11 -7.37 0.00	45.00 -5.56 0.00	43.94 -4.08 0.00
NINE_MILE_1 23575	52.05 -1.39 0.00	48.98 -1.36 0.00	47.32 -1.31 0.00	45.32 -1.26 0.00	49.00 -1.31 0.00	50.91 -1.41 0.00	63.50 -1.76 0.00	86.57 -2.31 0.00	70.50 -1.80 0.00	55.89 -1.49 0.00	48.53 -1.19 0.00	44.13 -1.09 0.00	41.44 -1.02 0.00	40.32 -1.03 0.00	39.50 -1.05 0.00	40.65 -1.09 0.00	47.63 -1.22 0.00	54.68 -1.51 0.00	62.65 -1.74 0.00	72.29 -2.00 0.00	64.55 -1.79 0.00	56.84 -1.64 0.00	49.20 -1.36 0.00	46.83 -1.20 0.00
NINE_MILE_2 23744	52.05 -1.39 0.00	48.98 -1.36 0.00	47.32 -1.31 0.00	45.32 -1.26 0.00	49.00 -1.31 0.00	50.96 -1.36 0.00	63.50 -1.76 0.00	86.57 -2.31 0.00	70.50 -1.80 0.00	55.89 -1.49 0.00	48.53 -1.19 0.00	44.13 -1.09 0.00	41.44 -1.02 0.00	40.32 -1.03 0.00	39.50 -1.05 0.00	40.65 -1.09 0.00	47.63 -1.22 0.00	54.68 -1.51 0.00	62.65 -1.74 0.00	72.29 -2.00 0.00	64.55 -1.79 0.00	56.84 -1.64 0.00	49.25 -1.31 0.00	46.83 -1.20 0.00
NM_CAPITAL__DRP 24208	54.02 0.59 0.00	51.09 0.76 0.00	49.45 0.83 0.00	47.46 0.88 0.00	51.11 0.80 0.00	53.31 0.99 0.00	66.56 1.31 0.00	90.48 1.60 0.00	73.39 1.08 0.00	58.30 0.92 0.00	50.22 0.50 0.00	45.67 0.45 0.00	42.92 0.47 0.00	41.77 0.41 0.00	41.04 0.49 0.00	42.37 0.63 0.00	49.68 0.83 0.00	57.38 1.18 0.00	65.42 1.03 0.00	75.48 1.19 0.00	67.27 0.93 0.00	59.36 0.88 0.00	51.32 0.76 0.00	48.65 0.62 0.00

NM_CENTRAL__DRP 24181	52.90 -0.53 0.00	49.68 -0.65 0.00	48.00 -0.63 0.00	46.02 -0.56 0.00	49.80 -0.50 0.00	51.74 -0.58 0.00	64.54 -0.72 0.00	88.17 -0.71 0.00	71.73 -0.58 0.00	56.98 -0.40 0.00	49.53 -0.20 0.00	45.04 -0.18 0.00	42.29 -0.17 0.00	41.15 -0.21 0.00	40.27 -0.28 0.00	41.41 -0.33 0.00	48.51 -0.34 0.00	55.63 -0.56 0.00	63.75 -0.64 0.00	73.55 -0.74 0.00	65.61 -0.73 0.00	57.78 -0.70 0.00	50.01 -0.56 0.00	47.60 -0.43 0.00
NM_FRONTIER__DRP 24179	49.00 -4.44 0.00	46.01 -4.33 0.00	44.74 -3.89 0.00	42.85 -3.73 0.00	46.08 -4.23 0.00	46.77 -5.55 0.00	57.10 -8.16 0.00	77.33 -11.55 0.00	63.12 -9.18 0.00	49.28 -8.09 0.01	43.96 -5.77 0.00	40.06 -5.16 0.00	37.87 -4.59 0.00	36.64 -4.71 0.00	35.69 -4.87 0.00	36.27 -5.47 0.00	42.60 -6.25 0.00	48.15 -8.04 0.01	55.31 -9.08 0.00	63.97 -10.33 0.00	57.25 -9.09 0.00	50.24 -8.25 0.00	44.34 -6.22 0.00	43.42 -4.61 0.00
NM_ST_REGIS__HYD 24053	53.01 -0.43 0.00	49.93 -0.40 0.00	48.09 -0.53 0.00	45.92 -0.65 0.00	49.30 -1.01 0.00	50.96 -1.36 0.00	63.82 -1.44 0.00	85.15 -3.73 0.00	69.56 -2.75 0.00	54.62 -2.75 0.00	47.34 -2.39 0.00	43.00 -2.22 0.00	40.21 -2.25 0.00	39.33 -2.03 0.00	38.60 -1.95 0.00	39.90 -1.84 0.00	47.43 -1.42 0.00	54.45 -1.74 0.00	62.97 -1.42 0.00	72.81 -1.49 0.00	64.95 -1.39 0.00	57.72 -0.76 0.00	49.96 -0.61 0.00	47.31 -0.72 0.00
NORTHPORT__1 23551	56.92 3.47 -0.01	53.31 2.97 -0.01	51.30 2.67 0.00	48.86 2.28 0.00	52.82 2.51 0.00	55.46 3.14 0.00	68.91 3.65 0.00	93.77 4.89 0.00	76.86 4.56 0.00	61.12 3.73 -0.01	53.41 3.68 -0.01	48.71 3.48 -0.01	45.78 3.31 -0.01	44.63 3.27 -0.01	43.76 3.20 -0.01	45.04 3.30 -0.01	56.13 4.01 -3.28	63.81 4.83 -2.78	69.10 4.64 -0.07	79.58 5.28 -0.01	71.88 4.91 -0.63	62.93 4.44 -0.01	58.00 3.95 -3.49	51.45 3.41 -0.01
NORTHPORT__2 23552	56.81 3.37 -0.01	53.21 2.87 -0.01	51.25 2.62 0.00	48.76 2.19 0.00	52.72 2.41 0.00	55.30 2.98 0.00	68.52 3.26 0.00	93.32 4.44 0.00	76.50 4.19 0.00	60.83 3.44 -0.01	53.32 3.58 -0.01	48.57 3.35 -0.01	45.65 3.19 -0.01	44.55 3.18 -0.01	43.68 3.12 -0.01	44.96 3.21 -0.01	55.94 3.81 -3.28	63.47 4.50 -2.78	68.77 4.31 -0.07	79.13 4.83 -0.01	71.55 4.57 -0.63	62.58 4.09 -0.01	57.74 3.69 -3.49	51.30 3.27 -0.01
NORTHPORT__3 23553	56.81 3.37 -0.01	53.21 2.87 -0.01	51.20 2.58 0.00	48.76 2.19 0.00	52.72 2.41 0.00	55.30 2.98 0.00	68.65 3.39 0.00	93.50 4.62 0.00	76.57 4.26 0.00	60.89 3.50 -0.01	53.32 3.58 -0.01	48.57 3.35 -0.01	45.65 3.19 -0.01	44.55 3.18 -0.01	43.68 3.12 -0.01	44.96 3.21 -0.01	55.95 3.81 -3.28	63.53 4.55 -2.79	68.84 4.38 -0.07	79.20 4.90 -0.01	71.55 4.57 -0.64	62.64 4.15 -0.01	57.80 3.74 -3.49	51.30 3.27 -0.01
NORTHPORT__4 23650	56.81 3.37 -0.01	53.21 2.87 -0.01	51.20 2.58 0.00	48.76 2.19 0.00	52.72 2.41 0.00	55.30 2.98 0.00	68.65 3.39 0.00	93.50 4.62 0.00	76.57 4.26 0.00	60.89 3.50 -0.01	53.32 3.58 -0.01	48.57 3.35 -0.01	45.65 3.19 -0.01	44.55 3.18 -0.01	43.68 3.12 -0.01	44.96 3.21 -0.01	55.95 3.81 -3.28	63.53 4.55 -2.79	68.84 4.38 -0.07	79.20 4.90 -0.01	71.55 4.57 -0.64	62.64 4.15 -0.01	57.80 3.74 -3.49	51.30 3.27 -0.01
NORTHPORT__IC 23718	56.92 3.47 -0.01	53.41 3.07 -0.01	51.50 2.87 0.00	49.00 2.42 0.00	52.97 2.67 0.00	55.41 3.09 0.00	68.91 3.65 0.00	93.86 4.98 0.00	76.28 3.98 0.00	61.35 3.96 -0.01	53.51 3.78 -0.01	48.76 3.53 -0.01	45.78 3.31 -0.01	44.63 3.27 -0.01	43.76 3.20 -0.01	45.09 3.34 -0.01	56.13 4.01 -3.28	63.86 4.89 -2.78	69.16 4.70 -0.07	79.57 5.27 -0.01	72.02 5.04 -0.63	62.99 4.50 -0.01	57.99 3.94 -3.49	51.49 3.46 -0.01
NORTH__COUNTRY_ESR 323785	53.76 0.32 0.00	50.64 0.30 0.00	48.73 0.10 0.00	46.48 -0.09 0.00	50.15 -0.15 0.00	51.90 -0.42 0.00	64.74 -0.52 0.00	87.99 -0.89 0.00	72.09 -0.22 0.00	56.98 -0.40 0.00	49.58 -0.15 0.00	45.04 -0.18 0.00	42.16 -0.30 0.00	41.15 -0.21 0.00	40.31 -0.24 0.00	41.49 -0.25 0.00	48.41 -0.44 0.00	55.63 -0.56 0.00	64.07 -0.32 0.00	74.00 -0.30 0.00	66.08 -0.26 0.00	58.25 -0.23 0.00	50.41 -0.15 0.00	47.88 -0.14 0.00
NPX_GEN_1385_PROXY 323591	56.92 3.47 -0.01	53.31 2.97 -0.01	51.30 2.67 0.00	48.86 2.28 0.00	52.82 2.51 0.00	55.46 3.14 0.00	69.70 3.65 -0.79	92.97 4.89 0.79	76.86 4.56 0.00	61.12 3.73 -0.01	53.41 3.68 -0.01	48.71 3.48 -0.01	45.78 3.31 -0.01	44.63 3.27 -0.01	43.76 3.20 -0.01	45.04 3.30 -0.01	56.13 4.01 -3.28	63.81 4.83 -2.78	69.10 4.64 -0.07	79.58 5.28 -0.01	71.88 4.91 -0.63	62.93 4.44 -0.01	58.00 3.95 -3.49	51.45 3.41 -0.01
NPX_GEN_CSC 323557	57.24 3.79 -0.01	53.61 3.27 -0.01	51.55 2.92 0.00	49.04 2.47 0.00	53.02 2.71 0.00	55.77 3.45 0.00	70.43 4.37 -0.79	92.80 4.71 0.79	77.58 5.28 0.00	61.46 4.07 -0.01	54.41 4.67 -0.01	49.53 4.30 -0.01	46.45 3.99 -0.01	45.29 3.93 -0.01	44.37 3.81 -0.01	45.80 4.05 -0.01	57.24 5.08 -3.31	65.35 6.35 -2.80	70.64 6.18 -0.07	80.76 6.46 -0.01	73.35 6.37 -0.64	64.69 6.20 -0.01	59.34 5.26 -3.52	52.60 4.57 -0.01
NSINS_S__GLNS_FALLS 23858	54.61 1.18 0.00	51.54 1.21 0.00	49.84 1.22 0.00	47.83 1.26 0.00	51.61 1.31 0.00	53.99 1.67 0.00	67.41 2.15 0.00	92.08 3.20 0.00	74.18 1.88 0.00	58.53 1.15 0.00	50.32 0.60 0.00	45.63 0.41 0.00	42.84 0.38 0.00	41.60 0.25 0.00	40.88 0.32 0.00	42.28 0.54 0.00	49.87 1.03 0.00	57.77 1.57 0.00	66.13 1.74 0.00	76.52 2.23 0.00	68.13 1.79 0.00	60.00 1.52 0.00	51.83 1.26 0.00	50.04 2.02 0.00
NUCOR_STEEL__DRP 24197	53.60 0.16 0.00	50.34 0.00 0.00	48.58 -0.05 0.00	46.53 -0.05 0.00	50.46 0.15 0.00	52.43 0.10 0.00	65.26 0.00 0.00	89.15 0.27 0.00	72.45 0.14 0.00	57.44 0.06 0.00	49.92 0.20 0.00	45.36 0.14 0.00	42.58 0.13 0.00	41.40 0.04 0.00	40.47 -0.08 0.00	41.61 -0.13 0.00	48.85 0.00 0.00	56.08 -0.11 0.00	64.33 -0.06 0.00	74.29 0.00 0.00	66.34 0.00 0.00	58.42 -0.06 0.00	50.61 0.05 0.00	48.22 0.19 0.00
NUMBER_THREE_WT_PWR 323818	52.42 -1.02 0.00	49.28 -1.06 0.00	47.56 -1.07 0.00	45.83 -0.75 0.00	49.45 -0.86 0.00	51.64 -0.68 0.00	65.00 -0.26 0.00	88.08 -0.80 0.00	71.14 -1.16 0.00	55.95 -1.43 0.00	48.13 -1.59 0.00	43.86 -1.36 0.00	41.10 -1.36 0.00	40.15 -1.20 0.00	39.50 -1.05 0.00	41.07 -0.67 0.00	48.51 -0.34 0.00	56.25 0.06 0.00	64.71 0.32 0.00	75.03 0.74 0.00	66.81 0.47 0.00	58.84 0.35 0.00	50.87 0.31 0.00	47.93 -0.10 0.00
NYISO_LBMP_REFERENCE 24008	53.44 0.00 0.00	50.34 0.00 0.00	48.63 0.00 0.00	46.58 0.00 0.00	50.30 0.00 0.00	52.32 0.00 0.00	65.26 0.00 0.00	88.88 0.00 0.00	72.30 0.00 0.00	57.38 0.00 0.00	49.72 0.00 0.00	45.22 0.00 0.00	42.46 0.00 0.00	41.35 0.00 0.00	40.55 0.00 0.00	41.74 0.00 0.00	48.85 0.00 0.00	56.20 0.00 0.00	64.39 0.00 0.00	74.29 0.00 0.00	66.34 0.00 0.00	58.48 0.00 0.00	50.56 0.00 0.00	48.03 0.00 0.00

NYPA_BRENTWD____GT 24164	57.51 -4.06 -0.01	53.87 3.52 -0.01	51.84 3.21 0.00	49.32 2.75 0.00	53.32 3.02 0.00	56.04 3.72 0.00	69.76 4.50 0.00	94.93 6.05 0.00	77.80 5.49 0.00	61.75 4.36 -0.01	54.06 4.32 -0.01	49.21 3.98 -0.01	46.24 3.78 -0.01	45.09 3.72 -0.01	44.21 3.65 -0.01	45.55 3.80 -0.01	56.84 4.64 -3.34	64.71 5.67 -2.84	70.13 5.67 -0.07	80.69 6.39 -0.01	72.96 5.97 -0.65	63.81 5.32 -0.01	58.77 4.65 -3.56	52.07 4.03 -0.01
NYPA_GOWANUS____GT5 24156	56.32 2.88 0.00	52.70 2.37 0.00	50.77 2.14 0.00	48.39 1.81 0.00	52.26 1.96 0.00	54.57 2.25 0.00	67.54 2.28 0.00	93.24 4.35 0.00	75.48 3.18 0.00	60.65 3.27 0.00	52.81 3.08 0.00	48.20 2.98 0.00	45.30 2.84 0.00	44.17 2.81 0.00	43.31 2.76 0.00	44.58 2.84 0.00	52.37 3.52 0.00	60.41 4.22 0.00	67.86 3.47 0.00	78.30 4.01 0.00	69.99 3.65 0.00	62.28 3.80 0.00	53.80 3.24 0.00	50.76 2.74 0.00
NYPA_GOWANUS____GT6 24157	56.32 2.88 0.00	52.70 2.37 0.00	50.77 2.14 0.00	48.39 1.81 0.00	52.26 1.96 0.00	54.57 2.25 0.00	67.54 2.28 0.00	93.24 4.35 0.00	75.48 3.18 0.00	60.65 3.27 0.00	52.81 3.08 0.00	48.20 2.98 0.00	45.30 2.84 0.00	44.17 2.81 0.00	43.31 2.76 0.00	44.58 2.84 0.00	52.37 3.52 0.00	60.41 4.22 0.00	67.86 3.47 0.00	78.30 4.01 0.00	69.99 3.65 0.00	62.28 3.80 0.00	53.80 3.24 0.00	50.76 2.74 0.00
NYPA_HARLEM__RVR__GT1 24160	56.28 2.83 -0.01	52.55 2.21 0.00	50.62 1.99 0.00	48.25 1.67 0.00	52.06 1.76 0.00	54.26 1.94 0.00	67.15 1.89 0.01	92.61 3.73 0.01	75.19 2.90 0.01	60.24 2.87 0.01	52.45 2.73 0.01	47.88 2.67 0.01	45.00 2.55 0.01	43.87 2.52 0.01	43.02 2.47 0.01	44.32 2.59 0.01	51.92 3.08 0.01	59.95 3.77 0.01	67.54 3.15 0.01	77.92 3.64 0.01	69.65 3.32 0.01	61.51 3.04 0.01	53.34 2.78 0.00	50.57 2.54 0.00
NYPA_HARLEM__RVR__GT2 24161	56.28 2.83 -0.01	52.55 2.21 0.00	50.62 1.99 0.00	48.25 1.67 0.00	52.06 1.76 0.00	54.26 1.94 0.00	67.15 1.89 0.01	92.61 3.73 0.01	75.19 2.90 0.01	60.24 2.87 0.01	52.45 2.73 0.01	47.88 2.67 0.01	45.00 2.55 0.01	43.87 2.52 0.01	43.02 2.47 0.01	44.32 2.59 0.01	51.92 3.08 0.01	59.95 3.77 0.01	67.54 3.15 0.01	77.92 3.64 0.01	69.65 3.32 0.01	61.51 3.04 0.01	53.34 2.78 0.00	50.57 2.54 0.00
NYPA_KENT____GT 24152	56.27 2.83 0.00	52.65 2.32 0.00	50.77 2.14 0.00	48.39 1.81 0.00	52.22 1.91 0.00	54.57 2.25 0.00	67.68 2.42 0.00	93.32 4.44 0.00	75.63 3.33 0.00	60.65 3.27 0.00	52.81 3.08 0.00	48.20 2.98 0.00	45.26 2.80 0.00	44.17 2.81 0.00	43.27 2.72 0.00	44.58 2.84 0.00	52.32 3.47 0.00	60.35 4.16 0.00	67.86 3.47 0.00	78.30 4.01 0.00	70.05 3.71 0.00	62.11 3.63 0.00	53.70 3.14 0.00	50.72 2.69 0.00
NYPA_POUCH1____GT 24155	56.27 2.83 0.00	52.65 2.32 0.00	50.72 2.09 0.00	48.34 1.77 0.00	52.17 1.86 0.00	54.52 2.20 0.00	67.22 1.96 0.00	92.79 3.91 0.00	74.98 2.68 0.00	60.42 3.04 0.00	52.76 3.03 0.00	48.16 2.94 0.00	45.26 2.80 0.00	44.12 2.77 0.00	43.27 2.72 0.00	44.54 2.80 0.00	52.32 3.47 0.00	60.35 4.16 0.00	67.47 3.15 0.08	77.93 3.64 0.00	69.59 3.38 0.13	62.34 3.86 0.00	53.75 3.19 0.00	50.76 2.74 0.00
NYPA_VERNON____GT2 24162	56.21 2.78 0.00	52.65 2.32 0.00	50.72 2.09 0.00	48.39 1.81 0.00	52.22 1.91 0.00	54.57 2.25 0.00	67.80 2.54 0.00	93.41 4.53 0.00	75.77 3.47 0.00	60.65 3.27 0.00	52.76 3.03 0.00	48.16 2.94 0.00	45.26 2.80 0.00	44.12 2.77 0.00	43.27 2.72 0.00	44.54 2.80 0.00	52.27 3.42 0.00	60.30 4.10 0.00	67.93 3.54 0.00	78.37 4.08 0.00	70.05 3.71 0.00	61.99 3.51 0.00	53.65 3.08 0.00	50.67 2.64 0.00
NYPA_VERNON____GT3 24163	56.21 2.78 0.00	52.65 2.32 0.00	50.72 2.09 0.00	48.39 1.81 0.00	52.22 1.91 0.00	54.57 2.25 0.00	67.80 2.54 0.00	93.41 4.53 0.00	75.77 3.47 0.00	60.65 3.27 0.00	52.76 3.03 0.00	48.16 2.94 0.00	45.26 2.80 0.00	44.12 2.77 0.00	43.27 2.72 0.00	44.54 2.80 0.00	52.27 3.42 0.00	60.30 4.10 0.00	67.93 3.54 0.00	78.37 4.08 0.00	70.05 3.71 0.00	61.99 3.51 0.00	53.65 3.08 0.00	50.67 2.64 0.00
NYPA__ASTORIA_CC1 323568	56.16 2.72 0.00	52.65 2.32 0.00	50.72 2.09 0.00	48.39 1.81 0.00	52.22 1.91 0.00	54.52 2.20 0.00	67.74 2.48 0.00	93.32 4.44 0.00	75.70 3.40 0.00	60.65 3.27 0.00	52.71 2.98 0.00	48.16 2.94 0.00	45.21 2.76 0.00	44.08 2.73 0.00	43.23 2.68 0.00	44.54 2.80 0.00	52.22 3.37 0.00	60.24 4.05 0.00	67.86 3.47 0.00	78.30 4.01 0.00	69.99 3.65 0.00	61.93 3.45 0.00	53.60 3.03 0.00	50.67 2.64 0.00
NYPA__ASTORIA_CC2 323569	56.16 2.72 0.00	52.65 2.32 0.00	50.72 2.09 0.00	48.39 1.81 0.00	52.22 1.91 0.00	54.52 2.20 0.00	67.74 2.48 0.00	93.32 4.44 0.00	75.70 3.40 0.00	60.65 3.27 0.00	52.71 2.98 0.00	48.16 2.94 0.00	45.21 2.76 0.00	44.08 2.73 0.00	43.23 2.68 0.00	44.54 2.80 0.00	52.22 3.37 0.00	60.24 4.05 0.00	67.86 3.47 0.00	78.30 4.01 0.00	69.99 3.65 0.00	61.93 3.45 0.00	53.60 3.03 0.00	50.67 2.64 0.00
NYPA__HOLTSVILL 23794	57.30 3.85 -0.01	53.67 3.32 -0.01	51.64 3.02 0.00	49.14 2.56 0.00	53.12 2.82 0.00	55.83 3.51 0.00	69.57 4.31 0.00	94.39 5.51 0.00	77.58 5.28 0.00	61.52 4.13 -0.01	53.96 4.22 -0.01	49.16 3.93 -0.01	46.16 3.69 -0.01	45.00 3.64 -0.01	44.13 3.57 -0.01	45.46 3.71 -0.01	56.74 4.59 -3.30	64.67 5.67 -2.80	70.06 5.60 -0.07	80.46 6.16 -0.01	72.82 5.84 -0.64	63.87 5.38 -0.01	58.73 4.65 -3.52	52.02 3.98 -0.01
NYPA__HELLGATE_GT1 24158	56.28 2.83 -0.01	52.55 2.21 0.00	50.62 1.99 0.00	48.25 1.67 0.00	52.06 1.76 0.00	54.26 1.94 0.00	67.15 1.89 0.01	92.61 3.73 0.01	75.19 2.90 0.01	60.24 2.87 0.01	52.45 2.73 0.01	47.88 2.67 0.01	45.00 2.55 0.01	43.87 2.52 0.01	43.02 2.47 0.01	44.32 2.59 0.01	51.92 3.08 0.01	59.95 3.77 0.01	67.54 3.15 0.01	77.92 3.64 0.01	69.65 3.32 0.01	61.51 3.04 0.01	53.34 2.78 0.00	50.57 2.54 0.00
NYPA__HELLGATE_GT2 24159	56.28 2.83 -0.01	52.55 2.21 0.00	50.62 1.99 0.00	48.25 1.67 0.00	52.06 1.76 0.00	54.26 1.94 0.00	67.15 1.89 0.01	92.61 3.73 0.01	75.19 2.90 0.01	60.24 2.87 0.01	52.45 2.73 0.01	47.88 2.67 0.01	45.00 2.55 0.01	43.87 2.52 0.01	43.02 2.47 0.01	44.32 2.59 0.01	51.92 3.08 0.01	59.95 3.77 0.01	67.54 3.15 0.01	77.92 3.64 0.01	69.65 3.32 0.01	61.51 3.04 0.01	53.34 2.78 0.00	50.57 2.54 0.00
NYS_BARGE__HYD 23848	49.48 -3.95 0.00	46.16 -4.18 0.00	44.98 -3.65 0.00	43.03 -3.54 0.00	46.28 -4.03 0.00	47.61 -4.71 0.00	58.34 -6.92 0.00	79.28 -9.60 0.00	64.78 -7.52 0.00	50.48 -6.89 0.01	45.15 -4.57 0.00	40.88 -4.34 0.00	38.46 -3.99 0.00	37.22 -4.14 0.00	36.29 -4.26 0.00	36.98 -4.76 0.00	43.43 -5.42 0.00	48.99 -7.19 0.01	56.66 -7.73 0.00	65.37 -8.92 0.00	58.65 -7.69 0.00	51.35 -7.14 0.00	45.20 -5.36 0.00	44.09 -3.94 0.00

OAK ORCHARD__HYD 24046	52.15 -1.28 0.00	48.77 -1.56 0.00	47.27 -1.36 0.00	45.27 -1.30 0.00	48.95 -1.36 0.00	50.70 -1.62 0.00	62.78 -2.48 0.00	85.86 -3.02 0.00	70.14 -2.17 0.00	55.25 -2.12 0.01	48.58 -1.14 0.00	44.09 -1.13 0.00	41.40 -1.06 0.00	40.20 -1.16 0.00	39.21 -1.34 0.00	40.20 -1.54 0.00	47.24 -1.61 0.00	53.84 -2.36 0.00	61.94 -2.45 0.00	71.39 -2.90 0.00	63.89 -2.45 0.00	56.03 -2.45 0.00	48.69 -1.87 0.00	46.78 -1.25 0.00
OAKDALE__35_KV_LOAD 356122	53.22 -0.21 0.00	49.93 -0.40 0.00	48.24 -0.39 0.00	46.25 -0.33 0.00	50.00 -0.30 0.00	51.95 -0.37 0.00	64.80 -0.46 0.00	87.99 -0.89 0.00	71.51 -0.80 0.00	56.63 -0.75 0.00	49.33 -0.40 0.00	44.86 -0.36 0.00	42.16 -0.30 0.00	40.98 -0.37 0.00	40.11 -0.45 0.00	41.32 -0.42 0.00	48.51 -0.34 0.00	55.74 -0.45 0.00	63.81 -0.58 0.00	73.62 -0.67 0.00	65.74 -0.60 0.00	57.90 -0.58 0.00	50.21 -0.35 0.00	47.93 -0.10 0.00
OCC_CHEM__DRP 24175	49.06 -4.38 0.00	46.06 -4.28 0.00	44.74 -3.89 0.00	42.90 -3.68 0.00	46.13 -4.18 0.00	46.88 -5.44 0.00	57.17 -8.09 0.00	77.42 -11.47 0.00	63.27 -9.04 0.00	49.39 -7.98 0.01	44.06 -5.67 0.00	40.11 -5.11 0.00	37.91 -4.54 0.00	36.68 -4.67 0.00	35.77 -4.79 0.00	36.35 -5.38 0.00	42.69 -6.15 0.00	48.26 -7.92 0.01	55.44 -8.95 0.00	64.04 -10.25 0.00	57.32 -9.02 0.00	50.35 -8.13 0.00	44.44 -6.12 0.00	43.46 -4.56 0.00
OH_GEN_PROXY 24063	49.48 -3.95 0.00	34.88 -4.13 11.33	35.08 -3.65 9.90	35.58 -3.54 7.45	36.16 -4.03 10.12	47.29 -4.76 0.27	50.11 -7.05 8.10	78.31 -9.78 0.79	64.64 -7.67 0.00	50.43 -6.94 0.01	45.10 -4.62 0.00	40.88 -4.34 0.00	38.46 -3.99 0.00	37.26 -4.09 0.00	36.33 -4.22 0.00	36.98 -4.76 0.00	43.43 -5.42 0.00	48.99 -7.19 0.01	56.53 -7.86 0.00	65.23 -9.07 0.00	58.51 -7.83 0.00	51.29 -7.20 0.00	45.10 -5.46 0.00	43.99 -4.03 0.00
OLIN_CORP_DRP 24177	48.47 -4.97 0.00	45.20 -5.13 0.00	43.91 -4.72 0.00	42.10 -4.47 0.00	45.32 -4.98 0.00	46.57 -5.76 0.00	56.91 -8.35 0.00	77.06 -11.82 0.00	62.90 -9.40 0.00	49.17 -8.21 0.01	43.76 -5.97 0.00	39.84 -5.38 0.00	37.66 -4.80 0.00	36.43 -4.92 0.00	35.48 -5.07 0.00	36.10 -5.63 0.00	42.40 -6.45 0.00	47.98 -8.20 0.01	55.18 -9.21 0.00	63.82 -10.48 0.00	57.12 -9.22 0.00	50.12 -8.36 0.00	44.19 -6.37 0.00	43.22 -4.80 0.00
OLIN_CORP_DSASP 323712	49.06 -4.38 0.00	46.06 -4.28 0.00	44.74 -3.89 0.00	42.90 -3.68 0.00	46.13 -4.18 0.00	46.88 -5.44 0.00	57.17 -8.09 0.00	77.42 -11.47 0.00	63.27 -9.04 0.00	49.39 -7.98 0.01	44.06 -5.67 0.00	40.11 -5.11 0.00	37.91 -4.54 0.00	36.68 -4.67 0.00	35.77 -4.79 0.00	36.35 -5.38 0.00	42.69 -6.15 0.00	48.26 -7.92 0.01	55.44 -8.95 0.00	64.04 -10.25 0.00	57.32 -9.02 0.00	50.35 -8.13 0.00	44.44 -6.12 0.00	43.46 -4.56 0.00
ONEIDA_HERK_LFGE 323681	53.60 0.16 0.00	50.44 0.10 0.00	48.73 0.10 0.00	46.81 0.23 0.00	50.51 0.20 0.00	52.69 0.37 0.00	66.11 0.85 0.00	89.68 0.80 0.00	72.74 0.44 0.00	57.44 0.06 0.00	49.53 -0.20 0.00	45.04 -0.18 0.00	42.20 -0.25 0.00	41.15 -0.21 0.00	40.43 -0.12 0.00	41.82 0.08 0.00	49.24 0.39 0.00	56.92 0.73 0.00	65.29 0.90 0.00	75.48 1.18 0.00	67.27 0.93 0.00	59.24 0.76 0.00	51.22 0.66 0.00	48.46 0.43 0.00
ONEIDA__115KV_TB4 55905	54.29 0.85 0.00	51.04 0.70 0.00	49.36 0.73 0.00	47.32 0.75 0.00	51.16 0.86 0.00	53.26 0.94 0.00	66.76 1.50 0.00	91.28 2.40 0.00	74.11 1.81 0.00	58.58 1.20 0.00	50.67 0.94 0.00	45.99 0.77 0.00	43.14 0.68 0.00	41.97 0.62 0.00	41.16 0.61 0.00	42.41 0.67 0.00	49.92 1.07 0.00	57.54 1.35 0.00	66.00 1.61 0.00	76.22 1.93 0.00	67.93 1.59 0.00	59.83 1.35 0.00	51.72 1.16 0.00	49.13 1.10 0.00
ONONDAGA_REF_OCCRA 23987	53.12 -0.32 0.00	49.93 -0.40 0.00	48.19 -0.44 0.00	46.20 -0.37 0.00	50.00 -0.30 0.00	51.95 -0.37 0.00	64.87 -0.39 0.00	88.61 -0.27 0.00	72.01 -0.29 0.00	57.21 -0.17 0.00	49.68 -0.05 0.00	45.17 -0.05 0.00	42.41 -0.04 0.00	41.27 -0.08 0.00	40.39 -0.16 0.00	41.53 -0.21 0.00	48.70 -0.15 0.00	55.86 -0.34 0.00	64.00 -0.39 0.00	73.92 -0.37 0.00	65.94 -0.40 0.00	58.07 -0.41 0.00	50.26 -0.30 0.00	47.84 -0.19 0.00
ONONDAGA__COGEN 23986	53.22 -0.21 0.00	49.98 -0.35 0.00	48.29 -0.34 0.00	46.25 -0.33 0.00	50.10 -0.20 0.00	52.06 -0.26 0.00	64.93 -0.33 0.00	88.70 -0.18 0.00	72.16 -0.14 0.00	57.26 -0.11 0.00	49.72 0.00 0.00	45.22 0.00 0.00	42.46 0.00 0.00	41.31 -0.04 0.00	40.43 -0.12 0.00	41.57 -0.17 0.00	48.70 -0.15 0.00	55.91 -0.28 0.00	64.07 -0.32 0.00	73.99 -0.30 0.00	66.01 -0.33 0.00	58.13 -0.35 0.00	50.31 -0.25 0.00	47.93 -0.10 0.00
ONTARIO__LFGE 23819	53.07 -0.37 0.00	49.68 -0.66 0.00	48.14 -0.49 0.00	46.11 -0.47 0.00	49.96 -0.35 0.00	51.85 -0.47 0.00	64.15 -1.11 0.00	87.72 -1.16 0.00	71.29 -1.01 0.00	56.45 -0.92 0.01	49.43 -0.30 0.00	44.86 -0.36 0.00	42.07 -0.38 0.00	40.90 -0.45 0.00	39.90 -0.65 0.00	40.94 -0.79 0.00	48.12 -0.73 0.00	54.91 -1.29 0.00	63.03 -1.36 0.00	72.81 -1.49 0.00	64.94 -1.40 0.00	57.43 -1.05 0.00	49.90 -0.66 0.00	47.79 -0.24 0.00
ORANGEVILLE_WT_PWR 323706	50.50 -2.94 0.00	47.11 -3.22 0.00	45.81 -2.82 0.00	43.69 -2.89 0.00	47.14 -3.17 0.00	48.82 -3.50 0.00	60.24 -5.02 0.00	81.95 -6.93 0.00	66.66 -5.64 0.00	52.03 -5.33 0.01	46.20 -3.53 0.00	41.87 -3.35 0.00	39.31 -3.14 0.00	38.09 -3.27 0.00	37.15 -3.41 0.00	37.90 -3.84 0.00	44.60 -4.25 0.00	50.74 -5.45 0.01	58.72 -5.67 0.00	67.83 -6.46 0.00	60.77 -5.57 0.00	53.34 -5.15 0.00	46.77 -3.79 0.00	45.43 -2.59 0.00
ORANGEVILLE__ESR 323794	50.50 -2.94 0.00	47.11 -3.22 0.00	45.81 -2.82 0.00	43.69 -2.89 0.00	47.14 -3.17 0.00	48.82 -3.50 0.00	60.24 -5.02 0.00	81.95 -6.93 0.00	66.66 -5.64 0.00	52.03 -5.33 0.01	46.20 -3.53 0.00	41.87 -3.35 0.00	39.31 -3.14 0.00	38.09 -3.27 0.00	37.15 -3.41 0.00	37.90 -3.84 0.00	44.60 -4.25 0.00	50.74 -5.45 0.01	58.72 -5.67 0.00	67.83 -6.46 0.00	60.77 -5.57 0.00	53.34 -5.15 0.00	46.77 -3.79 0.00	45.43 -2.59 0.00
OSWEGATCHIE__HYD 24044	52.37 -1.07 0.00	49.33 -1.01 0.00	47.56 -1.07 0.00	45.64 -0.93 0.00	49.00 -1.31 0.00	50.80 -1.52 0.00	63.69 -1.57 0.00	86.03 -2.85 0.00	69.92 -2.38 0.00	54.91 -2.47 0.00	47.39 -2.34 0.00	43.10 -2.12 0.00	40.38 -2.08 0.00	39.45 -1.90 0.00	38.73 -1.82 0.00	40.20 -1.54 0.00	47.38 -1.46 0.00	54.79 -1.40 0.00	63.10 -1.29 0.00	73.10 -1.19 0.00	65.08 -1.26 0.00	57.72 -0.76 0.00	49.96 -0.60 0.00	47.26 -0.77 0.00
OSWEGO__5 23606	52.37 -1.07 0.00	49.23 -1.11 0.00	47.60 -1.02 0.00	45.60 -0.98 0.00	49.30 -1.01 0.00	51.22 -1.10 0.00	63.89 -1.37 0.00	87.10 -1.78 0.00	70.86 -1.45 0.00	56.17 -1.21 0.00	48.83 -0.89 0.00	44.36 -0.86 0.00	41.65 -0.81 0.00	40.57 -0.79 0.00	39.70 -0.85 0.00	40.86 -0.88 0.00	47.87 -0.98 0.00	54.96 -1.24 0.00	63.03 -1.36 0.00	72.73 -1.56 0.00	64.94 -1.40 0.00	57.20 -1.29 0.00	49.50 -1.06 0.00	47.11 -0.91 0.00

OSWEGO___6 23613	52.37 -1.07 0.00	49.23 -1.11 0.00	47.60 -1.02 0.00	45.60 -0.98 0.00	49.30 -1.01 0.00	51.22 -1.10 0.00	63.89 -1.37 0.00	87.10 -1.78 0.00	70.86 -1.45 0.00	56.17 -1.21 0.00	48.83 -0.89 0.00	44.36 -0.86 0.00	41.65 -0.81 0.00	40.57 -0.79 0.00	39.70 -0.85 0.00	40.86 -0.88 0.00	47.87 -0.98 0.00	54.96 -1.24 0.00	63.03 -1.36 0.00	72.73 -1.56 0.00	64.94 -1.40 0.00	57.20 -1.29 0.00	49.50 -1.06 0.00	47.11 -0.91 0.00
OUTOKUMPU-AB___DRP 24206	49.80 -3.63 0.00	46.56 -3.78 0.00	45.22 -3.40 0.00	43.32 -3.26 0.00	46.63 -3.67 0.00	47.82 -4.50 0.00	58.60 -6.66 0.00	79.46 -9.42 0.00	64.86 -7.45 0.00	50.66 -6.71 0.01	45.10 -4.62 0.00	41.01 -4.21 0.00	38.72 -3.74 0.00	37.47 -3.89 0.00	36.50 -4.06 0.00	37.15 -4.59 0.00	43.62 -5.23 0.00	49.39 -6.80 0.01	56.92 -7.47 0.00	65.82 -8.47 0.00	58.84 -7.50 0.00	51.64 -6.84 0.00	45.51 -5.06 0.00	44.47 -3.55 0.00
OXBOW___BTM 323836	49.75 -3.69 0.00	46.61 -3.72 0.00	45.42 -3.21 0.00	43.46 -3.12 0.00	46.68 -3.62 0.00	47.66 -4.66 0.00	58.28 -6.98 0.00	79.28 -9.60 0.00	64.71 -7.59 0.00	50.43 -6.94 0.01	45.25 -4.48 0.00	40.92 -4.30 0.00	38.55 -3.91 0.00	37.30 -4.05 0.00	36.38 -4.18 0.00	37.02 -4.72 0.00	43.48 -5.37 0.00	48.99 -7.19 0.01	56.60 -7.79 0.00	65.23 -9.07 0.00	58.58 -7.76 0.00	51.35 -7.14 0.00	45.20 -5.36 0.00	44.14 -3.89 0.00
OXBOW___ 24026	49.48 -3.95 0.00	46.36 -3.98 0.00	45.03 -3.60 0.00	43.18 -3.40 0.00	46.43 -3.87 0.00	47.40 -4.92 0.00	57.95 -7.31 0.00	78.57 -10.31 0.00	64.13 -8.17 0.00	50.14 -7.23 0.01	44.65 -5.07 0.00	40.61 -4.61 0.00	38.38 -4.08 0.00	37.14 -4.22 0.00	36.17 -4.38 0.00	36.81 -4.93 0.00	43.23 -5.62 0.00	48.88 -7.31 0.01	56.28 -8.11 0.00	65.08 -9.21 0.00	58.18 -8.16 0.00	51.05 -7.43 0.00	45.05 -5.51 0.00	44.04 -3.99 0.00
OXY_CHEM_DSASP 323612	49.06 -4.38 0.00	46.06 -4.28 0.00	44.74 -3.89 0.00	42.90 -3.68 0.00	46.13 -4.18 0.00	46.88 -5.44 0.00	57.17 -8.09 0.00	77.42 -11.47 0.00	63.27 -9.04 0.00	49.39 -7.98 0.01	44.06 -5.67 0.00	40.11 -5.11 0.00	37.91 -4.54 0.00	36.68 -4.67 0.00	35.77 -4.79 0.00	36.35 -5.38 0.00	42.69 -6.15 0.00	48.26 -7.92 0.01	55.44 -8.95 0.00	64.04 -10.25 0.00	57.32 -9.02 0.00	50.35 -8.13 0.00	44.44 -6.12 0.00	43.46 -4.56 0.00
OZONE_PARK_ESR 323760	56.32 2.89 0.00	52.75 2.42 0.00	50.91 2.29 0.00	48.58 2.00 0.00	52.42 2.11 0.00	54.73 2.41 0.00	68.46 3.20 0.00	94.30 5.42 0.00	76.35 4.05 0.00	61.11 3.73 0.00	53.06 3.33 0.00	48.29 3.07 0.00	45.34 2.89 0.00	44.21 2.85 0.00	43.31 2.76 0.00	44.66 2.92 0.00	52.37 3.52 0.00	60.52 4.33 0.00	68.45 4.06 0.00	78.97 4.68 0.00	70.65 4.31 0.00	62.34 3.86 0.00	53.85 3.29 0.00	50.81 2.79 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	49.06 -4.38 0.00	46.06 -4.28 0.00	44.74 -3.89 0.00	42.90 -3.68 0.00	46.13 -4.18 0.00	46.88 -5.44 0.00	57.17 -8.09 0.00	77.42 -11.47 0.00	63.27 -9.04 0.00	49.39 -7.98 0.01	44.06 -5.67 0.00	40.11 -5.11 0.00	37.91 -4.54 0.00	36.68 -4.67 0.00	35.77 -4.79 0.00	36.35 -5.38 0.00	42.69 -6.15 0.00	48.26 -7.92 0.01	55.44 -8.95 0.00	64.04 -10.25 0.00	57.32 -9.02 0.00	50.35 -8.13 0.00	44.44 -6.12 0.00	43.46 -4.56 0.00
PACKARD___115KV_DUPONT_184 80571	49.32 -4.11 0.00	46.26 -4.08 0.00	45.13 -3.50 0.00	43.13 -3.45 0.00	46.38 -3.92 0.00	47.09 -5.23 0.00	57.49 -7.77 0.00	78.12 -10.76 0.00	63.77 -8.53 0.00	49.68 -7.69 0.01	44.65 -5.07 0.00	40.43 -4.79 0.00	38.04 -4.42 0.00	36.85 -4.51 0.00	35.93 -4.62 0.00	36.56 -5.18 0.00	42.94 -5.91 0.00	48.32 -7.87 0.01	55.76 -8.63 0.00	64.26 -10.03 0.00	57.72 -8.62 0.00	50.59 -7.90 0.00	44.60 -5.97 0.00	43.56 -4.47 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	56.43 2.99 0.00	52.75 2.42 0.00	50.86 2.24 0.00	48.44 1.86 0.00	52.27 1.96 0.00	54.36 2.04 0.00	67.48 2.22 0.00	93.06 4.18 0.00	75.34 3.04 0.00	60.48 3.10 0.00	52.66 2.93 0.00	48.02 2.80 0.00	45.05 2.59 0.00	43.96 2.61 0.00	43.07 2.51 0.00	44.37 2.63 0.00	52.02 3.18 0.00	60.07 3.88 0.00	67.67 3.28 0.00	78.08 3.79 0.00	69.79 3.45 0.00	61.82 3.33 0.00	53.49 2.93 0.00	50.76 2.74 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	57.12 3.69 0.00	53.46 3.12 0.00	51.55 2.92 0.00	49.09 2.52 0.00	52.92 2.62 0.00	55.04 2.72 0.00	68.33 3.07 0.00	94.13 5.24 0.00	76.21 3.90 0.00	61.17 3.79 0.00	53.16 3.43 0.00	48.48 3.26 0.00	45.47 3.01 0.00	44.33 2.98 0.00	43.43 3.01 0.00	44.74 3.01 0.00	52.56 3.71 0.00	60.63 4.44 0.00	68.38 3.99 0.00	78.90 4.61 0.00	70.52 4.18 0.00	62.46 3.98 0.00	54.10 3.54 0.00	51.29 3.27 0.00
PATROON___115KV_TB1 80586	54.02 0.59 0.00	51.14 0.81 0.00	49.50 0.88 0.00	47.46 0.88 0.00	51.11 0.80 0.00	53.31 0.99 0.00	66.56 1.31 0.00	90.66 1.78 0.00	73.53 1.23 0.00	58.35 0.98 0.00	50.32 0.60 0.00	45.76 0.54 0.00	43.01 0.55 0.00	41.85 0.50 0.00	41.12 0.57 0.00	42.45 0.71 0.00	49.78 0.93 0.00	57.49 1.29 0.00	65.48 1.09 0.00	75.55 1.26 0.00	67.34 1.00 0.00	59.42 0.94 0.00	51.37 0.81 0.00	48.70 0.67 0.00
PATRSNVILLE___SOLAR 323815	54.88 1.44 0.00	51.74 1.41 0.00	49.99 1.36 0.00	47.93 1.35 0.00	51.71 1.41 0.00	53.99 1.67 0.00	67.48 2.22 0.00	91.90 3.02 0.00	74.18 1.88 0.00	58.53 1.15 0.00	50.32 0.60 0.00	45.72 0.50 0.00	42.97 0.51 0.00	41.85 0.50 0.00	41.16 0.61 0.00	42.49 0.75 0.00	50.02 1.17 0.00	57.88 1.68 0.00	66.39 2.00 0.00	76.67 2.38 0.00	68.40 2.06 0.00	60.30 1.81 0.00	52.08 1.52 0.00	49.32 1.30 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	50.39 -3.05 0.00	47.06 -3.27 0.00	45.61 -3.01 0.00	43.73 -2.84 0.00	47.14 -3.17 0.00	48.71 -3.61 0.00	60.10 -5.16 0.00	81.42 -7.47 0.00	66.23 -6.07 0.00	51.80 -5.57 0.01	45.95 -3.78 0.00	41.74 -3.48 0.00	39.40 -3.06 0.00	38.13 -3.23 0.00	37.19 -3.37 0.00	37.82 -3.92 0.00	44.45 -4.40 0.00	50.45 -5.73 0.01	58.21 -6.18 0.00	67.31 -6.98 0.00	60.24 -6.10 0.00	52.81 -5.67 0.00	46.31 -4.25 0.00	45.29 -2.74 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	56.11 2.67 0.00	52.65 2.32 0.00	50.82 2.19 0.00	48.58 2.00 0.00	52.42 2.11 0.00	54.73 2.41 0.00	68.46 3.20 0.00	94.30 5.42 0.00	76.14 3.83 0.00	60.82 3.44 0.00	52.61 2.88 0.00	47.84 2.62 0.00	44.88 2.42 0.00	43.71 2.36 0.00	42.86 2.31 0.00	44.20 2.46 0.00	51.83 2.98 0.00	60.02 3.82 0.00	68.06 3.67 0.00	78.60 4.31 0.00	70.32 3.98 0.00	61.99 3.51 0.00	53.65 3.08 0.00	50.57 2.55 0.00
PEEKSKILL___ 23653	55.42 1.98 0.00	51.99 1.66 0.00	50.14 1.51 0.00	47.88 1.30 0.00	51.66 1.36 0.00	54.04 1.72 0.00	67.54 2.28 0.00	92.88 4.00 0.00	75.20 2.90 0.00	60.02 2.64 0.00	52.01 2.29 0.00	47.39 2.17 0.00	44.54 2.08 0.00	43.46 2.11 0.00	42.62 2.07 0.00	43.87 2.13 0.00	51.44 2.59 0.00	59.45 3.26 0.00	67.35 2.96 0.00	77.71 3.42 0.00	69.53 3.18 0.00	61.29 2.81 0.00	52.99 2.43 0.00	49.95 1.92 0.00

PGE MADISON___WINDPWR 24146	55.79 2.35 0.00	52.35 2.01 0.00	50.52 1.90 0.00	48.58 2.00 0.00	52.47 2.16 0.00	54.67 2.35 0.00	68.98 3.72 0.00	94.13 5.24 0.00	76.35 4.05 0.00	60.03 2.64 -0.01	51.71 1.99 0.00	46.85 1.63 0.00	43.81 1.36 0.00	42.68 1.32 0.00	41.85 1.30 0.00	43.16 1.42 0.00	51.24 2.39 0.00	59.51 3.32 0.00	68.38 3.99 0.00	78.97 4.68 0.00	70.25 3.91 0.00	61.64 3.16 0.00	53.39 2.83 0.00	50.76 2.74 0.00
PIERCEFIELD___HYD 23852	52.53 -0.91 0.00	49.53 -0.81 0.00	47.70 -0.92 0.00	45.64 -0.93 0.00	48.85 -1.46 0.00	50.54 -1.78 0.00	63.24 -2.02 0.00	85.06 -3.82 0.00	69.48 -2.82 0.00	54.57 -2.81 0.00	47.29 -2.44 0.00	42.96 -2.26 0.00	40.16 -2.29 0.00	39.29 -2.07 0.00	38.52 -2.03 0.00	39.82 -1.92 0.00	46.99 -1.86 0.00	54.00 -2.19 0.00	62.39 -2.00 0.00	72.14 -2.15 0.00	64.35 -1.99 0.00	57.25 -1.23 0.00	49.60 -0.96 0.00	47.02 -1.01 0.00
PINELAWN_CC_1 323563	57.08 3.64 -0.01	53.47 3.12 -0.01	51.50 2.87 0.00	49.00 2.42 0.00	52.97 2.66 0.00	55.62 3.30 0.00	69.31 4.05 0.00	94.39 5.51 0.00	77.29 4.99 0.00	61.34 3.96 -0.01	53.51 3.78 -0.01	48.80 3.57 -0.01	45.82 3.35 -0.01	44.71 3.35 -0.01	43.84 3.28 -0.01	45.17 3.42 -0.01	56.49 4.10 -3.54	64.26 5.06 -3.00	69.49 5.03 -0.07	80.02 5.72 -0.01	72.34 5.31 -0.69	63.23 4.73 -0.01	58.47 4.15 -3.76	51.59 3.55 -0.01
PJM_GEN_HTP_PROXY 323702	55.90 2.46 0.00	52.35 2.02 0.00	50.52 1.89 0.00	48.20 1.63 0.00	52.02 1.71 0.00	54.42 2.09 0.00	68.79 2.74 -0.79	92.80 4.71 0.79	75.85 3.54 0.00	60.59 3.21 0.00	52.56 2.83 0.00	47.93 2.71 0.00	45.05 2.59 0.00	43.92 2.56 0.00	43.07 2.52 0.00	44.33 2.59 0.00	51.98 3.13 0.00	60.02 3.82 0.00	67.93 3.54 0.00	78.37 4.08 0.00	70.05 3.71 0.00	61.76 3.27 0.00	53.44 2.88 0.00	50.38 2.35 0.00
PJM_GEN_KEystone 24065	51.63 -0.86 0.95	47.98 -1.11 1.25	46.23 -0.97 1.43	45.55 -1.02 0.00	46.23 -1.21 2.87	50.50 -1.26 0.56	64.35 -1.70 -0.79	86.13 -1.96 0.79	69.34 -1.80 1.16	52.22 -1.55 3.61	48.83 -0.89 0.00	44.45 -0.77 0.00	41.82 -0.64 0.00	40.69 -0.66 0.00	39.82 -0.73 0.00	38.50 -0.96 2.28	40.50 -0.98 7.37	46.70 -1.29 8.21	58.70 -1.74 3.95	72.36 -1.93 0.00	64.67 -1.66 0.01	56.96 -1.52 0.00	47.00 -1.06 2.50	43.30 -0.77 3.96
PJM_GEN_NEPTUNE_PROXY 323594	56.33 2.88 -0.01	52.86 2.52 -0.01	50.87 2.24 0.00	48.44 1.86 0.00	52.37 2.06 0.00	54.94 2.61 0.00	69.18 3.13 -0.79	92.44 4.35 0.79	76.28 3.97 0.00	60.71 3.33 -0.01	52.82 3.08 -0.01	48.12 2.90 -0.01	45.27 2.80 -0.01	44.18 2.81 -0.01	43.32 2.76 -0.01	44.54 2.80 -0.01	53.74 3.37 -1.53	61.65 4.16 -1.30	68.36 3.93 -0.04	78.76 4.46 -0.01	70.76 4.11 -0.30	62.24 3.75 -0.01	55.47 3.28 -1.62	50.77 2.74 -0.01
PJM_GEN_VFT_PROXY 323633	55.62 2.19 0.01	52.09 1.76 0.01	50.22 1.60 0.01	47.96 1.40 0.01	51.76 1.46 0.01	54.14 1.83 0.01	68.39 2.35 -0.78	92.35 4.27 0.80	75.47 3.18 0.01	60.30 2.92 0.01	52.30 2.58 0.01	47.70 2.49 0.01	44.82 2.38 0.01	43.70 2.36 0.01	42.85 2.31 0.01	44.15 2.42 0.01	51.77 2.93 0.01	59.73 3.54 0.01	67.46 3.15 0.08	77.92 3.64 0.01	69.51 3.32 0.14	10.00 3.04 51.52	53.18 2.63 0.01	50.13 2.11 0.01
PLATSBURG_115KV_PMLD1 355749	55.20 1.76 0.00	51.90 1.56 0.00	49.89 1.26 0.00	47.55 0.98 0.00	51.31 1.01 0.00	53.16 0.84 0.00	66.37 1.11 0.00	90.13 1.24 0.00	73.97 1.66 0.00	58.35 0.98 0.00	50.67 0.94 0.00	46.03 0.81 0.00	43.09 0.64 0.00	42.06 0.70 0.00	41.16 0.61 0.00	42.41 0.67 0.00	49.48 0.64 0.00	56.81 0.62 0.00	65.61 1.22 0.00	75.78 1.49 0.00	67.73 1.39 0.00	59.77 1.29 0.00	51.67 1.11 0.00	48.94 0.91 0.00
PLEASANTVLY___LBMP 24000	55.20 1.76 0.00	51.85 1.51 0.00	50.09 1.46 0.00	47.88 1.30 0.00	51.66 1.36 0.00	53.94 1.62 0.00	67.41 2.15 0.00	92.53 3.64 0.00	74.83 2.53 0.00	59.79 2.41 0.00	51.71 1.99 0.00	47.12 1.90 0.00	44.24 1.78 0.00	43.13 1.78 0.00	42.30 1.74 0.00	43.62 1.88 0.00	51.10 2.25 0.00	59.06 2.87 0.00	66.97 2.58 0.00	77.34 3.05 0.00	69.13 2.79 0.00	60.94 2.46 0.00	52.69 2.12 0.00	49.76 1.73 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	55.52 2.08 0.00	52.15 1.81 0.00	50.33 1.70 0.00	48.07 1.49 0.00	51.86 1.56 0.00	54.20 1.88 0.00	67.74 2.48 0.00	93.06 4.18 0.00	75.27 2.96 0.00	60.19 2.81 0.00	52.11 2.39 0.00	47.48 2.26 0.00	44.58 2.12 0.00	43.46 2.11 0.00	42.62 2.07 0.00	43.91 2.17 0.00	51.49 2.64 0.00	59.51 3.32 0.00	67.48 3.09 0.00	77.86 3.57 0.00	69.59 3.25 0.00	61.35 2.87 0.00	53.04 2.48 0.00	50.04 2.02 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	55.52 2.08 0.00	52.15 1.81 0.00	50.33 1.70 0.00	48.07 1.49 0.00	51.86 1.56 0.00	54.20 1.88 0.00	67.74 2.48 0.00	93.06 4.18 0.00	75.27 2.96 0.00	60.19 2.81 0.00	52.11 2.39 0.00	47.48 2.26 0.00	44.58 2.12 0.00	43.46 2.11 0.00	42.62 2.07 0.00	43.91 2.17 0.00	51.49 2.64 0.00	59.51 3.32 0.00	67.48 3.09 0.00	77.86 3.57 0.00	69.59 3.25 0.00	61.35 2.87 0.00	53.04 2.48 0.00	50.04 2.02 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	55.57 2.14 0.00	52.25 1.91 0.00	50.43 1.80 0.00	48.21 1.63 0.00	52.07 1.76 0.00	54.36 2.04 0.00	67.94 2.68 0.00	93.33 4.44 0.00	75.41 3.11 0.00	60.13 2.75 0.00	51.91 2.19 0.00	47.25 2.03 0.00	44.41 1.95 0.00	43.26 1.90 0.00	42.42 1.87 0.00	43.74 2.00 0.00	51.29 2.44 0.00	59.40 3.20 0.00	67.48 3.09 0.00	77.93 3.64 0.00	69.66 3.32 0.00	61.41 2.92 0.00	53.04 2.48 0.00	50.09 2.07 0.00
POLETTI___ 23519	55.84 2.40 0.00	52.30 1.96 0.00	50.48 1.85 0.00	48.16 1.58 0.00	51.96 1.66 0.00	54.26 1.94 0.00	67.80 2.55 0.00	93.33 4.44 0.00	75.56 3.25 0.00	60.53 3.16 0.00	52.56 2.83 0.00	47.89 2.67 0.00	44.96 2.50 0.00	43.84 2.48 0.00	42.94 2.39 0.00	44.29 2.55 0.00	51.93 3.08 0.00	59.90 3.71 0.00	67.74 3.35 0.00	78.15 3.86 0.00	69.92 3.58 0.00	61.70 3.22 0.00	53.34 2.78 0.00	50.33 2.31 0.00
POMONA___ESR 323819	55.31 1.87 0.00	51.84 1.51 0.00	50.04 1.41 0.00	47.78 1.21 0.00	51.56 1.26 0.00	53.94 1.62 0.00	67.41 2.15 0.00	92.61 3.73 0.00	75.05 2.75 0.00	59.84 2.47 0.00	51.86 2.14 0.00	47.30 2.08 0.00	44.45 2.00 0.00	43.38 2.03 0.00	42.54 1.99 0.00	43.78 2.04 0.00	51.29 2.44 0.00	59.28 3.09 0.00	67.22 2.83 0.00	77.56 3.27 0.00	69.33 2.99 0.00	61.12 2.63 0.00	52.84 2.28 0.00	49.85 1.82 0.00
PORT_JEFF_3 23555	57.51 4.06 -0.01	53.87 3.52 -0.01	51.84 3.21 0.00	49.32 2.75 0.00	53.32 3.02 0.00	56.04 3.72 0.00	69.83 4.57 0.00	94.75 5.86 0.00	77.87 5.57 0.00	61.75 4.36 -0.01	54.16 4.42 -0.01	49.34 4.11 -0.01	46.33 3.86 -0.01	45.16 3.80 -0.01	44.29 3.73 -0.01	45.63 3.88 -0.01	56.95 4.79 -3.31	64.96 5.95 -2.81	70.38 5.92 -0.07	80.84 6.54 -0.01	73.15 6.17 -0.64	64.16 5.67 -0.01	58.94 4.85 -3.52	52.26 4.23 -0.01

PORT_JEFF_4 23616	57.51 4.06 -0.01	53.87 3.52 -0.01	51.84 3.21 0.00	49.32 2.75 0.00	53.32 3.02 0.00	56.04 3.72 0.00	69.83 4.57 0.00	94.75 5.86 0.00	77.87 5.57 0.00	61.75 4.36 -0.01	54.16 4.42 -0.01	49.34 4.11 -0.01	46.33 3.86 -0.01	45.16 3.80 -0.01	44.29 3.73 -0.01	45.63 3.88 -0.01	56.95 4.79 -3.31	64.96 5.95 -2.81	70.38 5.92 -0.07	80.84 6.54 -0.01	73.15 6.17 -0.64	64.16 5.67 -0.01	58.94 4.85 -3.52	52.26 4.23 -0.01
PORT_JEFF_IC 23713	57.56 4.11 -0.01	53.97 3.62 -0.01	52.03 3.40 0.00	49.51 2.93 0.00	53.52 3.22 0.00	56.04 3.71 0.00	69.89 4.63 0.00	94.84 5.96 0.00	77.15 4.84 0.00	62.04 4.65 -0.01	54.31 4.57 -0.01	49.43 4.21 -0.01	46.37 3.91 -0.01	45.21 3.85 -0.01	44.33 3.77 -0.01	45.71 3.97 -0.01	57.05 4.88 -3.31	65.08 6.07 -2.81	70.51 6.05 -0.07	80.99 6.69 -0.01	73.42 6.44 -0.64	64.28 5.79 -0.01	59.04 4.96 -3.53	52.36 4.32 -0.01
PPL_PILGRIM_ST_GT1 24216	57.51 4.06 -0.01	53.87 3.52 -0.01	51.84 3.21 0.00	49.32 2.75 0.00	53.32 3.02 0.00	56.04 3.72 0.00	69.76 4.50 0.00	94.93 6.05 0.00	77.80 5.49 0.00	61.75 4.36 -0.01	54.06 4.32 -0.01	49.21 3.98 -0.01	46.24 3.78 -0.01	45.09 3.72 -0.01	44.21 3.65 -0.01	45.55 3.80 -0.01	56.84 4.64 -3.34	64.71 5.67 -2.84	70.13 5.67 -0.07	80.69 6.39 -0.01	72.96 5.97 -0.65	63.81 5.32 -0.01	58.77 4.65 -3.56	52.07 4.03 -0.01
PPL_PILGRIM_ST_GT2 24217	57.51 4.06 -0.01	53.87 3.52 -0.01	51.84 3.21 0.00	49.32 2.75 0.00	53.32 3.02 0.00	56.04 3.72 0.00	69.76 4.50 0.00	94.93 6.05 0.00	77.80 5.49 0.00	61.75 4.36 -0.01	54.06 4.32 -0.01	49.21 3.98 -0.01	46.24 3.78 -0.01	45.09 3.72 -0.01	44.21 3.65 -0.01	45.55 3.80 -0.01	56.84 4.64 -3.34	64.71 5.67 -2.84	70.13 5.67 -0.07	80.69 6.39 -0.01	72.96 5.97 -0.65	63.81 5.32 -0.01	58.77 4.65 -3.56	52.07 4.03 -0.01
PPL_SHRM_GT3 24213	57.30 3.85 -0.01	53.67 3.32 -0.01	51.59 2.97 0.00	49.09 2.51 0.00	53.07 2.76 0.00	55.83 3.51 0.00	69.70 4.44 0.00	93.77 4.89 0.00	77.65 5.35 0.00	61.46 4.07 -0.01	54.41 4.67 -0.01	49.53 4.30 -0.01	46.45 3.99 -0.01	45.29 3.93 -0.01	44.37 3.81 -0.01	45.80 4.05 -0.01	57.24 5.08 -3.31	65.41 6.40 -2.81	70.70 6.24 -0.07	80.84 6.54 -0.01	73.41 6.43 -0.64	64.69 6.20 -0.01	59.39 5.31 -3.52	52.60 4.57 -0.01
PPL_SHRM_GT4 24214	57.30 3.85 -0.01	53.67 3.32 -0.01	51.59 2.97 0.00	49.09 2.51 0.00	53.07 2.76 0.00	55.83 3.51 0.00	69.70 4.44 0.00	93.77 4.89 0.00	77.65 5.35 0.00	61.46 4.07 -0.01	54.41 4.67 -0.01	49.53 4.30 -0.01	46.45 3.99 -0.01	45.29 3.93 -0.01	44.37 3.81 -0.01	45.80 4.05 -0.01	57.24 5.08 -3.31	65.41 6.40 -2.81	70.70 6.24 -0.07	80.84 6.54 -0.01	73.41 6.43 -0.64	64.69 6.20 -0.01	59.39 5.31 -3.52	52.60 4.57 -0.01
PROJECT___ORANGE 1 24174	52.96 -0.48 0.00	49.73 -0.60 0.00	48.04 -0.58 0.00	46.06 -0.51 0.00	49.85 -0.45 0.00	51.80 -0.52 0.00	64.61 -0.65 0.00	88.26 -0.62 0.00	71.80 -0.51 0.00	57.03 -0.34 0.00	49.58 -0.15 0.00	45.08 -0.14 0.00	42.33 -0.13 0.00	41.19 -0.17 0.00	40.31 -0.24 0.00	41.45 -0.29 0.00	48.56 -0.29 0.00	55.69 -0.51 0.00	63.75 -0.64 0.00	73.62 -0.67 0.00	65.68 -0.66 0.00	57.84 -0.64 0.00	50.06 -0.51 0.00	47.64 -0.38 0.00
PROJECT___ORANGE 2 24166	52.96 -0.48 0.00	49.73 -0.60 0.00	48.04 -0.58 0.00	46.06 -0.51 0.00	49.85 -0.45 0.00	51.80 -0.52 0.00	64.61 -0.65 0.00	88.26 -0.62 0.00	71.80 -0.51 0.00	57.03 -0.34 0.00	49.58 -0.15 0.00	45.08 -0.14 0.00	42.33 -0.13 0.00	41.19 -0.17 0.00	40.31 -0.24 0.00	41.45 -0.29 0.00	48.56 -0.29 0.00	55.69 -0.51 0.00	63.75 -0.64 0.00	73.62 -0.67 0.00	65.68 -0.66 0.00	57.84 -0.64 0.00	50.06 -0.51 0.00	47.64 -0.38 0.00
PUCKETT___SOLAR 323809	54.03 0.59 0.00	50.69 0.35 0.00	49.02 0.39 0.00	46.95 0.37 0.00	50.81 0.50 0.00	52.84 0.52 0.00	66.11 0.85 0.00	89.95 1.07 0.00	73.03 0.72 0.00	57.67 0.29 0.00	50.08 0.35 0.00	45.40 0.18 0.00	42.58 0.13 0.00	41.44 0.08 0.00	40.55 0.00 0.00	41.82 0.08 0.00	49.24 0.39 0.00	56.76 0.56 0.00	65.10 0.71 0.00	75.19 0.89 0.00	67.07 0.73 0.00	59.01 0.53 0.00	51.17 0.61 0.00	48.70 0.67 0.00
PYRITES___HYD 24023	53.70 0.27 0.00	50.69 0.35 0.00	48.82 0.19 0.00	46.72 0.14 0.00	50.15 -0.15 0.00	51.85 -0.47 0.00	65.00 -0.26 0.00	87.46 -1.42 0.00	71.36 -0.94 0.00	55.89 -1.49 0.00	48.43 -1.29 0.00	44.00 -1.22 0.00	41.06 -1.40 0.00	40.11 -1.24 0.00	39.38 -1.18 0.00	40.74 -1.00 0.00	47.97 -0.88 0.00	55.13 -1.07 0.00	63.87 -0.52 0.00	73.99 -0.30 0.00	65.94 -0.40 0.00	58.54 0.06 0.00	50.71 0.15 0.00	48.08 0.05 0.00
QUAKERRD_115KV_BK1 80622	51.30 -2.14 0.00	48.07 -2.27 0.00	46.49 -2.14 0.00	44.57 -2.00 0.00	48.19 -2.11 0.00	49.97 -2.35 0.00	62.00 -3.26 0.00	84.61 -4.27 0.00	69.12 -3.18 0.00	54.62 -2.75 0.00	47.79 -1.94 0.00	43.46 -1.76 0.00	40.84 -1.61 0.00	39.70 -1.65 0.00	38.69 -1.87 0.00	39.69 -2.05 0.00	46.65 -2.20 0.00	53.28 -2.92 0.00	61.17 -3.22 0.00	70.58 -3.71 0.00	63.02 -3.32 0.00	55.38 -3.10 0.00	48.08 -2.48 0.00	46.11 -1.92 0.00
QUENSBRY_115KV_TB8 356137	54.51 1.07 0.00	51.44 1.11 0.00	49.75 1.12 0.00	47.69 1.12 0.00	51.51 1.21 0.00	53.94 1.62 0.00	67.35 2.09 0.00	91.90 3.02 0.00	74.04 1.74 0.00	58.41 1.03 0.00	50.22 0.50 0.00	45.54 0.32 0.00	42.75 0.30 0.00	41.52 0.17 0.00	40.79 0.24 0.00	42.24 0.50 0.00	49.83 0.98 0.00	57.71 1.52 0.00	66.06 1.67 0.00	76.45 2.15 0.00	68.07 1.72 0.00	59.94 1.46 0.00	51.72 1.16 0.00	50.04 2.02 0.00
RAMAPO___LBMP 323565	55.15 1.71 0.00	51.74 1.41 0.00	49.94 1.31 0.00	47.69 1.12 0.00	51.46 1.16 0.00	53.73 1.41 0.00	67.22 1.96 0.00	92.44 3.56 0.00	74.76 2.46 0.00	59.73 2.35 0.00	51.76 2.04 0.00	47.16 1.94 0.00	44.32 1.87 0.00	43.26 1.90 0.00	42.38 1.82 0.00	43.66 1.92 0.00	51.14 2.30 0.00	59.12 2.92 0.00	66.97 2.58 0.00	77.34 3.05 0.00	69.13 2.79 0.00	61.00 2.51 0.00	52.69 2.12 0.00	49.76 1.73 0.00
RANKINE___ 23646	50.18 -3.26 0.00	46.86 -3.47 0.00	45.42 -3.21 0.00	43.55 -3.03 0.00	46.93 -3.37 0.00	48.40 -3.92 0.00	59.52 -5.74 0.00	80.70 -8.18 0.00	65.80 -6.51 0.00	51.40 -5.97 0.01	45.70 -4.03 0.00	41.51 -3.71 0.00	39.23 -3.23 0.00	37.92 -3.43 0.00	36.98 -3.57 0.00	37.61 -4.13 0.00	44.21 -4.64 0.00	50.12 -6.07 0.01	57.76 -6.63 0.00	66.79 -7.50 0.00	59.77 -6.57 0.00	52.40 -6.08 0.00	46.06 -4.50 0.00	45.00 -3.03 0.00
RAVENSWOOD_GT2_1 24244	55.95 2.51 0.00	52.45 2.11 0.00	50.57 1.95 0.00	48.25 1.68 0.00	52.12 1.81 0.00	54.41 2.09 0.00	67.94 2.68 0.00	93.59 4.71 0.00	75.77 3.47 0.00	60.65 3.27 0.00	52.66 2.93 0.00	47.98 2.76 0.00	45.05 2.59 0.00	43.92 2.56 0.00	43.07 2.51 0.00	44.37 2.63 0.00	52.02 3.18 0.00	60.07 3.88 0.00	67.93 3.54 0.00	78.38 4.09 0.00	70.06 3.72 0.00	61.87 3.39 0.00	53.44 2.88 0.00	50.48 2.45 0.00

RAVENSWOOD_GT_9 24257	55.95 2.51 0.00	52.40 2.06 0.00	50.57 1.95 0.00	48.25 1.68 0.00	52.12 1.81 0.00	54.41 2.09 0.00	68.00 2.74 0.00	93.59 4.71 0.00	75.77 3.47 0.00	60.65 3.27 0.00	52.66 2.93 0.00	47.98 2.76 0.00	45.05 2.59 0.00	43.92 2.56 0.00	43.02 2.47 0.00	44.37 2.63 0.00	52.02 3.18 0.00	60.07 3.88 0.00	67.93 3.54 0.00	78.38 4.09 0.00	70.06 3.72 0.00	61.87 3.39 0.00	53.44 2.88 0.00	50.48 2.45 0.00
RAVENSWOOD___1 23533	56.16 2.72 0.00	52.60 2.27 0.00	50.72 2.09 0.00	48.34 1.77 0.00	52.22 1.91 0.00	54.52 2.20 0.00	67.80 2.54 0.00	93.41 4.53 0.00	75.70 3.40 0.00	60.65 3.27 0.00	52.71 2.98 0.00	48.12 2.90 0.00	45.21 2.76 0.00	44.08 2.73 0.00	43.23 2.68 0.00	44.49 2.75 0.00	52.22 3.37 0.00	60.24 4.05 0.00	67.93 3.54 0.00	78.30 4.01 0.00	69.99 3.65 0.00	61.93 3.45 0.00	53.60 3.03 0.00	50.62 2.59 0.00
RAVENSWOOD___2 23534	56.11 2.67 0.00	52.60 2.27 0.00	50.67 2.04 0.00	48.34 1.77 0.00	52.17 1.86 0.00	54.52 2.20 0.00	67.74 2.48 0.00	93.41 4.53 0.00	75.70 3.40 0.00	60.65 3.27 0.00	52.71 2.98 0.00	48.12 2.90 0.00	45.21 2.76 0.00	44.08 2.73 0.00	43.19 2.63 0.00	44.49 2.75 0.00	52.22 3.37 0.00	60.24 4.05 0.00	67.86 3.47 0.00	78.30 4.01 0.00	69.99 3.65 0.00	61.93 3.45 0.00	53.60 3.03 0.00	50.62 2.59 0.00
RAVENSWOOD___3 23535	55.95 2.51 0.00	52.40 2.06 0.00	50.52 1.89 0.00	48.20 1.63 0.00	52.06 1.76 0.00	54.42 2.09 0.00	67.94 2.68 0.00	93.50 4.62 0.00	75.85 3.54 0.00	60.59 3.21 0.00	52.56 2.83 0.00	47.93 2.71 0.00	45.05 2.59 0.00	43.92 2.56 0.00	43.07 2.52 0.00	44.33 2.59 0.00	52.02 3.17 0.00	60.02 3.82 0.00	67.86 3.47 0.00	78.30 4.01 0.00	70.05 3.71 0.00	61.81 3.33 0.00	53.44 2.88 0.00	50.43 2.40 0.00
RAVENSWOOD___4 23820	56.11 2.67 0.00	52.55 2.21 0.00	50.67 2.04 0.00	48.30 1.72 0.00	52.17 1.86 0.00	54.47 2.15 0.00	67.74 2.48 0.00	93.41 4.53 0.00	75.70 3.40 0.00	60.65 3.27 0.00	52.71 2.98 0.00	48.12 2.90 0.00	45.18 2.72 0.00	44.08 2.73 0.00	43.19 2.63 0.00	44.49 2.75 0.00	52.17 3.32 0.00	60.19 3.99 0.00	67.86 3.47 0.00	78.30 4.01 0.00	69.99 3.65 0.00	61.93 3.45 0.00	53.60 3.03 0.00	50.62 2.59 0.00
RCPI_TRUST___DRP 24196	56.00 2.56 0.00	52.45 2.11 0.00	50.62 1.99 0.00	48.30 1.72 0.00	52.12 1.81 0.00	54.47 2.15 0.00	68.13 2.87 0.00	93.77 4.89 0.00	75.92 3.62 0.00	60.76 3.39 0.00	52.76 3.03 0.00	48.07 2.85 0.00	45.13 2.67 0.00	44.00 2.65 0.00	43.11 2.55 0.00	44.45 2.71 0.00	52.12 3.27 0.00	60.13 3.93 0.00	68.06 3.67 0.00	78.45 4.16 0.00	70.19 3.85 0.00	61.93 3.45 0.00	53.49 2.93 0.00	50.48 2.45 0.00
RED___ROCHESTER 323720	52.48 -0.96 0.00	49.08 -1.26 0.00	47.56 -1.07 0.00	45.55 -1.02 0.00	49.25 -1.06 0.00	51.01 -1.31 0.00	63.24 -2.02 0.00	86.39 -2.49 0.00	70.71 -1.59 0.00	55.77 -1.61 0.01	49.03 -0.70 0.00	44.49 -0.73 0.00	41.78 -0.68 0.00	40.57 -0.79 0.00	39.50 -1.05 0.00	40.53 -1.21 0.00	47.68 -1.17 0.00	54.29 -1.91 0.00	62.52 -1.87 0.00	71.99 -2.30 0.00	64.41 -1.93 0.00	56.49 -1.99 0.00	49.09 -1.47 0.00	47.11 -0.91 0.00
REGAN___SOLAR 323812	56.54 3.10 0.00	53.20 2.87 0.00	51.45 2.82 0.00	49.28 2.70 0.00	53.27 2.97 0.00	55.77 3.45 0.00	69.76 4.50 0.00	95.37 6.48 0.00	76.06 3.76 0.00	59.44 2.06 0.00	50.77 1.05 0.00	46.03 0.81 0.00	43.30 0.85 0.00	42.14 0.78 0.00	41.44 0.89 0.00	42.87 1.13 0.00	50.80 1.96 0.00	59.23 3.03 0.00	68.51 4.12 0.00	79.35 5.05 0.00	70.65 4.31 0.00	62.17 3.69 0.00	53.65 3.08 0.00	50.72 2.69 0.00
RENSSELAER___COGEN 23796	53.76 0.32 0.00	50.89 0.55 0.00	49.21 0.59 0.00	47.23 0.65 0.00	50.91 0.61 0.00	53.00 0.68 0.00	66.17 0.91 0.00	90.03 1.15 0.00	72.95 0.65 0.00	58.01 0.63 0.00	49.92 0.20 0.00	45.45 0.23 0.00	42.76 0.30 0.00	41.65 0.29 0.00	40.92 0.36 0.00	42.20 0.46 0.00	49.48 0.63 0.00	57.15 0.95 0.00	65.10 0.71 0.00	75.11 0.82 0.00	67.00 0.66 0.00	59.13 0.64 0.00	51.12 0.56 0.00	48.41 0.38 0.00
REPUBLIC_115KV_BARTNBRK 55605	55.47 2.03 0.00	52.25 1.91 0.00	50.52 1.90 0.00	48.44 1.86 0.00	52.37 2.06 0.00	54.94 2.62 0.00	68.72 3.46 0.00	93.86 4.98 0.00	75.12 2.82 0.00	58.87 1.49 0.00	50.47 0.75 0.00	45.63 0.41 0.00	42.80 0.34 0.00	41.48 0.12 0.00	40.71 0.16 0.00	42.32 0.58 0.00	50.12 1.27 0.00	58.33 2.14 0.00	67.16 2.77 0.00	78.08 3.79 0.00	69.39 3.05 0.00	61.00 2.51 0.00	52.58 2.02 0.00	50.67 2.64 0.00
REVERE_CPDRP 24186	54.51 1.07 0.00	51.24 0.91 0.00	49.55 0.92 0.00	47.55 0.98 0.00	51.36 1.06 0.00	53.52 1.20 0.00	67.22 1.96 0.00	92.08 3.20 0.00	74.83 2.53 0.00	59.04 1.66 0.00	50.97 1.24 0.00	46.21 0.99 0.00	43.31 0.85 0.00	42.18 0.83 0.00	41.36 0.81 0.00	42.66 0.92 0.00	50.36 1.51 0.00	58.11 1.91 0.00	66.71 2.32 0.00	77.04 2.75 0.00	68.60 2.26 0.00	60.35 1.87 0.00	52.18 1.62 0.00	49.52 1.49 0.00
REYNOLDA_13_KV_LD 356490	53.44 0.00 0.00	50.89 0.55 0.00	49.06 0.44 0.00	46.86 0.28 0.00	50.66 0.35 0.00	51.90 -0.42 0.00	64.61 -0.65 0.00	87.72 -1.16 0.00	71.87 -0.43 0.00	56.81 -0.57 0.00	49.87 0.15 0.00	45.31 0.09 0.00	42.46 0.00 0.00	41.48 0.12 0.00	40.59 0.04 0.00	41.82 0.08 0.00	48.75 -0.10 0.00	55.35 -0.84 0.00	63.68 -0.71 0.00	73.48 -0.82 0.00	65.61 -0.73 0.00	57.95 -0.53 0.00	50.66 0.10 0.00	48.22 0.19 0.00
REYNOLDS_115KV_TB3 80639	54.02 0.59 0.00	51.14 0.81 0.00	49.45 0.83 0.00	47.51 0.93 0.00	51.11 0.80 0.00	53.37 1.05 0.00	66.63 1.37 0.00	90.57 1.69 0.00	73.39 1.08 0.00	58.30 0.92 0.00	50.17 0.45 0.00	45.67 0.45 0.00	42.88 0.42 0.00	41.77 0.41 0.00	41.04 0.49 0.00	42.37 0.63 0.00	49.68 0.83 0.00	57.38 1.18 0.00	65.42 1.03 0.00	75.48 1.19 0.00	67.27 0.93 0.00	59.36 0.88 0.00	51.37 0.81 0.00	48.60 0.58 0.00
RIVERBAY___ 323610	57.12 3.69 0.00	53.46 3.12 0.00	51.55 2.92 0.00	49.09 2.52 0.00	52.92 2.62 0.00	55.04 2.72 0.00	68.33 3.07 0.00	94.13 5.24 0.00	76.21 3.90 0.00	61.17 3.79 0.00	53.16 3.43 0.00	48.48 3.26 0.00	45.47 3.01 0.00	44.33 2.98 0.00	43.43 2.88 0.00	44.74 3.01 0.00	52.56 3.71 0.00	60.63 4.44 0.00	68.38 3.99 0.00	78.90 4.61 0.00	70.52 4.18 0.00	62.46 3.98 0.00	54.10 3.54 0.00	51.29 3.27 0.00
RIVERSIDE_115KV_TB3 55908	54.02 0.59 0.00	51.09 0.76 0.00	49.45 0.83 0.00	47.46 0.88 0.00	51.11 0.80 0.00	53.31 0.99 0.00	66.56 1.31 0.00	90.48 1.60 0.00	73.39 1.08 0.00	58.30 0.92 0.00	50.22 0.50 0.00	45.67 0.45 0.00	42.92 0.47 0.00	41.77 0.41 0.00	41.04 0.49 0.00	42.37 0.63 0.00	49.68 0.83 0.00	57.38 1.18 0.00	65.42 1.03 0.00	75.48 1.19 0.00	67.27 0.93 0.00	59.36 0.88 0.00	51.32 0.76 0.00	48.65 0.62 0.00

ROARING___BROOK_WT_PWR 323790	53.38 -0.05 0.00	50.28 -0.05 0.00	48.58 -0.05 0.00	46.48 -0.09 0.00	50.20 -0.10 0.00	52.16 -0.16 0.00	65.06 -0.20 0.00	88.62 -0.27 0.00	72.16 -0.14 0.00	57.21 -0.17 0.00	49.63 -0.10 0.00	45.08 -0.14 0.00	42.33 -0.13 0.00	41.23 -0.12 0.00	40.43 -0.12 0.00	41.61 -0.12 0.00	48.70 -0.15 0.00	56.03 -0.17 0.00	64.20 -0.19 0.00	74.07 -0.22 0.00	66.14 -0.20 0.00	58.31 -0.17 0.00	50.46 -0.10 0.00	47.93 -0.10 0.00
ROCHESRG_115KV_T4 355643	51.78 -1.66 0.00	48.47 -1.86 0.00	46.93 -1.70 0.00	44.99 -1.58 0.00	48.64 -1.66 0.00	50.38 -1.94 0.00	62.39 -2.87 0.00	85.15 -3.73 0.00	69.48 -2.82 0.00	54.85 -2.52 0.00	48.08 -1.64 0.00	43.73 -1.49 0.00	41.14 -1.32 0.00	39.95 -1.41 0.00	38.93 -1.62 0.00	39.90 -1.84 0.00	46.89 -1.95 0.00	53.50 -2.70 0.00	61.49 -2.90 0.00	70.95 -3.34 0.00	63.36 -2.99 0.00	55.67 -2.81 0.00	48.39 -2.17 0.00	46.49 -1.54 0.00
ROCHESTER_9_IC 23652	52.15 -1.28 0.00	48.77 -1.56 0.00	47.22 -1.41 0.00	45.27 -1.30 0.00	48.95 -1.36 0.00	50.70 -1.62 0.00	62.84 -2.41 0.00	85.77 -3.11 0.00	70.13 -2.17 0.00	55.31 -2.07 0.01	48.48 -1.24 0.00	44.09 -1.13 0.00	41.48 -0.98 0.00	40.28 -1.08 0.00	39.25 -1.30 0.00	40.24 -1.50 0.00	47.29 -1.56 0.00	53.95 -2.25 0.00	62.01 -2.38 0.00	71.54 -2.75 0.00	63.95 -2.39 0.00	56.08 -2.40 0.00	48.74 -1.82 0.00	46.83 -1.20 0.00
ROCKVIEW_13_KV_LD 356306	55.90 2.46 0.00	52.45 2.11 0.00	50.62 1.99 0.00	48.30 1.72 0.00	52.12 1.81 0.00	54.47 2.15 0.00	68.13 2.87 0.00	93.77 4.89 0.00	75.85 3.54 0.00	60.71 3.33 0.00	52.66 2.93 0.00	47.98 2.76 0.00	45.05 2.59 0.00	43.92 2.56 0.00	43.02 2.47 0.00	44.37 2.63 0.00	52.02 3.18 0.00	60.13 3.93 0.00	68.06 3.67 0.00	78.53 4.23 0.00	70.25 3.91 0.00	61.93 3.45 0.00	53.49 2.93 0.00	50.48 2.45 0.00
ROME____115KV_TB2 80656	54.51 1.07 0.00	51.24 0.91 0.00	49.55 0.92 0.00	47.55 0.98 0.00	51.36 1.06 0.00	53.52 1.20 0.00	67.22 1.96 0.00	92.08 3.20 0.00	74.83 2.53 0.00	59.04 1.66 0.00	50.97 1.24 0.00	46.21 0.99 0.00	43.31 0.85 0.00	42.18 0.83 0.00	41.36 0.81 0.00	42.66 0.92 0.00	50.36 1.51 0.00	58.11 1.91 0.00	66.71 2.32 0.00	77.04 2.75 0.00	68.60 2.26 0.00	60.35 1.87 0.00	52.18 1.62 0.00	49.52 1.49 0.00
ROSETON___1 23587	55.15 1.71 0.00	51.80 1.46 0.00	49.99 1.36 0.00	47.78 1.21 0.00	51.61 1.31 0.00	53.94 1.62 0.00	67.35 2.09 0.00	92.44 3.56 0.00	74.83 2.53 0.00	59.68 2.30 0.00	51.61 1.89 0.00	47.03 1.81 0.00	44.20 1.74 0.00	43.09 1.74 0.00	42.29 1.74 0.00	43.57 1.83 0.00	51.05 2.20 0.00	59.00 2.81 0.00	66.97 2.58 0.00	77.27 2.97 0.00	69.06 2.72 0.00	60.88 2.40 0.00	52.64 2.07 0.00	49.66 1.63 0.00
ROSETON___2 23588	55.15 1.71 0.00	51.80 1.46 0.00	49.99 1.36 0.00	47.78 1.21 0.00	51.61 1.31 0.00	53.94 1.62 0.00	67.35 2.09 0.00	92.44 3.56 0.00	74.83 2.53 0.00	59.68 2.30 0.00	51.61 1.89 0.00	47.03 1.81 0.00	44.20 1.74 0.00	43.09 1.74 0.00	42.29 1.74 0.00	43.57 1.83 0.00	51.05 2.20 0.00	59.00 2.81 0.00	66.97 2.58 0.00	77.27 2.97 0.00	69.06 2.72 0.00	60.88 2.40 0.00	52.64 2.07 0.00	49.66 1.63 0.00
ROTTRDAM_115KV_TB3 80664	54.40 0.96 0.00	51.29 0.96 0.00	49.60 0.97 0.00	47.55 0.98 0.00	51.31 1.01 0.00	53.52 1.20 0.00	66.83 1.57 0.00	91.01 2.13 0.00	73.68 1.37 0.00	58.41 1.03 0.00	50.37 0.65 0.00	45.81 0.59 0.00	43.01 0.55 0.00	41.89 0.54 0.00	41.12 0.57 0.00	42.41 0.67 0.00	49.83 0.98 0.00	57.54 1.35 0.00	65.74 1.35 0.00	75.93 1.63 0.00	67.73 1.39 0.00	59.77 1.29 0.00	51.62 1.06 0.00	49.04 1.01 0.00
RUSSELL___1 23602	52.37 -1.07 0.00	48.98 -1.36 0.00	47.41 -1.22 0.00	45.41 -1.16 0.00	49.10 -1.21 0.00	50.91 -1.41 0.00	63.11 -2.15 0.00	86.13 -2.76 0.00	70.50 -1.81 0.00	55.60 -1.78 0.01	48.73 -0.99 0.00	44.32 -0.90 0.00	41.69 -0.76 0.00	40.49 -0.87 0.00	39.46 -1.09 0.00	40.45 -1.29 0.00	47.58 -1.27 0.00	54.29 -1.91 0.00	62.39 -2.00 0.00	71.91 -2.38 0.00	64.28 -2.06 0.00	56.38 -2.11 0.00	48.99 -1.57 0.00	47.07 -0.96 0.00
RUSSELL___2 23532	52.37 -1.07 0.00	48.98 -1.36 0.00	47.41 -1.22 0.00	45.41 -1.16 0.00	49.10 -1.21 0.00	50.91 -1.41 0.00	63.11 -2.15 0.00	86.13 -2.76 0.00	70.50 -1.81 0.00	55.60 -1.78 0.01	48.73 -0.99 0.00	44.32 -0.90 0.00	41.69 -0.76 0.00	40.49 -0.87 0.00	39.46 -1.09 0.00	40.45 -1.29 0.00	47.58 -1.27 0.00	54.29 -1.91 0.00	62.39 -2.00 0.00	71.91 -2.38 0.00	64.28 -2.06 0.00	56.38 -2.11 0.00	48.99 -1.57 0.00	47.07 -0.96 0.00
RUSSELL___3 23549	52.37 -1.07 0.00	48.98 -1.36 0.00	47.41 -1.22 0.00	45.41 -1.16 0.00	49.10 -1.21 0.00	50.91 -1.41 0.00	63.11 -2.15 0.00	86.13 -2.76 0.00	70.50 -1.81 0.00	55.60 -1.78 0.01	48.73 -0.99 0.00	44.32 -0.90 0.00	41.69 -0.76 0.00	40.49 -0.87 0.00	39.46 -1.09 0.00	40.45 -1.29 0.00	47.58 -1.27 0.00	54.29 -1.91 0.00	62.39 -2.00 0.00	71.91 -2.38 0.00	64.28 -2.06 0.00	56.38 -2.11 0.00	48.99 -1.57 0.00	47.07 -0.96 0.00
RUSSELL___4 23556	52.37 -1.07 0.00	48.98 -1.36 0.00	47.41 -1.22 0.00	45.41 -1.16 0.00	49.10 -1.21 0.00	50.91 -1.41 0.00	63.11 -2.15 0.00	86.13 -2.76 0.00	70.50 -1.81 0.00	55.60 -1.78 0.01	48.73 -0.99 0.00	44.32 -0.90 0.00	41.69 -0.76 0.00	40.49 -0.87 0.00	39.46 -1.09 0.00	40.45 -1.29 0.00	47.58 -1.27 0.00	54.29 -1.91 0.00	62.39 -2.00 0.00	71.91 -2.38 0.00	64.28 -2.06 0.00	56.38 -2.11 0.00	48.99 -1.57 0.00	47.07 -0.96 0.00
RUSSELL___STATION 23914	52.37 -1.07 0.00	48.98 -1.36 0.00	47.41 -1.22 0.00	45.41 -1.16 0.00	49.10 -1.21 0.00	50.91 -1.41 0.00	63.11 -2.15 0.00	86.13 -2.76 0.00	70.50 -1.81 0.00	55.60 -1.78 0.01	48.73 -0.99 0.00	44.32 -0.90 0.00	41.69 -0.76 0.00	40.49 -0.87 0.00	39.46 -1.09 0.00	40.45 -1.29 0.00	47.58 -1.27 0.00	54.29 -1.91 0.00	62.39 -2.00 0.00	71.91 -2.38 0.00	64.28 -2.06 0.00	56.38 -2.11 0.00	48.99 -1.57 0.00	47.07 -0.96 0.00
S SALMON___HYD 24043	52.37 -1.07 0.00	49.28 -1.06 0.00	47.56 -1.07 0.00	45.69 -0.89 0.00	49.40 -0.90 0.00	51.43 -0.89 0.00	64.61 -0.65 0.00	87.91 -0.98 0.00	71.65 -0.65 0.00	56.40 -0.98 0.00	48.63 -1.09 0.00	44.09 -1.13 0.00	41.27 -1.19 0.00	40.15 -1.20 0.00	39.37 -1.18 0.00	40.78 -0.96 0.00	47.92 -0.93 0.00	55.46 -0.73 0.00	63.87 -0.52 0.00	74.00 -0.30 0.00	65.88 -0.46 0.00	57.95 -0.53 0.00	50.06 -0.51 0.00	47.45 -0.57 0.00
S.PERRY__115KV_TB1 80734	53.33 -0.11 0.00	49.78 -0.55 0.00	48.24 -0.39 0.00	46.20 -0.37 0.00	50.10 -0.20 0.00	52.01 -0.31 0.00	64.48 -0.78 0.00	87.99 -0.89 0.00	71.15 -1.16 0.00	55.64 -1.72 0.01	48.68 -1.04 0.00	44.09 -1.13 0.00	41.48 -0.98 0.00	40.24 -1.12 0.00	39.21 -1.34 0.00	40.15 -1.59 0.00	47.38 -1.47 0.00	54.40 -1.80 0.00	63.10 -1.29 0.00	73.25 -1.04 0.00	65.54 -0.80 0.00	57.43 -1.05 0.00	49.96 -0.61 0.00	48.12 0.10 0.00

SAWYER_23_KV_LOAD_REV_LBMP_A 345024	49.70 -3.74 0.00	46.41 -3.93 0.00	45.03 -3.60 0.00	43.18 -3.40 0.00	46.48 -3.82 0.00	47.82 -4.50 0.00	58.67 -6.59 0.00	79.55 -9.33 0.00	64.86 -7.45 0.00	50.71 -6.66 0.01	45.10 -4.62 0.00	41.01 -4.21 0.00	38.76 -3.69 0.00	37.51 -3.85 0.00	36.54 -4.01 0.00	37.19 -4.55 0.00	43.72 -5.13 0.00	49.50 -6.69 0.01	56.98 -7.40 0.00	65.90 -8.39 0.00	58.98 -7.36 0.00	51.70 -6.78 0.00	45.51 -5.06 0.00	44.47 -3.55 0.00
SAWYER__23_KV_LOAD 55526	49.70 -3.74 0.00	46.41 -3.93 0.00	45.03 -3.60 0.00	43.18 -3.40 0.00	46.48 -3.82 0.00	47.82 -4.50 0.00	58.67 -6.59 0.00	79.55 -9.33 0.00	64.86 -7.45 0.00	50.71 -6.66 0.01	45.10 -4.62 0.00	41.01 -4.21 0.00	38.76 -3.69 0.00	37.51 -3.85 0.00	36.54 -4.01 0.00	37.19 -4.55 0.00	43.72 -5.13 0.00	49.50 -6.69 0.01	56.98 -7.40 0.00	65.90 -8.39 0.00	58.98 -7.36 0.00	51.70 -6.78 0.00	45.51 -5.06 0.00	44.47 -3.55 0.00
SELKIRK__I 23801	54.56 1.12 0.00	51.54 1.21 0.00	49.79 1.17 0.00	47.78 1.21 0.00	51.51 1.21 0.00	53.68 1.36 0.00	66.95 1.69 0.00	91.10 2.22 0.00	73.67 1.37 0.00	58.47 1.09 0.00	50.37 0.64 0.00	45.76 0.54 0.00	43.01 0.55 0.00	41.89 0.54 0.00	41.16 0.61 0.00	42.45 0.71 0.00	49.88 1.03 0.00	57.60 1.41 0.00	65.80 1.41 0.00	75.92 1.63 0.00	67.80 1.46 0.00	59.83 1.35 0.00	51.77 1.21 0.00	49.04 1.01 0.00
SELKIRK__II 23799	53.97 0.53 0.00	51.04 0.70 0.00	49.31 0.68 0.00	47.32 0.74 0.00	51.01 0.70 0.00	53.11 0.79 0.00	66.30 1.04 0.00	90.22 1.34 0.00	73.17 0.87 0.00	58.18 0.80 0.00	50.17 0.45 0.00	45.63 0.41 0.00	42.92 0.47 0.00	41.81 0.46 0.00	41.04 0.49 0.00	42.32 0.58 0.00	49.63 0.78 0.00	57.26 1.07 0.00	65.29 0.90 0.00	75.33 1.04 0.00	67.20 0.86 0.00	59.36 0.88 0.00	51.32 0.76 0.00	48.56 0.53 0.00
SENECA OSWGO__HYD 24041	52.42 -1.02 0.00	49.28 -1.06 0.00	47.60 -1.02 0.00	45.60 -0.98 0.00	49.40 -0.90 0.00	51.32 -1.00 0.00	64.02 -1.24 0.00	87.37 -1.51 0.00	71.07 -1.23 0.00	56.40 -0.98 0.00	48.98 -0.74 0.00	44.49 -0.73 0.00	41.78 -0.68 0.00	40.65 -0.70 0.00	39.78 -0.77 0.00	40.94 -0.79 0.00	47.97 -0.88 0.00	55.07 -1.12 0.00	63.16 -1.23 0.00	72.96 -1.34 0.00	65.08 -1.26 0.00	57.31 -1.17 0.00	49.60 -0.96 0.00	47.16 -0.86 0.00
SENECA__115KV_TB3 355854	50.45 -2.99 0.00	47.11 -3.22 0.00	45.86 -2.77 0.00	43.83 -2.75 0.00	47.19 -3.12 0.00	48.71 -3.61 0.00	59.91 -5.35 0.00	81.42 -7.47 0.00	66.38 -5.93 0.00	51.80 -5.56 0.01	46.24 -3.48 0.00	41.87 -3.35 0.00	39.40 -3.06 0.00	38.13 -3.23 0.00	37.19 -3.37 0.00	37.86 -3.88 0.00	44.45 -4.40 0.00	50.23 -5.96 0.01	58.08 -6.31 0.00	67.09 -7.21 0.00	60.17 -6.17 0.00	52.69 -5.79 0.00	46.31 -4.25 0.00	45.15 -2.88 0.00
SENECA__ENERGY 23797	52.85 -0.59 0.00	49.58 -0.75 0.00	47.99 -0.63 0.00	45.97 -0.61 0.00	49.80 -0.50 0.00	51.75 -0.57 0.00	64.28 -0.98 0.00	87.82 -1.06 0.00	71.44 -0.86 0.00	56.57 -0.80 0.00	49.38 -0.35 0.00	44.81 -0.41 0.00	42.07 -0.38 0.00	40.90 -0.45 0.00	39.94 -0.61 0.00	41.03 -0.71 0.00	48.16 -0.68 0.00	55.13 -1.07 0.00	63.29 -1.09 0.00	73.03 -1.26 0.00	65.21 -1.13 0.00	57.54 -0.94 0.00	49.85 -0.71 0.00	47.64 -0.39 0.00
SHOEMAKER__GT 23640	55.10 1.66 0.00	51.69 1.36 0.00	49.89 1.26 0.00	47.65 1.07 0.00	51.46 1.16 0.00	53.78 1.46 0.00	67.22 1.96 0.00	92.17 3.29 0.00	74.69 2.38 0.00	59.39 2.01 0.00	51.42 1.69 0.00	46.80 1.58 0.00	44.03 1.57 0.00	42.92 1.57 0.00	42.13 1.58 0.00	43.37 1.63 0.00	50.85 2.00 0.00	58.78 2.59 0.00	66.84 2.45 0.00	77.11 2.82 0.00	69.00 2.66 0.00	60.82 2.34 0.00	52.53 1.97 0.00	49.66 1.63 0.00
SHOEMAKR_138KV_BK 111 55601	55.04 1.60 0.00	51.69 1.36 0.00	49.89 1.26 0.00	47.69 1.12 0.00	51.46 1.16 0.00	53.73 1.41 0.00	67.15 1.89 0.00	92.17 3.29 0.00	74.62 2.31 0.00	59.50 2.12 0.00	51.52 1.79 0.00	46.89 1.67 0.00	44.07 1.61 0.00	42.97 1.61 0.00	42.13 1.58 0.00	43.41 1.67 0.00	50.85 2.00 0.00	58.84 2.64 0.00	66.84 2.45 0.00	77.11 2.82 0.00	68.99 2.65 0.00	60.82 2.34 0.00	52.53 1.97 0.00	49.66 1.63 0.00
SHOREHAM_IC_1 23715	57.30 3.85 -0.01	53.67 3.32 -0.01	51.59 2.97 0.00	49.09 2.51 0.00	53.07 2.76 0.00	55.83 3.51 0.00	69.70 4.44 0.00	93.77 4.89 0.00	77.65 5.35 0.00	61.46 4.07 -0.01	54.41 4.67 -0.01	49.53 4.30 -0.01	46.45 3.99 -0.01	45.29 3.93 -0.01	44.37 3.81 -0.01	45.80 4.05 -0.01	57.24 5.08 -3.31	65.41 6.40 -2.81	70.70 6.24 -0.07	80.84 6.54 -0.01	73.41 6.43 -0.64	64.69 6.20 -0.01	59.39 5.31 -3.52	52.60 4.57 -0.01
SHOREHAM_IC_2 23716	57.30 3.85 -0.01	53.67 3.32 -0.01	51.59 2.97 0.00	49.09 2.51 0.00	53.07 2.76 0.00	55.83 3.51 0.00	69.70 4.44 0.00	93.77 4.89 0.00	77.65 5.35 0.00	61.46 4.07 -0.01	54.41 4.67 -0.01	49.53 4.30 -0.01	46.45 3.99 -0.01	45.29 3.93 -0.01	44.37 3.81 -0.01	45.80 4.05 -0.01	57.24 5.08 -3.31	65.41 6.40 -2.81	70.70 6.24 -0.07	80.84 6.54 -0.01	73.41 6.43 -0.64	64.69 6.20 -0.01	59.39 5.31 -3.52	52.60 4.57 -0.01
SISSONVILLE__ 23735	52.53 -0.91 0.00	49.53 -0.81 0.00	47.70 -0.92 0.00	45.64 -0.93 0.00	48.85 -1.46 0.00	50.54 -1.78 0.00	63.24 -2.02 0.00	85.06 -3.82 0.00	69.48 -2.82 0.00	54.57 -2.81 0.00	47.29 -2.44 0.00	42.96 -2.26 0.00	40.16 -2.29 0.00	39.29 -2.07 0.00	38.52 -2.03 0.00	39.82 -1.92 0.00	46.99 -1.86 0.00	54.00 -2.19 0.00	62.39 -2.00 0.00	72.14 -2.15 0.00	64.35 -1.99 0.00	57.25 -1.23 0.00	49.60 -0.96 0.00	47.02 -1.01 0.00
SITHE_IND_GS1 24169	52.00 -1.44 0.00	48.93 -1.41 0.00	47.27 -1.36 0.00	45.27 -1.30 0.00	48.95 -1.36 0.00	50.86 -1.46 0.00	63.43 -1.83 0.00	86.49 -2.40 0.00	70.36 -1.95 0.00	55.83 -1.55 0.00	48.48 -1.24 0.00	44.09 -1.13 0.00	41.40 -1.06 0.00	40.28 -1.08 0.00	39.46 -1.09 0.00	40.61 -1.13 0.00	47.53 -1.32 0.00	54.62 -1.57 0.00	62.59 -1.80 0.00	72.21 -2.08 0.00	64.48 -1.86 0.00	56.78 -1.70 0.00	49.15 -1.42 0.00	46.78 -1.25 0.00
SITHE_IND_GS2 24170	52.00 -1.44 0.00	48.93 -1.41 0.00	47.27 -1.36 0.00	45.27 -1.30 0.00	48.95 -1.36 0.00	50.86 -1.46 0.00	63.43 -1.83 0.00	86.49 -2.40 0.00	70.36 -1.95 0.00	55.83 -1.55 0.00	48.48 -1.24 0.00	44.09 -1.13 0.00	41.40 -1.06 0.00	40.28 -1.08 0.00	39.46 -1.09 0.00	40.61 -1.13 0.00	47.53 -1.32 0.00	54.62 -1.57 0.00	62.59 -1.80 0.00	72.21 -2.08 0.00	64.48 -1.86 0.00	56.78 -1.70 0.00	49.15 -1.42 0.00	46.78 -1.25 0.00
SITHE_IND_GS3 24171	52.00 -1.44 0.00	48.93 -1.41 0.00	47.27 -1.36 0.00	45.27 -1.30 0.00	48.95 -1.36 0.00	50.86 -1.46 0.00	63.43 -1.83 0.00	86.49 -2.40 0.00	70.36 -1.95 0.00	55.83 -1.55 0.00	48.48 -1.24 0.00	44.09 -1.13 0.00	41.40 -1.06 0.00	40.28 -1.08 0.00	39.46 -1.09 0.00	40.61 -1.13 0.00	47.53 -1.32 0.00	54.62 -1.57 0.00	62.59 -1.80 0.00	72.21 -2.08 0.00	64.48 -1.86 0.00	56.78 -1.70 0.00	49.15 -1.42 0.00	46.78 -1.25 0.00

SITHE_IND_GS4 24172	52.00 -1.44 0.00	48.93 -1.41 0.00	47.27 -1.36 0.00	45.27 -1.30 0.00	48.95 -1.36 0.00	50.86 -1.46 0.00	63.43 -1.83 0.00	86.49 -2.40 0.00	70.36 -1.95 0.00	55.83 -1.55 0.00	48.48 -1.24 0.00	44.09 -1.13 0.00	41.40 -1.06 0.00	40.28 -1.08 0.00	39.46 -1.09 0.00	40.61 -1.13 0.00	47.53 -1.32 0.00	54.62 -1.57 0.00	62.59 -1.80 0.00	72.21 -2.08 0.00	64.48 -1.86 0.00	56.78 -1.70 0.00	49.15 -1.42 0.00	46.78 -1.25 0.00
SITHE__BATAVIA 24024	51.30 -2.14 0.00	47.87 -2.47 0.00	46.59 -2.04 0.00	44.57 -2.00 0.00	48.04 -2.26 0.00	49.65 -2.67 0.00	61.15 -4.11 0.00	83.37 -5.51 0.00	68.19 -4.12 0.00	53.19 -4.19 0.01	47.24 -2.48 0.00	42.73 -2.49 0.00	40.12 -2.34 0.00	38.87 -2.48 0.00	37.87 -2.68 0.00	38.65 -3.09 0.00	45.53 -3.32 0.00	51.58 -4.61 0.01	59.75 -4.64 0.00	68.94 -5.35 0.00	61.90 -4.44 0.00	54.16 -4.33 0.00	47.32 -3.24 0.00	45.87 -2.16 0.00
SITHE__INDEPEND 23800	51.99 -1.44 0.00	48.88 -1.46 0.00	47.27 -1.36 0.00	45.27 -1.30 0.00	48.95 -1.36 0.00	50.86 -1.46 0.00	63.43 -1.83 0.00	86.48 -2.40 0.00	70.35 -1.95 0.00	55.77 -1.61 0.00	48.43 -1.29 0.00	44.04 -1.18 0.00	41.39 -1.06 0.00	40.28 -1.08 0.00	39.46 -1.09 0.00	40.57 -1.17 0.00	47.53 -1.32 0.00	54.62 -1.57 0.00	62.59 -1.80 0.00	72.21 -2.08 0.00	64.48 -1.86 0.00	56.79 -1.70 0.00	49.15 -1.42 0.00	46.78 -1.25 0.00
SITHE__MASSENA 23902	53.92 0.48 0.00	50.84 0.50 0.00	49.02 0.39 0.00	46.81 0.23 0.00	50.66 0.35 0.00	52.37 0.05 0.00	65.32 0.07 0.00	88.53 -0.35 0.00	72.52 0.22 0.00	57.21 -0.17 0.00	49.77 0.05 0.00	45.22 0.00 0.00	42.37 -0.08 0.00	41.40 0.04 0.00	40.51 -0.04 0.00	41.74 0.00 0.00	48.70 -0.15 0.00	55.86 -0.34 0.00	64.33 -0.06 0.00	74.29 0.00 0.00	66.34 0.00 0.00	58.54 0.06 0.00	50.71 0.15 0.00	48.22 0.19 0.00
SITHE__OGDNSBRG 24021	54.08 0.64 0.00	51.04 0.70 0.00	49.16 0.53 0.00	46.99 0.42 0.00	50.61 0.30 0.00	52.32 0.00 0.00	65.46 0.20 0.00	88.26 -0.62 0.00	72.09 -0.22 0.00	56.52 -0.86 0.00	49.03 -0.70 0.00	44.54 -0.68 0.00	41.56 -0.89 0.00	40.65 -0.70 0.00	39.90 -0.65 0.00	41.20 -0.54 0.00	48.36 -0.49 0.00	55.52 -0.67 0.00	64.33 -0.06 0.00	74.51 0.22 0.00	66.47 0.13 0.00	58.83 0.35 0.00	51.02 0.46 0.00	48.36 0.34 0.00
SITHE__STERLING 23777	54.29 0.85 0.00	51.09 0.76 0.00	49.36 0.73 0.00	47.37 0.79 0.00	51.16 0.85 0.00	53.26 0.94 0.00	66.76 1.50 0.00	91.28 2.40 0.00	74.18 1.88 0.00	58.64 1.26 0.00	50.67 0.94 0.00	45.99 0.77 0.00	43.13 0.68 0.00	41.98 0.62 0.00	41.12 0.57 0.00	42.40 0.67 0.00	49.92 1.07 0.00	57.54 1.35 0.00	66.00 1.61 0.00	76.22 1.93 0.00	67.93 1.59 0.00	59.83 1.35 0.00	51.73 1.16 0.00	49.08 1.06 0.00
SLEIGHT__34_KV_TB1 80719	52.42 -1.02 0.00	49.13 -1.21 0.00	47.51 -1.12 0.00	45.55 -1.02 0.00	49.35 -0.96 0.00	51.17 -1.15 0.00	63.63 -1.63 0.00	87.01 -1.87 0.00	70.93 -1.37 0.00	56.11 -1.26 0.00	48.98 -0.75 0.00	44.54 -0.68 0.00	41.86 -0.59 0.00	40.65 -0.70 0.00	39.66 -0.89 0.00	40.70 -1.04 0.00	47.82 -1.03 0.00	54.68 -1.52 0.00	62.78 -1.61 0.00	72.43 -1.86 0.00	64.62 -1.72 0.00	56.79 -1.70 0.00	49.30 -1.26 0.00	47.16 -0.86 0.00
SMITHTWN_69_KV_BK 1 55830	57.61 4.17 -0.01	53.97 3.62 -0.01	52.03 3.40 0.00	49.51 2.93 0.00	53.57 3.27 0.00	56.04 3.71 0.00	69.89 4.63 0.00	94.93 6.04 0.00	77.15 4.84 0.00	62.04 4.65 -0.01	54.31 4.57 -0.01	49.43 4.21 -0.01	46.37 3.91 -0.01	45.21 3.85 -0.01	44.29 3.73 -0.01	45.71 3.97 -0.01	57.05 4.88 -3.32	65.02 6.01 -2.82	70.45 5.99 -0.07	80.99 6.69 -0.01	73.35 6.37 -0.64	64.22 5.73 -0.01	59.00 4.90 -3.53	52.31 4.27 -0.01
SOUTH CAIRO__GT 23612	55.79 2.35 0.00	52.75 2.42 0.00	51.01 2.38 0.00	48.86 2.28 0.00	52.77 2.46 0.00	55.04 2.72 0.00	68.72 3.46 0.00	93.95 5.07 0.00	75.63 3.33 0.00	59.50 2.12 0.00	50.92 1.19 0.00	46.12 0.90 0.00	43.31 0.85 0.00	42.10 0.74 0.00	41.36 0.81 0.00	42.82 1.09 0.00	50.36 1.51 0.00	58.72 2.53 0.00	67.35 2.96 0.00	78.01 3.71 0.00	69.66 3.32 0.00	61.35 2.87 0.00	52.99 2.43 0.00	50.19 2.16 0.00
SOUTH HAMPTN__IC 23720	58.36 4.91 -0.01	54.62 4.28 -0.01	52.57 3.94 0.00	49.97 3.40 0.00	54.08 3.77 0.00	56.87 4.55 0.00	71.07 5.81 0.00	95.82 6.94 0.00	79.25 6.94 0.00	62.66 5.28 -0.01	55.35 5.62 -0.01	50.34 5.11 -0.01	47.18 4.71 -0.01	45.95 4.59 -0.01	45.02 4.46 -0.01	46.46 4.72 -0.01	58.11 5.96 -3.31	66.48 7.47 -2.81	72.05 7.59 -0.07	82.47 8.17 -0.01	74.87 7.89 -0.64	65.86 7.37 -0.01	60.35 6.27 -3.52	53.51 5.47 -0.01
SOUTHDOW_115KV_TB1 355954	51.25 -2.19 0.00	47.82 -2.52 0.00	46.34 -2.29 0.00	44.43 -2.14 0.00	47.99 -2.31 0.00	49.81 -2.51 0.00	61.87 -3.39 0.00	84.17 -4.71 0.00	68.40 -3.90 0.00	53.52 -3.84 0.01	47.44 -2.29 0.00	43.05 -2.17 0.00	40.63 -1.83 0.00	39.29 -2.07 0.00	38.32 -2.23 0.00	38.98 -2.75 0.00	45.82 -3.03 0.00	52.09 -4.10 0.01	60.27 -4.12 0.00	69.76 -4.53 0.00	62.36 -3.98 0.00	54.68 -3.80 0.00	47.88 -2.68 0.00	46.63 -1.39 0.00
SOUTHOLD_69_KV_BK 2 55809	59.00 5.56 -0.01	55.23 4.88 -0.01	53.25 4.62 0.00	50.67 4.10 0.00	54.78 4.48 0.00	57.40 5.08 0.00	71.92 6.66 0.00	96.97 8.09 0.00	78.88 6.58 0.00	63.47 6.08 -0.01	55.90 6.17 -0.01	50.84 5.61 -0.01	47.60 5.14 -0.01	46.37 5.00 -0.01	45.39 4.83 -0.01	46.88 5.13 -0.01	58.65 6.50 -3.31	67.15 8.15 -2.81	72.83 8.37 -0.07	83.44 9.14 -0.01	75.80 8.82 -0.64	66.56 8.07 -0.01	60.91 6.83 -3.52	54.04 6.00 -0.01
SOUTHOLD__IC 23719	58.95 5.51 -0.01	55.18 4.83 -0.01	53.10 4.47 0.00	50.49 3.91 0.00	54.63 4.33 0.00	57.45 5.13 0.00	71.85 6.59 0.00	96.97 8.09 0.00	80.12 7.81 0.00	63.30 5.91 -0.01	55.85 6.11 -0.01	50.79 5.56 -0.01	47.60 5.14 -0.01	46.32 4.96 -0.01	45.38 4.82 -0.01	46.84 5.09 -0.01	58.60 6.45 -3.31	67.10 8.09 -2.81	72.83 8.37 -0.07	83.36 9.06 -0.01	75.67 8.69 -0.64	66.50 8.01 -0.01	60.90 6.82 -3.52	53.99 5.95 -0.01
SOUTH_FORK_WT_PWR 323839	59.11 5.66 -0.01	55.33 4.98 -0.01	53.25 4.62 0.00	50.63 4.05 0.00	54.78 4.48 0.00	57.60 5.28 0.00	72.05 6.79 0.00	97.23 8.35 0.00	80.33 8.02 0.00	63.47 6.08 -0.01	56.00 6.27 -0.01	50.93 5.70 -0.01	47.73 5.26 -0.01	46.45 5.09 -0.01	45.51 4.95 -0.01	46.96 5.22 -0.01	58.75 6.59 -3.31	67.26 8.26 -2.81	73.02 8.56 -0.07	83.59 9.29 -0.01	75.87 8.89 -0.64	66.68 8.19 -0.01	61.06 6.98 -3.52	54.19 6.15 -0.01
SPIERFLS_115KV_TB 1 80737	54.29 0.85 0.00	51.24 0.91 0.00	49.55 0.92 0.00	47.55 0.98 0.00	51.31 1.01 0.00	53.68 1.36 0.00	67.02 1.76 0.00	91.46 2.58 0.00	73.75 1.45 0.00	58.24 0.86 0.00	50.07 0.35 0.00	45.40 0.18 0.00	42.63 0.17 0.00	41.44 0.08 0.00	40.67 0.12 0.00	42.11 0.38 0.00	49.63 0.78 0.00	57.49 1.29 0.00	65.81 1.42 0.00	76.07 1.78 0.00	67.73 1.39 0.00	59.71 1.23 0.00	51.57 1.01 0.00	49.95 1.92 0.00

ST LAWRENCE____ 23600	53.33 -0.11 0.00	50.34 0.00 0.00	48.53 -0.10 0.00	46.39 -0.19 0.00	50.15 -0.15 0.00	51.85 -0.47 0.00	64.67 -0.59 0.00	87.82 -1.06 0.00	71.80 -0.50 0.00	56.81 -0.57 0.00	49.43 -0.30 0.00	44.91 -0.31 0.00	42.07 -0.38 0.00	41.07 -0.29 0.00	40.23 -0.33 0.00	41.40 -0.34 0.00	48.31 -0.54 0.00	55.41 -0.79 0.00	63.75 -0.64 0.00	73.55 -0.74 0.00	65.68 -0.66 0.00	57.95 -0.53 0.00	50.26 -0.30 0.00	47.79 -0.24 0.00
STATE_CA_115KV_115_LB 55624	54.02 0.59 0.00	51.14 0.81 0.00	49.50 0.88 0.00	47.46 0.88 0.00	51.11 0.80 0.00	53.31 0.99 0.00	66.56 1.31 0.00	90.66 1.78 0.00	73.53 1.23 0.00	58.35 0.98 0.00	50.32 0.60 0.00	45.76 0.54 0.00	43.01 0.55 0.00	41.85 0.50 0.00	41.12 0.57 0.00	42.45 0.71 0.00	49.78 0.93 0.00	57.49 1.29 0.00	65.48 1.09 0.00	75.55 1.26 0.00	67.34 1.00 0.00	59.42 0.94 0.00	51.37 0.81 0.00	48.70 0.67 0.00
STATE_ST_34_KV_LOAD 55959	53.33 -0.11 0.00	50.08 -0.25 0.00	48.38 -0.24 0.00	46.34 -0.23 0.00	50.25 -0.05 0.00	52.22 -0.10 0.00	65.06 -0.20 0.00	88.88 0.00 0.00	72.23 -0.07 0.00	57.27 -0.11 0.00	49.77 0.05 0.00	45.22 0.00 0.00	42.46 0.00 0.00	41.31 -0.04 0.00	40.39 -0.16 0.00	41.53 -0.21 0.00	48.75 -0.10 0.00	55.97 -0.22 0.00	64.20 -0.19 0.00	74.14 -0.15 0.00	66.14 -0.20 0.00	58.25 -0.23 0.00	50.46 -0.10 0.00	48.08 0.05 0.00
STATION_5_MISC_HYD 23604	52.26 -1.18 0.00	48.93 -1.41 0.00	47.41 -1.21 0.00	45.36 -1.21 0.00	49.05 -1.26 0.00	50.80 -1.52 0.00	62.97 -2.29 0.00	86.03 -2.85 0.00	70.36 -1.95 0.00	55.42 -1.95 0.01	48.78 -0.95 0.00	44.22 -1.00 0.00	41.56 -0.89 0.00	40.32 -1.03 0.00	39.34 -1.22 0.00	40.32 -1.42 0.00	47.43 -1.42 0.00	54.01 -2.19 0.00	62.13 -2.26 0.00	71.62 -2.67 0.00	64.09 -2.26 0.00	56.20 -2.28 0.00	48.84 -1.72 0.00	46.87 -1.15 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	52.58 -0.85 0.00	49.23 -1.11 0.00	47.66 -0.97 0.00	45.69 -0.88 0.00	49.45 -0.86 0.00	51.33 -0.99 0.00	63.69 -1.57 0.00	87.01 -1.87 0.00	71.00 -1.30 0.00	56.11 -1.26 0.00	49.08 -0.65 0.00	44.59 -0.63 0.00	41.90 -0.55 0.00	40.69 -0.66 0.00	39.70 -0.85 0.00	40.74 -1.00 0.00	47.87 -0.98 0.00	54.74 -1.46 0.00	62.84 -1.55 0.00	72.43 -1.86 0.00	64.68 -1.66 0.00	56.90 -1.58 0.00	49.40 -1.16 0.00	47.31 -0.72 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	51.89 -1.55 0.00	48.57 -1.76 0.00	47.02 -1.60 0.00	45.08 -1.49 0.00	48.75 -1.56 0.00	50.49 -1.83 0.00	62.58 -2.68 0.00	85.50 -3.38 0.00	69.92 -2.39 0.00	55.14 -2.24 0.00	48.33 -1.39 0.00	43.95 -1.27 0.00	41.35 -1.10 0.00	40.15 -1.20 0.00	39.13 -1.42 0.00	40.11 -1.63 0.00	47.19 -1.66 0.00	53.84 -2.36 0.00	61.81 -2.58 0.00	71.32 -2.97 0.00	63.69 -2.65 0.00	55.91 -2.57 0.00	48.59 -1.97 0.00	46.63 -1.39 0.00
STA_56____34_KV_BUS2 355983	51.89 -1.55 0.00	48.57 -1.76 0.00	47.02 -1.60 0.00	45.08 -1.49 0.00	48.75 -1.56 0.00	50.49 -1.83 0.00	62.58 -2.68 0.00	85.50 -3.38 0.00	69.92 -2.39 0.00	55.14 -2.24 0.00	48.33 -1.39 0.00	43.95 -1.27 0.00	41.35 -1.10 0.00	40.15 -1.20 0.00	39.13 -1.42 0.00	40.11 -1.63 0.00	47.19 -1.66 0.00	53.84 -2.36 0.00	61.81 -2.58 0.00	71.32 -2.97 0.00	63.69 -2.65 0.00	55.91 -2.57 0.00	48.59 -1.97 0.00	46.63 -1.39 0.00
STA_67____115KV_BK2 355882	52.05 -1.39 0.00	48.72 -1.61 0.00	47.12 -1.51 0.00	45.18 -1.40 0.00	48.85 -1.46 0.00	50.59 -1.73 0.00	62.71 -2.55 0.00	85.59 -3.29 0.00	69.92 -2.39 0.00	55.19 -2.18 0.01	48.38 -1.34 0.00	44.00 -1.22 0.00	41.39 -1.06 0.00	40.15 -1.20 0.00	39.17 -1.38 0.00	40.11 -1.63 0.00	47.19 -1.66 0.00	53.84 -2.36 0.00	61.88 -2.51 0.00	71.32 -2.97 0.00	63.75 -2.59 0.00	55.97 -2.51 0.00	48.64 -1.92 0.00	46.78 -1.25 0.00
STA_7____115KV_9TRANS 80674	52.37 -1.07 0.00	48.98 -1.36 0.00	47.41 -1.22 0.00	45.41 -1.16 0.00	49.10 -1.21 0.00	50.91 -1.41 0.00	63.11 -2.15 0.00	86.13 -2.76 0.00	70.50 -1.81 0.00	55.60 -1.78 0.01	48.73 -0.99 0.00	44.32 -0.90 0.00	41.69 -0.76 0.00	40.49 -0.87 0.00	39.46 -1.09 0.00	40.45 -1.29 0.00	47.58 -1.27 0.00	54.29 -1.91 0.00	62.39 -2.00 0.00	71.91 -2.38 0.00	64.28 -2.06 0.00	56.38 -2.11 0.00	48.99 -1.57 0.00	47.07 -0.96 0.00
STA_82____115KV_TB1 80780	51.99 -1.44 0.00	48.67 -1.66 0.00	47.12 -1.51 0.00	45.13 -1.44 0.00	48.80 -1.51 0.00	50.59 -1.73 0.00	62.65 -2.61 0.00	85.50 -3.38 0.00	69.85 -2.46 0.00	55.08 -2.30 0.01	48.33 -1.39 0.00	43.95 -1.27 0.00	41.35 -1.10 0.00	40.11 -1.24 0.00	39.13 -1.42 0.00	40.07 -1.67 0.00	47.14 -1.71 0.00	53.78 -2.42 0.00	61.81 -2.58 0.00	71.25 -3.05 0.00	63.69 -2.65 0.00	55.91 -2.57 0.00	48.64 -1.92 0.00	46.73 -1.30 0.00
STEEL____WIND 323596	50.45 -2.99 0.00	47.06 -3.27 0.00	45.81 -2.82 0.00	43.78 -2.79 0.00	47.19 -3.12 0.00	48.66 -3.66 0.00	59.84 -5.42 0.00	81.33 -7.56 0.00	66.30 -6.00 0.00	51.75 -5.62 0.01	46.20 -3.53 0.00	41.83 -3.39 0.00	39.36 -3.10 0.00	38.09 -3.27 0.00	37.15 -3.41 0.00	37.81 -3.93 0.00	44.45 -4.40 0.00	50.23 -5.96 0.01	58.08 -6.31 0.00	67.01 -7.28 0.00	60.10 -6.24 0.00	52.69 -5.79 0.00	46.26 -4.30 0.00	45.10 -2.93 0.00
STEPHTWN_115KV_BK_2 55603	54.40 0.96 0.00	51.49 1.16 0.00	49.79 1.17 0.00	47.74 1.16 0.00	51.41 1.11 0.00	53.68 1.36 0.00	67.09 1.83 0.00	91.37 2.49 0.00	74.04 1.74 0.00	58.70 1.32 0.00	50.57 0.85 0.00	45.94 0.72 0.00	43.18 0.72 0.00	42.02 0.66 0.00	41.28 0.73 0.00	42.66 0.92 0.00	50.07 1.22 0.00	57.88 1.69 0.00	66.00 1.61 0.00	76.15 1.86 0.00	67.87 1.53 0.00	59.83 1.35 0.00	51.72 1.16 0.00	48.99 0.96 0.00
STEBEN_REC_LFGE 323667	51.99 -1.44 0.00	48.47 -1.86 0.00	47.02 -1.60 0.00	45.04 -1.54 0.00	48.85 -1.46 0.00	50.75 -1.57 0.00	62.84 -2.41 0.00	85.95 -2.93 0.00	69.56 -2.75 0.00	54.48 -2.87 0.03	47.89 -1.84 0.00	43.46 -1.76 0.00	40.89 -1.57 0.00	39.66 -1.70 0.00	38.60 -1.95 0.00	39.40 -2.34 0.00	46.41 -2.44 0.00	53.10 -3.09 0.00	61.36 -3.03 0.00	71.02 -3.27 0.00	63.42 -2.92 0.00	55.85 -2.63 0.00	48.74 -1.82 0.00	47.16 -0.86 0.00
STILLWATER____SOLAR 323814	54.88 1.44 0.00	51.84 1.51 0.00	50.14 1.51 0.00	48.11 1.53 0.00	51.87 1.56 0.00	54.20 1.88 0.00	67.68 2.42 0.00	92.17 3.29 0.00	74.40 2.10 0.00	58.87 1.49 0.00	50.57 0.84 0.00	45.94 0.72 0.00	43.13 0.68 0.00	41.98 0.62 0.00	41.24 0.69 0.00	42.62 0.88 0.00	50.17 1.32 0.00	57.99 1.80 0.00	66.39 2.00 0.00	76.74 2.45 0.00	68.40 2.06 0.00	60.30 1.81 0.00	52.08 1.52 0.00	49.23 1.20 0.00
STONY____BROOK 24151	57.62 4.17 -0.01	53.92 3.57 -0.01	51.89 3.26 0.00	49.37 2.79 0.00	53.37 3.07 0.00	56.09 3.77 0.00	69.96 4.70 0.00	94.93 6.05 0.00	78.01 5.71 0.00	61.87 4.48 -0.01	54.26 4.52 -0.01	49.43 4.21 -0.01	46.41 3.95 -0.01	45.21 3.85 -0.01	44.33 3.77 -0.01	45.72 3.97 -0.01	57.05 4.88 -3.32	65.08 6.07 -2.81	70.51 6.05 -0.07	80.99 6.69 -0.01	73.29 6.31 -0.64	64.28 5.79 -0.01	59.05 4.96 -3.53	52.31 4.27 -0.01

STURGEON_POOL_HYD 23609	55.52 2.08 0.00	52.15 1.81 0.00	50.33 1.70 0.00	48.11 1.54 0.00	51.96 1.66 0.00	54.20 1.88 0.00	67.74 2.48 0.00	93.06 4.18 0.00	75.20 2.89 0.00	59.96 2.58 0.00	51.81 2.09 0.00	47.16 1.94 0.00	44.28 1.83 0.00	43.17 1.82 0.00	42.34 1.78 0.00	43.66 1.92 0.00	51.19 2.34 0.00	59.23 3.03 0.00	67.29 2.90 0.00	77.71 3.42 0.00	69.53 3.18 0.00	61.29 2.81 0.00	52.94 2.38 0.00	50.00 1.97 0.00
ST_LAW_115_BK7_LBMP 345037	53.28 -0.16 0.00	50.34 0.00 0.00	48.53 -0.10 0.00	46.39 -0.19 0.00	50.10 -0.20 0.00	51.80 -0.52 0.00	64.61 -0.65 0.00	87.64 -1.24 0.00	71.72 -0.58 0.00	56.69 -0.69 0.00	49.38 -0.35 0.00	44.86 -0.36 0.00	42.03 -0.42 0.00	41.02 -0.33 0.00	40.19 -0.37 0.00	41.40 -0.34 0.00	48.26 -0.58 0.00	55.35 -0.84 0.00	63.68 -0.71 0.00	73.48 -0.82 0.00	65.61 -0.73 0.00	57.90 -0.58 0.00	50.21 -0.35 0.00	47.74 -0.29 0.00
ST_LAW_115_BK8_LBMP 345038	53.28 -0.16 0.00	50.34 0.00 0.00	48.53 -0.10 0.00	46.39 -0.19 0.00	50.10 -0.20 0.00	51.80 -0.52 0.00	64.61 -0.65 0.00	87.64 -1.24 0.00	71.72 -0.58 0.00	56.69 -0.69 0.00	49.38 -0.35 0.00	44.86 -0.36 0.00	42.03 -0.42 0.00	41.02 -0.33 0.00	40.19 -0.37 0.00	41.40 -0.34 0.00	48.26 -0.58 0.00	55.35 -0.84 0.00	63.68 -0.71 0.00	73.48 -0.82 0.00	65.61 -0.73 0.00	57.90 -0.58 0.00	50.21 -0.35 0.00	47.74 -0.29 0.00
ST_LAW_230_BK5_LBMP 345035	53.33 -0.11 0.00	50.34 0.00 0.00	48.53 -0.10 0.00	46.39 -0.19 0.00	50.15 -0.15 0.00	51.85 -0.47 0.00	64.67 -0.59 0.00	87.82 -1.06 0.00	71.80 -0.50 0.00	56.81 -0.57 0.00	49.43 -0.30 0.00	44.91 -0.31 0.00	42.07 -0.38 0.00	41.07 -0.29 0.00	40.23 -0.33 0.00	41.40 -0.34 0.00	48.31 -0.54 0.00	55.41 -0.79 0.00	63.75 -0.64 0.00	73.55 -0.74 0.00	65.68 -0.66 0.00	57.95 -0.53 0.00	50.26 -0.30 0.00	47.79 -0.24 0.00
ST_LAW_230_BK6_LBMP 345036	53.33 -0.11 0.00	50.34 0.00 0.00	48.53 -0.10 0.00	46.39 -0.19 0.00	50.15 -0.15 0.00	51.85 -0.47 0.00	64.67 -0.59 0.00	87.82 -1.06 0.00	71.80 -0.50 0.00	56.81 -0.57 0.00	49.43 -0.30 0.00	44.91 -0.31 0.00	42.07 -0.38 0.00	41.07 -0.29 0.00	40.23 -0.33 0.00	41.40 -0.34 0.00	48.31 -0.54 0.00	55.41 -0.79 0.00	63.75 -0.64 0.00	73.55 -0.74 0.00	65.68 -0.66 0.00	57.95 -0.53 0.00	50.26 -0.30 0.00	47.79 -0.24 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	55.15 1.71 0.00	51.74 1.41 0.00	49.94 1.31 0.00	47.74 1.16 0.00	51.51 1.21 0.00	53.79 1.46 0.00	67.28 2.02 0.00	92.44 3.56 0.00	74.76 2.46 0.00	59.67 2.30 0.00	51.71 1.99 0.00	47.07 1.85 0.00	44.24 1.78 0.00	43.13 1.78 0.00	42.30 1.74 0.00	43.58 1.84 0.00	51.05 2.20 0.00	59.06 2.87 0.00	66.97 2.58 0.00	77.34 3.05 0.00	69.13 2.79 0.00	60.94 2.46 0.00	52.69 2.12 0.00	49.76 1.73 0.00
SWANROAD_115KV_TB1 355699	48.41 -5.02 0.00	45.20 -5.13 0.00	43.91 -4.72 0.00	42.10 -4.47 0.00	45.27 -5.03 0.00	46.57 -5.76 0.00	56.91 -8.35 0.00	77.06 -11.82 0.00	62.90 -9.40 0.00	49.17 -8.21 0.01	43.76 -5.97 0.00	39.84 -5.38 0.00	37.62 -4.84 0.00	36.39 -4.96 0.00	35.48 -5.07 0.00	36.06 -5.68 0.00	42.40 -6.45 0.00	47.92 -8.26 0.01	55.18 -9.21 0.00	63.82 -10.48 0.00	57.12 -9.22 0.00	50.12 -8.36 0.00	44.19 -6.37 0.00	43.27 -4.75 0.00
SYNERGY___BIOGAS 323694	51.03 -2.40 0.00	47.62 -2.72 0.00	46.20 -2.43 0.00	44.29 -2.28 0.00	47.79 -2.52 0.00	49.34 -2.98 0.00	60.76 -4.50 0.00	82.75 -6.13 0.00	67.53 -4.77 0.00	52.78 -4.59 0.01	46.69 -3.03 0.00	42.42 -2.80 0.00	39.95 -2.50 0.00	38.71 -2.65 0.00	37.67 -2.88 0.00	38.44 -3.30 0.00	45.28 -3.57 0.00	51.47 -4.72 0.01	59.43 -4.96 0.00	68.65 -5.65 0.00	61.50 -4.84 0.00	53.80 -4.68 0.00	47.17 -3.39 0.00	45.82 -2.21 0.00
SYRACUSE___ENERGY_ST1 323597	53.22 -0.21 0.00	49.98 -0.35 0.00	48.29 -0.34 0.00	46.25 -0.33 0.00	50.10 -0.20 0.00	52.06 -0.26 0.00	64.93 -0.33 0.00	88.70 -0.18 0.00	72.16 -0.14 0.00	57.26 -0.11 0.00	49.72 0.00 0.00	45.22 0.00 0.00	42.46 0.00 0.00	41.31 -0.04 0.00	40.43 -0.12 0.00	41.57 -0.17 0.00	48.70 -0.15 0.00	55.91 -0.28 0.00	64.07 -0.32 0.00	73.99 -0.30 0.00	66.01 -0.33 0.00	58.13 -0.35 0.00	50.31 -0.25 0.00	47.93 -0.10 0.00
SYRACUSE___ENERGY_ST2 323598	53.22 -0.21 0.00	49.98 -0.35 0.00	48.29 -0.34 0.00	46.25 -0.33 0.00	50.10 -0.20 0.00	52.06 -0.26 0.00	64.93 -0.33 0.00	88.70 -0.18 0.00	72.16 -0.14 0.00	57.26 -0.11 0.00	49.72 0.00 0.00	45.22 0.00 0.00	42.46 0.00 0.00	41.31 -0.04 0.00	40.43 -0.12 0.00	41.57 -0.17 0.00	48.70 -0.15 0.00	55.91 -0.28 0.00	64.07 -0.32 0.00	73.99 -0.30 0.00	66.01 -0.33 0.00	58.13 -0.35 0.00	50.31 -0.25 0.00	47.93 -0.10 0.00
SYRACUSE___POWER 24017	53.12 -0.32 0.00	49.88 -0.45 0.00	48.19 -0.44 0.00	46.16 -0.42 0.00	50.00 -0.30 0.00	51.95 -0.37 0.00	64.87 -0.39 0.00	88.53 -0.36 0.00	72.01 -0.29 0.00	57.15 -0.23 0.00	49.68 -0.05 0.00	45.13 -0.09 0.00	42.41 -0.04 0.00	41.27 -0.08 0.00	40.39 -0.16 0.00	41.53 -0.21 0.00	48.65 -0.20 0.00	55.86 -0.34 0.00	64.00 -0.39 0.00	73.85 -0.45 0.00	65.88 -0.46 0.00	58.01 -0.47 0.00	50.26 -0.30 0.00	47.84 -0.19 0.00
TALLMAN__138KV_BK151 55660	55.25 1.82 0.00	51.85 1.51 0.00	50.04 1.41 0.00	47.79 1.21 0.00	51.56 1.26 0.00	53.84 1.52 0.00	67.35 2.09 0.00	92.61 3.73 0.00	74.91 2.60 0.00	59.90 2.52 0.00	51.91 2.19 0.00	47.30 2.08 0.00	44.45 2.00 0.00	43.38 2.03 0.00	42.50 1.95 0.00	43.78 2.05 0.00	51.29 2.44 0.00	59.29 3.09 0.00	67.16 2.77 0.00	77.49 3.19 0.00	69.33 2.99 0.00	61.11 2.63 0.00	52.79 2.22 0.00	49.85 1.83 0.00
TEALLAVE_115KV_TB7 355573	52.90 -0.53 0.00	49.68 -0.65 0.00	48.00 -0.63 0.00	46.02 -0.56 0.00	49.80 -0.50 0.00	51.74 -0.58 0.00	64.54 -0.72 0.00	88.17 -0.71 0.00	71.73 -0.58 0.00	56.98 -0.40 0.00	49.53 -0.20 0.00	45.04 -0.18 0.00	42.29 -0.17 0.00	41.15 -0.21 0.00	40.27 -0.28 0.00	41.41 -0.33 0.00	48.51 -0.34 0.00	55.63 -0.56 0.00	63.75 -0.64 0.00	73.55 -0.74 0.00	65.61 -0.73 0.00	57.78 -0.70 0.00	50.01 -0.56 0.00	47.60 -0.43 0.00
TELEGRAPH_34_KV_EAST 80808	49.91 -3.53 0.00	46.56 -3.78 0.00	45.22 -3.40 0.00	43.36 -3.21 0.00	46.73 -3.57 0.00	48.13 -4.19 0.00	59.13 -6.13 0.00	80.35 -8.53 0.00	65.58 -6.72 0.00	51.29 -6.08 0.01	45.45 -4.28 0.00	41.33 -3.89 0.00	39.02 -3.44 0.00	37.76 -3.60 0.00	36.78 -3.77 0.00	37.48 -4.26 0.00	44.11 -4.74 0.00	49.99 -6.18 0.02	57.63 -6.76 0.00	66.57 -7.73 0.00	59.64 -6.70 0.00	52.22 -6.26 0.00	45.96 -4.60 0.00	44.76 -3.27 0.00
TEMPLE___115KV_TB 2 55572	52.96 -0.48 0.00	49.73 -0.60 0.00	48.04 -0.58 0.00	46.06 -0.51 0.00	49.85 -0.45 0.00	51.80 -0.52 0.00	64.61 -0.65 0.00	88.26 -0.62 0.00	71.80 -0.51 0.00	57.03 -0.34 0.00	49.58 -0.15 0.00	45.08 -0.14 0.00	42.33 -0.13 0.00	41.19 -0.17 0.00	40.31 -0.24 0.00	41.45 -0.29 0.00	48.56 -0.29 0.00	55.69 -0.51 0.00	63.75 -0.64 0.00	73.62 -0.67 0.00	65.68 -0.66 0.00	57.84 -0.64 0.00	50.06 -0.51 0.00	47.64 -0.38 0.00

TIANA___69_KV_BK 1 55817	58.15 4.70 -0.01	54.47 4.13 -0.01	52.52 3.89 0.00	49.93 3.35 0.00	54.03 3.72 0.00	56.56 4.24 0.00	70.74 5.48 0.00	95.46 6.58 0.00	77.73 5.42 0.00	62.61 5.22 -0.01	55.15 5.42 -0.01	50.16 4.93 -0.01	47.01 4.54 -0.01	45.79 4.42 -0.01	44.86 4.30 -0.01	46.34 4.59 -0.01	57.92 5.76 -3.31	66.19 7.19 -2.81	71.73 7.28 -0.07	82.10 7.80 -0.01	74.61 7.63 -0.64	65.57 7.08 -0.01	60.10 6.02 -3.52	53.32 5.28 -0.01
TILDEN___115KV_TB1 80814	53.12 -0.32 0.00	49.88 -0.45 0.00	48.19 -0.44 0.00	46.16 -0.42 0.00	50.00 -0.30 0.00	51.95 -0.37 0.00	64.87 -0.39 0.00	88.53 -0.36 0.00	72.01 -0.29 0.00	57.15 -0.23 0.00	49.68 -0.05 0.00	45.13 -0.09 0.00	42.41 -0.04 0.00	41.27 -0.08 0.00	40.39 -0.16 0.00	41.53 -0.21 0.00	48.65 -0.20 0.00	55.86 -0.34 0.00	64.00 -0.39 0.00	73.85 -0.45 0.00	65.88 -0.46 0.00	58.01 -0.47 0.00	50.26 -0.30 0.00	47.84 -0.19 0.00
TRIGEN___CC 323695	56.50 3.05 -0.02	53.02 2.67 -0.02	51.16 2.53 0.00	48.72 2.14 0.00	52.67 2.36 0.00	55.04 2.72 0.00	68.65 3.39 0.00	93.68 4.80 0.00	76.14 3.83 0.00	61.12 3.73 -0.02	53.02 3.28 -0.02	48.31 3.07 -0.02	45.40 2.93 -0.02	44.30 2.94 -0.02	43.45 2.88 -0.02	44.72 2.96 -0.02	57.57 3.47 -5.26	64.98 4.33 -4.46	68.63 4.12 -0.12	79.06 4.75 -0.02	71.74 4.38 -1.03	62.42 3.92 -0.02	59.49 3.34 -5.59	50.92 2.88 -0.02
TRINITY___115KV___4 BK 55933	53.92 0.48 0.00	51.04 0.70 0.00	49.36 0.73 0.00	47.37 0.79 0.00	51.01 0.70 0.00	53.21 0.89 0.00	66.50 1.24 0.00	90.39 1.51 0.00	73.32 1.01 0.00	58.24 0.86 0.00	50.17 0.45 0.00	45.63 0.41 0.00	42.88 0.42 0.00	41.77 0.41 0.00	41.00 0.45 0.00	42.32 0.58 0.00	49.63 0.78 0.00	57.32 1.12 0.00	65.36 0.97 0.00	75.33 1.04 0.00	67.20 0.86 0.00	59.30 0.82 0.00	51.27 0.71 0.00	48.60 0.58 0.00
UNION___PROCESSING_DRP 323587	51.99 -1.44 0.00	48.67 -1.66 0.00	47.12 -1.51 0.00	45.18 -1.40 0.00	48.80 -1.51 0.00	50.59 -1.73 0.00	62.65 -2.61 0.00	85.50 -3.38 0.00	69.92 -2.39 0.00	55.14 -2.24 0.01	48.33 -1.39 0.00	43.95 -1.27 0.00	41.35 -1.10 0.00	40.15 -1.20 0.00	39.13 -1.42 0.00	40.11 -1.63 0.00	47.14 -1.71 0.00	53.78 -2.42 0.00	61.81 -2.58 0.00	71.32 -2.97 0.00	63.75 -2.59 0.00	55.91 -2.57 0.00	48.64 -1.92 0.00	46.73 -1.30 0.00
UPPER HUDSON___HYD 24058	54.29 0.85 0.00	51.24 0.91 0.00	49.55 0.92 0.00	47.51 0.93 0.00	51.31 1.01 0.00	53.68 1.36 0.00	67.02 1.76 0.00	91.46 2.58 0.00	73.67 1.37 0.00	58.18 0.80 0.00	50.03 0.30 0.00	45.36 0.14 0.00	42.63 0.17 0.00	41.40 0.04 0.00	40.67 0.12 0.00	42.11 0.37 0.00	49.63 0.78 0.00	57.43 1.23 0.00	65.74 1.35 0.00	76.07 1.78 0.00	67.74 1.40 0.00	59.65 1.17 0.00	51.52 0.96 0.00	48.65 0.62 0.00
UPPER RAQUET___HYD 24056	52.53 -0.91 0.00	49.53 -0.81 0.00	47.70 -0.93 0.00	45.60 -0.98 0.00	48.84 -1.46 0.00	50.49 -1.83 0.00	63.24 -2.02 0.00	84.97 -3.91 0.00	69.48 -2.82 0.00	54.57 -2.81 0.00	47.24 -2.48 0.00	42.96 -2.26 0.00	40.16 -2.29 0.00	39.29 -2.07 0.00	38.52 -2.03 0.00	39.82 -1.92 0.00	46.94 -1.91 0.00	54.12 -2.08 0.00	62.39 -2.00 0.00	72.13 -2.16 0.00	64.28 -2.06 0.00	57.25 -1.23 0.00	49.60 -0.96 0.00	47.07 -0.96 0.00
VALLEY44_115KV_TB2 355964	50.50 -2.94 0.00	47.16 -3.17 0.00	45.71 -2.92 0.00	43.83 -2.75 0.00	47.29 -3.02 0.00	48.97 -3.35 0.00	60.76 -4.50 0.00	82.30 -6.58 0.00	66.74 -5.57 0.00	52.26 -5.11 0.01	46.14 -3.58 0.00	41.96 -3.26 0.00	39.57 -2.89 0.00	38.33 -3.02 0.00	37.39 -3.16 0.00	38.02 -3.71 0.00	44.75 -4.10 0.00	50.96 -5.23 0.01	58.66 -5.73 0.00	67.98 -6.31 0.00	60.70 -5.64 0.00	53.34 -5.15 0.00	46.62 -3.94 0.00	45.43 -2.59 0.00
VALLEY___115KV_TB 1-4 80826	53.22 -0.21 0.00	50.18 -0.15 0.00	48.53 -0.10 0.00	46.53 -0.05 0.00	50.20 -0.10 0.00	52.27 -0.05 0.00	65.32 0.07 0.00	88.97 0.09 0.00	72.45 0.14 0.00	57.49 0.11 0.00	49.72 0.00 0.00	45.22 0.00 0.00	42.46 0.00 0.00	41.35 0.00 0.00	40.55 0.00 0.00	41.74 0.00 0.00	49.00 0.15 0.00	56.42 0.22 0.00	64.52 0.13 0.00	74.44 0.15 0.00	66.41 0.07 0.00	58.54 0.06 0.00	50.56 0.00 0.00	47.98 -0.05 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	55.41 1.98 0.00	52.10 1.76 0.00	50.33 1.70 0.00	48.30 1.72 0.00	52.07 1.76 0.00	54.26 1.94 0.00	68.00 2.74 0.00	92.70 3.82 0.00	75.63 3.33 0.00	59.96 2.58 0.00	51.76 2.04 0.00	47.03 1.81 0.00	44.07 1.61 0.00	42.93 1.57 0.00	42.13 1.58 0.00	43.37 1.63 0.00	51.10 2.25 0.00	58.95 2.75 0.00	67.22 2.83 0.00	77.49 3.19 0.00	69.13 2.79 0.00	60.88 2.40 0.00	52.69 2.12 0.00	50.04 2.02 0.00
VISCHER___FERRY HYD 24020	54.29 0.85 0.00	51.44 1.11 0.00	49.75 1.12 0.00	47.78 1.21 0.00	51.51 1.21 0.00	53.78 1.46 0.00	67.22 1.96 0.00	91.19 2.31 0.00	73.75 1.45 0.00	58.59 1.21 0.00	50.27 0.55 0.00	45.76 0.54 0.00	42.97 0.51 0.00	41.85 0.50 0.00	41.12 0.57 0.00	42.45 0.71 0.00	49.88 1.03 0.00	57.60 1.41 0.00	65.87 1.48 0.00	76.07 1.78 0.00	67.80 1.46 0.00	59.83 1.35 0.00	51.67 1.11 0.00	48.84 0.82 0.00
V_A_10_SYNC_DSASP 323832	49.75 -3.69 0.00	46.46 -3.88 0.00	45.08 -3.55 0.00	43.22 -3.35 0.00	46.58 -3.72 0.00	47.93 -4.39 0.00	58.73 -6.53 0.00	79.82 -9.07 0.00	65.15 -7.16 0.00	51.06 -6.31 0.01	45.25 -4.48 0.00	41.20 -4.02 0.00	38.89 -3.57 0.00	37.67 -3.68 0.00	36.74 -3.81 0.00	37.44 -4.30 0.00	43.96 -4.88 0.00	49.89 -6.29 0.01	57.31 -7.08 0.00	66.19 -8.10 0.00	59.24 -7.10 0.00	51.99 -6.49 0.00	45.66 -4.90 0.00	44.38 -3.65 0.00
V_CMM_10_SYNC_DSASP 323787	53.38 -0.05 0.00	50.64 0.30 0.00	48.77 0.15 0.00	46.62 0.05 0.00	50.41 0.10 0.00	51.90 -0.42 0.00	64.61 -0.65 0.00	87.73 -1.16 0.00	71.80 -0.51 0.00	56.75 -0.63 0.00	49.63 -0.10 0.00	45.08 -0.14 0.00	42.24 -0.21 0.00	41.23 -0.12 0.00	40.39 -0.16 0.00	41.61 -0.13 0.00	48.51 -0.34 0.00	55.30 -0.90 0.00	63.75 -0.64 0.00	73.55 -0.74 0.00	65.68 -0.66 0.00	57.96 -0.53 0.00	50.46 -0.10 0.00	47.93 -0.10 0.00
V_CMP_10_SYNC_DSASP 323788	55.20 1.76 0.00	51.90 1.56 0.00	49.89 1.26 0.00	47.55 0.98 0.00	51.31 1.01 0.00	53.16 0.84 0.00	66.37 1.11 0.00	90.13 1.24 0.00	73.97 1.66 0.00	58.35 0.98 0.00	50.67 0.94 0.00	46.03 0.81 0.00	43.09 0.64 0.00	42.06 0.70 0.00	41.16 0.61 0.00	42.41 0.67 0.00	49.48 0.64 0.00	56.81 0.62 0.00	65.61 1.22 0.00	75.78 1.49 0.00	67.73 1.39 0.00	59.77 1.29 0.00	51.67 1.11 0.00	48.94 0.91 0.00
V_D_10_SYNC_DSASP 323841	53.92 0.48 0.00	50.84 0.50 0.00	49.02 0.39 0.00	46.81 0.23 0.00	50.66 0.35 0.00	52.37 0.05 0.00	65.32 0.07 0.00	88.53 -0.36 0.00	72.52 0.22 0.00	57.21 -0.17 0.00	49.77 0.05 0.00	45.27 0.05 0.00	42.37 -0.08 0.00	41.40 0.04 0.00	40.55 0.00 0.00	41.74 0.00 0.00	48.70 -0.15 0.00	55.80 -0.39 0.00	64.39 0.00 0.00	74.29 0.00 0.00	66.34 0.00 0.00	58.54 0.06 0.00	50.71 0.15 0.00	48.17 0.14 0.00

V_E_10_SYNC_DSASP 323830	55.79 2.35 0.00	52.35 2.01 0.00	50.52 1.90 0.00	48.58 2.00 0.00	52.47 2.16 0.00	54.67 2.35 0.00	68.98 3.72 0.00	94.13 5.24 0.00	76.35 4.05 0.00	60.03 2.64 -0.01	51.71 1.99 0.00	46.85 1.63 0.00	43.81 1.36 0.00	42.68 1.32 0.00	41.85 1.30 0.00	43.16 1.42 0.00	51.24 2.39 0.00	59.51 3.32 0.00	68.38 3.99 0.00	78.97 4.68 0.00	70.25 3.91 0.00	61.64 3.16 0.00	53.39 2.83 0.00	50.76 2.74 0.00
V_F_30_NSYNC_DSASP 323816	54.99 1.55 0.00	51.95 1.61 0.00	50.23 1.60 0.00	48.16 1.58 0.00	51.96 1.66 0.00	54.31 1.99 0.00	67.80 2.55 0.00	92.35 3.47 0.00	74.62 2.31 0.00	59.04 1.66 0.00	50.77 1.04 0.00	46.08 0.86 0.00	43.26 0.81 0.00	42.10 0.74 0.00	41.32 0.77 0.00	42.74 1.00 0.00	50.27 1.42 0.00	58.16 1.97 0.00	66.58 2.19 0.00	76.89 2.60 0.00	68.53 2.19 0.00	60.41 1.93 0.00	52.18 1.62 0.00	49.76 1.73 0.00
V_F_30_SYNC_DSASP 323786	54.02 0.59 0.00	51.14 0.81 0.00	49.50 0.88 0.00	47.46 0.88 0.00	51.11 0.80 0.00	53.31 0.99 0.00	66.56 1.31 0.00	90.66 1.78 0.00	73.53 1.23 0.00	58.35 0.98 0.00	50.32 0.60 0.00	45.76 0.54 0.00	43.01 0.55 0.00	41.85 0.50 0.00	41.12 0.57 0.00	42.45 0.71 0.00	49.78 0.93 0.00	57.49 1.29 0.00	65.48 1.09 0.00	75.55 1.26 0.00	67.34 1.00 0.00	59.42 0.94 0.00	51.37 0.81 0.00	48.70 0.67 0.00
V_XM_10_SYNC_DSASP 323789	55.20 1.76 0.00	51.90 1.56 0.00	49.89 1.26 0.00	47.55 0.98 0.00	51.31 1.01 0.00	53.16 0.84 0.00	66.37 1.11 0.00	90.13 1.24 0.00	73.97 1.66 0.00	58.35 0.98 0.00	50.67 0.94 0.00	46.03 0.81 0.00	43.09 0.64 0.00	42.06 0.70 0.00	41.16 0.61 0.00	42.41 0.67 0.00	49.48 0.64 0.00	56.81 0.62 0.00	65.61 1.22 0.00	75.78 1.49 0.00	67.73 1.39 0.00	59.77 1.29 0.00	51.67 1.11 0.00	48.94 0.91 0.00
W.BABYLN_69_KV_BK1 56697	57.61 4.17 -0.01	54.07 3.72 -0.01	52.13 3.50 0.00	49.60 3.03 0.00	53.62 3.32 0.00	56.09 3.77 0.00	70.02 4.76 0.00	95.28 6.40 0.00	77.37 5.06 0.00	62.15 4.76 -0.01	54.16 4.43 -0.01	49.30 4.07 -0.01	46.29 3.82 -0.01	45.13 3.76 -0.01	44.25 3.69 -0.01	45.63 3.88 -0.01	57.08 4.69 -3.54	64.99 5.79 -3.00	70.32 5.86 -0.07	80.99 6.69 -0.01	73.26 6.24 -0.69	64.05 5.56 -0.01	59.08 4.75 -3.77	52.17 4.13 -0.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	55.41 1.98 0.00	51.95 1.56 0.00	50.18 1.56 0.00	47.93 1.35 0.00	51.71 1.41 0.00	53.99 1.67 0.00	67.54 2.28 0.00	92.88 4.00 0.00	75.12 2.82 0.00	60.08 2.70 0.00	52.06 2.34 0.00	47.44 2.22 0.00	44.58 2.12 0.00	43.50 2.15 0.00	42.62 2.07 0.00	43.91 2.17 0.00	51.44 2.59 0.00	59.40 3.20 0.00	67.35 2.96 0.00	77.71 3.42 0.00	69.53 3.18 0.00	61.29 2.81 0.00	52.94 2.38 0.00	50.00 1.97 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	56.00 2.56 0.00	52.45 2.11 0.00	50.62 1.99 0.00	48.30 1.72 0.00	52.12 1.81 0.00	54.47 2.15 0.00	68.13 2.87 0.00	93.77 4.89 0.00	75.92 3.62 0.00	60.76 3.39 0.00	52.76 3.03 0.00	48.07 2.85 0.00	45.13 2.67 0.00	44.00 2.65 0.00	43.11 2.55 0.00	44.45 2.71 0.00	52.12 3.27 0.00	60.13 3.93 0.00	68.06 3.67 0.00	78.45 4.16 0.00	70.19 3.85 0.00	61.93 3.45 0.00	53.49 2.93 0.00	50.52 2.50 0.00
W50THST__13_KV_LOAD 356117	56.16 2.73 0.00	52.65 2.32 0.00	50.82 2.19 0.00	48.48 1.91 0.00	52.32 2.01 0.00	54.67 2.35 0.00	68.39 3.13 0.00	94.21 5.33 0.00	76.28 3.98 0.00	61.11 3.73 0.00	53.01 3.28 0.00	48.29 3.07 0.00	45.34 2.89 0.00	44.21 2.85 0.00	43.31 2.76 0.00	44.62 2.88 0.00	52.32 3.47 0.00	60.41 4.21 0.00	68.32 3.93 0.00	78.82 4.53 0.00	70.45 4.11 0.00	62.17 3.68 0.00	53.70 3.13 0.00	50.67 2.64 0.00
WADING RIVER_IC_1 23522	57.24 3.79 -0.01	53.61 3.27 -0.01	51.55 2.92 0.00	49.04 2.47 0.00	53.02 2.71 0.00	55.77 3.45 0.00	69.63 4.37 0.00	93.59 4.71 0.00	77.58 5.28 0.00	61.46 4.07 -0.01	54.41 4.67 -0.01	49.53 4.30 -0.01	46.45 3.99 -0.01	45.29 3.93 -0.01	44.41 3.85 -0.01	45.80 4.05 -0.01	57.24 5.08 -3.31	65.40 6.40 -2.80	70.70 6.24 -0.07	80.76 6.46 -0.01	73.41 6.43 -0.64	64.69 6.20 -0.01	59.39 5.31 -3.52	52.60 4.57 -0.01
WADING RIVER_IC_2 23547	57.24 3.79 -0.01	53.61 3.27 -0.01	51.55 2.92 0.00	49.04 2.47 0.00	53.02 2.71 0.00	55.77 3.45 0.00	69.63 4.37 0.00	93.59 4.71 0.00	77.58 5.28 0.00	61.46 4.07 -0.01	54.41 4.67 -0.01	49.53 4.30 -0.01	46.45 3.99 -0.01	45.29 3.93 -0.01	44.41 3.85 -0.01	45.80 4.05 -0.01	57.24 5.08 -3.31	65.40 6.40 -2.80	70.70 6.24 -0.07	80.76 6.46 -0.01	73.41 6.43 -0.64	64.69 6.20 -0.01	59.39 5.31 -3.52	52.60 4.57 -0.01
WADING RIVER_IC_3 23601	57.24 3.79 -0.01	53.61 3.27 -0.01	51.55 2.92 0.00	49.04 2.47 0.00	53.02 2.71 0.00	55.77 3.45 0.00	69.63 4.37 0.00	93.59 4.71 0.00	77.58 5.28 0.00	61.46 4.07 -0.01	54.41 4.67 -0.01	49.53 4.30 -0.01	46.45 3.99 -0.01	45.29 3.93 -0.01	44.41 3.85 -0.01	45.80 4.05 -0.01	57.24 5.08 -3.31	65.40 6.40 -2.80	70.70 6.24 -0.07	80.76 6.46 -0.01	73.41 6.43 -0.64	64.69 6.20 -0.01	59.39 5.31 -3.52	52.60 4.57 -0.01
WALDENNY_12_KV_BK2 80841	50.12 -3.31 0.00	46.76 -3.57 0.00	45.37 -3.26 0.00	43.50 -3.07 0.00	46.88 -3.42 0.00	48.34 -3.98 0.00	59.45 -5.81 0.00	80.62 -8.27 0.00	65.72 -6.58 0.00	51.40 -5.97 0.01	45.65 -4.08 0.00	41.51 -3.71 0.00	39.19 -3.27 0.00	37.92 -3.43 0.00	36.94 -3.61 0.00	37.61 -4.13 0.00	44.16 -4.69 0.00	50.06 -6.13 0.01	57.69 -6.70 0.00	66.71 -7.58 0.00	59.71 -6.63 0.00	52.34 -6.14 0.00	46.01 -4.55 0.00	44.95 -3.07 0.00
WALDEN__HYDRO 24148	55.47 2.03 0.00	52.05 1.71 0.00	50.23 1.60 0.00	47.97 1.40 0.00	51.81 1.51 0.00	54.10 1.78 0.00	67.67 2.41 0.00	93.06 4.18 0.00	75.20 2.89 0.00	59.96 2.58 0.00	51.91 2.19 0.00	47.25 2.03 0.00	44.41 1.95 0.00	43.30 1.94 0.00	42.46 1.91 0.00	43.74 2.00 0.00	51.29 2.44 0.00	59.34 3.15 0.00	67.35 2.96 0.00	77.78 3.49 0.00	69.59 3.25 0.00	61.29 2.81 0.00	52.94 2.38 0.00	50.00 1.97 0.00
WARRENSBURG____ 23737	54.29 0.85 0.00	51.24 0.91 0.00	49.55 0.92 0.00	47.55 0.98 0.00	51.31 1.01 0.00	53.68 1.36 0.00	67.02 1.76 0.00	91.46 2.58 0.00	73.75 1.45 0.00	58.24 0.86 0.00	50.07 0.35 0.00	45.40 0.18 0.00	42.63 0.17 0.00	41.44 0.08 0.00	40.67 0.12 0.00	42.11 0.38 0.00	49.63 0.78 0.00	57.49 1.29 0.00	65.81 1.42 0.00	76.07 1.78 0.00	67.73 1.39 0.00	59.71 1.23 0.00	51.57 1.01 0.00	49.95 1.92 0.00
WATERSIDE__6 8 9 23538	56.16 2.73 0.00	52.60 2.27 0.00	50.72 2.09 0.00	48.39 1.82 0.00	52.22 1.91 0.00	54.41 2.09 0.00	67.80 2.55 0.00	93.41 4.53 0.00	75.70 3.40 0.00	60.76 3.39 0.00	52.86 3.13 0.00	48.16 2.94 0.00	45.22 2.76 0.00	44.08 2.73 0.00	43.19 2.64 0.00	44.54 2.80 0.00	52.22 3.37 0.00	60.24 4.05 0.00	67.93 3.54 0.00	78.30 4.01 0.00	70.06 3.72 0.00	61.99 3.51 0.00	53.60 3.03 0.00	50.67 2.64 0.00

WATKINRD_115KV_LN8_ILLLION 55919	53.33 -0.11 0.00	50.28 -0.05 0.00	48.58 -0.05 0.00	46.58 0.00 0.00	50.25 -0.05 0.00	52.32 0.00 0.00	65.39 0.13 0.00	89.06 0.18 0.00	72.45 0.14 0.00	57.49 0.11 0.00	49.72 0.00 0.00	45.22 0.00 0.00	42.46 0.00 0.00	41.35 0.00 0.00	40.55 0.00 0.00	41.74 0.00 0.00	49.00 0.15 0.00	56.42 0.22 0.00	64.58 0.19 0.00	74.44 0.15 0.00	66.47 0.13 0.00	58.60 0.12 0.00	50.61 0.05 0.00	48.03 0.00 0.00
WDELAWARE___HYD 323627	56.37 2.94 0.00	52.95 2.62 0.00	51.11 2.48 0.00	48.81 2.24 0.00	52.72 2.41 0.00	55.14 2.82 0.00	68.85 3.59 0.00	94.84 5.96 0.00	76.72 4.41 0.00	60.82 3.44 0.00	52.46 2.73 0.00	47.66 2.44 0.00	44.83 2.38 0.00	43.71 2.36 0.00	42.86 2.31 0.00	44.16 2.42 0.00	51.88 3.03 0.00	60.19 3.99 0.00	68.45 4.06 0.00	79.05 4.76 0.00	70.72 4.38 0.00	62.23 3.75 0.00	53.80 3.24 0.00	50.81 2.78 0.00
WEST BABYLON___IC 23714	57.61 4.17 -0.01	54.07 3.72 -0.01	52.13 3.50 0.00	49.60 3.03 0.00	53.62 3.32 0.00	56.09 3.77 0.00	70.02 4.76 0.00	95.28 6.40 0.00	77.37 5.06 0.00	62.15 4.76 -0.01	54.16 4.43 -0.01	49.30 4.07 -0.01	46.29 3.82 -0.01	45.13 3.76 -0.01	44.25 3.69 -0.01	45.63 3.88 -0.01	57.08 4.69 -3.54	64.99 5.79 -3.00	70.32 5.86 -0.07	80.99 6.69 -0.01	73.26 6.24 -0.69	64.05 5.56 -0.01	59.08 4.75 -3.77	52.17 4.13 -0.01
WEST CANADA___HYD 24049	53.44 0.00 0.00	50.34 0.00 0.00	48.63 0.00 0.00	46.62 0.05 0.00	50.30 0.00 0.00	52.37 0.05 0.00	65.39 0.13 0.00	89.06 0.18 0.00	72.45 0.14 0.00	57.49 0.11 0.00	49.72 0.00 0.00	45.27 0.05 0.00	42.50 0.04 0.00	41.40 0.04 0.00	40.59 0.04 0.00	41.78 0.04 0.00	49.00 0.15 0.00	56.42 0.23 0.00	64.52 0.13 0.00	74.44 0.15 0.00	66.47 0.13 0.00	58.60 0.12 0.00	50.66 0.10 0.00	48.08 0.05 0.00
WESTERN_NY_WIND 24143	50.87 -2.56 0.00	47.47 -2.87 0.00	46.05 -2.58 0.00	44.15 -2.42 0.00	47.64 -2.67 0.00	49.18 -3.14 0.00	60.56 -4.70 0.00	82.48 -6.40 0.00	67.31 -4.99 0.00	52.61 -4.76 0.01	46.54 -3.18 0.00	42.28 -2.94 0.00	39.82 -2.63 0.00	38.58 -2.77 0.00	37.55 -3.00 0.00	38.32 -3.42 0.00	45.14 -3.71 0.00	51.24 -4.95 0.01	59.17 -5.22 0.00	68.42 -5.87 0.00	61.23 -5.11 0.00	53.63 -4.85 0.00	47.02 -3.54 0.00	45.67 -2.35 0.00
WESTOVER___LESR 323668	53.38 -0.05 0.00	50.08 -0.25 0.00	48.43 -0.19 0.00	46.39 -0.19 0.00	50.20 -0.10 0.00	52.11 -0.21 0.00	65.06 -0.20 0.00	88.44 -0.44 0.00	71.87 -0.43 0.00	56.92 -0.46 0.00	49.53 -0.20 0.00	44.99 -0.23 0.00	42.29 -0.17 0.00	41.15 -0.21 0.00	40.23 -0.32 0.00	41.45 -0.29 0.00	48.65 -0.20 0.00	55.91 -0.28 0.00	64.00 -0.39 0.00	73.92 -0.37 0.00	65.94 -0.40 0.00	58.07 -0.41 0.00	50.36 -0.20 0.00	48.08 0.05 0.00
WETHRSFD_WT_PWR 323626	50.55 -2.89 0.00	47.17 -3.17 0.00	45.86 -2.77 0.00	43.73 -2.84 0.00	47.19 -3.12 0.00	48.87 -3.45 0.00	60.30 -4.96 0.00	82.04 -6.84 0.00	66.74 -5.57 0.00	52.09 -5.28 0.01	46.24 -3.48 0.00	41.87 -3.35 0.00	39.36 -3.10 0.00	38.13 -3.23 0.00	37.19 -3.37 0.00	37.94 -3.80 0.00	44.65 -4.20 0.00	50.79 -5.40 0.01	58.79 -5.60 0.00	67.90 -6.39 0.00	60.84 -5.51 0.00	53.45 -5.03 0.00	46.82 -3.74 0.00	45.48 -2.55 0.00
WHAVSTOR_138KV_BK127 55557	55.20 1.76 0.00	51.79 1.46 0.00	49.99 1.36 0.00	47.79 1.21 0.00	51.56 1.26 0.00	53.84 1.52 0.00	67.35 2.09 0.00	92.53 3.64 0.00	74.83 2.53 0.00	59.85 2.47 0.00	51.86 2.14 0.00	47.25 2.03 0.00	44.45 2.00 0.00	43.34 1.98 0.00	42.50 1.95 0.00	43.78 2.05 0.00	51.24 2.39 0.00	59.23 3.03 0.00	67.09 2.70 0.00	77.41 3.12 0.00	69.26 2.92 0.00	61.06 2.57 0.00	52.79 2.22 0.00	49.80 1.78 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	55.20 1.76 0.00	51.79 1.46 0.00	49.99 1.36 0.00	47.79 1.21 0.00	51.56 1.26 0.00	53.84 1.52 0.00	67.35 2.09 0.00	92.53 3.64 0.00	74.83 2.53 0.00	59.85 2.47 0.00	51.86 2.14 0.00	47.25 2.03 0.00	44.45 2.00 0.00	43.34 1.98 0.00	42.50 1.95 0.00	43.78 2.05 0.00	51.24 2.39 0.00	59.23 3.03 0.00	67.09 2.70 0.00	77.41 3.12 0.00	69.26 2.92 0.00	61.06 2.57 0.00	52.79 2.22 0.00	49.80 1.78 0.00
WHITEHAL_115KV_TB1 80871	54.35 0.91 0.00	51.24 0.91 0.00	49.55 0.92 0.00	47.55 0.98 0.00	51.36 1.06 0.00	53.79 1.46 0.00	67.28 2.02 0.00	91.90 3.02 0.00	73.82 1.52 0.00	58.07 0.69 0.00	49.82 0.10 0.00	45.13 -0.09 0.00	42.33 -0.13 0.00	41.11 -0.25 0.00	40.35 -0.20 0.00	41.86 0.13 0.00	49.48 0.64 0.00	57.43 1.24 0.00	65.87 1.48 0.00	76.37 2.08 0.00	67.93 1.59 0.00	59.83 1.35 0.00	51.57 1.01 0.00	49.80 1.78 0.00
WHITEPLN_13_KV_LOAD 356215	56.11 2.67 0.00	52.65 2.32 0.00	50.82 2.19 0.00	48.48 1.91 0.00	52.32 2.01 0.00	54.67 2.35 0.00	68.46 3.20 0.00	94.30 5.42 0.00	76.21 3.90 0.00	60.99 3.61 0.00	52.86 3.13 0.00	48.11 2.89 0.00	45.17 2.72 0.00	44.04 2.69 0.00	43.19 2.64 0.00	44.49 2.75 0.00	52.22 3.37 0.00	60.35 4.16 0.00	68.32 3.93 0.00	78.90 4.61 0.00	70.59 4.25 0.00	62.11 3.63 0.00	53.70 3.13 0.00	50.62 2.59 0.00
WM_FLOYD_69_KV_BK2 356380	57.56 4.11 -0.01	53.92 3.57 -0.01	51.98 3.36 0.00	49.42 2.84 0.00	53.47 3.17 0.00	55.98 3.66 0.00	69.96 4.70 0.00	94.48 5.60 0.00	76.93 4.63 0.00	61.92 4.53 -0.01	54.46 4.72 -0.01	49.52 4.30 -0.01	46.46 3.99 -0.01	45.29 3.93 -0.01	44.37 3.81 -0.01	45.80 4.05 -0.01	57.24 5.08 -3.31	65.35 6.35 -2.81	70.77 6.31 -0.07	81.14 6.83 -0.01	73.68 6.70 -0.64	64.69 6.20 -0.01	59.34 5.26 -3.52	52.60 4.56 -0.01
WOODARD_115KV_TB2 355635	52.85 -0.59 0.00	49.68 -0.65 0.00	48.00 -0.63 0.00	45.97 -0.61 0.00	49.75 -0.55 0.00	51.69 -0.63 0.00	64.48 -0.78 0.00	88.08 -0.80 0.00	71.65 -0.65 0.00	56.86 -0.52 0.00	49.43 -0.30 0.00	44.90 -0.32 0.00	42.20 -0.25 0.00	41.06 -0.29 0.00	40.19 -0.36 0.00	41.32 -0.42 0.00	48.41 -0.44 0.00	55.58 -0.62 0.00	63.62 -0.77 0.00	73.47 -0.82 0.00	65.54 -0.80 0.00	57.72 -0.76 0.00	49.96 -0.61 0.00	47.55 -0.48 0.00
WOODMERE_69_KV_BK1 55827	57.03 3.58 -0.02	53.47 3.12 -0.02	51.59 2.97 0.00	49.14 2.56 0.00	53.07 2.77 0.00	55.51 3.19 0.00	69.31 4.05 0.00	94.57 5.69 0.00	76.86 4.56 0.00	61.70 4.30 -0.02	53.47 3.73 -0.02	48.72 3.48 -0.02	45.78 3.31 -0.02	44.64 3.27 -0.02	43.77 3.20 -0.02	45.05 3.30 -0.02	58.15 3.91 -5.39	65.66 4.89 -4.57	69.34 4.83 -0.12	79.88 5.57 -0.02	72.43 5.04 -1.05	63.06 4.56 -0.02	60.14 3.84 -5.74	51.36 3.31 -0.02
YORK___WARBASSE 23770	56.32 2.89 0.00	52.75 2.42 0.00	50.86 2.24 0.00	48.48 1.91 0.00	52.32 2.01 0.00	54.41 2.09 0.00	67.54 2.28 0.00	93.24 4.36 0.00	75.49 3.18 0.00	60.76 3.39 0.00	52.96 3.23 0.00	48.29 3.07 0.00	45.34 2.89 0.00	44.21 2.85 0.00	43.31 2.76 0.00	44.62 2.88 0.00	52.37 3.52 0.00	60.47 4.27 0.00	67.80 3.41 0.00	78.30 4.01 0.00	69.99 3.65 0.00	62.40 3.92 0.00	53.80 3.24 0.00	50.81 2.79 0.00