

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/20/2026

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	47.56 1.74 0.00	43.62 1.56 0.00	40.81 1.27 0.00	40.85 1.19 0.00	42.01 1.14 0.00	45.29 1.53 0.00	55.57 2.24 0.00	69.93 3.08 0.00	58.19 2.81 -0.19	49.89 2.84 -1.93	40.96 2.46 0.00	39.04 2.35 0.00	38.66 2.43 0.00	39.72 2.42 0.00	40.77 2.49 0.00	41.29 2.59 0.00	47.14 2.84 -1.19	53.17 2.92 -2.35	59.01 3.01 -2.30	64.17 3.27 -1.40	56.93 2.69 -0.43	50.15 2.47 -0.16	46.33 2.33 0.00	41.12 1.88 0.00
74TH STREET_GT_1 24260	47.56 1.74 0.00	43.62 1.56 0.00	40.81 1.27 0.00	40.85 1.19 0.00	42.01 1.14 0.00	45.29 1.53 0.00	55.52 2.19 0.00	69.86 3.01 0.00	58.13 2.76 -0.19	49.84 2.80 -1.92	40.92 2.43 0.00	39.01 2.31 0.00	38.62 2.39 0.00	39.68 2.39 0.00	40.77 2.49 0.00	41.25 2.55 0.00	47.10 2.80 -1.19	53.12 2.87 -2.35	58.95 2.95 -2.29	64.11 3.21 -1.40	56.88 2.64 -0.43	50.15 2.47 -0.16	46.33 2.33 0.00	41.12 1.88 0.00
74TH STREET_GT_2 24261	47.56 1.74 0.00	43.62 1.56 0.00	40.81 1.27 0.00	40.85 1.19 0.00	42.01 1.14 0.00	45.29 1.53 0.00	55.52 2.19 0.00	69.86 3.01 0.00	58.13 2.76 -0.19	49.84 2.80 -1.92	40.92 2.43 0.00	39.01 2.31 0.00	38.62 2.39 0.00	39.68 2.39 0.00	40.77 2.49 0.00	41.25 2.55 0.00	47.10 2.80 -1.19	53.12 2.87 -2.35	58.95 2.95 -2.29	64.11 3.21 -1.40	56.88 2.64 -0.43	50.15 2.47 -0.16	46.33 2.33 0.00	41.12 1.88 0.00
ADK HUDSON__FALLS 24011	46.73 0.92 0.00	42.91 0.84 0.00	40.38 0.83 0.00	40.53 0.87 0.00	41.69 0.82 0.00	44.85 1.09 0.00	54.98 1.65 0.00	69.06 2.21 0.00	56.81 1.60 -0.03	46.26 0.81 -0.32	38.96 0.46 0.00	36.99 0.29 0.00	36.59 0.36 0.00	37.78 0.48 0.00	38.89 0.61 0.00	39.47 0.77 0.00	44.30 0.99 -0.20	49.73 1.44 -0.40	55.81 1.72 -0.39	61.57 1.84 -0.24	55.45 1.56 -0.07	48.83 1.28 -0.03	45.19 1.19 0.00	39.98 0.75 0.00
ADK RESOURCE__RCVRY 23798	46.73 0.92 0.00	42.91 0.84 0.00	40.34 0.79 0.00	40.53 0.87 0.00	41.69 0.82 0.00	44.85 1.09 0.00	55.04 1.71 0.00	69.13 2.27 0.00	56.75 1.54 -0.03	46.16 0.72 -0.32	38.84 0.35 0.00	36.80 0.11 0.00	36.49 0.26 0.00	37.70 0.41 0.00	38.82 0.54 0.00	39.43 0.73 0.00	44.25 0.95 -0.20	49.68 1.39 -0.39	55.86 1.77 -0.38	61.58 1.85 -0.23	55.50 1.61 -0.07	48.83 1.28 -0.03	45.19 1.19 0.00	39.94 0.71 0.00
ADK S GLENS__FALLS 24028	46.73 0.92 0.00	42.91 0.84 0.00	40.38 0.83 0.00	40.53 0.87 0.00	41.69 0.82 0.00	44.85 1.09 0.00	54.98 1.65 0.00	69.06 2.21 0.00	56.81 1.60 -0.03	46.26 0.81 -0.32	38.96 0.46 0.00	36.99 0.29 0.00	36.59 0.36 0.00	37.78 0.48 0.00	38.89 0.61 0.00	39.47 0.77 0.00	44.30 0.99 -0.20	49.73 1.44 -0.40	55.81 1.72 -0.39	61.57 1.84 -0.24	55.45 1.56 -0.07	48.83 1.28 -0.03	45.19 1.19 0.00	39.98 0.75 0.00
ADK_NYS__DAM 23527	46.50 0.69 0.00	42.91 0.84 0.00	40.42 0.87 0.00	40.49 0.83 0.00	41.69 0.82 0.00	44.89 1.14 0.00	55.04 1.71 0.00	68.93 2.07 0.00	57.04 1.82 -0.04	46.41 0.90 -0.39	39.34 0.85 0.00	37.36 0.66 0.00	36.96 0.72 0.00	37.93 0.63 0.00	38.89 0.61 0.00	39.47 0.77 0.00	44.38 1.03 -0.24	49.76 1.39 -0.47	55.78 1.61 -0.46	61.50 1.73 -0.28	55.46 1.56 -0.09	48.78 1.23 -0.03	45.10 1.10 0.00	39.90 0.67 0.00
AIR_PRODUCTS__DRP 24190	45.77 -0.05 0.00	42.15 0.08 0.00	39.71 0.16 0.00	39.82 0.16 0.00	40.87 0.00 0.00	43.93 0.18 0.00	53.60 0.27 0.00	67.19 0.33 0.00	55.71 0.50 -0.04	45.71 0.23 -0.37	38.73 0.23 0.00	36.91 0.22 0.00	36.45 0.22 0.00	37.52 0.22 0.00	38.51 0.23 0.00	39.01 0.31 0.00	43.81 0.47 -0.23	48.87 0.53 -0.45	54.63 0.48 -0.44	60.24 0.48 -0.27	54.22 0.32 -0.08	47.83 0.29 -0.03	44.39 0.40 0.00	39.43 0.20 0.00
AKWESSNE_115KV_BK 355683	46.00 0.18 0.00	42.28 0.21 0.00	39.78 0.24 0.00	40.02 0.36 0.00	41.44 0.57 0.00	44.15 0.39 0.00	53.33 0.00 0.00	66.72 -0.13 0.00	54.90 -0.28 0.00	45.16 0.05 0.00	38.61 0.12 0.00	36.80 0.11 0.00	36.34 0.11 0.00	37.41 0.11 0.00	38.32 0.04 0.00	38.81 0.12 0.00	43.11 0.00 0.00	47.95 0.05 0.00	53.22 -0.48 0.00	58.90 -0.59 0.00	53.38 -0.43 0.00	47.76 0.24 0.00	44.26 0.26 0.00	39.66 0.43 0.00
ALBANY_1_SOLAR 323833	46.91 1.10 0.00	43.16 1.09 0.00	40.57 1.03 0.00	40.73 1.07 0.00	41.85 0.98 0.00	44.89 1.14 0.00	54.88 1.55 0.00	68.59 1.74 0.00	56.64 1.43 -0.03	46.19 0.77 -0.30	38.99 0.50 0.00	37.06 0.37 0.00	36.70 0.47 0.00	37.85 0.56 0.00	38.89 0.61 0.00	39.43 0.73 0.00	44.33 1.03 -0.19	49.61 1.34 -0.37	55.68 1.61 -0.36	61.44 1.73 -0.22	55.23 1.35 -0.07	48.68 1.14 -0.03	45.14 1.14 0.00	40.14 0.90 0.00
ALBANY_2_SOLAR 323834	46.91 1.10 0.00	43.16 1.09 0.00	40.57 1.03 0.00	40.69 1.03 0.00	41.85 0.98 0.00	44.89 1.14 0.00	54.88 1.55 0.00	68.59 1.74 0.00	56.64 1.43 -0.03	46.19 0.77 -0.31	38.99 0.50 0.00	37.06 0.37 0.00	36.70 0.47 0.00	37.85 0.56 0.00	38.89 0.61 0.00	39.43 0.73 0.00	44.33 1.03 -0.19	49.61 1.34 -0.37	55.63 1.56 -0.36	61.44 1.73 -0.22	55.23 1.35 -0.07	48.68 1.14 -0.03	45.14 1.14 0.00	40.14 0.90 0.00
ALBANY__1 23571	45.77 -0.05 0.00	42.15 0.08 0.00	39.71 0.16 0.00	39.82 0.16 0.00	40.87 0.00 0.00	43.93 0.18 0.00	53.60 0.27 0.00	67.19 0.33 0.00	55.71 0.50 -0.04	45.71 0.23 -0.37	38.73 0.23 0.00	36.91 0.22 0.00	36.45 0.22 0.00	37.52 0.22 0.00	38.51 0.23 0.00	39.01 0.31 0.00	43.81 0.47 -0.23	48.87 0.53 -0.45	54.63 0.48 -0.44	60.24 0.48 -0.27	54.22 0.32 -0.08	47.83 0.29 -0.03	44.39 0.40 0.00	39.43 0.20 0.00

ALBANY__2 23572	45.77 -0.05 0.00	42.15 0.08 0.00	39.71 0.16 0.00	39.82 0.16 0.00	40.87 0.00 0.00	43.93 0.18 0.00	53.60 0.27 0.00	67.19 0.33 0.00	55.71 0.50 -0.04	45.71 0.23 -0.37	38.73 0.23 0.00	36.91 0.22 0.00	36.45 0.22 0.00	37.52 0.22 0.00	38.51 0.23 0.00	39.01 0.31 0.00	43.81 0.47 -0.23	48.87 0.53 -0.45	54.63 0.48 -0.44	60.24 0.48 -0.27	54.22 0.32 -0.08	47.83 0.29 -0.03	44.39 0.40 0.00	39.43 0.20 0.00
ALBANY__3 23573	45.77 -0.05 0.00	42.15 0.08 0.00	39.71 0.16 0.00	39.82 0.16 0.00	40.87 0.00 0.00	43.93 0.18 0.00	53.60 0.27 0.00	67.19 0.33 0.00	55.71 0.50 -0.04	45.71 0.23 -0.37	38.73 0.23 0.00	36.91 0.22 0.00	36.45 0.22 0.00	37.52 0.22 0.00	38.51 0.23 0.00	39.01 0.31 0.00	43.81 0.47 -0.23	48.87 0.53 -0.45	54.63 0.48 -0.44	60.24 0.48 -0.27	54.22 0.32 -0.08	47.83 0.29 -0.03	44.39 0.40 0.00	39.43 0.20 0.00
ALBANY__4 23574	45.77 -0.05 0.00	42.15 0.08 0.00	39.71 0.16 0.00	39.82 0.16 0.00	40.87 0.00 0.00	43.93 0.18 0.00	53.60 0.27 0.00	67.19 0.33 0.00	55.71 0.50 -0.04	45.71 0.23 -0.37	38.73 0.23 0.00	36.91 0.22 0.00	36.45 0.22 0.00	37.52 0.22 0.00	38.51 0.23 0.00	39.01 0.31 0.00	43.81 0.47 -0.23	48.87 0.53 -0.45	54.63 0.48 -0.44	60.24 0.48 -0.27	54.22 0.32 -0.08	47.83 0.29 -0.03	44.39 0.40 0.00	39.43 0.20 0.00
ALBANY__LFGE 323615	46.18 0.36 0.00	42.53 0.46 0.00	40.02 0.48 0.00	40.14 0.48 0.00	41.24 0.37 0.00	44.28 0.53 0.00	54.08 0.75 0.00	67.86 1.00 0.00	56.26 1.05 -0.04	46.07 0.59 -0.37	39.03 0.54 0.00	37.10 0.40 0.00	36.74 0.51 0.00	37.82 0.52 0.00	38.82 0.54 0.00	39.35 0.66 0.00	44.15 0.82 -0.23	49.31 0.96 -0.45	55.16 1.02 -0.44	60.77 1.01 -0.27	54.70 0.81 -0.08	48.21 0.66 -0.03	44.70 0.70 0.00	39.71 0.47 0.00
ALCOA_PA_115KV_PL-6C 55860	46.27 0.46 0.00	42.49 0.42 0.00	39.98 0.44 0.00	40.26 0.60 0.00	41.69 0.82 0.00	44.41 0.66 0.00	53.92 0.59 0.00	67.45 0.60 0.00	55.40 0.22 0.00	45.30 0.18 0.00	38.73 0.23 0.00	36.99 0.29 0.00	36.45 0.22 0.00	37.52 0.23 0.00	38.47 0.19 0.00	38.97 0.27 0.00	43.24 0.13 0.00	48.14 0.24 0.00	53.38 -0.32 0.00	59.49 0.00 0.00	53.87 0.05 0.00	48.09 0.57 0.00	44.44 0.44 0.00	39.86 0.63 0.00
ALCOA_RYNLDS__DRP 24188	46.27 0.46 0.00	42.49 0.42 0.00	39.98 0.44 0.00	40.26 0.59 0.00	41.69 0.82 0.00	44.41 0.66 0.00	53.92 0.59 0.00	67.45 0.60 0.00	55.40 0.22 0.00	45.30 0.18 0.00	38.73 0.23 0.00	36.91 0.22 0.00	36.45 0.22 0.00	37.52 0.22 0.00	38.47 0.19 0.00	38.97 0.27 0.00	43.24 0.13 0.00	48.14 0.24 0.00	53.60 0.00 0.00	59.49 0.00 0.00	53.87 0.05 0.00	47.99 0.48 0.00	44.44 0.44 0.00	39.86 0.63 0.00
ALCOA__DSASP 323711	46.27 0.46 0.00	42.49 0.42 0.00	39.98 0.44 0.00	40.26 0.59 0.00	41.69 0.82 0.00	44.41 0.66 0.00	53.92 0.59 0.00	67.45 0.60 0.00	55.40 0.22 0.00	45.30 0.18 0.00	38.73 0.23 0.00	36.91 0.22 0.00	36.45 0.22 0.00	37.52 0.22 0.00	38.47 0.19 0.00	38.97 0.27 0.00	43.24 0.13 0.00	48.14 0.24 0.00	53.60 -0.11 0.00	59.49 0.00 0.00	53.87 0.05 0.00	47.99 0.48 0.00	44.44 0.44 0.00	39.86 0.63 0.00
ALLEGHENY__COGEN 23514	47.15 1.33 0.00	43.08 1.01 0.00	40.46 0.91 0.00	40.61 0.95 0.00	41.93 1.06 0.00	44.63 0.87 0.00	53.81 0.48 0.00	66.96 0.13 0.03	54.13 -0.99 0.05	43.90 -0.95 0.27	37.38 -1.12 0.00	36.17 -1.29 -0.76	34.61 -1.59 0.03	35.48 -1.79 0.03	47.19 -1.84 -10.75	51.08 -1.78 -14.17	50.99 -1.59 -9.47	45.99 -1.53 0.37	53.01 -0.37 0.32	59.66 0.36 0.19	54.51 0.75 0.06	47.55 0.05 0.02	44.04 0.04 0.00	39.51 0.28 0.00
ALTMONT_115KV_TB 2 55880	46.27 0.46 0.00	42.57 0.50 0.00	40.02 0.47 0.00	40.10 0.44 0.00	41.28 0.41 0.00	44.28 0.53 0.00	54.13 0.80 0.00	67.85 1.00 0.00	56.10 0.88 -0.04	46.06 0.59 -0.35	39.00 0.50 0.00	37.21 0.51 0.00	36.77 0.54 0.00	37.85 0.56 0.00	38.85 0.57 0.00	39.32 0.62 0.00	44.06 0.73 -0.22	49.19 0.86 -0.43	55.04 0.91 -0.42	60.70 0.95 -0.26	54.70 0.81 -0.08	48.26 0.71 -0.03	44.70 0.70 0.00	39.70 0.47 0.00
ALTONA_WT_PWR 323606	46.87 1.05 0.00	43.08 1.01 0.00	40.65 1.11 0.00	41.01 1.35 0.00	42.55 1.68 0.00	45.42 1.66 0.00	55.30 1.97 0.00	69.25 2.40 0.00	56.94 1.77 0.00	46.47 1.35 0.00	39.69 1.19 0.00	37.87 1.17 0.00	37.32 1.09 0.00	38.41 1.12 0.00	39.31 1.03 0.00	39.86 1.16 0.00	43.45 0.34 0.00	48.33 0.43 0.00	53.70 0.00 0.00	59.79 0.30 0.00	54.19 0.38 0.00	48.33 0.81 0.00	44.61 0.62 0.00	39.98 0.74 0.00
AMERICAN_REF_FUEL 24010	42.38 -3.44 0.00	38.70 -3.37 0.00	36.42 -3.13 0.00	36.49 -3.17 0.00	37.44 -3.43 0.00	39.25 -4.51 0.00	46.24 -7.09 0.00	57.07 -9.76 0.02	47.19 -7.94 0.04	39.19 -5.69 0.25	33.61 -4.89 0.00	31.62 -4.84 0.23	31.21 -5.00 0.02	31.98 -5.30 0.02	30.58 -4.79 2.91	30.08 -4.84 3.78	34.73 -5.65 2.73	40.58 -6.90 0.42	45.84 -7.57 0.29	51.58 -7.73 0.18	47.08 -6.67 0.05	40.90 -6.60 0.02	38.10 -5.89 0.00	34.84 -4.39 0.00
ARKWRIGHT__SUMMIT_WT_PWR 323751	44.35 -1.47 0.00	40.38 -1.68 0.00	37.77 -1.78 0.00	37.56 -2.10 0.00	38.30 -2.57 0.00	40.21 -3.54 0.00	47.62 -5.71 0.00	59.01 -7.82 0.02	48.17 -6.95 0.05	39.57 -5.28 0.28	33.80 -4.70 0.00	31.69 -4.77 0.23	31.42 -4.78 0.02	32.31 -4.96 0.02	30.42 -4.98 2.88	29.67 -5.30 3.73	34.45 -5.95 2.71	40.89 -6.56 0.44	47.20 -6.17 0.33	53.52 -5.77 0.20	49.02 -4.74 0.06	42.75 -4.75 0.02	39.82 -4.18 0.00	36.33 -2.90 0.00
ARTHUR KILL_GT_1 23520	47.89 2.06 -0.01	43.93 1.85 -0.01	41.05 1.50 0.00	41.05 1.39 0.00	42.18 1.31 0.00	45.46 1.71 0.00	54.17 1.33 0.50	66.20 1.80 2.46	55.05 1.82 1.95	49.79 2.75 -1.92	40.96 2.46 0.00	39.01 2.31 0.00	38.69 2.46 0.00	39.75 2.46 0.00	40.84 2.56 0.00	41.37 2.67 0.00	47.14 2.84 -1.19	52.88 2.63 -2.35	56.16 2.26 -0.20	62.17 2.38 -0.30	56.02 1.99 -0.22	50.20 2.52 -0.16	46.42 2.42 0.00	41.40 2.16 -0.01
ARTHUR_KILL_2 23512	47.75 1.92 -0.01	43.80 1.73 -0.01	40.93 1.38 0.00	40.89 1.23 0.00	42.10 1.22 0.00	45.33 1.57 0.00	54.06 1.23 0.50	66.00 1.60 2.46	54.94 1.71 1.95	49.66 2.62 -1.92	40.84 2.35 0.00	38.86 2.16 0.00	38.58 2.35 0.00	39.68 2.39 0.00	40.69 2.41 0.00	41.25 2.55 0.00	47.01 2.72 -1.19	52.78 2.54 -2.35	56.06 2.15 -0.20	62.05 2.26 -0.30	55.86 1.83 -0.22	50.05 2.37 -0.16	46.28 2.29 0.00	41.32 2.08 -0.01
ARTHUR_KILL_3 23513	47.05 1.24 0.00	43.16 1.09 0.00	40.37 0.83 0.01	40.40 0.75 0.01	41.56 0.69 0.01	44.84 1.09 0.01	54.48 1.66 0.50	66.72 2.34 2.47	55.48 2.26 1.96	49.34 2.30 -1.92	40.50 2.00 0.00	38.53 1.83 0.00	38.26 2.03 0.00	39.31 2.01 0.00	40.35 2.07 0.00	40.82 2.13 0.00	46.66 2.37 -1.18	52.68 2.44 -2.34	56.32 2.42 -0.20	62.34 2.56 -0.29	56.12 2.10 -0.21	49.62 1.95 -0.15	45.84 1.85 0.01	40.69 1.45 0.00

ARTHUR_KILL_COGEN 323718	47.89 2.06 -0.01	43.92 1.85 -0.01	41.01 1.46 0.00	41.01 1.35 0.00	42.18 1.31 0.00	45.46 1.70 0.00	54.17 1.33 0.50	66.20 1.81 2.46	55.04 1.82 1.95	49.75 2.71 -1.92	40.92 2.43 0.00	38.93 2.24 0.00	38.70 2.46 0.00	39.75 2.46 0.00	40.81 2.53 0.00	41.36 2.67 0.00	47.14 2.84 -1.19	52.88 2.63 -2.35	56.21 2.31 -0.20	62.23 2.44 -0.30	56.02 1.99 -0.22	50.19 2.52 -0.16	46.42 2.42 0.00	41.40 2.16 -0.01
ASHOKAN____ 23654	47.56 1.74 0.00	43.67 1.60 0.00	40.89 1.35 0.00	41.13 1.47 0.00	42.26 1.39 0.00	45.25 1.49 0.00	55.52 2.19 0.00	68.72 1.87 0.00	58.27 3.09 0.00	46.93 1.81 0.00	38.53 0.04 0.00	36.73 0.04 0.00	36.38 0.15 0.00	37.44 0.15 0.00	38.55 0.27 0.00	39.16 0.47 0.00	45.22 2.11 0.00	50.48 2.58 0.00	56.98 3.28 0.00	63.18 3.69 0.00	55.00 1.18 0.00	48.61 1.09 0.00	45.10 1.10 0.00	40.37 1.14 0.00
ASTORIA_EAST_ENERGY_CC1 323581	47.38 1.56 -0.01	43.51 1.43 -0.01	40.73 1.19 0.00	40.69 1.03 0.00	41.89 1.02 0.00	45.07 1.31 0.00	54.98 1.66 0.00	68.92 2.07 0.01	57.51 2.15 -0.19	49.51 2.48 -1.92	40.68 2.19 0.01	38.70 2.02 0.01	38.40 2.17 0.01	39.48 2.20 0.01	40.53 2.26 0.01	41.05 2.36 0.01	46.83 2.54 -1.18	52.77 2.54 -2.34	58.51 2.52 -2.28	63.50 2.61 -1.39	56.39 2.15 -0.42	49.71 2.04 -0.15	46.15 2.16 0.00	41.05 1.81 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	47.38 1.56 -0.01	43.51 1.43 -0.01	40.73 1.19 0.00	40.69 1.03 0.00	41.89 1.02 0.00	45.07 1.31 0.00	54.98 1.66 0.00	68.92 2.07 0.01	57.51 2.15 -0.19	49.51 2.48 -1.92	40.68 2.19 0.01	38.70 2.02 0.01	38.40 2.17 0.01	39.48 2.20 0.01	40.53 2.26 0.01	41.05 2.36 0.01	46.83 2.54 -1.18	52.77 2.54 -2.34	58.51 2.52 -2.28	63.50 2.61 -1.39	56.39 2.15 -0.42	49.71 2.04 -0.15	46.15 2.16 0.00	41.05 1.81 -0.01
ASTORIA_GT2_1 24094	47.43 1.60 -0.01	43.55 1.47 -0.01	40.77 1.23 0.00	40.73 1.07 0.00	41.93 1.06 0.00	45.11 1.36 0.00	54.98 1.65 0.00	68.92 2.07 0.00	57.52 2.15 -0.19	49.57 2.53 -1.92	40.73 2.23 0.00	38.79 2.09 0.00	38.48 2.25 0.00	39.49 2.20 0.00	40.58 2.30 0.00	41.06 2.36 0.00	46.88 2.59 -1.19	52.78 2.54 -2.35	58.47 2.47 -2.29	63.39 2.50 -1.40	56.34 2.10 -0.43	49.82 2.14 -0.16	46.15 2.16 0.00	41.05 1.80 -0.01
ASTORIA_GT2_2 24095	47.43 1.60 -0.01	43.55 1.47 -0.01	40.77 1.23 0.00	40.73 1.07 0.00	41.93 1.06 0.00	45.11 1.36 0.00	54.98 1.65 0.00	68.92 2.07 0.00	57.52 2.15 -0.19	49.57 2.53 -1.92	40.73 2.23 0.00	38.79 2.09 0.00	38.48 2.25 0.00	39.49 2.20 0.00	40.58 2.30 0.00	41.06 2.36 0.00	46.88 2.59 -1.19	52.78 2.54 -2.35	58.47 2.47 -2.29	63.39 2.50 -1.40	56.34 2.10 -0.43	49.82 2.14 -0.16	46.15 2.16 0.00	41.05 1.80 -0.01
ASTORIA_GT2_3 24096	47.43 1.60 -0.01	43.55 1.47 -0.01	40.77 1.23 0.00	40.73 1.07 0.00	41.93 1.06 0.00	45.11 1.36 0.00	54.98 1.65 0.00	68.92 2.07 0.00	57.52 2.15 -0.19	49.57 2.53 -1.92	40.73 2.23 0.00	38.79 2.09 0.00	38.48 2.25 0.00	39.49 2.20 0.00	40.58 2.30 0.00	41.06 2.36 0.00	46.88 2.59 -1.19	52.78 2.54 -2.35	58.47 2.47 -2.29	63.39 2.50 -1.40	56.34 2.10 -0.43	49.82 2.14 -0.16	46.15 2.16 0.00	41.05 1.80 -0.01
ASTORIA_GT2_4 24097	47.43 1.60 -0.01	43.55 1.47 -0.01	40.77 1.23 0.00	40.73 1.07 0.00	41.93 1.06 0.00	45.11 1.36 0.00	54.98 1.65 0.00	68.92 2.07 0.00	57.52 2.15 -0.19	49.57 2.53 -1.92	40.73 2.23 0.00	38.79 2.09 0.00	38.48 2.25 0.00	39.49 2.20 0.00	40.58 2.30 0.00	41.06 2.36 0.00	46.88 2.59 -1.19	52.78 2.54 -2.35	58.47 2.47 -2.29	63.39 2.50 -1.40	56.34 2.10 -0.43	49.82 2.14 -0.16	46.15 2.16 0.00	41.05 1.80 -0.01
ASTORIA_GT3_1 24098	47.43 1.60 -0.01	43.55 1.47 -0.01	40.77 1.23 0.00	40.73 1.07 0.00	41.93 1.06 0.00	45.11 1.36 0.00	54.98 1.65 0.00	68.92 2.07 0.00	57.52 2.15 -0.19	49.57 2.53 -1.92	40.73 2.23 0.00	38.79 2.09 0.00	38.48 2.25 0.00	39.49 2.20 0.00	40.58 2.30 0.00	41.06 2.36 0.00	46.88 2.59 -1.19	52.78 2.54 -2.35	58.47 2.47 -2.29	63.39 2.50 -1.40	56.34 2.10 -0.43	49.82 2.14 -0.16	46.15 2.16 0.00	41.05 1.80 -0.01
ASTORIA_GT3_2 24099	47.43 1.60 -0.01	43.55 1.47 -0.01	40.77 1.23 0.00	40.73 1.07 0.00	41.93 1.06 0.00	45.11 1.36 0.00	54.98 1.65 0.00	68.92 2.07 0.00	57.52 2.15 -0.19	49.57 2.53 -1.92	40.73 2.23 0.00	38.79 2.09 0.00	38.48 2.25 0.00	39.49 2.20 0.00	40.58 2.30 0.00	41.06 2.36 0.00	46.88 2.59 -1.19	52.78 2.54 -2.35	58.47 2.47 -2.29	63.39 2.50 -1.40	56.34 2.10 -0.43	49.82 2.14 -0.16	46.15 2.16 0.00	41.05 1.80 -0.01
ASTORIA_GT3_3 24100	47.43 1.60 -0.01	43.55 1.47 -0.01	40.77 1.23 0.00	40.73 1.07 0.00	41.93 1.06 0.00	45.11 1.36 0.00	54.98 1.65 0.00	68.92 2.07 0.00	57.52 2.15 -0.19	49.57 2.53 -1.92	40.73 2.23 0.00	38.79 2.09 0.00	38.48 2.25 0.00	39.49 2.20 0.00	40.58 2.30 0.00	41.06 2.36 0.00	46.88 2.59 -1.19	52.78 2.54 -2.35	58.47 2.47 -2.29	63.39 2.50 -1.40	56.34 2.10 -0.43	49.82 2.14 -0.16	46.15 2.16 0.00	41.05 1.80 -0.01
ASTORIA_GT3_4 24101	47.43 1.60 -0.01	43.55 1.47 -0.01	40.77 1.23 0.00	40.73 1.07 0.00	41.93 1.06 0.00	45.11 1.36 0.00	54.98 1.65 0.00	68.92 2.07 0.00	57.52 2.15 -0.19	49.57 2.53 -1.92	40.73 2.23 0.00	38.79 2.09 0.00	38.48 2.25 0.00	39.49 2.20 0.00	40.58 2.30 0.00	41.06 2.36 0.00	46.88 2.59 -1.19	52.78 2.54 -2.35	58.47 2.47 -2.29	63.39 2.50 -1.40	56.34 2.10 -0.43	49.82 2.14 -0.16	46.15 2.16 0.00	41.05 1.80 -0.01
ASTORIA_GT4_1 24102	47.43 1.60 -0.01	43.55 1.47 -0.01	40.77 1.23 0.00	40.73 1.07 0.00	41.93 1.06 0.00	45.11 1.36 0.00	54.98 1.65 0.00	68.92 2.07 0.00	57.52 2.15 -0.19	49.57 2.53 -1.92	40.73 2.23 0.00	38.79 2.09 0.00	38.48 2.25 0.00	39.49 2.20 0.00	40.58 2.30 0.00	41.06 2.36 0.00	46.88 2.59 -1.19	52.78 2.54 -2.35	58.47 2.47 -2.29	63.39 2.50 -1.40	56.34 2.10 -0.43	49.82 2.14 -0.16	46.15 2.16 0.00	41.05 1.80 -0.01
ASTORIA_GT4_2 24103	47.43 1.60 -0.01	43.55 1.47 -0.01	40.77 1.23 0.00	40.73 1.07 0.00	41.93 1.06 0.00	45.11 1.36 0.00	54.98 1.65 0.00	68.92 2.07 0.00	57.52 2.15 -0.19	49.57 2.53 -1.92	40.73 2.23 0.00	38.79 2.09 0.00	38.48 2.25 0.00	39.49 2.20 0.00	40.58 2.30 0.00	41.06 2.36 0.00	46.88 2.59 -1.19	52.78 2.54 -2.35	58.47 2.47 -2.29	63.39 2.50 -1.40	56.34 2.10 -0.43	49.82 2.14 -0.16	46.15 2.16 0.00	41.05 1.80 -0.01
ASTORIA_GT4_3 24104	47.43 1.60 -0.01	43.55 1.47 -0.01	40.77 1.23 0.00	40.73 1.07 0.00	41.93 1.06 0.00	45.11 1.36 0.00	54.98 1.65 0.00	68.92 2.07 0.00	57.52 2.15 -0.19	49.57 2.53 -1.92	40.73 2.23 0.00	38.79 2.09 0.00	38.48 2.25 0.00	39.49 2.20 0.00	40.58 2.30 0.00	41.06 2.36 0.00	46.88 2.59 -1.19	52.78 2.54 -2.35	58.47 2.47 -2.29	63.39 2.50 -1.40	56.34 2.10 -0.43	49.82 2.14 -0.16	46.15 2.16 0.00	41.05 1.80 -0.01

ASTORIA_GT4_4 24105	47.43 1.60 -0.01	43.55 1.47 -0.01	40.77 1.23 0.00	40.73 1.07 0.00	41.93 1.06 0.00	45.11 1.36 0.00	54.98 1.65 0.00	68.92 2.07 0.00	57.52 2.15 -0.19	49.57 2.53 -1.92	40.73 2.23 0.00	38.79 2.09 0.00	38.48 2.25 0.00	39.49 2.20 0.00	40.58 2.30 0.00	41.06 2.36 0.00	46.88 2.59 -1.19	52.78 2.54 -2.35	58.47 2.47 -2.29	63.39 2.50 -1.40	56.34 2.10 -0.43	49.82 2.14 -0.16	46.15 2.16 0.00	41.05 1.80 -0.01
ASTORIA_GT_1 23523	47.52 1.70 -0.01	43.59 1.51 -0.01	40.81 1.27 0.00	40.81 1.15 0.00	41.97 1.10 0.00	45.16 1.40 0.00	55.09 1.76 0.00	69.06 2.21 0.00	57.63 2.26 -0.19	49.66 2.62 -1.92	40.77 2.27 0.00	38.86 2.16 0.00	38.51 2.28 0.00	39.57 2.27 0.00	40.65 2.37 0.00	41.13 2.44 0.00	46.97 2.67 -1.19	52.88 2.63 -2.35	58.57 2.58 -2.29	63.51 2.62 -1.40	56.45 2.21 -0.43	49.86 2.19 -0.16	46.24 2.24 0.00	41.12 1.88 -0.01
ASTORIA_GT_10 24110	47.56 1.74 -0.01	43.67 1.60 -0.01	40.85 1.31 0.00	40.85 1.19 0.00	42.01 1.14 0.00	45.24 1.49 0.00	55.25 1.92 0.00	69.32 2.47 0.00	57.80 2.43 -0.19	49.75 2.71 -1.92	40.84 2.35 0.00	38.93 2.24 0.00	38.59 2.36 0.00	39.64 2.35 0.00	40.69 2.41 0.00	41.21 2.52 0.00	47.01 2.72 -1.19	52.98 2.73 -2.35	58.68 2.69 -2.29	63.69 2.80 -1.40	56.61 2.37 -0.43	50.05 2.38 -0.16	46.29 2.29 0.00	41.12 1.88 -0.01
ASTORIA_GT_11 24225	47.56 1.74 -0.01	43.67 1.60 -0.01	40.85 1.31 0.00	40.85 1.19 0.00	42.01 1.14 0.00	45.24 1.49 0.00	55.25 1.92 0.00	69.32 2.47 0.00	57.80 2.43 -0.19	49.75 2.71 -1.92	40.84 2.35 0.00	38.93 2.24 0.00	38.59 2.36 0.00	39.64 2.35 0.00	40.69 2.41 0.00	41.21 2.52 0.00	47.01 2.72 -1.19	52.98 2.73 -2.35	58.68 2.69 -2.29	63.69 2.80 -1.40	56.61 2.37 -0.43	50.05 2.38 -0.16	46.29 2.29 0.00	41.12 1.88 -0.01
ASTORIA_GT_12 24226	47.56 1.74 -0.01	43.67 1.60 -0.01	40.85 1.31 0.00	40.85 1.19 0.00	42.01 1.14 0.00	45.24 1.49 0.00	55.25 1.92 0.00	69.32 2.47 0.00	57.80 2.43 -0.19	49.75 2.71 -1.92	40.84 2.35 0.00	38.93 2.24 0.00	38.59 2.36 0.00	39.64 2.35 0.00	40.69 2.41 0.00	41.21 2.52 0.00	47.01 2.72 -1.19	52.98 2.73 -2.35	58.68 2.69 -2.29	63.69 2.80 -1.40	56.61 2.37 -0.43	50.05 2.38 -0.16	46.29 2.29 0.00	41.12 1.88 -0.01
ASTORIA_GT_13 24227	47.56 1.74 -0.01	43.67 1.60 -0.01	40.85 1.31 0.00	40.85 1.19 0.00	42.01 1.14 0.00	45.24 1.49 0.00	55.25 1.92 0.00	69.32 2.47 0.00	57.80 2.43 -0.19	49.75 2.71 -1.92	40.84 2.35 0.00	38.93 2.24 0.00	38.59 2.36 0.00	39.64 2.35 0.00	40.69 2.41 0.00	41.21 2.52 0.00	47.01 2.72 -1.19	52.98 2.73 -2.35	58.68 2.69 -2.29	63.69 2.80 -1.40	56.61 2.37 -0.43	50.05 2.38 -0.16	46.29 2.29 0.00	41.12 1.88 -0.01
ASTORIA_GT_5 24106	47.52 1.70 -0.01	43.59 1.51 -0.01	40.81 1.27 0.00	40.81 1.15 0.00	41.97 1.10 0.00	45.16 1.40 0.00	55.09 1.76 0.00	69.06 2.21 0.00	57.63 2.26 -0.19	49.66 2.62 -1.92	40.77 2.27 0.00	38.86 2.16 0.00	38.51 2.28 0.00	39.57 2.27 0.00	40.65 2.37 0.00	41.13 2.44 0.00	46.97 2.67 -1.19	52.88 2.63 -2.35	58.57 2.58 -2.29	63.51 2.62 -1.40	56.45 2.21 -0.43	49.86 2.19 -0.16	46.24 2.24 0.00	41.12 1.88 -0.01
ASTORIA_GT_7 24107	47.52 1.70 -0.01	43.59 1.51 -0.01	40.81 1.27 0.00	40.81 1.15 0.00	41.97 1.10 0.00	45.16 1.40 0.00	55.09 1.76 0.00	69.06 2.21 0.00	57.63 2.26 -0.19	49.66 2.62 -1.92	40.77 2.27 0.00	38.86 2.16 0.00	38.51 2.28 0.00	39.57 2.27 0.00	40.65 2.37 0.00	41.13 2.44 0.00	46.97 2.67 -1.19	52.88 2.63 -2.35	58.57 2.58 -2.29	63.51 2.62 -1.40	56.45 2.21 -0.43	49.86 2.19 -0.16	46.24 2.24 0.00	41.12 1.88 -0.01
ASTORIA_GT_8 24108	47.52 1.70 -0.01	43.59 1.51 -0.01	40.81 1.27 0.00	40.81 1.15 0.00	41.97 1.10 0.00	45.16 1.40 0.00	55.09 1.76 0.00	69.06 2.21 0.00	57.63 2.26 -0.19	49.66 2.62 -1.92	40.77 2.27 0.00	38.86 2.16 0.00	38.51 2.28 0.00	39.57 2.27 0.00	40.65 2.37 0.00	41.13 2.44 0.00	46.97 2.67 -1.19	52.88 2.63 -2.35	58.57 2.58 -2.29	63.51 2.62 -1.40	56.45 2.21 -0.43	49.86 2.19 -0.16	46.24 2.24 0.00	41.12 1.88 -0.01
ASTORIA___2 24149	47.43 1.60 -0.01	43.55 1.47 -0.01	40.73 1.19 0.00	40.73 1.07 0.00	41.93 1.06 0.00	45.07 1.31 0.00	54.98 1.66 0.00	68.98 2.14 0.01	57.57 2.21 -0.19	49.51 2.48 -1.92	40.68 2.19 0.01	38.70 2.02 0.01	38.43 2.21 0.01	39.48 2.20 0.01	40.53 2.26 0.01	41.05 2.36 0.01	46.87 2.59 -1.18	52.82 2.58 -2.34	58.51 2.52 -2.28	63.50 2.61 -1.39	56.39 2.15 -0.42	49.76 2.09 -0.15	46.15 2.16 0.00	41.05 1.81 -0.01
ASTORIA___3 23516	47.56 1.74 -0.01	43.67 1.60 -0.01	40.81 1.27 0.00	40.85 1.19 0.00	42.01 1.14 0.00	45.25 1.49 0.00	55.20 1.87 0.00	69.33 2.47 0.00	57.86 2.49 -0.19	49.75 2.71 -1.92	40.84 2.35 0.00	38.86 2.16 0.00	38.58 2.35 0.00	39.64 2.35 0.00	40.69 2.41 0.00	41.21 2.51 0.00	47.01 2.72 -1.19	52.97 2.73 -2.35	58.73 2.74 -2.29	63.75 2.86 -1.40	56.61 2.37 -0.43	50.01 2.33 -0.16	46.28 2.29 0.00	41.12 1.88 -0.01
ASTORIA___4 23517	47.56 1.74 -0.01	43.67 1.60 -0.01	40.85 1.31 0.00	40.85 1.19 0.00	42.01 1.14 0.00	45.24 1.49 0.00	55.20 1.87 0.00	69.32 2.47 0.00	57.80 2.43 -0.19	49.75 2.71 -1.92	40.84 2.35 0.00	38.93 2.24 0.00	38.59 2.36 0.00	39.64 2.35 0.00	40.69 2.41 0.00	41.21 2.52 0.00	47.01 2.72 -1.19	52.98 2.73 -2.35	58.68 2.69 -2.29	63.69 2.80 -1.40	56.61 2.37 -0.43	50.05 2.38 -0.16	46.29 2.29 0.00	41.12 1.88 -0.01
ASTORIA___5 23518	47.56 1.74 -0.01	43.67 1.60 -0.01	40.81 1.27 0.00	40.85 1.19 0.00	42.01 1.14 0.00	45.25 1.49 0.00	55.25 1.92 0.00	69.33 2.47 0.00	57.86 2.49 -0.19	49.75 2.71 -1.92	40.84 2.35 0.00	38.86 2.16 0.00	38.58 2.35 0.00	39.64 2.35 0.00	40.69 2.41 0.00	41.21 2.51 0.00	47.01 2.72 -1.19	52.97 2.73 -2.35	58.73 2.74 -2.29	63.75 2.86 -1.40	56.61 2.37 -0.43	50.01 2.33 -0.16	46.28 2.29 0.00	41.12 1.88 -0.01
AST_ENERGY_2_CC3 323677	47.15 1.33 0.00	43.29 1.22 0.00	40.49 0.95 0.00	40.53 0.87 0.00	41.69 0.82 0.00	44.94 1.18 0.00	55.09 1.76 0.00	69.33 2.47 0.00	57.69 2.32 -0.19	49.43 2.39 -1.92	40.57 2.08 0.00	38.60 1.91 0.00	38.30 2.06 0.00	39.38 2.09 0.00	40.38 2.10 0.00	40.90 2.20 0.00	46.71 2.41 -1.19	52.78 2.54 -2.35	58.58 2.58 -2.29	63.63 2.74 -1.40	56.45 2.21 -0.43	49.72 2.04 -0.16	45.93 1.93 0.00	40.80 1.57 0.00
AST_ENERGY_2_CC4 323678	47.15 1.33 0.00	43.29 1.22 0.00	40.49 0.95 0.00	40.53 0.87 0.00	41.69 0.82 0.00	44.94 1.18 0.00	55.09 1.76 0.00	69.33 2.47 0.00	57.69 2.32 -0.19	49.43 2.39 -1.92	40.57 2.08 0.00	38.60 1.91 0.00	38.30 2.06 0.00	39.38 2.09 0.00	40.38 2.10 0.00	40.90 2.20 0.00	46.71 2.41 -1.19	52.78 2.54 -2.35	58.58 2.58 -2.29	63.63 2.74 -1.40	56.45 2.21 -0.43	49.72 2.04 -0.16	45.93 1.93 0.00	40.80 1.57 0.00

ATHENS_STG_1 23668	46.50 0.69 0.00	42.74 0.67 0.00	40.10 0.55 0.00	40.17 0.51 0.00	41.32 0.45 0.00	44.41 0.66 0.00	54.34 1.01 0.00	68.19 1.34 0.00	56.50 1.27 -0.06	46.75 1.08 -0.55	39.42 0.92 0.00	37.57 0.88 0.00	37.21 0.98 0.00	38.30 1.01 0.00	39.31 1.03 0.00	39.70 1.00 0.00	44.61 1.16 -0.34	49.86 1.29 -0.67	55.70 1.34 -0.66	61.32 1.43 -0.40	55.12 1.18 -0.12	48.56 1.00 -0.05	45.01 1.01 0.00	39.98 0.74 0.00
ATHENS_STG_2 23670	46.50 0.69 0.00	42.74 0.67 0.00	40.10 0.55 0.00	40.17 0.51 0.00	41.32 0.45 0.00	44.41 0.66 0.00	54.34 1.01 0.00	68.19 1.34 0.00	56.50 1.27 -0.06	46.75 1.08 -0.55	39.42 0.92 0.00	37.57 0.88 0.00	37.21 0.98 0.00	38.30 1.01 0.00	39.31 1.03 0.00	39.70 1.00 0.00	44.61 1.16 -0.34	49.86 1.29 -0.67	55.70 1.34 -0.66	61.32 1.43 -0.40	55.12 1.18 -0.12	48.56 1.00 -0.05	45.01 1.01 0.00	39.98 0.74 0.00
ATHENS_STG_3 23677	46.50 0.69 0.00	42.74 0.67 0.00	40.10 0.55 0.00	40.17 0.51 0.00	41.32 0.45 0.00	44.41 0.66 0.00	54.34 1.01 0.00	68.19 1.34 0.00	56.50 1.27 -0.06	46.75 1.08 -0.55	39.42 0.92 0.00	37.57 0.88 0.00	37.21 0.98 0.00	38.30 1.01 0.00	39.31 1.03 0.00	39.70 1.00 0.00	44.61 1.16 -0.34	49.86 1.29 -0.67	55.70 1.34 -0.66	61.32 1.43 -0.40	55.12 1.18 -0.12	48.56 1.00 -0.05	45.01 1.01 0.00	39.98 0.74 0.00
AUBURN___LFGE 323710	46.18 0.37 0.00	42.28 0.21 0.00	39.71 0.16 0.00	39.78 0.12 0.00	41.12 0.25 0.00	43.98 0.22 0.00	53.54 0.21 0.00	67.12 0.27 -0.01	55.35 0.17 -0.01	45.21 0.09 0.00	38.57 0.08 0.00	36.70 0.00 -0.01	36.24 0.00 -0.01	37.30 0.00 -0.01	38.21 -0.08 -0.01	38.62 -0.08 0.00	43.02 -0.09 0.00	47.71 -0.19 0.00	53.81 0.11 0.00	59.73 0.24 0.00	54.08 0.27 0.00	47.61 0.10 0.00	44.04 0.04 0.00	39.27 0.04 0.00
BABYLON_RES_REC 323704	47.74 1.92 0.00	43.71 1.64 0.00	40.77 1.23 0.00	40.77 1.11 0.00	41.93 1.06 0.00	45.25 1.49 0.00	55.30 1.97 0.00	69.86 3.01 0.00	57.97 2.59 -0.19	49.97 2.93 -1.92	41.28 2.77 -0.01	39.19 2.50 0.00	38.92 2.68 -0.01	39.94 2.65 0.00	40.77 2.49 0.00	41.36 2.67 0.00	47.41 3.11 -1.19	53.54 3.30 -2.34	59.65 3.65 -2.30	64.95 4.05 -1.40	57.70 3.45 -0.44	50.63 2.95 -0.17	46.91 2.90 -0.01	41.63 2.39 0.00
BALL_HILL_WT_PWR 323825	43.89 -1.92 0.00	40.05 -2.02 0.00	37.61 -1.94 0.00	37.56 -2.10 0.00	38.50 -2.37 0.00	40.52 -3.24 0.00	48.05 -5.28 0.00	59.54 -7.28 0.02	48.84 -6.29 0.05	40.25 -4.60 0.27	34.49 -4.00 0.00	32.33 -4.07 0.29	32.11 -4.09 0.02	33.02 -4.25 0.02	30.41 -4.17 3.70	29.28 -4.61 4.81	34.41 -5.26 3.44	41.47 -5.99 0.44	47.53 -5.85 0.32	53.53 -5.77 0.19	48.91 -4.84 0.06	42.55 -4.94 0.02	39.64 -4.36 0.00	36.13 -3.10 0.00
BARON_WINDS___WT_PWR 323822	45.04 -0.78 0.00	41.14 -0.93 0.00	38.64 -0.91 0.00	38.67 -0.99 0.00	39.81 -1.06 0.00	42.22 -1.53 0.00	50.61 -2.72 0.00	63.01 -3.81 0.04	51.74 -3.37 0.07	42.07 -2.71 0.34	36.03 -2.46 0.00	32.68 -2.64 1.38	33.44 -2.76 0.04	34.39 -2.87 0.04	17.07 -2.87 18.34	11.48 -3.21 24.00	23.08 -3.49 16.54	43.47 -3.93 0.50	49.75 -3.55 0.41	55.86 -3.39 0.25	51.00 -2.74 0.08	44.69 -2.80 0.03	41.53 -2.46 0.00	37.55 -1.69 0.00
BARRETT_IC_1 23704	47.33 1.51 0.00	43.41 1.35 0.00	40.62 1.07 0.00	40.65 0.99 0.00	41.77 0.90 0.00	44.89 1.14 0.00	54.93 1.60 0.00	69.33 2.47 0.00	57.58 2.21 -0.19	49.61 2.57 -1.92	40.97 2.47 -0.01	39.01 2.31 0.00	38.74 2.50 -0.01	39.75 2.46 0.00	40.65 2.37 0.00	41.14 2.44 0.00	47.06 2.76 -1.19	53.11 2.87 -2.34	59.06 3.06 -2.30	64.29 3.39 -1.40	57.05 2.80 -0.44	50.16 2.47 -0.17	46.43 2.42 -0.01	41.27 2.04 0.00
BARRETT_IC_10 23701	47.33 1.51 0.00	43.41 1.35 0.00	40.62 1.07 0.00	40.65 0.99 0.00	41.77 0.90 0.00	44.89 1.14 0.00	54.93 1.60 0.00	69.33 2.47 0.00	57.58 2.21 -0.19	49.61 2.57 -1.92	40.97 2.47 -0.01	39.01 2.31 0.00	38.74 2.50 -0.01	39.75 2.46 0.00	40.65 2.37 0.00	41.14 2.44 0.00	47.06 2.76 -1.19	53.11 2.87 -2.34	59.06 3.06 -2.30	64.29 3.39 -1.40	57.05 2.80 -0.44	50.16 2.47 -0.17	46.43 2.42 -0.01	41.27 2.04 0.00
BARRETT_IC_11 23702	47.33 1.51 0.00	43.41 1.35 0.00	40.62 1.07 0.00	40.65 0.99 0.00	41.77 0.90 0.00	44.89 1.14 0.00	54.93 1.60 0.00	69.33 2.47 0.00	57.58 2.21 -0.19	49.61 2.57 -1.92	40.97 2.47 -0.01	39.01 2.31 0.00	38.74 2.50 -0.01	39.75 2.46 0.00	40.65 2.37 0.00	41.14 2.44 0.00	47.06 2.76 -1.19	53.11 2.87 -2.34	59.06 3.06 -2.30	64.29 3.39 -1.40	57.05 2.80 -0.44	50.16 2.47 -0.17	46.43 2.42 -0.01	41.27 2.04 0.00
BARRETT_IC_12 23703	47.33 1.51 0.00	43.41 1.35 0.00	40.62 1.07 0.00	40.65 0.99 0.00	41.77 0.90 0.00	44.89 1.14 0.00	54.93 1.60 0.00	69.33 2.47 0.00	57.58 2.21 -0.19	49.61 2.57 -1.92	40.97 2.47 -0.01	39.01 2.31 0.00	38.74 2.50 -0.01	39.75 2.46 0.00	40.65 2.37 0.00	41.14 2.44 0.00	47.06 2.76 -1.19	53.11 2.87 -2.34	59.06 3.06 -2.30	64.29 3.39 -1.40	57.05 2.80 -0.44	50.16 2.47 -0.17	46.43 2.42 -0.01	41.27 2.04 0.00
BARRETT_IC_2 23705	47.33 1.51 0.00	43.41 1.35 0.00	40.62 1.07 0.00	40.65 0.99 0.00	41.77 0.90 0.00	44.89 1.14 0.00	54.93 1.60 0.00	69.33 2.47 0.00	57.58 2.21 -0.19	49.61 2.57 -1.92	40.97 2.47 -0.01	39.01 2.31 0.00	38.74 2.50 -0.01	39.75 2.46 0.00	40.65 2.37 0.00	41.14 2.44 0.00	47.06 2.76 -1.19	53.11 2.87 -2.34	59.06 3.06 -2.30	64.29 3.39 -1.40	57.05 2.80 -0.44	50.16 2.47 -0.17	46.43 2.42 -0.01	41.27 2.04 0.00
BARRETT_IC_3 23706	47.33 1.51 0.00	43.41 1.35 0.00	40.62 1.07 0.00	40.65 0.99 0.00	41.77 0.90 0.00	44.89 1.14 0.00	54.93 1.60 0.00	69.33 2.47 0.00	57.58 2.21 -0.19	49.61 2.57 -1.92	40.97 2.47 -0.01	39.01 2.31 0.00	38.74 2.50 -0.01	39.75 2.46 0.00	40.65 2.37 0.00	41.14 2.44 0.00	47.06 2.76 -1.19	53.11 2.87 -2.34	59.06 3.06 -2.30	64.29 3.39 -1.40	57.05 2.80 -0.44	50.16 2.47 -0.17	46.43 2.42 -0.01	41.27 2.04 0.00
BARRETT_IC_4 23707	47.33 1.51 0.00	43.41 1.35 0.00	40.62 1.07 0.00	40.65 0.99 0.00	41.77 0.90 0.00	44.89 1.14 0.00	54.93 1.60 0.00	69.33 2.47 0.00	57.58 2.21 -0.19	49.61 2.57 -1.92	40.97 2.47 -0.01	39.01 2.31 0.00	38.74 2.50 -0.01	39.75 2.46 0.00	40.65 2.37 0.00	41.14 2.44 0.00	47.06 2.76 -1.19	53.11 2.87 -2.34	59.06 3.06 -2.30	64.29 3.39 -1.40	57.05 2.80 -0.44	50.16 2.47 -0.17	46.43 2.42 -0.01	41.27 2.04 0.00
BARRETT_IC_5 23708	47.33 1.51 0.00	43.41 1.35 0.00	40.62 1.07 0.00	40.65 0.99 0.00	41.77 0.90 0.00	44.89 1.14 0.00	54.93 1.60 0.00	69.33 2.47 0.00	57.58 2.21 -0.19	49.61 2.57 -1.92	40.97 2.47 -0.01	39.01 2.31 0.00	38.74 2.50 -0.01	39.75 2.46 0.00	40.65 2.37 0.00	41.14 2.44 0.00	47.06 2.76 -1.19	53.11 2.87 -2.34	59.06 3.06 -2.30	64.29 3.39 -1.40	57.05 2.80 -0.44	50.16 2.47 -0.17	46.43 2.42 -0.01	41.27 2.04 0.00

BARRETT_IC_6 23709	47.33 1.51 0.00	43.41 1.35 0.00	40.62 1.07 0.00	40.65 0.99 0.00	41.77 0.90 0.00	44.89 1.14 0.00	54.93 1.60 0.00	69.33 2.47 0.00	57.58 2.21 -0.19	49.61 2.57 -1.92	40.97 2.47 -0.01	39.01 2.31 0.00	38.74 2.50 -0.01	39.75 2.46 0.00	40.65 2.37 0.00	41.14 2.44 0.00	47.06 2.76 -1.19	53.11 2.87 -2.34	59.06 3.06 -2.30	64.29 3.39 -1.40	57.05 2.80 -0.44	50.16 2.47 -0.17	46.43 2.42 -0.01	41.27 2.04 0.00
BARRETT_IC_7 23710	47.33 1.51 0.00	43.41 1.35 0.00	40.61 1.07 0.00	40.65 0.99 0.00	41.77 0.90 0.00	44.89 1.14 0.00	54.98 1.65 0.00	69.32 2.47 0.00	57.47 2.10 -0.19	49.66 2.62 -1.92	41.04 2.54 -0.01	39.12 2.42 0.00	38.81 2.57 -0.01	39.75 2.46 0.00	40.81 2.53 0.00	41.17 2.48 0.00	47.06 2.76 -1.19	53.11 2.87 -2.34	59.12 3.11 -2.30	64.23 3.33 -1.40	57.05 2.80 -0.44	50.21 2.52 -0.17	46.43 2.42 -0.01	41.27 2.04 0.00
BARRETT_IC_8 23711	47.33 1.51 0.00	43.41 1.35 0.00	40.62 1.07 0.00	40.65 0.99 0.00	41.77 0.90 0.00	44.89 1.14 0.00	54.93 1.60 0.00	69.33 2.47 0.00	57.58 2.21 -0.19	49.61 2.57 -1.92	40.97 2.47 -0.01	39.01 2.31 0.00	38.74 2.50 -0.01	39.75 2.46 0.00	40.65 2.37 0.00	41.14 2.44 0.00	47.06 2.76 -1.19	53.11 2.87 -2.34	59.06 3.06 -2.30	64.29 3.39 -1.40	57.05 2.80 -0.44	50.16 2.47 -0.17	46.43 2.42 -0.01	41.27 2.04 0.00
BARRETT_IC_9 23700	47.33 1.51 0.00	43.41 1.35 0.00	40.62 1.07 0.00	40.65 0.99 0.00	41.77 0.90 0.00	44.89 1.14 0.00	54.93 1.60 0.00	69.33 2.47 0.00	57.58 2.21 -0.19	49.61 2.57 -1.92	40.97 2.47 -0.01	39.01 2.31 0.00	38.74 2.50 -0.01	39.75 2.46 0.00	40.65 2.37 0.00	41.14 2.44 0.00	47.06 2.76 -1.19	53.11 2.87 -2.34	59.06 3.06 -2.30	64.29 3.39 -1.40	57.05 2.80 -0.44	50.16 2.47 -0.17	46.43 2.42 -0.01	41.27 2.04 0.00
BARRETT__1 23545	47.33 1.51 0.00	43.41 1.35 0.00	40.62 1.07 0.00	40.65 0.99 0.00	41.77 0.90 0.00	44.89 1.14 0.00	54.93 1.60 0.00	69.33 2.47 0.00	57.58 2.21 -0.19	49.61 2.57 -1.92	40.97 2.47 -0.01	39.01 2.31 0.00	38.74 2.50 -0.01	39.75 2.46 0.00	40.65 2.37 0.00	41.14 2.44 0.00	47.06 2.76 -1.19	53.11 2.87 -2.34	59.06 3.06 -2.30	64.29 3.39 -1.40	57.05 2.80 -0.44	50.16 2.47 -0.17	46.43 2.42 -0.01	41.27 2.04 0.00
BARRETT__2 23546	47.33 1.51 0.00	43.41 1.35 0.00	40.62 1.07 0.00	40.65 0.99 0.00	41.77 0.90 0.00	44.89 1.14 0.00	54.93 1.60 0.00	69.33 2.47 0.00	57.58 2.21 -0.19	49.61 2.57 -1.92	40.97 2.47 -0.01	39.01 2.31 0.00	38.74 2.50 -0.01	39.75 2.46 0.00	40.65 2.37 0.00	41.14 2.44 0.00	47.06 2.76 -1.19	53.11 2.87 -2.34	59.06 3.06 -2.30	64.29 3.39 -1.40	57.05 2.80 -0.44	50.16 2.47 -0.17	46.43 2.42 -0.01	41.27 2.04 0.00
BATAVIA__115KV_TB1 55881	44.44 -1.37 0.00	40.60 -1.47 0.00	38.16 -1.38 0.00	38.23 -1.43 0.00	39.40 -1.47 0.00	41.61 -2.14 0.00	49.54 -3.79 0.00	61.55 -5.28 0.02	50.28 -4.86 0.04	41.60 -3.29 0.22	35.65 -2.85 0.00	33.41 -3.12 0.16	33.14 -3.08 0.02	34.03 -3.24 0.02	33.21 -3.02 2.04	32.99 -3.06 2.64	37.67 -3.49 1.94	42.99 -4.26 0.65	49.03 -4.40 0.27	55.46 -3.87 0.16	50.37 -3.39 0.05	43.75 -3.75 0.02	40.57 -3.43 0.00	36.84 -2.39 0.00
BAYONEEC__CTG1 323682	47.24 1.42 0.00	43.33 1.26 0.00	40.54 0.99 0.00	40.57 0.91 0.00	41.73 0.86 0.00	45.03 1.27 0.00	55.20 1.87 0.00	69.39 2.54 0.00	57.80 2.43 -0.19	49.52 2.48 -1.92	40.65 2.15 0.00	38.67 1.98 0.00	38.37 2.14 0.00	39.46 2.16 0.00	40.46 2.18 0.00	40.98 2.28 0.00	46.79 2.50 -1.19	52.83 2.58 -2.35	58.63 2.63 -2.29	63.69 2.80 -1.40	56.50 2.26 -0.43	49.82 2.14 -0.16	46.02 2.02 0.00	40.84 1.61 0.00
BAYONEEC__CTG10 323750	47.24 1.42 0.00	43.33 1.26 0.00	40.54 0.99 0.00	40.57 0.91 0.00	41.73 0.86 0.00	45.03 1.27 0.00	55.20 1.87 0.00	69.39 2.54 0.00	57.80 2.43 -0.19	49.52 2.48 -1.92	40.65 2.15 0.00	38.67 1.98 0.00	38.37 2.14 0.00	39.46 2.16 0.00	40.46 2.18 0.00	40.98 2.28 0.00	46.79 2.50 -1.19	52.83 2.58 -2.35	58.63 2.63 -2.29	63.69 2.80 -1.40	56.50 2.26 -0.43	49.82 2.14 -0.16	46.02 2.02 0.00	40.84 1.61 0.00
BAYONEEC__CTG2 323683	47.24 1.42 0.00	43.33 1.26 0.00	40.54 0.99 0.00	40.57 0.91 0.00	41.73 0.86 0.00	45.03 1.27 0.00	55.20 1.87 0.00	69.39 2.54 0.00	57.80 2.43 -0.19	49.52 2.48 -1.92	40.65 2.15 0.00	38.67 1.98 0.00	38.37 2.14 0.00	39.46 2.16 0.00	40.46 2.18 0.00	40.98 2.28 0.00	46.79 2.50 -1.19	52.83 2.58 -2.35	58.63 2.63 -2.29	63.69 2.80 -1.40	56.50 2.26 -0.43	49.82 2.14 -0.16	46.02 2.02 0.00	40.84 1.61 0.00
BAYONEEC__CTG3 323684	47.24 1.42 0.00	43.33 1.26 0.00	40.54 0.99 0.00	40.57 0.91 0.00	41.73 0.86 0.00	45.03 1.27 0.00	55.20 1.87 0.00	69.39 2.54 0.00	57.80 2.43 -0.19	49.52 2.48 -1.92	40.65 2.15 0.00	38.67 1.98 0.00	38.37 2.14 0.00	39.46 2.16 0.00	40.46 2.18 0.00	40.98 2.28 0.00	46.79 2.50 -1.19	52.83 2.58 -2.35	58.63 2.63 -2.29	63.69 2.80 -1.40	56.50 2.26 -0.43	49.82 2.14 -0.16	46.02 2.02 0.00	40.84 1.61 0.00
BAYONEEC__CTG4 323685	47.24 1.42 0.00	43.33 1.26 0.00	40.54 0.99 0.00	40.57 0.91 0.00	41.73 0.86 0.00	45.03 1.27 0.00	55.20 1.87 0.00	69.39 2.54 0.00	57.80 2.43 -0.19	49.52 2.48 -1.92	40.65 2.15 0.00	38.67 1.98 0.00	38.37 2.14 0.00	39.46 2.16 0.00	40.46 2.18 0.00	40.98 2.28 0.00	46.79 2.50 -1.19	52.83 2.58 -2.35	58.63 2.63 -2.29	63.69 2.80 -1.40	56.50 2.26 -0.43	49.82 2.14 -0.16	46.02 2.02 0.00	40.84 1.61 0.00
BAYONEEC__CTG5 323686	47.24 1.42 0.00	43.33 1.26 0.00	40.54 0.99 0.00	40.57 0.91 0.00	41.73 0.86 0.00	45.03 1.27 0.00	55.20 1.87 0.00	69.39 2.54 0.00	57.80 2.43 -0.19	49.52 2.48 -1.92	40.65 2.15 0.00	38.67 1.98 0.00	38.37 2.14 0.00	39.46 2.16 0.00	40.46 2.18 0.00	40.98 2.28 0.00	46.79 2.50 -1.19	52.83 2.58 -2.35	58.63 2.63 -2.29	63.69 2.80 -1.40	56.50 2.26 -0.43	49.82 2.14 -0.16	46.02 2.02 0.00	40.84 1.61 0.00
BAYONEEC__CTG6 323687	47.24 1.42 0.00	43.33 1.26 0.00	40.54 0.99 0.00	40.57 0.91 0.00	41.73 0.86 0.00	45.03 1.27 0.00	55.20 1.87 0.00	69.39 2.54 0.00	57.80 2.43 -0.19	49.52 2.48 -1.92	40.65 2.15 0.00	38.67 1.98 0.00	38.37 2.14 0.00	39.46 2.16 0.00	40.46 2.18 0.00	40.98 2.28 0.00	46.79 2.50 -1.19	52.83 2.58 -2.35	58.63 2.63 -2.29	63.69 2.80 -1.40	56.50 2.26 -0.43	49.82 2.14 -0.16	46.02 2.02 0.00	40.84 1.61 0.00
BAYONEEC__CTG7 323688	47.24 1.42 0.00	43.33 1.26 0.00	40.54 0.99 0.00	40.57 0.91 0.00	41.73 0.86 0.00	45.03 1.27 0.00	55.20 1.87 0.00	69.39 2.54 0.00	57.80 2.43 -0.19	49.52 2.48 -1.92	40.65 2.15 0.00	38.67 1.98 0.00	38.37 2.14 0.00	39.46 2.16 0.00	40.46 2.18 0.00	40.98 2.28 0.00	46.79 2.50 -1.19	52.83 2.58 -2.35	58.63 2.63 -2.29	63.69 2.80 -1.40	56.50 2.26 -0.43	49.82 2.14 -0.16	46.02 2.02 0.00	40.84 1.61 0.00

BAYONEEC__CTG8 323689	47.24 1.42 0.00	43.33 1.26 0.00	40.54 0.99 0.00	40.57 0.91 0.00	41.73 0.86 0.00	45.03 1.27 0.00	55.20 1.87 0.00	69.39 2.54 0.00	57.80 2.43 -0.19	49.52 2.48 -1.92	40.65 2.15 0.00	38.67 1.98 0.00	38.37 2.14 0.00	39.46 2.16 0.00	40.46 2.18 0.00	40.98 2.28 0.00	46.79 2.50 -1.19	52.83 2.58 -2.35	58.63 2.63 -2.29	63.69 2.80 -1.40	56.50 2.26 -0.43	49.82 2.14 -0.16	46.02 2.02 0.00	40.84 1.61 0.00
BAYONEEC__CTG9 323749	47.24 1.42 0.00	43.33 1.26 0.00	40.54 0.99 0.00	40.57 0.91 0.00	41.73 0.86 0.00	45.03 1.27 0.00	55.20 1.87 0.00	69.39 2.54 0.00	57.80 2.43 -0.19	49.52 2.48 -1.92	40.65 2.15 0.00	38.67 1.98 0.00	38.37 2.14 0.00	39.46 2.16 0.00	40.46 2.18 0.00	40.98 2.28 0.00	46.79 2.50 -1.19	52.83 2.58 -2.35	58.63 2.63 -2.29	63.69 2.80 -1.40	56.50 2.26 -0.43	49.82 2.14 -0.16	46.02 2.02 0.00	40.84 1.61 0.00
BEACON__LESR 323632	46.46 0.64 0.00	42.78 0.71 0.00	40.26 0.71 0.00	40.38 0.71 0.00	41.48 0.61 0.00	44.59 0.83 0.00	54.50 1.17 0.00	68.39 1.54 0.00	56.60 1.38 -0.04	46.30 0.81 -0.37	39.19 0.69 0.00	37.25 0.55 0.00	36.85 0.62 0.00	37.97 0.67 0.00	39.01 0.73 0.00	39.55 0.85 0.00	44.37 1.03 -0.23	49.59 1.24 -0.45	55.54 1.39 -0.44	61.19 1.43 -0.27	55.08 1.18 -0.08	48.50 0.95 -0.03	44.96 0.97 0.00	39.94 0.71 0.00
BEAVER RIVER__HYD 24048	46.00 0.18 0.00	42.28 0.21 0.00	39.71 0.16 0.00	39.98 0.32 0.00	41.12 0.25 0.00	43.89 0.13 0.00	53.86 0.53 0.00	67.66 0.81 0.00	54.96 -0.22 0.00	44.08 -1.04 0.00	37.34 -1.15 0.00	35.59 -1.10 0.00	35.07 -1.16 0.00	35.84 -1.46 0.00	37.09 -1.19 0.00	37.84 -0.85 0.00	42.29 -0.82 0.00	47.42 -0.48 0.00	53.44 -0.27 0.00	59.55 0.06 0.00	53.81 0.00 0.00	47.85 0.33 0.00	44.35 0.35 0.00	39.55 0.31 0.00
BEEBEE_GT_13 23619	45.22 -0.60 0.00	41.35 -0.72 0.00	38.87 -0.67 0.00	38.95 -0.71 0.00	40.18 -0.69 0.00	42.79 -0.96 0.00	51.62 -1.71 0.00	64.50 -2.34 0.01	52.96 -2.21 0.01	43.77 -1.35 0.00	37.38 -1.12 0.00	35.36 -1.32 0.01	34.92 -1.30 0.01	35.86 -1.42 0.01	36.77 -1.49 0.02	37.27 -1.43 0.00	41.47 -1.64 0.00	45.85 -2.06 -0.02	51.82 -1.88 0.00	57.89 -1.61 0.00	52.42 -1.40 0.00	45.81 -1.71 0.00	42.37 -1.63 0.00	38.10 -1.14 0.00
BENSHRST_27_KV_BENSHRST_1 355998	47.98 2.15 -0.01	44.01 1.94 -0.01	41.13 1.58 0.00	41.13 1.47 0.00	42.30 1.43 0.00	45.55 1.79 0.00	55.30 1.97 0.00	69.39 2.54 0.00	57.80 2.43 -0.19	50.02 2.98 -1.92	41.11 2.62 0.00	39.15 2.46 0.00	38.84 2.61 0.00	39.90 2.61 0.00	40.96 2.68 0.00	41.48 2.79 0.00	47.31 3.02 -1.19	53.21 2.97 -2.35	58.84 2.85 -2.29	63.93 3.03 -1.40	56.77 2.53 -0.43	50.39 2.71 -0.16	46.59 2.60 0.00	41.48 2.24 -0.01
BETHLEHEM__GRP 23843	45.77 -0.05 0.00	42.15 0.08 0.00	39.71 0.16 0.00	39.82 0.16 0.00	40.87 0.00 0.00	43.93 0.18 0.00	53.60 0.27 0.00	67.19 0.33 0.00	55.71 0.50 -0.04	45.71 0.23 -0.37	38.73 0.23 0.00	36.91 0.22 0.00	36.45 0.22 0.00	37.52 0.22 0.00	38.51 0.23 0.00	39.01 0.31 0.00	43.81 0.47 -0.23	48.87 0.53 -0.45	54.63 0.48 -0.44	60.24 0.48 -0.27	54.22 0.32 -0.08	47.83 0.29 -0.03	44.39 0.40 0.00	39.43 0.20 0.00
BETHLEHEM__GS1 323560	45.77 -0.05 0.00	42.15 0.08 0.00	39.71 0.16 0.00	39.78 0.12 0.00	40.87 0.00 0.00	43.93 0.18 0.00	53.60 0.27 0.00	67.19 0.34 0.00	55.77 0.55 -0.04	45.67 0.18 -0.37	38.73 0.23 0.00	36.84 0.15 0.00	36.45 0.22 0.00	37.52 0.23 0.00	38.51 0.23 0.00	39.00 0.31 0.00	43.81 0.48 -0.23	48.87 0.53 -0.45	54.68 0.54 -0.44	60.24 0.47 -0.27	54.22 0.32 -0.08	47.84 0.29 -0.03	44.35 0.35 0.00	39.43 0.20 0.00
BETHLEHEM__GS2 323561	45.77 -0.05 0.00	42.15 0.08 0.00	39.71 0.16 0.00	39.78 0.12 0.00	40.87 0.00 0.00	43.93 0.18 0.00	53.60 0.27 0.00	67.19 0.34 0.00	55.77 0.55 -0.04	45.67 0.18 -0.37	38.73 0.23 0.00	36.84 0.15 0.00	36.45 0.22 0.00	37.52 0.23 0.00	38.51 0.23 0.00	39.00 0.31 0.00	43.81 0.48 -0.23	48.87 0.53 -0.45	54.68 0.54 -0.44	60.24 0.47 -0.27	54.22 0.32 -0.08	47.84 0.29 -0.03	44.35 0.35 0.00	39.43 0.20 0.00
BETHLEHEM__GS3 323562	45.77 -0.05 0.00	42.15 0.08 0.00	39.71 0.16 0.00	39.78 0.12 0.00	40.87 0.00 0.00	43.93 0.18 0.00	53.60 0.27 0.00	67.19 0.34 0.00	55.77 0.55 -0.04	45.67 0.18 -0.37	38.73 0.23 0.00	36.84 0.15 0.00	36.45 0.22 0.00	37.52 0.23 0.00	38.51 0.23 0.00	39.00 0.31 0.00	43.81 0.48 -0.23	48.87 0.53 -0.45	54.68 0.54 -0.44	60.24 0.47 -0.27	54.22 0.32 -0.08	47.84 0.29 -0.03	44.35 0.35 0.00	39.43 0.20 0.00
BETHLEHEM__STEEL 23779	43.80 -2.02 0.00	39.92 -2.15 0.00	37.53 -2.02 0.00	37.48 -2.18 0.00	38.54 -2.33 0.00	40.56 -3.19 0.00	48.00 -5.33 0.00	59.54 -7.29 0.02	48.78 -6.35 0.05	40.25 -4.60 0.26	34.53 -3.96 0.00	32.34 -4.07 0.29	32.22 -3.99 0.02	33.17 -4.10 0.02	30.52 -4.13 3.63	29.45 -4.53 4.72	34.47 -5.26 3.37	41.43 -6.04 0.44	47.27 -6.12 0.31	53.59 -5.71 0.19	48.81 -4.95 0.06	42.41 -5.08 0.02	39.38 -4.62 0.00	36.05 -3.18 0.00
BETHLHEM_115KV_TB1 79974	46.32 0.50 0.00	42.57 0.50 0.00	40.02 0.47 0.00	40.14 0.48 0.00	41.28 0.41 0.00	44.33 0.57 0.00	54.13 0.80 0.00	67.85 1.00 0.00	56.15 0.94 -0.04	46.15 0.68 -0.36	39.07 0.58 0.00	37.28 0.59 0.00	36.81 0.58 0.00	37.93 0.63 0.00	38.93 0.65 0.00	39.35 0.66 0.00	43.84 0.52 -0.22	48.96 0.62 -0.44	54.72 0.59 -0.43	60.29 0.54 -0.26	54.32 0.43 -0.08	47.93 0.38 -0.03	44.44 0.44 0.00	39.47 0.24 0.00
BETHPAGE_CC_5 323564	47.70 1.88 0.00	43.71 1.64 0.00	40.77 1.23 0.00	40.81 1.15 0.00	41.89 1.02 0.00	45.16 1.40 0.00	55.20 1.87 0.00	69.66 2.81 0.00	57.86 2.49 -0.19	49.88 2.84 -1.92	41.24 2.73 -0.01	39.19 2.50 0.00	38.92 2.68 -0.01	39.94 2.65 0.00	40.81 2.53 0.00	41.36 2.67 0.00	47.41 3.11 -1.20	53.45 3.21 -2.34	59.44 3.44 -2.30	64.71 3.81 -1.41	57.42 3.17 -0.44	50.49 2.80 -0.17	46.74 2.73 -0.01	41.55 2.31 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	43.98 -1.83 0.00	40.09 -1.98 0.00	37.69 -1.86 0.00	37.64 -2.02 0.00	38.70 -2.17 0.00	40.74 -3.02 0.00	48.32 -5.01 0.00	60.01 -6.82 0.02	49.23 -5.90 0.05	40.38 -4.47 0.27	34.65 -3.85 0.00	32.54 -3.89 0.26	32.40 -3.80 0.02	33.39 -3.88 0.02	31.09 -3.87 3.32	29.90 -4.49 4.31	34.83 -5.17 3.10	41.52 -5.94 0.44	47.32 -6.07 0.32	53.71 -5.59 0.19	48.86 -4.90 0.06	42.51 -4.99 0.02	39.47 -4.53 0.00	36.13 -3.10 0.00
BINGHAMTON__COGEN 23790	45.95 0.14 0.00	42.11 0.04 0.00	39.55 0.00 0.00	39.58 -0.08 0.00	40.83 -0.04 0.00	43.63 -0.13 0.00	53.01 -0.32 0.00	66.18 -0.67 0.00	54.58 -0.55 0.05	44.21 -0.41 0.51	38.11 -0.38 0.00	36.29 -0.40 0.00	35.80 -0.43 0.00	36.88 -0.41 0.00	37.90 -0.38 0.00	38.31 -0.39 0.00	42.36 -0.43 0.31	46.68 -0.57 0.64	52.67 -0.43 0.61	58.83 -0.30 0.37	53.49 -0.22 0.11	47.10 -0.38 0.04	43.65 -0.35 0.00	39.04 -0.20 0.00

BIXINCNT_115KV_LOAD 355685	44.12 -1.70 0.00	40.30 -1.77 0.00	37.85 -1.70 0.00	37.84 -1.82 0.00	38.91 -1.96 0.00	41.04 -2.71 0.00	48.85 -4.48 0.00	60.74 -6.08 0.02	49.66 -5.46 0.05	40.19 -4.65 0.28	34.26 -4.23 0.00	32.17 -4.33 0.20	31.71 -4.49 0.02	32.76 -4.51 0.02	31.39 -4.52 2.37	30.18 -5.46 3.06	34.95 -5.91 2.25	41.08 -6.37 0.45	46.92 -6.44 0.33	53.22 -6.07 0.20	48.69 -5.06 0.06	42.65 -4.85 0.02	39.60 -4.40 0.00	36.21 -3.02 0.00
BLACK RIVER___HYD 24047	46.59 0.78 0.00	42.70 0.63 0.00	40.10 0.55 0.00	40.38 0.71 0.00	41.52 0.65 0.00	44.45 0.70 0.00	54.77 1.44 0.00	68.79 1.94 0.00	56.45 1.27 0.00	44.98 -0.13 0.00	37.84 -0.65 0.00	36.04 -0.66 0.00	35.43 -0.80 0.00	36.29 -1.01 0.00	37.63 -0.65 0.00	38.47 -0.23 0.00	42.85 -0.26 0.00	47.95 0.05 0.00	54.24 0.54 0.00	60.44 0.95 0.00	54.57 0.75 0.00	48.42 0.90 0.00	44.79 0.79 0.00	39.94 0.71 0.00
BLACKRVR_115KV_TB2 79977	46.59 0.78 0.00	42.70 0.63 0.00	40.10 0.55 0.00	40.37 0.71 0.00	41.52 0.65 0.00	44.46 0.70 0.00	54.77 1.44 0.00	68.79 1.94 0.00	56.45 1.27 0.00	44.98 -0.14 0.00	37.84 -0.65 0.00	36.03 -0.66 0.00	35.43 -0.80 0.00	36.29 -1.01 0.00	37.63 -0.65 0.00	38.46 -0.23 0.00	42.85 -0.26 0.00	47.95 0.05 0.00	54.29 0.59 0.00	60.45 0.95 0.00	54.57 0.75 0.00	48.42 0.90 0.00	44.75 0.75 0.00	39.94 0.71 0.00
BLDWN_LI_69_KV_BK4 356085	47.69 1.88 0.00	43.71 1.64 0.00	40.81 1.27 0.00	40.85 1.19 0.00	41.97 1.10 0.00	45.20 1.44 0.00	55.36 2.03 0.00	69.79 2.94 0.00	57.85 2.48 -0.19	49.93 2.89 -1.92	41.20 2.69 -0.01	39.26 2.57 0.00	38.92 2.68 -0.01	39.94 2.65 0.00	40.96 2.68 0.00	41.41 2.71 0.00	47.36 3.06 -1.20	53.45 3.21 -2.34	59.55 3.54 -2.30	64.71 3.81 -1.41	57.48 3.23 -0.44	50.59 2.90 -0.17	46.78 2.77 -0.01	41.55 2.31 0.00
BLISS_WT_PWR 323608	44.08 -1.74 0.00	40.26 -1.81 0.00	37.85 -1.70 0.00	37.92 -1.74 0.00	38.91 -1.96 0.00	41.04 -2.71 0.00	48.85 -4.48 0.00	60.74 -6.08 0.02	49.83 -5.30 0.05	40.15 -4.69 0.28	34.11 -4.39 0.00	31.73 -4.77 0.20	31.31 -4.89 0.02	32.38 -4.88 0.02	31.12 -4.79 2.37	29.91 -5.73 3.06	34.69 -6.17 2.25	40.89 -6.56 0.45	46.92 -6.45 0.33	52.86 -6.43 0.20	48.59 -5.17 0.06	42.55 -4.94 0.02	39.69 -4.31 0.00	36.13 -3.10 0.00
BLUESTONE___WT_PWR 323821	47.51 1.70 0.00	43.50 1.43 0.00	40.85 1.30 0.00	41.01 1.35 0.00	42.26 1.39 0.00	45.33 1.57 0.00	55.46 2.14 0.00	69.54 2.68 -0.01	57.12 2.04 0.10	45.46 1.44 1.10	39.38 0.89 0.00	37.44 0.73 -0.01	36.86 0.62 -0.01	37.90 0.59 -0.01	39.02 0.73 -0.02	39.51 0.81 0.00	43.50 1.08 0.68	48.14 1.58 1.34	54.43 2.04 1.31	60.95 2.26 0.80	55.56 1.99 0.24	48.81 1.38 0.09	45.32 1.32 0.00	40.49 1.26 0.00
BLUE_CIRC_CHEM_DRP 24182	46.59 0.78 0.00	42.87 0.80 0.00	40.34 0.79 0.00	40.45 0.79 0.00	41.61 0.74 0.00	44.63 0.88 0.00	54.50 1.17 0.00	68.19 1.34 0.00	56.37 1.16 -0.03	46.16 0.72 -0.31	39.00 0.50 0.00	37.17 0.48 0.00	36.74 0.51 0.00	37.85 0.56 0.00	38.89 0.61 0.00	39.39 0.70 0.00	44.21 0.91 -0.19	49.38 1.10 -0.38	55.26 1.18 -0.37	61.03 1.31 -0.23	54.96 1.08 -0.07	48.54 1.00 -0.03	44.92 0.92 0.00	39.94 0.71 0.00
BOC_GAS_DRP 24189	46.14 0.32 0.00	42.45 0.38 0.00	39.90 0.36 0.00	40.02 0.36 0.00	41.16 0.29 0.00	44.15 0.39 0.00	53.97 0.64 0.00	67.59 0.74 0.00	55.99 0.77 -0.04	46.02 0.54 -0.36	39.00 0.50 0.00	37.21 0.51 0.00	36.74 0.51 0.00	37.82 0.52 0.00	38.82 0.54 0.00	39.24 0.54 0.00	43.97 0.65 -0.22	49.05 0.72 -0.44	54.88 0.75 -0.43	60.47 0.71 -0.26	54.54 0.65 -0.08	48.12 0.57 -0.03	44.57 0.57 0.00	39.59 0.35 0.00
BOONVILLE_115KV_TB1 79983	46.46 0.64 0.00	42.66 0.59 0.00	40.10 0.55 0.00	40.26 0.59 0.00	41.44 0.57 0.00	44.37 0.61 0.00	54.34 1.01 0.00	68.19 1.34 0.00	55.90 0.72 0.00	45.16 0.05 0.00	38.34 -0.15 0.00	36.51 -0.18 0.00	36.01 -0.22 0.00	36.92 -0.37 0.00	38.13 -0.15 0.00	38.74 0.04 0.00	43.28 0.17 0.00	48.38 0.48 0.00	54.46 0.75 0.00	60.45 0.95 0.00	54.62 0.81 0.00	48.33 0.81 0.00	44.75 0.75 0.00	39.86 0.63 0.00
BORALEX_4TH_BRANCH 23824	46.50 0.69 0.00	42.91 0.84 0.00	40.42 0.87 0.00	40.49 0.83 0.00	41.69 0.82 0.00	44.89 1.14 0.00	55.04 1.71 0.00	68.92 2.07 0.00	57.04 1.82 -0.04	46.45 0.95 -0.39	39.34 0.85 0.00	37.54 0.84 0.00	36.96 0.72 0.00	37.93 0.63 0.00	38.89 0.61 0.00	39.47 0.77 0.00	44.38 1.03 -0.24	49.85 1.48 -0.47	55.78 1.61 -0.46	61.50 1.73 -0.28	55.46 1.56 -0.09	48.79 1.24 -0.03	45.14 1.14 0.00	39.90 0.67 0.00
BOWLINE___1 23526	46.68 0.87 0.00	42.91 0.84 0.00	40.22 0.67 0.00	40.26 0.60 0.00	41.40 0.53 0.00	44.50 0.74 0.00	54.50 1.17 0.00	68.52 1.67 0.00	56.28 1.60 0.50	41.83 1.67 4.96	39.99 1.50 0.00	38.09 1.39 0.00	37.75 1.52 0.00	38.82 1.53 0.00	39.85 1.57 0.00	40.32 1.62 0.00	41.85 1.81 3.06	43.71 1.87 6.05	49.67 1.88 5.91	57.91 2.02 3.61	54.33 1.61 1.10	48.54 1.42 0.41	45.45 1.45 0.00	40.41 1.18 0.00
BOWLINE___2 23595	46.64 0.83 0.00	42.87 0.80 0.00	40.18 0.63 0.00	40.26 0.60 0.00	41.40 0.53 0.00	44.45 0.70 0.00	54.45 1.12 0.00	68.45 1.60 0.00	56.22 1.54 0.50	41.83 1.67 4.96	39.96 1.46 0.00	38.05 1.36 0.00	37.75 1.52 0.00	38.82 1.53 0.00	39.85 1.57 0.00	40.32 1.62 0.00	41.81 1.77 3.06	43.66 1.82 6.06	49.62 1.83 5.91	57.85 1.96 3.61	54.22 1.50 1.10	48.49 1.38 0.41	45.45 1.45 0.00	40.41 1.18 0.00
BRADY___115KV_TB2 356060	46.46 0.64 0.00	42.61 0.55 0.00	40.10 0.55 0.00	40.37 0.71 0.00	41.77 0.90 0.00	44.46 0.70 0.00	54.08 0.75 0.00	67.59 0.74 0.00	55.29 0.11 0.00	44.98 -0.14 0.00	38.38 -0.12 0.00	36.55 -0.15 0.00	36.12 -0.11 0.00	37.14 -0.15 0.00	38.09 -0.19 0.00	38.70 0.00 0.00	43.02 -0.09 0.00	47.95 0.05 0.00	53.54 -0.16 0.00	59.49 0.00 0.00	53.87 0.05 0.00	48.14 0.62 0.00	44.57 0.57 0.00	39.98 0.75 0.00
BRANSCOMB___SOLAR 323811	46.73 0.92 0.00	42.99 0.92 0.00	40.46 0.91 0.00	40.57 0.91 0.00	41.73 0.86 0.00	44.85 1.09 0.00	54.98 1.66 0.00	68.93 2.07 0.00	56.81 1.60 -0.03	46.22 0.77 -0.33	38.99 0.50 0.00	37.06 0.37 0.00	36.70 0.47 0.00	37.85 0.56 0.00	38.93 0.65 0.00	39.51 0.81 0.00	44.35 1.03 -0.21	49.70 1.39 -0.41	55.82 1.72 -0.40	61.52 1.78 -0.24	55.45 1.56 -0.07	48.83 1.28 -0.03	45.19 1.19 0.00	40.06 0.83 0.00
BRDGHMPT_69_KV_BK1 55812	48.15 2.34 0.00	44.00 1.94 0.00	40.97 1.42 0.00	40.97 1.31 0.00	42.10 1.23 0.00	45.46 1.71 0.00	55.84 2.51 0.00	70.66 3.81 0.00	58.41 3.03 -0.19	50.42 3.38 -1.92	42.16 3.66 -0.01	40.00 3.30 0.00	39.57 3.33 -0.01	40.50 3.21 0.00	41.38 3.10 0.00	41.48 2.79 0.00	47.62 3.32 -1.19	53.93 3.69 -2.34	60.73 4.73 -2.30	65.90 5.00 -1.40	58.55 4.31 -0.43	51.54 3.85 -0.17	47.35 3.34 -0.01	41.78 2.55 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	47.97 2.15 0.00	43.92 1.85 0.00	40.97 1.42 0.00	40.97 1.31 0.00	42.14 1.27 0.00	45.46 1.71 0.00	55.62 2.29 0.00	70.13 3.28 0.00	58.07 2.70 -0.19	50.24 3.20 -1.92	41.54 3.04 -0.01	39.56 2.86 0.00	39.17 2.93 -0.01	40.16 2.87 0.00	41.19 2.91 0.00	41.60 2.90 0.00	47.66 3.36 -1.19	53.74 3.50 -2.34	60.08 4.08 -2.30	65.30 4.40 -1.40	58.07 3.82 -0.44	51.06 3.37 -0.17	47.22 3.21 -0.01	41.86 2.63 0.00
BRISTLHL_115KV_TB1 79998	45.22 -0.60 0.00	41.44 -0.63 0.00	38.95 -0.59 0.00	39.03 -0.63 0.00	40.26 -0.61 0.00	43.10 -0.66 0.00	52.48 -0.85 0.00	65.85 -1.00 0.00	54.30 -0.88 0.00	44.40 -0.72 0.00	37.88 -0.62 0.00	36.07 -0.62 0.00	35.62 -0.62 0.00	36.66 -0.63 0.00	37.59 -0.69 0.00	38.04 -0.66 0.00	42.37 -0.73 0.00	46.99 -0.91 0.00	52.90 -0.81 0.00	58.66 -0.83 0.00	53.06 -0.75 0.00	46.76 -0.76 0.00	43.25 -0.75 0.00	38.61 -0.63 0.00
BROOKHAVEN__DRP 24191	47.24 1.42 0.00	43.20 1.14 0.00	40.30 0.75 0.00	40.30 0.63 0.00	41.44 0.57 0.00	44.76 1.01 0.00	54.88 1.55 0.00	69.32 2.47 0.00	57.30 1.93 -0.19	49.56 2.53 -1.92	41.31 2.81 -0.01	39.23 2.53 0.00	38.88 2.64 -0.01	39.87 2.57 0.00	40.84 2.56 0.00	41.10 2.40 0.00	47.19 2.89 -1.19	53.40 3.16 -2.34	59.92 3.92 -2.30	65.00 4.11 -1.40	57.91 3.66 -0.43	51.01 3.33 -0.17	47.00 2.99 -0.01	41.55 2.31 0.00
BROOKLYN_NAVY_YARD 23515	47.19 1.37 0.00	43.33 1.26 0.00	40.49 0.95 0.00	40.53 0.87 0.00	41.69 0.82 0.00	44.98 1.22 0.00	55.20 1.87 0.00	69.46 2.60 0.00	57.86 2.49 -0.19	49.52 2.48 -1.92	40.65 2.15 0.00	38.67 1.98 0.00	38.40 2.17 0.00	39.46 2.16 0.00	40.50 2.22 0.00	40.98 2.28 0.00	46.84 2.54 -1.19	52.88 2.63 -2.35	58.74 2.74 -2.29	63.81 2.91 -1.40	56.61 2.37 -0.43	49.82 2.14 -0.16	46.02 2.02 0.00	40.84 1.61 0.00
BROOKLYN__ARMY_DRP 323595	47.84 2.02 -0.01	43.88 1.81 -0.01	41.01 1.46 0.00	41.01 1.35 0.00	42.18 1.31 0.00	45.42 1.66 0.00	55.09 1.76 0.00	69.12 2.27 0.00	57.58 2.21 -0.19	49.84 2.80 -1.92	40.96 2.46 0.00	39.01 2.31 0.00	38.69 2.46 0.00	39.75 2.46 0.00	40.81 2.53 0.00	41.33 2.63 0.00	47.14 2.84 -1.19	53.02 2.78 -2.35	58.57 2.58 -2.29	63.63 2.74 -1.40	56.56 2.31 -0.43	50.20 2.52 -0.16	46.42 2.42 0.00	41.32 2.08 -0.01
BROOME_2_LFGE 323671	45.95 0.14 0.00	42.11 0.04 0.00	39.55 0.00 0.00	39.62 -0.04 0.00	40.83 -0.04 0.00	43.63 -0.13 0.00	53.01 -0.32 0.00	66.18 -0.67 0.00	54.58 -0.55 0.05	44.25 -0.36 0.51	38.11 -0.38 0.00	36.26 -0.44 0.00	35.80 -0.43 0.00	36.88 -0.41 0.00	37.90 -0.38 0.00	38.31 -0.39 0.00	42.36 -0.43 0.31	46.68 -0.57 0.64	52.78 -0.32 0.61	58.83 -0.30 0.37	53.49 -0.21 0.11	47.10 -0.38 0.04	43.64 -0.35 0.00	39.04 -0.20 0.00
BROOME__LFGE 323600	45.95 0.14 0.00	42.11 0.04 0.00	39.55 0.00 0.00	39.62 -0.04 0.00	40.83 -0.04 0.00	43.63 -0.13 0.00	53.01 -0.32 0.00	66.18 -0.67 0.00	54.58 -0.55 0.05	44.25 -0.36 0.51	38.11 -0.38 0.00	36.26 -0.44 0.00	35.80 -0.43 0.00	36.88 -0.41 0.00	37.90 -0.38 0.00	38.31 -0.39 0.00	42.36 -0.43 0.31	46.68 -0.57 0.64	52.78 -0.32 0.61	58.83 -0.30 0.37	53.49 -0.21 0.11	47.10 -0.38 0.04	43.64 -0.35 0.00	39.04 -0.20 0.00
BROWNFLS_115KV_TB 3_5 80003	45.36 -0.46 0.00	41.65 -0.42 0.00	39.15 -0.40 0.00	39.42 -0.24 0.00	40.50 -0.37 0.00	43.23 -0.53 0.00	52.90 -0.43 0.00	66.32 -0.53 0.00	54.02 -1.16 0.00	43.54 -1.58 0.00	36.99 -1.50 0.00	35.26 -1.43 0.00	34.78 -1.45 0.00	35.65 -1.64 0.00	36.75 -1.53 0.00	37.46 -1.24 0.00	41.77 -1.34 0.00	46.65 -1.25 0.00	52.36 -1.34 0.00	58.31 -1.19 0.00	52.63 -1.18 0.00	47.09 -0.43 0.00	43.60 -0.40 0.00	39.00 -0.24 0.00
BROWNSV1_27_KV_LOAD 356125	47.60 1.79 0.00	43.67 1.60 0.00	40.85 1.31 0.00	40.89 1.23 0.00	42.01 1.14 0.00	45.33 1.58 0.00	55.57 2.24 0.00	69.93 3.08 0.00	58.24 2.87 -0.19	49.93 2.89 -1.92	40.96 2.46 0.00	39.04 2.35 0.00	38.69 2.46 0.00	39.75 2.46 0.00	40.81 2.53 0.00	41.29 2.59 0.00	47.14 2.84 -1.19	53.22 2.97 -2.35	59.06 3.06 -2.29	64.23 3.33 -1.40	57.04 2.80 -0.43	50.24 2.57 -0.16	46.37 2.38 0.00	41.16 1.92 0.00
BURROWS__LYONSDAL 23803	46.32 0.50 0.00	42.57 0.50 0.00	40.02 0.47 0.00	40.22 0.56 0.00	41.36 0.49 0.00	44.28 0.53 0.00	54.29 0.96 0.00	68.12 1.27 0.00	55.68 0.50 0.00	44.89 -0.23 0.00	38.03 -0.46 0.00	36.25 -0.44 0.00	35.76 -0.47 0.00	36.62 -0.67 0.00	37.86 -0.42 0.00	38.46 -0.23 0.00	43.02 -0.09 0.00	48.14 0.24 0.00	54.24 0.54 0.00	60.33 0.83 0.00	54.46 0.65 0.00	48.23 0.71 0.00	44.66 0.66 0.00	39.82 0.59 0.00
CAITHNESS_CC_1 323624	47.28 1.47 0.00	43.24 1.18 0.00	40.30 0.75 0.00	40.29 0.63 0.00	41.48 0.61 0.00	44.76 1.01 0.00	54.82 1.49 0.00	69.33 2.47 0.00	57.47 2.10 -0.19	49.56 2.53 -1.92	41.24 2.73 -0.01	39.08 2.38 0.00	38.81 2.57 -0.01	39.83 2.54 0.00	40.46 2.18 0.00	41.06 2.36 0.00	47.14 2.84 -1.19	53.54 3.30 -2.34	59.70 3.70 -2.30	64.95 4.05 -1.40	57.80 3.55 -0.43	50.68 3.00 -0.17	46.91 2.90 -0.01	41.55 2.31 0.00
CALPINE BETH_PAGE_GT4 24209	47.69 1.88 0.00	43.67 1.60 0.00	40.77 1.23 0.00	40.81 1.15 0.00	41.81 0.94 0.00	45.07 1.31 0.00	55.14 1.81 0.00	69.53 2.67 0.00	57.63 2.26 -0.19	49.79 2.75 -1.92	41.20 2.69 -0.01	39.26 2.57 0.00	38.92 2.68 -0.01	39.90 2.61 0.00	40.96 2.68 0.00	41.37 2.67 0.00	47.36 3.06 -1.20	53.26 3.02 -2.34	59.33 3.33 -2.30	64.47 3.57 -1.41	57.26 3.01 -0.44	50.40 2.71 -0.17	46.65 2.64 -0.01	41.51 2.28 0.00
CALPINE_BETH_PAGE_GT_4 323586	47.70 1.88 0.00	43.67 1.60 0.00	40.77 1.23 0.00	40.77 1.11 0.00	41.81 0.94 0.00	45.07 1.31 0.00	55.09 1.76 0.00	69.53 2.68 0.00	57.74 2.37 -0.19	49.79 2.75 -1.92	41.20 2.69 -0.01	39.15 2.46 0.00	38.89 2.64 -0.01	39.90 2.61 0.00	40.77 2.49 0.00	41.36 2.67 0.00	47.36 3.06 -1.20	53.31 3.07 -2.34	59.28 3.28 -2.30	64.53 3.63 -1.41	57.32 3.07 -0.44	50.35 2.66 -0.17	46.65 2.64 -0.01	41.51 2.27 0.00
CALPINE_BP_GT1 23823	47.70 1.88 0.00	43.67 1.60 0.00	40.77 1.23 0.00	40.77 1.11 0.00	41.81 0.94 0.00	45.07 1.31 0.00	55.09 1.76 0.00	69.53 2.68 0.00	57.74 2.37 -0.19	49.79 2.75 -1.92	41.20 2.69 -0.01	39.15 2.46 0.00	38.89 2.64 -0.01	39.90 2.61 0.00	40.77 2.49 0.00	41.36 2.67 0.00	47.36 3.06 -1.20	53.31 3.07 -2.34	59.28 3.28 -2.30	64.53 3.63 -1.41	57.32 3.07 -0.44	50.35 2.66 -0.17	46.65 2.64 -0.01	41.51 2.27 0.00
CALSPAN__DRP 24200	43.80 -2.02 0.00	39.92 -2.15 0.00	37.53 -2.02 0.00	37.48 -2.18 0.00	38.54 -2.33 0.00	40.56 -3.19 0.00	48.00 -5.33 0.00	59.54 -7.29 0.02	48.78 -6.35 0.05	40.25 -4.60 0.26	34.53 -3.96 0.00	32.34 -4.07 0.29	32.22 -3.99 0.02	33.17 -4.10 0.02	30.52 -4.13 3.63	29.45 -4.53 4.72	34.47 -5.26 3.37	41.43 -6.04 0.44	47.27 -6.12 0.31	53.59 -5.71 0.19	48.81 -4.95 0.06	42.41 -5.08 0.02	39.38 -4.62 0.00	36.05 -3.18 0.00

CALVERTON__SOLAR 323806	47.28 1.47 0.00	43.24 1.18 0.00	40.30 0.75 0.00	40.29 0.63 0.00	41.44 0.57 0.00	44.76 1.01 0.00	54.82 1.49 0.00	69.39 2.54 0.00	57.47 2.10 -0.19	49.56 2.53 -1.92	41.35 2.85 -0.01	39.15 2.46 0.00	38.88 2.64 -0.01	39.90 2.61 0.00	40.46 2.18 0.00	41.06 2.36 0.00	47.19 2.89 -1.19	53.69 3.45 -2.34	59.92 3.92 -2.30	65.12 4.22 -1.40	58.02 3.77 -0.43	50.82 3.14 -0.17	47.04 3.03 -0.01	41.63 2.39 0.00
CANDIGU_WT_PWR 323617	45.04 -0.78 0.00	41.14 -0.93 0.00	38.64 -0.91 0.00	38.67 -0.99 0.00	39.81 -1.06 0.00	42.22 -1.53 0.00	50.61 -2.72 0.00	63.01 -3.81 0.04	51.74 -3.37 0.07	42.07 -2.71 0.34	36.03 -2.46 0.00	32.68 -2.64 1.38	33.44 -2.76 0.04	34.39 -2.87 0.04	17.07 -2.87 18.34	11.48 -3.21 24.00	23.08 -3.49 16.54	43.47 -3.93 0.50	49.75 -3.55 0.41	55.86 -3.39 0.25	51.00 -2.74 0.08	44.69 -2.80 0.03	41.53 -2.46 0.00	37.55 -1.69 0.00
CARR STREET_E_SYR 24060	45.68 -0.14 0.00	41.86 -0.21 0.00	39.35 -0.20 0.00	39.42 -0.24 0.00	40.67 -0.20 0.00	43.50 -0.26 0.00	52.96 -0.37 0.00	66.45 -0.40 0.00	54.80 -0.38 0.00	44.90 -0.22 0.00	38.30 -0.19 0.00	36.51 -0.18 0.00	36.02 -0.22 0.00	37.07 -0.22 0.00	38.01 -0.27 0.00	38.43 -0.27 0.00	42.81 -0.30 0.00	47.37 -0.53 0.00	53.38 -0.32 0.00	59.14 -0.35 0.00	53.49 -0.32 0.00	47.09 -0.43 0.00	43.60 -0.40 0.00	38.92 -0.32 0.00
CARTHAGE__PAPER 23857	46.27 0.46 0.00	42.45 0.38 0.00	39.90 0.36 0.00	40.14 0.48 0.00	41.28 0.41 0.00	44.15 0.39 0.00	54.34 1.01 0.00	68.19 1.34 0.00	56.39 1.21 0.00	44.90 -0.22 0.00	37.73 -0.77 0.00	35.92 -0.77 0.00	35.33 -0.90 0.00	36.18 -1.12 0.00	37.47 -0.81 0.00	38.35 -0.35 0.00	42.50 -0.60 0.00	47.66 -0.24 0.00	53.81 0.11 0.00	59.97 0.47 0.00	54.19 0.38 0.00	48.14 0.62 0.00	44.53 0.53 0.00	39.74 0.51 0.00
CASSADAGA_WT_PWR 323784	44.58 -1.23 0.00	40.64 -1.43 0.00	37.96 -1.58 0.00	37.80 -1.86 0.00	38.58 -2.29 0.00	40.56 -3.19 0.00	48.11 -5.22 0.00	59.61 -7.22 0.02	48.62 -6.51 0.05	39.74 -5.10 0.28	33.84 -4.66 0.00	31.67 -4.81 0.22	31.42 -4.78 0.02	32.31 -4.96 0.02	30.59 -4.98 2.71	29.89 -5.30 3.51	34.65 -5.90 2.56	40.94 -6.51 0.44	47.36 -6.01 0.33	53.70 -5.59 0.20	49.12 -4.63 0.06	42.84 -4.66 0.02	39.95 -4.05 0.00	36.45 -2.78 0.00
CE_DUNWOOD__DRP 24194	47.05 1.24 0.00	43.20 1.14 0.00	40.50 0.95 0.00	40.53 0.87 0.00	41.69 0.82 0.00	44.89 1.14 0.00	54.98 1.65 0.00	69.19 2.34 0.00	57.53 2.15 -0.20	49.26 2.17 -1.97	40.38 1.89 0.00	38.53 1.83 0.00	38.12 1.88 0.00	39.20 1.90 0.00	40.23 1.95 0.00	40.71 2.01 0.00	46.56 2.24 -1.22	52.60 2.30 -2.41	58.42 2.36 -2.35	63.49 2.56 -1.43	56.35 2.10 -0.44	49.63 1.95 -0.16	45.85 1.85 0.00	40.72 1.49 0.00
CE_MILLWOOD__DRP 24193	47.01 1.19 0.00	43.16 1.09 0.00	40.42 0.87 0.00	40.49 0.83 0.00	41.61 0.74 0.00	44.81 1.05 0.00	54.88 1.55 0.00	68.99 2.14 0.00	57.36 1.99 -0.20	49.12 2.03 -1.97	40.27 1.77 0.00	38.38 1.69 0.00	38.01 1.78 0.00	39.08 1.79 0.00	40.12 1.84 0.00	40.59 1.90 0.00	46.44 2.11 -1.22	52.46 2.16 -2.41	58.26 2.20 -2.35	63.31 2.38 -1.43	56.24 1.99 -0.44	49.49 1.81 -0.16	45.76 1.76 0.00	40.61 1.37 0.00
CE_NYC2_DRP 24202	47.56 1.74 -0.01	43.63 1.56 -0.01	40.81 1.27 0.00	40.85 1.19 0.00	42.01 1.14 0.00	45.24 1.49 0.00	55.25 1.92 0.00	69.39 2.54 0.00	57.80 2.43 -0.19	49.75 2.71 -1.92	40.84 2.35 0.00	38.93 2.24 0.00	38.59 2.36 0.00	39.64 2.35 0.00	40.69 2.41 0.00	41.21 2.52 0.00	47.01 2.72 -1.19	52.98 2.73 -2.35	58.68 2.69 -2.29	63.75 2.86 -1.40	56.61 2.37 -0.43	50.05 2.38 -0.16	46.29 2.29 0.00	41.12 1.88 -0.01
CE_NYC_DRP 24195	47.28 1.47 0.00	43.37 1.30 0.00	40.61 1.07 0.00	40.65 0.99 0.00	41.77 0.90 0.00	45.07 1.31 0.00	55.25 1.92 0.00	69.53 2.67 0.00	57.85 2.48 -0.19	49.62 2.57 -1.92	40.69 2.19 0.00	38.79 2.09 0.00	38.44 2.21 0.00	39.49 2.20 0.00	40.54 2.26 0.00	41.06 2.36 0.00	46.88 2.59 -1.19	52.88 2.63 -2.35	58.68 2.69 -2.29	63.75 2.86 -1.40	56.61 2.37 -0.43	49.91 2.23 -0.16	46.07 2.07 0.00	40.88 1.65 0.00
CHAFFEE__LFGE 323603	43.89 -1.92 0.00	40.05 -2.02 0.00	37.61 -1.94 0.00	37.64 -2.02 0.00	38.62 -2.25 0.00	40.69 -3.06 0.00	48.21 -5.12 0.00	59.81 -7.02 0.02	49.12 -6.01 0.05	40.52 -4.33 0.27	34.72 -3.77 0.00	32.64 -3.82 0.24	32.37 -3.84 0.02	33.32 -3.95 0.02	31.39 -3.86 3.02	30.41 -4.37 3.92	35.19 -5.09 2.83	41.61 -5.85 0.44	47.63 -5.75 0.32	53.64 -5.65 0.20	48.96 -4.79 0.06	42.60 -4.89 0.02	39.60 -4.40 0.00	36.13 -3.10 0.00
CHATEAUG_35_KV_LOAD 355732	45.91 0.09 0.00	42.19 0.13 0.00	39.78 0.24 0.00	40.10 0.44 0.00	41.56 0.69 0.00	44.41 0.66 0.00	54.02 0.69 0.00	67.59 0.74 0.00	55.56 0.39 0.00	45.39 0.27 0.00	38.76 0.27 0.00	36.88 0.18 0.00	36.38 0.14 0.00	37.41 0.11 0.00	38.36 0.08 0.00	38.85 0.15 0.00	43.19 0.09 0.00	48.09 0.19 0.00	53.65 -0.05 0.00	59.55 0.06 0.00	53.98 0.16 0.00	48.04 0.52 0.00	44.48 0.48 0.00	39.86 0.63 0.00
CHATEAUG_WT_PWR 323614	45.86 0.05 0.00	42.15 0.08 0.00	39.75 0.20 0.00	40.06 0.40 0.00	41.52 0.65 0.00	44.37 0.61 0.00	53.92 0.59 0.00	67.52 0.67 0.00	55.57 0.39 0.00	45.44 0.32 0.00	38.80 0.31 0.00	36.99 0.29 0.00	36.45 0.22 0.00	37.48 0.19 0.00	38.43 0.15 0.00	38.93 0.23 0.00	43.19 0.09 0.00	48.04 0.14 0.00	53.44 -0.27 0.00	59.44 -0.06 0.00	53.81 0.00 0.00	47.99 0.48 0.00	44.35 0.35 0.00	39.74 0.51 0.00
CHAT_HIGH_FALL_HYD 323578	45.91 0.09 0.00	42.19 0.13 0.00	39.78 0.24 0.00	40.10 0.44 0.00	41.56 0.69 0.00	44.41 0.66 0.00	54.02 0.69 0.00	67.59 0.74 0.00	55.56 0.39 0.00	45.39 0.27 0.00	38.76 0.27 0.00	36.88 0.18 0.00	36.38 0.14 0.00	37.41 0.11 0.00	38.36 0.08 0.00	38.85 0.15 0.00	43.19 0.09 0.00	48.09 0.19 0.00	53.65 -0.05 0.00	59.55 0.06 0.00	53.98 0.16 0.00	48.04 0.52 0.00	44.48 0.48 0.00	39.86 0.63 0.00
CHAUTAUQUA__LFGE 323629	44.21 -1.60 0.00	40.30 -1.77 0.00	37.77 -1.78 0.00	37.68 -1.98 0.00	38.54 -2.33 0.00	40.56 -3.19 0.00	48.11 -5.22 0.00	59.68 -7.15 0.02	48.78 -6.34 0.05	40.15 -4.69 0.27	34.34 -4.16 0.00	32.18 -4.26 0.26	31.97 -4.24 0.02	32.83 -4.44 0.02	30.58 -4.44 3.26	29.66 -4.80 4.23	34.58 -5.48 3.05	41.37 -6.08 0.44	47.58 -5.80 0.32	53.77 -5.53 0.20	49.13 -4.63 0.06	42.79 -4.71 0.02	39.86 -4.14 0.00	36.33 -2.90 0.00
CHERRYST_13_KV_LD 356241	47.37 1.56 0.00	43.50 1.43 0.00	40.69 1.15 0.00	40.73 1.07 0.00	41.89 1.02 0.00	45.16 1.40 0.00	55.41 2.08 0.00	69.73 2.87 0.00	58.02 2.65 -0.19	49.75 2.71 -1.92	40.84 2.35 0.00	38.93 2.24 0.00	38.55 2.32 0.00	39.64 2.35 0.00	40.69 2.41 0.00	41.17 2.48 0.00	47.01 2.72 -1.19	53.03 2.78 -2.35	58.84 2.85 -2.29	63.93 3.03 -1.40	56.77 2.53 -0.43	50.01 2.33 -0.16	46.20 2.20 0.00	41.00 1.77 0.00

CHESTROR_138KV_BK263 355645	46.64 0.82 0.00	42.78 0.72 0.00	40.14 0.59 0.00	40.18 0.52 0.00	41.28 0.41 0.00	44.41 0.66 0.00	54.40 1.07 0.00	68.26 1.40 0.00	56.09 1.32 0.42	42.32 1.35 4.15	39.65 1.15 0.00	37.87 1.17 0.00	37.46 1.23 0.00	38.52 1.23 0.00	39.54 1.26 0.00	40.01 1.32 0.00	42.01 1.47 2.57	44.36 1.53 5.07	50.31 1.56 4.95	58.14 1.67 3.02	54.18 1.29 0.92	48.41 1.24 0.34	45.19 1.19 0.00	40.17 0.94 0.00
CH_MIDHUDSON__DRP 24192	47.01 1.19 0.00	43.20 1.14 0.00	40.50 0.95 0.00	40.57 0.91 0.00	41.69 0.82 0.00	44.89 1.14 0.00	55.04 1.71 0.00	68.99 2.14 0.00	57.11 1.93 0.00	46.83 1.71 0.00	39.96 1.46 0.00	38.13 1.43 0.00	37.72 1.49 0.00	38.78 1.49 0.00	39.81 1.53 0.00	40.32 1.63 0.00	44.96 1.85 0.00	49.91 2.01 0.00	55.80 2.09 0.00	61.82 2.32 0.00	55.70 1.88 0.00	49.18 1.66 0.00	45.58 1.58 0.00	40.49 1.26 0.00
CH_MISC_IPPS 23765	47.24 1.42 0.00	43.37 1.31 0.00	40.62 1.07 0.00	40.73 1.07 0.00	41.85 0.98 0.00	45.03 1.27 0.00	55.25 1.92 0.00	69.25 2.40 0.00	57.27 2.15 0.05	46.38 1.81 0.54	39.96 1.46 0.00	38.09 1.39 0.00	37.75 1.52 0.00	38.82 1.53 0.00	39.89 1.61 0.00	40.40 1.70 0.00	44.71 1.94 0.34	49.39 2.16 0.66	55.42 2.36 0.65	61.66 2.56 0.40	55.74 2.04 0.12	49.23 1.76 0.04	45.67 1.67 0.00	40.61 1.37 0.00
CH_RES_BVR_FALLS 23983	45.77 -0.05 0.00	42.03 -0.04 0.00	39.51 -0.04 0.00	39.66 0.00 0.00	40.95 0.08 0.00	43.80 0.04 0.00	53.33 0.00 0.00	66.78 -0.07 0.00	55.07 -0.11 0.00	45.07 -0.05 0.00	38.46 -0.04 0.00	36.66 -0.04 0.00	36.20 -0.04 0.00	37.26 -0.04 0.00	38.20 -0.08 0.00	38.66 -0.04 0.00	43.02 -0.09 0.00	47.80 -0.10 0.00	53.49 -0.21 0.00	59.32 -0.18 0.00	53.65 -0.16 0.00	47.47 -0.05 0.00	43.95 -0.04 0.00	39.27 0.04 0.00
CH_RES_NIAGARA 23895	43.11 -2.70 0.00	39.33 -2.73 0.00	37.06 -2.49 0.00	37.00 -2.66 0.00	38.05 -2.82 0.00	39.60 -4.16 0.00	46.45 -6.88 0.00	57.34 -9.49 0.02	47.02 -8.11 0.04	39.28 -5.59 0.25	33.80 -4.70 0.00	31.40 -5.06 0.23	31.36 -4.85 0.02	32.20 -5.07 0.02	30.40 -4.94 2.94	29.89 -4.99 3.82	34.54 -5.82 2.75	40.20 -7.28 0.42	45.89 -7.52 0.29	52.00 -7.32 0.18	47.30 -6.46 0.05	41.08 -6.42 0.02	38.19 -5.81 0.00	35.15 -4.08 0.00
CH_RES_SYRACUSE 23985	46.00 0.18 0.00	42.15 0.08 0.00	39.59 0.04 0.00	39.70 0.04 0.00	40.95 0.08 0.00	43.80 0.04 0.00	53.33 0.00 0.00	66.92 0.07 0.00	55.18 0.00 0.00	45.16 0.05 0.00	38.53 0.04 0.00	36.73 0.04 0.00	36.23 0.00 0.00	37.29 0.00 0.00	38.24 -0.04 0.00	38.62 -0.08 0.00	43.06 -0.04 0.00	47.71 -0.19 0.00	53.76 0.05 0.00	59.55 0.06 0.00	53.87 0.05 0.00	47.42 -0.09 0.00	43.91 -0.09 0.00	39.19 -0.04 0.00
CLINTON_WT_PWR 323605	45.86 0.05 0.00	42.15 0.08 0.00	39.75 0.20 0.00	40.06 0.40 0.00	41.52 0.65 0.00	44.37 0.61 0.00	53.92 0.59 0.00	67.52 0.67 0.00	55.57 0.39 0.00	45.44 0.32 0.00	38.80 0.31 0.00	36.99 0.29 0.00	36.45 0.22 0.00	37.48 0.19 0.00	38.43 0.15 0.00	38.93 0.23 0.00	43.19 0.09 0.00	48.04 0.14 0.00	53.44 -0.27 0.00	59.44 -0.06 0.00	53.81 0.00 0.00	47.99 0.48 0.00	44.35 0.35 0.00	39.74 0.51 0.00
CLINTON__LFGE 323618	47.01 1.19 0.00	43.16 1.09 0.00	40.73 1.19 0.00	41.09 1.43 0.00	42.63 1.76 0.00	45.51 1.75 0.00	55.41 2.08 0.00	69.46 2.60 0.00	57.06 1.88 0.00	46.47 1.35 0.00	39.73 1.23 0.00	37.90 1.21 0.00	37.36 1.12 0.00	38.41 1.12 0.00	39.35 1.07 0.00	39.90 1.20 0.00	43.84 0.73 0.00	48.80 0.91 0.00	54.19 0.48 0.00	60.44 0.95 0.00	54.73 0.91 0.00	48.85 1.33 0.00	45.10 1.10 0.00	40.41 1.18 0.00
COBBLENY_34_KV_TB1 80064	43.89 -1.92 0.00	40.05 -2.02 0.00	37.61 -1.94 0.00	37.56 -2.10 0.00	38.62 -2.25 0.00	40.69 -3.06 0.00	48.21 -5.12 0.00	59.81 -7.02 0.02	49.00 -6.12 0.05	40.38 -4.47 0.27	34.65 -3.85 0.00	32.53 -3.93 0.24	32.40 -3.80 0.02	33.35 -3.92 0.02	31.32 -3.94 3.02	30.37 -4.41 3.92	35.14 -5.13 2.83	41.56 -5.89 0.44	47.42 -5.96 0.32	53.82 -5.47 0.20	48.96 -4.79 0.06	42.56 -4.94 0.02	39.51 -4.49 0.00	36.13 -3.10 0.00
COFFEEN__115KV_TB3 355620	46.78 0.96 0.00	42.83 0.76 0.00	40.22 0.67 0.00	40.49 0.83 0.00	41.65 0.78 0.00	44.59 0.83 0.00	54.98 1.65 0.00	69.06 2.21 0.00	56.61 1.43 0.00	45.07 -0.05 0.00	37.88 -0.62 0.00	36.03 -0.66 0.00	35.43 -0.80 0.00	36.32 -0.97 0.00	37.63 -0.65 0.00	38.50 -0.19 0.00	42.98 -0.13 0.00	48.09 0.19 0.00	54.51 0.81 0.00	60.74 1.25 0.00	54.84 1.02 0.00	48.61 1.09 0.00	44.92 0.92 0.00	40.06 0.82 0.00
COLDSRPG_115KV_BK1 355956	44.67 -1.15 0.00	40.72 -1.35 0.00	38.12 -1.42 0.00	37.99 -1.67 0.00	38.95 -1.92 0.00	41.09 -2.67 0.00	48.96 -4.37 0.00	61.01 -5.82 0.03	49.77 -5.35 0.05	40.55 -4.29 0.28	34.68 -3.81 0.00	32.83 -3.71 0.16	32.51 -3.70 0.03	33.54 -3.73 0.03	32.73 -3.71 1.84	31.89 -4.45 2.36	36.28 -5.04 1.78	41.84 -5.60 0.45	47.94 -5.42 0.34	54.53 -4.76 0.21	49.66 -4.09 0.06	43.27 -4.23 0.02	40.13 -3.87 0.00	36.72 -2.51 0.00
COLONIE_LFGE__ 323577	46.41 0.59 0.00	42.74 0.67 0.00	40.22 0.67 0.00	40.33 0.67 0.00	41.48 0.61 0.00	44.59 0.83 0.00	54.61 1.28 0.00	68.39 1.54 0.00	56.54 1.32 -0.04	46.20 0.72 -0.36	39.11 0.61 0.00	37.17 0.48 0.00	36.78 0.54 0.00	37.82 0.52 0.00	38.85 0.58 0.00	39.39 0.70 0.00	44.19 0.86 -0.22	49.48 1.15 -0.44	55.42 1.29 -0.43	61.12 1.37 -0.26	55.08 1.18 -0.08	48.50 0.95 -0.03	44.88 0.88 0.00	39.82 0.59 0.00
COOPERNY_115KV_TB1 80082	46.50 0.69 0.00	42.66 0.59 0.00	40.02 0.47 0.00	40.10 0.44 0.00	41.20 0.33 0.00	44.28 0.53 0.00	54.18 0.85 0.00	68.05 1.20 0.00	56.01 1.10 0.28	43.55 1.17 2.75	39.50 1.00 0.00	37.72 1.03 0.00	37.32 1.09 0.00	38.37 1.08 0.00	39.39 1.11 0.00	39.86 1.16 0.00	42.70 1.29 1.70	45.88 1.34 3.35	51.77 1.34 3.27	58.92 1.43 2.00	54.33 1.13 0.61	48.34 1.05 0.23	45.01 1.01 0.00	40.06 0.82 0.00
COPENHAGEN_WT_PWR 323753	46.46 0.64 0.00	42.57 0.51 0.00	39.98 0.44 0.00	40.26 0.60 0.00	41.40 0.53 0.00	44.32 0.57 0.00	54.56 1.23 0.00	68.52 1.67 0.00	56.22 1.05 0.00	44.90 -0.22 0.00	37.76 -0.73 0.00	36.00 -0.70 0.00	35.40 -0.83 0.00	36.25 -1.04 0.00	37.55 -0.73 0.00	38.39 -0.31 0.00	42.76 -0.35 0.00	47.80 -0.10 0.00	54.13 0.43 0.00	60.27 0.77 0.00	54.41 0.59 0.00	48.28 0.76 0.00	44.61 0.62 0.00	39.78 0.55 0.00
CORNELL____ 23752	46.92 1.10 0.00	42.95 0.88 0.00	40.34 0.79 0.00	40.41 0.75 0.00	41.73 0.86 0.00	44.59 0.83 0.00	54.34 1.01 0.00	68.27 1.34 -0.08	56.16 0.94 -0.04	45.38 0.63 0.37	38.88 0.38 0.00	37.19 0.33 -0.16	36.56 0.25 -0.08	37.67 0.30 -0.08	39.85 0.34 -1.22	40.36 0.23 -1.44	44.24 0.39 -0.75	47.92 0.38 0.36	54.12 0.86 0.44	60.36 1.13 0.27	54.75 1.02 0.08	48.25 0.76 0.03	44.61 0.62 0.00	39.86 0.63 0.00

CORONA_69_KV_TB1 355595	47.65 1.83 0.00	43.67 1.60 0.00	40.81 1.27 0.00	40.85 1.19 0.00	41.97 1.10 0.00	45.20 1.44 0.00	55.36 2.03 0.00	69.79 2.94 0.00	57.85 2.48 -0.19	49.88 2.84 -1.92	41.13 2.62 -0.02	39.19 2.50 0.00	38.86 2.61 -0.02	39.87 2.57 0.00	40.88 2.60 0.00	41.33 2.63 0.00	47.28 2.97 -1.20	53.35 3.11 -2.34	59.34 3.33 -2.31	64.48 3.57 -1.41	57.33 3.07 -0.44	50.45 2.76 -0.18	46.66 2.64 -0.02	41.43 2.20 0.00
CORTLAND_115KV_TB3 80093	46.41 0.60 0.00	42.53 0.46 0.00	39.94 0.40 0.00	40.02 0.36 0.00	41.28 0.41 0.00	44.19 0.44 0.00	53.81 0.48 0.00	67.47 0.60 -0.02	55.61 0.44 0.01	45.11 0.27 0.28	38.65 0.15 0.00	36.83 0.11 -0.02	36.36 0.11 -0.02	37.43 0.11 -0.02	38.47 0.15 -0.03	38.77 0.08 0.00	43.10 0.17 0.18	47.67 0.10 0.32	53.74 0.38 0.34	59.82 0.54 0.21	54.24 0.48 0.06	47.78 0.29 0.02	44.26 0.26 0.00	39.51 0.27 0.00
COXSACKIE___GT 23611	47.88 2.06 0.00	44.00 1.94 0.00	41.33 1.78 0.00	41.56 1.90 0.00	42.71 1.84 0.00	45.86 2.10 0.00	56.26 2.93 0.00	69.86 3.01 0.00	57.88 2.70 0.00	46.34 1.22 0.00	38.92 0.42 0.00	37.06 0.37 0.00	36.67 0.44 0.00	37.82 0.52 0.00	38.93 0.65 0.00	39.59 0.89 0.00	44.70 1.60 0.00	50.10 2.20 0.00	56.55 2.84 0.00	62.71 3.21 0.00	55.97 2.15 0.00	49.28 1.76 0.00	45.63 1.63 0.00	40.69 1.45 0.00
CPV_VALLEY___CC1 323721	46.37 0.55 0.00	42.49 0.42 0.00	39.86 0.31 0.00	39.90 0.24 0.00	41.03 0.16 0.00	44.15 0.39 0.00	54.02 0.69 0.00	67.86 1.00 0.00	55.85 1.05 0.37	42.52 1.08 3.68	39.42 0.92 0.00	37.61 0.92 0.00	37.24 1.01 0.00	38.34 1.04 0.00	39.35 1.07 0.00	39.78 1.08 0.00	42.04 1.21 2.28	44.69 1.29 4.50	50.60 1.29 4.39	58.18 1.37 2.68	54.02 1.02 0.82	48.12 0.90 0.30	44.92 0.93 0.00	39.94 0.71 0.00
CPV_VALLEY___CC2 323722	46.37 0.55 0.00	42.49 0.42 0.00	39.86 0.31 0.00	39.90 0.24 0.00	41.03 0.16 0.00	44.15 0.39 0.00	54.02 0.69 0.00	67.86 1.00 0.00	55.85 1.05 0.37	42.52 1.08 3.68	39.42 0.92 0.00	37.61 0.92 0.00	37.24 1.01 0.00	38.34 1.04 0.00	39.35 1.07 0.00	39.78 1.08 0.00	42.04 1.21 2.28	44.69 1.29 4.50	50.60 1.29 4.39	58.18 1.37 2.68	54.02 1.02 0.82	48.12 0.90 0.30	44.92 0.93 0.00	39.94 0.71 0.00
CRESCENT___HYD 24018	46.41 0.59 0.00	42.74 0.67 0.00	40.22 0.67 0.00	40.33 0.67 0.00	41.48 0.61 0.00	44.59 0.83 0.00	54.61 1.28 0.00	68.39 1.54 0.00	56.54 1.32 -0.04	46.20 0.72 -0.36	39.11 0.61 0.00	37.17 0.48 0.00	36.78 0.54 0.00	37.82 0.52 0.00	38.85 0.58 0.00	39.39 0.70 0.00	44.19 0.86 -0.22	49.48 1.15 -0.44	55.42 1.29 -0.43	61.12 1.37 -0.26	55.08 1.18 -0.08	48.50 0.95 -0.03	44.88 0.88 0.00	39.82 0.59 0.00
CRICKET___VALLEY_CC1 323756	46.46 0.64 0.00	42.70 0.63 0.00	40.02 0.48 0.00	40.10 0.44 0.00	41.24 0.37 0.00	44.41 0.66 0.00	54.40 1.07 0.00	68.32 1.47 0.00	56.77 1.49 -0.10	47.48 1.35 -1.00	39.73 1.23 0.00	37.83 1.14 0.00	37.46 1.23 0.00	38.52 1.23 0.00	39.50 1.22 0.00	40.01 1.32 0.00	45.23 1.51 -0.62	50.70 1.58 -1.23	56.57 1.67 -1.20	61.95 1.73 -0.73	55.43 1.40 -0.22	48.79 1.19 -0.08	45.19 1.19 0.00	40.09 0.86 0.00
CRICKET___VALLEY_CC2 323757	46.46 0.64 0.00	42.70 0.63 0.00	40.02 0.48 0.00	40.10 0.44 0.00	41.24 0.37 0.00	44.41 0.66 0.00	54.40 1.07 0.00	68.32 1.47 0.00	56.77 1.49 -0.10	47.48 1.35 -1.00	39.73 1.23 0.00	37.83 1.14 0.00	37.46 1.23 0.00	38.52 1.23 0.00	39.50 1.22 0.00	40.01 1.32 0.00	45.23 1.51 -0.62	50.70 1.58 -1.23	56.57 1.67 -1.20	61.95 1.73 -0.73	55.43 1.40 -0.22	48.79 1.19 -0.08	45.19 1.19 0.00	40.09 0.86 0.00
CRICKET___VALLEY_CC3 323758	46.46 0.64 0.00	42.70 0.63 0.00	40.02 0.48 0.00	40.10 0.44 0.00	41.24 0.37 0.00	44.41 0.66 0.00	54.40 1.07 0.00	68.32 1.47 0.00	56.77 1.49 -0.10	47.48 1.35 -1.00	39.73 1.23 0.00	37.83 1.14 0.00	37.46 1.23 0.00	38.52 1.23 0.00	39.50 1.22 0.00	40.01 1.32 0.00	45.23 1.51 -0.62	50.70 1.58 -1.23	56.57 1.67 -1.20	61.95 1.73 -0.73	55.43 1.40 -0.22	48.79 1.19 -0.08	45.19 1.19 0.00	40.09 0.86 0.00
CRUCIBLE_METL_DRP 24180	46.00 0.18 0.00	42.15 0.08 0.00	39.59 0.04 0.00	39.70 0.04 0.00	40.95 0.08 0.00	43.80 0.04 0.00	53.33 0.00 0.00	66.92 0.07 0.00	55.18 0.00 0.00	45.16 0.05 0.00	38.53 0.04 0.00	36.69 0.00 0.00	36.23 0.00 0.00	37.29 0.00 0.00	38.24 -0.04 0.00	38.62 -0.08 0.00	43.06 -0.04 0.00	47.71 -0.19 0.00	53.70 0.00 0.00	59.55 0.06 0.00	53.87 0.05 0.00	47.47 -0.05 0.00	43.91 -0.09 0.00	39.19 -0.04 0.00
DAHOWA___HYDRO 323763	46.78 0.96 0.00	42.99 0.92 0.00	40.46 0.91 0.00	40.57 0.91 0.00	41.77 0.90 0.00	44.89 1.14 0.00	55.04 1.71 0.00	69.05 2.20 0.00	56.87 1.65 -0.03	46.26 0.81 -0.33	38.99 0.50 0.00	37.02 0.33 0.00	36.70 0.47 0.00	37.85 0.56 0.00	38.93 0.65 0.00	39.51 0.81 0.00	44.34 1.03 -0.20	49.74 1.44 -0.40	55.87 1.77 -0.39	61.58 1.85 -0.24	55.50 1.61 -0.07	48.88 1.33 -0.03	45.19 1.19 0.00	40.06 0.83 0.00
DANC___LFGE 323619	45.91 0.09 0.00	42.07 0.00 0.00	39.51 -0.04 0.00	39.74 0.08 0.00	40.91 0.04 0.00	43.80 0.04 0.00	53.81 0.48 0.00	67.52 0.67 0.00	55.46 0.28 0.00	44.53 -0.59 0.00	37.61 -0.88 0.00	35.81 -0.88 0.00	35.25 -0.98 0.00	36.18 -1.12 0.00	37.36 -0.92 0.00	38.08 -0.62 0.00	42.46 -0.65 0.00	47.42 -0.48 0.00	53.60 -0.11 0.00	59.61 0.12 0.00	53.87 0.05 0.00	47.66 0.14 0.00	44.09 0.09 0.00	39.31 0.08 0.00
DANSKAMMER___1 23586	47.24 1.42 0.00	43.37 1.31 0.00	40.62 1.07 0.00	40.73 1.07 0.00	41.85 0.98 0.00	45.03 1.27 0.00	55.25 1.92 0.00	69.25 2.40 0.00	57.27 2.15 0.05	46.38 1.81 0.54	39.96 1.46 0.00	38.09 1.39 0.00	37.75 1.52 0.00	38.82 1.53 0.00	39.89 1.61 0.00	40.40 1.70 0.00	44.71 1.94 0.34	49.39 2.16 0.66	55.42 2.36 0.65	61.66 2.56 0.40	55.74 2.04 0.12	49.23 1.76 0.04	45.67 1.67 0.00	40.61 1.37 0.00
DANSKAMMER___2 23589	47.24 1.42 0.00	43.37 1.31 0.00	40.62 1.07 0.00	40.73 1.07 0.00	41.85 0.98 0.00	45.03 1.27 0.00	55.25 1.92 0.00	69.25 2.40 0.00	57.27 2.15 0.05	46.38 1.81 0.54	39.96 1.46 0.00	38.09 1.39 0.00	37.75 1.52 0.00	38.82 1.53 0.00	39.89 1.61 0.00	40.40 1.70 0.00	44.71 1.94 0.34	49.39 2.16 0.66	55.42 2.36 0.65	61.66 2.56 0.40	55.74 2.04 0.12	49.23 1.76 0.04	45.67 1.67 0.00	40.61 1.37 0.00
DANSKAMMER___3 23590	47.24 1.42 0.00	43.37 1.31 0.00	40.62 1.07 0.00	40.73 1.07 0.00	41.85 0.98 0.00	45.03 1.27 0.00	55.25 1.92 0.00	69.25 2.40 0.00	57.27 2.15 0.05	46.38 1.81 0.54	39.96 1.46 0.00	38.09 1.39 0.00	37.75 1.52 0.00	38.82 1.53 0.00	39.89 1.61 0.00	40.40 1.70 0.00	44.71 1.94 0.34	49.39 2.16 0.66	55.42 2.36 0.65	61.66 2.56 0.40	55.74 2.04 0.12	49.23 1.76 0.04	45.67 1.67 0.00	40.61 1.37 0.00

DANSKAMMER___4 23591	47.24 1.42 0.00	43.37 1.31 0.00	40.62 1.07 0.00	40.73 1.07 0.00	41.85 0.98 0.00	45.03 1.27 0.00	55.25 1.92 0.00	69.25 2.40 0.00	57.27 2.15 0.05	46.38 1.81 0.54	39.96 1.46 0.00	38.09 1.39 0.00	37.75 1.52 0.00	38.82 1.53 0.00	39.89 1.61 0.00	40.40 1.70 0.00	44.71 1.94 0.34	49.39 2.16 0.66	55.42 2.36 0.65	61.66 2.56 0.40	55.74 2.04 0.12	49.23 1.76 0.04	45.67 1.67 0.00	40.61 1.37 0.00
DANSKAMMER___DIESEL 23592	47.24 1.42 0.00	43.37 1.30 0.00	40.65 1.11 0.00	40.73 1.07 0.00	41.85 0.98 0.00	45.03 1.27 0.00	55.25 1.92 0.00	69.26 2.41 0.00	57.22 2.10 0.05	46.38 1.80 0.54	39.96 1.46 0.00	38.16 1.47 0.00	37.75 1.52 0.00	38.82 1.53 0.00	39.89 1.61 0.00	40.44 1.74 0.00	44.75 1.98 0.34	49.34 2.11 0.66	55.37 2.31 0.65	61.60 2.50 0.40	55.74 2.04 0.12	49.28 1.81 0.04	45.67 1.67 0.00	40.61 1.37 0.00
DARBY___SOLAR 323810	46.73 0.92 0.00	42.99 0.92 0.00	40.42 0.87 0.00	40.57 0.91 0.00	41.73 0.86 0.00	44.85 1.09 0.00	54.93 1.60 0.00	68.93 2.07 0.00	56.75 1.54 -0.03	46.22 0.77 -0.33	38.99 0.50 0.00	37.02 0.33 0.00	36.67 0.44 0.00	37.82 0.52 0.00	38.89 0.61 0.00	39.51 0.81 0.00	44.35 1.03 -0.21	49.70 1.39 -0.41	55.77 1.67 -0.40	61.52 1.78 -0.24	55.45 1.56 -0.07	48.83 1.28 -0.03	45.19 1.19 0.00	40.02 0.78 0.00
DASHVILLE___HYD 23610	46.96 1.15 0.00	43.12 1.05 0.00	40.42 0.87 0.00	40.53 0.87 0.00	41.65 0.78 0.00	44.76 1.01 0.00	54.88 1.55 0.00	68.59 1.74 0.00	57.18 2.04 0.04	46.41 1.71 0.43	39.53 1.04 0.00	37.76 1.06 0.00	37.35 1.12 0.00	38.41 1.12 0.00	39.47 1.19 0.00	39.93 1.24 0.00	44.65 1.81 0.26	49.39 2.01 0.52	55.13 1.93 0.51	61.62 2.44 0.31	55.17 1.45 0.09	49.20 1.71 0.04	45.32 1.32 0.00	40.33 1.10 0.00
DELAWARE___LFGE 323621	46.78 0.96 0.00	42.87 0.80 0.00	40.26 0.71 0.00	40.37 0.71 0.00	41.56 0.69 0.00	44.59 0.83 0.00	54.50 1.17 0.00	68.26 1.40 0.00	56.32 1.21 0.07	45.37 0.95 0.70	39.19 0.69 0.00	37.47 0.77 0.00	36.99 0.76 0.00	38.11 0.82 0.00	39.20 0.92 0.00	39.59 0.89 0.00	43.67 0.99 0.43	48.10 1.05 0.85	54.11 1.24 0.83	60.30 1.31 0.51	54.79 1.13 0.15	48.41 0.95 0.06	44.88 0.88 0.00	40.02 0.78 0.00
DERFIELD_115KV_TB7 355931	45.77 -0.05 0.00	42.07 0.00 0.00	39.51 -0.04 0.00	39.62 -0.04 0.00	40.83 -0.04 0.00	43.76 0.00 0.00	53.38 0.05 0.00	66.92 0.07 0.00	55.23 0.06 0.00	45.12 0.00 0.00	38.49 0.00 0.00	36.69 0.00 0.00	36.23 0.00 0.00	37.29 0.00 0.00	38.32 0.04 0.00	38.74 0.04 0.00	43.15 0.00 0.00	47.95 0.05 0.00	53.76 0.05 0.00	59.55 0.06 0.00	53.87 0.05 0.00	47.52 0.00 0.00	44.04 0.04 0.00	39.23 0.00 0.00
DOGLEVILLE___HYD 23807	45.08 -0.73 0.00	41.44 -0.63 0.00	38.99 -0.55 0.00	39.15 -0.52 0.00	40.30 -0.57 0.00	43.28 -0.48 0.00	52.90 -0.43 0.00	66.32 -0.53 0.00	54.74 -0.44 0.00	44.67 -0.45 0.00	38.03 -0.46 0.00	36.25 -0.44 0.00	35.76 -0.47 0.00	36.77 -0.52 0.00	37.74 -0.54 0.00	38.15 -0.54 0.00	42.50 -0.60 0.00	47.18 -0.72 0.00	52.90 -0.81 0.00	58.54 -0.95 0.00	52.95 -0.86 0.00	46.76 -0.76 0.00	43.29 -0.70 0.00	38.57 -0.67 0.00
DUNKIRK___115KV_TB_200 55889	44.17 -1.65 0.00	40.26 -1.81 0.00	37.77 -1.78 0.00	37.60 -2.06 0.00	38.58 -2.29 0.00	40.61 -3.15 0.00	48.16 -5.17 0.00	59.74 -7.09 0.02	48.78 -6.35 0.05	40.11 -4.74 0.27	34.38 -4.12 0.00	32.17 -4.26 0.26	32.04 -4.17 0.02	32.98 -4.29 0.02	30.56 -4.40 3.31	29.63 -4.76 4.30	34.62 -5.39 3.10	41.42 -6.04 0.44	47.42 -5.96 0.32	53.94 -5.35 0.20	49.13 -4.63 0.06	42.79 -4.70 0.02	39.73 -4.27 0.00	36.33 -2.90 0.00
DUNKIRK___1 23563	44.17 -1.65 0.00	40.26 -1.81 0.00	37.77 -1.78 0.00	37.60 -2.06 0.00	38.58 -2.29 0.00	40.61 -3.15 0.00	48.16 -5.17 0.00	59.74 -7.09 0.02	48.78 -6.35 0.05	40.11 -4.74 0.27	34.38 -4.12 0.00	32.17 -4.26 0.26	32.04 -4.17 0.02	32.98 -4.29 0.02	30.56 -4.40 3.31	29.63 -4.76 4.30	34.62 -5.39 3.10	41.42 -6.04 0.44	47.42 -5.96 0.32	53.94 -5.35 0.20	49.13 -4.63 0.06	42.79 -4.70 0.02	39.73 -4.27 0.00	36.33 -2.90 0.00
DUNKIRK___2 23564	44.17 -1.65 0.00	40.26 -1.81 0.00	37.77 -1.78 0.00	37.60 -2.06 0.00	38.58 -2.29 0.00	40.61 -3.15 0.00	48.16 -5.17 0.00	59.74 -7.09 0.02	48.78 -6.35 0.05	40.11 -4.74 0.27	34.38 -4.12 0.00	32.17 -4.26 0.26	32.04 -4.17 0.02	32.98 -4.29 0.02	30.56 -4.40 3.31	29.63 -4.76 4.30	34.62 -5.39 3.10	41.42 -6.04 0.44	47.42 -5.96 0.32	53.94 -5.35 0.20	49.13 -4.63 0.06	42.79 -4.70 0.02	39.73 -4.27 0.00	36.33 -2.90 0.00
DUNKIRK___3 23565	43.98 -1.83 0.00	40.09 -1.98 0.00	37.65 -1.90 0.00	37.52 -2.14 0.00	38.54 -2.33 0.00	40.56 -3.19 0.00	48.10 -5.23 0.00	59.74 -7.09 0.02	48.84 -6.29 0.05	40.16 -4.69 0.27	34.45 -4.04 0.00	32.27 -4.15 0.28	32.15 -4.06 0.02	33.09 -4.18 0.02	30.51 -4.21 3.56	29.47 -4.60 4.62	34.54 -5.26 3.31	41.47 -5.99 0.44	47.37 -6.01 0.32	53.82 -5.47 0.20	49.02 -4.74 0.06	42.65 -4.85 0.02	39.60 -4.40 0.00	36.21 -3.02 0.00
DUNKIRK___4 23566	43.98 -1.83 0.00	40.09 -1.98 0.00	37.65 -1.90 0.00	37.52 -2.14 0.00	38.54 -2.33 0.00	40.56 -3.19 0.00	48.10 -5.23 0.00	59.74 -7.09 0.02	48.84 -6.29 0.05	40.16 -4.69 0.27	34.45 -4.04 0.00	32.27 -4.15 0.28	32.15 -4.06 0.02	33.09 -4.18 0.02	30.51 -4.21 3.56	29.47 -4.60 4.62	34.54 -5.26 3.31	41.47 -5.99 0.44	47.37 -6.01 0.32	53.82 -5.47 0.20	49.02 -4.74 0.06	42.65 -4.85 0.02	39.60 -4.40 0.00	36.21 -3.02 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	47.19 1.37 0.00	43.33 1.26 0.00	40.58 1.03 0.00	40.61 0.95 0.00	41.73 0.86 0.00	44.98 1.23 0.00	55.14 1.81 0.00	69.39 2.54 0.00	57.69 2.32 -0.19	49.39 2.35 -1.92	40.54 2.04 0.00	38.64 1.94 0.00	38.26 2.03 0.00	39.34 2.05 0.00	40.39 2.11 0.00	40.86 2.17 0.00	46.67 2.37 -1.19	52.74 2.49 -2.35	58.58 2.58 -2.29	63.63 2.74 -1.40	56.56 2.31 -0.43	49.82 2.14 -0.16	45.98 1.98 0.00	40.80 1.57 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	46.87 1.05 0.00	43.04 0.97 0.00	40.34 0.79 0.00	40.41 0.75 0.00	41.52 0.65 0.00	44.68 0.92 0.00	54.77 1.44 0.00	68.66 1.80 0.00	56.64 1.66 0.20	44.72 1.58 1.98	39.80 1.31 0.00	38.02 1.32 0.00	37.61 1.38 0.00	38.67 1.38 0.00	39.70 1.42 0.00	40.21 1.51 0.00	43.56 1.68 1.22	47.25 1.77 2.42	53.22 1.88 2.36	60.08 2.02 1.44	54.99 1.61 0.44	48.83 1.47 0.16	45.41 1.41 0.00	40.37 1.14 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	47.56 1.74 -0.01	43.63 1.56 -0.01	40.85 1.31 0.00	40.85 1.19 0.00	42.01 1.14 0.00	45.20 1.44 0.00	55.09 1.76 0.00	69.06 2.21 0.00	57.58 2.21 -0.19	49.57 2.53 -1.92	40.69 2.19 0.00	38.79 2.09 0.00	38.44 2.21 0.00	39.49 2.20 0.00	40.54 2.26 0.00	41.06 2.36 0.00	46.88 2.59 -1.19	52.78 2.54 -2.35	58.47 2.47 -2.29	63.45 2.56 -1.40	56.39 2.15 -0.43	49.86 2.19 -0.16	46.24 2.24 0.00	41.12 1.88 -0.01

E179THST_13_KV_LOAD 356214	47.75 1.92 -0.01	43.80 1.72 -0.01	40.97 1.42 0.00	40.97 1.31 0.00	42.18 1.31 0.00	45.33 1.58 0.00	55.36 2.03 0.00	69.39 2.54 0.00	57.80 2.43 -0.19	49.79 2.75 -1.92	40.88 2.39 0.00	38.97 2.28 0.00	38.62 2.39 0.00	39.68 2.39 0.00	40.73 2.45 0.00	41.25 2.55 0.00	47.05 2.76 -1.19	53.02 2.78 -2.35	58.74 2.74 -2.29	63.75 2.86 -1.40	56.66 2.42 -0.43	50.05 2.38 -0.16	46.42 2.42 0.00	41.28 2.04 -0.01
EAST HAMPTON___GT 23717	48.33 2.52 0.00	44.13 2.06 0.00	41.09 1.54 0.00	41.05 1.39 0.00	42.22 1.35 0.00	45.55 1.79 0.00	55.89 2.56 0.00	70.86 4.01 0.00	58.74 3.37 -0.19	50.60 3.56 -1.92	42.32 3.81 -0.01	40.00 3.30 0.00	39.64 3.40 -0.01	40.58 3.28 0.00	40.96 2.68 0.00	41.40 2.71 0.00	47.53 3.23 -1.19	54.07 3.83 -2.34	60.46 4.45 -2.30	65.83 4.94 -1.40	58.45 4.20 -0.43	51.06 3.37 -0.17	47.18 3.17 -0.01	41.63 2.39 0.00
EAST RIVER___6 23660	47.15 1.33 0.00	43.29 1.22 0.00	40.49 0.95 0.00	40.49 0.83 0.00	41.64 0.77 0.00	44.94 1.18 0.00	55.14 1.81 0.00	69.46 2.60 0.00	57.86 2.49 -0.19	49.57 2.53 -1.92	40.69 2.19 0.00	38.71 2.02 0.00	38.44 2.21 0.00	39.49 2.20 0.00	40.54 2.26 0.00	41.02 2.32 0.00	46.88 2.59 -1.19	52.93 2.68 -2.35	58.74 2.74 -2.29	63.81 2.91 -1.40	56.61 2.37 -0.43	49.77 2.09 -0.16	45.98 1.98 0.00	40.80 1.57 0.00
EAST RIVER___7 23524	47.15 1.33 0.00	43.29 1.22 0.00	40.49 0.95 0.00	40.49 0.83 0.00	41.64 0.77 0.00	44.94 1.18 0.00	55.14 1.81 0.00	69.46 2.60 0.00	57.86 2.49 -0.19	49.57 2.53 -1.92	40.69 2.19 0.00	38.71 2.02 0.00	38.44 2.21 0.00	39.49 2.20 0.00	40.54 2.26 0.00	41.02 2.32 0.00	46.88 2.59 -1.19	52.93 2.68 -2.35	58.74 2.74 -2.29	63.81 2.91 -1.40	56.61 2.37 -0.43	49.77 2.09 -0.16	45.98 1.98 0.00	40.80 1.57 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	47.05 1.24 0.00	43.20 1.14 0.00	40.50 0.95 0.00	40.53 0.87 0.00	41.69 0.82 0.00	44.89 1.14 0.00	54.98 1.65 0.00	69.19 2.34 0.00	57.53 2.15 -0.20	49.26 2.17 -1.97	40.38 1.89 0.00	38.53 1.83 0.00	38.12 1.88 0.00	39.20 1.90 0.00	40.23 1.95 0.00	40.71 2.01 0.00	46.56 2.24 -1.22	52.60 2.30 -2.41	58.42 2.36 -2.35	63.49 2.56 -1.43	56.35 2.10 -0.44	49.63 1.95 -0.16	45.85 1.85 0.00	40.72 1.49 0.00
EAST_HAMPTON___DIESEL 23722	48.33 2.52 0.00	44.13 2.06 0.00	41.05 1.50 0.00	41.05 1.39 0.00	42.18 1.31 0.00	45.55 1.79 0.00	55.89 2.56 0.00	70.86 4.01 0.00	58.68 3.31 -0.19	50.60 3.56 -1.92	42.32 3.81 -0.01	40.00 3.30 0.00	39.64 3.40 -0.01	40.58 3.28 0.00	40.96 2.68 0.00	41.36 2.67 0.00	47.49 3.19 -1.19	53.98 3.74 -2.34	60.35 4.35 -2.30	65.78 4.88 -1.40	58.39 4.14 -0.43	50.96 3.28 -0.17	47.13 3.12 -0.01	41.59 2.35 0.00
EAST_POINT___SOLAR 323840	48.79 2.98 0.00	44.72 2.65 0.00	42.00 2.45 0.00	42.20 2.54 0.00	43.45 2.58 0.00	46.73 2.98 0.00	57.49 4.16 0.00	71.67 4.82 0.00	57.88 2.70 0.00	45.93 0.81 0.00	38.88 0.38 0.00	37.36 0.66 0.00	37.24 1.01 0.00	38.41 1.12 0.00	39.85 1.57 0.00	40.67 1.97 0.00	45.56 2.46 0.00	51.16 3.26 0.00	57.73 4.03 0.00	64.01 4.52 0.00	57.85 4.04 0.00	50.94 3.42 0.00	47.03 3.03 0.00	41.67 2.43 0.00
EAST_PULASKI___ESR 323781	45.50 -0.32 0.00	41.73 -0.34 0.00	39.19 -0.36 0.00	39.34 -0.32 0.00	40.54 -0.33 0.00	43.41 -0.35 0.00	53.17 -0.16 0.00	66.72 -0.13 0.00	54.85 -0.33 0.00	44.40 -0.72 0.00	37.65 -0.85 0.00	35.85 -0.84 0.00	35.33 -0.90 0.00	36.29 -1.01 0.00	37.36 -0.92 0.00	37.96 -0.74 0.00	42.33 -0.77 0.00	47.13 -0.77 0.00	53.22 -0.48 0.00	59.14 -0.35 0.00	53.44 -0.37 0.00	47.19 -0.33 0.00	43.64 -0.35 0.00	38.92 -0.32 0.00
EAST_RIVER___1 323558	47.28 1.47 0.00	43.37 1.31 0.00	40.57 1.03 0.00	40.61 0.95 0.00	41.77 0.90 0.00	45.07 1.31 0.00	55.25 1.92 0.00	69.53 2.68 0.00	57.91 2.54 -0.19	49.57 2.53 -1.92	40.69 2.19 0.00	38.71 2.02 0.00	38.40 2.17 0.00	39.49 2.20 0.00	40.54 2.26 0.00	41.02 2.32 0.00	46.88 2.59 -1.19	52.93 2.68 -2.35	58.74 2.74 -2.29	63.81 2.91 -1.40	56.61 2.37 -0.43	49.86 2.19 -0.16	46.07 2.07 0.00	40.88 1.65 0.00
EAST_RIVER___2 323559	47.15 1.33 0.00	43.29 1.22 0.00	40.49 0.95 0.00	40.49 0.83 0.00	41.64 0.77 0.00	44.94 1.18 0.00	55.14 1.81 0.00	69.46 2.60 0.00	57.86 2.49 -0.19	49.57 2.53 -1.92	40.69 2.19 0.00	38.71 2.02 0.00	38.44 2.21 0.00	39.49 2.20 0.00	40.54 2.26 0.00	41.02 2.32 0.00	46.88 2.59 -1.19	52.93 2.68 -2.35	58.74 2.74 -2.29	63.81 2.91 -1.40	56.61 2.37 -0.43	49.77 2.09 -0.16	45.98 1.98 0.00	40.80 1.57 0.00
EAST___DELAWARE_HYD 23607	47.42 1.60 0.00	43.50 1.43 0.00	40.77 1.23 0.00	40.89 1.23 0.00	42.06 1.19 0.00	45.16 1.40 0.00	55.46 2.14 0.00	69.19 2.34 0.00	57.11 2.10 0.16	45.10 1.58 1.59	39.65 1.15 0.00	37.83 1.14 0.00	37.43 1.19 0.00	38.45 1.16 0.00	39.54 1.26 0.00	40.05 1.35 0.00	43.72 1.60 0.98	47.72 1.77 1.95	53.84 2.04 1.90	60.54 2.20 1.16	55.13 1.67 0.35	48.81 1.42 0.13	45.32 1.32 0.00	40.37 1.14 0.00
EIGHT_POINT___WT_PWR 323820	45.72 -0.09 0.00	41.78 -0.29 0.00	39.23 -0.32 0.00	39.30 -0.36 0.00	40.50 -0.37 0.00	42.97 -0.79 0.00	51.52 -1.81 0.00	64.06 -2.74 0.05	52.45 -2.65 0.08	42.59 -2.21 0.32	36.34 -2.15 0.00	34.85 -2.57 -0.72	33.36 -2.83 0.05	34.19 -3.06 0.05	45.54 -3.14 -10.40	48.97 -3.48 -13.75	48.51 -3.75 -9.16	43.30 -4.12 0.48	49.73 -3.60 0.38	55.93 -3.33 0.23	51.21 -2.53 0.07	44.93 -2.57 0.03	41.80 -2.20 0.00	37.86 -1.37 0.00
ELBRIDGE_115KV_TB2 80188	45.72 -0.09 0.00	41.90 -0.17 0.00	39.39 -0.16 0.00	39.46 -0.20 0.00	40.71 -0.16 0.00	43.54 -0.22 0.00	53.01 -0.32 0.00	66.45 -0.40 0.00	54.79 -0.39 0.00	44.85 -0.27 0.00	38.26 -0.23 0.00	36.44 -0.26 0.00	35.94 -0.29 0.00	36.99 -0.30 0.00	37.97 -0.31 0.00	38.35 -0.35 0.00	42.72 -0.39 0.00	47.37 -0.53 0.00	53.33 -0.38 0.00	59.14 -0.36 0.00	53.55 -0.27 0.00	47.14 -0.38 0.00	43.65 -0.35 0.00	38.96 -0.27 0.00
ELEC_TRO_TEK 24086	47.47 1.65 0.00	43.50 1.43 0.00	40.61 1.07 0.00	40.65 0.99 0.00	41.77 0.90 0.00	45.03 1.27 0.00	55.14 1.81 0.00	69.46 2.61 0.00	57.63 2.26 -0.19	49.70 2.66 -1.92	40.97 2.46 -0.02	39.08 2.39 0.00	38.71 2.46 -0.02	39.72 2.42 0.00	40.77 2.49 0.00	41.17 2.48 0.00	47.11 2.80 -1.20	53.11 2.87 -2.34	59.12 3.11 -2.30	64.18 3.27 -1.41	57.05 2.80 -0.44	50.26 2.57 -0.17	46.48 2.46 -0.02	41.27 2.04 0.00
ELLENBURG_WT_PWR 323604	45.86 0.05 0.00	42.15 0.08 0.00	39.75 0.20 0.00	40.06 0.40 0.00	41.52 0.65 0.00	44.37 0.61 0.00	53.92 0.59 0.00	67.52 0.67 0.00	55.57 0.39 0.00	45.44 0.32 0.00	38.80 0.31 0.00	36.99 0.29 0.00	36.45 0.22 0.00	37.48 0.19 0.00	38.43 0.15 0.00	38.93 0.23 0.00	43.19 0.09 0.00	48.04 0.14 0.00	53.44 -0.27 0.00	59.44 -0.06 0.00	53.81 0.00 0.00	47.99 0.48 0.00	44.35 0.35 0.00	39.74 0.51 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	43.62 -2.20 0.00	39.75 -2.31 0.00	37.37 -2.18 0.00	37.36 -2.30 0.00	38.42 -2.45 0.00	40.39 -3.37 0.00	47.73 -5.60 0.00	59.14 -7.69 0.02	48.45 -6.68 0.05	40.08 -4.78 0.26	34.45 -4.04 0.00	32.14 -4.26 0.30	32.08 -4.13 0.02	32.98 -4.29 0.02	30.14 -4.33 3.81	29.13 -4.60 4.96	34.23 -5.35 3.53	41.29 -6.18 0.43	47.06 -6.34 0.31	53.36 -5.95 0.19	48.54 -5.22 0.06	42.22 -5.27 0.02	39.20 -4.80 0.00	35.90 -3.33 0.00
EMPIRE_CC_1 323656	45.77 -0.05 0.00	42.36 0.30 0.00	39.90 0.36 0.00	39.98 0.32 0.00	41.08 0.21 0.00	44.07 0.31 0.00	53.86 0.53 0.00	67.45 0.60 0.00	55.89 0.66 -0.05	45.80 0.18 -0.50	38.69 0.19 0.00	36.80 0.11 0.00	36.41 0.18 0.00	37.44 0.15 0.00	38.39 0.12 0.00	38.93 0.23 0.00	43.76 0.34 -0.31	48.98 0.48 -0.61	54.78 0.48 -0.59	60.28 0.42 -0.36	54.25 0.32 -0.11	47.90 0.33 -0.04	44.31 0.31 0.00	39.31 0.08 0.00
EMPIRE_CC_2 323658	45.77 -0.05 0.00	42.36 0.30 0.00	39.90 0.36 0.00	39.98 0.32 0.00	41.08 0.21 0.00	44.07 0.31 0.00	53.86 0.53 0.00	67.45 0.60 0.00	55.89 0.66 -0.05	45.80 0.18 -0.50	38.69 0.19 0.00	36.80 0.11 0.00	36.41 0.18 0.00	37.44 0.15 0.00	38.39 0.12 0.00	38.93 0.23 0.00	43.76 0.34 -0.31	48.98 0.48 -0.61	54.78 0.48 -0.59	60.28 0.42 -0.36	54.25 0.32 -0.11	47.90 0.33 -0.04	44.31 0.31 0.00	39.31 0.08 0.00
ENORWICH_115KV_TB1 80156	48.61 2.79 0.00	44.47 2.40 0.00	41.76 2.21 0.00	41.96 2.30 0.00	43.28 2.41 0.00	46.38 2.63 0.00	56.85 3.52 0.00	71.29 4.41 -0.03	58.34 3.20 0.04	46.45 2.03 0.70	39.69 1.19 0.00	37.78 1.03 -0.06	37.09 0.83 -0.03	38.07 0.75 -0.03	39.79 1.00 -0.51	40.47 1.16 -0.62	44.65 1.55 0.01	48.94 1.87 0.83	55.56 2.69 0.83	62.14 3.15 0.51	56.51 2.85 0.16	49.84 2.38 0.06	46.11 2.11 0.00	41.23 2.00 0.00
ERIE_ST__34_KV_TB1-2 80199	43.94 -1.88 0.00	40.05 -2.02 0.00	37.65 -1.90 0.00	37.60 -2.06 0.00	38.66 -2.21 0.00	40.74 -3.02 0.00	48.37 -4.96 0.00	60.14 -6.69 0.02	49.39 -5.74 0.05	40.43 -4.42 0.27	34.72 -3.77 0.00	32.77 -3.67 0.26	32.59 -3.62 0.02	33.65 -3.62 0.02	31.55 -3.48 3.24	30.19 -4.30 4.21	35.08 -5.00 3.03	41.71 -5.75 0.44	47.53 -5.85 0.32	53.89 -5.41 0.19	49.02 -4.74 0.06	42.65 -4.85 0.02	39.55 -4.44 0.00	36.25 -2.98 0.00
ERIE_WT_PWR 323693	43.80 -2.01 0.00	39.97 -2.10 0.00	37.57 -1.98 0.00	37.60 -2.06 0.00	38.58 -2.29 0.00	40.61 -3.15 0.00	48.05 -5.28 0.00	59.54 -7.28 0.02	48.89 -6.24 0.05	40.39 -4.47 0.26	34.61 -3.89 0.00	32.48 -3.93 0.29	32.26 -3.95 0.02	33.13 -4.14 0.02	30.59 -4.06 3.63	29.49 -4.49 4.72	34.52 -5.22 3.37	41.48 -5.99 0.43	47.48 -5.91 0.31	53.48 -5.83 0.19	48.81 -4.95 0.06	42.46 -5.04 0.02	39.51 -4.49 0.00	36.09 -3.14 0.00
ESPRGFLD_115KV_TB1 80157	47.97 2.15 0.00	43.96 1.89 0.00	41.25 1.70 0.00	41.41 1.75 0.00	42.67 1.80 0.00	45.81 2.06 0.00	56.16 2.83 0.00	70.33 3.48 0.00	57.66 2.48 0.00	46.70 1.58 0.00	39.53 1.04 0.00	37.83 1.14 0.00	37.43 1.20 0.00	38.60 1.31 0.00	39.81 1.53 0.00	40.32 1.63 0.00	45.05 1.94 0.00	50.15 2.25 0.00	56.44 2.74 0.00	62.59 3.09 0.00	56.56 2.74 0.00	49.85 2.33 0.00	46.07 2.07 0.00	40.96 1.73 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	46.82 1.01 0.00	42.87 0.80 0.00	40.26 0.71 0.00	40.33 0.67 0.00	41.65 0.78 0.00	44.54 0.79 0.00	54.24 0.91 0.00	68.12 1.20 -0.06	56.03 0.83 -0.03	45.29 0.54 0.37	38.84 0.35 0.00	37.08 0.26 -0.13	36.51 0.22 -0.06	37.58 0.22 -0.06	39.55 0.27 -1.01	40.07 0.19 -1.18	43.99 0.30 -0.58	47.80 0.29 0.38	54.01 0.75 0.44	60.24 1.01 0.27	54.65 0.91 0.08	48.15 0.67 0.03	44.57 0.57 0.00	39.78 0.55 0.00
ETNA_____115KV_TB2 80207	46.82 1.01 0.00	42.87 0.80 0.00	40.26 0.71 0.00	40.33 0.67 0.00	41.65 0.78 0.00	44.54 0.79 0.00	54.24 0.91 0.00	68.12 1.20 -0.06	56.03 0.83 -0.03	45.29 0.54 0.37	38.84 0.35 0.00	37.08 0.26 -0.13	36.51 0.22 -0.06	37.58 0.22 -0.06	39.55 0.27 -1.01	40.07 0.19 -1.18	43.99 0.30 -0.58	47.80 0.29 0.38	54.01 0.75 0.44	60.24 1.01 0.27	54.65 0.91 0.08	48.15 0.67 0.03	44.57 0.57 0.00	39.78 0.55 0.00
EUCLID___115KV_TB2 356179	45.40 -0.41 0.00	41.61 -0.46 0.00	39.11 -0.44 0.00	39.18 -0.48 0.00	40.42 -0.45 0.00	43.23 -0.53 0.00	52.64 -0.69 0.00	65.98 -0.87 0.00	54.46 -0.72 0.00	44.58 -0.54 0.00	38.03 -0.46 0.00	36.22 -0.48 0.00	35.76 -0.47 0.00	36.81 -0.48 0.00	37.74 -0.54 0.00	38.19 -0.50 0.00	42.50 -0.60 0.00	47.13 -0.77 0.00	53.01 -0.70 0.00	58.84 -0.65 0.00	53.22 -0.59 0.00	46.85 -0.67 0.00	43.38 -0.62 0.00	38.72 -0.51 0.00
E_CANADA_CAP_HY 24051	48.33 2.52 0.00	44.30 2.23 0.00	41.60 2.06 0.00	41.76 2.10 0.00	43.03 2.16 0.00	46.25 2.49 0.00	56.75 3.42 0.00	71.00 4.15 0.00	57.83 2.65 0.00	46.43 1.31 0.00	39.30 0.81 0.00	37.54 0.84 0.00	37.28 1.05 0.00	38.45 1.16 0.00	39.73 1.45 0.00	40.40 1.70 0.00	45.22 2.11 0.00	50.63 2.73 0.00	57.09 3.39 0.00	63.31 3.81 0.00	57.21 3.39 0.00	50.37 2.85 0.00	46.55 2.55 0.00	41.27 2.04 0.00
E_CANADA_MHWK_HY 24050	45.08 -0.73 0.00	41.44 -0.63 0.00	38.99 -0.55 0.00	39.14 -0.52 0.00	40.30 -0.57 0.00	43.28 -0.48 0.00	52.90 -0.43 0.00	66.39 -0.46 0.00	54.74 -0.44 0.00	44.67 -0.45 0.00	38.03 -0.46 0.00	36.22 -0.48 0.00	35.76 -0.47 0.00	36.77 -0.52 0.00	37.74 -0.54 0.00	38.15 -0.54 0.00	42.50 -0.60 0.00	47.18 -0.72 0.00	52.90 -0.80 0.00	58.54 -0.95 0.00	52.95 -0.86 0.00	46.76 -0.76 0.00	43.29 -0.71 0.00	38.57 -0.67 0.00
E_FISHKILL___LBMP 23776	46.82 1.01 0.00	42.99 0.93 0.00	40.30 0.75 0.00	40.37 0.71 0.00	41.48 0.61 0.00	44.68 0.92 0.00	54.72 1.39 0.00	68.72 1.87 0.00	57.05 1.77 -0.10	47.85 1.71 -1.02	40.00 1.50 0.00	38.16 1.47 0.00	37.75 1.52 0.00	38.82 1.53 0.00	39.85 1.57 0.00	40.32 1.63 0.00	45.54 1.81 -0.63	51.00 1.87 -1.24	56.85 1.93 -1.21	62.32 2.08 -0.74	55.76 1.72 -0.23	49.17 1.57 -0.08	45.49 1.50 0.00	40.41 1.18 0.00
FALCON___SEABRD_CC1 323796	46.96 1.15 0.00	43.12 1.05 0.00	40.69 1.15 0.00	41.05 1.39 0.00	42.59 1.72 0.00	45.46 1.70 0.00	55.36 2.03 0.00	69.33 2.47 0.00	57.00 1.82 0.00	46.47 1.35 0.00	39.73 1.23 0.00	37.90 1.21 0.00	37.36 1.12 0.00	38.45 1.16 0.00	39.35 1.07 0.00	39.86 1.16 0.00	43.71 0.60 0.00	48.66 0.76 0.00	54.03 0.32 0.00	60.21 0.72 0.00	54.51 0.70 0.00	48.66 1.14 0.00	44.92 0.93 0.00	40.25 1.02 0.00
FALCON___SEABRD_CC2 323797	46.96 1.15 0.00	43.12 1.05 0.00	40.69 1.15 0.00	41.05 1.39 0.00	42.59 1.72 0.00	45.46 1.70 0.00	55.36 2.03 0.00	69.33 2.47 0.00	57.00 1.82 0.00	46.47 1.35 0.00	39.73 1.23 0.00	37.90 1.21 0.00	37.36 1.12 0.00	38.45 1.16 0.00	39.35 1.07 0.00	39.86 1.16 0.00	43.71 0.60 0.00	48.66 0.76 0.00	54.03 0.32 0.00	60.21 0.72 0.00	54.51 0.70 0.00	48.66 1.14 0.00	44.92 0.93 0.00	40.25 1.02 0.00

FAR ROCKAWAY___4 23548	47.97 2.15 0.00	43.96 1.89 0.00	41.05 1.50 0.00	41.09 1.43 0.00	42.22 1.35 0.00	45.51 1.75 0.00	55.73 2.40 0.00	70.26 3.41 0.00	58.24 2.87 -0.19	50.24 3.20 -1.92	41.40 2.89 -0.02	39.48 2.79 0.00	39.15 2.90 -0.02	40.13 2.83 0.00	41.15 2.87 0.00	41.60 2.90 0.00	47.63 3.32 -1.20	53.74 3.50 -2.34	59.87 3.87 -2.30	65.07 4.16 -1.41	57.81 3.55 -0.44	50.88 3.18 -0.17	47.01 2.99 -0.02	41.70 2.47 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	47.33 1.51 0.00	43.41 1.35 0.00	40.65 1.11 0.00	40.69 1.03 0.00	41.81 0.94 0.00	45.07 1.31 0.00	55.30 1.97 0.00	69.53 2.67 0.00	57.91 2.54 -0.19	49.62 2.57 -1.92	40.73 2.23 0.00	38.82 2.13 0.00	38.48 2.25 0.00	39.53 2.24 0.00	40.58 2.30 0.00	41.06 2.36 0.00	46.88 2.59 -1.19	52.93 2.68 -2.35	58.68 2.69 -2.29	63.81 2.92 -1.40	56.66 2.42 -0.43	49.96 2.28 -0.16	46.11 2.11 0.00	40.92 1.69 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	47.33 1.51 0.00	43.41 1.35 0.00	40.65 1.11 0.00	40.69 1.03 0.00	41.81 0.94 0.00	45.11 1.36 0.00	55.30 1.97 0.00	69.53 2.67 0.00	57.85 2.48 -0.19	49.62 2.57 -1.92	40.73 2.23 0.00	38.82 2.13 0.00	38.48 2.25 0.00	39.53 2.24 0.00	40.58 2.30 0.00	41.06 2.36 0.00	46.88 2.59 -1.19	52.93 2.68 -2.35	58.68 2.69 -2.29	63.81 2.92 -1.40	56.66 2.42 -0.43	49.96 2.28 -0.16	46.11 2.11 0.00	40.92 1.69 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	47.42 1.60 0.00	43.54 1.47 0.00	40.73 1.19 0.00	40.77 1.11 0.00	41.89 1.02 0.00	45.20 1.44 0.00	55.41 2.08 0.00	69.73 2.87 0.00	58.08 2.70 -0.19	49.80 2.75 -1.92	40.84 2.35 0.00	38.93 2.24 0.00	38.59 2.36 0.00	39.64 2.35 0.00	40.69 2.41 0.00	41.17 2.48 0.00	47.01 2.72 -1.19	53.07 2.83 -2.35	58.84 2.85 -2.29	63.99 3.09 -1.40	56.77 2.53 -0.43	50.05 2.38 -0.16	46.24 2.24 0.00	41.00 1.77 0.00
FARRAGUT___LBMP 323566	47.28 1.47 0.00	43.37 1.30 0.00	40.61 1.07 0.00	40.65 0.99 0.00	41.77 0.90 0.00	45.03 1.27 0.00	55.20 1.87 0.00	69.46 2.61 0.00	57.80 2.43 -0.19	49.57 2.53 -1.92	40.69 2.19 0.00	38.79 2.09 0.00	38.41 2.17 0.00	39.46 2.16 0.00	40.54 2.26 0.00	41.02 2.32 0.00	46.84 2.54 -1.19	52.83 2.59 -2.35	58.63 2.63 -2.29	63.69 2.80 -1.40	56.56 2.31 -0.43	49.86 2.19 -0.16	46.07 2.07 0.00	40.88 1.65 0.00
FENNER___WINDPWR 24204	46.73 0.92 0.00	42.83 0.76 0.00	40.22 0.67 0.00	40.33 0.67 0.00	41.61 0.74 0.00	44.55 0.79 0.00	54.40 1.07 0.00	68.27 1.41 -0.01	56.24 1.05 -0.01	45.80 0.68 0.00	38.92 0.42 0.00	37.07 0.37 -0.01	36.57 0.33 -0.01	37.64 0.33 -0.01	38.76 0.46 -0.02	39.16 0.47 0.00	43.71 0.60 0.00	48.49 0.58 0.00	54.56 0.86 0.00	60.51 1.01 0.00	54.67 0.86 0.00	48.23 0.71 0.00	44.61 0.62 0.00	39.78 0.55 0.00
FIBERTEK___ENERGY 23856	46.00 0.18 0.00	42.15 0.08 0.00	39.59 0.04 0.00	39.70 0.04 0.00	40.95 0.08 0.00	43.80 0.04 0.00	53.33 0.00 0.00	66.92 0.07 0.00	55.18 0.00 0.00	45.16 0.05 0.00	38.53 0.04 0.00	36.69 0.00 0.00	36.23 0.00 0.00	37.29 0.00 0.00	38.24 -0.04 0.00	38.62 -0.08 0.00	43.06 -0.04 0.00	47.71 -0.19 0.00	53.70 0.00 0.00	59.55 0.06 0.00	53.87 0.05 0.00	47.47 -0.05 0.00	43.91 -0.09 0.00	39.19 -0.04 0.00
FITZPATRICK___ 23598	44.81 -1.01 0.00	41.10 -0.97 0.00	38.64 -0.91 0.00	38.75 -0.91 0.00	39.93 -0.94 0.00	42.71 -1.05 0.00	52.00 -1.33 0.00	65.18 -1.67 0.00	53.74 -1.43 0.00	43.99 -1.13 0.00	37.57 -0.92 0.00	35.81 -0.88 0.00	35.33 -0.90 0.00	36.32 -0.97 0.00	37.28 -1.00 0.00	37.73 -0.97 0.00	41.98 -1.12 0.00	46.61 -1.29 0.00	52.36 -1.34 0.00	58.01 -1.49 0.00	52.52 -1.29 0.00	46.28 -1.24 0.00	42.90 -1.10 0.00	38.25 -0.98 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	47.37 1.56 0.00	43.46 1.39 0.00	40.73 1.19 0.00	40.85 1.19 0.00	41.97 1.10 0.00	45.11 1.36 0.00	55.41 2.08 0.00	69.39 2.54 0.00	57.42 2.26 0.02	46.80 1.90 0.22	40.03 1.54 0.00	38.24 1.54 0.00	37.83 1.59 0.00	38.90 1.60 0.00	39.96 1.68 0.00	40.48 1.78 0.00	45.00 2.03 0.14	49.83 2.20 0.27	55.86 2.42 0.26	61.95 2.62 0.16	55.92 2.15 0.05	49.40 1.90 0.02	45.76 1.76 0.00	40.68 1.45 0.00
FORT ORANGE___ 23900	46.23 0.41 0.00	42.57 0.51 0.00	40.06 0.51 0.00	40.17 0.51 0.00	41.28 0.41 0.00	44.32 0.57 0.00	54.13 0.80 0.00	67.86 1.00 0.00	56.21 0.99 -0.04	45.92 0.45 -0.35	38.84 0.35 0.00	36.95 0.26 0.00	36.59 0.36 0.00	37.67 0.37 0.00	38.66 0.38 0.00	39.20 0.50 0.00	44.05 0.73 -0.22	49.23 0.91 -0.43	55.14 1.02 -0.42	60.82 1.07 -0.26	54.70 0.81 -0.08	48.21 0.66 -0.03	44.70 0.70 0.00	39.71 0.47 0.00
FORT_DRUM_COGEN 23780	46.55 0.73 0.00	42.70 0.63 0.00	40.06 0.51 0.00	40.33 0.67 0.00	41.48 0.61 0.00	44.41 0.66 0.00	54.72 1.39 0.00	68.72 1.87 0.00	56.34 1.16 0.00	44.89 -0.23 0.00	37.80 -0.69 0.00	36.00 -0.70 0.00	35.40 -0.83 0.00	36.25 -1.04 0.00	37.59 -0.69 0.00	38.43 -0.27 0.00	42.80 -0.30 0.00	47.90 0.00 0.00	54.24 0.54 0.00	60.39 0.89 0.00	54.51 0.70 0.00	48.37 0.86 0.00	44.75 0.75 0.00	39.90 0.67 0.00
FOX_HILLS___ESR 323835	47.79 1.97 -0.01	43.84 1.77 -0.01	40.93 1.38 0.00	40.93 1.27 0.00	42.14 1.27 0.00	45.38 1.62 0.00	54.27 1.44 0.50	66.26 1.87 2.46	55.15 1.93 1.95	49.70 2.66 -1.92	40.88 2.39 0.00	38.86 2.16 0.00	38.62 2.39 0.00	39.68 2.39 0.00	40.73 2.45 0.00	41.29 2.59 0.00	47.06 2.76 -1.19	52.88 2.63 -2.35	56.27 2.36 -0.20	62.29 2.50 -0.30	56.08 2.04 -0.22	50.10 2.42 -0.16	46.33 2.33 0.00	41.32 2.08 -0.01
FPL_FAR_ROCK_GT1 24212	47.97 2.15 0.00	43.96 1.89 0.00	41.05 1.50 0.00	41.05 1.39 0.00	42.22 1.35 0.00	45.51 1.75 0.00	55.67 2.34 0.00	70.26 3.41 0.00	58.35 2.98 -0.19	50.20 3.16 -1.92	41.40 2.89 -0.02	39.37 2.68 0.00	39.11 2.86 -0.02	40.13 2.83 0.00	41.04 2.76 0.00	41.60 2.90 0.00	47.63 3.32 -1.20	53.78 3.54 -2.34	59.82 3.81 -2.30	65.13 4.22 -1.41	57.81 3.55 -0.44	50.83 3.14 -0.17	47.01 2.99 -0.02	41.71 2.47 0.00
FPL_FAR_ROCK_GT2 23815	47.97 2.15 0.00	43.96 1.89 0.00	41.05 1.50 0.00	41.05 1.39 0.00	42.22 1.35 0.00	45.51 1.75 0.00	55.67 2.34 0.00	70.26 3.41 0.00	58.35 2.98 -0.19	50.20 3.16 -1.92	41.40 2.89 -0.02	39.37 2.68 0.00	39.11 2.86 -0.02	40.13 2.83 0.00	41.04 2.76 0.00	41.60 2.90 0.00	47.63 3.32 -1.20	53.78 3.54 -2.34	59.82 3.81 -2.30	65.13 4.22 -1.41	57.81 3.55 -0.44	50.83 3.14 -0.17	47.01 2.99 -0.02	41.71 2.47 0.00
FRANKLIN_FALL_HYD 24054	46.23 0.41 0.00	42.45 0.38 0.00	39.98 0.44 0.00	40.33 0.67 0.00	41.77 0.90 0.00	44.54 0.79 0.00	54.29 0.96 0.00	67.99 1.14 0.00	55.79 0.61 0.00	45.39 0.27 0.00	38.76 0.27 0.00	36.95 0.26 0.00	36.48 0.25 0.00	37.52 0.22 0.00	38.39 0.11 0.00	38.97 0.27 0.00	43.28 0.17 0.00	48.18 0.29 0.00	53.70 0.00 0.00	59.73 0.24 0.00	54.08 0.27 0.00	48.33 0.81 0.00	44.66 0.66 0.00	40.06 0.82 0.00

FREEPORT_EQUS_GT1 23764	47.74 1.92 0.00	43.75 1.68 0.00	40.85 1.30 0.00	40.85 1.19 0.00	41.97 1.10 0.00	45.25 1.49 0.00	55.36 2.03 0.00	69.86 3.01 0.00	58.02 2.65 -0.19	49.97 2.93 -1.92	41.24 2.73 -0.01	39.19 2.50 0.00	38.92 2.68 -0.01	39.94 2.65 0.00	40.84 2.57 0.00	41.40 2.71 0.00	47.41 3.11 -1.20	53.50 3.26 -2.34	59.55 3.54 -2.30	64.83 3.93 -1.41	57.54 3.28 -0.44	50.59 2.90 -0.17	46.83 2.82 -0.01	41.59 2.35 0.00
FREEPORT___CT2 23818	47.74 1.92 0.00	43.75 1.68 0.00	40.85 1.30 0.00	40.85 1.19 0.00	41.97 1.10 0.00	45.25 1.49 0.00	55.36 2.03 0.00	69.86 3.01 0.00	58.02 2.65 -0.19	49.97 2.93 -1.92	41.24 2.73 -0.01	39.19 2.50 0.00	38.92 2.68 -0.01	39.94 2.65 0.00	40.84 2.57 0.00	41.40 2.71 0.00	47.41 3.11 -1.20	53.50 3.26 -2.34	59.55 3.54 -2.30	64.83 3.93 -1.41	57.54 3.28 -0.44	50.59 2.90 -0.17	46.83 2.82 -0.01	41.59 2.35 0.00
FRESHKLS_33_KV_LOAD 356253	47.89 2.06 -0.01	43.93 1.85 -0.01	41.05 1.50 0.00	41.05 1.39 0.00	42.18 1.31 0.00	45.46 1.71 0.00	54.17 1.33 0.50	66.20 1.80 2.46	55.05 1.82 1.95	49.79 2.75 -1.92	40.96 2.46 0.00	39.01 2.31 0.00	38.69 2.46 0.00	39.75 2.46 0.00	40.84 2.56 0.00	41.37 2.67 0.00	47.14 2.84 -1.19	52.88 2.63 -2.35	56.16 2.26 -0.20	62.17 2.38 -0.30	56.02 1.99 -0.22	50.20 2.52 -0.16	46.42 2.42 0.00	41.40 2.16 -0.01
FULTON COGEN____ 23766	45.22 -0.60 0.00	41.44 -0.63 0.00	38.95 -0.59 0.00	39.03 -0.63 0.00	40.26 -0.61 0.00	43.10 -0.66 0.00	52.48 -0.85 0.00	65.85 -1.00 0.00	54.30 -0.88 0.00	44.40 -0.72 0.00	37.88 -0.62 0.00	36.07 -0.62 0.00	35.62 -0.62 0.00	36.66 -0.63 0.00	37.59 -0.69 0.00	38.04 -0.66 0.00	42.37 -0.73 0.00	46.99 -0.91 0.00	52.90 -0.81 0.00	58.66 -0.83 0.00	53.06 -0.75 0.00	46.76 -0.76 0.00	43.25 -0.75 0.00	38.61 -0.63 0.00
FULTON___LFGE 323630	48.29 2.47 0.00	44.30 2.23 0.00	41.60 2.06 0.00	41.76 2.10 0.00	42.99 2.12 0.00	46.25 2.49 0.00	56.75 3.42 0.00	71.00 4.15 0.00	57.66 2.49 0.00	46.20 1.08 0.00	39.11 0.61 0.00	37.32 0.62 0.00	37.03 0.80 0.00	38.26 0.97 0.00	39.58 1.30 0.00	40.28 1.59 0.00	45.13 2.03 0.00	50.63 2.73 0.00	57.09 3.39 0.00	63.31 3.81 0.00	57.21 3.39 0.00	50.37 2.85 0.00	46.55 2.55 0.00	41.27 2.04 0.00
G.F.CEMENT___DRP 24184	46.73 0.92 0.00	42.91 0.84 0.00	40.38 0.83 0.00	40.53 0.87 0.00	41.69 0.82 0.00	44.85 1.09 0.00	54.98 1.65 0.00	69.06 2.21 0.00	56.81 1.60 -0.03	46.26 0.81 -0.32	38.96 0.46 0.00	36.99 0.29 0.00	36.59 0.36 0.00	37.78 0.48 0.00	38.89 0.61 0.00	39.47 0.77 0.00	44.30 0.99 -0.20	49.73 1.44 -0.40	55.81 1.72 -0.39	61.57 1.84 -0.24	55.45 1.56 -0.07	48.83 1.28 -0.03	45.19 1.19 0.00	39.98 0.75 0.00
GARDENVILLE___LBMP 24039	43.71 -2.11 0.00	39.88 -2.19 0.00	37.49 -2.06 0.00	37.44 -2.22 0.00	38.50 -2.37 0.00	40.48 -3.28 0.00	47.89 -5.44 0.00	59.41 -7.42 0.02	48.67 -6.46 0.05	40.16 -4.69 0.26	34.45 -4.04 0.00	32.19 -4.18 0.32	32.12 -4.09 0.02	33.06 -4.21 0.02	29.92 -4.21 4.15	28.73 -4.57 5.40	34.01 -5.26 3.84	41.38 -6.08 0.43	47.16 -6.23 0.31	53.53 -5.77 0.19	48.70 -5.06 0.06	42.37 -5.13 0.02	39.29 -4.71 0.00	35.98 -3.26 0.00
GARDNVLA_35_KV_LD 355827	43.85 -1.97 0.00	39.96 -2.10 0.00	37.57 -1.98 0.00	37.56 -2.10 0.00	38.58 -2.29 0.00	40.61 -3.15 0.00	48.10 -5.23 0.00	59.68 -7.15 0.02	48.84 -6.29 0.05	40.30 -4.56 0.26	34.61 -3.89 0.00	32.39 -4.04 0.27	32.30 -3.91 0.02	33.24 -4.03 0.02	30.75 -4.10 3.43	29.75 -4.49 4.46	34.69 -5.22 3.20	41.47 -5.99 0.44	47.32 -6.07 0.31	53.71 -5.59 0.19	48.86 -4.90 0.06	42.51 -4.99 0.02	39.42 -4.58 0.00	36.13 -3.10 0.00
GELCKHM___115KV_LOAD 80723	45.59 -0.23 0.00	41.82 -0.25 0.00	39.27 -0.28 0.00	39.34 -0.32 0.00	40.58 -0.29 0.00	43.45 -0.31 0.00	52.90 -0.43 0.00	66.32 -0.53 0.00	54.74 -0.44 0.00	44.80 -0.32 0.00	38.23 -0.27 0.00	36.40 -0.29 0.00	35.94 -0.29 0.00	36.99 -0.30 0.00	37.94 -0.34 0.00	38.35 -0.35 0.00	42.72 -0.39 0.00	47.37 -0.53 0.00	53.27 -0.43 0.00	59.08 -0.42 0.00	53.44 -0.38 0.00	47.09 -0.43 0.00	43.56 -0.44 0.00	38.88 -0.35 0.00
GENERAL___MILLS 23808	43.80 -2.02 0.00	39.92 -2.15 0.00	37.53 -2.02 0.00	37.48 -2.18 0.00	38.54 -2.33 0.00	40.56 -3.19 0.00	48.00 -5.33 0.00	59.54 -7.29 0.02	48.78 -6.35 0.05	40.25 -4.60 0.26	34.53 -3.96 0.00	32.34 -4.07 0.29	32.22 -3.99 0.02	33.17 -4.10 0.02	30.52 -4.13 3.63	29.45 -4.53 4.72	34.47 -5.26 3.37	41.43 -6.04 0.44	47.27 -6.12 0.31	53.59 -5.71 0.19	48.81 -4.95 0.06	42.41 -5.08 0.02	39.38 -4.62 0.00	36.05 -3.18 0.00
GE_PLASTICS___DRP 24183	46.14 0.32 0.00	42.45 0.38 0.00	39.94 0.40 0.00	40.02 0.36 0.00	41.16 0.29 0.00	44.19 0.44 0.00	53.97 0.64 0.00	67.65 0.80 0.00	56.04 0.83 -0.03	45.96 0.50 -0.35	38.92 0.42 0.00	37.13 0.44 0.00	36.67 0.43 0.00	37.74 0.45 0.00	38.74 0.46 0.00	39.20 0.50 0.00	43.97 0.65 -0.21	49.09 0.77 -0.42	54.87 0.75 -0.41	60.52 0.77 -0.25	54.54 0.65 -0.08	48.12 0.57 -0.03	44.57 0.57 0.00	39.59 0.35 0.00
GILBOA___1 23756	46.32 0.50 0.00	42.57 0.51 0.00	39.98 0.44 0.00	40.06 0.40 0.00	41.24 0.37 0.00	44.24 0.48 0.00	54.08 0.75 0.00	67.72 0.87 0.00	56.06 0.88 0.00	45.84 0.72 0.00	39.15 0.65 0.00	37.39 0.70 0.00	36.99 0.76 0.00	38.19 0.89 0.00	39.20 0.92 0.00	39.39 0.70 0.00	43.92 0.82 0.00	48.80 0.91 0.00	54.67 0.97 0.00	60.39 0.89 0.00	54.67 0.86 0.00	48.23 0.71 0.00	44.70 0.70 0.00	39.78 0.55 0.00
GILBOA___2 23757	46.32 0.50 0.00	42.57 0.51 0.00	39.98 0.44 0.00	40.06 0.40 0.00	41.24 0.37 0.00	44.24 0.48 0.00	54.08 0.75 0.00	67.72 0.87 0.00	56.06 0.88 0.00	45.84 0.72 0.00	39.15 0.65 0.00	37.39 0.70 0.00	36.99 0.76 0.00	38.19 0.89 0.00	39.20 0.92 0.00	39.39 0.70 0.00	43.92 0.82 0.00	48.80 0.91 0.00	54.67 0.97 0.00	60.39 0.89 0.00	54.67 0.86 0.00	48.23 0.71 0.00	44.70 0.70 0.00	39.78 0.55 0.00
GILBOA___3 23758	46.32 0.50 0.00	42.57 0.51 0.00	39.98 0.44 0.00	40.06 0.40 0.00	41.24 0.37 0.00	44.24 0.48 0.00	54.08 0.75 0.00	67.72 0.87 0.00	56.06 0.88 0.00	45.84 0.72 0.00	39.15 0.65 0.00	37.39 0.70 0.00	36.99 0.76 0.00	38.19 0.89 0.00	39.20 0.92 0.00	39.39 0.70 0.00	43.92 0.82 0.00	48.80 0.91 0.00	54.67 0.97 0.00	60.39 0.89 0.00	54.67 0.86 0.00	48.23 0.71 0.00	44.70 0.70 0.00	39.78 0.55 0.00
GILBOA___4 23759	46.32 0.50 0.00	42.57 0.51 0.00	39.98 0.44 0.00	40.06 0.40 0.00	41.24 0.37 0.00	44.24 0.48 0.00	54.08 0.75 0.00	67.72 0.87 0.00	56.06 0.88 0.00	45.84 0.72 0.00	39.15 0.65 0.00	37.39 0.70 0.00	36.99 0.76 0.00	38.19 0.89 0.00	39.20 0.92 0.00	39.39 0.70 0.00	43.92 0.82 0.00	48.80 0.91 0.00	54.67 0.97 0.00	60.39 0.89 0.00	54.67 0.86 0.00	48.23 0.71 0.00	44.70 0.70 0.00	39.78 0.55 0.00

GILBOA____ 23599	46.32 0.50 0.00	42.57 0.50 0.00	39.98 0.44 0.00	40.06 0.40 0.00	41.24 0.37 0.00	44.24 0.48 0.00	54.08 0.75 0.00	67.72 0.87 0.00	56.06 0.88 0.00	45.89 0.77 0.00	39.15 0.65 0.00	37.47 0.77 0.00	36.99 0.76 0.00	38.19 0.90 0.00	39.24 0.96 0.00	39.43 0.74 0.00	43.93 0.82 0.00	48.81 0.91 0.00	54.67 0.97 0.00	60.39 0.89 0.00	54.68 0.86 0.00	48.28 0.76 0.00	44.70 0.70 0.00	39.78 0.55 0.00
GINNA____ 23603	43.57 -2.24 0.00	39.88 -2.19 0.00	37.45 -2.10 0.00	37.60 -2.06 0.00	38.79 -2.08 0.00	41.39 -2.36 0.00	50.07 -3.25 0.00	62.63 -4.21 0.01	51.36 -3.81 0.01	42.50 -2.62 0.00	36.30 -2.19 0.00	34.63 -2.05 0.01	33.97 -2.25 0.01	34.86 -2.42 0.01	35.78 -2.49 0.02	36.22 -2.48 0.00	40.35 -2.76 0.00	44.60 -3.30 -0.01	50.43 -3.28 0.00	55.98 -3.51 0.00	50.75 -3.07 0.00	44.43 -3.09 0.00	41.18 -2.82 0.00	36.84 -2.39 0.00
GLEN PARK____ 23778	46.68 0.87 0.00	42.78 0.71 0.00	40.14 0.59 0.00	40.41 0.75 0.00	41.56 0.69 0.00	44.55 0.79 0.00	54.88 1.55 0.00	68.93 2.07 0.00	56.50 1.32 0.00	44.98 -0.13 0.00	37.80 -0.69 0.00	36.04 -0.66 0.00	35.40 -0.83 0.00	36.29 -1.01 0.00	37.59 -0.69 0.00	38.47 -0.23 0.00	42.89 -0.21 0.00	47.99 0.10 0.00	54.35 0.65 0.00	60.57 1.07 0.00	54.73 0.91 0.00	48.52 1.00 0.00	44.83 0.83 0.00	39.98 0.74 0.00
GLENDALE_27_KV_LOAD 356172	47.75 1.92 -0.01	43.80 1.72 -0.01	40.97 1.42 0.00	40.97 1.31 0.00	42.14 1.27 0.00	45.42 1.66 0.00	55.46 2.13 0.00	69.66 2.81 0.00	58.02 2.65 -0.19	49.93 2.89 -1.92	41.00 2.50 0.00	39.08 2.39 0.00	38.73 2.50 0.00	39.79 2.50 0.00	40.84 2.56 0.00	41.37 2.67 0.00	47.23 2.93 -1.19	53.21 2.97 -2.35	58.90 2.90 -2.29	63.99 3.09 -1.40	56.88 2.64 -0.43	50.24 2.57 -0.16	46.46 2.46 0.00	41.28 2.04 -0.01
GLENWOOD_IC_1_G5 23712	47.60 1.79 0.00	43.67 1.60 0.00	40.81 1.27 0.00	40.85 1.19 0.00	41.97 1.10 0.00	45.24 1.49 0.00	55.25 1.92 0.00	69.39 2.54 0.00	57.58 2.21 -0.19	49.84 2.80 -1.92	41.05 2.54 -0.01	39.12 2.42 0.00	38.75 2.50 -0.01	39.79 2.50 0.00	40.81 2.53 0.00	41.29 2.59 0.00	47.19 2.89 -1.20	53.26 3.02 -2.34	58.91 2.90 -2.30	64.00 3.09 -1.41	57.00 2.74 -0.44	50.35 2.66 -0.17	46.56 2.55 -0.01	41.31 2.08 0.00
GLENWOOD_IC_2_G1 23688	47.33 1.51 0.00	43.41 1.35 0.00	40.62 1.07 0.00	40.65 0.99 0.00	41.81 0.94 0.00	45.03 1.27 0.00	55.14 1.81 0.00	69.39 2.54 0.00	57.74 2.37 -0.19	49.52 2.48 -1.92	40.73 2.23 0.00	38.75 2.05 0.00	38.44 2.21 0.00	39.49 2.20 0.00	40.46 2.18 0.00	40.98 2.28 0.00	46.88 2.59 -1.19	52.97 2.73 -2.34	58.84 2.84 -2.29	63.92 3.03 -1.40	56.77 2.53 -0.43	49.96 2.28 -0.16	46.20 2.20 0.00	41.04 1.81 0.00
GLENWOOD_IC_3_G1 23689	47.33 1.51 0.00	43.41 1.35 0.00	40.62 1.07 0.00	40.65 0.99 0.00	41.81 0.94 0.00	45.03 1.27 0.00	55.14 1.81 0.00	69.39 2.54 0.00	57.74 2.37 -0.19	49.52 2.48 -1.92	40.73 2.23 0.00	38.75 2.05 0.00	38.44 2.21 0.00	39.49 2.20 0.00	40.46 2.18 0.00	40.98 2.28 0.00	46.88 2.59 -1.19	52.97 2.73 -2.34	58.84 2.84 -2.29	63.92 3.03 -1.40	56.77 2.53 -0.43	49.96 2.28 -0.16	46.20 2.20 0.00	41.04 1.81 0.00
GLENWOOD___4 23550	47.60 1.79 0.00	43.67 1.60 0.00	40.81 1.27 0.00	40.85 1.19 0.00	41.97 1.10 0.00	45.24 1.49 0.00	55.30 1.97 0.00	69.53 2.67 0.00	57.74 2.37 -0.19	49.84 2.80 -1.92	41.05 2.54 -0.01	39.12 2.42 0.00	38.75 2.50 -0.01	39.79 2.50 0.00	40.81 2.53 0.00	41.29 2.59 0.00	47.19 2.89 -1.20	53.26 3.02 -2.34	59.01 3.01 -2.30	64.12 3.21 -1.41	57.05 2.80 -0.44	50.35 2.66 -0.17	46.56 2.55 -0.01	41.31 2.08 0.00
GLENWOOD___5 23614	47.60 1.79 0.00	43.67 1.60 0.00	40.81 1.27 0.00	40.85 1.19 0.00	41.97 1.10 0.00	45.24 1.49 0.00	55.30 1.97 0.00	69.53 2.67 0.00	57.74 2.37 -0.19	49.84 2.80 -1.92	41.05 2.54 -0.01	39.12 2.42 0.00	38.75 2.50 -0.01	39.79 2.50 0.00	40.81 2.53 0.00	41.29 2.59 0.00	47.19 2.89 -1.20	53.26 3.02 -2.34	59.01 3.01 -2.30	64.12 3.21 -1.41	57.05 2.80 -0.44	50.35 2.66 -0.17	46.56 2.55 -0.01	41.31 2.08 0.00
GLOBAL GREEN_PORT_GT1 23814	48.29 2.47 0.00	44.13 2.06 0.00	41.09 1.54 0.00	41.05 1.39 0.00	42.22 1.35 0.00	45.59 1.84 0.00	55.94 2.61 0.00	70.93 4.08 0.00	58.74 3.37 -0.19	50.60 3.56 -1.92	42.28 3.77 -0.01	39.96 3.26 0.00	39.64 3.40 -0.01	40.58 3.28 0.00	41.04 2.76 0.00	41.52 2.82 0.00	47.70 3.40 -1.19	54.26 4.02 -2.34	60.67 4.67 -2.30	66.14 5.24 -1.40	58.71 4.46 -0.43	51.35 3.66 -0.17	47.44 3.43 -0.01	41.86 2.63 0.00
GLOBE___DSASP 323697	43.11 -2.70 0.00	39.33 -2.73 0.00	37.02 -2.53 0.00	37.00 -2.66 0.00	38.05 -2.82 0.00	39.56 -4.20 0.00	46.40 -6.93 0.00	57.21 -9.63 0.02	46.97 -8.17 0.04	39.23 -5.64 0.24	33.72 -4.77 0.00	31.36 -5.10 0.23	31.28 -4.93 0.02	32.13 -5.15 0.02	30.41 -4.94 2.93	29.90 -4.99 3.80	34.55 -5.82 2.74	40.15 -7.33 0.42	45.84 -7.57 0.29	51.94 -7.38 0.18	47.25 -6.51 0.05	40.99 -6.51 0.02	38.10 -5.90 0.00	35.11 -4.12 0.00
GOETHSLN___LBMP 323567	47.05 1.24 0.00	43.16 1.09 0.00	40.41 0.87 0.01	40.45 0.79 0.01	41.56 0.69 0.01	44.84 1.09 0.01	54.48 1.65 0.50	66.73 2.34 2.47	55.42 2.21 1.96	49.38 2.35 -1.92	40.54 2.04 0.00	38.64 1.94 0.00	38.26 2.03 0.00	39.31 2.01 0.00	40.39 2.11 0.00	40.86 2.17 0.00	46.66 2.37 -1.18	52.63 2.39 -2.34	56.26 2.36 -0.20	62.34 2.56 -0.29	56.12 2.10 -0.21	49.67 2.00 -0.15	45.88 1.89 0.01	40.68 1.45 0.00
GOLAH___69_KV_TB_1_2 80279	45.13 -0.69 0.00	41.31 -0.76 0.00	38.84 -0.71 0.00	38.91 -0.75 0.00	40.18 -0.69 0.00	42.71 -1.05 0.00	51.41 -1.92 0.00	64.03 -2.81 0.01	52.46 -2.70 0.01	43.36 -1.76 0.00	36.96 -1.54 0.00	34.92 -1.76 0.01	34.44 -1.78 0.01	35.31 -1.98 0.01	36.20 -2.07 0.02	36.65 -2.05 0.00	40.74 -2.37 0.00	44.79 -2.87 0.23	50.97 -2.74 0.00	57.06 -2.44 0.00	51.66 -2.15 0.00	45.14 -2.38 0.00	41.75 -2.24 0.00	37.62 -1.61 0.00
GOODYEAR_LAKE_HYD 323669	47.28 1.47 0.00	43.33 1.26 0.00	40.69 1.15 0.00	40.81 1.15 0.00	41.97 1.10 0.00	45.07 1.31 0.00	55.20 1.87 0.00	69.19 2.34 0.00	56.95 1.82 0.05	45.95 1.35 0.52	39.46 0.96 0.00	37.72 1.03 0.00	37.28 1.05 0.00	38.41 1.12 0.00	39.54 1.26 0.00	39.93 1.24 0.00	44.25 1.47 0.32	48.84 1.58 0.64	54.90 1.83 0.63	61.14 2.02 0.38	55.47 1.78 0.12	49.00 1.52 0.04	45.36 1.36 0.00	40.41 1.18 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	46.05 0.23 0.00	42.19 0.13 0.00	39.63 0.08 0.00	39.70 0.04 0.00	40.91 0.04 0.00	43.71 -0.04 0.00	53.12 -0.21 0.00	66.38 -0.47 0.00	54.69 -0.44 0.05	44.30 -0.32 0.51	38.19 -0.31 0.00	36.36 -0.33 0.00	35.87 -0.36 0.00	36.96 -0.34 0.00	37.94 -0.34 0.00	38.35 -0.35 0.00	42.45 -0.34 0.31	46.73 -0.53 0.64	52.78 -0.32 0.60	58.95 -0.18 0.37	53.59 -0.11 0.11	47.19 -0.29 0.04	43.73 -0.26 0.00	39.15 -0.08 0.00

GOWANUS_GT4_5 24134	47.84 2.02 -0.01	43.88 1.81 -0.01	41.01 1.46 0.00	41.01 1.35 0.00	42.18 1.31 0.00	45.42 1.66 0.00	55.09 1.76 0.00	69.12 2.27 0.00	57.58 2.21 -0.19	49.84 2.80 -1.92	40.96 2.46 0.00	39.01 2.31 0.00	38.69 2.46 0.00	39.75 2.46 0.00	40.81 2.53 0.00	41.33 2.63 0.00	47.14 2.84 -1.19	53.02 2.78 -2.35	58.57 2.58 -2.29	63.63 2.74 -1.40	56.56 2.31 -0.43	50.20 2.52 -0.16	46.42 2.42 0.00	41.32 2.08 -0.01
GOWANUS_GT4_6 24135	47.84 2.02 -0.01	43.88 1.81 -0.01	41.01 1.46 0.00	41.01 1.35 0.00	42.18 1.31 0.00	45.42 1.66 0.00	55.09 1.76 0.00	69.12 2.27 0.00	57.58 2.21 -0.19	49.84 2.80 -1.92	40.96 2.46 0.00	39.01 2.31 0.00	38.69 2.46 0.00	39.75 2.46 0.00	40.81 2.53 0.00	41.33 2.63 0.00	47.14 2.84 -1.19	53.02 2.78 -2.35	58.57 2.58 -2.29	63.63 2.74 -1.40	56.56 2.31 -0.43	50.20 2.52 -0.16	46.42 2.42 0.00	41.32 2.08 -0.01
GOWANUS_GT4_7 24136	47.84 2.02 -0.01	43.88 1.81 -0.01	41.01 1.46 0.00	41.01 1.35 0.00	42.18 1.31 0.00	45.42 1.66 0.00	55.09 1.76 0.00	69.12 2.27 0.00	57.58 2.21 -0.19	49.84 2.80 -1.92	40.96 2.46 0.00	39.01 2.31 0.00	38.69 2.46 0.00	39.75 2.46 0.00	40.81 2.53 0.00	41.33 2.63 0.00	47.14 2.84 -1.19	53.02 2.78 -2.35	58.57 2.58 -2.29	63.63 2.74 -1.40	56.56 2.31 -0.43	50.20 2.52 -0.16	46.42 2.42 0.00	41.32 2.08 -0.01
GOWANUS_GT4_8 24137	47.84 2.02 -0.01	43.88 1.81 -0.01	41.01 1.46 0.00	41.01 1.35 0.00	42.18 1.31 0.00	45.42 1.66 0.00	55.09 1.76 0.00	69.12 2.27 0.00	57.58 2.21 -0.19	49.84 2.80 -1.92	40.96 2.46 0.00	39.01 2.31 0.00	38.69 2.46 0.00	39.75 2.46 0.00	40.81 2.53 0.00	41.33 2.63 0.00	47.14 2.84 -1.19	53.02 2.78 -2.35	58.57 2.58 -2.29	63.63 2.74 -1.40	56.56 2.31 -0.43	50.20 2.52 -0.16	46.42 2.42 0.00	41.32 2.08 -0.01
GREATVR_69_KV_BK1 356245	48.24 2.43 0.00	44.13 2.06 0.00	41.13 1.58 0.00	41.17 1.51 0.00	42.34 1.47 0.00	45.68 1.93 0.00	56.00 2.67 0.00	70.66 3.81 0.00	58.46 3.09 -0.19	50.51 3.47 -1.92	41.81 3.31 -0.01	39.74 3.05 0.00	39.39 3.15 -0.01	40.39 3.10 0.00	41.42 3.14 0.00	41.83 3.13 0.00	47.96 3.66 -1.19	54.17 3.93 -2.34	60.62 4.62 -2.30	65.96 5.06 -1.40	58.61 4.36 -0.44	51.54 3.85 -0.17	47.57 3.56 -0.01	42.14 2.90 0.00
GREENBSH_115KV_TB3 55895	45.95 0.14 0.00	42.32 0.25 0.00	39.82 0.28 0.00	39.94 0.28 0.00	41.03 0.16 0.00	44.06 0.31 0.00	53.81 0.48 0.00	67.45 0.60 0.00	55.93 0.72 -0.04	45.85 0.36 -0.37	38.84 0.35 0.00	37.02 0.33 0.00	36.56 0.33 0.00	37.63 0.34 0.00	38.62 0.34 0.00	39.12 0.43 0.00	43.89 0.56 -0.23	49.06 0.72 -0.45	54.84 0.70 -0.44	60.42 0.65 -0.27	54.43 0.54 -0.08	48.02 0.48 -0.03	44.53 0.53 0.00	39.51 0.27 0.00
GREENDGE_115KV_TB5 80291	46.00 0.18 0.00	42.03 -0.04 0.00	39.51 -0.04 0.00	39.54 -0.12 0.00	40.87 0.00 0.00	43.54 -0.22 0.00	52.37 -0.96 0.00	65.06 -1.74 0.05	53.60 -1.49 0.08	44.05 -0.77 0.31	37.73 -0.77 0.00	36.06 -0.92 -0.28	35.20 -0.98 0.05	36.19 -1.04 0.05	41.71 -1.07 -4.50	43.45 -1.28 -6.03	45.68 -1.34 -3.91	45.87 -1.58 0.45	51.84 -1.50 0.36	57.67 -1.61 0.22	52.78 -0.97 0.07	46.64 -0.86 0.03	43.12 -0.88 0.00	38.72 -0.51 0.00
GREENIDGE__3 23582	46.00 0.18 0.00	42.03 -0.04 0.00	39.51 -0.04 0.00	39.54 -0.12 0.00	40.87 0.00 0.00	43.54 -0.22 0.00	52.37 -0.96 0.00	65.06 -1.74 0.05	53.60 -1.49 0.08	44.05 -0.77 0.31	37.73 -0.77 0.00	36.06 -0.92 -0.28	35.20 -0.98 0.05	36.19 -1.04 0.05	41.71 -1.07 -4.50	43.45 -1.28 -6.03	45.68 -1.34 -3.91	45.87 -1.58 0.45	51.84 -1.50 0.36	57.67 -1.61 0.22	52.78 -0.97 0.07	46.64 -0.86 0.03	43.12 -0.88 0.00	38.72 -0.51 0.00
GREENIDGE__4 23583	46.00 0.18 0.00	42.03 -0.04 0.00	39.51 -0.04 0.00	39.58 -0.08 0.00	40.87 0.00 0.00	43.54 -0.22 0.00	52.37 -0.96 0.00	65.06 -1.74 0.05	53.44 -1.65 0.08	44.09 -0.72 0.31	37.73 -0.77 0.00	36.13 -0.84 -0.28	35.20 -0.98 0.05	36.20 -1.04 0.05	41.71 -1.07 -4.50	43.45 -1.28 -6.03	45.68 -1.34 -3.91	45.87 -1.58 0.45	52.16 -1.18 0.36	57.61 -1.67 0.22	52.78 -0.97 0.07	46.49 -1.00 0.03	43.16 -0.84 0.00	38.72 -0.51 0.00
GREENLWN_69_KV_BK 3 55738	47.56 1.74 0.00	43.54 1.47 0.00	40.65 1.11 0.00	40.65 0.99 0.00	41.81 0.94 0.00	45.07 1.31 0.00	55.09 1.76 0.00	69.39 2.54 0.00	57.52 2.15 -0.19	49.84 2.80 -1.92	41.16 2.66 -0.01	39.19 2.50 0.00	38.85 2.61 -0.01	39.87 2.57 0.00	40.88 2.60 0.00	41.29 2.59 0.00	47.23 2.93 -1.19	53.21 2.97 -2.34	59.33 3.33 -2.30	64.47 3.57 -1.40	57.26 3.01 -0.44	50.39 2.71 -0.17	46.69 2.68 -0.01	41.47 2.24 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	47.84 2.02 -0.01	43.88 1.81 -0.01	41.01 1.46 0.00	41.01 1.35 0.00	42.18 1.31 0.00	45.42 1.66 0.00	55.09 1.76 0.00	69.12 2.27 0.00	57.58 2.21 -0.19	49.84 2.80 -1.92	40.96 2.46 0.00	39.01 2.31 0.00	38.69 2.46 0.00	39.75 2.46 0.00	40.81 2.53 0.00	41.33 2.63 0.00	47.14 2.84 -1.19	53.02 2.78 -2.35	58.57 2.58 -2.29	63.63 2.74 -1.40	56.56 2.31 -0.43	50.20 2.52 -0.16	46.42 2.42 0.00	41.32 2.08 -0.01
GRISSOM__SOLAR 323813	48.11 2.29 0.00	44.13 2.06 0.00	41.45 1.90 0.00	41.64 1.98 0.00	42.87 2.00 0.00	46.07 2.32 0.00	56.53 3.20 0.00	70.66 3.81 0.00	57.39 2.21 0.00	45.97 0.86 0.00	38.96 0.46 0.00	37.14 0.44 0.00	36.85 0.62 0.00	38.08 0.78 0.00	39.39 1.11 0.00	40.09 1.39 0.00	44.92 1.81 0.00	50.39 2.49 0.00	56.82 3.11 0.00	63.06 3.57 0.00	56.93 3.12 0.00	50.18 2.66 0.00	46.37 2.37 0.00	41.12 1.88 0.00
GROVEVILLE__HYD 323602	47.37 1.56 0.00	43.46 1.39 0.00	40.73 1.19 0.00	40.85 1.19 0.00	41.97 1.10 0.00	45.11 1.36 0.00	55.41 2.08 0.00	69.39 2.54 0.00	57.42 2.26 0.02	46.80 1.90 0.22	40.03 1.54 0.00	38.24 1.54 0.00	37.83 1.59 0.00	38.90 1.60 0.00	39.96 1.68 0.00	40.48 1.78 0.00	45.00 2.03 0.14	49.83 2.20 0.27	55.86 2.42 0.26	61.95 2.62 0.16	55.92 2.15 0.05	49.40 1.90 0.02	45.76 1.76 0.00	40.68 1.45 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	46.00 0.18 0.00	42.15 0.08 0.00	39.59 0.04 0.00	39.70 0.04 0.00	40.95 0.08 0.00	43.80 0.04 0.00	53.33 0.00 0.00	66.92 0.07 0.00	55.18 0.00 0.00	45.16 0.05 0.00	38.53 0.04 0.00	36.69 0.00 0.00	36.23 0.00 0.00	37.29 0.00 0.00	38.24 -0.04 0.00	38.62 -0.08 0.00	43.06 -0.04 0.00	47.71 -0.19 0.00	53.70 0.00 0.00	59.55 0.06 0.00	53.87 0.05 0.00	47.47 -0.05 0.00	43.91 -0.09 0.00	39.19 -0.04 0.00
HAMLTNNY_34_KV_TB 80303	46.09 0.27 0.00	42.24 0.17 0.00	39.67 0.12 0.00	39.74 0.08 0.00	41.03 0.16 0.00	43.89 0.13 0.00	53.38 0.05 0.00	66.92 0.07 0.00	55.18 0.00 0.00	45.16 0.05 0.00	38.53 0.04 0.00	36.69 0.00 0.00	36.19 -0.04 0.00	37.26 -0.04 0.00	38.20 -0.08 0.00	38.62 -0.08 0.00	43.02 -0.09 0.00	47.66 -0.24 0.00	53.70 0.00 0.00	59.61 0.12 0.00	53.92 0.11 0.00	47.47 -0.05 0.00	43.95 -0.04 0.00	39.23 0.00 0.00

HAMPSHIRE___PAPER_HYD 323593	45.36 -0.46 0.00	41.65 -0.42 0.00	39.15 -0.40 0.00	39.42 -0.24 0.00	40.50 -0.37 0.00	43.23 -0.52 0.00	52.90 -0.43 0.00	66.31 -0.54 0.00	54.02 -1.16 0.00	43.54 -1.58 0.00	36.99 -1.50 0.00	35.30 -1.39 0.00	34.78 -1.45 0.00	35.65 -1.64 0.00	36.75 -1.53 0.00	37.46 -1.24 0.00	41.77 -1.34 0.00	46.65 -1.25 0.00	52.26 -1.45 0.00	58.31 -1.19 0.00	52.63 -1.18 0.00	47.14 -0.38 0.00	43.60 -0.40 0.00	39.00 -0.23 0.00
HARDSCRABBLE_WT_PWR 323673	45.22 -0.60 0.00	41.61 -0.46 0.00	39.11 -0.43 0.00	39.26 -0.40 0.00	40.46 -0.41 0.00	43.41 -0.35 0.00	53.06 -0.27 0.00	66.58 -0.27 0.00	54.96 -0.22 0.00	44.85 -0.27 0.00	38.19 -0.31 0.00	36.36 -0.33 0.00	35.90 -0.33 0.00	36.88 -0.41 0.00	37.86 -0.42 0.00	38.31 -0.39 0.00	42.67 -0.43 0.00	47.37 -0.53 0.00	53.11 -0.59 0.00	58.72 -0.78 0.00	53.11 -0.70 0.00	46.90 -0.62 0.00	43.42 -0.57 0.00	38.68 -0.55 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	46.92 1.10 0.00	43.04 0.97 0.00	40.38 0.83 0.00	40.45 0.79 0.00	41.56 0.69 0.00	44.68 0.92 0.00	54.77 1.44 0.00	68.72 1.87 0.00	56.45 1.71 0.44	42.39 1.62 4.35	39.88 1.39 0.00	38.05 1.36 0.00	37.68 1.45 0.00	38.75 1.45 0.00	39.77 1.49 0.00	40.28 1.59 0.00	42.19 1.77 2.69	44.45 1.87 5.31	50.50 1.99 5.19	58.47 2.14 3.17	54.52 1.67 0.97	48.68 1.52 0.36	45.45 1.45 0.00	40.41 1.18 0.00
HARSNRAD_115KV_TB1 81005	43.07 -2.75 0.00	39.33 -2.73 0.00	36.98 -2.57 0.00	36.96 -2.70 0.00	38.05 -2.82 0.00	39.95 -3.81 0.00	47.14 -6.19 0.00	58.28 -8.56 0.02	47.74 -7.39 0.04	39.69 -5.19 0.24	34.11 -4.39 0.00	31.77 -4.70 0.22	31.68 -4.53 0.02	32.54 -4.74 0.02	30.90 -4.56 2.82	30.43 -4.60 3.66	35.12 -5.35 2.64	41.04 -6.42 0.44	46.55 -6.87 0.28	52.78 -6.54 0.17	48.00 -5.76 0.05	41.65 -5.84 0.02	38.67 -5.32 0.00	35.43 -3.81 0.00
HARZA MOOSE___RIVER 24016	46.32 0.50 0.00	42.57 0.50 0.00	40.02 0.47 0.00	40.22 0.56 0.00	41.36 0.49 0.00	44.28 0.53 0.00	54.29 0.96 0.00	68.12 1.27 0.00	55.68 0.50 0.00	44.89 -0.23 0.00	38.03 -0.46 0.00	36.25 -0.44 0.00	35.76 -0.47 0.00	36.62 -0.67 0.00	37.86 -0.42 0.00	38.46 -0.23 0.00	43.02 -0.09 0.00	48.14 0.24 0.00	54.24 0.54 0.00	60.33 0.83 0.00	54.46 0.65 0.00	48.23 0.71 0.00	44.66 0.66 0.00	39.82 0.59 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	45.68 -0.14 0.00	41.86 -0.21 0.00	39.35 -0.20 0.00	39.42 -0.24 0.00	40.67 -0.20 0.00	43.49 -0.26 0.00	52.96 -0.37 0.00	66.38 -0.47 0.00	54.79 -0.39 0.00	44.85 -0.27 0.00	38.30 -0.19 0.00	36.47 -0.22 0.00	36.01 -0.22 0.00	37.07 -0.22 0.00	38.01 -0.27 0.00	38.43 -0.27 0.00	42.80 -0.30 0.00	47.37 -0.53 0.00	53.27 -0.43 0.00	59.08 -0.42 0.00	53.44 -0.38 0.00	47.09 -0.43 0.00	43.56 -0.44 0.00	38.88 -0.35 0.00
HELLGATE_13_KV_LD 55870	47.79 1.97 -0.01	43.84 1.77 -0.01	41.01 1.46 0.00	41.01 1.35 0.00	42.18 1.31 0.00	45.42 1.66 0.00	55.46 2.13 0.00	69.66 2.81 0.00	58.02 2.65 -0.19	49.98 2.93 -1.92	41.04 2.54 0.00	39.12 2.42 0.00	38.77 2.54 0.00	39.83 2.54 0.00	40.88 2.60 0.00	41.37 2.67 0.00	47.23 2.93 -1.19	53.21 2.97 -2.35	58.90 2.90 -2.29	63.99 3.09 -1.40	56.82 2.58 -0.43	50.24 2.57 -0.16	46.46 2.46 0.00	41.32 2.08 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	47.79 1.97 -0.01	43.84 1.77 -0.01	41.01 1.46 0.00	41.01 1.35 0.00	42.18 1.31 0.00	45.42 1.66 0.00	55.46 2.13 0.00	69.66 2.81 0.00	58.02 2.65 -0.19	49.98 2.93 -1.92	41.04 2.54 0.00	39.12 2.42 0.00	38.77 2.54 0.00	39.83 2.54 0.00	40.88 2.60 0.00	41.37 2.67 0.00	47.23 2.93 -1.19	53.21 2.97 -2.35	58.90 2.90 -2.29	63.99 3.09 -1.40	56.82 2.58 -0.43	50.24 2.57 -0.16	46.46 2.46 0.00	41.32 2.08 -0.01
HEMPSTEAD___ 23647	47.65 1.83 0.00	43.67 1.60 0.00	40.77 1.23 0.00	40.81 1.15 0.00	41.93 1.06 0.00	45.20 1.44 0.00	55.30 1.97 0.00	69.66 2.81 0.00	57.91 2.54 -0.19	49.88 2.84 -1.92	41.13 2.62 -0.01	39.08 2.38 0.00	38.82 2.57 -0.01	39.86 2.57 0.00	40.77 2.49 0.00	41.29 2.59 0.00	47.28 2.97 -1.20	53.35 3.11 -2.34	59.28 3.28 -2.30	64.47 3.57 -1.41	57.26 3.01 -0.44	50.40 2.71 -0.17	46.65 2.64 -0.01	41.43 2.20 0.00
HICKLING___1 23621	45.68 -0.14 0.00	41.73 -0.34 0.00	39.23 -0.32 0.00	39.22 -0.44 0.00	40.46 -0.41 0.00	43.06 -0.70 0.00	51.84 -1.49 0.00	64.86 -1.94 0.05	53.38 -1.71 0.09	43.42 -1.31 0.39	37.30 -1.19 0.00	35.52 -1.25 -0.07	34.87 -1.30 0.05	35.90 -1.34 0.05	38.59 -1.34 -1.65	39.15 -1.82 -2.27	42.43 -1.98 -1.31	44.99 -2.35 0.56	51.20 -2.04 0.46	57.49 -1.73 0.28	52.28 -1.45 0.09	45.92 -1.57 0.03	42.50 -1.50 0.00	38.33 -0.90 0.00
HICKLING___2 23622	45.68 -0.14 0.00	41.73 -0.34 0.00	39.23 -0.32 0.00	39.22 -0.44 0.00	40.46 -0.41 0.00	43.06 -0.70 0.00	51.84 -1.49 0.00	64.86 -1.94 0.05	53.38 -1.71 0.09	43.42 -1.31 0.39	37.30 -1.19 0.00	35.52 -1.25 -0.07	34.87 -1.30 0.05	35.90 -1.34 0.05	38.59 -1.34 -1.65	39.15 -1.82 -2.27	42.43 -1.98 -1.31	44.99 -2.35 0.56	51.20 -2.04 0.46	57.49 -1.73 0.28	52.28 -1.45 0.09	45.92 -1.57 0.03	42.50 -1.50 0.00	38.33 -0.90 0.00
HIGH FALLS___HY 23754	47.33 1.51 0.00	43.41 1.35 0.00	40.65 1.11 0.00	40.77 1.11 0.00	41.89 1.02 0.00	45.07 1.31 0.00	55.36 2.03 0.00	69.26 2.41 0.00	57.20 2.10 0.07	46.15 1.76 0.73	39.92 1.42 0.00	38.16 1.47 0.00	37.72 1.49 0.00	38.78 1.49 0.00	39.85 1.57 0.00	40.36 1.66 0.00	44.55 1.90 0.45	49.06 2.06 0.89	55.14 2.31 0.87	61.52 2.56 0.53	55.70 2.04 0.16	49.26 1.81 0.06	45.67 1.67 0.00	40.65 1.41 0.00
HIGH_RIVER___SOLAR 323847	47.15 1.33 0.00	43.29 1.22 0.00	40.69 1.15 0.00	40.81 1.15 0.00	42.01 1.14 0.00	45.11 1.36 0.00	55.25 1.92 0.00	69.13 2.27 0.00	56.64 1.43 -0.03	45.97 0.59 -0.26	38.73 0.23 0.00	36.99 0.29 0.00	36.74 0.51 0.00	37.85 0.56 0.00	39.01 0.73 0.00	39.62 0.93 0.00	44.43 1.16 -0.16	49.80 1.58 -0.32	55.95 1.93 -0.31	61.82 2.14 -0.19	55.76 1.88 -0.06	49.11 1.57 -0.02	45.45 1.45 0.00	40.33 1.10 0.00
HILLBURN___GT 23639	46.78 0.96 0.00	42.95 0.88 0.00	40.26 0.71 0.00	40.29 0.63 0.00	41.44 0.57 0.00	44.59 0.83 0.00	54.61 1.28 0.00	68.66 1.81 0.00	56.43 1.71 0.46	42.26 1.76 4.62	40.04 1.54 0.00	38.12 1.43 0.00	37.79 1.56 0.00	38.86 1.57 0.00	39.89 1.61 0.00	40.40 1.70 0.00	42.11 1.85 2.85	44.23 1.96 5.64	50.19 1.99 5.50	58.28 2.14 3.36	54.51 1.72 1.03	48.66 1.52 0.38	45.49 1.50 0.00	40.45 1.22 0.00
HILLSIDE_115KV_TB1 80332	44.95 -0.87 0.00	41.06 -1.01 0.00	38.60 -0.95 0.00	38.63 -1.03 0.00	39.81 -1.06 0.00	42.40 -1.36 0.00	51.14 -2.19 0.00	63.99 -2.81 0.05	52.71 -2.37 0.09	42.91 -1.80 0.40	36.88 -1.62 0.00	35.13 -1.61 -0.05	34.55 -1.63 0.05	35.60 -1.64 0.05	37.90 -1.65 -1.27	38.30 -2.17 -1.77	41.69 -2.37 -0.96	44.54 -2.78 0.58	50.54 -2.69 0.48	56.70 -2.50 0.29	51.57 -2.15 0.09	45.30 -2.19 0.03	41.97 -2.02 0.00	37.82 -1.41 0.00

HISHELDN_WT_PWR 323625	44.03 -1.79 0.00	40.18 -1.89 0.00	37.77 -1.78 0.00	37.80 -1.86 0.00	38.83 -2.04 0.00	40.91 -2.84 0.00	48.58 -4.75 0.00	60.21 -6.62 0.03	49.33 -5.79 0.05	40.42 -4.42 0.28	34.57 -3.93 0.00	31.98 -4.04 0.68	32.07 -4.13 0.03	32.94 -4.33 0.03	25.05 -4.29 8.94	22.41 -4.61 11.68	29.86 -5.13 8.12	41.61 -5.85 0.44	47.73 -5.64 0.33	53.76 -5.53 0.20	49.18 -4.57 0.06	42.89 -4.61 0.02	39.95 -4.05 0.00	36.33 -2.90 0.00
HOLTSVILLE_IC_1 23690	47.60 1.79 0.00	43.58 1.51 0.00	40.62 1.07 0.00	40.65 0.99 0.00	41.81 0.94 0.00	45.11 1.36 0.00	55.14 1.81 0.00	69.72 2.87 0.00	57.80 2.43 -0.19	49.88 2.84 -1.92	41.35 2.85 -0.01	39.22 2.53 0.00	38.96 2.72 -0.01	39.98 2.69 0.00	40.73 2.45 0.00	41.33 2.63 0.00	47.41 3.11 -1.19	53.64 3.40 -2.34	59.81 3.81 -2.30	65.12 4.22 -1.40	57.86 3.61 -0.43	50.77 3.09 -0.17	47.00 2.99 -0.01	41.67 2.43 0.00
HOLTSVILLE_IC_10 23699	47.78 1.97 0.00	43.71 1.64 0.00	40.73 1.19 0.00	40.73 1.07 0.00	41.93 1.06 0.00	45.25 1.49 0.00	55.36 2.03 0.00	69.99 3.14 0.00	58.02 2.65 -0.19	50.06 3.02 -1.92	41.54 3.04 -0.01	39.37 2.68 0.00	39.10 2.86 -0.01	40.13 2.83 0.00	40.84 2.57 0.00	41.44 2.75 0.00	47.57 3.27 -1.19	53.93 3.69 -2.34	60.14 4.14 -2.30	65.48 4.58 -1.40	58.23 3.98 -0.43	51.01 3.33 -0.17	47.26 3.26 -0.01	41.86 2.63 0.00
HOLTSVILLE_IC_2 23691	47.60 1.79 0.00	43.58 1.51 0.00	40.62 1.07 0.00	40.65 0.99 0.00	41.81 0.94 0.00	45.11 1.36 0.00	55.14 1.81 0.00	69.72 2.87 0.00	57.80 2.43 -0.19	49.88 2.84 -1.92	41.35 2.85 -0.01	39.22 2.53 0.00	38.96 2.72 -0.01	39.98 2.69 0.00	40.73 2.45 0.00	41.33 2.63 0.00	47.41 3.11 -1.19	53.64 3.40 -2.34	59.81 3.81 -2.30	65.12 4.22 -1.40	57.86 3.61 -0.43	50.77 3.09 -0.17	47.00 2.99 -0.01	41.67 2.43 0.00
HOLTSVILLE_IC_3 23692	47.60 1.79 0.00	43.58 1.51 0.00	40.62 1.07 0.00	40.65 0.99 0.00	41.81 0.94 0.00	45.11 1.36 0.00	55.14 1.81 0.00	69.72 2.87 0.00	57.80 2.43 -0.19	49.88 2.84 -1.92	41.35 2.85 -0.01	39.22 2.53 0.00	38.96 2.72 -0.01	39.98 2.69 0.00	40.73 2.45 0.00	41.33 2.63 0.00	47.41 3.11 -1.19	53.64 3.40 -2.34	59.81 3.81 -2.30	65.12 4.22 -1.40	57.86 3.61 -0.43	50.77 3.09 -0.17	47.00 2.99 -0.01	41.67 2.43 0.00
HOLTSVILLE_IC_4 23693	47.60 1.79 0.00	43.58 1.51 0.00	40.62 1.07 0.00	40.65 0.99 0.00	41.81 0.94 0.00	45.11 1.36 0.00	55.14 1.81 0.00	69.72 2.87 0.00	57.80 2.43 -0.19	49.88 2.84 -1.92	41.35 2.85 -0.01	39.22 2.53 0.00	38.96 2.72 -0.01	39.98 2.69 0.00	40.73 2.45 0.00	41.33 2.63 0.00	47.41 3.11 -1.19	53.64 3.40 -2.34	59.81 3.81 -2.30	65.12 4.22 -1.40	57.86 3.61 -0.43	50.77 3.09 -0.17	47.00 2.99 -0.01	41.67 2.43 0.00
HOLTSVILLE_IC_5 23694	47.60 1.79 0.00	43.58 1.51 0.00	40.62 1.07 0.00	40.65 0.99 0.00	41.81 0.94 0.00	45.11 1.36 0.00	55.14 1.81 0.00	69.72 2.87 0.00	57.80 2.43 -0.19	49.88 2.84 -1.92	41.35 2.85 -0.01	39.22 2.53 0.00	38.96 2.72 -0.01	39.98 2.69 0.00	40.73 2.45 0.00	41.33 2.63 0.00	47.41 3.11 -1.19	53.64 3.40 -2.34	59.81 3.81 -2.30	65.12 4.22 -1.40	57.86 3.61 -0.43	50.77 3.09 -0.17	47.00 2.99 -0.01	41.67 2.43 0.00
HOLTSVILLE_IC_6 23695	47.78 1.97 0.00	43.71 1.64 0.00	40.73 1.19 0.00	40.73 1.07 0.00	41.93 1.06 0.00	45.25 1.49 0.00	55.36 2.03 0.00	69.99 3.14 0.00	58.02 2.65 -0.19	50.06 3.02 -1.92	41.54 3.04 -0.01	39.37 2.68 0.00	39.10 2.86 -0.01	40.13 2.83 0.00	40.84 2.57 0.00	41.44 2.75 0.00	47.57 3.27 -1.19	53.93 3.69 -2.34	60.14 4.14 -2.30	65.48 4.58 -1.40	58.23 3.98 -0.43	51.01 3.33 -0.17	47.26 3.26 -0.01	41.86 2.63 0.00
HOLTSVILLE_IC_7 23696	47.78 1.97 0.00	43.71 1.64 0.00	40.73 1.19 0.00	40.73 1.07 0.00	41.93 1.06 0.00	45.25 1.49 0.00	55.36 2.03 0.00	69.99 3.14 0.00	58.02 2.65 -0.19	50.06 3.02 -1.92	41.54 3.04 -0.01	39.37 2.68 0.00	39.10 2.86 -0.01	40.13 2.83 0.00	40.84 2.57 0.00	41.44 2.75 0.00	47.57 3.27 -1.19	53.93 3.69 -2.34	60.14 4.14 -2.30	65.48 4.58 -1.40	58.23 3.98 -0.43	51.01 3.33 -0.17	47.26 3.26 -0.01	41.86 2.63 0.00
HOLTSVILLE_IC_8 23697	47.78 1.97 0.00	43.71 1.64 0.00	40.73 1.19 0.00	40.73 1.07 0.00	41.93 1.06 0.00	45.25 1.49 0.00	55.36 2.03 0.00	69.99 3.14 0.00	58.02 2.65 -0.19	50.06 3.02 -1.92	41.54 3.04 -0.01	39.37 2.68 0.00	39.10 2.86 -0.01	40.13 2.83 0.00	40.84 2.57 0.00	41.44 2.75 0.00	47.57 3.27 -1.19	53.93 3.69 -2.34	60.14 4.14 -2.30	65.48 4.58 -1.40	58.23 3.98 -0.43	51.01 3.33 -0.17	47.26 3.26 -0.01	41.86 2.63 0.00
HOLTSVILLE_IC_9 23698	47.78 1.97 0.00	43.71 1.64 0.00	40.73 1.19 0.00	40.73 1.07 0.00	41.93 1.06 0.00	45.25 1.49 0.00	55.36 2.03 0.00	69.99 3.14 0.00	58.02 2.65 -0.19	50.06 3.02 -1.92	41.54 3.04 -0.01	39.37 2.68 0.00	39.10 2.86 -0.01	40.13 2.83 0.00	40.84 2.57 0.00	41.44 2.75 0.00	47.57 3.27 -1.19	53.93 3.69 -2.34	60.14 4.14 -2.30	65.48 4.58 -1.40	58.23 3.98 -0.43	51.01 3.33 -0.17	47.26 3.26 -0.01	41.86 2.63 0.00
HOMER_HL_115KV_TB2 355744	43.94 -1.88 0.00	40.05 -2.02 0.00	37.61 -1.94 0.00	37.60 -2.06 0.00	38.62 -2.25 0.00	40.87 -2.89 0.00	48.74 -4.59 0.00	60.87 -5.95 0.03	49.99 -5.13 0.06	40.50 -4.33 0.29	34.72 -3.77 0.00	33.14 -3.45 0.10	32.69 -3.51 0.03	33.87 -3.39 0.03	33.98 -3.22 1.08	32.88 -4.45 1.36	36.96 -5.04 1.11	41.78 -5.65 0.46	47.61 -5.75 0.35	53.93 -5.35 0.21	49.07 -4.68 0.06	42.84 -4.66 0.02	39.69 -4.31 0.00	36.29 -2.94 0.00
HOWARD_WT_PWR 323690	45.77 -0.05 0.00	41.82 -0.25 0.00	39.27 -0.27 0.00	39.34 -0.32 0.00	40.54 -0.33 0.00	42.97 -0.79 0.00	51.57 -1.76 0.00	64.12 -2.68 0.05	52.50 -2.59 0.08	42.63 -2.16 0.32	36.34 -2.15 0.00	34.82 -2.53 -0.65	33.39 -2.79 0.05	34.22 -3.02 0.05	44.72 -3.10 -9.53	47.84 -3.48 -12.62	47.74 -3.75 -8.39	43.29 -4.12 0.49	49.72 -3.60 0.39	55.87 -3.39 0.24	51.21 -2.53 0.07	44.97 -2.52 0.03	41.80 -2.20 0.00	37.90 -1.33 0.00
HQ_GEN_CEDARS 23644	46.18 0.37 0.00	42.36 0.29 0.00	39.86 0.32 0.00	40.14 0.48 0.00	41.61 0.74 0.00	44.33 0.57 0.00	53.81 0.48 0.00	67.32 0.47 0.00	55.29 0.11 0.00	45.21 0.09 0.00	38.61 0.12 0.00	36.80 0.11 0.00	36.38 0.14 0.00	37.44 0.15 0.00	38.36 0.08 0.00	38.89 0.19 0.00	43.15 0.04 0.00	48.04 0.14 0.00	53.49 -0.21 0.00	59.38 -0.12 0.00	53.76 -0.05 0.00	47.90 0.38 0.00	44.31 0.31 0.00	39.78 0.55 0.00
HQ_GEN_CEDARS_PROXY 323590	46.18 0.36 0.00	42.36 0.30 0.00	39.86 0.31 0.00	40.14 0.48 0.00	41.61 0.74 0.00	44.32 0.57 0.00	53.81 0.48 0.00	67.32 0.47 0.00	55.29 0.11 0.00	45.16 0.05 0.00	38.61 0.12 0.00	36.88 0.18 0.00	36.38 0.15 0.00	37.44 0.15 0.00	38.36 0.08 0.00	38.89 0.19 0.00	43.15 0.04 0.00	48.04 0.14 0.00	53.27 -0.43 0.00	59.38 -0.12 0.00	53.76 -0.05 0.00	47.99 0.48 0.00	44.31 0.31 0.00	39.78 0.55 0.00

HQ_GEN_CHPE_PROXY 323851	47.15 1.33 0.00	43.29 1.22 0.00	40.49 0.95 0.00	40.53 0.87 0.00	41.69 0.82 0.00	44.94 1.18 0.00	55.09 1.76 0.00	69.33 2.47 0.00	57.74 2.37 -0.19	49.43 2.39 -1.92	40.57 2.08 0.00	38.60 1.91 0.00	38.30 2.06 0.00	39.38 2.09 0.00	40.42 2.14 0.00	40.90 2.20 0.00	46.75 2.46 -1.19	52.78 2.54 -2.35	58.58 2.58 -2.29	63.63 2.74 -1.40	56.45 2.21 -0.43	49.72 2.04 -0.16	45.93 1.93 0.00	40.80 1.57 0.00
HQ_GEN_IMPORT 323601	46.00 0.18 0.00	42.24 0.17 0.00	39.71 0.16 0.00	39.86 0.20 0.00	41.12 0.25 0.00	43.98 0.22 0.00	53.49 0.16 0.00	67.05 0.20 0.00	55.29 0.11 0.00	45.26 0.14 0.00	38.61 0.12 0.00	36.84 0.15 0.00	36.34 0.11 0.00	37.41 0.11 0.00	38.36 0.08 0.00	38.81 0.12 0.00	43.19 0.09 0.00	48.04 0.14 0.00	53.70 0.00 0.00	59.55 0.06 0.00	53.92 0.11 0.00	47.71 0.19 0.00	44.13 0.13 0.00	39.43 0.20 0.00
HQ_GEN_WHEEL 23651	46.00 0.18 0.00	42.24 0.17 0.00	39.71 0.16 0.00	39.86 0.20 0.00	41.12 0.25 0.00	43.98 0.22 0.00	53.49 0.16 0.00	67.05 0.20 0.00	55.29 0.11 0.00	45.26 0.14 0.00	38.61 0.12 0.00	36.84 0.15 0.00	36.34 0.11 0.00	37.41 0.11 0.00	38.36 0.08 0.00	38.81 0.12 0.00	43.19 0.09 0.00	48.04 0.14 0.00	53.70 0.00 0.00	59.55 0.06 0.00	53.92 0.11 0.00	47.71 0.19 0.00	44.13 0.13 0.00	39.43 0.20 0.00
HUDSON_AVE_GT_3 23810	47.33 1.51 0.00	43.46 1.39 0.00	40.65 1.11 0.00	40.69 1.03 0.00	41.81 0.94 0.00	45.11 1.36 0.00	55.30 1.97 0.00	69.59 2.74 0.00	57.91 2.54 -0.19	49.66 2.62 -1.92	40.73 2.23 0.00	38.82 2.13 0.00	38.48 2.25 0.00	39.53 2.24 0.00	40.58 2.30 0.00	41.10 2.40 0.00	46.92 2.63 -1.19	52.93 2.68 -2.35	58.74 2.74 -2.29	63.81 2.92 -1.40	56.66 2.42 -0.43	49.96 2.28 -0.16	46.15 2.16 0.00	40.92 1.69 0.00
HUDSON_AVE_GT_4 23540	47.33 1.51 0.00	43.46 1.39 0.00	40.65 1.11 0.00	40.69 1.03 0.00	41.81 0.94 0.00	45.11 1.36 0.00	55.30 1.97 0.00	69.59 2.74 0.00	57.91 2.54 -0.19	49.66 2.62 -1.92	40.73 2.23 0.00	38.82 2.13 0.00	38.48 2.25 0.00	39.53 2.24 0.00	40.58 2.30 0.00	41.10 2.40 0.00	46.92 2.63 -1.19	52.93 2.68 -2.35	58.74 2.74 -2.29	63.81 2.92 -1.40	56.66 2.42 -0.43	49.96 2.28 -0.16	46.15 2.16 0.00	40.92 1.69 0.00
HUDSON_AVE_GT_5 23657	47.33 1.51 0.00	43.46 1.39 0.00	40.65 1.11 0.00	40.69 1.03 0.00	41.81 0.94 0.00	45.11 1.36 0.00	55.30 1.97 0.00	69.59 2.74 0.00	57.91 2.54 -0.19	49.66 2.62 -1.92	40.73 2.23 0.00	38.82 2.13 0.00	38.48 2.25 0.00	39.53 2.24 0.00	40.58 2.30 0.00	41.10 2.40 0.00	46.92 2.63 -1.19	52.93 2.68 -2.35	58.74 2.74 -2.29	63.81 2.92 -1.40	56.66 2.42 -0.43	49.96 2.28 -0.16	46.15 2.16 0.00	40.92 1.69 0.00
HUDSON_AVE_10 24168	47.19 1.37 0.00	43.33 1.26 0.00	40.54 0.99 0.00	40.57 0.91 0.00	41.69 0.82 0.00	44.98 1.23 0.00	55.20 1.87 0.00	69.46 2.61 0.00	57.80 2.43 -0.19	49.57 2.53 -1.92	40.65 2.16 0.00	38.75 2.05 0.00	38.41 2.17 0.00	39.46 2.16 0.00	40.50 2.22 0.00	41.02 2.32 0.00	46.84 2.54 -1.19	52.83 2.59 -2.35	58.63 2.63 -2.29	63.75 2.86 -1.40	56.61 2.37 -0.43	49.86 2.19 -0.16	46.07 2.07 0.00	40.84 1.61 0.00
HUDSON___115KV_TB 4 355613	46.96 1.15 0.00	43.20 1.14 0.00	40.61 1.07 0.00	40.77 1.11 0.00	41.89 1.02 0.00	44.98 1.23 0.00	55.04 1.71 0.00	68.72 1.87 0.00	56.92 1.71 -0.03	46.31 0.90 -0.28	38.96 0.46 0.00	37.13 0.44 0.00	36.70 0.47 0.00	37.82 0.52 0.00	38.85 0.57 0.00	39.43 0.74 0.00	44.49 1.21 -0.18	49.82 1.58 -0.35	55.76 1.72 -0.34	61.78 2.08 -0.21	55.38 1.51 -0.06	49.02 1.47 -0.02	45.23 1.23 0.00	40.17 0.94 0.00
HUNTER MOUNT___DRP 323613	47.19 1.37 0.00	43.41 1.35 0.00	40.81 1.27 0.00	41.01 1.35 0.00	42.14 1.27 0.00	45.20 1.44 0.00	55.36 2.03 0.00	68.99 2.14 0.00	57.22 2.04 0.00	46.16 1.04 0.00	38.88 0.38 0.00	37.06 0.37 0.00	36.59 0.36 0.00	37.70 0.41 0.00	38.82 0.54 0.00	39.39 0.70 0.00	44.44 1.34 0.00	49.67 1.77 0.00	55.64 1.93 0.00	61.93 2.44 0.00	55.38 1.56 0.00	49.18 1.66 0.00	45.27 1.28 0.00	40.29 1.06 0.00
HUNTINGTON_RES_REC 323705	47.65 1.83 0.00	43.63 1.56 0.00	40.65 1.11 0.00	40.69 1.03 0.00	41.85 0.98 0.00	45.16 1.40 0.00	55.14 1.81 0.00	69.66 2.81 0.00	57.80 2.43 -0.19	49.93 2.89 -1.92	41.28 2.77 -0.01	39.19 2.50 0.00	38.92 2.68 -0.01	39.94 2.65 0.00	40.73 2.45 0.00	41.33 2.63 0.00	47.41 3.11 -1.19	53.54 3.30 -2.34	59.65 3.65 -2.30	65.00 4.10 -1.40	57.70 3.45 -0.43	50.63 2.95 -0.17	46.95 2.95 -0.01	41.63 2.39 0.00
HUNTLEY___63 23557	43.57 -2.24 0.00	39.75 -2.31 0.00	37.37 -2.18 0.00	37.36 -2.30 0.00	38.42 -2.45 0.00	40.21 -3.54 0.00	47.41 -5.92 0.00	58.68 -8.16 0.02	48.02 -7.12 0.04	39.91 -4.96 0.25	34.30 -4.20 0.00	31.98 -4.48 0.24	31.90 -4.31 0.02	32.80 -4.48 0.02	30.86 -4.36 3.06	30.20 -4.53 3.97	34.99 -5.26 2.85	41.10 -6.37 0.43	46.80 -6.61 0.30	53.07 -6.25 0.18	48.27 -5.49 0.06	41.89 -5.61 0.02	38.94 -5.06 0.00	35.70 -3.53 0.00
HUNTLEY___64 23558	43.57 -2.24 0.00	39.75 -2.31 0.00	37.37 -2.18 0.00	37.36 -2.30 0.00	38.42 -2.45 0.00	40.21 -3.54 0.00	47.41 -5.92 0.00	58.68 -8.16 0.02	48.02 -7.12 0.04	39.91 -4.96 0.25	34.30 -4.20 0.00	31.98 -4.48 0.24	31.90 -4.31 0.02	32.80 -4.48 0.02	30.86 -4.36 3.06	30.20 -4.53 3.97	34.99 -5.26 2.85	41.10 -6.37 0.43	46.80 -6.61 0.30	53.07 -6.25 0.18	48.27 -5.49 0.06	41.89 -5.61 0.02	38.94 -5.06 0.00	35.70 -3.53 0.00
HUNTLEY___65 23559	43.57 -2.24 0.00	39.75 -2.31 0.00	37.37 -2.18 0.00	37.36 -2.30 0.00	38.42 -2.45 0.00	40.21 -3.54 0.00	47.41 -5.92 0.00	58.68 -8.16 0.02	48.02 -7.12 0.04	39.91 -4.96 0.25	34.30 -4.20 0.00	31.98 -4.48 0.24	31.90 -4.31 0.02	32.80 -4.48 0.02	30.86 -4.36 3.06	30.20 -4.53 3.97	34.99 -5.26 2.85	41.10 -6.37 0.43	46.80 -6.61 0.30	53.07 -6.25 0.18	48.27 -5.49 0.06	41.89 -5.61 0.02	38.94 -5.06 0.00	35.70 -3.53 0.00
HUNTLEY___66 23560	43.57 -2.24 0.00	39.75 -2.31 0.00	37.37 -2.18 0.00	37.36 -2.30 0.00	38.42 -2.45 0.00	40.21 -3.54 0.00	47.41 -5.92 0.00	58.68 -8.16 0.02	48.02 -7.12 0.04	39.91 -4.96 0.25	34.30 -4.20 0.00	31.98 -4.48 0.24	31.90 -4.31 0.02	32.80 -4.48 0.02	30.86 -4.36 3.06	30.20 -4.53 3.97	34.99 -5.26 2.85	41.10 -6.37 0.43	46.80 -6.61 0.30	53.07 -6.25 0.18	48.27 -5.49 0.06	41.89 -5.61 0.02	38.94 -5.06 0.00	35.70 -3.53 0.00
HUNTLEY___67 23561	43.39 -2.43 0.00	39.59 -2.48 0.00	37.21 -2.33 0.00	37.20 -2.46 0.00	38.25 -2.62 0.00	40.17 -3.59 0.00	47.46 -5.87 0.00	58.74 -8.09 0.02	48.12 -7.01 0.05	39.95 -4.92 0.25	34.30 -4.20 0.00	31.98 -4.44 0.28	31.94 -4.28 0.02	32.83 -4.44 0.02	30.23 -4.52 3.54	29.38 -4.72 4.60	34.35 -5.47 3.29	41.06 -6.42 0.42	46.80 -6.61 0.30	53.06 -6.25 0.18	48.27 -5.49 0.06	41.94 -5.56 0.02	38.94 -5.06 0.00	35.70 -3.53 0.00

HUNTLEY___68 23562	43.39 -2.43 0.00	39.59 -2.48 0.00	37.21 -2.33 0.00	37.20 -2.46 0.00	38.25 -2.62 0.00	40.17 -3.59 0.00	47.46 -5.87 0.00	58.74 -8.09 0.02	48.12 -7.01 0.05	39.95 -4.92 0.25	34.30 -4.20 0.00	31.98 -4.44 0.28	31.94 -4.28 0.02	32.83 -4.44 0.02	30.23 -4.52 3.54	29.38 -4.72 4.60	34.35 -5.47 3.29	41.06 -6.42 0.42	46.80 -6.61 0.30	53.06 -6.25 0.18	48.27 -5.49 0.06	41.94 -5.56 0.02	38.94 -5.06 0.00	35.70 -3.53 0.00
HYLAND___LFGE 323620	47.37 1.56 0.00	43.29 1.22 0.00	40.65 1.11 0.00	40.81 1.15 0.00	42.14 1.27 0.00	44.89 1.14 0.00	54.13 0.80 0.00	67.23 0.40 0.03	54.24 -0.88 0.05	43.90 -0.95 0.27	37.30 -1.19 0.00	36.06 -1.39 -0.76	34.50 -1.70 0.03	35.36 -1.90 0.03	47.11 -1.91 -10.75	51.01 -1.86 -14.17	50.99 -1.59 -9.47	46.09 -1.44 0.37	53.23 -0.16 0.32	59.96 0.66 0.19	54.83 1.08 0.06	47.83 0.33 0.02	44.31 0.31 0.00	39.71 0.47 0.00
INDECK___CORINTH 23802	46.18 0.36 0.00	42.45 0.38 0.00	39.90 0.36 0.00	40.06 0.40 0.00	41.20 0.33 0.00	44.32 0.57 0.00	54.29 0.96 0.00	68.19 1.34 0.00	56.15 0.94 -0.03	45.76 0.32 -0.32	38.53 0.04 0.00	36.55 -0.15 0.00	36.23 0.00 0.00	37.41 0.11 0.00	38.47 0.19 0.00	39.08 0.39 0.00	43.82 0.52 -0.20	49.10 0.81 -0.39	55.16 1.07 -0.38	60.80 1.07 -0.23	54.74 0.86 -0.07	48.21 0.66 -0.03	44.66 0.66 0.00	39.55 0.31 0.00
INDECK___ILION 23567	45.59 -0.23 0.00	41.86 -0.21 0.00	39.39 -0.16 0.00	39.50 -0.16 0.00	40.71 -0.16 0.00	43.63 -0.13 0.00	53.28 -0.05 0.00	66.85 0.00 0.00	55.18 0.00 0.00	45.03 -0.09 0.00	38.38 -0.12 0.00	36.58 -0.11 0.00	36.12 -0.11 0.00	37.14 -0.15 0.00	38.16 -0.11 0.00	38.58 -0.12 0.00	42.98 -0.13 0.00	47.75 -0.14 0.00	53.54 -0.16 0.00	59.26 -0.24 0.00	53.60 -0.22 0.00	47.33 -0.19 0.00	43.78 -0.22 0.00	39.00 -0.24 0.00
INDECK___OLEAN 23982	43.94 -1.88 0.00	40.05 -2.02 0.00	37.61 -1.94 0.00	37.64 -2.02 0.00	38.62 -2.25 0.00	40.87 -2.89 0.00	48.74 -4.59 0.00	60.81 -6.02 0.03	50.32 -4.80 0.06	40.58 -4.24 0.29	34.72 -3.77 0.00	32.70 -3.89 0.10	32.55 -3.66 0.03	33.76 -3.51 0.03	33.98 -3.22 1.08	32.85 -4.49 1.36	36.96 -5.04 1.11	41.79 -5.65 0.46	47.77 -5.59 0.35	53.75 -5.53 0.21	49.07 -4.68 0.06	42.79 -4.71 0.02	39.77 -4.22 0.00	36.29 -2.94 0.00
INDECK___OSWEGO 23783	45.08 -0.73 0.00	41.35 -0.72 0.00	38.87 -0.67 0.00	38.95 -0.71 0.00	40.18 -0.70 0.00	42.97 -0.79 0.00	52.42 -0.91 0.00	65.71 -1.14 0.00	54.19 -0.99 0.00	44.26 -0.86 0.00	37.68 -0.81 0.00	35.92 -0.77 0.00	35.43 -0.80 0.00	36.44 -0.86 0.00	37.44 -0.84 0.00	37.88 -0.81 0.00	42.20 -0.91 0.00	46.84 -1.05 0.00	52.79 -0.91 0.00	58.48 -1.01 0.00	52.90 -0.92 0.00	46.62 -0.90 0.00	43.16 -0.84 0.00	38.49 -0.75 0.00
INDECK___YERKES 23781	43.62 -2.20 0.00	39.80 -2.27 0.00	37.41 -2.14 0.00	37.44 -2.22 0.00	38.42 -2.45 0.00	40.21 -3.54 0.00	47.46 -5.87 0.00	58.67 -8.16 0.02	48.13 -7.01 0.04	40.09 -4.78 0.25	34.38 -4.12 0.00	32.34 -4.11 0.24	31.97 -4.24 0.02	32.80 -4.48 0.02	30.94 -4.29 3.06	30.28 -4.45 3.97	35.03 -5.22 2.85	41.15 -6.32 0.43	47.02 -6.39 0.30	52.89 -6.43 0.18	48.27 -5.49 0.06	41.94 -5.56 0.02	39.07 -4.93 0.00	35.70 -3.53 0.00
INDIAN POINT_GT_1 24139	46.92 1.10 0.00	43.08 1.01 0.00	40.38 0.83 0.00	40.41 0.75 0.00	41.56 0.69 0.00	44.72 0.96 0.00	54.82 1.49 0.00	68.92 2.07 0.00	57.26 1.88 -0.20	49.09 1.94 -2.03	40.19 1.69 0.00	38.35 1.65 0.00	37.93 1.70 0.00	39.01 1.72 0.00	40.04 1.76 0.00	40.55 1.86 0.00	46.38 2.03 -1.25	52.48 2.11 -2.48	58.27 2.15 -2.42	63.29 2.32 -1.47	56.15 1.88 -0.45	49.44 1.76 -0.17	45.67 1.67 0.00	40.57 1.33 0.00
INDIAN POINT_GT_2 23659	46.92 1.10 0.00	43.08 1.01 0.00	40.38 0.83 0.00	40.41 0.75 0.00	41.56 0.69 0.00	44.72 0.96 0.00	54.82 1.49 0.00	68.92 2.07 0.00	57.26 1.88 -0.20	49.09 1.94 -2.03	40.19 1.69 0.00	38.35 1.65 0.00	37.93 1.70 0.00	39.01 1.72 0.00	40.04 1.76 0.00	40.55 1.86 0.00	46.38 2.03 -1.25	52.48 2.11 -2.48	58.27 2.15 -2.42	63.29 2.32 -1.47	56.15 1.88 -0.45	49.44 1.76 -0.17	45.67 1.67 0.00	40.57 1.33 0.00
INDIAN POINT_GT_3 24019	46.92 1.10 0.00	43.08 1.01 0.00	40.38 0.83 0.00	40.41 0.75 0.00	41.56 0.69 0.00	44.72 0.96 0.00	54.82 1.49 0.00	68.92 2.07 0.00	57.26 1.88 -0.20	49.09 1.94 -2.03	40.19 1.69 0.00	38.35 1.65 0.00	37.93 1.70 0.00	39.01 1.72 0.00	40.04 1.76 0.00	40.55 1.86 0.00	46.38 2.03 -1.25	52.48 2.11 -2.48	58.27 2.15 -2.42	63.29 2.32 -1.47	56.15 1.88 -0.45	49.44 1.76 -0.17	45.67 1.67 0.00	40.57 1.33 0.00
INDIAN POINT___2 23530	46.82 1.01 0.00	42.99 0.92 0.00	40.30 0.75 0.00	40.33 0.67 0.00	41.48 0.61 0.00	44.63 0.87 0.00	54.66 1.33 0.00	68.79 1.94 0.00	57.26 1.82 -0.26	49.57 1.85 -2.60	40.11 1.62 0.00	38.20 1.51 0.00	37.86 1.63 0.00	38.93 1.64 0.00	39.96 1.68 0.00	40.44 1.74 0.00	46.65 1.94 -1.61	53.13 2.06 -3.18	58.90 2.09 -3.10	63.65 2.26 -1.89	56.17 1.77 -0.58	49.35 1.62 -0.21	45.58 1.58 0.00	40.49 1.26 0.00
INDIAN POINT___3 23531	46.82 1.01 0.00	43.04 0.97 0.00	40.34 0.79 0.00	40.37 0.71 0.00	41.52 0.65 0.00	44.68 0.92 0.00	54.72 1.39 0.00	68.79 1.94 0.00	57.15 1.77 -0.21	49.09 1.90 -2.08	40.15 1.66 0.00	38.31 1.61 0.00	37.90 1.67 0.00	38.97 1.68 0.00	40.00 1.72 0.00	40.48 1.78 0.00	46.37 1.98 -1.28	52.44 2.01 -2.53	58.22 2.04 -2.47	63.21 2.20 -1.51	56.05 1.78 -0.46	49.35 1.66 -0.17	45.63 1.63 0.00	40.53 1.29 0.00
INGHAM_C_115KV_TB7 356103	45.08 -0.73 0.00	41.44 -0.63 0.00	38.99 -0.55 0.00	39.15 -0.52 0.00	40.30 -0.57 0.00	43.28 -0.48 0.00	52.90 -0.43 0.00	66.32 -0.53 0.00	54.74 -0.44 0.00	44.67 -0.45 0.00	38.03 -0.46 0.00	36.25 -0.44 0.00	35.76 -0.47 0.00	36.77 -0.52 0.00	37.74 -0.54 0.00	38.15 -0.54 0.00	42.50 -0.60 0.00	47.18 -0.72 0.00	52.90 -0.81 0.00	58.54 -0.95 0.00	52.95 -0.86 0.00	46.76 -0.76 0.00	43.29 -0.70 0.00	38.57 -0.67 0.00
IP CORINTH___1 23988	46.41 0.60 0.00	42.66 0.59 0.00	40.10 0.55 0.00	40.26 0.59 0.00	41.44 0.57 0.00	44.54 0.79 0.00	54.61 1.28 0.00	68.59 1.74 0.00	56.42 1.21 -0.03	45.98 0.54 -0.32	38.76 0.27 0.00	36.80 0.11 0.00	36.41 0.18 0.00	37.59 0.30 0.00	38.70 0.42 0.00	39.28 0.58 0.00	44.04 0.73 -0.20	49.39 1.10 -0.39	55.43 1.34 -0.38	61.10 1.37 -0.23	55.07 1.18 -0.07	48.50 0.95 -0.03	44.88 0.88 0.00	39.74 0.51 0.00
IP___TICONDEROGA 23804	47.19 1.37 0.00	43.29 1.22 0.00	40.73 1.19 0.00	40.97 1.31 0.00	42.10 1.23 0.00	45.33 1.58 0.00	55.73 2.40 0.00	69.93 3.08 0.00	57.20 1.99 -0.03	46.25 0.81 -0.32	38.84 0.35 0.00	36.77 0.07 0.00	36.41 0.18 0.00	37.67 0.37 0.00	38.89 0.61 0.00	39.59 0.89 0.00	44.43 1.12 -0.20	50.16 1.87 -0.39	56.51 2.42 -0.38	62.35 2.62 -0.23	56.15 2.26 -0.07	49.40 1.85 -0.03	45.67 1.67 0.00	40.29 1.06 0.00

ISLIP_RES_REC 323679	47.97 2.15 0.00	43.88 1.81 0.00	40.89 1.35 0.00	40.89 1.23 0.00	42.06 1.19 0.00	45.42 1.66 0.00	55.62 2.29 0.00	70.33 3.47 0.00	58.29 2.92 -0.19	50.29 3.25 -1.92	41.70 3.19 -0.01	39.52 2.83 0.00	39.25 3.01 -0.01	40.28 2.98 0.00	41.00 2.72 0.00	41.60 2.90 0.00	47.79 3.49 -1.19	54.12 3.88 -2.34	60.40 4.40 -2.30	65.78 4.88 -1.40	58.50 4.25 -0.43	51.25 3.57 -0.17	47.44 3.43 -0.01	41.98 2.75 0.00
JAMAICA__27_KV_LOAD 355505	47.42 1.60 0.00	43.46 1.39 0.00	40.61 1.07 0.00	40.65 0.99 0.00	41.81 0.94 0.00	45.20 1.44 0.00	55.68 2.35 0.00	70.06 3.21 0.00	58.35 2.98 -0.19	50.02 2.98 -1.92	41.00 2.50 0.00	39.04 2.35 0.00	38.73 2.50 0.00	39.75 2.46 0.00	40.84 2.56 0.00	41.37 2.67 0.00	47.27 2.97 -1.19	53.36 3.11 -2.35	59.27 3.28 -2.29	64.52 3.63 -1.40	57.31 3.07 -0.43	50.39 2.71 -0.16	46.37 2.38 0.00	41.08 1.84 0.00
JANIS__SOLAR 323808	47.83 2.01 0.00	43.75 1.68 0.00	41.09 1.54 0.00	41.25 1.59 0.00	42.59 1.72 0.00	45.55 1.79 0.00	55.67 2.34 0.00	69.70 2.81 -0.04	56.99 1.82 0.01	45.61 1.04 0.55	38.99 0.50 0.00	37.12 0.33 -0.09	36.46 0.18 -0.04	37.52 0.19 -0.04	39.40 0.38 -0.74	40.04 0.47 -0.87	44.14 0.78 -0.25	48.23 0.96 0.63	54.87 1.83 0.66	61.30 2.20 0.40	55.74 2.04 0.12	49.09 1.62 0.05	45.45 1.45 0.00	40.57 1.33 0.00
JARVIS____ 23743	45.77 -0.05 0.00	42.07 0.00 0.00	39.51 -0.04 0.00	39.62 -0.04 0.00	40.83 -0.04 0.00	43.76 0.00 0.00	53.38 0.05 0.00	66.92 0.07 0.00	55.23 0.06 0.00	45.12 0.00 0.00	38.49 0.00 0.00	36.69 0.00 0.00	36.23 0.00 0.00	37.29 0.00 0.00	38.32 0.04 0.00	38.74 0.04 0.00	43.15 0.04 0.00	47.95 0.05 0.00	53.81 0.11 0.00	59.55 0.06 0.00	53.87 0.05 0.00	47.52 0.00 0.00	44.00 0.00 0.00	39.23 0.00 0.00
JENNISON__1 23625	47.51 1.70 0.00	43.50 1.43 0.00	40.85 1.31 0.00	41.01 1.35 0.00	42.26 1.39 0.00	45.29 1.53 0.00	55.41 2.08 0.00	69.40 2.54 -0.01	57.04 1.93 0.07	45.58 1.31 0.85	39.30 0.81 0.00	37.44 0.73 -0.01	36.86 0.62 -0.01	37.90 0.60 -0.01	39.02 0.73 -0.02	39.51 0.81 0.00	43.66 1.08 0.52	48.22 1.34 1.02	54.52 1.83 1.01	60.96 2.08 0.62	55.46 1.83 0.19	48.88 1.43 0.07	45.27 1.28 0.00	40.45 1.22 0.00
JENNISON__2 23626	47.51 1.70 0.00	43.50 1.43 0.00	40.85 1.31 0.00	41.01 1.35 0.00	42.26 1.39 0.00	45.29 1.53 0.00	55.41 2.08 0.00	69.40 2.54 -0.01	57.04 1.93 0.07	45.58 1.31 0.85	39.30 0.81 0.00	37.44 0.73 -0.01	36.86 0.62 -0.01	37.90 0.60 -0.01	39.02 0.73 -0.02	39.51 0.81 0.00	43.66 1.08 0.52	48.22 1.34 1.02	54.52 1.83 1.01	60.96 2.08 0.62	55.46 1.83 0.19	48.88 1.43 0.07	45.27 1.28 0.00	40.45 1.22 0.00
JERICHO_RISE_WT_PWR 323719	45.77 -0.05 0.00	42.07 0.00 0.00	39.67 0.12 0.00	39.98 0.32 0.00	41.44 0.57 0.00	44.28 0.53 0.00	53.86 0.53 0.00	67.38 0.53 0.00	55.46 0.28 0.00	45.35 0.23 0.00	38.73 0.23 0.00	36.92 0.22 0.00	36.38 0.15 0.00	37.41 0.11 0.00	38.32 0.04 0.00	38.81 0.12 0.00	43.15 0.04 0.00	48.04 0.14 0.00	53.33 -0.37 0.00	59.38 -0.12 0.00	53.81 0.00 0.00	47.99 0.48 0.00	44.35 0.35 0.00	39.74 0.51 0.00
KATONAH__115KV_46KV_TB4 355592	47.47 1.65 0.00	43.54 1.47 0.00	40.73 1.19 0.00	40.81 1.15 0.00	41.93 1.06 0.00	45.16 1.40 0.00	55.41 2.08 0.00	69.73 2.87 0.00	57.74 2.43 -0.13	48.72 2.30 -1.30	40.38 1.89 0.00	38.57 1.87 0.00	38.19 1.96 0.00	39.27 1.98 0.00	40.27 1.99 0.00	40.82 2.13 0.00	46.28 2.37 -0.80	52.02 2.54 -1.58	57.93 2.69 -1.54	63.41 2.97 -0.94	56.63 2.53 -0.29	49.86 2.23 -0.11	46.11 2.11 0.00	40.92 1.69 0.00
KCE_NY_1 323755	47.01 1.19 0.00	43.20 1.14 0.00	40.65 1.11 0.00	40.77 1.11 0.00	41.93 1.06 0.00	45.07 1.31 0.00	55.20 1.87 0.00	69.25 2.40 0.00	57.09 1.88 -0.03	46.53 1.08 -0.33	39.30 0.81 0.00	37.32 0.62 0.00	36.96 0.72 0.00	38.11 0.82 0.00	39.20 0.92 0.00	39.74 1.05 0.00	44.60 1.29 -0.20	49.97 1.68 -0.40	56.02 1.93 -0.39	61.81 2.08 -0.24	55.72 1.83 -0.07	49.07 1.52 -0.03	45.41 1.41 0.00	40.25 1.02 0.00
KCE_NY_6_ESR 323823	43.80 -2.01 0.00	39.97 -2.10 0.00	37.57 -1.98 0.00	37.60 -2.06 0.00	38.58 -2.29 0.00	40.61 -3.15 0.00	48.05 -5.28 0.00	59.54 -7.28 0.02	48.89 -6.24 0.05	40.39 -4.47 0.26	34.61 -3.89 0.00	32.48 -3.93 0.29	32.26 -3.95 0.02	33.13 -4.14 0.02	30.59 -4.06 3.63	29.49 -4.49 4.72	34.52 -5.22 3.37	41.48 -5.99 0.43	47.48 -5.91 0.31	53.48 -5.83 0.19	48.81 -4.95 0.06	42.46 -5.04 0.02	39.51 -4.49 0.00	36.09 -3.14 0.00
KEDC_PORT_JEFF_GT2 24210	47.78 1.97 0.00	43.71 1.64 0.00	40.73 1.19 0.00	40.73 1.07 0.00	41.93 1.06 0.00	45.25 1.49 0.00	55.36 2.03 0.00	69.99 3.14 0.00	58.02 2.65 -0.19	50.06 3.02 -1.92	41.51 3.00 -0.01	39.37 2.68 0.00	39.10 2.86 -0.01	40.13 2.83 0.00	40.84 2.57 0.00	41.44 2.75 0.00	47.57 3.27 -1.19	53.88 3.64 -2.34	60.08 4.08 -2.30	65.48 4.58 -1.40	58.18 3.93 -0.43	51.01 3.33 -0.17	47.22 3.21 -0.01	41.82 2.59 0.00
KEDC_PORT_JEFF_GT3 24211	47.78 1.97 0.00	43.71 1.64 0.00	40.73 1.19 0.00	40.73 1.07 0.00	41.93 1.06 0.00	45.25 1.49 0.00	55.36 2.03 0.00	69.99 3.14 0.00	58.02 2.65 -0.19	50.06 3.02 -1.92	41.51 3.00 -0.01	39.37 2.68 0.00	39.10 2.86 -0.01	40.13 2.83 0.00	40.84 2.57 0.00	41.44 2.75 0.00	47.57 3.27 -1.19	53.88 3.64 -2.34	60.08 4.08 -2.30	65.48 4.58 -1.40	58.18 3.93 -0.43	51.01 3.33 -0.17	47.22 3.21 -0.01	41.82 2.59 0.00
KEDC_GLWD_GT4 24219	47.60 1.79 0.00	43.67 1.60 0.00	40.81 1.27 0.00	40.85 1.19 0.00	41.97 1.10 0.00	45.25 1.49 0.00	55.41 2.08 0.00	69.39 2.54 0.00	57.86 2.49 -0.19	49.84 2.80 -1.92	41.01 2.50 -0.01	39.01 2.31 0.00	38.74 2.50 -0.01	39.79 2.50 0.00	40.73 2.45 0.00	41.25 2.55 0.00	47.19 2.89 -1.20	53.31 3.07 -2.34	59.06 3.06 -2.30	64.06 3.15 -1.41	57.05 2.80 -0.44	50.30 2.61 -0.17	46.52 2.51 -0.01	41.31 2.08 0.00
KEDC_GLWD_GTS 24220	47.60 1.79 0.00	43.67 1.60 0.00	40.81 1.27 0.00	40.85 1.19 0.00	41.97 1.10 0.00	45.25 1.49 0.00	55.41 2.08 0.00	69.39 2.54 0.00	57.86 2.49 -0.19	49.84 2.80 -1.92	41.01 2.50 -0.01	39.01 2.31 0.00	38.74 2.50 -0.01	39.79 2.50 0.00	40.73 2.45 0.00	41.25 2.55 0.00	47.19 2.89 -1.20	53.31 3.07 -2.34	59.06 3.06 -2.30	64.06 3.15 -1.41	57.05 2.80 -0.44	50.30 2.61 -0.17	46.52 2.51 -0.01	41.31 2.08 0.00
KENSICO____ 23655	47.05 1.24 0.00	43.20 1.14 0.00	40.50 0.95 0.00	40.53 0.87 0.00	41.69 0.82 0.00	44.89 1.14 0.00	54.98 1.65 0.00	69.19 2.34 0.00	57.53 2.15 -0.20	49.26 2.17 -1.97	40.38 1.89 0.00	38.53 1.83 0.00	38.12 1.88 0.00	39.20 1.90 0.00	40.23 1.95 0.00	40.71 2.01 0.00	46.56 2.24 -1.22	52.60 2.30 -2.41	58.42 2.36 -2.35	63.49 2.56 -1.43	56.35 2.10 -0.44	49.63 1.95 -0.16	45.85 1.85 0.00	40.72 1.49 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	47.28 1.47 0.00	43.37 1.30 0.00	40.65 1.11 0.00	40.77 1.11 0.00	41.89 1.02 0.00	45.07 1.31 0.00	55.36 2.03 0.00	69.19 2.34 0.00	57.10 2.04 0.12	45.64 1.71 1.20	39.84 1.35 0.00	38.05 1.36 0.00	37.64 1.41 0.00	38.71 1.42 0.00	39.77 1.49 0.00	40.28 1.59 0.00	44.22 1.85 0.74	48.50 2.06 1.46	54.59 2.31 1.43	61.18 2.56 0.87	55.54 1.99 0.27	49.23 1.81 0.10	45.63 1.63 0.00	40.61 1.37 0.00
KIAC_JFK_GT1 23816	47.14 1.33 0.00	43.25 1.18 0.00	40.42 0.87 0.00	40.45 0.79 0.00	41.56 0.69 0.00	44.98 1.23 0.00	55.36 2.03 0.00	69.73 2.87 0.00	58.02 2.65 -0.19	49.75 2.71 -1.92	40.80 2.31 0.00	38.86 2.16 0.00	38.55 2.32 0.00	39.57 2.27 0.00	40.65 2.37 0.00	41.17 2.48 0.00	47.01 2.72 -1.19	53.07 2.83 -2.35	58.95 2.95 -2.29	64.17 3.27 -1.40	56.93 2.69 -0.43	50.10 2.42 -0.16	46.15 2.16 0.00	40.88 1.65 0.00
KIAC_JFK_GT2 23817	47.14 1.33 0.00	43.25 1.18 0.00	40.42 0.87 0.00	40.45 0.79 0.00	41.56 0.69 0.00	44.98 1.23 0.00	55.36 2.03 0.00	69.73 2.87 0.00	58.02 2.65 -0.19	49.75 2.71 -1.92	40.80 2.31 0.00	38.86 2.16 0.00	38.55 2.32 0.00	39.57 2.27 0.00	40.65 2.37 0.00	41.17 2.48 0.00	47.01 2.72 -1.19	53.07 2.83 -2.35	58.95 2.95 -2.29	64.17 3.27 -1.40	56.93 2.69 -0.43	50.10 2.42 -0.16	46.15 2.16 0.00	40.88 1.65 0.00
KIAC_JFK____ 323774	47.15 1.33 0.00	43.24 1.18 0.00	40.42 0.87 0.00	40.41 0.75 0.00	41.56 0.69 0.00	44.98 1.22 0.00	55.36 2.03 0.00	69.72 2.87 0.00	58.07 2.70 -0.19	49.75 2.71 -1.92	40.77 2.27 0.00	38.79 2.09 0.00	38.52 2.28 0.00	39.57 2.28 0.00	40.62 2.34 0.00	41.18 2.48 0.00	47.01 2.72 -1.19	53.17 2.92 -2.35	59.06 3.06 -2.29	64.22 3.33 -1.40	56.98 2.74 -0.43	50.05 2.37 -0.16	46.15 2.16 0.00	40.88 1.65 0.00
KINTIGH_24_KV_GSU 356498	43.43 -2.38 0.00	39.59 -2.48 0.00	37.29 -2.25 0.00	37.32 -2.34 0.00	38.38 -2.49 0.00	40.43 -3.33 0.00	47.89 -5.44 0.00	59.28 -7.55 0.02	48.52 -6.62 0.04	40.70 -4.19 0.22	34.87 -3.62 0.00	32.93 -3.59 0.17	32.41 -3.80 0.02	33.17 -4.10 0.02	31.87 -4.25 2.16	31.75 -4.14 2.81	36.23 -4.83 2.05	41.82 -5.70 0.38	47.74 -5.69 0.27	53.50 -5.83 0.16	48.76 -5.00 0.05	42.46 -5.04 0.02	39.51 -4.49 0.00	35.90 -3.33 0.00
KINTIGH____ 23543	43.43 -2.38 0.00	39.59 -2.48 0.00	37.25 -2.29 0.00	37.28 -2.38 0.00	38.38 -2.49 0.00	40.43 -3.33 0.00	47.89 -5.44 0.00	59.35 -7.49 0.02	48.63 -6.51 0.04	40.52 -4.38 0.22	34.84 -3.66 0.00	32.45 -4.07 0.17	32.30 -3.91 0.02	33.14 -4.14 0.02	31.79 -4.33 2.16	31.71 -4.18 2.81	36.23 -4.83 2.05	41.77 -5.75 0.38	47.53 -5.91 0.27	53.68 -5.65 0.16	48.76 -5.00 0.05	42.46 -5.04 0.02	39.38 -4.62 0.00	35.90 -3.33 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	47.01 1.19 0.00	43.16 1.09 0.00	40.73 1.19 0.00	41.09 1.43 0.00	42.63 1.76 0.00	45.51 1.75 0.00	55.41 2.08 0.00	69.46 2.61 0.00	57.00 1.82 0.00	46.47 1.35 0.00	39.73 1.23 0.00	37.83 1.14 0.00	37.35 1.12 0.00	38.41 1.12 0.00	39.35 1.07 0.00	39.90 1.20 0.00	43.84 0.73 0.00	48.81 0.91 0.00	54.40 0.70 0.00	60.45 0.95 0.00	54.73 0.91 0.00	48.75 1.24 0.00	45.10 1.10 0.00	40.41 1.18 0.00
LACHUTE__HYDRO 323717	47.19 1.37 0.00	43.33 1.26 0.00	40.73 1.19 0.00	40.97 1.31 0.00	42.10 1.22 0.00	45.33 1.57 0.00	55.73 2.40 0.00	69.93 3.08 0.00	57.19 1.98 -0.03	46.25 0.81 -0.32	38.84 0.35 0.00	36.69 0.00 0.00	36.41 0.18 0.00	37.67 0.37 0.00	38.89 0.61 0.00	39.59 0.89 0.00	44.42 1.12 -0.20	50.11 1.82 -0.39	56.51 2.42 -0.38	62.34 2.61 -0.23	56.15 2.26 -0.07	49.35 1.81 -0.03	45.63 1.63 0.00	40.29 1.06 0.00
LAWRNCV_115KV_TB1 80681	45.40 -0.41 0.00	41.69 -0.38 0.00	39.23 -0.32 0.00	39.50 -0.16 0.00	40.67 -0.20 0.00	43.32 -0.44 0.00	52.80 -0.53 0.00	66.05 -0.80 0.00	54.08 -1.10 0.00	43.95 -1.17 0.00	37.49 -1.00 0.00	35.74 -0.95 0.00	35.29 -0.94 0.00	36.25 -1.04 0.00	37.21 -1.07 0.00	37.81 -0.89 0.00	42.03 -1.08 0.00	46.84 -1.05 0.00	52.25 -1.45 0.00	58.07 -1.43 0.00	52.47 -1.35 0.00	47.14 -0.38 0.00	43.65 -0.35 0.00	39.15 -0.08 0.00
LEDERLE____ 23769	46.92 1.10 0.00	43.08 1.01 0.00	40.42 0.87 0.00	40.45 0.79 0.00	41.56 0.69 0.00	44.72 0.96 0.00	54.77 1.44 0.00	68.86 2.01 0.00	56.51 1.82 0.49	42.15 1.90 4.87	40.15 1.66 0.00	38.31 1.61 0.00	37.90 1.67 0.00	38.97 1.68 0.00	40.00 1.72 0.00	40.52 1.82 0.00	42.08 1.98 3.01	44.01 2.06 5.94	50.00 2.09 5.80	58.22 2.26 3.54	54.56 1.83 1.08	48.78 1.66 0.40	45.63 1.63 0.00	40.57 1.33 0.00
LIGHTHSE_115KV_TB6 355974	45.54 -0.27 0.00	41.73 -0.34 0.00	39.23 -0.32 0.00	39.38 -0.28 0.00	40.58 -0.29 0.00	43.45 -0.31 0.00	53.28 -0.05 0.00	66.85 0.00 0.00	54.96 -0.22 0.00	44.35 -0.77 0.00	37.53 -0.96 0.00	35.74 -0.95 0.00	35.22 -1.01 0.00	36.14 -1.16 0.00	37.28 -1.00 0.00	37.92 -0.77 0.00	42.29 -0.82 0.00	47.13 -0.77 0.00	53.22 -0.48 0.00	59.20 -0.30 0.00	53.49 -0.32 0.00	47.28 -0.24 0.00	43.69 -0.31 0.00	38.96 -0.27 0.00
LINDEN COGEN____ 23786	47.01 1.19 0.00	43.16 1.09 0.00	40.37 0.83 0.01	40.40 0.75 0.01	41.56 0.69 0.01	44.80 1.05 0.01	54.42 1.60 0.50	66.66 2.27 2.47	55.43 2.21 1.96	49.34 2.30 -1.92	40.50 2.00 0.00	38.53 1.83 0.00	38.22 1.99 0.00	39.31 2.01 0.00	40.31 2.03 0.00	40.82 2.13 0.00	46.61 2.33 -1.18	52.63 2.39 -2.34	56.32 2.42 -0.20	62.34 2.56 -0.29	56.07 2.04 -0.21	49.62 1.95 -0.15	45.84 1.85 0.01	40.69 1.45 0.00
LINDHRST_69_KV_BK1 356055	47.97 2.15 0.00	43.92 1.85 0.00	40.97 1.42 0.00	41.01 1.35 0.00	42.14 1.27 0.00	45.46 1.71 0.00	55.68 2.35 0.00	70.19 3.34 0.00	58.13 2.76 -0.19	50.24 3.20 -1.92	41.51 3.00 -0.01	39.52 2.83 0.00	39.14 2.90 -0.01	40.16 2.87 0.00	41.19 2.91 0.00	41.60 2.90 0.00	47.66 3.36 -1.19	53.74 3.50 -2.34	60.03 4.03 -2.30	65.30 4.40 -1.41	58.02 3.77 -0.44	51.01 3.33 -0.17	47.18 3.17 -0.01	41.86 2.63 0.00
LIPA_MISC_IPP 23656	47.24 1.42 0.00	43.20 1.14 0.00	40.30 0.75 0.00	40.30 0.63 0.00	41.44 0.57 0.00	44.76 1.01 0.00	54.88 1.55 0.00	69.32 2.47 0.00	57.30 1.93 -0.19	49.56 2.53 -1.92	41.31 2.81 -0.01	39.23 2.53 0.00	38.88 2.64 -0.01	39.87 2.57 0.00	40.84 2.56 0.00	41.10 2.40 0.00	47.19 2.89 -1.19	53.40 3.16 -2.34	59.92 3.92 -2.30	65.00 4.11 -1.40	57.91 3.66 -0.43	51.01 3.33 -0.17	47.00 2.99 -0.01	41.55 2.31 0.00
LISF__SOLAR 323691	47.33 1.51 0.00	43.29 1.22 0.00	40.34 0.79 0.00	40.33 0.67 0.00	41.48 0.61 0.00	44.81 1.05 0.00	54.88 1.55 0.00	69.39 2.54 0.00	57.52 2.15 -0.19	49.61 2.57 -1.92	41.31 2.81 -0.01	39.12 2.42 0.00	38.88 2.64 -0.01	39.90 2.61 0.00	40.46 2.18 0.00	41.10 2.40 0.00	47.23 2.93 -1.19	53.69 3.45 -2.34	59.92 3.92 -2.30	65.19 4.29 -1.40	58.02 3.77 -0.43	50.82 3.14 -0.17	47.04 3.03 -0.01	41.63 2.39 0.00

LITTLE FALLS___HYD 24013	45.08 -0.73 0.00	41.44 -0.63 0.00	38.99 -0.55 0.00	39.15 -0.52 0.00	40.30 -0.57 0.00	43.28 -0.48 0.00	52.90 -0.43 0.00	66.32 -0.53 0.00	54.74 -0.44 0.00	44.67 -0.45 0.00	38.03 -0.46 0.00	36.25 -0.44 0.00	35.76 -0.47 0.00	36.77 -0.52 0.00	37.74 -0.54 0.00	38.15 -0.54 0.00	42.50 -0.60 0.00	47.18 -0.72 0.00	52.90 -0.81 0.00	58.54 -0.95 0.00	52.95 -0.86 0.00	46.76 -0.76 0.00	43.29 -0.70 0.00	38.57 -0.67 0.00
LITTLRIV_115KV_TB1 356100	46.00 0.18 0.00	42.15 0.08 0.00	39.71 0.16 0.00	40.02 0.36 0.00	41.16 0.29 0.00	43.84 0.09 0.00	53.44 0.11 0.00	66.85 0.00 0.00	54.52 -0.66 0.00	44.17 -0.95 0.00	37.61 -0.89 0.00	35.85 -0.84 0.00	35.40 -0.83 0.00	36.36 -0.93 0.00	37.36 -0.92 0.00	38.00 -0.70 0.00	42.29 -0.82 0.00	47.18 -0.72 0.00	52.74 -0.97 0.00	58.66 -0.83 0.00	53.01 -0.81 0.00	47.71 0.19 0.00	44.13 0.13 0.00	39.59 0.35 0.00
LI_NEWBRDGE___DRP 323616	47.28 1.47 0.00	43.33 1.26 0.00	40.46 0.91 0.00	40.49 0.83 0.00	41.61 0.74 0.00	44.85 1.09 0.00	54.88 1.55 0.00	69.19 2.34 0.00	57.36 1.99 -0.19	49.56 2.53 -1.92	40.85 2.35 -0.01	38.97 2.28 0.00	38.59 2.36 -0.01	39.61 2.31 0.00	40.61 2.34 0.00	41.06 2.36 0.00	46.97 2.67 -1.19	52.97 2.73 -2.34	58.95 2.95 -2.30	63.99 3.09 -1.40	56.89 2.64 -0.43	50.11 2.42 -0.17	46.38 2.38 -0.01	41.19 1.96 0.00
LOCKPORT_115KV_TB60_63_64 80432	43.02 -2.79 0.00	39.29 -2.78 0.00	36.98 -2.57 0.00	36.92 -2.74 0.00	38.01 -2.86 0.00	39.91 -3.85 0.00	47.09 -6.24 0.00	58.28 -8.56 0.02	47.69 -7.45 0.04	39.69 -5.19 0.24	34.07 -4.43 0.00	31.79 -4.70 0.21	31.65 -4.57 0.02	32.50 -4.77 0.02	31.18 -4.48 2.62	30.77 -4.53 3.40	35.38 -5.26 2.46	41.14 -6.32 0.44	46.49 -6.93 0.28	52.78 -6.54 0.17	47.95 -5.81 0.05	41.61 -5.89 0.02	38.67 -5.32 0.00	35.39 -3.84 0.00
LOCKPORT___CC1 323769	43.07 -2.75 0.00	39.33 -2.73 0.00	37.02 -2.53 0.00	37.04 -2.62 0.00	38.05 -2.82 0.00	39.95 -3.81 0.00	47.14 -6.19 0.00	58.28 -8.56 0.02	47.91 -7.23 0.04	39.87 -5.01 0.24	34.18 -4.31 0.00	32.14 -4.33 0.22	31.75 -4.46 0.02	32.54 -4.74 0.02	30.98 -4.48 2.82	30.47 -4.57 3.66	35.16 -5.30 2.64	41.09 -6.37 0.43	46.76 -6.66 0.28	52.54 -6.78 0.17	47.95 -5.81 0.05	41.65 -5.85 0.02	38.81 -5.19 0.00	35.43 -3.80 0.00
LOCKPORT___CC2 323770	43.07 0.00	39.33 0.00	37.02 0.00	37.04 0.00	38.05 0.00	39.95 0.00	47.14 0.00	58.28 0.02	47.91 0.04	39.87 0.24	34.18 0.00	32.14 0.22	31.75 0.02	32.54 0.02	30.98 2.82	30.47 3.66	35.16 2.64	41.09 0.43	46.76 0.28	52.54 0.17	47.95 0.05	41.65 0.02	38.81 0.00	35.43 0.00
LOCKPORT___CC3 323771	43.07 -2.75 0.00	39.33 -2.73 0.00	37.02 -2.53 0.00	37.04 -2.62 0.00	38.05 -2.82 0.00	39.95 -3.81 0.00	47.14 -6.19 0.00	58.28 -8.56 0.02	47.91 -7.23 0.04	39.87 -5.01 0.24	34.18 -4.31 0.00	32.14 -4.33 0.22	31.75 -4.46 0.02	32.54 -4.74 0.02	30.98 -4.48 2.82	30.47 -4.57 3.66	35.16 -5.30 2.64	41.09 -6.37 0.43	46.76 -6.66 0.28	52.54 -6.78 0.17	47.95 -5.81 0.05	41.65 -5.85 0.02	38.81 -5.19 0.00	35.43 -3.80 0.00
LOCUSVLY_69_KV_BK2 55797	47.74 1.92 0.00	43.75 1.68 0.00	40.89 1.34 0.00	40.93 1.27 0.00	42.06 1.19 0.00	45.33 1.58 0.00	55.41 2.08 0.00	69.79 2.94 0.00	57.91 2.54 -0.19	50.02 2.98 -1.92	41.24 2.73 -0.01	39.30 2.61 0.00	38.92 2.68 -0.01	39.94 2.65 0.00	41.00 2.72 0.00	41.44 2.75 0.00	47.41 3.10 -1.20	53.45 3.21 -2.34	59.39 3.38 -2.30	64.53 3.63 -1.41	57.37 3.12 -0.44	50.59 2.90 -0.17	46.78 2.77 -0.01	41.51 2.28 0.00
LONG_LAKE_PHOENIX 24014	45.22 -0.60 0.00	41.44 -0.63 0.00	38.95 -0.59 0.00	39.03 -0.63 0.00	40.26 -0.61 0.00	43.10 -0.66 0.00	52.48 -0.85 0.00	65.85 -1.00 0.00	54.30 -0.88 0.00	44.40 -0.72 0.00	37.88 -0.62 0.00	36.07 -0.62 0.00	35.62 -0.62 0.00	36.66 -0.63 0.00	37.59 -0.69 0.00	38.04 -0.66 0.00	42.37 -0.73 0.00	46.99 -0.91 0.00	52.90 -0.81 0.00	58.66 -0.83 0.00	53.06 -0.75 0.00	46.76 -0.76 0.00	43.25 -0.75 0.00	38.61 -0.63 0.00
LOVETT___3 23632	46.73 0.92 0.00	42.95 0.88 0.00	40.26 0.71 0.00	40.30 0.63 0.00	41.44 0.57 0.00	44.54 0.79 0.00	54.56 1.23 0.00	68.59 1.74 0.00	56.33 1.66 0.50	41.93 1.80 4.99	40.07 1.58 0.00	38.24 1.54 0.00	37.83 1.59 0.00	38.90 1.60 0.00	39.93 1.65 0.00	40.40 1.70 0.00	41.88 1.85 3.08	43.72 1.92 6.10	49.68 1.93 5.95	57.89 2.02 3.63	54.37 1.67 1.11	48.68 1.57 0.41	45.54 1.54 0.00	40.45 1.22 0.00
LOVETT___4 23642	46.73 0.92 0.00	42.95 0.88 0.00	40.26 0.71 0.00	40.30 0.63 0.00	41.44 0.57 0.00	44.54 0.79 0.00	54.56 1.23 0.00	68.59 1.74 0.00	56.33 1.66 0.50	41.93 1.80 4.99	40.07 1.58 0.00	38.24 1.54 0.00	37.83 1.59 0.00	38.90 1.60 0.00	39.93 1.65 0.00	40.40 1.70 0.00	41.88 1.85 3.08	43.72 1.92 6.10	49.68 1.93 5.95	57.89 2.02 3.63	54.37 1.67 1.11	48.68 1.57 0.41	45.54 1.54 0.00	40.45 1.22 0.00
LOVETT___5 23593	46.73 0.92 0.00	42.95 0.88 0.00	40.26 0.71 0.00	40.30 0.63 0.00	41.44 0.57 0.00	44.54 0.79 0.00	54.56 1.23 0.00	68.59 1.74 0.00	56.33 1.66 0.50	41.93 1.80 4.99	40.07 1.58 0.00	38.24 1.54 0.00	37.83 1.59 0.00	38.90 1.60 0.00	39.93 1.65 0.00	40.40 1.70 0.00	41.88 1.85 3.08	43.72 1.92 6.10	49.68 1.93 5.95	57.89 2.02 3.63	54.37 1.67 1.11	48.68 1.57 0.41	45.54 1.54 0.00	40.45 1.22 0.00
LOWER RAQUET___HYD 24057	45.17 -0.64 0.00	41.48 -0.59 0.00	39.03 -0.52 0.00	39.30 -0.36 0.00	40.38 -0.49 0.00	43.01 -0.74 0.00	52.47 -0.86 0.00	65.65 -1.20 0.00	53.63 -1.54 0.00	43.54 -1.58 0.00	37.11 -1.38 0.00	35.45 -1.25 0.00	34.93 -1.30 0.00	35.88 -1.42 0.00	36.86 -1.42 0.00	37.46 -1.24 0.00	41.64 -1.47 0.00	46.46 -1.44 0.00	51.66 -2.04 0.00	57.65 -1.84 0.00	52.09 -1.72 0.00	47.04 -0.48 0.00	43.42 -0.57 0.00	38.96 -0.27 0.00
LOWER___HUDSON 24059	46.41 0.59 0.00	42.74 0.67 0.00	40.22 0.67 0.00	40.33 0.67 0.00	41.48 0.61 0.00	44.59 0.83 0.00	54.61 1.28 0.00	68.39 1.54 0.00	56.54 1.32 -0.04	46.20 0.72 -0.36	39.11 0.61 0.00	37.17 0.48 0.00	36.78 0.54 0.00	37.82 0.52 0.00	38.85 0.58 0.00	39.39 0.70 0.00	44.19 0.86 -0.22	49.48 1.15 -0.44	55.42 1.29 -0.43	61.12 1.37 -0.26	55.08 1.18 -0.08	48.50 0.95 -0.03	44.88 0.88 0.00	39.82 0.59 0.00
LOWVILLE_115KV_TB2 356335	46.23 0.41 0.00	42.53 0.46 0.00	39.98 0.44 0.00	40.18 0.52 0.00	41.36 0.49 0.00	44.19 0.44 0.00	54.24 0.91 0.00	68.12 1.27 0.00	55.34 0.17 0.00	44.40 -0.72 0.00	37.53 -0.96 0.00	35.74 -0.95 0.00	35.25 -0.98 0.00	35.99 -1.31 0.00	37.32 -0.96 0.00	38.04 -0.66 0.00	42.55 -0.56 0.00	47.80 -0.10 0.00	53.92 0.21 0.00	60.09 0.59 0.00	54.24 0.43 0.00	48.14 0.62 0.00	44.61 0.62 0.00	39.78 0.55 0.00

LUTHERFT_115KV_GLOB_FND_222 355753	47.01 1.19 0.00	43.20 1.14 0.00	40.61 1.07 0.00	40.77 1.11 0.00	41.93 1.06 0.00	45.03 1.27 0.00	55.20 1.87 0.00	69.19 2.34 0.00	57.03 1.82 -0.03	46.53 1.08 -0.33	39.30 0.81 0.00	37.39 0.70 0.00	36.96 0.72 0.00	38.11 0.82 0.00	39.20 0.92 0.00	39.74 1.04 0.00	44.56 1.25 -0.20	49.92 1.63 -0.40	55.97 1.88 -0.39	61.75 2.02 -0.24	55.66 1.78 -0.07	49.07 1.52 -0.03	45.36 1.36 0.00	40.21 0.98 0.00
LUTHERNY_35_KV_BK2 355980	47.01 1.19 0.00	43.20 1.14 0.00	40.65 1.11 0.00	40.77 1.11 0.00	41.93 1.06 0.00	45.07 1.31 0.00	55.20 1.87 0.00	69.26 2.41 0.00	57.09 1.88 -0.03	46.57 1.13 -0.33	39.30 0.81 0.00	37.39 0.70 0.00	36.96 0.72 0.00	38.11 0.82 0.00	39.20 0.92 0.00	39.74 1.04 0.00	44.60 1.29 -0.20	49.97 1.68 -0.40	56.03 1.93 -0.39	61.81 2.08 -0.24	55.72 1.83 -0.07	49.07 1.52 -0.03	45.41 1.41 0.00	40.25 1.02 0.00
LWR__OSWEGATCHIE_HYD 23850	45.36 -0.46 0.00	41.65 -0.42 0.00	39.15 -0.40 0.00	39.42 -0.24 0.00	40.50 -0.37 0.00	43.23 -0.53 0.00	52.90 -0.43 0.00	66.32 -0.53 0.00	54.02 -1.16 0.00	43.54 -1.58 0.00	36.99 -1.50 0.00	35.26 -1.43 0.00	34.78 -1.45 0.00	35.65 -1.64 0.00	36.75 -1.53 0.00	37.46 -1.24 0.00	41.77 -1.34 0.00	46.65 -1.25 0.00	52.36 -1.34 0.00	58.31 -1.19 0.00	52.63 -1.18 0.00	47.09 -0.43 0.00	43.60 -0.40 0.00	39.00 -0.24 0.00
LYONS_FALL_HYD 23570	46.32 0.50 0.00	42.57 0.51 0.00	40.02 0.48 0.00	40.22 0.55 0.00	41.36 0.49 0.00	44.28 0.53 0.00	54.29 0.96 0.00	68.12 1.27 0.00	55.67 0.50 0.00	44.90 -0.22 0.00	38.03 -0.46 0.00	36.26 -0.44 0.00	35.76 -0.47 0.00	36.62 -0.67 0.00	37.86 -0.42 0.00	38.47 -0.23 0.00	43.02 -0.09 0.00	48.14 0.24 0.00	54.24 0.54 0.00	60.33 0.83 0.00	54.46 0.65 0.00	48.23 0.71 0.00	44.66 0.66 0.00	39.82 0.59 0.00
MADISON__COUNTY_LFGE 323628	46.96 1.15 0.00	43.04 0.97 0.00	40.46 0.91 0.00	40.57 0.91 0.00	41.81 0.94 0.00	44.81 1.05 0.00	54.77 1.44 0.00	68.72 1.87 0.00	56.61 1.43 0.00	45.98 0.86 0.00	39.07 0.58 0.00	37.21 0.51 0.00	36.70 0.47 0.00	37.78 0.48 0.00	38.89 0.61 0.00	39.39 0.70 0.00	43.97 0.86 0.00	48.76 0.86 0.00	54.83 1.13 0.00	60.80 1.31 0.00	55.00 1.18 0.00	48.52 1.00 0.00	44.88 0.88 0.00	39.98 0.75 0.00
MALONE__115KV_TB1 356076	46.23 0.41 0.00	42.45 0.38 0.00	39.98 0.44 0.00	40.33 0.67 0.00	41.77 0.90 0.00	44.54 0.79 0.00	54.29 0.96 0.00	67.99 1.14 0.00	55.79 0.61 0.00	45.39 0.27 0.00	38.76 0.27 0.00	36.95 0.26 0.00	36.48 0.25 0.00	37.52 0.22 0.00	38.39 0.11 0.00	38.97 0.27 0.00	43.28 0.17 0.00	48.18 0.29 0.00	53.70 0.00 0.00	59.73 0.24 0.00	54.08 0.27 0.00	48.33 0.81 0.00	44.66 0.66 0.00	40.06 0.82 0.00
MAPLEWOD_115KV_TB3 80458	46.37 0.55 0.00	42.70 0.63 0.00	40.18 0.63 0.00	40.30 0.63 0.00	41.40 0.53 0.00	44.46 0.70 0.00	54.34 1.01 0.00	68.19 1.34 0.00	56.43 1.21 -0.04	46.21 0.72 -0.37	39.11 0.62 0.00	37.28 0.59 0.00	36.81 0.58 0.00	37.89 0.60 0.00	38.89 0.61 0.00	39.43 0.74 0.00	44.24 0.91 -0.23	49.50 1.15 -0.45	55.32 1.18 -0.44	61.01 1.25 -0.27	54.97 1.08 -0.08	48.45 0.90 -0.03	44.88 0.88 0.00	39.82 0.59 0.00
MAPLE_RIDGE_WT_1 323574	45.77 -0.05 0.00	42.03 -0.04 0.00	39.51 -0.04 0.00	39.66 0.00 0.00	40.91 0.04 0.00	43.76 0.00 0.00	53.33 0.00 0.00	66.78 -0.07 0.00	55.07 -0.11 0.00	45.07 -0.05 0.00	38.46 -0.04 0.00	36.66 -0.04 0.00	36.20 -0.04 0.00	37.26 -0.04 0.00	38.20 -0.08 0.00	38.66 -0.04 0.00	43.02 -0.09 0.00	47.80 -0.10 0.00	53.49 -0.21 0.00	59.32 -0.18 0.00	53.71 -0.11 0.00	47.42 -0.09 0.00	43.91 -0.09 0.00	39.19 -0.04 0.00
MAPLE_RIDGE_WT_2 323611	45.77 -0.05 0.00	42.03 -0.04 0.00	39.51 -0.04 0.00	39.66 0.00 0.00	40.91 0.04 0.00	43.76 0.00 0.00	53.33 0.00 0.00	66.78 -0.07 0.00	55.07 -0.11 0.00	45.07 -0.05 0.00	38.46 -0.04 0.00	36.66 -0.04 0.00	36.20 -0.04 0.00	37.26 -0.04 0.00	38.20 -0.08 0.00	38.66 -0.04 0.00	43.02 -0.09 0.00	47.80 -0.10 0.00	53.49 -0.21 0.00	59.32 -0.18 0.00	53.71 -0.11 0.00	47.42 -0.09 0.00	43.91 -0.09 0.00	39.19 -0.04 0.00
MARBLE_RIVER_WT_PWR 323696	45.77 -0.05 0.00	42.07 0.00 0.00	39.67 0.12 0.00	39.98 0.32 0.00	41.44 0.57 0.00	44.28 0.53 0.00	53.86 0.53 0.00	67.38 0.53 0.00	55.46 0.28 0.00	45.35 0.23 0.00	38.73 0.23 0.00	36.95 0.26 0.00	36.38 0.15 0.00	37.41 0.11 0.00	38.36 0.08 0.00	38.85 0.16 0.00	43.19 0.09 0.00	48.04 0.14 0.00	53.44 -0.27 0.00	59.44 -0.06 0.00	53.87 0.05 0.00	47.99 0.48 0.00	44.35 0.35 0.00	39.74 0.51 0.00
MARSHVLE_115KV_TB1 80742	48.43 2.61 0.00	44.38 2.31 0.00	41.68 2.14 0.00	41.88 2.22 0.00	43.12 2.25 0.00	46.34 2.58 0.00	56.90 3.57 0.00	71.20 4.35 0.00	57.88 2.70 0.00	46.43 1.31 0.00	39.30 0.81 0.00	37.61 0.92 0.00	37.32 1.09 0.00	38.49 1.19 0.00	39.81 1.53 0.00	40.48 1.78 0.00	45.30 2.20 0.00	50.77 2.87 0.00	57.25 3.54 0.00	63.48 3.99 0.00	57.37 3.55 0.00	50.51 2.99 0.00	46.68 2.68 0.00	41.35 2.12 0.00
MARSH_HILL_WT_PWR 323713	45.72 -0.09 0.00	41.78 -0.29 0.00	39.23 -0.32 0.00	39.30 -0.36 0.00	40.50 -0.37 0.00	42.92 -0.83 0.00	51.52 -1.81 0.00	64.06 -2.74 0.05	52.45 -2.65 0.08	42.59 -2.21 0.32	36.34 -2.15 0.00	34.85 -2.57 -0.72	33.36 -2.83 0.05	34.19 -3.06 0.05	45.55 -3.14 -10.40	48.97 -3.48 -13.76	48.52 -3.75 -9.16	43.30 -4.12 0.48	49.73 -3.60 0.38	55.87 -3.39 0.23	51.21 -2.53 0.07	44.93 -2.57 0.03	41.80 -2.20 0.00	37.86 -1.37 0.00
MCINTYRE_115KV_TB2 80467	46.55 0.73 0.00	42.70 0.63 0.00	40.18 0.63 0.00	40.49 0.83 0.00	41.77 0.90 0.00	44.50 0.74 0.00	54.13 0.80 0.00	67.65 0.80 0.00	55.12 -0.06 0.00	44.71 -0.41 0.00	38.07 -0.42 0.00	36.29 -0.40 0.00	35.83 -0.40 0.00	36.85 -0.45 0.00	37.82 -0.46 0.00	38.46 -0.23 0.00	42.80 -0.30 0.00	47.80 -0.10 0.00	53.44 -0.27 0.00	59.44 -0.06 0.00	53.76 -0.05 0.00	48.28 0.76 0.00	44.66 0.66 0.00	40.10 0.86 0.00
MECO____69_KV_BK1 80468	48.79 2.98 0.00	44.72 2.65 0.00	42.00 2.45 0.00	42.20 2.54 0.00	43.44 2.57 0.00	46.69 2.93 0.00	57.33 4.00 0.00	71.73 4.88 0.00	58.21 3.03 0.00	46.61 1.49 0.00	39.42 0.92 0.00	37.61 0.92 0.00	37.28 1.05 0.00	38.52 1.23 0.00	39.85 1.57 0.00	40.55 1.86 0.00	45.48 2.37 0.00	51.11 3.21 0.00	57.62 3.92 0.00	63.96 4.46 0.00	57.80 3.98 0.00	50.89 3.37 0.00	46.99 2.99 0.00	41.63 2.39 0.00
MENANDS__115KV_TB5 355628	46.14 0.32 0.00	42.53 0.46 0.00	40.02 0.47 0.00	40.14 0.48 0.00	41.24 0.37 0.00	44.28 0.53 0.00	54.13 0.80 0.00	67.85 1.00 0.00	56.26 1.05 -0.04	46.08 0.59 -0.37	39.00 0.50 0.00	37.17 0.48 0.00	36.74 0.51 0.00	37.78 0.48 0.00	38.78 0.50 0.00	39.32 0.62 0.00	44.11 0.78 -0.23	49.31 0.96 -0.45	55.11 0.97 -0.44	60.72 0.95 -0.27	54.70 0.81 -0.08	48.26 0.71 -0.03	44.70 0.70 0.00	39.66 0.43 0.00

MG INDUSTRY___DRP 24185	46.59 0.78 0.00	42.87 0.80 0.00	40.34 0.79 0.00	40.45 0.79 0.00	41.61 0.74 0.00	44.63 0.88 0.00	54.50 1.17 0.00	68.19 1.34 0.00	56.37 1.16 -0.03	46.16 0.72 -0.31	39.00 0.50 0.00	37.17 0.48 0.00	36.74 0.51 0.00	37.85 0.56 0.00	38.89 0.61 0.00	39.39 0.70 0.00	44.21 0.91 -0.19	49.38 1.10 -0.38	55.26 1.18 -0.37	61.03 1.31 -0.23	54.96 1.08 -0.07	48.54 1.00 -0.03	44.92 0.92 0.00	39.94 0.71 0.00
MID___OSWEGATCHIE_HYD 23849	45.36 -0.46 0.00	41.65 -0.42 0.00	39.15 -0.40 0.00	39.42 -0.24 0.00	40.50 -0.37 0.00	43.23 -0.53 0.00	52.90 -0.43 0.00	66.32 -0.53 0.00	54.02 -1.16 0.00	43.54 -1.58 0.00	36.99 -1.50 0.00	35.26 -1.43 0.00	34.78 -1.45 0.00	35.65 -1.64 0.00	36.75 -1.53 0.00	37.46 -1.24 0.00	41.77 -1.34 0.00	46.65 -1.25 0.00	52.36 -1.34 0.00	58.31 -1.19 0.00	52.63 -1.18 0.00	47.09 -0.43 0.00	43.60 -0.40 0.00	39.00 -0.24 0.00
MID___RAQUETTE_HYD 23851	45.17 -0.64 0.00	41.48 -0.59 0.00	39.03 -0.51 0.00	39.34 -0.32 0.00	40.38 -0.49 0.00	43.01 -0.74 0.00	52.48 -0.85 0.00	65.65 -1.20 0.00	53.63 -1.54 0.00	43.54 -1.58 0.00	37.11 -1.39 0.00	35.37 -1.32 0.00	34.93 -1.30 0.00	35.88 -1.42 0.00	36.86 -1.42 0.00	37.46 -1.24 0.00	41.64 -1.47 0.00	46.46 -1.44 0.00	51.88 -1.83 0.00	57.65 -1.84 0.00	52.09 -1.72 0.00	46.95 -0.57 0.00	43.43 -0.57 0.00	38.96 -0.27 0.00
MILLIKEN___1 23584	46.87 1.05 0.00	42.91 0.84 0.00	40.30 0.75 0.00	40.37 0.71 0.00	41.69 0.82 0.00	44.59 0.83 0.00	54.29 0.96 0.00	68.17 1.27 -0.05	56.08 0.88 -0.02	45.42 0.63 0.33	38.92 0.42 0.00	37.13 0.33 -0.11	36.57 0.29 -0.05	37.64 0.30 -0.05	39.47 0.34 -0.85	39.97 0.27 -1.01	43.97 0.39 -0.48	47.93 0.38 0.35	54.11 0.81 0.40	60.32 1.07 0.24	54.76 1.02 0.07	48.20 0.71 0.03	44.61 0.62 0.00	39.82 0.59 0.00
MILLIKEN___2 23585	46.87 1.05 0.00	42.91 0.84 0.00	40.30 0.75 0.00	40.37 0.71 0.00	41.69 0.82 0.00	44.59 0.83 0.00	54.29 0.96 0.00	68.17 1.27 -0.05	56.08 0.88 -0.02	45.42 0.63 0.33	38.92 0.42 0.00	37.13 0.33 -0.11	36.57 0.29 -0.05	37.64 0.30 -0.05	39.47 0.34 -0.85	39.97 0.27 -1.01	43.97 0.39 -0.48	47.93 0.38 0.35	54.11 0.81 0.40	60.32 1.07 0.24	54.76 1.02 0.07	48.20 0.71 0.03	44.61 0.62 0.00	39.82 0.59 0.00
MILLIKEN___DIESEL 23629	46.87 1.05 0.00	42.91 0.84 0.00	40.30 0.75 0.00	40.37 0.71 0.00	41.69 0.82 0.00	44.59 0.83 0.00	54.29 0.96 0.00	68.17 1.27 -0.05	56.08 0.88 -0.02	45.42 0.63 0.33	38.92 0.42 0.00	37.13 0.33 -0.11	36.57 0.29 -0.05	37.64 0.30 -0.05	39.47 0.34 -0.85	39.97 0.27 -1.01	43.97 0.39 -0.48	47.93 0.38 0.35	54.11 0.81 0.40	60.32 1.07 0.24	54.76 1.02 0.07	48.20 0.71 0.03	44.61 0.62 0.00	39.82 0.59 0.00
MILLSEAT___LFGE 323607	44.03 -1.79 0.00	40.22 -1.85 0.00	37.81 -1.74 0.00	37.88 -1.78 0.00	38.99 -1.88 0.00	41.09 -2.67 0.00	48.80 -4.53 0.00	60.55 -6.29 0.02	49.68 -5.46 0.04	41.15 -3.74 0.23	35.22 -3.27 0.00	33.25 -3.27 0.18	32.74 -3.48 0.02	33.55 -3.73 0.02	32.66 -3.41 2.21	32.39 -3.44 2.87	37.05 -3.96 2.09	42.43 -4.89 0.59	48.49 -4.94 0.27	54.45 -4.88 0.17	49.62 -4.14 0.05	43.13 -4.37 0.02	40.13 -3.87 0.00	36.41 -2.83 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	47.01 1.19 0.00	43.16 1.09 0.00	40.42 0.87 0.00	40.49 0.83 0.00	41.61 0.74 0.00	44.81 1.05 0.00	54.88 1.55 0.00	68.99 2.14 0.00	57.36 1.99 -0.20	49.12 2.03 -1.97	40.27 1.77 0.00	38.38 1.69 0.00	38.01 1.78 0.00	39.08 1.79 0.00	40.12 1.84 0.00	40.59 1.90 0.00	46.44 2.11 -1.22	52.46 2.16 -2.41	58.26 2.20 -2.35	63.31 2.38 -1.43	56.24 1.99 -0.44	49.49 1.81 -0.16	45.76 1.76 0.00	40.61 1.37 0.00
MILLWOOD_13_KV_LOAD 356217	47.14 1.33 0.00	43.25 1.18 0.00	40.50 0.95 0.00	40.57 0.91 0.00	41.69 0.82 0.00	44.89 1.14 0.00	55.04 1.71 0.00	69.19 2.34 0.00	57.47 2.10 -0.20	49.21 2.12 -1.97	40.30 1.81 0.00	38.46 1.76 0.00	38.08 1.85 0.00	39.12 1.83 0.00	40.16 1.88 0.00	40.67 1.97 0.00	46.52 2.20 -1.22	52.60 2.30 -2.41	58.42 2.36 -2.35	63.49 2.56 -1.43	56.40 2.15 -0.44	49.63 1.95 -0.16	45.85 1.85 0.00	40.72 1.49 0.00
MODEL_CITY_ENERGY 24167	42.52 -3.30 0.00	38.87 -3.20 0.00	36.58 -2.97 0.00	36.61 -3.05 0.00	37.60 -3.27 0.00	39.38 -4.38 0.00	46.45 -6.88 0.00	57.41 -9.42 0.02	47.41 -7.73 0.04	39.33 -5.55 0.24	33.76 -4.74 0.00	31.74 -4.73 0.22	31.36 -4.85 0.02	32.09 -5.18 0.02	30.83 -4.67 2.78	30.41 -4.68 3.61	34.98 -5.52 2.61	40.76 -6.71 0.43	46.11 -7.30 0.29	51.82 -7.50 0.18	47.30 -6.46 0.05	41.08 -6.42 0.02	38.28 -5.72 0.00	34.96 -4.28 0.00
MODERN_LFGE___ 323580	42.52 -3.30 0.00	38.87 -3.20 0.00	36.58 -2.97 0.00	36.61 -3.05 0.00	37.60 -3.27 0.00	39.38 -4.38 0.00	46.45 -6.88 0.00	57.41 -9.42 0.02	47.41 -7.73 0.04	39.33 -5.55 0.24	33.76 -4.74 0.00	31.74 -4.73 0.22	31.36 -4.85 0.02	32.09 -5.18 0.02	30.83 -4.67 2.78	30.41 -4.68 3.61	34.98 -5.52 2.61	40.76 -6.71 0.43	46.11 -7.30 0.29	51.82 -7.50 0.18	47.30 -6.46 0.05	41.08 -6.42 0.02	38.28 -5.72 0.00	34.96 -4.28 0.00
MOHAWK_PAPER___DRP 24187	46.37 0.55 0.00	42.70 0.63 0.00	40.18 0.63 0.00	40.30 0.63 0.00	41.40 0.53 0.00	44.46 0.70 0.00	54.34 1.01 0.00	68.19 1.34 0.00	56.43 1.21 -0.04	46.21 0.72 -0.37	39.11 0.62 0.00	37.28 0.59 0.00	36.81 0.58 0.00	37.89 0.60 0.00	38.89 0.61 0.00	39.43 0.74 0.00	44.24 0.91 -0.23	49.50 1.15 -0.45	55.32 1.18 -0.44	61.01 1.25 -0.27	54.97 1.08 -0.08	48.45 0.90 -0.03	44.88 0.88 0.00	39.82 0.59 0.00
MOHICAN_35_KV_115KV_LD 80490	46.73 0.92 0.00	42.91 0.84 0.00	40.38 0.83 0.00	40.53 0.87 0.00	41.69 0.82 0.00	44.85 1.09 0.00	54.98 1.65 0.00	69.06 2.21 0.00	56.81 1.60 -0.03	46.26 0.81 -0.32	38.96 0.46 0.00	36.99 0.29 0.00	36.59 0.36 0.00	37.78 0.48 0.00	38.89 0.61 0.00	39.47 0.77 0.00	44.30 0.99 -0.20	49.73 1.44 -0.40	55.81 1.72 -0.39	61.57 1.84 -0.24	55.45 1.56 -0.07	48.83 1.28 -0.03	45.19 1.19 0.00	39.98 0.75 0.00
MONGAUP___HYD 23641	47.15 1.33 0.00	43.20 1.14 0.00	40.46 0.91 0.00	40.57 0.91 0.00	41.73 0.86 0.00	44.59 0.83 0.00	54.29 0.96 0.00	67.79 0.94 0.00	55.60 0.83 0.41	41.70 0.63 4.05	39.26 0.77 0.00	37.47 0.77 0.00	37.10 0.87 0.00	38.19 0.89 0.00	39.20 0.92 0.00	39.70 1.00 0.00	41.81 1.21 2.50	44.34 1.39 4.94	50.54 1.67 4.83	57.92 1.37 2.94	53.83 0.91 0.90	48.32 1.14 0.33	45.10 1.10 0.00	40.41 1.18 0.00
MONTAUK___DIESEL 23721	48.34 2.52 0.00	44.13 2.06 0.00	41.09 1.54 0.00	41.05 1.39 0.00	42.22 1.35 0.00	45.55 1.79 0.00	56.00 2.67 0.00	70.86 4.01 0.00	58.63 3.26 -0.19	50.60 3.56 -1.92	42.31 3.81 -0.01	40.14 3.45 0.00	39.68 3.44 -0.01	40.58 3.28 0.00	41.42 3.14 0.00	41.48 2.79 0.00	47.53 3.23 -1.19	53.83 3.59 -2.34	60.62 4.62 -2.30	65.78 4.88 -1.40	58.45 4.20 -0.43	51.35 3.66 -0.17	47.22 3.21 -0.01	41.63 2.39 0.00

MOONROAD_115KV_HARTFLD_TB1-2 355988	44.58 -1.24 0.00	40.64 -1.43 0.00	37.97 -1.58 0.00	37.72 -1.94 0.00	38.58 -2.29 0.00	40.56 -3.19 0.00	48.10 -5.23 0.00	59.67 -7.15 0.02	48.51 -6.62 0.05	39.61 -5.23 0.28	33.80 -4.70 0.00	31.70 -4.77 0.22	31.46 -4.75 0.02	32.35 -4.92 0.02	30.56 -5.01 2.71	29.89 -5.30 3.51	34.64 -5.91 2.56	40.94 -6.51 0.45	47.20 -6.18 0.33	53.88 -5.41 0.20	49.12 -4.63 0.06	42.89 -4.61 0.02	39.82 -4.18 0.00	36.45 -2.79 0.00
MORRIS_RIDGE___SOLAR 323848	44.67 -1.14 0.00	40.81 -1.26 0.00	38.36 -1.19 0.00	38.39 -1.27 0.00	39.48 -1.39 0.00	41.79 -1.97 0.00	49.92 -3.41 0.00	62.01 -4.81 0.03	50.81 -4.30 0.06	41.38 -3.43 0.31	35.38 -3.12 0.00	32.22 -3.30 1.17	32.79 -3.41 0.03	33.68 -3.58 0.03	19.13 -3.60 15.55	14.45 -3.91 20.34	24.76 -4.31 14.03	42.64 -4.79 0.47	48.93 -4.40 0.37	55.05 -4.22 0.23	50.30 -3.45 0.07	44.03 -3.47 0.03	40.92 -3.08 0.00	37.11 -2.12 0.00
MORTIMER_115KV_TB3 55949	45.13 -0.69 0.00	41.27 -0.80 0.00	38.80 -0.75 0.00	38.87 -0.79 0.00	40.09 -0.78 0.00	42.71 -1.05 0.00	51.46 -1.87 0.00	64.30 -2.54 0.01	52.79 -2.37 0.01	43.63 -1.49 0.00	37.26 -1.23 0.00	35.25 -1.43 0.01	34.81 -1.41 0.01	35.75 -1.53 0.01	36.65 -1.61 0.02	37.15 -1.55 0.00	41.34 -1.77 0.00	45.71 -2.20 -0.02	51.66 -2.04 0.00	57.71 -1.78 0.00	52.25 -1.56 0.00	45.67 -1.85 0.00	42.28 -1.72 0.00	37.98 -1.26 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	47.28 1.47 0.00	43.41 1.35 0.00	40.61 1.07 0.00	40.65 0.99 0.00	41.81 0.94 0.00	45.07 1.31 0.00	55.20 1.87 0.00	69.46 2.61 0.00	57.74 2.37 -0.19	49.52 2.48 -1.92	40.65 2.16 0.00	38.75 2.05 0.00	38.37 2.14 0.00	39.46 2.16 0.00	40.50 2.22 0.00	40.98 2.28 0.00	46.79 2.50 -1.19	52.83 2.59 -2.35	58.63 2.63 -2.29	63.69 2.80 -1.40	56.56 2.31 -0.43	49.86 2.19 -0.16	46.07 2.07 0.00	40.88 1.65 0.00
MUNSVILLE_WIND_PWR 323609	48.84 3.02 0.00	44.68 2.61 0.00	41.96 2.41 0.00	42.16 2.50 0.00	43.49 2.62 0.00	46.64 2.89 0.00	57.17 3.84 -0.03	71.69 4.82 0.04	58.67 3.53 0.04	46.72 2.30 0.70	39.84 1.35 0.00	37.89 1.14 -0.06	37.16 0.91 -0.03	38.14 0.82 -0.03	39.86 1.07 -0.51	40.55 1.24 -0.62	44.73 1.64 0.01	49.04 1.96 0.83	55.77 2.90 0.83	62.32 3.33 0.51	56.72 3.07 0.16	49.98 2.52 0.06	46.33 2.33 0.00	41.39 2.16 0.00
N SALMON___HYD 24042	46.23 0.41 0.00	42.45 0.38 0.00	39.98 0.44 0.00	40.33 0.67 0.00	41.77 0.90 0.00	44.55 0.79 0.00	54.29 0.96 0.00	67.99 1.14 0.00	55.79 0.61 0.00	45.39 0.27 0.00	38.77 0.27 0.00	37.02 0.33 0.00	36.49 0.26 0.00	37.52 0.23 0.00	38.39 0.12 0.00	38.97 0.27 0.00	43.28 0.17 0.00	48.19 0.29 0.00	53.49 -0.21 0.00	59.73 0.24 0.00	54.08 0.27 0.00	48.42 0.90 0.00	44.66 0.66 0.00	40.06 0.83 0.00
N.AKRON___115KV_KNAPP 355671	43.94 -1.88 0.00	40.13 -1.94 0.00	37.73 -1.82 0.00	37.76 -1.90 0.00	38.91 -1.96 0.00	40.96 -2.80 0.00	48.64 -4.69 0.00	60.35 -6.48 0.02	49.29 -5.85 0.04	40.87 -4.02 0.23	35.07 -3.43 0.00	32.80 -3.71 0.18	32.59 -3.62 0.02	33.47 -3.80 0.02	32.42 -3.56 2.30	32.11 -3.60 2.99	36.79 -4.14 2.18	42.32 -5.03 0.55	48.06 -5.37 0.27	54.45 -4.88 0.17	49.46 -4.31 0.05	42.94 -4.56 0.02	39.86 -4.14 0.00	36.29 -2.94 0.00
N.E_GEN_SANDY PD 24062	46.37 0.55 0.00	42.70 0.63 0.00	40.18 0.63 0.00	40.26 0.60 0.00	41.40 0.53 0.00	44.50 0.74 0.00	54.56 1.23 0.00	68.39 1.54 0.00	56.67 1.43 -0.06	46.61 0.86 -0.63	39.30 0.81 0.00	37.39 0.70 0.00	37.03 0.80 0.00	38.00 0.71 0.00	39.01 0.73 0.00	39.55 0.85 0.00	44.53 1.03 -0.39	49.91 1.24 -0.77	55.80 1.34 -0.75	61.38 1.43 -0.46	55.19 1.24 -0.14	48.57 1.00 -0.05	44.96 0.97 0.00	39.86 0.63 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	46.78 0.96 0.00	42.99 0.93 0.00	40.30 0.75 0.00	40.37 0.71 0.00	41.48 0.61 0.00	44.59 0.83 0.00	54.61 1.28 0.00	68.66 1.80 0.00	56.40 1.71 0.49	42.01 1.80 4.92	40.07 1.58 0.00	38.24 1.54 0.00	37.83 1.59 0.00	38.90 1.60 0.00	39.93 1.65 0.00	40.44 1.74 0.00	41.97 1.90 3.04	43.86 1.96 6.00	49.83 1.99 5.86	58.00 2.08 3.58	54.44 1.72 1.09	48.68 1.57 0.40	45.54 1.54 0.00	40.49 1.26 0.00
N.QUEENS_27_KV_LOAD 356247	47.52 1.70 -0.01	43.59 1.51 -0.01	40.81 1.27 0.00	40.81 1.15 0.00	41.97 1.10 0.00	45.16 1.40 0.00	55.09 1.76 0.00	69.06 2.21 0.00	57.63 2.26 -0.19	49.66 2.62 -1.92	40.77 2.27 0.00	38.86 2.16 0.00	38.51 2.28 0.00	39.57 2.27 0.00	40.65 2.37 0.00	41.13 2.44 0.00	46.97 2.67 -1.19	52.88 2.63 -2.35	58.57 2.58 -2.29	63.51 2.62 -1.40	56.45 2.21 -0.43	49.86 2.19 -0.16	46.24 2.24 0.00	41.12 1.88 -0.01
N.TROY___115KV_TB1 355778	46.41 0.60 0.00	42.74 0.67 0.00	40.22 0.67 0.00	40.33 0.67 0.00	41.48 0.61 0.00	44.59 0.83 0.00	54.61 1.28 0.00	68.39 1.54 0.00	56.54 1.32 -0.04	46.20 0.72 -0.36	39.11 0.62 0.00	37.24 0.55 0.00	36.77 0.54 0.00	37.82 0.52 0.00	38.85 0.57 0.00	39.39 0.70 0.00	44.19 0.86 -0.22	49.53 1.20 -0.44	55.42 1.29 -0.43	61.12 1.37 -0.26	55.08 1.18 -0.08	48.55 1.00 -0.03	44.92 0.92 0.00	39.82 0.59 0.00
NARROWS_GT1_1 24228	47.84 2.01 -0.01	43.88 1.81 -0.01	40.97 1.42 0.00	40.97 1.31 0.00	42.18 1.31 0.00	45.42 1.66 0.00	55.09 1.76 0.00	69.13 2.27 0.00	57.63 2.26 -0.19	49.80 2.75 -1.92	40.92 2.43 0.00	38.93 2.24 0.00	38.66 2.43 0.00	39.75 2.46 0.00	40.77 2.49 0.00	41.33 2.63 0.00	47.14 2.84 -1.19	53.02 2.78 -2.35	58.68 2.68 -2.29	63.69 2.80 -1.40	56.55 2.31 -0.43	50.15 2.47 -0.16	46.42 2.42 0.00	41.32 2.08 -0.01
NARROWS_GT1_2 24229	47.84 2.01 -0.01	43.88 1.81 -0.01	40.97 1.42 0.00	40.97 1.31 0.00	42.18 1.31 0.00	45.42 1.66 0.00	55.09 1.76 0.00	69.13 2.27 0.00	57.63 2.26 -0.19	49.80 2.75 -1.92	40.92 2.43 0.00	38.93 2.24 0.00	38.66 2.43 0.00	39.75 2.46 0.00	40.77 2.49 0.00	41.33 2.63 0.00	47.14 2.84 -1.19	53.02 2.78 -2.35	58.68 2.68 -2.29	63.69 2.80 -1.40	56.55 2.31 -0.43	50.15 2.47 -0.16	46.42 2.42 0.00	41.32 2.08 -0.01
NARROWS_GT1_3 24230	47.84 2.01 -0.01	43.88 1.81 -0.01	40.97 1.42 0.00	40.97 1.31 0.00	42.18 1.31 0.00	45.42 1.66 0.00	55.09 1.76 0.00	69.13 2.27 0.00	57.63 2.26 -0.19	49.80 2.75 -1.92	40.92 2.43 0.00	38.93 2.24 0.00	38.66 2.43 0.00	39.75 2.46 0.00	40.77 2.49 0.00	41.33 2.63 0.00	47.14 2.84 -1.19	53.02 2.78 -2.35	58.68 2.68 -2.29	63.69 2.80 -1.40	56.55 2.31 -0.43	50.15 2.47 -0.16	46.42 2.42 0.00	41.32 2.08 -0.01
NARROWS_GT1_4 24231	47.84 2.01 -0.01	43.88 1.81 -0.01	40.97 1.42 0.00	40.97 1.31 0.00	42.18 1.31 0.00	45.42 1.66 0.00	55.09 1.76 0.00	69.13 2.27 0.00	57.63 2.26 -0.19	49.80 2.75 -1.92	40.92 2.43 0.00	38.93 2.24 0.00	38.66 2.43 0.00	39.75 2.46 0.00	40.77 2.49 0.00	41.33 2.63 0.00	47.14 2.84 -1.19	53.02 2.78 -2.35	58.68 2.68 -2.29	63.69 2.80 -1.40	56.55 2.31 -0.43	50.15 2.47 -0.16	46.42 2.42 0.00	41.32 2.08 -0.01

NARROWS_GT1_5 24232	47.84 2.01 -0.01	43.88 1.81 -0.01	40.97 1.42 0.00	40.97 1.31 0.00	42.18 1.31 0.00	45.42 1.66 0.00	55.09 1.76 0.00	69.13 2.27 0.00	57.63 2.26 -0.19	49.80 2.75 -1.92	40.92 2.43 0.00	38.93 2.24 0.00	38.66 2.43 0.00	39.75 2.46 0.00	40.77 2.49 0.00	41.33 2.63 0.00	47.14 2.84 -1.19	53.02 2.78 -2.35	58.68 2.68 -2.29	63.69 2.80 -1.40	56.55 2.31 -0.43	50.15 2.47 -0.16	46.42 2.42 0.00	41.32 2.08 -0.01
NARROWS_GT1_6 24233	47.84 2.01 -0.01	43.88 1.81 -0.01	40.97 1.42 0.00	40.97 1.31 0.00	42.18 1.31 0.00	45.42 1.66 0.00	55.09 1.76 0.00	69.13 2.27 0.00	57.63 2.26 -0.19	49.80 2.75 -1.92	40.92 2.43 0.00	38.93 2.24 0.00	38.66 2.43 0.00	39.75 2.46 0.00	40.77 2.49 0.00	41.33 2.63 0.00	47.14 2.84 -1.19	53.02 2.78 -2.35	58.68 2.68 -2.29	63.69 2.80 -1.40	56.55 2.31 -0.43	50.15 2.47 -0.16	46.42 2.42 0.00	41.32 2.08 -0.01
NARROWS_GT1_7 24234	47.84 2.01 -0.01	43.88 1.81 -0.01	40.97 1.42 0.00	40.97 1.31 0.00	42.18 1.31 0.00	45.42 1.66 0.00	55.09 1.76 0.00	69.13 2.27 0.00	57.63 2.26 -0.19	49.80 2.75 -1.92	40.92 2.43 0.00	38.93 2.24 0.00	38.66 2.43 0.00	39.75 2.46 0.00	40.77 2.49 0.00	41.33 2.63 0.00	47.14 2.84 -1.19	53.02 2.78 -2.35	58.68 2.68 -2.29	63.69 2.80 -1.40	56.55 2.31 -0.43	50.15 2.47 -0.16	46.42 2.42 0.00	41.32 2.08 -0.01
NARROWS_GT1_8 24235	47.84 2.01 -0.01	43.88 1.81 -0.01	40.97 1.42 0.00	40.97 1.31 0.00	42.18 1.31 0.00	45.42 1.66 0.00	55.09 1.76 0.00	69.13 2.27 0.00	57.63 2.26 -0.19	49.80 2.75 -1.92	40.92 2.43 0.00	38.93 2.24 0.00	38.66 2.43 0.00	39.75 2.46 0.00	40.77 2.49 0.00	41.33 2.63 0.00	47.14 2.84 -1.19	53.02 2.78 -2.35	58.68 2.68 -2.29	63.69 2.80 -1.40	56.55 2.31 -0.43	50.15 2.47 -0.16	46.42 2.42 0.00	41.32 2.08 -0.01
NARROWS_GT2_1 24236	47.84 2.01 -0.01	43.88 1.81 -0.01	40.97 1.42 0.00	40.97 1.31 0.00	42.18 1.31 0.00	45.42 1.66 0.00	55.09 1.76 0.00	69.13 2.27 0.00	57.63 2.26 -0.19	49.80 2.75 -1.92	40.92 2.43 0.00	38.93 2.24 0.00	38.66 2.43 0.00	39.75 2.46 0.00	40.77 2.49 0.00	41.33 2.63 0.00	47.14 2.84 -1.19	53.02 2.78 -2.35	58.68 2.68 -2.29	63.69 2.80 -1.40	56.55 2.31 -0.43	50.15 2.47 -0.16	46.42 2.42 0.00	41.32 2.08 -0.01
NARROWS_GT2_2 24237	47.84 2.01 -0.01	43.88 1.81 -0.01	40.97 1.42 0.00	40.97 1.31 0.00	42.18 1.31 0.00	45.42 1.66 0.00	55.09 1.76 0.00	69.13 2.27 0.00	57.63 2.26 -0.19	49.80 2.75 -1.92	40.92 2.43 0.00	38.93 2.24 0.00	38.66 2.43 0.00	39.75 2.46 0.00	40.77 2.49 0.00	41.33 2.63 0.00	47.14 2.84 -1.19	53.02 2.78 -2.35	58.68 2.68 -2.29	63.69 2.80 -1.40	56.55 2.31 -0.43	50.15 2.47 -0.16	46.42 2.42 0.00	41.32 2.08 -0.01
NARROWS_GT2_3 24238	47.84 2.01 -0.01	43.88 1.81 -0.01	40.97 1.42 0.00	40.97 1.31 0.00	42.18 1.31 0.00	45.42 1.66 0.00	55.09 1.76 0.00	69.13 2.27 0.00	57.63 2.26 -0.19	49.80 2.75 -1.92	40.92 2.43 0.00	38.93 2.24 0.00	38.66 2.43 0.00	39.75 2.46 0.00	40.77 2.49 0.00	41.33 2.63 0.00	47.14 2.84 -1.19	53.02 2.78 -2.35	58.68 2.68 -2.29	63.69 2.80 -1.40	56.55 2.31 -0.43	50.15 2.47 -0.16	46.42 2.42 0.00	41.32 2.08 -0.01
NARROWS_GT2_4 24239	47.84 2.01 -0.01	43.88 1.81 -0.01	40.97 1.42 0.00	40.97 1.31 0.00	42.18 1.31 0.00	45.42 1.66 0.00	55.09 1.76 0.00	69.13 2.27 0.00	57.63 2.26 -0.19	49.80 2.75 -1.92	40.92 2.43 0.00	38.93 2.24 0.00	38.66 2.43 0.00	39.75 2.46 0.00	40.77 2.49 0.00	41.33 2.63 0.00	47.14 2.84 -1.19	53.02 2.78 -2.35	58.68 2.68 -2.29	63.69 2.80 -1.40	56.55 2.31 -0.43	50.15 2.47 -0.16	46.42 2.42 0.00	41.32 2.08 -0.01
NARROWS_GT2_5 24240	47.84 2.01 -0.01	43.88 1.81 -0.01	40.97 1.42 0.00	40.97 1.31 0.00	42.18 1.31 0.00	45.42 1.66 0.00	55.09 1.76 0.00	69.13 2.27 0.00	57.63 2.26 -0.19	49.80 2.75 -1.92	40.92 2.43 0.00	38.93 2.24 0.00	38.66 2.43 0.00	39.75 2.46 0.00	40.77 2.49 0.00	41.33 2.63 0.00	47.14 2.84 -1.19	53.02 2.78 -2.35	58.68 2.68 -2.29	63.69 2.80 -1.40	56.55 2.31 -0.43	50.15 2.47 -0.16	46.42 2.42 0.00	41.32 2.08 -0.01
NARROWS_GT2_6 24241	47.84 2.01 -0.01	43.88 1.81 -0.01	40.97 1.42 0.00	40.97 1.31 0.00	42.18 1.31 0.00	45.42 1.66 0.00	55.09 1.76 0.00	69.13 2.27 0.00	57.63 2.26 -0.19	49.80 2.75 -1.92	40.92 2.43 0.00	38.93 2.24 0.00	38.66 2.43 0.00	39.75 2.46 0.00	40.77 2.49 0.00	41.33 2.63 0.00	47.14 2.84 -1.19	53.02 2.78 -2.35	58.68 2.68 -2.29	63.69 2.80 -1.40	56.55 2.31 -0.43	50.15 2.47 -0.16	46.42 2.42 0.00	41.32 2.08 -0.01
NARROWS_GT2_7 24242	47.84 2.01 -0.01	43.88 1.81 -0.01	40.97 1.42 0.00	40.97 1.31 0.00	42.18 1.31 0.00	45.42 1.66 0.00	55.09 1.76 0.00	69.13 2.27 0.00	57.63 2.26 -0.19	49.80 2.75 -1.92	40.92 2.43 0.00	38.93 2.24 0.00	38.66 2.43 0.00	39.75 2.46 0.00	40.77 2.49 0.00	41.33 2.63 0.00	47.14 2.84 -1.19	53.02 2.78 -2.35	58.68 2.68 -2.29	63.69 2.80 -1.40	56.55 2.31 -0.43	50.15 2.47 -0.16	46.42 2.42 0.00	41.32 2.08 -0.01
NARROWS_GT2_8 24243	47.84 2.01 -0.01	43.88 1.81 -0.01	40.97 1.42 0.00	40.97 1.31 0.00	42.18 1.31 0.00	45.42 1.66 0.00	55.09 1.76 0.00	69.13 2.27 0.00	57.63 2.26 -0.19	49.80 2.75 -1.92	40.92 2.43 0.00	38.93 2.24 0.00	38.66 2.43 0.00	39.75 2.46 0.00	40.77 2.49 0.00	41.33 2.63 0.00	47.14 2.84 -1.19	53.02 2.78 -2.35	58.68 2.68 -2.29	63.69 2.80 -1.40	56.55 2.31 -0.43	50.15 2.47 -0.16	46.42 2.42 0.00	41.32 2.08 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	47.19 1.37 0.00	43.41 1.35 0.00	40.81 1.27 0.00	41.01 1.35 0.00	42.14 1.27 0.00	45.20 1.44 0.00	55.36 2.03 0.00	68.99 2.14 0.00	57.22 2.04 0.00	46.16 1.04 0.00	38.88 0.38 0.00	37.06 0.37 0.00	36.59 0.36 0.00	37.70 0.41 0.00	38.82 0.54 0.00	39.39 0.70 0.00	44.44 1.34 0.00	49.67 1.77 0.00	55.64 1.93 0.00	61.93 2.44 0.00	55.38 1.56 0.00	49.18 1.66 0.00	45.27 1.28 0.00	40.29 1.06 0.00
NCHELSEA_115KV_TR2 355582	47.28 1.47 0.00	43.41 1.35 0.00	40.65 1.11 0.00	40.77 1.11 0.00	41.89 1.02 0.00	45.07 1.31 0.00	55.30 1.97 0.00	69.32 2.47 0.00	57.29 2.15 0.04	46.59 1.85 0.38	40.00 1.50 0.00	38.20 1.50 0.00	37.79 1.56 0.00	38.86 1.57 0.00	39.93 1.65 0.00	40.44 1.74 0.00	44.85 1.98 0.24	49.59 2.16 0.47	55.61 2.36 0.45	61.78 2.56 0.28	55.83 2.10 0.08	49.34 1.85 0.03	45.71 1.72 0.00	40.65 1.41 0.00
NEG CAPITAL__MECHNVIL 23645	47.05 1.24 0.00	43.29 1.22 0.00	40.69 1.15 0.00	40.85 1.19 0.00	42.01 1.14 0.00	45.16 1.40 0.00	55.30 1.97 0.00	69.39 2.54 0.00	57.20 1.98 -0.03	46.67 1.22 -0.34	39.42 0.92 0.00	37.43 0.73 0.00	37.07 0.83 0.00	38.23 0.93 0.00	39.27 0.99 0.00	39.86 1.16 0.00	44.69 1.38 -0.21	50.08 1.77 -0.41	56.20 2.09 -0.40	61.94 2.20 -0.24	55.82 1.93 -0.07	49.16 1.62 -0.03	45.49 1.50 0.00	40.33 1.10 0.00

NEG CENTRAL_HIGH_ACRES 23767	44.76 -1.05 0.00	40.93 -1.13 0.00	38.48 -1.07 0.00	38.59 -1.07 0.00	39.81 -1.06 0.00	42.45 -1.31 0.00	51.36 -1.97 0.00	64.23 -2.61 0.01	52.69 -2.48 0.01	43.59 -1.53 0.00	37.23 -1.27 0.00	35.48 -1.21 0.01	34.85 -1.38 0.01	35.75 -1.53 0.01	36.66 -1.61 0.01	37.11 -1.59 0.00	41.34 -1.77 0.00	45.70 -2.20 -0.01	51.72 -1.99 0.00	57.41 -2.08 0.00	52.04 -1.77 0.00	45.57 -1.95 0.00	42.24 -1.76 0.00	37.78 -1.45 0.00
NEG CENTRAL___DRP 24199	46.09 0.27 0.00	42.19 0.13 0.00	39.63 0.08 0.00	39.70 0.04 0.00	40.99 0.12 0.00	43.80 0.04 0.00	53.06 -0.27 0.00	66.37 -0.47 0.01	54.67 -0.50 0.01	44.85 -0.27 0.00	38.23 -0.27 0.00	36.39 -0.37 -0.06	35.82 -0.40 0.01	36.83 -0.45 0.01	38.80 -0.50 -1.01	39.51 -0.54 -1.36	43.47 -0.56 -0.92	47.12 -0.77 0.01	53.17 -0.54 0.00	59.02 -0.48 0.00	53.60 -0.22 0.00	47.19 -0.33 0.00	43.65 -0.35 0.00	39.04 -0.20 0.00
NEG CENTRAL___INDECK 23768	46.73 0.92 0.00	42.70 0.63 0.00	40.14 0.59 0.00	40.26 0.60 0.00	41.52 0.65 0.00	44.19 0.44 0.00	53.22 -0.11 0.00	66.29 -0.54 0.03	53.91 -1.21 0.05	43.95 -0.90 0.27	37.49 -1.00 0.00	36.32 -1.14 -0.77	34.83 -1.38 0.03	35.70 -1.56 0.03	47.47 -1.61 -10.80	51.31 -1.62 -14.23	51.03 -1.59 -9.52	45.85 -1.68 0.37	52.58 -0.80 0.32	59.00 -0.30 0.19	53.86 0.11 0.06	47.02 -0.48 0.02	43.60 -0.40 0.00	39.15 -0.08 0.00
NEG CENTRAL___SENECA 23627	46.14 0.32 0.00	42.19 0.13 0.00	39.63 0.08 0.00	39.70 0.04 0.00	41.03 0.16 0.00	43.76 0.00 0.00	52.85 -0.48 0.00	65.89 -0.94 0.02	54.25 -0.88 0.05	44.44 -0.45 0.22	38.03 -0.46 0.00	36.20 -0.59 -0.10	35.56 -0.65 0.02	36.56 -0.71 0.02	39.12 -0.77 -1.60	40.00 -0.85 -2.15	43.57 -0.86 -1.33	46.50 -1.10 0.30	52.58 -0.86 0.27	58.50 -0.83 0.16	53.28 -0.48 0.05	46.98 -0.52 0.02	43.43 -0.57 0.00	38.96 -0.27 0.00
NEG CENTRAL___STATE_STREET 24147	46.18 0.37 0.00	42.28 0.21 0.00	39.71 0.16 0.00	39.78 0.12 0.00	41.12 0.25 0.00	43.98 0.22 0.00	53.54 0.21 0.00	67.12 0.27 -0.01	55.35 0.17 -0.01	45.21 0.09 0.00	38.57 0.08 0.00	36.70 0.00 -0.01	36.24 0.00 -0.01	37.30 0.00 -0.01	38.21 -0.08 -0.01	38.62 -0.08 0.00	43.02 -0.09 0.00	47.71 -0.19 -0.01	53.81 0.11 0.00	59.73 0.24 0.00	54.08 0.27 0.00	47.61 0.10 0.00	44.04 0.04 0.00	39.27 0.04 0.00
NEG MILLWOOD___DRP 24198	47.60 1.79 0.00	43.71 1.64 0.00	40.89 1.34 0.00	40.97 1.31 0.00	42.10 1.23 0.00	45.29 1.53 0.00	55.62 2.29 0.00	69.93 3.08 0.00	57.77 2.54 -0.05	47.86 2.21 -0.53	40.30 1.81 0.00	38.49 1.80 0.00	38.12 1.88 0.00	39.20 1.90 0.00	40.19 1.91 0.00	40.79 2.09 0.00	45.81 2.37 -0.33	51.13 2.59 -0.65	57.08 2.74 -0.63	62.98 3.09 -0.39	56.52 2.58 -0.12	49.84 2.28 -0.04	46.11 2.11 0.00	40.96 1.73 0.00
NEG NORTH_FLCN_SEA 23793	46.96 1.15 0.00	43.12 1.05 0.00	40.69 1.15 0.00	41.05 1.39 0.00	42.59 1.72 0.00	45.46 1.71 0.00	55.36 2.03 0.00	69.32 2.47 0.00	57.00 1.82 0.00	46.47 1.35 0.00	39.73 1.23 0.00	37.83 1.14 0.00	37.35 1.12 0.00	38.45 1.16 0.00	39.35 1.07 0.00	39.86 1.16 0.00	43.71 0.60 0.00	48.66 0.77 0.00	54.24 0.54 0.00	60.21 0.71 0.00	54.51 0.70 0.00	48.56 1.05 0.00	44.92 0.92 0.00	40.25 1.02 0.00
NEG NORTH_KES_CHATEGAY 23792	45.91 0.09 0.00	42.19 0.13 0.00	39.78 0.24 0.00	40.10 0.44 0.00	41.56 0.69 0.00	44.41 0.66 0.00	54.02 0.69 0.00	67.59 0.74 0.00	55.56 0.39 0.00	45.39 0.27 0.00	38.76 0.27 0.00	36.88 0.18 0.00	36.38 0.14 0.00	37.41 0.11 0.00	38.36 0.08 0.00	38.85 0.15 0.00	43.19 0.09 0.00	48.09 0.19 0.00	53.65 -0.05 0.00	59.55 0.06 0.00	53.98 0.16 0.00	48.04 0.52 0.00	44.48 0.48 0.00	39.86 0.63 0.00
NEG NORTH___ALICE_FALLS 23915	47.01 1.19 0.00	43.16 1.09 0.00	40.73 1.19 0.00	41.09 1.43 0.00	42.63 1.76 0.00	45.51 1.75 0.00	55.41 2.08 0.00	69.46 2.61 0.00	57.00 1.82 0.00	46.47 1.35 0.00	39.73 1.23 0.00	37.83 1.14 0.00	37.35 1.12 0.00	38.41 1.12 0.00	39.35 1.07 0.00	39.90 1.20 0.00	43.84 0.73 0.00	48.81 0.91 0.00	54.40 0.70 0.00	60.45 0.95 0.00	54.73 0.91 0.00	48.75 1.24 0.00	45.10 1.10 0.00	40.41 1.18 0.00
NEG NORTH___LWR_SARANAC 23913	47.01 1.19 0.00	43.16 1.09 0.00	40.73 1.19 0.00	41.09 1.43 0.00	42.63 1.76 0.00	45.51 1.75 0.00	55.41 2.08 0.00	69.46 2.61 0.00	57.00 1.82 0.00	46.47 1.35 0.00	39.73 1.23 0.00	37.83 1.14 0.00	37.35 1.12 0.00	38.41 1.12 0.00	39.35 1.07 0.00	39.90 1.20 0.00	43.84 0.73 0.00	48.81 0.91 0.00	54.40 0.70 0.00	60.45 0.95 0.00	54.73 0.91 0.00	48.75 1.24 0.00	45.10 1.10 0.00	40.41 1.18 0.00
NEG NORTH___PLATTSBURG 23628	47.01 1.19 0.00	43.16 1.09 0.00	40.73 1.19 0.00	41.09 1.43 0.00	42.63 1.76 0.00	45.51 1.75 0.00	55.41 2.08 0.00	69.46 2.60 0.00	57.06 1.88 0.00	46.47 1.35 0.00	39.73 1.23 0.00	37.90 1.21 0.00	37.36 1.12 0.00	38.41 1.12 0.00	39.35 1.07 0.00	39.90 1.20 0.00	43.84 0.73 0.00	48.80 0.91 0.00	54.19 0.48 0.00	60.44 0.95 0.00	54.73 0.91 0.00	48.85 1.33 0.00	45.10 1.10 0.00	40.41 1.18 0.00
NEG WEST_LEA_LOCKPORT 23791	43.07 -2.75 0.00	39.33 -2.73 0.00	36.98 -2.57 0.00	36.96 -2.70 0.00	38.05 -2.82 0.00	39.95 -3.81 0.00	47.14 -6.19 0.00	58.28 -8.56 0.02	47.74 -7.39 0.04	39.69 -5.19 0.24	34.11 -4.39 0.00	31.77 -4.70 0.22	31.68 -4.53 0.02	32.54 -4.74 0.02	30.90 -4.56 2.82	30.43 -4.60 3.66	35.12 -5.35 2.64	41.04 -6.42 0.44	46.55 -6.87 0.28	52.78 -6.54 0.17	48.00 -5.76 0.05	41.65 -5.84 0.02	38.67 -5.32 0.00	35.43 -3.81 0.00
NEG WEST___LANCASTER 23811	44.03 -1.79 0.00	40.17 -1.89 0.00	37.73 -1.82 0.00	37.68 -1.98 0.00	38.74 -2.13 0.00	40.91 -2.84 0.00	48.64 -4.69 0.00	60.61 -6.22 0.02	49.94 -5.19 0.05	40.51 -4.33 0.28	34.76 -3.73 0.00	33.12 -3.34 0.23	32.84 -3.37 0.02	34.03 -3.24 0.02	32.36 -3.02 2.90	30.61 -4.33 3.76	35.42 -4.96 2.73	41.80 -5.65 0.45	47.63 -5.75 0.33	53.94 -5.35 0.20	49.07 -4.68 0.06	42.74 -4.75 0.02	39.64 -4.36 0.00	36.33 -2.90 0.00
NEG_PENN_ALLEGHNY 23528	46.09 0.28 0.00	42.19 0.13 0.00	39.63 0.08 0.00	39.70 0.04 0.00	40.91 0.04 0.00	43.71 -0.04 0.00	53.17 -0.16 0.00	66.39 -0.46 0.00	54.74 -0.38 0.05	44.34 -0.27 0.51	38.23 -0.27 0.00	36.36 -0.33 0.00	35.90 -0.33 0.00	36.96 -0.34 0.00	37.97 -0.31 0.00	38.39 -0.31 0.00	42.49 -0.30 0.31	46.78 -0.48 0.64	52.89 -0.21 0.61	58.95 -0.18 0.37	53.59 -0.11 0.11	47.19 -0.28 0.04	43.74 -0.26 0.00	39.12 -0.12 0.00
NEG___GEN_MONROE 24207	45.13 -0.69 0.00	41.31 -0.76 0.00	38.84 -0.71 0.00	38.91 -0.75 0.00	40.18 -0.69 0.00	42.71 -1.05 0.00	51.41 -1.92 0.00	64.03 -2.81 0.01	52.46 -2.70 0.01	43.36 -1.76 0.00	36.96 -1.54 0.00	34.92 -1.76 0.01	34.44 -1.78 0.01	35.31 -1.98 0.01	36.20 -2.07 0.02	36.65 -2.05 0.00	40.74 -2.37 0.00	44.79 -2.87 0.23	50.97 -2.74 0.00	57.06 -2.44 0.00	51.66 -2.15 0.00	45.14 -2.38 0.00	41.75 -2.24 0.00	37.62 -1.61 0.00

NEPA__ENERGY 23901	43.94 -1.88 0.00	40.05 -2.02 0.00	37.61 -1.94 0.00	37.52 -2.14 0.00	38.54 -2.33 0.00	40.69 -3.06 0.00	48.37 -4.96 0.00	60.08 -6.75 0.02	49.17 -5.96 0.05	40.37 -4.47 0.28	34.65 -3.85 0.00	32.51 -3.93 0.25	32.33 -3.88 0.02	33.32 -3.95 0.02	31.14 -3.94 3.19	30.14 -4.41 4.14	35.07 -5.04 2.99	41.75 -5.70 0.45	47.63 -5.75 0.33	53.94 -5.35 0.20	49.12 -4.63 0.06	42.79 -4.70 0.02	39.69 -4.31 0.00	36.25 -2.98 0.00
NEVERSINK__HYD 23608	47.56 1.74 0.00	43.67 1.60 0.00	40.89 1.35 0.00	41.05 1.39 0.00	42.22 1.35 0.00	45.29 1.53 0.00	55.62 2.29 0.00	69.39 2.54 0.00	57.28 2.26 0.16	45.16 1.67 1.63	39.73 1.23 0.00	37.90 1.21 0.00	37.50 1.27 0.00	38.52 1.23 0.00	39.58 1.30 0.00	40.09 1.39 0.00	43.78 1.68 1.00	47.78 1.87 1.99	53.92 2.15 1.94	60.63 2.32 1.18	55.23 1.77 0.36	48.86 1.47 0.13	45.41 1.41 0.00	40.45 1.22 0.00
NEWKRMKL_115KV_TB1 55635	46.05 0.23 0.00	42.40 0.34 0.00	39.94 0.40 0.00	40.06 0.40 0.00	41.12 0.25 0.00	44.19 0.44 0.00	53.92 0.59 0.00	67.65 0.80 0.00	56.10 0.88 -0.04	45.98 0.50 -0.37	38.96 0.46 0.00	37.10 0.40 0.00	36.67 0.43 0.00	37.74 0.45 0.00	38.74 0.46 0.00	39.24 0.54 0.00	44.07 0.73 -0.23	49.21 0.86 -0.45	55.00 0.86 -0.44	60.60 0.83 -0.27	54.60 0.70 -0.08	48.17 0.62 -0.03	44.66 0.66 0.00	39.63 0.39 0.00
NEWTON__FALLS_HYD 23847	45.36 -0.46 0.00	41.65 -0.42 0.00	39.15 -0.40 0.00	39.42 -0.24 0.00	40.50 -0.37 0.00	43.23 -0.53 0.00	52.90 -0.43 0.00	66.32 -0.53 0.00	54.02 -1.16 0.00	43.54 -1.58 0.00	36.99 -1.50 0.00	35.26 -1.43 0.00	34.78 -1.45 0.00	35.65 -1.64 0.00	36.75 -1.53 0.00	37.46 -1.24 0.00	41.77 -1.34 0.00	46.65 -1.25 0.00	52.36 -1.34 0.00	58.31 -1.19 0.00	52.63 -1.18 0.00	47.09 -0.43 0.00	43.60 -0.40 0.00	39.00 -0.24 0.00
NGRID_A1_DSASP 323792	43.11 -2.70 0.00	39.33 -2.73 0.00	37.06 -2.49 0.00	37.00 -2.66 0.00	38.05 -2.82 0.00	39.60 -4.16 0.00	46.45 -6.88 0.00	57.34 -9.49 0.02	47.02 -8.11 0.04	39.28 -5.59 0.25	33.80 -4.70 0.00	31.40 -5.06 0.23	31.36 -4.85 0.02	32.20 -5.07 0.02	30.40 -4.94 2.94	29.89 -4.99 3.82	34.54 -5.82 2.75	40.20 -7.28 0.42	45.89 -7.52 0.29	52.00 -7.32 0.18	47.30 -6.46 0.05	41.08 -6.42 0.02	38.19 -5.81 0.00	35.15 -4.08 0.00
NGRID_A2_DSASP 323793	43.11 -2.70 0.00	39.33 -2.73 0.00	37.06 -2.49 0.00	37.00 -2.66 0.00	38.05 -2.82 0.00	39.60 -4.16 0.00	46.45 -6.88 0.00	57.34 -9.49 0.02	47.02 -8.11 0.04	39.28 -5.59 0.25	33.80 -4.70 0.00	31.40 -5.06 0.23	31.36 -4.85 0.02	32.20 -5.07 0.02	30.40 -4.94 2.94	29.89 -4.99 3.82	34.54 -5.82 2.75	40.20 -7.28 0.42	45.89 -7.52 0.29	52.00 -7.32 0.18	47.30 -6.46 0.05	41.08 -6.42 0.02	38.19 -5.81 0.00	35.15 -4.08 0.00
NGRID_A4_DSASP 323807	43.11 -2.70 0.00	39.33 -2.73 0.00	37.06 -2.49 0.00	37.00 -2.66 0.00	38.05 -2.82 0.00	39.60 -4.16 0.00	46.45 -6.88 0.00	57.34 -9.49 0.02	47.02 -8.11 0.04	39.28 -5.59 0.25	33.80 -4.70 0.00	31.40 -5.06 0.23	31.36 -4.85 0.02	32.20 -5.07 0.02	30.40 -4.94 2.94	29.89 -4.99 3.82	34.54 -5.82 2.75	40.20 -7.28 0.42	45.89 -7.52 0.29	52.00 -7.32 0.18	47.30 -6.46 0.05	41.08 -6.42 0.02	38.19 -5.81 0.00	35.15 -4.08 0.00
NIAGARA_115E_LBMP 323715	42.24 -3.57 0.00	38.62 -3.45 0.00	36.35 -3.20 0.00	36.37 -3.29 0.00	37.35 -3.52 0.00	39.12 -4.64 0.00	46.08 -7.25 0.00	56.87 -9.96 0.02	47.08 -8.06 0.04	39.06 -5.82 0.24	33.49 -5.00 0.00	31.51 -4.95 0.23	31.10 -5.11 0.02	31.87 -5.41 0.02	30.60 -4.82 2.86	30.15 -4.84 3.71	34.74 -5.69 2.68	40.53 -6.95 0.43	45.68 -7.73 0.29	51.40 -7.91 0.18	46.92 -6.84 0.05	40.75 -6.75 0.02	37.97 -6.03 0.00	34.72 -4.51 0.00
NIAGARA_115W_LBMP 323714	43.11 -2.70 0.00	39.33 -2.73 0.00	37.02 -2.53 0.00	37.08 -2.58 0.00	38.05 -2.82 0.00	39.56 -4.20 0.00	46.40 -6.93 0.00	57.21 -9.63 0.02	46.86 -8.28 0.04	39.41 -5.46 0.24	33.80 -4.70 0.00	31.80 -4.66 0.23	31.39 -4.82 0.02	32.13 -5.15 0.02	30.49 -4.86 2.93	29.94 -4.95 3.80	34.59 -5.78 2.74	40.16 -7.33 0.41	46.06 -7.36 0.29	51.70 -7.62 0.18	47.25 -6.51 0.05	41.04 -6.46 0.02	38.28 -5.72 0.00	35.11 -4.12 0.00
NIAGARA_230_LBMP 323716	43.07 -2.75 0.00	39.25 -2.82 0.00	36.98 -2.57 0.00	37.00 -2.66 0.00	37.97 -2.90 0.00	39.86 -3.89 0.00	46.98 -6.35 0.00	58.08 -8.76 0.02	47.63 -7.50 0.04	39.87 -5.01 0.24	34.22 -4.27 0.00	32.21 -4.26 0.22	31.79 -4.42 0.02	32.57 -4.70 0.02	30.69 -4.75 2.84	30.17 -4.84 3.69	34.80 -5.65 2.66	40.79 -6.71 0.41	46.65 -6.77 0.29	52.42 -6.90 0.18	47.84 -5.92 0.05	41.56 -5.94 0.02	38.76 -5.24 0.00	35.39 -3.84 0.00
NIAGARA__115KV_198_GIBSON 55903	43.11 -2.70 0.00	39.33 -2.73 0.00	37.02 -2.53 0.00	37.00 -2.66 0.00	38.05 -2.82 0.00	39.56 -4.20 0.00	46.40 -6.93 0.00	57.21 -9.63 0.02	46.97 -8.17 0.04	39.23 -5.64 0.24	33.72 -4.77 0.00	31.36 -5.10 0.23	31.28 -4.93 0.02	32.13 -5.15 0.02	30.41 -4.94 2.93	29.90 -4.99 3.80	34.55 -5.82 2.74	40.15 -7.33 0.42	45.84 -7.57 0.29	51.94 -7.38 0.18	47.25 -6.51 0.05	40.99 -6.51 0.02	38.10 -5.90 0.00	35.11 -4.12 0.00
NIAGARA__ 23760	43.07 -2.75 0.00	39.25 -2.82 0.00	36.98 -2.57 0.00	37.00 -2.66 0.00	37.97 -2.90 0.00	39.86 -3.89 0.00	46.98 -6.35 0.00	58.08 -8.76 0.02	47.63 -7.50 0.04	39.87 -5.01 0.24	34.22 -4.27 0.00	32.21 -4.26 0.22	31.79 -4.42 0.02	32.57 -4.70 0.02	30.69 -4.75 2.84	30.17 -4.84 3.69	34.80 -5.65 2.66	40.78 -6.71 0.41	46.65 -6.77 0.29	52.42 -6.90 0.18	47.84 -5.92 0.05	41.56 -5.94 0.02	38.76 -5.24 0.00	35.39 -3.84 0.00
NINE_MILE_1 23575	44.81 -1.01 0.00	41.10 -0.97 0.00	38.64 -0.91 0.00	38.75 -0.91 0.00	39.93 -0.94 0.00	42.71 -1.05 0.00	52.00 -1.33 0.00	65.18 -1.67 0.00	53.74 -1.43 0.00	43.99 -1.13 0.00	37.57 -0.92 0.00	35.78 -0.92 0.00	35.33 -0.90 0.00	36.32 -0.97 0.00	37.28 -1.00 0.00	37.73 -0.97 0.00	41.98 -1.12 0.00	46.61 -1.29 0.00	52.36 -1.34 0.00	58.01 -1.49 0.00	52.52 -1.29 0.00	46.28 -1.24 0.00	42.85 -1.14 0.00	38.25 -0.98 0.00
NINE_MILE_2 23744	44.81 -1.01 0.00	41.10 -0.97 0.00	38.64 -0.91 0.00	38.75 -0.91 0.00	39.93 -0.94 0.00	42.71 -1.05 0.00	52.00 -1.33 0.00	65.18 -1.67 0.00	53.74 -1.43 0.00	43.99 -1.13 0.00	37.57 -0.92 0.00	35.81 -0.88 0.00	35.33 -0.90 0.00	36.36 -0.93 0.00	37.28 -1.00 0.00	37.73 -0.97 0.00	41.98 -1.12 0.00	46.61 -1.29 0.00	52.36 -1.34 0.00	58.07 -1.43 0.00	52.52 -1.29 0.00	46.28 -1.24 0.00	42.90 -1.10 0.00	38.25 -0.98 0.00
NM_CAPITAL__DRP 24208	46.09 0.27 0.00	42.49 0.42 0.00	39.98 0.44 0.00	40.10 0.44 0.00	41.20 0.33 0.00	44.24 0.48 0.00	54.08 0.75 0.00	67.79 0.94 0.00	56.15 0.94 -0.04	46.03 0.54 -0.37	39.00 0.50 0.00	37.13 0.44 0.00	36.70 0.47 0.00	37.74 0.45 0.00	38.74 0.46 0.00	39.28 0.58 0.00	44.07 0.73 -0.23	49.26 0.91 -0.46	55.06 0.91 -0.45	60.66 0.89 -0.27	54.65 0.75 -0.08	48.22 0.67 -0.03	44.66 0.66 0.00	39.63 0.39 0.00

NM_CENTRAL__DRP 24181	45.72 -0.09 0.00	41.90 -0.17 0.00	39.35 -0.20 0.00	39.46 -0.20 0.00	40.71 -0.16 0.00	43.54 -0.22 0.00	53.01 -0.32 0.00	66.52 -0.33 0.00	54.85 -0.33 0.00	44.89 -0.23 0.00	38.34 -0.15 0.00	36.51 -0.18 0.00	36.05 -0.18 0.00	37.11 -0.19 0.00	38.05 -0.23 0.00	38.46 -0.23 0.00	42.85 -0.26 0.00	47.42 -0.48 0.00	53.38 -0.32 0.00	59.20 -0.30 0.00	53.55 -0.27 0.00	47.14 -0.38 0.00	43.65 -0.35 0.00	38.92 -0.31 0.00
NM_FRONTIER__DRP 24179	43.11 -2.70 0.00	39.33 -2.73 0.00	37.02 -2.53 0.00	37.00 -2.66 0.00	38.05 -2.82 0.00	39.56 -4.20 0.00	46.40 -6.93 0.00	57.21 -9.63 0.02	46.97 -8.17 0.04	39.23 -5.64 0.24	33.72 -4.77 0.00	31.36 -5.10 0.23	31.28 -4.93 0.02	32.13 -5.15 0.02	30.41 -4.94 2.93	29.90 -4.99 3.80	34.55 -5.82 2.74	40.15 -7.33 0.42	45.84 -7.57 0.29	51.94 -7.38 0.18	47.25 -6.51 0.05	40.99 -6.51 0.02	38.10 -5.90 0.00	35.11 -4.12 0.00
NM_ST_REGIS__HYD 24053	45.50 -0.32 0.00	41.73 -0.34 0.00	39.31 -0.24 0.00	39.62 -0.04 0.00	40.75 -0.12 0.00	43.45 -0.31 0.00	52.96 -0.37 0.00	66.32 -0.53 0.00	54.24 -0.94 0.00	44.08 -1.04 0.00	37.57 -0.92 0.00	35.81 -0.88 0.00	35.36 -0.87 0.00	36.32 -0.97 0.00	37.28 -1.00 0.00	37.88 -0.81 0.00	42.11 -0.99 0.00	46.94 -0.96 0.00	52.36 -1.34 0.00	58.25 -1.25 0.00	52.63 -1.18 0.00	47.33 -0.19 0.00	43.78 -0.22 0.00	39.27 0.04 0.00
NORTHPORT__1 23551	47.56 1.74 0.00	43.54 1.47 0.00	40.62 1.07 0.00	40.61 0.95 0.00	41.77 0.90 0.00	45.07 1.31 0.00	54.98 1.66 0.00	69.39 2.54 0.00	57.63 2.26 -0.19	49.84 2.80 -1.92	41.16 2.65 -0.01	39.12 2.42 0.00	38.81 2.57 -0.01	39.86 2.57 0.00	40.65 2.37 0.00	41.25 2.55 0.00	47.23 2.93 -1.19	53.31 3.07 -2.34	59.33 3.33 -2.30	64.59 3.69 -1.40	57.32 3.07 -0.43	50.35 2.66 -0.17	46.74 2.73 -0.01	41.47 2.24 0.00
NORTHPORT__2 23552	47.46 1.65 0.00	43.45 1.39 0.00	40.57 1.03 0.00	40.57 0.91 0.00	41.73 0.86 0.00	45.03 1.27 0.00	54.77 1.44 0.00	69.13 2.27 0.00	57.41 2.04 -0.19	49.75 2.71 -1.92	41.12 2.62 -0.01	39.05 2.35 0.00	38.78 2.54 -0.01	39.79 2.50 0.00	40.62 2.34 0.00	41.21 2.51 0.00	47.10 2.84 -1.19	53.07 2.83 -2.34	59.06 3.06 -2.30	64.23 3.33 -1.40	57.05 2.80 -0.43	50.11 2.42 -0.17	46.60 2.60 -0.01	41.43 2.20 0.00
NORTHPORT__3 23553	47.51 1.70 0.00	43.50 1.43 0.00	40.57 1.03 0.00	40.61 0.95 0.00	41.73 0.86 0.00	45.03 1.27 0.00	54.82 1.49 0.00	69.19 2.34 0.00	57.47 2.10 -0.19	49.79 2.75 -1.92	41.12 2.62 -0.01	39.05 2.35 0.00	38.78 2.54 -0.01	39.79 2.50 0.00	40.62 2.34 0.00	41.21 2.51 0.00	47.14 2.84 -1.19	53.11 2.87 -2.34	59.11 3.11 -2.30	64.35 3.45 -1.40	57.10 2.85 -0.43	50.16 2.47 -0.17	46.60 2.60 -0.01	41.43 2.20 0.00
NORTHPORT__4 23650	47.51 1.70 0.00	43.50 1.43 0.00	40.57 1.03 0.00	40.61 0.95 0.00	41.73 0.86 0.00	45.03 1.27 0.00	54.82 1.49 0.00	69.19 2.34 0.00	57.47 2.10 -0.19	49.79 2.75 -1.92	41.12 2.62 -0.01	39.05 2.35 0.00	38.78 2.54 -0.01	39.79 2.50 0.00	40.62 2.34 0.00	41.21 2.51 0.00	47.14 2.84 -1.19	53.11 2.87 -2.34	59.11 3.11 -2.30	64.35 3.45 -1.40	57.10 2.85 -0.43	50.16 2.47 -0.17	46.60 2.60 -0.01	41.43 2.20 0.00
NORTHPORT__IC 23718	47.56 1.74 0.00	43.54 1.47 0.00	40.61 1.07 0.00	40.65 0.99 0.00	41.77 0.90 0.00	45.07 1.31 0.00	55.09 1.76 0.00	69.39 2.54 0.00	57.52 2.15 -0.19	49.84 2.80 -1.92	41.20 2.69 -0.01	39.23 2.53 0.00	38.85 2.61 -0.01	39.87 2.57 0.00	40.88 2.60 0.00	41.29 2.59 0.00	47.23 2.93 -1.19	53.21 2.97 -2.34	59.38 3.38 -2.30	64.53 3.63 -1.40	57.32 3.07 -0.43	50.44 2.76 -0.17	46.73 2.73 -0.01	41.47 2.24 0.00
NORTH__COUNTRY_ESR 323785	45.77 -0.05 0.00	42.07 0.00 0.00	39.67 0.12 0.00	39.98 0.32 0.00	41.44 0.57 0.00	44.28 0.53 0.00	53.86 0.53 0.00	67.38 0.53 0.00	55.46 0.28 0.00	45.35 0.23 0.00	38.73 0.23 0.00	36.92 0.22 0.00	36.38 0.15 0.00	37.41 0.11 0.00	38.32 0.04 0.00	38.81 0.12 0.00	43.15 0.04 0.00	48.04 0.14 0.00	53.33 -0.37 0.00	59.38 -0.12 0.00	53.81 0.00 0.00	47.99 0.48 0.00	44.35 0.35 0.00	39.74 0.51 0.00
NPX_GEN_1385_PROXY 323591	47.56 1.74 0.00	43.54 1.47 0.00	40.62 1.07 0.00	40.61 0.95 0.00	41.77 0.90 0.00	45.07 1.31 0.00	54.98 1.66 0.00	69.39 2.54 0.00	57.63 2.26 -0.19	49.84 2.80 -1.92	41.16 2.65 -0.01	39.12 2.42 0.00	38.81 2.57 -0.01	39.86 2.57 0.00	40.65 2.37 0.00	41.25 2.55 0.00	47.23 2.93 -1.19	53.31 3.07 -2.34	59.33 3.33 -2.30	64.59 3.69 -1.40	57.32 3.07 -0.43	50.35 2.66 -0.17	46.74 2.73 -0.01	41.47 2.24 0.00
NPX_GEN_CSC 323557	47.01 1.19 0.00	42.99 0.92 0.00	40.06 0.51 0.00	40.06 0.40 0.00	41.20 0.33 0.00	44.50 0.74 0.00	54.50 1.17 0.00	68.99 2.14 0.00	57.14 1.77 -0.19	49.29 2.26 -1.92	41.28 2.77 -0.01	39.05 2.35 0.00	38.81 2.57 -0.01	39.83 2.54 0.00	40.31 2.03 0.00	40.94 2.24 0.00	47.06 2.76 -1.19	53.59 3.35 -2.34	59.76 3.76 -2.30	64.95 4.05 -1.40	57.91 3.66 -0.43	50.73 3.04 -0.17	46.95 2.95 -0.01	41.51 2.27 0.00
NSINS_S__GLNS_FALLS 23858	46.69 0.87 0.00	42.87 0.80 0.00	40.34 0.79 0.00	40.49 0.83 0.00	41.65 0.78 0.00	44.81 1.05 0.00	54.93 1.60 0.00	68.99 2.14 0.00	56.76 1.55 -0.03	46.21 0.77 -0.32	38.92 0.42 0.00	36.95 0.26 0.00	36.56 0.33 0.00	37.74 0.45 0.00	38.85 0.57 0.00	39.47 0.77 0.00	44.25 0.95 -0.20	49.68 1.39 -0.39	55.75 1.66 -0.38	61.45 1.73 -0.23	55.39 1.51 -0.07	48.78 1.24 -0.03	45.14 1.14 0.00	39.94 0.71 0.00
NUCOR_STEEL__DRP 24197	46.37 0.55 0.00	42.49 0.42 0.00	39.90 0.36 0.00	39.98 0.32 0.00	41.28 0.41 0.00	44.15 0.39 0.00	53.70 0.37 0.00	67.33 0.47 -0.01	55.52 0.33 -0.01	45.35 0.23 0.00	38.69 0.19 0.00	36.81 0.11 -0.01	36.35 0.11 -0.01	37.41 0.11 -0.01	38.37 0.08 -0.01	38.74 0.04 0.00	43.15 0.04 0.00	47.86 -0.05 -0.01	53.97 0.27 0.00	59.91 0.42 0.00	54.19 0.38 0.00	47.71 0.19 0.00	44.17 0.18 0.00	39.43 0.20 0.00
NUMBER_THREE_WT_PWR 323818	46.18 0.36 0.00	42.49 0.42 0.00	39.94 0.40 0.00	40.17 0.51 0.00	41.32 0.45 0.00	44.15 0.39 0.00	54.18 0.85 0.00	67.99 1.14 0.00	55.29 0.11 0.00	44.31 -0.81 0.00	37.49 -1.00 0.00	35.71 -0.99 0.00	35.18 -1.05 0.00	35.91 -1.38 0.00	37.25 -1.03 0.00	38.00 -0.70 0.00	42.50 -0.60 0.00	47.71 -0.19 0.00	53.81 0.11 0.00	60.03 0.53 0.00	54.19 0.38 0.00	48.09 0.57 0.00	44.57 0.57 0.00	39.74 0.51 0.00
NYISO_LBMP_REFERENCE 24008	45.82 0.00 0.00	42.07 0.00 0.00	39.55 0.00 0.00	39.66 0.00 0.00	40.87 0.00 0.00	43.76 0.00 0.00	53.33 0.00 0.00	66.85 0.00 0.00	55.18 0.00 0.00	45.12 0.00 0.00	38.49 0.00 0.00	36.69 0.00 0.00	36.23 0.00 0.00	37.29 0.00 0.00	38.28 0.00 0.00	38.70 0.00 0.00	43.11 0.00 0.00	47.90 0.00 0.00	53.70 0.00 0.00	59.49 0.00 0.00	53.81 0.00 0.00	47.52 0.00 0.00	44.00 0.00 0.00	39.23 0.00 0.00

NYPA_BRENTWD____GT 24164	47.97 2.15 0.00	43.92 1.85 0.00	40.93 1.38 0.00	40.97 1.31 0.00	42.14 1.27 0.00	45.46 1.70 0.00	55.52 2.19 0.00	70.13 3.27 0.00	58.18 2.81 -0.19	50.24 3.20 -1.92	41.54 3.04 -0.01	39.41 2.72 0.00	39.14 2.90 -0.01	40.17 2.87 0.00	40.96 2.68 0.00	41.56 2.86 0.00	47.66 3.36 -1.19	53.83 3.59 -2.34	60.03 4.03 -2.30	65.36 4.46 -1.40	58.07 3.82 -0.44	50.96 3.28 -0.17	47.22 3.21 -0.01	41.86 2.63 0.00
NYPA_GOWANUS____GT5 24156	47.84 2.01 -0.01	43.88 1.81 -0.01	40.97 1.42 0.00	40.97 1.31 0.00	42.18 1.31 0.00	45.42 1.66 0.00	55.09 1.76 0.00	69.13 2.27 0.00	57.63 2.26 -0.19	49.80 2.75 -1.92	40.92 2.43 0.00	38.93 2.24 0.00	38.66 2.43 0.00	39.75 2.46 0.00	40.77 2.49 0.00	41.33 2.63 0.00	47.14 2.84 -1.19	53.02 2.78 -2.35	58.68 2.68 -2.29	63.69 2.80 -1.40	56.55 2.31 -0.43	50.15 2.47 -0.16	46.42 2.42 0.00	41.32 2.08 -0.01
NYPA_GOWANUS____GT6 24157	47.84 2.01 -0.01	43.88 1.81 -0.01	40.97 1.42 0.00	40.97 1.31 0.00	42.18 1.31 0.00	45.42 1.66 0.00	55.09 1.76 0.00	69.13 2.27 0.00	57.63 2.26 -0.19	49.80 2.75 -1.92	40.92 2.43 0.00	38.93 2.24 0.00	38.66 2.43 0.00	39.75 2.46 0.00	40.77 2.49 0.00	41.33 2.63 0.00	47.14 2.84 -1.19	53.02 2.78 -2.35	58.68 2.68 -2.29	63.69 2.80 -1.40	56.55 2.31 -0.43	50.15 2.47 -0.16	46.42 2.42 0.00	41.32 2.08 -0.01
NYPA_HARLEM__RVR__GT1 24160	47.47 1.65 -0.01	43.59 1.51 -0.01	40.77 1.23 0.00	40.77 1.11 0.00	41.97 1.10 0.00	45.11 1.36 0.00	55.04 1.71 0.00	68.98 2.14 0.01	57.57 2.21 -0.19	49.51 2.48 -1.92	40.68 2.19 0.01	38.70 2.02 0.01	38.43 2.21 0.01	39.48 2.20 0.01	40.53 2.26 0.01	41.05 2.36 0.01	46.87 2.59 -1.18	52.77 2.54 -2.34	58.51 2.52 -2.28	63.50 2.61 -1.39	56.39 2.15 -0.42	49.76 2.09 -0.15	46.15 2.16 0.00	41.09 1.84 -0.01
NYPA_HARLEM__RVR__GT2 24161	47.47 1.65 -0.01	43.59 1.51 -0.01	40.77 1.23 0.00	40.77 1.11 0.00	41.97 1.10 0.00	45.11 1.36 0.00	55.04 1.71 0.00	68.98 2.14 0.01	57.57 2.21 -0.19	49.51 2.48 -1.92	40.68 2.19 0.01	38.70 2.02 0.01	38.43 2.21 0.01	39.48 2.20 0.01	40.53 2.26 0.01	41.05 2.36 0.01	46.87 2.59 -1.18	52.77 2.54 -2.34	58.51 2.52 -2.28	63.50 2.61 -1.39	56.39 2.15 -0.42	49.76 2.09 -0.15	46.15 2.16 0.00	41.09 1.84 -0.01
NYPA_KENT____GT 24152	47.70 1.88 -0.01	43.76 1.68 -0.01	40.89 1.35 0.00	40.93 1.27 0.00	42.10 1.22 0.00	45.33 1.57 0.00	55.20 1.87 0.00	69.25 2.40 0.00	57.74 2.37 -0.19	49.80 2.75 -1.92	40.88 2.39 0.00	38.90 2.20 0.00	38.62 2.39 0.00	39.72 2.42 0.00	40.73 2.45 0.00	41.25 2.55 0.00	47.09 2.80 -1.19	53.02 2.78 -2.35	58.73 2.74 -2.29	63.75 2.86 -1.40	56.61 2.37 -0.43	50.10 2.42 -0.16	46.33 2.33 0.00	41.24 2.00 -0.01
NYPA_POUCH1____GT 24155	47.79 1.97 -0.01	43.84 1.77 -0.01	40.93 1.38 0.00	40.93 1.27 0.00	42.14 1.27 0.00	45.38 1.62 0.00	54.27 1.44 0.50	66.26 1.87 2.46	55.15 1.93 1.95	49.70 2.66 -1.92	40.88 2.39 0.00	38.86 2.16 0.00	38.62 2.39 0.00	39.68 2.39 0.00	40.73 2.45 0.00	41.29 2.59 0.00	47.06 2.76 -1.19	52.88 2.63 -2.35	56.27 2.36 -0.20	62.29 2.50 -0.30	56.08 2.04 -0.22	50.10 2.42 -0.16	46.33 2.33 0.00	41.32 2.08 -0.01
NYPA_VERNON____GT2 24162	47.57 1.74 -0.01	43.68 1.60 -0.01	40.85 1.30 0.00	40.85 1.19 0.00	42.01 1.14 0.00	45.29 1.53 0.00	55.25 1.92 0.00	69.39 2.54 0.00	57.86 2.49 -0.19	49.75 2.71 -1.92	40.84 2.35 0.00	38.86 2.16 0.00	38.58 2.35 0.00	39.68 2.39 0.00	40.69 2.41 0.00	41.21 2.51 0.00	47.06 2.76 -1.19	53.02 2.78 -2.35	58.79 2.79 -2.29	63.81 2.91 -1.40	56.67 2.42 -0.43	50.01 2.33 -0.16	46.28 2.29 0.00	41.16 1.92 -0.01
NYPA_VERNON____GT3 24163	47.57 1.74 -0.01	43.68 1.60 -0.01	40.85 1.30 0.00	40.85 1.19 0.00	42.01 1.14 0.00	45.29 1.53 0.00	55.25 1.92 0.00	69.39 2.54 0.00	57.86 2.49 -0.19	49.75 2.71 -1.92	40.84 2.35 0.00	38.86 2.16 0.00	38.58 2.35 0.00	39.68 2.39 0.00	40.69 2.41 0.00	41.21 2.51 0.00	47.06 2.76 -1.19	53.02 2.78 -2.35	58.79 2.79 -2.29	63.81 2.91 -1.40	56.67 2.42 -0.43	50.01 2.33 -0.16	46.28 2.29 0.00	41.16 1.92 -0.01
NYPA__ASTORIA_CC1 323568	47.56 1.74 -0.01	43.67 1.60 -0.01	40.81 1.27 0.00	40.85 1.19 0.00	42.01 1.14 0.00	45.25 1.49 0.00	55.25 1.92 0.00	69.33 2.47 0.00	57.86 2.49 -0.19	49.75 2.71 -1.92	40.84 2.35 0.00	38.86 2.16 0.00	38.58 2.35 0.00	39.64 2.35 0.00	40.69 2.41 0.00	41.21 2.51 0.00	47.01 2.72 -1.19	52.97 2.73 -2.35	58.73 2.74 -2.29	63.75 2.86 -1.40	56.61 2.37 -0.43	50.01 2.33 -0.16	46.28 2.29 0.00	41.12 1.88 -0.01
NYPA__ASTORIA_CC2 323569	47.56 1.74 -0.01	43.67 1.60 -0.01	40.81 1.27 0.00	40.85 1.19 0.00	42.01 1.14 0.00	45.25 1.49 0.00	55.25 1.92 0.00	69.33 2.47 0.00	57.86 2.49 -0.19	49.75 2.71 -1.92	40.84 2.35 0.00	38.86 2.16 0.00	38.58 2.35 0.00	39.64 2.35 0.00	40.69 2.41 0.00	41.21 2.51 0.00	47.01 2.72 -1.19	52.97 2.73 -2.35	58.73 2.74 -2.29	63.75 2.86 -1.40	56.61 2.37 -0.43	50.01 2.33 -0.16	46.28 2.29 0.00	41.12 1.88 -0.01
NYPA__HOLTSVILL 23794	47.60 1.79 0.00	43.58 1.51 0.00	40.62 1.07 0.00	40.65 0.99 0.00	41.81 0.94 0.00	45.11 1.36 0.00	55.14 1.81 0.00	69.72 2.87 0.00	57.80 2.43 -0.19	49.88 2.84 -1.92	41.35 2.85 -0.01	39.22 2.53 0.00	38.96 2.72 -0.01	39.98 2.69 0.00	40.73 2.45 0.00	41.33 2.63 0.00	47.41 3.11 -1.19	53.64 3.40 -2.34	59.81 3.81 -2.30	65.12 4.22 -1.40	57.86 3.61 -0.43	50.77 3.09 -0.17	47.00 2.99 -0.01	41.67 2.43 0.00
NYPA__HELLGATE_GT1 24158	47.47 1.65 -0.01	43.59 1.51 -0.01	40.77 1.23 0.00	40.77 1.11 0.00	41.97 1.10 0.00	45.11 1.36 0.00	55.04 1.71 0.00	68.98 2.14 0.01	57.57 2.21 -0.19	49.51 2.48 -1.92	40.68 2.19 0.01	38.70 2.02 0.01	38.43 2.21 0.01	39.48 2.20 0.01	40.53 2.26 0.01	41.05 2.36 0.01	46.87 2.59 -1.18	52.77 2.54 -2.34	58.51 2.52 -2.28	63.50 2.61 -1.39	56.39 2.15 -0.42	49.76 2.09 -0.15	46.15 2.16 0.00	41.09 1.84 -0.01
NYPA__HELLGATE_GT2 24159	47.47 1.65 -0.01	43.59 1.51 -0.01	40.77 1.23 0.00	40.77 1.11 0.00	41.97 1.10 0.00	45.11 1.36 0.00	55.04 1.71 0.00	68.98 2.14 0.01	57.57 2.21 -0.19	49.51 2.48 -1.92	40.68 2.19 0.01	38.70 2.02 0.01	38.43 2.21 0.01	39.48 2.20 0.01	40.53 2.26 0.01	41.05 2.36 0.01	46.87 2.59 -1.18	52.77 2.54 -2.34	58.51 2.52 -2.28	63.50 2.61 -1.39	56.39 2.15 -0.42	49.76 2.09 -0.15	46.15 2.16 0.00	41.09 1.84 -0.01
NYS_BARGE__HYD 23848	43.02 -2.80 0.00	39.29 -2.78 0.00	36.98 -2.57 0.00	37.00 -2.66 0.00	38.01 -2.86 0.00	39.91 -3.85 0.00	47.09 -6.24 0.00	58.28 -8.56 0.02	47.96 -7.17 0.04	39.83 -5.05 0.24	34.14 -4.35 0.00	32.16 -4.33 0.21	31.72 -4.49 0.02	32.50 -4.77 0.02	31.26 -4.40 2.62	30.84 -4.45 3.40	35.42 -5.22 2.46	41.14 -6.32 0.44	46.71 -6.71 0.28	52.54 -6.78 0.17	47.95 -5.81 0.05	41.65 -5.85 0.02	38.81 -5.19 0.00	35.39 -3.84 0.00

OAK ORCHARD__HYD 24046	45.13 -0.69 0.00	41.27 -0.80 0.00	38.79 -0.75 0.00	38.91 -0.75 0.00	40.09 -0.78 0.00	42.71 -1.05 0.00	51.46 -1.87 0.00	64.30 -2.54 0.01	52.69 -2.48 0.01	43.72 -1.40 0.00	37.30 -1.19 0.00	35.55 -1.14 0.01	34.88 -1.34 0.01	35.75 -1.53 0.01	36.69 -1.57 0.02	37.19 -1.51 0.00	41.38 -1.73 0.00	45.71 -2.20 -0.02	51.77 -1.93 0.00	57.59 -1.91 0.00	52.25 -1.56 0.00	45.67 -1.85 0.00	42.33 -1.67 0.00	37.98 -1.26 0.00
OAKDALE__35_KV_LOAD 356122	45.91 0.09 0.00	42.03 -0.04 0.00	39.51 -0.04 0.00	39.54 -0.12 0.00	40.75 -0.12 0.00	43.58 -0.18 0.00	52.96 -0.37 0.00	66.05 -0.80 0.00	54.41 -0.72 0.05	44.11 -0.50 0.51	38.03 -0.46 0.00	36.22 -0.48 0.00	35.72 -0.51 0.00	36.81 -0.48 0.00	37.82 -0.46 0.00	38.27 -0.43 0.00	42.31 -0.47 0.32	46.62 -0.62 0.65	52.61 -0.48 0.61	58.76 -0.36 0.37	53.38 -0.32 0.11	47.05 -0.43 0.04	43.60 -0.40 0.00	39.00 -0.24 0.00
OCC_CHEM__DRP 24175	43.11 -2.70 0.00	39.33 -2.73 0.00	37.06 -2.49 0.00	37.00 -2.66 0.00	38.05 -2.82 0.00	39.60 -4.16 0.00	46.45 -6.88 0.00	57.34 -9.49 0.02	47.02 -8.11 0.04	39.28 -5.59 0.25	33.80 -4.70 0.00	31.40 -5.06 0.23	31.36 -4.85 0.02	32.20 -5.07 0.02	30.40 -4.94 2.94	29.89 -4.99 3.82	34.54 -5.82 2.75	40.20 -7.28 0.42	45.89 -7.52 0.29	52.00 -7.32 0.18	47.30 -6.46 0.05	41.08 -6.42 0.02	38.19 -5.81 0.00	35.15 -4.08 0.00
OH_GEN_PROXY 24063	43.07 -2.75 0.00	38.55 -2.82 0.70	36.98 -2.57 0.00	37.00 -2.66 0.00	38.01 -2.86 0.00	39.95 -3.81 0.00	45.26 -6.19 1.88	58.27 -8.56 0.02	47.80 -7.34 0.04	40.00 -4.87 0.25	34.30 -4.19 0.00	32.30 -4.18 0.21	31.90 -4.31 0.02	32.69 -4.59 0.02	31.00 -4.63 2.65	30.50 -4.76 3.44	35.10 -5.52 2.49	40.93 -6.56 0.41	46.80 -6.61 0.29	52.59 -6.72 0.18	48.00 -5.76 0.05	41.70 -5.80 0.02	38.85 -5.15 0.00	35.47 -3.77 0.00
OLIN_CORP_DRP 24177	42.38 -3.44 0.00	38.70 -3.37 0.00	36.42 -3.12 0.00	36.41 -3.25 0.00	37.44 -3.43 0.00	39.25 -4.51 0.00	46.24 -7.09 0.00	57.14 -9.69 0.02	46.80 -8.33 0.04	39.01 -5.87 0.25	33.53 -4.97 0.00	31.22 -5.25 0.23	31.14 -5.07 0.02	31.98 -5.30 0.02	30.47 -4.90 2.91	30.04 -4.88 3.78	34.69 -5.69 2.73	40.57 -6.90 0.43	45.62 -7.79 0.29	51.76 -7.56 0.18	47.09 -6.67 0.05	40.85 -6.65 0.02	37.97 -6.03 0.00	34.84 -4.39 0.00
OLIN_CORP_DSASP 323712	43.11 -2.70 0.00	39.33 -2.73 0.00	37.06 -2.49 0.00	37.00 -2.66 0.00	38.05 -2.82 0.00	39.60 -4.16 0.00	46.45 -6.88 0.00	57.34 -9.49 0.02	47.02 -8.11 0.04	39.28 -5.59 0.25	33.80 -4.70 0.00	31.40 -5.06 0.23	31.36 -4.85 0.02	32.20 -5.07 0.02	30.40 -4.94 2.94	29.89 -4.99 3.82	34.54 -5.82 2.75	40.20 -7.28 0.42	45.89 -7.52 0.29	52.00 -7.32 0.18	47.30 -6.46 0.05	41.08 -6.42 0.02	38.19 -5.81 0.00	35.15 -4.08 0.00
ONEIDA_HERK_LFGE 323681	46.41 0.59 0.00	42.61 0.55 0.00	40.06 0.51 0.00	40.22 0.55 0.00	41.40 0.53 0.00	44.37 0.61 0.00	54.29 0.96 0.00	68.19 1.34 0.00	55.89 0.72 0.00	45.21 0.09 0.00	38.34 -0.15 0.00	36.55 -0.15 0.00	36.05 -0.18 0.00	36.96 -0.34 0.00	38.17 -0.11 0.00	38.74 0.04 0.00	43.28 0.17 0.00	48.38 0.48 0.00	54.40 0.70 0.00	60.44 0.95 0.00	54.57 0.75 0.00	48.28 0.76 0.00	44.70 0.70 0.00	39.86 0.63 0.00
ONEIDA__115KV_TB4 55905	46.96 1.15 0.00	43.04 0.97 0.00	40.46 0.91 0.00	40.57 0.91 0.00	41.81 0.94 0.00	44.81 1.05 0.00	54.77 1.44 0.00	68.72 1.87 0.00	56.61 1.43 0.00	45.98 0.86 0.00	39.07 0.58 0.00	37.21 0.51 0.00	36.70 0.47 0.00	37.78 0.48 0.00	38.89 0.61 0.00	39.39 0.70 0.00	43.97 0.86 0.00	48.76 0.86 0.00	54.83 1.13 0.00	60.80 1.31 0.00	55.00 1.18 0.00	48.52 1.00 0.00	44.88 0.88 0.00	39.98 0.75 0.00
ONONDAGA_REF_OCCRA 23987	45.91 0.09 0.00	42.07 0.00 0.00	39.55 0.00 0.00	39.62 -0.04 0.00	40.87 0.00 0.00	43.71 -0.04 0.00	53.28 -0.05 0.00	66.79 -0.07 0.00	55.13 -0.06 0.00	45.07 -0.05 0.00	38.46 -0.04 0.00	36.63 -0.07 0.00	36.16 -0.07 0.00	37.22 -0.07 0.00	38.17 -0.11 -0.01	38.58 -0.12 0.00	42.98 -0.13 0.00	47.62 -0.29 -0.01	53.60 -0.11 0.00	59.44 -0.06 0.00	53.76 -0.05 0.00	47.38 -0.14 0.00	43.82 -0.18 0.00	39.08 -0.16 0.00
ONONDAGA__COGEN 23986	46.00 0.18 0.00	42.15 0.08 0.00	39.59 0.04 0.00	39.70 0.04 0.00	40.95 0.08 0.00	43.80 0.04 0.00	53.33 0.00 0.00	66.92 0.07 0.00	55.18 0.00 0.00	45.16 0.05 0.00	38.53 0.04 0.00	36.69 0.00 0.00	36.23 0.00 0.00	37.29 0.00 0.00	38.24 -0.04 0.00	38.62 -0.08 0.00	43.06 -0.04 0.00	47.71 -0.19 0.00	53.70 0.00 0.00	59.55 0.06 0.00	53.87 0.05 0.00	47.47 -0.05 0.00	43.91 -0.09 0.00	39.19 -0.04 0.00
ONTARIO__LFGE 23819	46.14 0.32 0.00	42.19 0.13 0.00	39.63 0.08 0.00	39.74 0.08 0.00	41.03 0.16 0.00	43.76 0.00 0.00	52.85 -0.48 0.00	65.89 -0.94 0.02	54.14 -0.99 0.05	44.49 -0.41 0.22	38.03 -0.46 0.00	36.24 -0.55 -0.10	35.56 -0.65 0.02	36.56 -0.71 0.02	39.12 -0.77 -1.60	40.00 -0.85 -2.15	43.57 -0.86 -1.33	46.50 -1.10 0.30	52.80 -0.64 0.27	58.44 -0.89 0.16	53.28 -0.49 0.05	46.88 -0.62 0.02	43.47 -0.53 0.00	38.96 -0.27 0.00
ORANGEVILLE_WT_PWR 323706	44.21 -1.60 0.00	40.34 -1.73 0.00	37.92 -1.62 0.00	37.96 -1.70 0.00	39.03 -1.84 0.00	41.18 -2.58 0.00	48.96 -4.37 0.00	60.67 -6.15 0.03	49.72 -5.41 0.06	40.59 -4.24 0.29	34.72 -3.77 0.00	31.99 -3.89 0.82	32.18 -4.02 0.03	33.05 -4.21 0.03	23.23 -4.21 10.83	20.00 -4.53 14.17	28.29 -5.00 9.82	41.79 -5.65 0.45	47.99 -5.37 0.34	54.11 -5.18 0.21	49.50 -4.25 0.06	43.22 -4.28 0.02	40.21 -3.78 0.00	36.53 -2.71 0.00
ORANGEVILLE__ESR 323794	44.21 -1.60 0.00	40.34 -1.73 0.00	37.92 -1.62 0.00	37.96 -1.70 0.00	39.03 -1.84 0.00	41.18 -2.58 0.00	48.96 -4.37 0.00	60.67 -6.15 0.03	49.72 -5.41 0.06	40.59 -4.24 0.29	34.72 -3.77 0.00	31.99 -3.89 0.82	32.18 -4.02 0.03	33.05 -4.21 0.03	23.23 -4.21 10.83	20.00 -4.53 14.17	28.29 -5.00 9.82	41.79 -5.65 0.45	47.99 -5.37 0.34	54.11 -5.18 0.21	49.50 -4.25 0.06	43.22 -4.28 0.02	40.21 -3.78 0.00	36.53 -2.71 0.00
OSWEGATCHIE__HYD 24044	45.36 -0.46 0.00	41.65 -0.42 0.00	39.15 -0.40 0.00	39.42 -0.24 0.00	40.50 -0.37 0.00	43.23 -0.52 0.00	52.90 -0.43 0.00	66.31 -0.54 0.00	54.02 -1.16 0.00	43.54 -1.58 0.00	36.99 -1.50 0.00	35.30 -1.39 0.00	34.78 -1.45 0.00	35.65 -1.64 0.00	36.75 -1.53 0.00	37.46 -1.24 0.00	41.77 -1.34 0.00	46.65 -1.25 0.00	52.26 -1.45 0.00	58.31 -1.19 0.00	52.63 -1.18 0.00	47.14 -0.38 0.00	43.60 -0.40 0.00	39.00 -0.23 0.00
OSWEGO__5 23606	45.08 -0.73 0.00	41.35 -0.72 0.00	38.87 -0.67 0.00	38.95 -0.71 0.00	40.18 -0.70 0.00	42.97 -0.79 0.00	52.31 -1.01 0.00	65.51 -1.34 0.00	54.08 -1.10 0.00	44.26 -0.86 0.00	37.76 -0.73 0.00	36.00 -0.70 0.00	35.51 -0.72 0.00	36.55 -0.75 0.00	37.51 -0.77 0.00	37.92 -0.77 0.00	42.24 -0.86 0.00	46.84 -1.05 0.00	52.68 -1.02 0.00	58.36 -1.13 0.00	52.85 -0.97 0.00	46.57 -0.95 0.00	43.12 -0.88 0.00	38.49 -0.75 0.00

OSWEGO___6 23613	45.08 -0.73 0.00	41.35 -0.72 0.00	38.87 -0.67 0.00	38.95 -0.71 0.00	40.18 -0.70 0.00	42.97 -0.79 0.00	52.31 -1.01 0.00	65.51 -1.34 0.00	54.08 -1.10 0.00	44.26 -0.86 0.00	37.76 -0.73 0.00	36.00 -0.70 0.00	35.51 -0.72 0.00	36.55 -0.75 0.00	37.51 -0.77 0.00	37.92 -0.77 0.00	42.24 -0.86 0.00	46.84 -1.05 0.00	52.68 -1.02 0.00	58.36 -1.13 0.00	52.85 -0.97 0.00	46.57 -0.95 0.00	43.12 -0.88 0.00	38.49 -0.75 0.00
OUTOKUMPU-AB___DRP 24206	43.57 -2.24 0.00	39.75 -2.31 0.00	37.37 -2.18 0.00	37.36 -2.30 0.00	38.42 -2.45 0.00	40.21 -3.54 0.00	47.41 -5.92 0.00	58.68 -8.16 0.02	48.02 -7.12 0.04	39.91 -4.96 0.25	34.30 -4.20 0.00	31.98 -4.48 0.24	31.90 -4.31 0.02	32.80 -4.48 0.02	30.86 -4.36 3.06	30.20 -4.53 3.97	34.99 -5.26 2.85	41.10 -6.37 0.43	46.80 -6.61 0.30	53.07 -6.25 0.18	48.27 -5.49 0.06	41.89 -5.61 0.02	38.94 -5.06 0.00	35.70 -3.53 0.00
OXBOW___BTM 323836	43.39 -2.43 0.00	39.59 -2.48 0.00	37.25 -2.29 0.00	37.28 -2.38 0.00	38.25 -2.62 0.00	39.95 -3.81 0.00	46.98 -6.35 0.00	58.01 -8.83 0.02	47.58 -7.56 0.04	39.82 -5.05 0.25	34.14 -4.35 0.00	32.13 -4.33 0.24	31.75 -4.46 0.02	32.50 -4.77 0.02	30.73 -4.56 3.00	30.16 -4.64 3.89	34.83 -5.48 2.80	40.72 -6.75 0.42	46.59 -6.82 0.29	52.42 -6.90 0.18	47.84 -5.92 0.05	41.56 -5.94 0.02	38.72 -5.28 0.00	35.47 -3.77 0.00
OXBOW___ 24026	43.39 -2.43 0.00	39.59 -2.48 0.00	37.25 -2.29 0.00	37.20 -2.46 0.00	38.25 -2.62 0.00	39.95 -3.81 0.00	46.98 -6.35 0.00	58.07 -8.76 0.02	47.57 -7.56 0.04	39.64 -5.23 0.25	34.07 -4.43 0.00	31.72 -4.73 0.24	31.65 -4.57 0.02	32.54 -4.74 0.02	30.65 -4.63 3.00	30.08 -4.72 3.89	34.79 -5.52 2.80	40.67 -6.80 0.42	46.37 -7.04 0.29	52.59 -6.72 0.18	47.84 -5.92 0.05	41.56 -5.94 0.02	38.59 -5.41 0.00	35.47 -3.77 0.00
OXY_CHEM_DSASP 323612	43.11 -2.70 0.00	39.33 -2.73 0.00	37.06 -2.49 0.00	37.00 -2.66 0.00	38.05 -2.82 0.00	39.60 -4.16 0.00	46.45 -6.88 0.00	57.34 -9.49 0.02	47.02 -8.11 0.04	39.28 -5.59 0.25	33.80 -4.70 0.00	31.40 -5.06 0.23	31.36 -4.85 0.02	32.20 -5.07 0.02	30.40 -4.94 2.94	29.89 -4.99 3.82	34.54 -5.82 2.75	40.20 -7.28 0.42	45.89 -7.52 0.29	52.00 -7.32 0.18	47.30 -6.46 0.05	41.08 -6.42 0.02	38.19 -5.81 0.00	35.15 -4.08 0.00
OZONE_PARK_ESR 323760	47.60 1.79 0.00	43.67 1.60 0.00	40.85 1.31 0.00	40.89 1.23 0.00	42.06 1.19 0.00	45.33 1.58 0.00	55.62 2.29 0.00	69.99 3.14 0.00	58.24 2.87 -0.19	49.93 2.89 -1.92	40.96 2.46 0.00	39.04 2.35 0.00	38.66 2.43 0.00	39.72 2.42 0.00	40.81 2.53 0.00	41.29 2.59 0.00	47.14 2.84 -1.19	53.22 2.97 -2.35	59.06 3.06 -2.29	64.23 3.33 -1.40	57.04 2.80 -0.43	50.24 2.57 -0.16	46.42 2.42 0.00	41.16 1.92 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	43.11 -2.70 0.00	39.33 -2.73 0.00	37.06 -2.49 0.00	37.00 -2.66 0.00	38.05 -2.82 0.00	39.60 -4.16 0.00	46.45 -6.88 0.00	57.34 -9.49 0.02	47.02 -8.11 0.04	39.28 -5.59 0.25	33.80 -4.70 0.00	31.40 -5.06 0.23	31.36 -4.85 0.02	32.20 -5.07 0.02	30.40 -4.94 2.94	29.89 -4.99 3.82	34.54 -5.82 2.75	40.20 -7.28 0.42	45.89 -7.52 0.29	52.00 -7.32 0.18	47.30 -6.46 0.05	41.08 -6.42 0.02	38.19 -5.81 0.00	35.15 -4.08 0.00
PACKARD___115KV_DUPONT_184 80571	43.11 -2.70 0.00	39.33 -2.73 0.00	37.06 -2.49 0.00	37.08 -2.58 0.00	38.05 -2.82 0.00	39.60 -4.16 0.00	46.45 -6.88 0.00	57.27 -9.56 0.02	46.91 -8.22 0.04	39.46 -5.42 0.25	33.87 -4.62 0.00	31.84 -4.62 0.23	31.43 -4.78 0.02	32.20 -5.07 0.02	30.48 -4.86 2.94	29.96 -4.92 3.82	34.58 -5.78 2.75	40.25 -7.23 0.41	46.11 -7.30 0.29	51.82 -7.50 0.18	47.30 -6.46 0.05	41.08 -6.42 0.02	38.32 -5.68 0.00	35.15 -4.08 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	47.52 1.70 -0.01	43.63 1.56 -0.01	40.85 1.31 0.00	40.85 1.19 0.00	42.01 1.14 0.00	45.16 1.40 0.00	55.09 1.76 0.00	69.06 2.21 0.00	57.52 2.15 -0.19	49.57 2.53 -1.92	40.69 2.19 0.00	38.79 2.09 0.00	38.44 2.21 0.00	39.49 2.20 0.00	40.54 2.26 0.00	41.06 2.36 0.00	46.84 2.54 -1.19	52.78 2.54 -2.35	58.47 2.47 -2.29	63.45 2.56 -1.40	56.34 2.10 -0.43	49.82 2.14 -0.16	46.20 2.20 0.00	41.08 1.84 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	48.11 2.29 -0.01	44.18 2.10 -0.01	41.33 1.78 0.00	41.33 1.67 0.00	42.55 1.68 0.00	45.73 1.97 0.00	55.78 2.45 0.00	69.86 3.01 0.00	58.19 2.81 -0.19	50.07 3.02 -1.92	41.07 2.58 0.00	39.15 2.46 0.00	38.77 2.54 0.00	39.79 2.50 0.00	40.84 2.56 0.00	41.37 2.67 0.00	47.23 2.93 -1.19	53.21 2.97 -2.35	58.95 2.95 -2.29	64.05 3.15 -1.40	56.93 2.69 -0.43	50.29 2.61 -0.16	46.64 2.64 0.00	41.52 2.28 -0.01
PATROON___115KV_TB1 80586	46.18 0.37 0.00	42.53 0.46 0.00	40.02 0.47 0.00	40.14 0.48 0.00	41.24 0.37 0.00	44.28 0.53 0.00	54.08 0.75 0.00	67.85 1.00 0.00	56.26 1.05 -0.04	46.08 0.59 -0.37	39.03 0.54 0.00	37.17 0.48 0.00	36.74 0.51 0.00	37.82 0.52 0.00	38.85 0.57 0.00	39.35 0.66 0.00	44.15 0.82 -0.23	49.31 0.96 -0.45	55.17 1.02 -0.44	60.78 1.01 -0.27	54.70 0.81 -0.08	48.26 0.71 -0.03	44.75 0.75 0.00	39.70 0.47 0.00
PATRSNVILLE___SOLAR 323815	46.96 1.15 0.00	43.16 1.09 0.00	40.54 0.99 0.00	40.65 0.99 0.00	41.85 0.98 0.00	44.94 1.18 0.00	55.04 1.71 0.00	68.85 2.00 0.00	56.59 1.38 -0.03	46.07 0.68 -0.27	38.92 0.42 0.00	37.10 0.40 0.00	36.74 0.51 0.00	37.89 0.59 0.00	39.01 0.73 0.00	39.55 0.85 0.00	44.35 1.08 -0.17	49.67 1.44 -0.33	55.75 1.72 -0.33	61.60 1.90 -0.20	55.55 1.67 -0.06	48.97 1.42 -0.02	45.27 1.28 0.00	40.21 0.98 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	43.94 -1.88 0.00	40.09 -1.98 0.00	37.65 -1.90 0.00	37.64 -2.02 0.00	38.66 -2.21 0.00	40.78 -2.98 0.00	48.42 -4.91 0.00	60.21 -6.62 0.02	49.50 -5.63 0.05	40.43 -4.42 0.27	34.68 -3.81 0.00	32.85 -3.60 0.25	32.62 -3.59 0.02	33.73 -3.54 0.02	31.71 -3.41 3.16	30.26 -4.33 4.10	35.11 -5.04 2.96	41.71 -5.75 0.44	47.48 -5.91 0.32	53.83 -5.47 0.20	48.97 -4.79 0.06	42.60 -4.89 0.02	39.55 -4.44 0.00	36.25 -2.98 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	47.60 1.79 0.00	43.71 1.64 0.00	40.89 1.34 0.00	40.97 1.31 0.00	42.10 1.23 0.00	45.29 1.53 0.00	55.62 2.29 0.00	69.93 3.08 0.00	57.77 2.54 -0.05	47.86 2.21 -0.53	40.30 1.81 0.00	38.49 1.80 0.00	38.12 1.88 0.00	39.20 1.90 0.00	40.19 1.91 0.00	40.79 2.09 0.00	45.81 2.37 -0.33	51.13 2.59 -0.65	57.08 2.74 -0.63	62.98 3.09 -0.39	56.52 2.58 -0.12	49.84 2.28 -0.04	46.11 2.11 0.00	40.96 1.73 0.00
PEEKSKILL___ 23653	46.91 1.10 0.00	43.08 1.01 0.00	40.34 0.79 0.00	40.41 0.75 0.00	41.56 0.69 0.00	44.72 0.96 0.00	54.82 1.49 0.00	68.93 2.07 0.00	57.31 1.93 -0.20	49.09 1.94 -2.03	40.15 1.65 0.00	38.24 1.54 0.00	37.93 1.70 0.00	39.01 1.72 0.00	40.00 1.72 0.00	40.52 1.82 0.00	46.38 2.03 -1.25	52.53 2.16 -2.48	58.32 2.20 -2.42	63.35 2.38 -1.47	56.20 1.93 -0.45	49.39 1.71 -0.17	45.67 1.67 0.00	40.57 1.33 0.00

PGE MADISON___WINDPWR 24146	48.84 3.02 0.00	44.68 2.61 0.00	41.96 2.41 0.00	42.16 2.50 0.00	43.49 2.62 0.00	46.64 2.89 0.00	57.17 3.84 0.00	71.76 4.88 -0.03	58.67 3.53 0.04	46.72 2.30 0.70	39.84 1.35 0.00	37.89 1.14 -0.06	37.16 0.91 -0.03	38.14 0.82 -0.03	39.87 1.07 -0.51	40.55 1.24 -0.62	44.78 1.68 0.01	49.04 1.96 0.83	55.72 2.85 0.83	62.38 3.39 0.51	56.67 3.01 0.16	50.03 2.57 0.06	46.29 2.29 0.00	41.39 2.16 0.00
PIERCEFIELD___HYD 23852	45.17 -0.64 0.00	41.48 -0.59 0.00	39.03 -0.51 0.00	39.34 -0.32 0.00	40.38 -0.49 0.00	43.01 -0.74 0.00	52.48 -0.85 0.00	65.65 -1.20 0.00	53.63 -1.54 0.00	43.54 -1.58 0.00	37.11 -1.39 0.00	35.37 -1.32 0.00	34.93 -1.30 0.00	35.88 -1.42 0.00	36.86 -1.42 0.00	37.46 -1.24 0.00	41.64 -1.47 0.00	46.46 -1.44 0.00	51.88 -1.83 0.00	57.65 -1.84 0.00	52.09 -1.72 0.00	46.95 -0.57 0.00	43.43 -0.57 0.00	38.96 -0.27 0.00
PINELAWN_CC_1 323563	47.74 1.92 0.00	43.71 1.64 0.00	40.77 1.23 0.00	40.77 1.11 0.00	41.93 1.06 0.00	45.25 1.49 0.00	55.30 1.97 0.00	69.86 3.01 0.00	57.97 2.59 -0.19	49.97 2.93 -1.92	41.28 2.77 -0.01	39.19 2.50 0.00	38.92 2.68 -0.01	39.94 2.65 0.00	40.77 2.49 0.00	41.36 2.67 0.00	47.41 3.11 -1.19	53.54 3.30 -2.34	59.65 3.65 -2.30	64.95 4.05 -1.40	57.70 3.45 -0.44	50.63 2.95 -0.17	46.91 2.90 -0.01	41.63 2.39 0.00
PJM_GEN_HTP_PROXY 323702	47.28 1.47 0.00	43.37 1.31 0.00	40.62 1.07 0.00	40.61 0.95 0.00	41.81 0.94 0.00	45.07 1.31 0.00	55.20 1.87 0.00	69.46 2.60 0.00	57.86 2.49 -0.19	49.53 2.48 -1.93	40.65 2.15 0.00	38.67 1.98 0.00	38.37 2.14 0.00	39.46 2.16 0.00	40.50 2.22 0.00	40.98 2.28 0.00	46.84 2.54 -1.19	52.88 2.63 -2.35	58.68 2.68 -2.30	63.81 2.91 -1.40	56.61 2.37 -0.43	49.82 2.14 -0.16	46.07 2.07 0.00	40.88 1.65 0.00
PJM_GEN_KEystone 24065	38.21 -0.73 6.87	37.00 -0.80 4.27	35.50 -0.83 3.21	36.16 -0.91 2.59	35.25 -1.02 4.60	39.60 -1.22 2.93	50.80 -1.81 0.72	64.26 -2.40 0.18	47.25 -1.88 6.05	40.25 -1.17 3.70	37.49 -1.00 0.00	35.38 -1.07 0.25	34.57 -0.98 0.68	33.76 -1.01 2.53	31.90 -1.00 5.38	34.07 -1.16 3.47	35.46 -1.38 6.26	37.10 -1.68 9.12	44.25 -1.67 7.79	50.66 -1.67 7.17	46.75 -1.51 5.56	39.25 -1.57 6.70	37.75 -1.36 4.88	33.96 -0.98 4.29
PJM_GEN_NEPTUNE_PROXY 323594	47.24 1.42 0.00	43.29 1.22 0.00	40.42 0.87 0.00	40.45 0.79 0.00	41.56 0.69 0.00	44.81 1.05 0.00	54.82 1.49 0.00	69.13 2.27 0.00	57.41 2.04 -0.19	49.52 2.48 -1.92	40.85 2.35 -0.01	38.82 2.13 0.00	38.56 2.32 -0.01	39.57 2.28 0.00	40.42 2.14 0.00	41.02 2.32 0.00	46.93 2.63 -1.19	52.97 2.73 -2.34	58.84 2.84 -2.30	64.05 3.15 -1.40	56.89 2.64 -0.43	50.01 2.33 -0.17	46.34 2.33 -0.01	41.15 1.92 0.00
PJM_GEN_VFT_PROXY 323633	47.01 1.19 0.00	43.16 1.09 0.00	40.37 0.83 0.01	40.40 0.75 0.01	41.56 0.69 0.01	44.80 1.05 0.01	54.42 1.60 0.50	66.66 2.27 2.47	55.43 2.21 1.96	49.34 2.30 -1.92	40.50 2.00 0.00	38.53 1.83 0.00	38.22 1.99 0.00	39.31 2.01 0.00	40.31 2.03 0.00	40.82 2.13 0.00	46.61 2.33 -1.18	52.63 2.39 -2.34	56.32 2.42 -0.20	62.34 2.56 -0.29	56.07 2.04 -0.21	49.62 1.95 -0.15	45.84 1.85 0.01	40.69 1.45 0.00
PLATSBURG_115KV_PMLD1 355749	46.92 1.10 0.00	43.12 1.05 0.00	40.65 1.11 0.00	41.01 1.35 0.00	42.55 1.68 0.00	45.42 1.66 0.00	55.30 1.97 0.00	69.26 2.41 0.00	56.94 1.77 0.00	46.47 1.35 0.00	39.69 1.19 0.00	37.80 1.10 0.00	37.32 1.09 0.00	38.41 1.12 0.00	39.31 1.03 0.00	39.86 1.16 0.00	43.67 0.56 0.00	48.62 0.72 0.00	54.19 0.48 0.00	60.15 0.65 0.00	54.51 0.70 0.00	48.52 1.00 0.00	44.88 0.88 0.00	40.25 1.02 0.00
PLEASANTVLY___LBMP 24000	46.78 0.96 0.00	42.95 0.88 0.00	40.26 0.71 0.00	40.33 0.67 0.00	41.48 0.61 0.00	44.63 0.88 0.00	54.66 1.33 0.00	68.72 1.87 0.00	56.99 1.71 -0.10	47.79 1.67 -1.00	39.96 1.46 0.00	38.13 1.43 0.00	37.72 1.49 0.00	38.78 1.49 0.00	39.81 1.53 0.00	40.28 1.59 0.00	45.49 1.77 -0.62	50.99 1.87 -1.23	56.78 1.88 -1.20	62.25 2.02 -0.73	55.71 1.67 -0.22	49.12 1.52 -0.08	45.49 1.50 0.00	40.37 1.14 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	47.01 1.19 0.00	43.20 1.14 0.00	40.46 0.91 0.00	40.53 0.87 0.00	41.65 0.78 0.00	44.89 1.14 0.00	54.98 1.65 0.00	69.12 2.27 0.00	57.41 2.10 -0.13	48.46 2.03 -1.31	40.27 1.77 0.00	38.42 1.72 0.00	38.01 1.78 0.00	39.08 1.79 0.00	40.12 1.84 0.00	40.59 1.90 0.00	46.03 2.11 -0.81	51.71 2.20 -1.61	57.53 2.26 -1.57	62.89 2.44 -0.96	56.15 2.04 -0.29	49.48 1.85 -0.11	45.76 1.76 0.00	40.61 1.37 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	47.01 1.19 0.00	43.20 1.14 0.00	40.46 0.91 0.00	40.53 0.87 0.00	41.65 0.78 0.00	44.89 1.14 0.00	54.98 1.65 0.00	69.12 2.27 0.00	57.41 2.10 -0.13	48.46 2.03 -1.31	40.27 1.77 0.00	38.42 1.72 0.00	38.01 1.78 0.00	39.08 1.79 0.00	40.12 1.84 0.00	40.59 1.90 0.00	46.03 2.11 -0.81	51.71 2.20 -1.61	57.53 2.26 -1.57	62.89 2.44 -0.96	56.15 2.04 -0.29	49.48 1.85 -0.11	45.76 1.76 0.00	40.61 1.37 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	47.14 1.33 0.00	43.29 1.22 0.00	40.58 1.03 0.00	40.69 1.03 0.00	41.81 0.94 0.00	44.98 1.23 0.00	55.20 1.87 0.00	69.12 2.27 0.00	57.22 2.04 0.00	46.83 1.71 0.00	39.92 1.42 0.00	38.09 1.39 0.00	37.68 1.45 0.00	38.75 1.45 0.00	39.81 1.53 0.00	40.32 1.63 0.00	44.96 1.85 0.00	49.91 2.01 0.00	55.91 2.20 0.00	61.87 2.38 0.00	55.75 1.94 0.00	49.23 1.71 0.00	45.63 1.63 0.00	40.53 1.29 0.00
POLETTI___ 23519	47.14 1.33 0.00	43.29 1.22 0.00	40.50 0.95 0.00	40.53 0.87 0.00	41.69 0.82 0.00	44.94 1.18 0.00	55.09 1.76 0.00	69.32 2.47 0.00	57.69 2.32 -0.19	49.48 2.44 -1.92	40.57 2.08 0.00	38.68 1.98 0.00	38.33 2.10 0.00	39.38 2.09 0.00	40.42 2.14 0.00	40.94 2.24 0.00	46.75 2.46 -1.19	52.74 2.49 -2.35	58.47 2.47 -2.29	63.57 2.68 -1.40	56.45 2.21 -0.43	49.77 2.09 -0.16	45.98 1.98 0.00	40.80 1.57 0.00
POMONA___ESR 323819	46.78 0.96 0.00	42.99 0.92 0.00	40.30 0.75 0.00	40.33 0.67 0.00	41.48 0.61 0.00	44.59 0.83 0.00	54.61 1.28 0.00	68.66 1.81 0.00	56.45 1.77 0.49	41.96 1.76 4.92	40.04 1.54 0.00	38.12 1.43 0.00	37.82 1.59 0.00	38.90 1.60 0.00	39.92 1.64 0.00	40.40 1.70 0.00	41.96 1.89 3.04	43.91 2.01 6.00	49.88 2.04 5.86	58.06 2.14 3.58	54.44 1.72 1.09	48.63 1.52 0.40	45.54 1.54 0.00	40.49 1.26 0.00
PORT_JEFF_3 23555	47.78 1.97 0.00	43.71 1.64 0.00	40.73 1.19 0.00	40.77 1.11 0.00	41.93 1.06 0.00	45.25 1.49 0.00	55.36 2.03 0.00	69.99 3.14 0.00	58.02 2.65 -0.19	50.06 3.02 -1.92	41.51 3.00 -0.01	39.34 2.64 0.00	39.07 2.83 -0.01	40.09 2.80 0.00	40.84 2.57 0.00	41.44 2.75 0.00	47.57 3.27 -1.19	53.83 3.59 -2.34	60.03 4.03 -2.30	65.42 4.52 -1.40	58.13 3.88 -0.43	50.96 3.28 -0.17	47.18 3.17 -0.01	41.82 2.59 0.00

PORT_JEFF_4 23616	47.78 1.97 0.00	43.71 1.64 0.00	40.73 1.19 0.00	40.77 1.11 0.00	41.93 1.06 0.00	45.25 1.49 0.00	55.36 2.03 0.00	69.99 3.14 0.00	58.02 2.65 -0.19	50.06 3.02 -1.92	41.51 3.00 -0.01	39.34 2.64 0.00	39.07 2.83 -0.01	40.09 2.80 0.00	40.84 2.57 0.00	41.44 2.75 0.00	47.57 3.27 -1.19	53.83 3.59 -2.34	60.03 4.03 -2.30	65.42 4.52 -1.40	58.13 3.88 -0.43	50.96 3.28 -0.17	47.18 3.17 -0.01	41.82 2.59 0.00
PORT_JEFF_IC 23713	47.79 1.97 0.00	43.71 1.64 0.00	40.73 1.19 0.00	40.77 1.11 0.00	41.93 1.06 0.00	45.24 1.49 0.00	55.46 2.13 0.00	69.99 3.14 0.00	57.91 2.54 -0.19	50.06 3.02 -1.92	41.54 3.04 -0.01	39.48 2.79 0.00	39.14 2.90 -0.01	40.13 2.83 0.00	41.15 2.87 0.00	41.48 2.79 0.00	47.58 3.28 -1.19	53.74 3.50 -2.34	60.19 4.19 -2.30	65.42 4.52 -1.40	58.18 3.93 -0.43	51.20 3.52 -0.17	47.26 3.26 -0.01	41.82 2.59 0.00
PPL_PILGRIM_ST_GT1 24216	47.97 2.15 0.00	43.92 1.85 0.00	40.93 1.38 0.00	40.97 1.31 0.00	42.14 1.27 0.00	45.46 1.70 0.00	55.52 2.19 0.00	70.13 3.27 0.00	58.18 2.81 -0.19	50.24 3.20 -1.92	41.54 3.04 -0.01	39.41 2.72 0.00	39.14 2.90 -0.01	40.17 2.87 0.00	40.96 2.68 0.00	41.56 2.86 0.00	47.66 3.36 -1.19	53.83 3.59 -2.34	60.03 4.03 -2.30	65.36 4.46 -1.40	58.07 3.82 -0.44	50.96 3.28 -0.17	47.22 3.21 -0.01	41.86 2.63 0.00
PPL_PILGRIM_ST_GT2 24217	47.97 2.15 0.00	43.92 1.85 0.00	40.93 1.38 0.00	40.97 1.31 0.00	42.14 1.27 0.00	45.46 1.70 0.00	55.52 2.19 0.00	70.13 3.27 0.00	58.18 2.81 -0.19	50.24 3.20 -1.92	41.54 3.04 -0.01	39.41 2.72 0.00	39.14 2.90 -0.01	40.17 2.87 0.00	40.96 2.68 0.00	41.56 2.86 0.00	47.66 3.36 -1.19	53.83 3.59 -2.34	60.03 4.03 -2.30	65.36 4.46 -1.40	58.07 3.82 -0.44	50.96 3.28 -0.17	47.22 3.21 -0.01	41.86 2.63 0.00
PPL_SHRM_GT3 24213	47.05 1.24 0.00	43.04 0.97 0.00	40.10 0.55 0.00	40.10 0.44 0.00	41.28 0.41 0.00	44.55 0.79 0.00	54.61 1.28 0.00	69.05 2.20 0.00	57.25 1.88 -0.19	49.34 2.30 -1.92	41.28 2.77 -0.01	39.08 2.38 0.00	38.81 2.57 -0.01	39.83 2.54 0.00	40.35 2.07 0.00	40.94 2.24 0.00	47.10 2.80 -1.19	53.64 3.40 -2.34	59.81 3.81 -2.30	65.00 4.10 -1.40	57.96 3.71 -0.43	50.77 3.09 -0.17	47.00 2.99 -0.01	41.55 2.31 0.00
PPL_SHRM_GT4 24214	47.05 1.24 0.00	43.04 0.97 0.00	40.10 0.55 0.00	40.10 0.44 0.00	41.28 0.41 0.00	44.55 0.79 0.00	54.61 1.28 0.00	69.05 2.20 0.00	57.25 1.88 -0.19	49.34 2.30 -1.92	41.28 2.77 -0.01	39.08 2.38 0.00	38.81 2.57 -0.01	39.83 2.54 0.00	40.35 2.07 0.00	40.94 2.24 0.00	47.10 2.80 -1.19	53.64 3.40 -2.34	59.81 3.81 -2.30	65.00 4.10 -1.40	57.96 3.71 -0.43	50.77 3.09 -0.17	47.00 2.99 -0.01	41.55 2.31 0.00
PROJECT___ORANGE 1 24174	45.77 -0.05 0.00	41.94 -0.13 0.00	39.39 -0.16 0.00	39.50 -0.16 0.00	40.75 -0.12 0.00	43.58 -0.18 0.00	53.06 -0.27 0.00	66.52 -0.33 0.00	54.90 -0.28 0.00	44.98 -0.14 0.00	38.38 -0.12 0.00	36.55 -0.15 0.00	36.09 -0.14 0.00	37.14 -0.15 0.00	38.09 -0.19 0.00	38.50 -0.19 0.00	42.89 -0.22 0.00	47.47 -0.43 0.00	53.38 -0.32 0.00	59.26 -0.24 0.00	53.60 -0.22 0.00	47.19 -0.33 0.00	43.65 -0.35 0.00	38.96 -0.27 0.00
PROJECT___ORANGE 2 24166	45.77 -0.05 0.00	41.94 -0.13 0.00	39.39 -0.16 0.00	39.50 -0.16 0.00	40.75 -0.12 0.00	43.58 -0.18 0.00	53.06 -0.27 0.00	66.52 -0.33 0.00	54.90 -0.28 0.00	44.98 -0.14 0.00	38.38 -0.12 0.00	36.55 -0.15 0.00	36.09 -0.14 0.00	37.14 -0.15 0.00	38.09 -0.19 0.00	38.50 -0.19 0.00	42.89 -0.22 0.00	47.47 -0.43 0.00	53.38 -0.32 0.00	59.26 -0.24 0.00	53.60 -0.22 0.00	47.19 -0.33 0.00	43.65 -0.35 0.00	38.96 -0.27 0.00
PUCKETT___SOLAR 323809	46.64 0.83 0.00	42.70 0.63 0.00	40.14 0.59 0.00	40.22 0.55 0.00	41.48 0.61 0.00	44.37 0.61 0.00	54.08 0.75 0.00	67.59 0.74 0.00	55.56 0.44 0.06	44.78 0.27 0.61	38.53 0.04 0.00	36.62 -0.07 0.00	36.12 -0.11 0.00	37.18 -0.11 0.00	38.28 0.00 0.00	38.74 0.04 0.00	42.90 0.17 0.38	47.33 0.19 0.76	53.57 0.59 0.73	59.77 0.72 0.45	54.33 0.65 0.14	47.85 0.38 0.05	44.35 0.35 0.00	39.67 0.43 0.00
PYRITES___HYD 24023	46.23 0.41 0.00	42.40 0.34 0.00	39.90 0.36 0.00	40.26 0.59 0.00	41.44 0.57 0.00	44.15 0.39 0.00	53.76 0.43 0.00	67.19 0.33 0.00	54.79 -0.39 0.00	44.40 -0.72 0.00	37.76 -0.73 0.00	36.00 -0.70 0.00	35.54 -0.69 0.00	36.55 -0.75 0.00	37.51 -0.77 0.00	38.19 -0.50 0.00	42.50 -0.60 0.00	47.42 -0.48 0.00	53.01 -0.70 0.00	59.02 -0.48 0.00	53.33 -0.48 0.00	47.95 0.43 0.00	44.35 0.35 0.00	39.82 0.59 0.00
QUAKERRD_115KV_BK1 80622	44.44 -1.37 0.00	40.64 -1.43 0.00	38.20 -1.34 0.00	38.31 -1.35 0.00	39.52 -1.35 0.00	42.14 -1.62 0.00	50.93 -2.40 0.00	63.70 -3.14 0.01	52.35 -2.81 0.01	43.18 -1.94 0.00	36.88 -1.62 0.00	34.96 -1.72 0.01	34.48 -1.74 0.01	35.46 -1.83 0.01	36.35 -1.91 0.02	36.80 -1.90 0.00	40.99 -2.11 0.00	45.37 -2.54 -0.01	51.18 -2.52 0.00	57.06 -2.44 0.00	51.66 -2.15 0.00	45.24 -2.28 0.00	41.89 -2.11 0.00	37.55 -1.69 0.00
QUENSBRY_115KV_TB8 356137	46.59 0.78 0.00	42.83 0.76 0.00	40.26 0.71 0.00	40.41 0.75 0.00	41.61 0.74 0.00	44.72 0.96 0.00	54.88 1.55 0.00	68.92 2.07 0.00	56.65 1.43 -0.03	46.16 0.72 -0.32	38.88 0.38 0.00	36.88 0.18 0.00	36.52 0.29 0.00	37.70 0.41 0.00	38.82 0.54 0.00	39.39 0.70 0.00	44.21 0.91 -0.20	49.63 1.34 -0.39	55.70 1.61 -0.38	61.39 1.67 -0.23	55.34 1.45 -0.07	48.73 1.19 -0.03	45.10 1.10 0.00	39.86 0.63 0.00
RAMAPO___LBMP 323565	46.64 0.82 0.00	42.83 0.76 0.00	40.18 0.63 0.00	40.22 0.56 0.00	41.32 0.45 0.00	44.46 0.70 0.00	54.45 1.12 0.00	68.46 1.60 0.00	56.19 1.49 0.48	41.95 1.62 4.79	39.92 1.42 0.00	38.09 1.39 0.00	37.72 1.49 0.00	38.75 1.45 0.00	39.77 1.49 0.00	40.28 1.59 0.00	41.87 1.72 2.96	43.81 1.77 5.85	49.76 1.77 5.72	57.91 1.90 3.49	54.26 1.51 1.07	48.55 1.43 0.39	45.41 1.41 0.00	40.33 1.10 0.00
RANKINE___ 23646	43.80 -2.02 0.00	39.92 -2.15 0.00	37.53 -2.02 0.00	37.48 -2.18 0.00	38.54 -2.33 0.00	40.56 -3.19 0.00	48.00 -5.33 0.00	59.54 -7.29 0.02	48.78 -6.35 0.05	40.25 -4.60 0.26	34.53 -3.96 0.00	32.34 -4.07 0.29	32.22 -3.99 0.02	33.17 -4.10 0.02	30.52 -4.13 3.63	29.45 -4.53 4.72	34.47 -5.26 3.37	41.43 -6.04 0.44	47.27 -6.12 0.31	53.59 -5.71 0.19	48.81 -4.95 0.06	42.41 -5.08 0.02	39.38 -4.62 0.00	36.05 -3.18 0.00
RAVENSWOOD_GT2_1 24244	47.28 1.47 0.00	43.41 1.35 0.00	40.61 1.07 0.00	40.65 0.99 0.00	41.81 0.94 0.00	45.07 1.31 0.00	55.20 1.87 0.00	69.46 2.61 0.00	57.80 2.43 -0.19	49.57 2.53 -1.92	40.69 2.19 0.00	38.79 2.09 0.00	38.41 2.17 0.00	39.46 2.16 0.00	40.50 2.22 0.00	41.02 2.32 0.00	46.84 2.54 -1.19	52.83 2.59 -2.35	58.63 2.63 -2.29	63.69 2.80 -1.40	56.56 2.31 -0.43	49.86 2.19 -0.16	46.07 2.07 0.00	40.92 1.69 0.00

RAVENSWOOD_GT_9 24257	47.28 1.47 0.00	43.41 1.35 0.00	40.61 1.07 0.00	40.65 0.99 0.00	41.81 0.94 0.00	45.07 1.31 0.00	55.20 1.87 0.00	69.46 2.61 0.00	57.80 2.43 -0.19	49.57 2.53 -1.92	40.65 2.16 0.00	38.79 2.09 0.00	38.41 2.17 0.00	39.46 2.16 0.00	40.50 2.22 0.00	41.02 2.32 0.00	46.84 2.54 -1.19	52.83 2.59 -2.35	58.63 2.63 -2.29	63.69 2.80 -1.40	56.56 2.31 -0.43	49.86 2.19 -0.16	46.07 2.07 0.00	40.88 1.65 0.00
RAVENSWOOD___1 23533	47.56 1.74 -0.01	43.63 1.56 -0.01	40.81 1.27 0.00	40.81 1.15 0.00	42.01 1.14 0.00	45.25 1.49 0.00	55.25 1.92 0.00	69.39 2.54 0.00	57.86 2.49 -0.19	49.70 2.66 -1.92	40.84 2.35 0.00	38.86 2.16 0.00	38.55 2.32 0.00	39.64 2.35 0.00	40.69 2.41 0.00	41.18 2.48 0.00	47.01 2.72 -1.19	52.97 2.73 -2.35	58.73 2.74 -2.29	63.75 2.86 -1.40	56.61 2.37 -0.43	50.01 2.33 -0.16	46.24 2.24 0.00	41.12 1.88 -0.01
RAVENSWOOD___2 23534	47.52 1.70 -0.01	43.63 1.56 -0.01	40.77 1.23 0.00	40.81 1.15 0.00	41.97 1.10 0.00	45.25 1.49 0.00	55.20 1.87 0.00	69.39 2.54 0.00	57.86 2.49 -0.19	49.70 2.66 -1.92	40.80 2.31 0.00	38.82 2.13 0.00	38.55 2.32 0.00	39.64 2.35 0.00	40.65 2.37 0.00	41.18 2.48 0.00	47.01 2.72 -1.19	52.97 2.73 -2.35	58.73 2.74 -2.29	63.75 2.86 -1.40	56.61 2.37 -0.43	49.96 2.28 -0.16	46.24 2.24 0.00	41.12 1.88 -0.01
RAVENSWOOD___3 23535	47.28 1.47 0.00	43.41 1.35 0.00	40.62 1.07 0.00	40.65 0.99 0.00	41.81 0.94 0.00	45.07 1.31 0.00	55.20 1.87 0.00	69.46 2.60 0.00	57.86 2.49 -0.19	49.52 2.48 -1.92	40.65 2.15 0.00	38.67 1.98 0.00	38.40 2.17 0.00	39.46 2.16 0.00	40.50 2.22 0.00	41.02 2.32 0.00	46.84 2.54 -1.19	52.88 2.63 -2.35	58.68 2.68 -2.29	63.75 2.86 -1.40	56.61 2.37 -0.43	49.82 2.14 -0.16	46.07 2.07 0.00	40.92 1.69 0.00
RAVENSWOOD___4 23820	47.52 1.70 -0.01	43.59 1.51 -0.01	40.77 1.23 0.00	40.81 1.15 0.00	41.97 1.10 0.00	45.20 1.44 0.00	55.20 1.87 0.00	69.33 2.47 0.00	57.80 2.43 -0.19	49.70 2.66 -1.92	40.80 2.31 0.00	38.82 2.13 0.00	38.55 2.32 0.00	39.61 2.31 0.00	40.65 2.37 0.00	41.18 2.48 0.00	47.01 2.72 -1.19	52.97 2.73 -2.35	58.73 2.74 -2.29	63.75 2.86 -1.40	56.61 2.37 -0.43	49.96 2.28 -0.16	46.24 2.24 0.00	41.08 1.84 -0.01
RCPI_TRUST___DRP 24196	47.33 1.51 0.00	43.41 1.35 0.00	40.65 1.11 0.00	40.69 1.03 0.00	41.85 0.98 0.00	45.11 1.36 0.00	55.30 1.97 0.00	69.59 2.74 0.00	57.91 2.54 -0.19	49.62 2.57 -1.93	40.73 2.23 0.00	38.82 2.13 0.00	38.48 2.25 0.00	39.53 2.24 0.00	40.58 2.30 0.00	41.06 2.36 0.00	46.88 2.59 -1.19	52.93 2.68 -2.35	58.74 2.92 -2.30	63.81 2.74 -1.40	56.66 2.42 -0.43	49.96 2.28 -0.16	46.11 2.11 0.00	40.92 1.69 0.00
RED___ROCHESTER 323720	45.40 -0.41 0.00	41.52 -0.55 0.00	39.03 -0.52 0.00	39.14 -0.52 0.00	40.34 -0.53 0.00	42.97 -0.79 0.00	51.84 -1.49 0.00	64.84 -2.00 0.01	53.13 -2.04 0.01	44.08 -1.04 0.00	37.61 -0.88 0.01	35.84 -0.84 0.01	35.17 -1.05 0.01	36.05 -1.23 0.01	37.00 -1.26 0.02	37.50 -1.20 0.00	41.73 -1.38 0.00	46.14 -1.77 -0.02	52.26 -1.45 0.00	58.07 -1.43 0.00	52.68 -1.13 0.00	46.05 -1.47 0.00	42.68 -1.32 0.00	38.25 -0.98 0.00
REGAN___SOLAR 323812	48.47 2.66 0.00	44.46 2.40 0.00	41.76 2.21 0.00	41.92 2.26 0.00	43.16 2.29 0.00	46.43 2.67 0.00	56.96 3.63 0.00	71.19 4.34 0.00	57.72 2.54 0.00	46.11 0.99 0.00	39.03 0.54 0.00	37.21 0.51 0.00	36.92 0.69 0.00	38.19 0.89 0.00	39.50 1.22 0.00	40.25 1.55 0.00	45.18 2.07 0.00	50.77 2.87 0.00	57.25 3.54 0.00	63.54 4.05 0.00	57.42 3.61 0.00	50.56 3.04 0.00	46.73 2.73 0.00	41.39 2.16 0.00
RENSSELAER___COGEN 23796	45.95 0.14 0.00	42.32 0.25 0.00	39.83 0.28 0.00	39.94 0.28 0.00	41.03 0.16 0.00	44.07 0.31 0.00	53.81 0.48 0.00	67.45 0.60 0.00	55.93 0.72 -0.04	45.81 0.32 -0.37	38.80 0.31 0.00	36.92 0.22 0.00	36.56 0.33 0.00	37.63 0.33 0.00	38.58 0.30 0.00	39.12 0.43 0.00	43.89 0.56 -0.23	49.02 0.67 -0.45	54.84 0.70 -0.44	60.42 0.66 -0.27	54.43 0.54 -0.08	47.98 0.43 -0.03	44.48 0.48 0.00	39.51 0.28 0.00
REPUBLIC_115KV_BARTNBRK 55605	47.51 1.70 0.00	43.58 1.51 0.00	40.97 1.42 0.00	41.21 1.55 0.00	42.38 1.51 0.00	45.64 1.88 0.00	56.16 2.83 0.00	70.46 3.61 0.00	57.58 2.37 -0.03	46.57 1.13 -0.32	39.07 0.58 0.00	36.99 0.29 0.00	36.63 0.40 0.00	37.89 0.60 0.00	39.12 0.84 0.00	39.82 1.12 0.00	44.68 1.38 -0.20	50.49 2.20 -0.39	56.88 2.79 -0.38	62.76 3.03 -0.23	56.52 2.64 -0.07	49.68 2.14 -0.03	45.93 1.94 0.00	40.49 1.26 0.00
REVERE_CPPR_DRP 24186	47.37 1.56 0.00	43.41 1.35 0.00	40.77 1.23 0.00	40.93 1.27 0.00	42.18 1.31 0.00	45.20 1.44 0.00	55.36 2.03 0.00	69.46 2.61 0.00	57.17 1.99 0.00	46.29 1.17 0.00	39.26 0.77 0.00	37.39 0.70 0.00	36.88 0.65 0.00	37.93 0.63 0.00	39.12 0.84 0.00	39.66 0.97 0.00	44.31 1.21 0.00	49.05 1.15 0.00	55.21 1.50 0.00	61.22 1.73 0.00	55.32 1.51 0.00	48.85 1.33 0.00	45.19 1.19 0.00	40.29 1.06 0.00
REYNLDPA_13_KV_LD 356490	46.23 0.41 0.00	42.45 0.38 0.00	39.94 0.40 0.00	40.22 0.55 0.00	41.64 0.77 0.00	44.37 0.61 0.00	53.33 0.00 0.00	66.65 -0.20 0.00	54.85 -0.33 0.00	45.35 0.23 0.00	38.77 0.27 0.00	37.02 0.33 0.00	36.49 0.26 0.00	37.56 0.26 0.00	38.51 0.23 0.00	39.00 0.31 0.00	43.28 0.17 0.00	48.14 0.24 0.00	52.90 -0.80 0.00	58.90 -0.59 0.00	53.38 -0.43 0.00	48.09 0.57 0.00	44.44 0.44 0.00	39.86 0.63 0.00
REYNOLDS_115KV_TB3 80639	46.09 0.27 0.00	42.49 0.42 0.00	40.02 0.47 0.00	40.10 0.44 0.00	41.20 0.33 0.00	44.24 0.48 0.00	54.08 0.75 0.00	67.79 0.94 0.00	56.21 0.99 -0.04	46.04 0.54 -0.38	38.96 0.46 0.00	37.17 0.48 0.00	36.67 0.43 0.00	37.74 0.45 0.00	38.74 0.46 0.00	39.24 0.54 0.00	44.03 0.69 -0.24	49.22 0.86 -0.46	55.02 0.86 -0.45	60.66 0.89 -0.28	54.65 0.75 -0.08	48.22 0.67 -0.03	44.66 0.66 0.00	39.63 0.39 0.00
RIVERBAY___ 323610	48.11 2.29 -0.01	44.18 2.10 -0.01	41.33 1.78 0.00	41.33 1.67 0.00	42.55 1.68 0.00	45.73 1.97 0.00	55.78 2.45 0.00	69.86 3.01 0.00	58.19 2.81 -0.19	50.07 3.02 -1.92	41.07 2.58 0.00	39.15 2.46 0.00	38.77 2.54 0.00	39.79 2.50 0.00	40.84 2.56 0.00	41.37 2.67 0.00	47.23 2.93 -1.19	53.21 2.97 -2.35	58.95 2.95 -2.29	64.05 3.15 -1.40	56.93 2.69 -0.43	50.29 2.61 -0.16	46.64 2.64 0.00	41.52 2.28 -0.01
RIVERSDE_115KV_TB3 55908	46.09 0.27 0.00	42.49 0.42 0.00	39.98 0.44 0.00	40.10 0.44 0.00	41.20 0.33 0.00	44.24 0.48 0.00	54.08 0.75 0.00	67.79 0.94 0.00	56.15 0.94 -0.04	46.03 0.54 -0.37	39.00 0.50 0.00	37.13 0.44 0.00	36.70 0.47 0.00	37.74 0.45 0.00	38.74 0.46 0.00	39.28 0.58 0.00	44.07 0.73 -0.23	49.26 0.91 -0.46	55.06 0.91 -0.45	60.66 0.89 -0.27	54.65 0.75 -0.08	48.22 0.67 -0.03	44.66 0.66 0.00	39.63 0.39 0.00

ROARING___BROOK_WT_PWR 323790	45.77 -0.05 0.00	42.03 -0.04 0.00	39.51 -0.04 0.00	39.66 0.00 0.00	40.91 0.04 0.00	43.76 0.00 0.00	53.33 0.00 0.00	66.78 -0.07 0.00	55.07 -0.11 0.00	45.07 -0.05 0.00	38.46 -0.04 0.00	36.66 -0.04 0.00	36.20 -0.04 0.00	37.26 -0.04 0.00	38.20 -0.08 0.00	38.66 -0.04 0.00	43.02 -0.09 0.00	47.80 -0.10 0.00	53.49 -0.21 0.00	59.32 -0.18 0.00	53.71 -0.11 0.00	47.42 -0.09 0.00	43.91 -0.09 0.00	39.19 -0.04 0.00
ROCHESRG_115KV_T4 355643	44.95 -0.87 0.00	41.06 -1.01 0.00	38.60 -0.95 0.00	38.71 -0.95 0.00	39.93 -0.94 0.00	42.49 -1.27 0.00	51.20 -2.13 0.00	63.90 -2.94 0.01	52.52 -2.65 0.01	43.41 -1.71 0.00	37.07 -1.42 0.00	35.07 -1.61 0.01	34.63 -1.59 0.01	35.57 -1.72 0.01	36.46 -1.80 0.02	36.96 -1.74 0.00	41.12 -1.98 0.00	45.47 -2.44 -0.01	51.39 -2.31 0.00	57.35 -2.14 0.00	51.93 -1.88 0.00	45.43 -2.09 0.00	42.06 -1.94 0.00	37.82 -1.41 0.00
ROCHESTER_9_IC 23652	45.22 -0.60 0.00	41.35 -0.72 0.00	38.87 -0.67 0.00	38.95 -0.71 0.00	40.18 -0.69 0.00	42.79 -0.96 0.00	51.62 -1.71 0.00	64.50 -2.34 0.01	52.96 -2.21 0.01	43.77 -1.35 0.00	37.38 -1.12 0.00	35.36 -1.32 0.01	34.92 -1.30 0.01	35.86 -1.42 0.01	36.77 -1.49 0.02	37.27 -1.43 0.00	41.47 -1.64 0.00	45.85 -2.06 -0.02	51.82 -1.88 0.00	57.89 -1.61 0.00	52.42 -1.40 0.00	45.81 -1.71 0.00	42.37 -1.63 0.00	38.10 -1.14 0.00
ROCKVIEW_13_KV_LD 356306	47.33 1.51 0.00	43.41 1.35 0.00	40.65 1.11 0.00	40.73 1.07 0.00	41.85 0.98 0.00	45.11 1.36 0.00	55.30 1.97 0.00	69.59 2.74 0.00	57.85 2.48 -0.19	49.52 2.48 -1.92	40.65 2.16 0.00	38.79 2.09 0.00	38.37 2.14 0.00	39.46 2.16 0.00	40.50 2.22 0.00	40.98 2.28 0.00	46.84 2.54 -1.19	52.88 2.63 -2.35	58.74 2.74 -2.29	63.87 2.97 -1.40	56.72 2.48 -0.43	49.96 2.28 -0.16	46.15 2.16 0.00	40.92 1.69 0.00
ROME____115KV_TB2 80656	47.37 1.56 0.00	43.41 1.35 0.00	40.77 1.23 0.00	40.93 1.27 0.00	42.18 1.31 0.00	45.20 1.44 0.00	55.36 2.03 0.00	69.46 2.61 0.00	57.17 1.99 0.00	46.29 1.17 0.00	39.26 0.77 0.00	37.39 0.70 0.00	36.88 0.65 0.00	37.93 0.63 0.00	39.12 0.84 0.00	39.66 0.97 0.00	44.31 1.21 0.00	49.05 1.15 0.00	55.21 1.50 0.00	61.22 1.73 0.00	55.32 1.51 0.00	48.85 1.33 0.00	45.19 1.19 0.00	40.29 1.06 0.00
ROSETON___1 23587	46.78 0.96 0.00	42.99 0.92 0.00	40.30 0.75 0.00	40.33 0.67 0.00	41.48 0.61 0.00	44.68 0.92 0.00	54.71 1.38 0.00	68.72 1.87 0.00	57.04 1.77 -0.09	47.69 1.62 -0.94	39.92 1.43 0.00	38.01 1.32 0.00	37.68 1.45 0.00	38.79 1.49 0.00	39.77 1.49 0.00	40.25 1.55 0.00	45.42 1.73 -0.58	50.92 1.87 -1.15	56.76 1.93 -1.13	62.26 2.08 -0.69	55.75 1.72 -0.21	49.07 1.47 -0.08	45.45 1.45 0.00	40.37 1.14 0.00
ROSETON___2 23588	46.78 0.96 0.00	42.99 0.92 0.00	40.30 0.75 0.00	40.33 0.67 0.00	41.48 0.61 0.00	44.68 0.92 0.00	54.71 1.38 0.00	68.72 1.87 0.00	57.04 1.77 -0.09	47.69 1.62 -0.94	39.92 1.43 0.00	38.01 1.32 0.00	37.68 1.45 0.00	38.79 1.49 0.00	39.77 1.49 0.00	40.25 1.55 0.00	45.42 1.73 -0.58	50.92 1.87 -1.15	56.76 1.93 -1.13	62.26 2.08 -0.69	55.75 1.72 -0.21	49.07 1.47 -0.08	45.45 1.45 0.00	40.37 1.14 0.00
ROTTRDAM_115KV_TB3 80664	46.50 0.69 0.00	42.74 0.67 0.00	40.18 0.63 0.00	40.30 0.63 0.00	41.44 0.57 0.00	44.50 0.74 0.00	54.40 1.07 0.00	68.19 1.34 0.00	56.26 1.05 -0.03	46.10 0.68 -0.30	39.00 0.50 0.00	37.17 0.48 0.00	36.74 0.51 0.00	37.85 0.56 0.00	38.89 0.61 0.00	39.35 0.66 0.00	44.11 0.82 -0.19	49.27 1.01 -0.37	55.24 1.18 -0.36	60.96 1.25 -0.22	54.96 1.08 -0.07	48.49 0.95 -0.02	44.88 0.88 0.00	39.86 0.63 0.00
RUSSELL___1 23602	45.40 -0.41 0.00	41.52 -0.55 0.00	39.03 -0.51 0.00	39.11 -0.56 0.00	40.34 -0.53 0.00	42.97 -0.79 0.00	51.84 -1.49 0.00	64.83 -2.01 0.01	53.18 -1.99 0.01	43.99 -1.13 0.00	37.57 -0.92 0.00	35.58 -1.10 0.01	35.10 -1.12 0.01	36.05 -1.23 0.01	36.96 -1.30 0.02	37.46 -1.24 0.00	41.73 -1.38 0.00	46.14 -1.77 -0.02	52.09 -1.61 0.00	58.19 -1.31 0.00	52.68 -1.13 0.00	46.05 -1.47 0.00	42.59 -1.41 0.00	38.25 -0.98 0.00
RUSSELL___2 23532	45.40 -0.41 0.00	41.52 -0.55 0.00	39.03 -0.51 0.00	39.11 -0.56 0.00	40.34 -0.53 0.00	42.97 -0.79 0.00	51.84 -1.49 0.00	64.83 -2.01 0.01	53.18 -1.99 0.01	43.99 -1.13 0.00	37.57 -0.92 0.00	35.58 -1.10 0.01	35.10 -1.12 0.01	36.05 -1.23 0.01	36.96 -1.30 0.02	37.46 -1.24 0.00	41.73 -1.38 0.00	46.14 -1.77 -0.02	52.09 -1.61 0.00	58.19 -1.31 0.00	52.68 -1.13 0.00	46.05 -1.47 0.00	42.59 -1.41 0.00	38.25 -0.98 0.00
RUSSELL___3 23549	45.40 -0.41 0.00	41.52 -0.55 0.00	39.03 -0.51 0.00	39.11 -0.56 0.00	40.34 -0.53 0.00	42.97 -0.79 0.00	51.84 -1.49 0.00	64.83 -2.01 0.01	53.18 -1.99 0.01	43.99 -1.13 0.00	37.57 -0.92 0.00	35.58 -1.10 0.01	35.10 -1.12 0.01	36.05 -1.23 0.01	36.96 -1.30 0.02	37.46 -1.24 0.00	41.73 -1.38 0.00	46.14 -1.77 -0.02	52.09 -1.61 0.00	58.19 -1.31 0.00	52.68 -1.13 0.00	46.05 -1.47 0.00	42.59 -1.41 0.00	38.25 -0.98 0.00
RUSSELL___4 23556	45.40 -0.41 0.00	41.52 -0.55 0.00	39.03 -0.51 0.00	39.11 -0.56 0.00	40.34 -0.53 0.00	42.97 -0.79 0.00	51.84 -1.49 0.00	64.83 -2.01 0.01	53.18 -1.99 0.01	43.99 -1.13 0.00	37.57 -0.92 0.00	35.58 -1.10 0.01	35.10 -1.12 0.01	36.05 -1.23 0.01	36.96 -1.30 0.02	37.46 -1.24 0.00	41.73 -1.38 0.00	46.14 -1.77 -0.02	52.09 -1.61 0.00	58.19 -1.31 0.00	52.68 -1.13 0.00	46.05 -1.47 0.00	42.59 -1.41 0.00	38.25 -0.98 0.00
RUSSELL___STATION 23914	45.40 -0.41 0.00	41.52 -0.55 0.00	39.03 -0.51 0.00	39.11 -0.56 0.00	40.34 -0.53 0.00	42.97 -0.79 0.00	51.84 -1.49 0.00	64.83 -2.01 0.01	53.18 -1.99 0.01	43.99 -1.13 0.00	37.57 -0.92 0.00	35.58 -1.10 0.01	35.10 -1.12 0.01	36.05 -1.23 0.01	36.96 -1.30 0.02	37.46 -1.24 0.00	41.73 -1.38 0.00	46.14 -1.77 -0.02	52.09 -1.61 0.00	58.19 -1.31 0.00	52.68 -1.13 0.00	46.05 -1.47 0.00	42.59 -1.41 0.00	38.25 -0.98 0.00
S SALMON___HYD 24043	45.54 -0.27 0.00	41.73 -0.34 0.00	39.23 -0.32 0.00	39.38 -0.28 0.00	40.59 -0.28 0.00	43.45 -0.30 0.00	53.28 -0.05 0.00	66.85 0.00 0.00	54.96 -0.22 0.00	44.35 -0.77 0.00	37.53 -0.96 0.00	35.74 -0.95 0.00	35.22 -1.01 0.00	36.14 -1.16 0.00	37.28 -1.00 0.00	37.92 -0.77 0.00	42.29 -0.82 0.00	47.13 -0.77 0.00	53.22 -0.48 0.00	59.14 -0.35 0.00	53.49 -0.32 0.00	47.28 -0.24 0.00	43.69 -0.31 0.00	38.96 -0.27 0.00
S.PERRY__115KV_TB1 80734	46.73 0.92 0.00	42.70 0.63 0.00	40.10 0.55 0.00	40.22 0.56 0.00	41.52 0.65 0.00	44.19 0.44 0.00	53.22 -0.11 0.00	66.36 -0.47 0.03	53.91 -1.21 0.05	43.86 -0.99 0.27	37.46 -1.04 0.00	36.14 -1.32 -0.77	34.75 -1.45 0.03	35.70 -1.57 0.03	47.43 -1.65 -10.80	51.27 -1.66 -14.23	51.03 -1.59 -9.52	45.80 -1.72 0.37	52.42 -0.97 0.32	59.12 -0.18 0.19	53.86 0.11 0.06	47.02 -0.48 0.02	43.51 -0.48 0.00	39.15 -0.08 0.00

SAWYER_23_KV_LOAD_REV_LBMP_A 345024	43.48 -2.34 0.00	39.63 -2.44 0.00	37.25 -2.29 0.00	37.24 -2.42 0.00	38.30 -2.57 0.00	40.26 -3.50 0.00	47.52 -5.81 0.00	58.81 -8.02 0.02	48.24 -6.90 0.05	39.99 -4.87 0.25	34.38 -4.12 0.00	32.05 -4.37 0.28	31.97 -4.24 0.02	32.87 -4.40 0.02	30.27 -4.48 3.53	29.42 -4.68 4.59	34.40 -5.43 3.28	41.10 -6.37 0.42	46.90 -6.50 0.30	53.18 -6.13 0.18	48.38 -5.38 0.06	42.03 -5.46 0.02	39.03 -4.97 0.00	35.74 -3.49 0.00
SAWYER__23_KV_LOAD 55526	43.48 -2.34 0.00	39.63 -2.44 0.00	37.25 -2.29 0.00	37.24 -2.42 0.00	38.30 -2.57 0.00	40.26 -3.50 0.00	47.52 -5.81 0.00	58.81 -8.02 0.02	48.24 -6.90 0.05	39.99 -4.87 0.25	34.38 -4.12 0.00	32.05 -4.37 0.28	31.97 -4.24 0.02	32.87 -4.40 0.02	30.27 -4.48 3.53	29.42 -4.68 4.59	34.40 -5.43 3.28	41.10 -6.37 0.42	46.90 -6.50 0.30	53.18 -6.13 0.18	48.38 -5.38 0.06	42.03 -5.46 0.02	39.03 -4.97 0.00	35.74 -3.49 0.00
SELKIRK__I 23801	46.59 0.78 0.00	42.87 0.80 0.00	40.34 0.79 0.00	40.45 0.79 0.00	41.61 0.74 0.00	44.63 0.87 0.00	54.50 1.17 0.00	68.19 1.34 0.00	56.42 1.21 -0.03	46.11 0.68 -0.31	38.99 0.50 0.00	37.10 0.40 0.00	36.74 0.51 0.00	37.85 0.56 0.00	38.89 0.61 0.00	39.35 0.66 0.00	44.16 0.86 -0.19	49.38 1.10 -0.38	55.32 1.24 -0.37	61.03 1.31 -0.23	54.90 1.02 -0.07	48.45 0.90 -0.03	44.92 0.93 0.00	39.94 0.71 0.00
SELKIRK__II 23799	46.14 0.32 0.00	42.45 0.38 0.00	39.94 0.40 0.00	40.02 0.36 0.00	41.16 0.29 0.00	44.19 0.44 0.00	53.97 0.64 0.00	67.66 0.81 0.00	56.04 0.83 -0.03	45.96 0.50 -0.35	38.92 0.42 0.00	37.06 0.37 0.00	36.67 0.44 0.00	37.74 0.45 0.00	38.74 0.46 0.00	39.20 0.50 0.00	43.97 0.65 -0.21	49.08 0.76 -0.42	54.92 0.81 -0.41	60.52 0.77 -0.25	54.54 0.65 -0.08	48.07 0.52 -0.03	44.57 0.57 0.00	39.59 0.35 0.00
SENECA OSWGO__HYD 24041	45.22 -0.60 0.00	41.44 -0.63 0.00	38.96 -0.59 0.00	39.02 -0.64 0.00	40.26 -0.61 0.00	43.10 -0.66 0.00	52.47 -0.86 0.00	65.85 -1.00 0.00	54.29 -0.88 0.00	44.40 -0.72 0.00	37.88 -0.62 0.00	36.11 -0.59 0.00	35.62 -0.62 0.00	36.66 -0.63 0.00	37.63 -0.65 0.00	38.04 -0.66 0.00	42.37 -0.73 0.00	46.99 -0.91 0.00	52.95 -0.75 0.00	58.66 -0.83 0.00	53.06 -0.75 0.00	46.71 -0.81 0.00	43.29 -0.71 0.00	38.60 -0.63 0.00
SENECA__115KV_TB3 355854	43.85 -1.97 0.00	39.97 -2.10 0.00	37.57 -1.98 0.00	37.60 -2.06 0.00	38.58 -2.29 0.00	40.61 -3.15 0.00	48.05 -5.28 0.00	59.61 -7.22 0.02	48.95 -6.18 0.05	40.44 -4.42 0.26	34.65 -3.85 0.00	32.52 -3.89 0.29	32.26 -3.95 0.02	33.17 -4.10 0.02	30.63 -4.02 3.63	29.53 -4.45 4.72	34.56 -5.17 3.37	41.48 -5.99 0.43	47.54 -5.85 0.31	53.48 -5.83 0.19	48.86 -4.90 0.06	42.46 -5.04 0.02	39.56 -4.44 0.00	36.09 -3.14 0.00
SENECA__ENERGY 23797	45.82 0.00 0.00	41.94 -0.13 0.00	39.39 -0.16 0.00	39.46 -0.20 0.00	40.75 -0.12 0.00	43.58 -0.17 0.00	52.85 -0.48 0.00	66.05 -0.80 0.00	54.40 -0.77 0.00	44.71 -0.41 0.00	38.07 -0.42 0.00	36.31 -0.44 -0.05	35.68 -0.54 0.00	36.69 -0.60 0.00	38.38 -0.65 -0.75	38.99 -0.70 -0.99	43.01 -0.77 -0.68	46.94 -0.96 0.00	53.06 -0.64 0.00	58.72 -0.78 0.00	53.28 -0.54 0.00	46.85 -0.67 0.00	43.38 -0.62 0.00	38.76 -0.47 0.00
SHOEMAKER__GT 23640	46.64 0.83 0.00	42.74 0.67 0.00	40.10 0.55 0.00	40.17 0.51 0.00	41.32 0.45 0.00	44.37 0.61 0.00	54.34 1.01 0.00	68.12 1.27 0.00	55.98 1.21 0.41	42.24 1.17 4.05	39.49 1.00 0.00	37.65 0.95 0.00	37.28 1.05 0.00	38.38 1.08 0.00	39.39 1.11 0.00	39.86 1.16 0.00	41.94 1.34 2.50	44.39 1.44 4.94	50.38 1.50 4.83	58.16 1.61 2.94	54.10 1.18 0.90	48.23 1.04 0.33	45.05 1.05 0.00	40.09 0.86 0.00
SHOEMAKR_138KV_BK 111 55601	46.59 0.78 0.00	42.74 0.67 0.00	40.10 0.55 0.00	40.18 0.52 0.00	41.28 0.41 0.00	44.37 0.61 0.00	54.29 0.96 0.00	68.12 1.27 0.00	55.99 1.21 0.40	42.35 1.22 3.99	39.53 1.04 0.00	37.76 1.06 0.00	37.35 1.12 0.00	38.41 1.12 0.00	39.43 1.15 0.00	39.90 1.20 0.00	41.98 1.34 2.47	44.41 1.39 4.87	50.40 1.45 4.76	58.14 1.55 2.90	54.11 1.18 0.89	48.28 1.09 0.33	45.10 1.10 0.00	40.10 0.86 0.00
SHOREHAM_IC_1 23715	47.05 1.24 0.00	43.04 0.97 0.00	40.10 0.55 0.00	40.10 0.44 0.00	41.28 0.41 0.00	44.55 0.79 0.00	54.61 1.28 0.00	69.05 2.20 0.00	57.25 1.88 -0.19	49.34 2.30 -1.92	41.28 2.77 -0.01	39.08 2.38 0.00	38.81 2.57 -0.01	39.83 2.54 0.00	40.35 2.07 0.00	40.94 2.24 0.00	47.10 2.80 -1.19	53.64 3.40 -2.34	59.81 3.81 -2.30	65.00 4.10 -1.40	57.96 3.71 -0.43	50.77 3.09 -0.17	47.00 2.99 -0.01	41.55 2.31 0.00
SHOREHAM_IC_2 23716	47.05 1.24 0.00	43.04 0.97 0.00	40.10 0.55 0.00	40.10 0.44 0.00	41.28 0.41 0.00	44.55 0.79 0.00	54.61 1.28 0.00	69.05 2.20 0.00	57.25 1.88 -0.19	49.34 2.30 -1.92	41.28 2.77 -0.01	39.08 2.38 0.00	38.81 2.57 -0.01	39.83 2.54 0.00	40.35 2.07 0.00	40.94 2.24 0.00	47.10 2.80 -1.19	53.64 3.40 -2.34	59.81 3.81 -2.30	65.00 4.10 -1.40	57.96 3.71 -0.43	50.77 3.09 -0.17	47.00 2.99 -0.01	41.55 2.31 0.00
SISSONVILLE__ 23735	45.17 -0.64 0.00	41.48 -0.59 0.00	39.03 -0.51 0.00	39.34 -0.32 0.00	40.38 -0.49 0.00	43.01 -0.74 0.00	52.48 -0.85 0.00	65.65 -1.20 0.00	53.63 -1.54 0.00	43.54 -1.58 0.00	37.11 -1.39 0.00	35.37 -1.32 0.00	34.93 -1.30 0.00	35.88 -1.42 0.00	36.86 -1.42 0.00	37.46 -1.24 0.00	41.64 -1.47 0.00	46.46 -1.44 0.00	51.88 -1.83 0.00	57.65 -1.84 0.00	52.09 -1.72 0.00	46.95 -0.57 0.00	43.43 -0.57 0.00	38.96 -0.27 0.00
SITHE_IND_GS1 24169	44.76 -1.05 0.00	41.06 -1.01 0.00	38.60 -0.95 0.00	38.71 -0.95 0.00	39.89 -0.98 0.00	42.66 -1.09 0.00	51.94 -1.39 0.00	65.05 -1.80 0.00	53.69 -1.49 0.00	43.95 -1.17 0.00	37.53 -0.96 0.00	35.78 -0.92 0.00	35.29 -0.94 0.00	36.29 -1.01 0.00	37.25 -1.03 0.00	37.69 -1.01 0.00	41.94 -1.16 0.00	46.56 -1.34 0.00	52.31 -1.40 0.00	57.95 -1.55 0.00	52.47 -1.34 0.00	46.24 -1.28 0.00	42.81 -1.19 0.00	38.21 -1.02 0.00
SITHE_IND_GS2 24170	44.76 -1.05 0.00	41.06 -1.01 0.00	38.60 -0.95 0.00	38.71 -0.95 0.00	39.89 -0.98 0.00	42.66 -1.09 0.00	51.94 -1.39 0.00	65.05 -1.80 0.00	53.69 -1.49 0.00	43.95 -1.17 0.00	37.53 -0.96 0.00	35.78 -0.92 0.00	35.29 -0.94 0.00	36.29 -1.01 0.00	37.25 -1.03 0.00	37.69 -1.01 0.00	41.94 -1.16 0.00	46.56 -1.34 0.00	52.31 -1.40 0.00	57.95 -1.55 0.00	52.47 -1.34 0.00	46.24 -1.28 0.00	42.81 -1.19 0.00	38.21 -1.02 0.00
SITHE_IND_GS3 24171	44.76 -1.05 0.00	41.06 -1.01 0.00	38.60 -0.95 0.00	38.71 -0.95 0.00	39.89 -0.98 0.00	42.66 -1.09 0.00	51.94 -1.39 0.00	65.05 -1.80 0.00	53.69 -1.49 0.00	43.95 -1.17 0.00	37.53 -0.96 0.00	35.78 -0.92 0.00	35.29 -0.94 0.00	36.29 -1.01 0.00	37.25 -1.03 0.00	37.69 -1.01 0.00	41.94 -1.16 0.00	46.56 -1.34 0.00	52.31 -1.40 0.00	57.95 -1.55 0.00	52.47 -1.34 0.00	46.24 -1.28 0.00	42.81 -1.19 0.00	38.21 -1.02 0.00

SITHE_IND_GS4 24172	44.76 -1.05 0.00	41.06 -1.01 0.00	38.60 -0.95 0.00	38.71 -0.95 0.00	39.89 -0.98 0.00	42.66 -1.09 0.00	51.94 -1.39 0.00	65.05 -1.80 0.00	53.69 -1.49 0.00	43.95 -1.17 0.00	37.53 -0.96 0.00	35.78 -0.92 0.00	35.29 -0.94 0.00	36.29 -1.01 0.00	37.25 -1.03 0.00	37.69 -1.01 0.00	41.94 -1.16 0.00	46.56 -1.34 0.00	52.31 -1.40 0.00	57.95 -1.55 0.00	52.47 -1.34 0.00	46.24 -1.28 0.00	42.81 -1.19 0.00	38.21 -1.02 0.00
SITHE__BATAVIA 24024	44.58 -1.23 0.00	40.72 -1.35 0.00	38.28 -1.27 0.00	38.39 -1.27 0.00	39.48 -1.39 0.00	41.70 -2.06 0.00	49.76 -3.57 0.00	61.82 -5.01 0.02	50.62 -4.52 0.04	41.88 -3.02 0.22	35.84 -2.66 0.00	33.90 -2.64 0.15	33.32 -2.90 0.02	34.14 -3.13 0.02	33.52 -2.87 1.89	33.39 -2.86 2.44	37.99 -3.32 1.80	43.12 -4.07 0.71	49.41 -4.03 0.26	55.47 -3.87 0.16	50.54 -3.23 0.05	43.94 -3.56 0.02	40.83 -3.17 0.00	36.96 -2.28 0.00
SITHE__INDEPEND 23800	44.76 -1.05 0.00	41.06 -1.01 0.00	38.60 -0.95 0.00	38.67 -0.99 0.00	39.89 -0.98 0.00	42.66 -1.09 0.00	51.94 -1.39 0.00	65.11 -1.74 0.00	53.69 -1.49 0.00	43.95 -1.17 0.00	37.53 -0.96 0.00	35.74 -0.95 0.00	35.29 -0.94 0.00	36.29 -1.01 0.00	37.25 -1.03 0.00	37.65 -1.04 0.00	41.94 -1.16 0.00	46.56 -1.34 0.00	52.31 -1.40 0.00	58.01 -1.49 0.00	52.47 -1.35 0.00	46.24 -1.28 0.00	42.81 -1.19 0.00	38.21 -1.02 0.00
SITHE__MASSENA 23902	46.27 0.46 0.00	42.45 0.38 0.00	39.98 0.44 0.00	40.26 0.60 0.00	41.69 0.82 0.00	44.41 0.66 0.00	53.92 0.59 0.00	67.45 0.60 0.00	55.40 0.22 0.00	45.30 0.18 0.00	38.69 0.19 0.00	36.99 0.29 0.00	36.45 0.22 0.00	37.52 0.23 0.00	38.43 0.15 0.00	38.97 0.27 0.00	43.24 0.13 0.00	48.09 0.19 0.00	53.38 -0.32 0.00	59.49 0.00 0.00	53.87 0.05 0.00	48.09 0.57 0.00	44.44 0.44 0.00	39.86 0.63 0.00
SITHE__OGDNSBRG 24021	46.50 0.69 0.00	42.66 0.59 0.00	40.14 0.59 0.00	40.45 0.79 0.00	41.77 0.90 0.00	44.50 0.74 0.00	54.13 0.80 0.00	67.59 0.74 0.00	55.18 0.00 0.00	44.80 -0.32 0.00	38.19 -0.31 0.00	36.36 -0.33 0.00	35.91 -0.33 0.00	36.92 -0.37 0.00	37.90 -0.38 0.00	38.54 -0.15 0.00	42.89 -0.22 0.00	47.85 -0.05 0.00	53.44 -0.27 0.00	59.44 -0.06 0.00	53.81 0.00 0.00	48.23 0.71 0.00	44.61 0.62 0.00	40.06 0.82 0.00
SITHE__STERLING 23777	46.96 1.15 0.00	43.04 0.97 0.00	40.46 0.91 0.00	40.57 0.91 0.00	41.81 0.94 0.00	44.81 1.05 0.00	54.77 1.44 0.00	68.72 1.87 0.00	56.61 1.43 0.00	46.02 0.90 0.00	39.07 0.58 0.00	37.21 0.51 0.00	36.70 0.47 0.00	37.78 0.48 0.00	38.89 0.61 0.00	39.39 0.70 0.00	43.97 0.86 0.00	48.76 0.86 0.00	54.88 1.18 0.00	60.80 1.31 0.00	55.00 1.18 0.00	48.52 1.00 0.00	44.88 0.88 0.00	39.98 0.74 0.00
SLEIGHT__34_KV_TB1 80719	45.50 -0.32 0.00	41.61 -0.46 0.00	39.11 -0.44 0.00	39.18 -0.48 0.00	40.46 -0.41 0.00	43.19 -0.57 0.00	52.37 -0.96 0.00	65.57 -1.27 0.01	53.90 -1.27 0.01	44.35 -0.77 0.00	37.88 -0.62 0.00	35.92 -0.77 0.01	35.46 -0.76 0.01	36.43 -0.86 0.01	37.31 -0.96 0.01	37.81 -0.89 0.00	42.11 -0.99 0.00	46.56 -1.34 -0.01	52.58 -1.13 0.00	58.54 -0.95 0.00	53.01 -0.81 0.00	46.43 -1.09 0.00	42.99 -1.01 0.00	38.45 -0.78 0.00
SMITHTWN_69_KV_BK 1 55830	47.88 2.06 0.00	43.79 1.72 0.00	40.81 1.27 0.00	40.85 1.19 0.00	42.01 1.14 0.00	45.33 1.58 0.00	55.52 2.19 0.00	70.06 3.21 0.00	58.02 2.65 -0.19	50.15 3.11 -1.92	41.54 3.04 -0.01	39.52 2.83 0.00	39.17 2.93 -0.01	40.16 2.87 0.00	41.19 2.91 0.00	41.56 2.86 0.00	47.66 3.36 -1.19	53.83 3.59 -2.34	60.24 4.24 -2.30	65.48 4.58 -1.40	58.18 3.93 -0.43	51.20 3.52 -0.17	47.26 3.26 -0.01	41.86 2.63 0.00
SOUTH CAIRO__GT 23612	47.65 1.83 0.00	43.83 1.77 0.00	41.17 1.62 0.00	41.41 1.75 0.00	42.55 1.68 0.00	45.64 1.88 0.00	56.00 2.67 0.00	69.59 2.74 0.00	57.66 2.48 0.00	46.29 1.17 0.00	38.92 0.42 0.00	37.10 0.40 0.00	36.67 0.43 0.00	37.78 0.48 0.00	38.89 0.61 0.00	39.51 0.81 0.00	44.61 1.51 0.00	49.96 2.06 0.00	56.07 2.36 0.00	62.47 2.97 0.00	55.81 1.99 0.00	49.52 2.00 0.00	45.54 1.54 0.00	40.57 1.33 0.00
SOUTH HAMPTN__IC 23720	47.88 2.06 0.00	43.79 1.73 0.00	40.77 1.23 0.00	40.77 1.11 0.00	41.93 1.06 0.00	45.29 1.53 0.00	55.52 2.19 0.00	70.33 3.47 0.00	58.24 2.87 -0.19	50.20 3.16 -1.92	41.93 3.42 -0.01	39.67 2.97 0.00	39.39 3.15 -0.01	40.35 3.06 0.00	40.84 2.57 0.00	41.36 2.67 0.00	47.57 3.27 -1.19	54.12 3.88 -2.34	60.46 4.45 -2.30	65.78 4.88 -1.40	58.56 4.31 -0.43	51.20 3.52 -0.17	47.35 3.34 -0.01	41.82 2.59 0.00
SOUTHDOW_115KV_TB1 355954	44.81 -1.01 0.00	40.85 -1.22 0.00	38.20 -1.34 0.00	38.03 -1.63 0.00	38.99 -1.88 0.00	41.09 -2.67 0.00	48.85 -4.48 0.00	60.81 -6.02 0.02	49.50 -5.63 0.05	40.46 -4.38 0.28	34.57 -3.93 0.00	32.59 -3.93 0.18	32.33 -3.88 0.02	33.28 -3.99 0.02	32.11 -4.02 2.15	31.36 -4.57 2.77	35.87 -5.17 2.06	41.70 -5.75 0.45	47.89 -5.48 0.34	54.53 -4.76 0.21	49.72 -4.04 0.06	43.31 -4.18 0.02	40.21 -3.78 0.00	36.76 -2.47 0.00
SOUTHOLD_69_KV_BK 2 55809	48.29 2.47 0.00	44.13 2.06 0.00	41.09 1.54 0.00	41.09 1.43 0.00	42.22 1.35 0.00	45.59 1.84 0.00	56.05 2.72 0.00	70.93 4.08 0.00	58.63 3.26 -0.19	50.60 3.56 -1.92	42.28 3.77 -0.01	40.11 3.41 0.00	39.68 3.44 -0.01	40.58 3.28 0.00	41.46 3.18 0.00	41.60 2.90 0.00	47.71 3.41 -1.19	54.02 3.78 -2.34	60.83 4.83 -2.30	66.08 5.18 -1.40	58.72 4.47 -0.43	51.63 3.94 -0.17	47.44 3.43 -0.01	41.86 2.63 0.00
SOUTHOLD__IC 23719	48.29 2.47 0.00	44.13 2.06 0.00	41.09 1.54 0.00	41.05 1.39 0.00	42.22 1.35 0.00	45.59 1.84 0.00	55.94 2.61 0.00	70.93 4.08 0.00	58.74 3.37 -0.19	50.60 3.56 -1.92	42.28 3.77 -0.01	39.96 3.26 0.00	39.64 3.40 -0.01	40.58 3.28 0.00	41.04 2.76 0.00	41.52 2.82 0.00	47.70 3.40 -1.19	54.26 4.02 -2.34	60.67 4.67 -2.30	66.14 5.24 -1.40	58.71 4.46 -0.43	51.35 3.66 -0.17	47.44 3.43 -0.01	41.86 2.63 0.00
SOUTH_FORK_WT_PWR 323839	48.33 2.52 0.00	44.13 2.06 0.00	41.05 1.50 0.00	41.05 1.39 0.00	42.18 1.31 0.00	45.55 1.79 0.00	55.89 2.56 0.00	70.86 4.01 0.00	58.68 3.31 -0.19	50.60 3.56 -1.92	42.32 3.81 -0.01	40.00 3.30 0.00	39.64 3.40 -0.01	40.58 3.28 0.00	40.96 2.68 0.00	41.36 2.67 0.00	47.49 3.19 -1.19	53.98 3.74 -2.34	60.35 4.35 -2.30	65.78 4.88 -1.40	58.39 4.14 -0.43	50.96 3.28 -0.17	47.13 3.12 -0.01	41.59 2.35 0.00
SPIERFLS_115KV_TB 1 80737	46.41 0.60 0.00	42.66 0.59 0.00	40.10 0.55 0.00	40.26 0.59 0.00	41.44 0.57 0.00	44.54 0.79 0.00	54.61 1.28 0.00	68.59 1.74 0.00	56.42 1.21 -0.03	45.98 0.54 -0.32	38.76 0.27 0.00	36.80 0.11 0.00	36.41 0.18 0.00	37.59 0.30 0.00	38.70 0.42 0.00	39.28 0.58 0.00	44.04 0.73 -0.20	49.39 1.10 -0.39	55.43 1.34 -0.38	61.10 1.37 -0.23	55.07 1.18 -0.07	48.50 0.95 -0.03	44.88 0.88 0.00	39.74 0.51 0.00

ST LAWRENCE____ 23600	45.72 -0.09 0.00	41.98 -0.08 0.00	39.51 -0.04 0.00	39.74 0.08 0.00	41.12 0.25 0.00	43.89 0.13 0.00	53.28 -0.05 0.00	66.65 -0.20 0.00	54.90 -0.27 0.00	44.94 -0.18 0.00	38.42 -0.08 0.00	36.66 -0.04 0.00	36.12 -0.11 0.00	37.14 -0.15 0.00	38.09 -0.19 0.00	38.58 -0.12 0.00	42.85 -0.26 0.00	47.66 -0.24 0.00	53.00 -0.70 0.00	58.90 -0.59 0.00	53.38 -0.43 0.00	47.57 0.05 0.00	44.00 0.00 0.00	39.39 0.16 0.00
STATE_CA_115KV_115_LB 55624	46.18 0.37 0.00	42.53 0.46 0.00	40.02 0.47 0.00	40.14 0.48 0.00	41.24 0.37 0.00	44.28 0.53 0.00	54.08 0.75 0.00	67.85 1.00 0.00	56.26 1.05 -0.04	46.08 0.59 -0.37	39.03 0.54 0.00	37.21 0.51 0.00	36.74 0.51 0.00	37.82 0.52 0.00	38.85 0.57 0.00	39.35 0.66 0.00	44.15 0.82 -0.23	49.35 1.01 -0.45	55.17 1.02 -0.44	60.78 1.01 -0.27	54.70 0.81 -0.08	48.26 0.71 -0.03	44.75 0.75 0.00	39.70 0.47 0.00
STATE_ST_34_KV_LOAD 55959	46.18 0.37 0.00	42.28 0.21 0.00	39.71 0.16 0.00	39.78 0.12 0.00	41.12 0.25 0.00	43.98 0.22 0.00	53.54 0.21 0.00	67.12 0.27 -0.01	55.35 0.17 -0.01	45.21 0.09 0.00	38.57 0.08 0.00	36.70 0.00 -0.01	36.24 0.00 -0.01	37.30 0.00 -0.01	38.21 -0.08 0.00	38.62 -0.08 0.00	43.02 -0.09 0.00	47.71 -0.19 -0.01	53.81 0.11 0.00	59.73 0.24 0.00	54.08 0.27 0.00	47.61 0.10 0.00	44.04 0.04 0.00	39.27 0.04 0.00
STATION_5_MISC_HYD 23604	45.22 -0.60 0.00	41.35 -0.72 0.00	38.87 -0.67 0.00	38.99 -0.67 0.00	40.18 -0.70 0.00	42.79 -0.96 0.00	51.62 -1.71 0.00	64.50 -2.34 0.01	52.85 -2.32 0.01	43.86 -1.26 0.00	37.42 -1.08 0.00	35.66 -1.03 0.01	34.99 -1.23 0.01	35.86 -1.42 0.01	36.81 -1.45 0.02	37.31 -1.39 0.00	41.51 -1.59 0.00	45.86 -2.06 -0.02	51.93 -1.77 0.00	57.77 -1.73 0.00	52.41 -1.40 0.00	45.81 -1.71 0.00	42.46 -1.54 0.00	38.09 -1.14 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	45.59 -0.23 0.00	41.73 -0.34 0.00	39.19 -0.36 0.00	39.30 -0.36 0.00	40.58 -0.29 0.00	43.32 -0.44 0.00	52.37 -0.96 0.01	65.50 -1.34 0.01	53.90 -1.27 0.01	44.40 -0.72 0.00	37.88 -0.62 0.00	35.91 -0.77 0.01	35.42 -0.80 0.01	36.42 -0.86 0.01	37.34 -0.92 0.02	37.77 -0.93 0.00	42.11 -0.99 0.00	46.56 -1.34 0.00	52.58 -1.13 0.00	58.54 -0.95 0.00	53.01 -0.81 0.00	46.52 -1.00 0.00	43.03 -0.97 0.00	38.53 -0.71 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	44.99 -0.82 0.00	41.14 -0.93 0.00	38.68 -0.87 0.00	38.79 -0.87 0.00	40.01 -0.86 0.00	42.62 -1.14 0.00	51.46 -1.87 0.00	64.30 -2.54 0.01	52.85 -2.32 0.01	43.63 -1.49 0.00	37.26 -1.23 0.00	35.29 -1.39 0.01	34.84 -1.38 0.01	35.79 -1.49 0.01	36.69 -1.57 0.02	37.19 -1.51 0.00	41.38 -1.72 0.00	45.76 -2.16 -0.01	51.66 -2.04 0.00	57.65 -1.84 0.00	52.20 -1.61 0.00	45.67 -1.85 0.00	42.28 -1.72 0.00	37.94 -1.29 0.00
STA_56____34_KV_BUS2 355983	44.99 -0.82 0.00	41.14 -0.93 0.00	38.68 -0.87 0.00	38.79 -0.87 0.00	40.01 -0.86 0.00	42.62 -1.14 0.00	51.46 -1.87 0.00	64.30 -2.54 0.01	52.85 -2.32 0.01	43.63 -1.49 0.00	37.26 -1.23 0.00	35.29 -1.39 0.01	34.84 -1.38 0.01	35.79 -1.49 0.01	36.69 -1.57 0.02	37.19 -1.51 0.00	41.38 -1.72 0.00	45.76 -2.16 -0.01	51.66 -2.04 0.00	57.65 -1.84 0.00	52.20 -1.61 0.00	45.67 -1.85 0.00	42.28 -1.72 0.00	37.94 -1.29 0.00
STA_67____115KV_BK2 355882	45.13 -0.69 0.00	41.27 -0.80 0.00	38.80 -0.75 0.00	38.87 -0.79 0.00	40.13 -0.74 0.00	42.71 -1.05 0.00	51.52 -1.81 0.00	64.37 -2.47 0.01	52.79 -2.37 0.01	43.68 -1.44 0.00	37.30 -1.19 0.00	35.29 -1.39 0.01	34.84 -1.38 0.01	35.79 -1.49 0.01	36.65 -1.61 0.02	37.19 -1.51 0.00	41.38 -1.72 0.00	45.76 -2.16 -0.02	51.72 -1.99 0.00	57.71 -1.78 0.00	52.25 -1.56 0.00	45.71 -1.81 0.00	42.28 -1.72 0.00	38.02 -1.22 0.00
STA_7____115KV_9TRANS 80674	45.40 -0.41 0.00	41.52 -0.55 0.00	39.03 -0.51 0.00	39.11 -0.56 0.00	40.34 -0.53 0.00	42.97 -0.79 0.00	51.84 -1.49 0.00	64.83 -2.01 0.01	53.18 -1.99 0.01	43.99 -1.13 0.00	37.57 -0.92 0.00	35.58 -1.10 0.01	35.10 -1.12 0.01	36.05 -1.23 0.01	36.96 -1.30 0.02	37.46 -1.24 0.00	41.73 -1.38 0.00	46.14 -1.77 -0.02	52.09 -1.61 0.00	58.19 -1.31 0.00	52.68 -1.13 0.00	46.05 -1.47 0.00	42.59 -1.41 0.00	38.25 -0.98 0.00
STA_82____115KV_TB1 80780	45.13 -0.69 0.00	41.27 -0.80 0.00	38.76 -0.79 0.00	38.87 -0.79 0.00	40.09 -0.78 0.00	42.66 -1.09 0.00	51.46 -1.87 0.00	64.30 -2.54 0.01	52.79 -2.37 0.01	43.63 -1.49 0.00	37.26 -1.23 0.00	35.25 -1.43 0.01	34.81 -1.41 0.01	35.75 -1.53 0.01	36.62 -1.65 0.02	37.15 -1.55 0.00	41.34 -1.77 0.00	45.71 -2.20 -0.02	51.66 -2.04 0.00	57.65 -1.84 0.00	52.20 -1.61 0.00	45.67 -1.85 0.00	42.28 -1.72 0.00	37.98 -1.26 0.00
STEEL____WIND 323596	43.80 -2.01 0.00	39.97 -2.10 0.00	37.57 -1.98 0.00	37.60 -2.06 0.00	38.58 -2.29 0.00	40.61 -3.15 0.00	48.05 -5.28 0.00	59.54 -7.28 0.02	48.89 -6.24 0.05	40.39 -4.47 0.26	34.61 -3.89 0.00	32.48 -3.93 0.29	32.26 -3.95 0.02	33.13 -4.14 0.02	30.59 -4.06 3.63	29.49 -4.49 4.72	34.52 -5.22 3.37	41.48 -5.99 0.43	47.48 -5.91 0.31	53.48 -5.83 0.19	48.81 -4.95 0.06	42.46 -5.04 0.02	39.51 -4.49 0.00	36.09 -3.14 0.00
STEPHTWN_115KV_BK_2 55603	46.46 0.64 0.00	42.78 0.72 0.00	40.26 0.71 0.00	40.37 0.71 0.00	41.48 0.61 0.00	44.59 0.83 0.00	54.50 1.17 0.00	68.39 1.54 0.00	56.59 1.38 -0.04	46.34 0.86 -0.37	39.19 0.69 0.00	37.32 0.62 0.00	36.88 0.65 0.00	37.96 0.67 0.00	39.01 0.73 0.00	39.55 0.85 0.00	44.37 1.03 -0.23	49.64 1.29 -0.45	55.48 1.34 -0.44	61.19 1.43 -0.27	55.08 1.18 -0.08	48.55 1.00 -0.03	45.01 1.01 0.00	39.94 0.71 0.00
STEBEN_REC_LFGE 323667	46.00 0.18 0.00	42.03 -0.04 0.00	39.47 -0.08 0.00	39.50 -0.16 0.00	40.75 -0.12 0.00	43.23 -0.53 0.00	51.84 -1.49 0.00	64.58 -2.21 0.06	52.82 -2.26 0.10	42.89 -1.90 0.34	36.61 -1.89 0.00	34.91 -2.24 -0.45	33.74 -2.43 0.06	34.62 -2.61 0.06	42.49 -2.72 -6.93	44.79 -3.13 -9.23	45.81 -3.36 -6.07	43.65 -3.74 0.52	49.97 -3.33 0.40	56.45 -2.80 0.25	51.59 -2.15 0.08	45.31 -2.19 0.03	42.02 -1.98 0.00	38.10 -1.14 0.00
STILLWATER____SOLAR 323814	46.91 1.10 0.00	43.12 1.05 0.00	40.54 0.99 0.00	40.69 1.03 0.00	41.85 0.98 0.00	44.98 1.22 0.00	55.09 1.76 0.00	69.05 2.20 0.00	56.92 1.71 -0.03	46.40 0.95 -0.33	39.19 0.69 0.00	37.21 0.51 0.00	36.85 0.62 0.00	38.00 0.71 0.00	39.08 0.81 0.00	39.62 0.93 0.00	44.47 1.16 -0.20	49.83 1.53 -0.40	55.92 1.83 -0.39	61.70 1.96 -0.24	55.56 1.67 -0.07	48.93 1.38 -0.03	45.27 1.28 0.00	40.17 0.94 0.00
STONY____BROOK 24151	47.83 2.01 0.00	43.75 1.68 0.00	40.77 1.23 0.00	40.77 1.11 0.00	41.93 1.06 0.00	45.29 1.53 0.00	55.41 2.08 0.00	70.06 3.21 0.00	58.07 2.70 -0.19	50.11 3.07 -1.92	41.54 3.04 -0.01	39.37 2.68 0.00	39.14 2.90 -0.01	40.17 2.87 0.00	40.88 2.60 0.00	41.48 2.79 0.00	47.66 3.36 -1.19	53.93 3.69 -2.34	60.19 4.19 -2.30	65.54 4.64 -1.40	58.23 3.98 -0.43	51.06 3.37 -0.17	47.26 3.26 -0.01	41.86 2.63 0.00

STURGEON_POOL_HYD 23609	47.01 1.19 0.00	43.16 1.09 0.00	40.46 0.91 0.00	40.57 0.91 0.00	41.69 0.82 0.00	44.81 1.05 0.00	54.98 1.65 0.00	68.79 1.94 0.00	57.12 1.99 0.04	46.39 1.71 0.44	39.77 1.27 0.00	37.98 1.28 0.00	37.57 1.34 0.00	38.64 1.34 0.00	39.66 1.38 0.00	40.17 1.47 0.00	44.69 1.85 0.27	49.37 2.01 0.54	55.22 2.04 0.53	61.55 2.38 0.32	55.38 1.67 0.10	49.19 1.71 0.04	45.45 1.45 0.00	40.41 1.18 0.00
ST_LAW_115_BK7_LBMP 345037	45.72 -0.09 0.00	41.98 -0.08 0.00	39.51 -0.04 0.00	39.74 0.08 0.00	41.12 0.25 0.00	43.89 0.13 0.00	53.28 -0.05 0.00	66.58 -0.27 0.00	54.80 -0.38 0.00	44.90 -0.22 0.00	38.38 -0.12 0.00	36.62 -0.07 0.00	36.09 -0.14 0.00	37.14 -0.15 0.00	38.09 -0.19 0.00	38.54 -0.15 0.00	42.85 -0.26 0.00	47.66 -0.24 0.00	52.95 -0.75 0.00	58.84 -0.65 0.00	53.33 -0.49 0.00	47.57 0.05 0.00	43.95 -0.04 0.00	39.39 0.16 0.00
ST_LAW_115_BK8_LBMP 345038	45.72 -0.09 0.00	41.98 -0.08 0.00	39.51 -0.04 0.00	39.74 0.08 0.00	41.12 0.25 0.00	43.89 0.13 0.00	53.28 -0.05 0.00	66.58 -0.27 0.00	54.80 -0.38 0.00	44.90 -0.22 0.00	38.38 -0.12 0.00	36.62 -0.07 0.00	36.09 -0.14 0.00	37.14 -0.15 0.00	38.09 -0.19 0.00	38.54 -0.15 0.00	42.85 -0.26 0.00	47.66 -0.24 0.00	52.95 -0.75 0.00	58.84 -0.65 0.00	53.33 -0.49 0.00	47.57 0.05 0.00	43.95 -0.04 0.00	39.39 0.16 0.00
ST_LAW_230_BK5_LBMP 345035	45.72 -0.09 0.00	41.98 -0.08 0.00	39.51 -0.04 0.00	39.74 0.08 0.00	41.12 0.25 0.00	43.89 0.13 0.00	53.28 -0.05 0.00	66.65 -0.20 0.00	54.90 -0.27 0.00	44.94 -0.18 0.00	38.42 -0.08 0.00	36.66 -0.04 0.00	36.12 -0.11 0.00	37.14 -0.15 0.00	38.09 -0.19 0.00	38.58 -0.12 0.00	42.85 -0.26 0.00	47.66 -0.24 0.00	53.00 -0.70 0.00	58.90 -0.59 0.00	53.38 -0.43 0.00	47.57 0.05 0.00	44.00 0.00 0.00	39.39 0.16 0.00
ST_LAW_230_BK6_LBMP 345036	45.72 -0.09 0.00	41.98 -0.08 0.00	39.51 -0.04 0.00	39.74 0.08 0.00	41.12 0.25 0.00	43.89 0.13 0.00	53.28 -0.05 0.00	66.65 -0.20 0.00	54.90 -0.27 0.00	44.94 -0.18 0.00	38.42 -0.08 0.00	36.66 -0.04 0.00	36.12 -0.11 0.00	37.14 -0.15 0.00	38.09 -0.19 0.00	38.58 -0.12 0.00	42.85 -0.26 0.00	47.66 -0.24 0.00	53.00 -0.70 0.00	58.90 -0.59 0.00	53.38 -0.43 0.00	47.57 0.05 0.00	44.00 0.00 0.00	39.39 0.16 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	46.64 0.82 0.00	42.83 0.76 0.00	40.14 0.59 0.00	40.22 0.56 0.00	41.32 0.45 0.00	44.41 0.66 0.00	54.45 1.12 0.00	68.32 1.47 0.00	56.13 1.38 0.43	42.33 1.44 4.24	39.73 1.23 0.00	37.91 1.21 0.00	37.54 1.30 0.00	38.60 1.31 0.00	39.62 1.34 0.00	40.09 1.39 0.00	42.04 1.55 2.62	44.35 1.63 5.17	50.32 1.66 5.05	58.20 1.78 3.08	54.27 1.40 0.94	48.45 1.28 0.35	45.23 1.23 0.00	40.21 0.98 0.00
SWANROAD_115KV_TB1 355699	42.38 -3.44 0.00	38.74 -3.32 0.00	36.46 -3.08 0.00	36.41 -3.25 0.00	37.48 -3.39 0.00	39.25 -4.51 0.00	46.24 -7.09 0.00	57.14 -9.69 0.02	46.80 -8.33 0.04	39.01 -5.87 0.24	33.53 -4.97 0.00	31.22 -5.25 0.22	31.14 -5.07 0.02	31.98 -5.30 0.02	30.66 -4.82 2.80	30.23 -4.84 3.63	34.84 -5.65 2.62	40.62 -6.85 0.43	45.63 -7.79 0.29	51.82 -7.50 0.18	47.09 -6.67 0.05	40.85 -6.65 0.02	37.97 -6.03 0.00	34.84 -4.39 0.00
SYNERGY__BIOGAS 323694	44.58 -1.24 0.00	40.72 -1.35 0.00	38.28 -1.27 0.00	38.31 -1.35 0.00	39.48 -1.39 0.00	41.70 -2.06 0.00	49.76 -3.57 0.00	61.82 -5.01 0.02	50.51 -4.64 0.04	41.74 -3.16 0.22	35.76 -2.73 0.00	33.53 -3.01 0.15	33.24 -2.97 0.02	34.14 -3.13 0.02	33.48 -2.91 1.89	33.35 -2.90 2.44	37.99 -3.32 1.80	43.12 -4.07 0.71	49.25 -4.19 0.26	55.65 -3.69 0.16	50.54 -3.23 0.05	43.94 -3.56 0.02	40.74 -3.26 0.00	36.96 -2.28 0.00
SYRACUSE__ENERGY_ST1 323597	46.00 0.18 0.00	42.15 0.08 0.00	39.59 0.04 0.00	39.70 0.04 0.00	40.95 0.08 0.00	43.80 0.04 0.00	53.33 0.00 0.00	66.92 0.07 0.00	55.18 0.00 0.00	45.16 0.05 0.00	38.53 0.04 0.00	36.69 0.00 0.00	36.23 0.00 0.00	37.29 0.00 0.00	38.24 -0.04 0.00	38.62 -0.08 0.00	43.06 -0.04 0.00	47.71 -0.19 0.00	53.70 0.00 0.00	59.55 0.06 0.00	53.87 0.05 0.00	47.47 -0.05 0.00	43.91 -0.09 0.00	39.19 -0.04 0.00
SYRACUSE__ENERGY_ST2 323598	46.00 0.18 0.00	42.15 0.08 0.00	39.59 0.04 0.00	39.70 0.04 0.00	40.95 0.08 0.00	43.80 0.04 0.00	53.33 0.00 0.00	66.92 0.07 0.00	55.18 0.00 0.00	45.16 0.05 0.00	38.53 0.04 0.00	36.69 0.00 0.00	36.23 0.00 0.00	37.29 0.00 0.00	38.24 -0.04 0.00	38.62 -0.08 0.00	43.06 -0.04 0.00	47.71 -0.19 0.00	53.70 0.00 0.00	59.55 0.06 0.00	53.87 0.05 0.00	47.47 -0.05 0.00	43.91 -0.09 0.00	39.19 -0.04 0.00
SYRACUSE__POWER 24017	45.91 0.09 0.00	42.07 0.00 0.00	39.51 -0.04 0.00	39.58 -0.08 0.00	40.83 -0.04 0.00	43.71 -0.04 0.00	53.22 -0.11 0.00	66.79 -0.07 0.00	55.07 -0.11 0.00	45.07 -0.05 0.00	38.46 -0.04 0.00	36.63 -0.07 0.00	36.16 -0.07 0.00	37.22 -0.07 0.00	38.17 -0.11 -0.01	38.58 -0.12 0.00	42.98 -0.13 0.00	47.61 -0.29 0.00	53.54 -0.16 0.00	59.44 -0.06 0.00	53.76 -0.05 0.00	47.33 -0.19 0.00	43.78 -0.22 0.00	39.08 -0.16 0.00
TALLMAN__138KV_BK151 55660	46.73 0.92 0.00	42.91 0.84 0.00	40.26 0.71 0.00	40.30 0.63 0.00	41.40 0.53 0.00	44.54 0.79 0.00	54.56 1.23 0.00	68.59 1.74 0.00	56.30 1.60 0.48	42.11 1.76 4.77	40.03 1.54 0.00	38.20 1.50 0.00	37.79 1.56 0.00	38.86 1.57 0.00	39.89 1.61 0.00	40.36 1.66 0.00	42.01 1.85 2.95	43.94 1.87 5.82	49.90 1.88 5.69	58.05 2.02 3.47	54.37 1.61 1.06	48.65 1.52 0.39	45.49 1.50 0.00	40.41 1.18 0.00
TEALLAVE_115KV_TB7 355573	45.72 -0.09 0.00	41.90 -0.17 0.00	39.35 -0.20 0.00	39.46 -0.20 0.00	40.71 -0.16 0.00	43.54 -0.22 0.00	53.01 -0.32 0.00	66.52 -0.33 0.00	54.85 -0.33 0.00	44.89 -0.23 0.00	38.34 -0.15 0.00	36.51 -0.18 0.00	36.05 -0.18 0.00	37.11 -0.19 0.00	38.05 -0.23 0.00	38.46 -0.23 0.00	42.85 -0.26 0.00	47.42 -0.48 0.00	53.38 -0.32 0.00	59.20 -0.30 0.00	53.55 -0.27 0.00	47.14 -0.38 0.00	43.65 -0.35 0.00	38.92 -0.31 0.00
TELEGRAPH_34_KV_EAST 80808	43.66 -2.15 0.00	39.88 -2.19 0.00	37.49 -2.06 0.00	37.52 -2.14 0.00	38.62 -2.25 0.00	40.65 -3.11 0.00	48.26 -5.07 0.00	59.81 -7.02 0.02	48.96 -6.18 0.04	40.60 -4.29 0.23	34.84 -3.66 0.00	32.59 -3.93 0.18	32.37 -3.84 0.02	33.29 -3.99 0.02	32.20 -3.79 2.29	31.94 -3.79 2.96	36.55 -4.40 2.16	42.13 -5.32 0.45	47.74 -5.69 0.27	54.03 -5.30 0.17	49.08 -4.68 0.05	42.65 -4.85 0.02	39.55 -4.44 0.00	36.09 -3.14 0.00
TEMPLE__115KV_TB 2 55572	45.77 -0.05 0.00	41.94 -0.13 0.00	39.39 -0.16 0.00	39.50 -0.16 0.00	40.75 -0.12 0.00	43.58 -0.18 0.00	53.06 -0.27 0.00	66.52 -0.33 0.00	54.90 -0.28 0.00	44.98 -0.14 0.00	38.38 -0.12 0.00	36.55 -0.15 0.00	36.09 -0.14 0.00	37.14 -0.15 0.00	38.09 -0.19 0.00	38.50 -0.19 0.00	42.89 -0.22 0.00	47.47 -0.43 0.00	53.38 -0.32 0.00	59.26 -0.24 0.00	53.60 -0.22 0.00	47.19 -0.33 0.00	43.65 -0.35 0.00	38.96 -0.27 0.00

TIANA___69_KV_BK 1 55817	47.74 1.92 0.00	43.62 1.56 0.00	40.65 1.11 0.00	40.65 0.99 0.00	41.81 0.94 0.00	45.16 1.40 0.00	55.46 2.13 0.00	70.06 3.21 0.00	57.91 2.54 -0.19	50.06 3.02 -1.92	41.78 3.27 -0.01	39.67 2.97 0.00	39.28 3.04 -0.01	40.24 2.95 0.00	41.19 2.91 0.00	41.37 2.67 0.00	47.53 3.23 -1.19	53.78 3.54 -2.34	60.51 4.51 -2.30	65.66 4.76 -1.40	58.45 4.20 -0.43	51.49 3.80 -0.17	47.35 3.34 -0.01	41.82 2.59 0.00
TILDEN___115KV_TB1 80814	45.91 0.09 0.00	42.07 0.00 0.00	39.51 -0.04 0.00	39.58 -0.08 0.00	40.83 -0.04 0.00	43.71 -0.04 0.00	53.22 -0.11 0.00	66.79 -0.07 0.00	55.07 -0.11 0.00	45.07 -0.05 0.00	38.46 -0.04 0.00	36.63 -0.07 0.00	36.16 -0.07 0.00	37.22 -0.07 0.00	38.17 -0.11 -0.01	38.58 -0.12 0.00	42.98 -0.13 0.00	47.61 -0.29 0.00	53.54 -0.16 0.00	59.44 -0.06 0.00	53.76 -0.05 0.00	47.33 -0.19 0.00	43.78 -0.22 0.00	39.08 -0.16 0.00
TRIGEN___CC 323695	47.47 1.65 0.00	43.50 1.43 0.00	40.61 1.07 0.00	40.65 0.99 0.00	41.77 0.90 0.00	45.03 1.27 0.00	55.14 1.81 0.00	69.46 2.61 0.00	57.63 2.26 -0.19	49.70 2.66 -1.92	40.97 2.46 -0.02	39.08 2.39 0.00	38.71 2.46 -0.02	39.72 2.42 0.00	40.77 2.49 0.00	41.17 2.48 0.00	47.11 2.80 -1.20	53.11 2.87 -2.34	59.12 3.11 -2.30	64.18 3.27 -1.41	57.05 2.80 -0.44	50.26 2.57 -0.17	46.48 2.46 -0.02	41.27 2.04 0.00
TRINITY___115KV___4 BK 55933	46.05 0.23 0.00	42.45 0.38 0.00	39.94 0.40 0.00	40.06 0.40 0.00	41.16 0.29 0.00	44.19 0.44 0.00	53.97 0.64 0.00	67.72 0.87 0.00	56.10 0.88 -0.04	45.99 0.50 -0.37	38.92 0.42 0.00	37.10 0.40 0.00	36.67 0.43 0.00	37.70 0.41 0.00	38.70 0.42 0.00	39.24 0.54 0.00	44.02 0.69 -0.23	49.21 0.86 -0.45	55.01 0.86 -0.44	60.60 0.83 -0.27	54.60 0.70 -0.08	48.17 0.62 -0.03	44.61 0.62 0.00	39.63 0.39 0.00
UNION___PROCESSING_DRP 323587	45.13 -0.69 0.00	41.27 -0.80 0.00	38.80 -0.75 0.00	38.87 -0.79 0.00	40.09 -0.78 0.00	42.71 -1.05 0.00	51.46 -1.87 0.00	64.30 -2.54 0.01	52.79 -2.37 0.01	43.63 -1.49 0.00	37.26 -1.23 0.00	35.25 -1.43 0.01	34.81 -1.41 0.01	35.75 -1.53 0.01	36.65 -1.61 0.02	37.15 -1.55 0.00	41.34 -1.77 0.00	45.71 -2.20 -0.02	51.66 -2.04 0.00	57.71 -1.78 0.00	52.25 -1.56 0.00	45.67 -1.85 0.00	42.28 -1.72 0.00	37.98 -1.26 0.00
UPPER HUDSON___HYD 24058	46.41 0.59 0.00	42.66 0.59 0.00	40.10 0.55 0.00	40.26 0.60 0.00	41.44 0.57 0.00	44.55 0.79 0.00	54.61 1.28 0.00	68.59 1.74 0.00	56.42 1.21 -0.03	45.98 0.54 -0.32	38.73 0.23 0.00	36.73 0.04 0.00	36.41 0.18 0.00	37.59 0.30 0.00	38.66 0.38 0.00	39.28 0.58 0.00	44.04 0.73 -0.20	49.39 1.10 -0.39	55.48 1.39 -0.38	61.15 1.43 -0.23	55.07 1.18 -0.07	48.50 0.95 -0.03	44.88 0.88 0.00	39.74 0.51 0.00
UPPER RAQUET___HYD 24056	45.17 -0.64 0.00	41.48 -0.59 0.00	39.03 -0.52 0.00	39.30 -0.36 0.00	40.38 -0.49 0.00	43.01 -0.74 0.00	52.47 -0.86 0.00	65.65 -1.20 0.00	53.63 -1.54 0.00	43.54 -1.58 0.00	37.11 -1.38 0.00	35.45 -1.25 0.00	34.93 -1.30 0.00	35.88 -1.42 0.00	36.86 -1.42 0.00	37.46 -1.24 0.00	41.64 -1.47 0.00	46.46 -1.44 0.00	51.66 -2.04 0.00	57.65 -1.84 0.00	52.09 -1.72 0.00	47.04 -0.48 0.00	43.42 -0.57 0.00	38.96 -0.27 0.00
VALLEY44_115KV_TB2 355964	43.89 -1.92 0.00	40.01 -2.06 0.00	37.61 -1.94 0.00	37.56 -2.10 0.00	38.62 -2.25 0.00	40.83 -2.93 0.00	48.69 -4.64 0.00	60.74 -6.08 0.03	49.94 -5.19 0.05	40.54 -4.29 0.29	34.76 -3.73 0.00	33.10 -3.45 0.15	32.73 -3.48 0.03	33.87 -3.39 0.03	33.36 -3.22 1.70	32.11 -4.41 2.18	36.45 -5.00 1.66	41.79 -5.65 0.46	47.61 -5.75 0.35	53.87 -5.41 0.21	49.07 -4.68 0.06	42.79 -4.70 0.02	39.64 -4.36 0.00	36.29 -2.94 0.00
VALLEY___115KV_TB 1-4 80826	45.45 -0.37 0.00	41.77 -0.29 0.00	39.27 -0.28 0.00	39.42 -0.24 0.00	40.62 -0.25 0.00	43.58 -0.18 0.00	53.28 -0.05 0.00	66.85 0.00 0.00	55.18 0.00 0.00	45.03 -0.09 0.00	38.34 -0.15 0.00	36.55 -0.15 0.00	36.05 -0.18 0.00	37.07 -0.22 0.00	38.05 -0.23 0.00	38.46 -0.23 0.00	42.85 -0.26 0.00	47.56 -0.34 0.00	53.33 -0.38 0.00	59.02 -0.48 0.00	53.38 -0.43 0.00	47.14 -0.38 0.00	43.65 -0.35 0.00	38.88 -0.35 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	47.56 1.74 0.00	43.58 1.51 0.00	40.93 1.38 0.00	41.05 1.39 0.00	42.22 1.35 0.00	45.29 1.53 0.00	55.52 2.19 0.00	69.59 2.74 0.00	57.48 2.37 0.07	46.18 1.76 0.70	39.80 1.31 0.00	38.05 1.36 0.00	37.54 1.30 0.00	38.67 1.38 0.00	39.81 1.53 0.00	40.24 1.55 0.00	44.49 1.81 0.43	48.92 1.87 0.85	55.02 2.15 0.83	61.31 2.32 0.51	55.70 2.04 0.15	49.22 1.76 0.06	45.63 1.63 0.00	40.68 1.45 0.00
VISCHER___FERRY HYD 24020	46.41 0.59 0.00	42.74 0.67 0.00	40.22 0.67 0.00	40.33 0.67 0.00	41.48 0.61 0.00	44.59 0.83 0.00	54.61 1.28 0.00	68.39 1.54 0.00	56.54 1.32 -0.04	46.20 0.72 -0.36	39.11 0.61 0.00	37.17 0.48 0.00	36.78 0.54 0.00	37.82 0.52 0.00	38.85 0.58 0.00	39.39 0.70 0.00	44.19 0.86 -0.22	49.48 1.15 -0.44	55.42 1.29 -0.43	61.12 1.37 -0.26	55.08 1.18 -0.08	48.50 0.95 -0.03	44.88 0.88 0.00	39.82 0.59 0.00
V_A_10_SYNC_DSASP 323832	43.43 -2.38 0.00	39.59 -2.48 0.00	37.25 -2.29 0.00	37.28 -2.38 0.00	38.38 -2.49 0.00	40.43 -3.33 0.00	47.89 -5.44 0.00	59.35 -7.49 0.02	48.63 -6.51 0.04	40.52 -4.38 0.22	34.84 -3.66 0.00	32.45 -4.07 0.17	32.30 -3.91 0.02	33.14 -4.14 0.02	31.79 -4.33 2.16	31.71 -4.18 2.81	36.23 -4.83 2.05	41.77 -5.75 0.38	47.53 -5.91 0.27	53.68 -5.65 0.16	48.76 -5.00 0.05	42.46 -5.04 0.02	39.38 -4.62 0.00	35.90 -3.33 0.00
V_CMM_10_SYNC_DSASP 323787	45.95 0.14 0.00	42.19 0.13 0.00	39.74 0.20 0.00	39.98 0.32 0.00	41.36 0.49 0.00	44.11 0.35 0.00	53.28 -0.05 0.00	66.65 -0.20 0.00	54.85 -0.33 0.00	45.12 0.00 0.00	38.57 0.08 0.00	36.77 0.07 0.00	36.30 0.07 0.00	37.33 0.04 0.00	38.28 0.00 0.00	38.77 0.08 0.00	43.06 -0.04 0.00	47.90 0.00 0.00	53.22 -0.48 0.00	58.90 -0.59 0.00	53.33 -0.48 0.00	47.71 0.19 0.00	44.17 0.18 0.00	39.63 0.39 0.00
V_CMP_10_SYNC_DSASP 323788	46.92 1.10 0.00	43.12 1.05 0.00	40.65 1.11 0.00	41.01 1.35 0.00	42.55 1.68 0.00	45.42 1.66 0.00	55.30 1.97 0.00	69.26 2.41 0.00	56.94 1.77 0.00	46.47 1.35 0.00	39.69 1.19 0.00	37.80 1.10 0.00	37.32 1.09 0.00	38.41 1.12 0.00	39.31 1.03 0.00	39.86 1.16 0.00	43.67 0.56 0.00	48.62 0.72 0.00	54.19 0.48 0.00	60.15 0.65 0.00	54.51 0.70 0.00	48.52 1.00 0.00	44.88 0.88 0.00	40.25 1.02 0.00
V_D_10_SYNC_DSASP 323841	46.27 0.46 0.00	42.49 0.42 0.00	39.98 0.44 0.00	40.26 0.59 0.00	41.69 0.82 0.00	44.41 0.66 0.00	53.92 0.59 0.00	67.45 0.60 0.00	55.40 0.22 0.00	45.30 0.18 0.00	38.73 0.23 0.00	36.91 0.22 0.00	36.45 0.22 0.00	37.52 0.22 0.00	38.47 0.19 0.00	38.97 0.27 0.00	43.24 0.13 0.00	48.14 0.24 0.00	53.60 -0.11 0.00	59.49 0.00 0.00	53.87 0.05 0.00	47.99 0.48 0.00	44.44 0.44 0.00	39.86 0.63 0.00

V_E_10_SYNC_DSASP 323830	48.84 3.02 0.00	44.68 2.61 0.00	41.96 2.41 0.00	42.16 2.50 0.00	43.49 2.62 0.00	46.64 2.89 0.00	57.17 3.84 0.00	71.76 4.88 -0.03	58.67 3.53 0.04	46.72 2.30 0.70	39.84 1.35 0.00	37.89 1.14 -0.06	37.16 0.91 -0.03	38.14 0.82 -0.03	39.87 1.07 -0.51	40.55 1.24 -0.62	44.78 1.68 0.01	49.04 1.96 0.83	55.72 2.85 0.83	62.38 3.39 0.51	56.67 3.01 0.16	50.03 2.57 0.06	46.29 2.29 0.00	41.39 2.16 0.00
V_F_30_NSYNC_DSASP 323816	47.01 1.19 0.00	43.20 1.14 0.00	40.61 1.07 0.00	40.77 1.11 0.00	41.93 1.06 0.00	45.03 1.27 0.00	55.20 1.87 0.00	69.19 2.34 0.00	57.03 1.82 -0.03	46.53 1.08 -0.33	39.30 0.81 0.00	37.39 0.70 0.00	36.96 0.72 0.00	38.11 0.82 0.00	39.20 0.92 0.00	39.74 1.04 0.00	44.56 1.25 -0.20	49.92 1.63 -0.40	55.97 1.88 -0.39	61.75 2.02 -0.24	55.66 1.78 -0.07	49.07 1.52 -0.03	45.36 1.36 0.00	40.21 0.98 0.00
V_F_30_SYNC_DSASP 323786	46.18 0.37 0.00	42.53 0.46 0.00	40.02 0.47 0.00	40.14 0.48 0.00	41.24 0.37 0.00	44.28 0.53 0.00	54.08 0.75 0.00	67.85 1.00 0.00	56.26 1.05 -0.04	46.08 0.59 -0.37	39.03 0.54 0.00	37.17 0.48 0.00	36.74 0.51 0.00	37.82 0.52 0.00	38.85 0.57 0.00	39.35 0.66 0.00	44.15 0.82 -0.23	49.31 0.96 -0.45	55.17 1.02 -0.44	60.78 1.01 -0.27	54.70 0.81 -0.08	48.26 0.71 -0.03	44.75 0.75 0.00	39.70 0.47 0.00
V_XM_10_SYNC_DSASP 323789	46.92 1.10 0.00	43.12 1.05 0.00	40.65 1.11 0.00	41.01 1.35 0.00	42.55 1.68 0.00	45.42 1.66 0.00	55.30 1.97 0.00	69.26 2.41 0.00	56.94 1.77 0.00	46.47 1.35 0.00	39.69 1.19 0.00	37.80 1.10 0.00	37.32 1.09 0.00	38.41 1.12 0.00	39.31 1.03 0.00	39.86 1.16 0.00	43.67 0.56 0.00	48.62 0.72 0.00	54.19 0.48 0.00	60.15 0.65 0.00	54.51 0.70 0.00	48.52 1.00 0.00	44.88 0.88 0.00	40.25 1.02 0.00
W.BABYLN_69_KV_BK1 56697	48.11 2.29 0.00	44.05 1.98 0.00	41.09 1.54 0.00	41.09 1.43 0.00	42.22 1.35 0.00	45.55 1.79 0.00	55.84 2.51 0.00	70.39 3.54 0.00	58.30 2.92 -0.19	50.38 3.34 -1.92	41.62 3.12 -0.01	39.59 2.90 0.00	39.25 3.01 -0.01	40.24 2.95 0.00	41.27 2.99 0.00	41.71 3.02 0.00	47.79 3.49 -1.19	53.93 3.69 -2.34	60.30 4.30 -2.30	65.54 4.64 -1.41	58.23 3.98 -0.44	51.20 3.52 -0.17	47.35 3.34 -0.01	41.98 2.75 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	46.87 1.05 0.00	43.04 0.97 0.00	40.38 0.83 0.00	40.41 0.75 0.00	41.56 0.69 0.00	44.68 0.92 0.00	54.72 1.39 0.00	68.79 1.94 0.00	56.45 1.77 0.49	42.05 1.85 4.92	40.11 1.62 0.00	38.27 1.58 0.00	37.86 1.63 0.00	38.93 1.64 0.00	39.96 1.68 0.00	40.48 1.78 0.00	42.01 1.94 3.04	43.90 2.01 6.01	49.88 2.04 5.87	58.12 2.20 3.58	54.50 1.78 1.09	48.73 1.62 0.41	45.63 1.63 0.00	40.53 1.29 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	47.33 1.51 0.00	43.41 1.35 0.00	40.65 1.11 0.00	40.69 1.03 0.00	41.85 0.98 0.00	45.11 1.36 0.00	55.30 1.97 0.00	69.59 2.74 0.00	57.91 2.54 -0.19	49.62 2.57 -1.93	40.73 2.23 0.00	38.82 2.13 0.00	38.48 2.25 0.00	39.53 2.24 0.00	40.58 2.30 0.00	41.06 2.36 0.00	46.88 2.59 -1.19	52.93 2.68 -2.35	58.74 2.74 -2.30	63.81 2.92 -1.40	56.66 2.42 -0.43	49.96 2.28 -0.16	46.11 2.11 0.00	40.92 1.69 0.00
W50THST__13_KV_LOAD 356117	47.51 1.70 0.00	43.58 1.51 0.00	40.81 1.27 0.00	40.85 1.19 0.00	41.97 1.10 0.00	45.29 1.53 0.00	55.52 2.19 0.00	69.86 3.01 0.00	58.19 2.81 -0.19	49.84 2.80 -1.93	40.92 2.43 0.00	39.01 2.31 0.00	38.66 2.43 0.00	39.72 2.42 0.00	40.77 2.49 0.00	41.25 2.55 0.00	47.10 2.80 -1.19	53.12 2.87 -2.35	58.95 2.95 -2.30	64.11 3.21 -1.40	56.88 2.64 -0.43	50.10 2.42 -0.16	46.29 2.29 0.00	41.08 1.84 0.00
WADING RIVER_IC_1 23522	46.96 1.15 0.00	42.95 0.88 0.00	40.02 0.48 0.00	40.02 0.36 0.00	41.20 0.33 0.00	44.50 0.74 0.00	54.50 1.17 0.00	68.99 2.14 0.00	57.14 1.77 -0.19	49.29 2.26 -1.92	41.24 2.73 -0.01	39.05 2.35 0.00	38.81 2.57 -0.01	39.79 2.50 0.00	40.31 2.03 0.00	40.90 2.20 0.00	47.06 2.76 -1.19	53.59 3.35 -2.34	59.76 3.76 -2.30	64.95 4.05 -1.40	57.91 3.66 -0.43	50.73 3.04 -0.17	46.95 2.95 -0.01	41.51 2.27 0.00
WADING RIVER_IC_2 23547	46.96 1.15 0.00	42.95 0.88 0.00	40.02 0.48 0.00	40.02 0.36 0.00	41.20 0.33 0.00	44.50 0.74 0.00	54.50 1.17 0.00	68.99 2.14 0.00	57.14 1.77 -0.19	49.29 2.26 -1.92	41.24 2.73 -0.01	39.05 2.35 0.00	38.81 2.57 -0.01	39.79 2.50 0.00	40.31 2.03 0.00	40.90 2.20 0.00	47.06 2.76 -1.19	53.59 3.35 -2.34	59.76 3.76 -2.30	64.95 4.05 -1.40	57.91 3.66 -0.43	50.73 3.04 -0.17	46.95 2.95 -0.01	41.51 2.27 0.00
WADING RIVER_IC_3 23601	46.96 1.15 0.00	42.95 0.88 0.00	40.02 0.48 0.00	40.02 0.36 0.00	41.20 0.33 0.00	44.50 0.74 0.00	54.50 1.17 0.00	68.99 2.14 0.00	57.14 1.77 -0.19	49.29 2.26 -1.92	41.24 2.73 -0.01	39.05 2.35 0.00	38.81 2.57 -0.01	39.79 2.50 0.00	40.31 2.03 0.00	40.90 2.20 0.00	47.06 2.76 -1.19	53.59 3.35 -2.34	59.76 3.76 -2.30	64.95 4.05 -1.40	57.91 3.66 -0.43	50.73 3.04 -0.17	46.95 2.95 -0.01	41.51 2.27 0.00
WALDENNY_12_KV_BK2 80841	43.71 -2.11 0.00	39.88 -2.19 0.00	37.49 -2.06 0.00	37.44 -2.22 0.00	38.50 -2.37 0.00	40.48 -3.28 0.00	47.94 -5.39 0.00	59.41 -7.42 0.02	48.67 -6.46 0.05	40.21 -4.65 0.26	34.53 -3.96 0.00	32.27 -4.15 0.28	32.19 -4.02 0.02	33.13 -4.14 0.02	30.61 -4.13 3.54	29.65 -4.45 4.60	34.64 -5.17 3.29	41.43 -6.04 0.43	47.22 -6.18 0.31	53.53 -5.77 0.19	48.70 -5.06 0.06	42.37 -5.13 0.02	39.29 -4.71 0.00	35.98 -3.26 0.00
WALDEN__HYDRO 24148	46.92 1.10 0.00	43.04 0.97 0.00	40.38 0.83 0.00	40.45 0.79 0.00	41.56 0.69 0.00	44.68 0.92 0.00	54.77 1.44 0.00	68.72 1.87 0.00	56.64 1.66 0.20	44.72 1.58 1.98	39.80 1.31 0.00	38.02 1.32 0.00	37.61 1.38 0.00	38.67 1.38 0.00	39.70 1.42 0.00	40.21 1.51 0.00	43.61 1.72 1.22	47.30 1.82 2.42	53.28 1.93 2.36	60.14 2.08 1.44	55.04 1.67 0.44	48.83 1.47 0.16	45.41 1.41 0.00	40.37 1.14 0.00
WARRENSBURG____ 23737	46.41 0.60 0.00	42.66 0.59 0.00	40.10 0.55 0.00	40.26 0.59 0.00	41.44 0.57 0.00	44.54 0.79 0.00	54.61 1.28 0.00	68.59 1.74 0.00	56.42 1.21 -0.03	45.98 0.54 -0.32	38.76 0.27 0.00	36.80 0.11 0.00	36.41 0.18 0.00	37.59 0.30 0.00	38.70 0.42 0.00	39.28 0.58 0.00	44.04 0.73 -0.20	49.39 1.10 -0.39	55.43 1.34 -0.38	61.10 1.37 -0.23	55.07 1.18 -0.07	48.50 0.95 -0.03	44.88 0.88 0.00	39.74 0.51 0.00
WATERSIDE__6 8 9 23538	47.52 1.70 -0.01	43.59 1.51 -0.01	40.77 1.23 0.00	40.81 1.15 0.00	41.97 1.10 0.00	45.20 1.44 0.00	55.20 1.87 0.00	69.32 2.47 0.00	57.74 2.37 -0.19	49.70 2.66 -1.92	40.84 2.35 0.00	38.90 2.20 0.00	38.55 2.32 0.00	39.61 2.31 0.00	40.69 2.41 0.00	41.17 2.48 0.00	47.01 2.72 -1.19	52.98 2.73 -2.35	58.63 2.63 -2.29	63.69 2.80 -1.40	56.56 2.31 -0.43	50.01 2.33 -0.16	46.24 2.24 0.00	41.08 1.84 -0.01

WATKINRD_115KV_LN8_ILLLION 55919	45.59 -0.23 0.00	41.86 -0.21 0.00	39.39 -0.16 0.00	39.50 -0.16 0.00	40.71 -0.16 0.00	43.63 -0.13 0.00	53.28 -0.05 0.00	66.85 0.00 0.00	55.18 0.00 0.00	45.03 -0.09 0.00	38.38 -0.12 0.00	36.58 -0.11 0.00	36.12 -0.11 0.00	37.14 -0.15 0.00	38.16 -0.11 0.00	38.58 -0.12 0.00	42.98 -0.13 0.00	47.75 -0.14 0.00	53.54 -0.16 0.00	59.26 -0.24 0.00	53.60 -0.22 0.00	47.33 -0.19 0.00	43.78 -0.22 0.00	39.00 -0.24 0.00
WDELAWARE___HYD 323627	47.42 1.60 0.00	43.50 1.43 0.00	40.77 1.23 0.00	40.93 1.27 0.00	42.06 1.19 0.00	45.16 1.40 0.00	55.46 2.14 0.00	69.19 2.34 0.00	57.11 2.10 0.16	45.10 1.58 1.60	39.61 1.12 0.00	37.83 1.14 0.00	37.43 1.19 0.00	38.45 1.16 0.00	39.50 1.22 0.00	40.01 1.32 0.00	43.71 1.60 0.99	47.72 1.77 1.95	53.84 2.04 1.91	60.53 2.20 1.16	55.13 1.67 0.36	48.77 1.38 0.13	45.32 1.32 0.00	40.37 1.14 0.00
WEST BABYLON___IC 23714	48.11 2.29 0.00	44.05 1.98 0.00	41.09 1.54 0.00	41.09 1.43 0.00	42.22 1.35 0.00	45.55 1.79 0.00	55.84 2.51 0.00	70.39 3.54 0.00	58.30 2.92 -0.19	50.38 3.34 -1.92	41.62 3.12 -0.01	39.59 2.90 0.00	39.25 3.01 -0.01	40.24 2.95 0.00	41.27 2.99 0.00	41.71 3.02 0.00	47.79 3.49 -1.19	53.93 3.69 -2.34	60.30 4.30 -2.30	65.54 4.64 -1.41	58.23 3.98 -0.44	51.20 3.52 -0.17	47.35 3.34 -0.01	41.98 2.75 0.00
WEST CANADA___HYD 24049	45.77 -0.05 0.00	42.07 0.00 0.00	39.51 -0.04 0.00	39.62 -0.04 0.00	40.83 -0.04 0.00	43.76 0.00 0.00	53.38 0.05 0.00	66.92 0.07 0.00	55.23 0.06 0.00	45.12 0.00 0.00	38.49 0.00 0.00	36.69 0.00 0.00	36.23 0.00 0.00	37.29 0.00 0.00	38.32 0.04 0.00	38.74 0.04 0.00	43.15 0.04 0.00	47.95 0.05 0.00	53.81 0.11 0.00	59.55 0.06 0.00	53.87 0.05 0.00	47.52 0.00 0.00	44.00 0.00 0.00	39.23 0.00 0.00
WESTERN_NY_WIND 24143	44.44 -1.37 0.00	40.60 -1.47 0.00	38.16 -1.38 0.00	38.23 -1.43 0.00	39.40 -1.47 0.00	41.61 -2.14 0.00	49.54 -3.79 0.00	61.55 -5.28 0.00	50.28 -4.86 0.04	41.60 -3.29 0.22	35.65 -2.85 0.00	33.41 -3.12 0.16	33.14 -3.08 0.02	34.03 -3.24 0.02	33.21 -3.06 2.04	32.99 -3.06 2.64	37.67 -3.49 1.94	42.99 -4.26 0.65	49.03 -4.40 0.27	55.46 -3.87 0.16	50.37 -3.39 0.05	43.75 -3.75 0.02	40.57 -3.43 0.00	36.84 -2.39 0.00
WESTOVER___LESR 323668	46.05 0.23 0.00	42.19 0.13 0.00	39.63 0.08 0.00	39.70 0.04 0.00	40.91 0.04 0.00	43.71 -0.04 0.00	53.12 -0.21 0.00	66.38 -0.47 0.00	54.69 -0.44 0.05	44.30 -0.32 0.51	38.19 -0.31 0.00	36.36 -0.33 0.00	35.87 -0.36 0.00	36.96 -0.34 0.00	37.94 -0.34 0.00	38.35 -0.35 0.00	42.45 -0.34 0.31	46.73 -0.53 0.64	52.78 -0.32 0.60	58.95 -0.18 0.37	53.59 -0.11 0.11	47.19 -0.29 0.04	43.73 -0.26 0.00	39.15 -0.08 0.00
WETHRSFD_WT_PWR 323626	44.26 -1.56 0.00	40.38 -1.68 0.00	37.96 -1.58 0.00	38.00 -1.66 0.00	39.07 -1.80 0.00	41.22 -2.54 0.00	49.06 -4.27 0.00	60.81 -6.02 0.03	49.82 -5.30 0.06	40.68 -4.15 0.29	34.76 -3.73 0.00	31.99 -3.85 0.86	32.22 -3.99 0.03	33.09 -4.18 0.03	22.77 -4.17 11.33	19.39 -4.49 14.82	27.89 -4.96 10.26	41.89 -5.56 0.45	48.04 -5.32 0.35	54.17 -5.12 0.21	49.55 -4.20 0.06	43.27 -4.23 0.02	40.26 -3.74 0.00	36.60 -2.63 0.00
WHAVSTOR_138KV_BK127 55557	46.73 0.92 0.00	42.91 0.84 0.00	40.26 0.71 0.00	40.30 0.63 0.00	41.44 0.57 0.00	44.54 0.79 0.00	54.56 1.23 0.00	68.59 1.74 0.00	56.28 1.60 0.50	41.92 1.76 4.95	40.03 1.54 0.00	38.20 1.50 0.00	37.83 1.59 0.00	38.86 1.57 0.00	39.89 1.61 0.00	40.40 1.70 0.00	41.90 1.85 3.06	43.72 1.87 6.05	49.68 1.88 5.91	57.91 2.02 3.60	54.33 1.61 1.10	48.63 1.52 0.41	45.49 1.50 0.00	40.45 1.22 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	46.73 0.92 0.00	42.91 0.84 0.00	40.26 0.71 0.00	40.30 0.63 0.00	41.44 0.57 0.00	44.54 0.79 0.00	54.56 1.23 0.00	68.59 1.74 0.00	56.28 1.60 0.50	41.92 1.76 4.95	40.03 1.54 0.00	38.20 1.50 0.00	37.83 1.59 0.00	38.86 1.57 0.00	39.89 1.61 0.00	40.40 1.70 0.00	41.90 1.85 3.06	43.72 1.87 6.05	49.68 1.88 5.91	57.91 2.02 3.60	54.33 1.61 1.10	48.63 1.52 0.41	45.49 1.50 0.00	40.45 1.22 0.00
WHITEHAL_115KV_TB1 80871	46.55 0.73 0.00	42.74 0.67 0.00	40.18 0.63 0.00	40.37 0.71 0.00	41.52 0.65 0.00	44.72 0.96 0.00	54.93 1.60 0.00	68.92 2.07 0.00	56.54 1.32 -0.03	45.89 0.45 -0.32	38.57 0.08 0.00	36.62 -0.07 0.00	36.23 0.00 0.00	37.44 0.15 0.00	38.59 0.31 0.00	39.20 0.50 0.00	44.04 0.73 -0.20	49.54 1.25 -0.39	55.75 1.66 -0.38	61.45 1.73 -0.23	55.39 1.51 -0.07	48.73 1.19 -0.03	45.05 1.06 0.00	39.78 0.55 0.00
WHITEPLN_13_KV_LOAD 356215	47.51 1.70 0.00	43.62 1.56 0.00	40.85 1.31 0.00	40.89 1.23 0.00	42.01 1.14 0.00	45.33 1.58 0.00	55.57 2.24 0.00	70.06 3.21 0.00	58.19 2.81 -0.20	49.80 2.71 -1.97	40.80 2.31 0.00	38.93 2.24 0.00	38.51 2.28 0.00	39.61 2.31 0.00	40.69 2.41 0.00	41.13 2.44 0.00	47.04 2.72 -1.22	53.23 3.01 -2.41	59.06 3.27 -2.35	64.20 3.27 -1.43	56.94 2.69 -0.44	50.15 2.47 -0.16	46.33 2.33 0.00	41.12 1.88 0.00
WM_FLOYD_69_KV_BK2 356380	47.47 1.65 0.00	43.41 1.35 0.00	40.46 0.91 0.00	40.45 0.79 0.00	41.61 0.74 0.00	44.94 1.18 0.00	55.14 1.81 0.00	69.59 2.74 0.00	57.58 2.21 -0.19	49.75 2.71 -1.92	41.43 2.93 -0.01	39.34 2.64 0.00	38.99 2.75 -0.01	39.98 2.69 0.00	40.96 2.68 0.00	41.21 2.52 0.00	47.32 3.02 -1.19	53.54 3.30 -2.34	60.19 4.19 -2.30	65.30 4.40 -1.40	58.12 3.87 -0.43	51.20 3.52 -0.17	47.17 3.17 -0.01	41.70 2.47 0.00
WOODARD_115KV_TB2 355635	45.63 -0.18 0.00	41.82 -0.25 0.00	39.27 -0.28 0.00	39.38 -0.28 0.00	40.62 -0.25 0.00	43.45 -0.31 0.00	52.90 -0.43 0.00	66.38 -0.47 0.00	54.79 -0.39 0.00	44.85 -0.27 0.00	38.26 -0.23 0.00	36.44 -0.26 0.00	35.98 -0.25 0.00	37.03 -0.26 0.00	37.97 -0.31 0.00	38.39 -0.31 0.00	42.76 -0.34 0.00	47.37 -0.53 0.00	53.33 -0.38 0.00	59.14 -0.36 0.00	53.49 -0.32 0.00	47.09 -0.43 0.00	43.60 -0.40 0.00	38.88 -0.35 0.00
WOODMERE_69_KV_BK1 55827	47.88 2.06 0.00	43.88 1.81 0.00	40.97 1.42 0.00	41.01 1.35 0.00	42.14 1.27 0.00	45.38 1.62 0.00	55.62 2.29 0.00	70.13 3.28 0.00	58.13 2.76 -0.19	50.15 3.11 -1.92	41.32 2.81 -0.02	39.41 2.72 0.00	39.07 2.83 -0.02	40.05 2.76 0.00	41.07 2.79 0.00	41.52 2.82 0.00	47.54 3.23 -1.20	53.64 3.40 -2.34	59.71 3.71 -2.30	64.95 4.05 -1.41	57.65 3.39 -0.44	50.73 3.04 -0.17	46.92 2.90 -0.02	41.63 2.39 0.00
YORK___WARBASSE 23770	47.84 2.02 -0.01	43.88 1.81 -0.01	41.01 1.46 0.00	41.01 1.35 0.00	42.18 1.31 0.00	45.42 1.66 0.00	55.09 2.76 0.00	69.12 3.28 0.00	57.58 2.21 -0.19	49.84 2.80 -1.92	40.96 2.46 0.00	39.01 2.31 0.00	38.69 2.46 0.00	39.75 2.46 0.00	40.81 2.53 0.00	41.33 2.63 0.00	47.14 2.84 -1.19	53.02 2.78 -2.35	58.57 2.58 -2.29	63.63 2.74 -1.40	56.56 2.31 -0.43	50.20 2.52 -0.16	46.42 2.42 0.00	41.32 2.08 -0.01