

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/24/2026

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	49.65 2.59 0.00	47.03 2.54 0.00	45.03 2.14 0.00	44.83 2.05 0.00	46.74 1.88 0.00	50.97 2.43 0.00	73.63 3.97 0.00	114.33 6.88 0.00	68.26 4.17 0.00	48.34 3.41 -3.87	45.05 2.95 -4.74	40.91 2.97 -1.33	38.57 2.84 -1.03	38.48 2.64 -2.83	34.53 2.30 -3.06	35.92 2.48 -1.68	42.27 2.89 -3.67	53.59 3.66 -6.87	68.00 4.88 -3.65	79.50 5.64 -5.05	74.42 5.64 0.00	57.94 3.94 0.00	52.10 3.54 0.00	46.53 2.88 0.00
74TH STREET_GT_1 24260	49.60 2.54 0.00	46.99 2.49 0.00	44.99 2.10 0.00	44.83 2.05 0.00	46.69 1.84 0.00	50.92 2.38 0.00	73.49 3.83 0.00	114.11 6.66 0.00	68.13 4.04 0.00	48.25 3.33 -3.86	44.97 2.88 -4.73	40.87 2.93 -1.33	38.50 2.78 -1.03	38.41 2.57 -2.83	34.47 2.25 -3.06	35.85 2.41 -1.68	42.19 2.82 -3.67	53.54 3.62 -6.86	67.94 4.82 -3.64	79.42 5.57 -5.04	74.35 5.57 0.00	57.89 3.89 0.00	52.05 3.50 0.00	46.48 2.84 0.00
74TH STREET_GT_2 24261	49.60 2.54 0.00	46.99 2.49 0.00	44.99 2.10 0.00	44.83 2.05 0.00	46.69 1.84 0.00	50.92 2.38 0.00	73.49 3.83 0.00	114.11 6.66 0.00	68.13 4.04 0.00	48.25 3.33 -3.86	44.97 2.88 -4.73	40.87 2.93 -1.33	38.50 2.78 -1.03	38.41 2.57 -2.83	34.47 2.25 -3.06	35.85 2.41 -1.68	42.19 2.82 -3.67	53.54 3.62 -6.86	67.94 4.82 -3.64	79.42 5.57 -5.04	74.35 5.57 0.00	57.89 3.89 0.00	52.05 3.50 0.00	46.48 2.84 0.00
ADK HUDSON__FALLS 24011	47.96 0.89 0.00	45.39 0.89 0.00	43.66 0.77 0.00	43.46 0.68 0.00	45.57 0.72 0.00	49.56 1.02 0.00	71.54 1.88 0.00	110.35 2.90 0.00	65.50 1.41 0.00	42.47 0.57 -0.83	39.09 0.71 -1.02	37.52 0.62 -0.29	35.44 0.52 -0.22	34.21 0.59 -0.61	30.23 0.41 -0.66	32.79 0.67 -0.36	37.60 1.11 -0.79	45.44 0.90 -1.48	62.29 2.02 -0.78	72.58 2.68 -1.08	71.25 2.48 0.00	55.84 1.84 0.00	50.25 1.70 0.00	44.61 0.96 0.00
ADK RESOURCE__RCVRY 23798	47.95 0.89 0.00	45.34 0.84 0.00	43.57 0.68 0.00	43.42 0.64 0.00	45.53 0.67 0.00	49.46 0.92 0.00	71.60 1.95 0.00	110.45 3.00 0.00	65.44 1.35 0.00	42.27 0.37 -0.83	38.12 -0.26 -1.02	36.61 -0.29 -0.29	34.57 -0.35 -0.22	33.38 -0.23 -0.61	29.50 -0.32 -0.66	31.96 -0.16 -0.36	36.77 0.28 -0.79	45.22 0.69 -1.47	62.34 2.08 -0.78	72.57 2.68 -1.08	71.32 2.55 0.00	55.89 1.89 0.00	50.25 1.70 0.00	44.56 0.92 0.00
ADK S GLENS__FALLS 24028	47.96 0.89 0.00	45.39 0.89 0.00	43.66 0.77 0.00	43.46 0.68 0.00	45.57 0.72 0.00	49.56 1.02 0.00	71.54 1.88 0.00	110.35 2.90 0.00	65.50 1.41 0.00	42.47 0.57 -0.83	39.09 0.71 -1.02	37.52 0.62 -0.29	35.44 0.52 -0.22	34.21 0.59 -0.61	30.23 0.41 -0.66	32.79 0.67 -0.36	37.60 1.11 -0.79	45.44 0.90 -1.48	62.29 2.02 -0.78	72.58 2.68 -1.08	71.25 2.48 0.00	55.84 1.84 0.00	50.25 1.70 0.00	44.61 0.96 0.00
ADK_NYS__DAM 23527	47.67 0.61 0.00	45.25 0.76 0.00	43.70 0.81 0.00	43.50 0.73 0.00	45.35 0.49 0.00	49.08 0.53 0.00	70.70 1.05 0.00	108.84 1.39 0.00	65.37 1.28 0.00	43.29 1.23 -0.99	39.62 1.04 -1.21	37.87 0.92 -0.34	35.76 0.80 -0.26	34.58 0.86 -0.72	30.82 0.87 -0.78	33.37 1.18 -0.43	38.14 1.50 -0.94	46.54 1.72 -1.75	62.79 2.38 -0.93	72.78 2.68 -1.29	71.39 2.61 0.00	56.22 2.21 0.00	50.64 2.09 0.00	45.13 1.48 0.00
AIR_PRODUCTS__DRP 24190	47.25 0.19 0.00	44.85 0.36 0.00	43.27 0.39 0.00	43.07 0.30 0.00	44.90 0.04 0.00	48.69 0.15 0.00	69.94 0.28 0.00	107.88 0.43 0.00	64.54 0.45 0.00	42.50 0.49 -0.94	39.00 0.49 -1.15	37.38 0.44 -0.32	35.36 0.42 -0.25	34.19 0.50 -0.69	30.32 0.41 -0.75	32.71 0.54 -0.41	37.31 0.71 -0.89	45.55 0.82 -1.67	61.49 1.13 -0.88	71.20 1.17 -1.22	69.88 1.10 0.00	54.81 0.81 0.00	49.57 1.02 0.00	44.30 0.65 0.00
AKWESSNE_115KV_BK 355683	47.02 -0.05 0.00	44.54 0.04 0.00	42.89 0.00 0.00	42.86 0.09 0.00	45.08 0.22 0.00	48.88 0.34 0.00	69.45 -0.21 0.00	106.48 -0.97 0.00	63.64 -0.45 0.00	40.94 -0.12 0.00	37.32 -0.04 0.00	36.51 -0.11 0.00	34.59 -0.10 0.00	32.87 -0.13 0.00	29.02 -0.15 0.00	31.51 -0.25 0.00	35.42 -0.29 0.00	42.55 -0.52 0.00	57.87 -1.61 0.00	66.95 -1.86 0.00	66.78 -1.99 0.00	53.35 -0.65 0.00	47.82 -0.73 0.00	43.25 -0.39 0.00
ALBANY_1_SOLAR 323833	48.33 1.27 0.00	45.83 1.33 0.00	44.17 1.29 0.00	44.01 1.24 0.00	45.93 1.07 0.00	49.75 1.21 0.00	71.60 1.95 0.00	110.89 3.44 0.00	65.63 1.54 0.00	42.76 0.74 -0.95	38.94 0.41 -1.17	37.31 0.37 -0.33	35.26 0.31 -0.26	34.07 0.36 -0.70	30.27 0.35 -0.76	32.62 0.44 -0.41	37.42 0.82 -0.90	46.12 1.38 -1.67	62.86 2.50 -0.89	73.00 2.96 -1.23	71.66 2.89 0.00	56.32 2.32 0.00	50.79 2.23 0.00	45.35 1.70 0.00
ALBANY_2_SOLAR 323834	48.33 1.27 0.00	45.83 1.33 0.00	44.13 1.24 0.00	43.97 1.20 0.00	45.93 1.07 0.00	49.75 1.21 0.00	71.60 1.95 0.00	110.89 3.44 0.00	65.63 1.54 0.00	42.76 0.74 -0.95	38.94 0.41 -1.17	37.31 0.37 -0.33	35.26 0.31 -0.26	34.07 0.36 -0.70	30.27 0.35 -0.76	32.62 0.44 -0.41	37.42 0.82 -0.90	46.12 1.38 -1.67	62.81 2.44 -0.89	73.00 2.96 -1.23	71.66 2.89 0.00	56.32 2.32 0.00	50.79 2.23 0.00	45.35 1.70 0.00
ALBANY__1 23571	47.25 0.19 0.00	44.85 0.36 0.00	43.27 0.39 0.00	43.07 0.30 0.00	44.90 0.04 0.00	48.69 0.15 0.00	69.94 0.28 0.00	107.88 0.43 0.00	64.54 0.45 0.00	42.50 0.49 -0.94	39.00 0.49 -1.15	37.38 0.44 -0.32	35.36 0.42 -0.25	34.19 0.50 -0.69	30.32 0.41 -0.75	32.71 0.54 -0.41	37.31 0.71 -0.89	45.55 0.82 -1.67	61.49 1.13 -0.88	71.20 1.17 -1.22	69.88 1.10 0.00	54.81 0.81 0.00	49.57 1.02 0.00	44.30 0.65 0.00

ALBANY__2 23572	47.25 0.19 0.00	44.85 0.36 0.00	43.27 0.39 0.00	43.07 0.30 0.00	44.90 0.04 0.00	48.69 0.15 0.00	69.94 0.28 0.00	107.88 0.43 0.00	64.54 0.45 0.00	42.50 0.49 -0.94	39.00 0.49 -1.15	37.38 0.44 -0.32	35.36 0.42 -0.25	34.19 0.50 -0.69	30.32 0.41 -0.75	32.71 0.54 -0.41	37.31 0.71 -0.89	45.55 0.82 -1.67	61.49 1.13 -0.88	71.20 1.17 -1.22	69.88 1.10 0.00	54.81 0.81 0.00	49.57 1.02 0.00	44.30 0.65 0.00
ALBANY__3 23573	47.25 0.19 0.00	44.85 0.36 0.00	43.27 0.39 0.00	43.07 0.30 0.00	44.90 0.04 0.00	48.69 0.15 0.00	69.94 0.28 0.00	107.88 0.43 0.00	64.54 0.45 0.00	42.50 0.49 -0.94	39.00 0.49 -1.15	37.38 0.44 -0.32	35.36 0.42 -0.25	34.19 0.50 -0.69	30.32 0.41 -0.75	32.71 0.54 -0.41	37.31 0.71 -0.89	45.55 0.82 -1.67	61.49 1.13 -0.88	71.20 1.17 -1.22	69.88 1.10 0.00	54.81 0.81 0.00	49.57 1.02 0.00	44.30 0.65 0.00
ALBANY__4 23574	47.25 0.19 0.00	44.85 0.36 0.00	43.27 0.39 0.00	43.07 0.30 0.00	44.90 0.04 0.00	48.69 0.15 0.00	69.94 0.28 0.00	107.88 0.43 0.00	64.54 0.45 0.00	42.50 0.49 -0.94	39.00 0.49 -1.15	37.38 0.44 -0.32	35.36 0.42 -0.25	34.19 0.50 -0.69	30.32 0.41 -0.75	32.71 0.54 -0.41	37.31 0.71 -0.89	45.55 0.82 -1.67	61.49 1.13 -0.88	71.20 1.17 -1.22	69.88 1.10 0.00	54.81 0.81 0.00	49.57 1.02 0.00	44.30 0.65 0.00
ALBANY__LFGE 323615	47.63 0.57 0.00	45.21 0.71 0.00	43.57 0.68 0.00	43.42 0.64 0.00	45.26 0.40 0.00	49.03 0.49 0.00	70.63 0.97 0.00	108.84 1.39 0.00	65.18 1.09 0.00	42.78 0.82 -0.89	39.12 0.67 -1.09	37.54 0.62 -0.31	35.56 0.63 -0.24	34.32 0.66 -0.65	30.42 0.55 -0.71	32.82 0.67 -0.39	37.47 0.93 -0.84	45.76 1.12 -1.58	61.92 1.61 -0.84	71.75 1.79 -1.16	70.50 1.72 0.00	55.40 1.40 0.00	50.01 1.46 0.00	44.60 0.96 0.00
ALCOA_PA_115KV_PL-6C 55860	47.25 0.19 0.00	44.77 0.27 0.00	43.10 0.22 0.00	43.11 0.34 0.00	45.39 0.54 0.00	49.13 0.58 0.00	70.28 0.63 0.00	107.67 0.22 0.00	64.22 0.13 0.00	41.02 -0.04 0.00	37.40 0.04 0.00	36.51 -0.11 0.00	34.59 -0.10 0.00	32.90 -0.10 0.00	29.05 -0.12 0.00	31.51 -0.26 0.00	35.49 -0.21 0.00	42.63 -0.43 0.00	58.17 -1.31 0.00	67.36 -1.45 0.00	67.33 -1.45 0.00	53.46 -0.54 0.00	48.07 -0.49 0.00	43.47 -0.17 0.00
ALCOA_RYNLDS__DRP 24188	47.25 0.19 0.00	44.76 0.27 0.00	43.10 0.21 0.00	43.12 0.34 0.00	45.39 0.54 0.00	49.12 0.58 0.00	70.21 0.56 0.00	107.67 0.21 0.00	64.22 0.13 0.00	41.02 -0.04 0.00	37.36 0.00 0.00	36.51 -0.11 0.00	34.62 -0.07 0.00	32.90 -0.10 0.00	29.05 -0.12 0.00	31.51 -0.25 0.00	35.49 -0.21 0.00	42.63 -0.43 0.00	58.29 -1.19 0.00	67.50 -1.31 0.00	67.33 -1.44 0.00	53.68 -0.32 0.00	48.02 -0.53 0.00	43.47 -0.17 0.00
ALCOA__DSASP 323711	47.25 0.19 0.00	44.76 0.27 0.00	43.10 0.21 0.00	43.12 0.34 0.00	45.39 0.54 0.00	49.12 0.58 0.00	70.21 0.56 0.00	107.67 0.21 0.00	64.22 0.13 0.00	41.02 -0.04 0.00	37.36 0.00 0.00	36.51 -0.11 0.00	34.62 -0.07 0.00	32.90 -0.10 0.00	29.05 -0.12 0.00	31.51 -0.25 0.00	35.49 -0.21 0.00	42.63 -0.43 0.00	58.29 -1.19 0.00	67.50 -1.31 0.00	67.33 -1.44 0.00	53.68 -0.32 0.00	48.02 -0.53 0.00	43.47 -0.17 0.00
ALLEGHENY__COGEN 23514	47.95 0.89 0.00	44.90 0.40 0.00	43.57 0.68 0.00	43.58 0.81 0.00	46.60 1.75 0.00	50.00 1.45 0.00	71.12 1.47 0.00	158.86 2.26 -49.15	63.58 -0.51 0.00	40.56 -1.69 -1.18	35.90 -1.46 0.00	35.11 -1.50 0.00	33.27 -1.42 0.00	31.75 -1.25 0.00	27.97 -1.20 0.00	30.62 -1.14 0.00	34.27 -1.43 0.00	41.72 -1.38 -0.03	58.94 -0.54 0.01	68.94 0.14 0.01	74.57 0.83 -4.97	60.91 0.00 -6.91	48.26 -0.29 0.01	43.95 0.31 0.00
ALTMONT_115KV_TB 2 55880	47.72 0.66 0.00	45.21 0.71 0.00	43.57 0.69 0.00	43.37 0.60 0.00	45.35 0.49 0.00	49.17 0.63 0.00	70.63 0.98 0.00	108.95 1.50 0.00	65.05 0.96 0.00	42.76 0.78 -0.91	39.15 0.67 -1.12	37.59 0.66 -0.31	35.56 0.62 -0.24	34.30 0.63 -0.67	30.44 0.55 -0.72	32.82 0.67 -0.39	37.39 0.82 -0.86	45.71 1.03 -1.61	61.82 1.49 -0.86	71.65 1.65 -1.19	70.43 1.65 0.00	55.24 1.24 0.00	49.82 1.26 0.00	44.56 0.92 0.00
ALTONA_WT_PWR 323606	47.30 0.24 0.00	44.81 0.31 0.00	43.15 0.26 0.00	43.11 0.34 0.00	45.39 0.54 0.00	49.17 0.63 0.00	70.42 0.77 0.00	108.10 0.65 0.00	64.48 0.39 0.00	41.27 0.21 0.00	37.62 0.26 0.00	36.76 0.15 0.00	34.83 0.14 0.00	33.10 0.10 0.00	29.16 0.00 0.00	31.60 -0.16 0.00	35.45 -0.25 0.00	42.50 -0.56 0.00	57.93 -1.55 0.00	66.88 -1.93 0.00	66.71 -2.06 0.00	52.81 -1.19 0.00	47.44 -1.11 0.00	42.90 -0.74 0.00
AMERICAN_REF_FUEL 24010	42.64 -4.43 0.00	39.91 -4.58 0.00	38.73 -4.16 0.00	38.84 -3.93 0.00	41.67 -3.18 0.00	43.69 -4.85 0.00	60.25 -9.41 0.00	82.68 -14.40 10.38	55.76 -8.33 0.00	34.65 -6.08 0.34	32.24 -5.12 0.00	31.82 -4.80 0.00	30.25 -4.44 0.00	28.88 -4.13 0.00	25.43 -3.73 0.00	27.85 -3.91 0.00	30.67 -5.03 0.00	36.51 -6.54 0.01	50.98 -8.45 0.05	59.06 -9.70 0.05	57.77 -9.90 1.10	44.55 -7.94 1.51	41.17 -7.33 0.05	38.19 -5.46 0.00
ARKWRIGHT__SUMMIT_WT_PWR 323751	44.95 -2.12 0.00	42.05 -2.45 0.00	41.17 -1.72 0.00	41.06 -1.71 0.00	44.09 -0.76 0.00	46.60 -1.94 0.00	65.06 -4.60 0.00	88.55 -6.88 12.02	59.93 -4.16 0.00	37.19 -3.49 0.39	34.45 -2.91 0.00	33.87 -2.75 0.00	32.20 -2.50 0.00	30.60 -2.41 0.00	26.86 -2.30 0.00	29.32 -2.45 0.00	32.34 -3.36 0.00	38.66 -4.39 0.01	53.55 -5.89 0.04	62.10 -6.67 0.04	61.60 -5.92 1.26	46.60 -5.67 1.73	43.90 -4.61 0.04	40.59 -3.06 0.00
ARTHUR KILL_GT_1 23520	49.69 2.64 0.01	47.11 2.63 0.01	45.02 2.14 0.01	44.82 2.05 0.01	46.64 1.79 0.01	50.81 2.28 0.01	73.27 3.62 0.01	113.67 6.23 0.01	67.67 3.59 0.01	48.08 3.16 -3.85	44.73 2.65 -4.72	40.68 2.75 -1.32	38.32 2.60 -1.02	38.20 2.38 -2.82	34.31 2.10 -3.05	35.68 2.26 -1.67	42.11 2.75 -3.66	53.49 3.57 -6.85	68.11 5.00 -3.63	79.84 5.99 -5.04	74.68 5.91 0.01	57.99 4.00 0.01	52.09 3.54 0.01	46.65 3.01 0.01
ARTHUR_KILL_2 23512	49.54 2.49 0.01	46.98 2.49 0.01	44.93 2.06 0.01	44.69 1.93 0.01	46.45 1.61 0.01	50.37 1.84 0.01	72.85 3.21 0.01	113.45 6.01 0.01	67.41 3.33 0.01	47.95 3.04 -3.85	44.66 2.58 -4.72	40.60 2.67 -1.32	38.25 2.53 -1.02	38.13 2.31 -2.82	34.28 2.07 -3.05	35.62 2.19 -1.67	42.04 2.68 -3.66	53.36 3.45 -6.85	67.99 4.88 -3.63	79.56 5.71 -5.04	74.47 5.71 0.01	57.88 3.89 0.01	51.89 3.35 0.01	46.51 2.88 0.01
ARTHUR_KILL_3 23513	49.22 2.17 0.01	46.62 2.14 0.01	44.64 1.76 0.01	44.43 1.67 0.01	46.28 1.43 0.01	50.28 1.74 0.01	72.79 3.14 0.01	113.24 5.80 0.01	67.54 3.46 0.01	47.92 3.00 -3.86	44.66 2.58 -4.73	40.57 2.64 -1.32	38.22 2.50 -1.02	38.17 2.34 -2.82	34.29 2.07 -3.05	35.62 2.19 -1.67	41.94 2.57 -3.66	53.15 3.23 -6.86	67.40 4.28 -3.64	78.81 4.96 -5.04	73.65 4.88 0.01	57.50 3.51 0.01	51.61 3.06 0.01	46.12 2.49 0.01

ARTHUR_KILL_COGEN 323718	49.69 2.63 0.01	47.11 2.62 0.01	45.02 2.14 0.01	44.77 2.01 0.01	46.59 1.75 0.01	50.52 1.99 0.01	73.06 3.41 0.01	113.78 6.34 0.01	67.54 3.46 0.01	48.08 3.16 -3.85	44.77 2.69 -4.72	40.68 2.75 -1.32	38.32 2.60 -1.02	38.20 2.38 -2.82	34.34 2.13 -3.05	35.72 2.29 -1.67	42.11 2.75 -3.66	53.49 3.57 -6.85	68.16 5.05 -3.63	79.77 5.92 -5.04	74.68 5.92 0.01	58.04 4.05 0.01	51.99 3.45 0.01	46.64 3.01 0.01
ASHOKAN____ 23654	49.42 2.35 0.00	46.76 2.27 0.00	44.95 2.06 0.00	44.78 2.01 0.00	46.78 1.93 0.00	50.78 2.23 0.00	73.28 3.62 0.00	112.50 5.05 0.00	66.40 2.30 0.00	43.08 0.95 -1.07	39.16 0.48 -1.32	37.39 0.40 -0.37	35.33 0.35 -0.29	34.09 0.30 -0.79	30.34 0.32 -0.85	32.59 0.38 -0.44	37.45 0.78 -0.97	46.34 1.46 -1.81	63.47 3.03 -0.96	73.92 3.78 -1.33	72.62 3.85 0.00	56.86 2.86 0.00	51.03 2.47 0.00	45.65 2.01 0.00
ASTORIA_EAST_ENERGY_CC1 323581	49.42 2.35 0.00	46.85 2.36 0.00	44.73 1.84 0.00	44.53 1.75 0.00	46.33 1.48 0.00	50.09 1.55 0.01	72.51 2.86 0.01	113.13 5.69 0.01	67.48 3.39 0.01	48.12 3.21 -3.85	44.78 2.69 -4.73	40.68 2.75 -1.32	38.32 2.60 -1.02	38.27 2.44 -2.82	34.37 2.16 -3.05	35.72 2.29 -1.67	42.01 2.64 -3.66	53.28 3.36 -6.85	67.63 4.52 -3.64	79.07 5.23 -5.03	73.93 5.16 0.01	57.56 3.56 0.01	51.81 3.25 0.00	46.44 2.80 0.00
ASTORIA_EAST_ENERGY_CC2 323582	49.42 2.35 0.00	46.85 2.36 0.00	44.73 1.84 0.00	44.53 1.75 0.00	46.33 1.48 0.00	50.09 1.55 0.01	72.51 2.86 0.01	113.13 5.69 0.01	67.48 3.39 0.01	48.12 3.21 -3.85	44.78 2.69 -4.73	40.68 2.75 -1.32	38.32 2.60 -1.02	38.27 2.44 -2.82	34.37 2.16 -3.05	35.72 2.29 -1.67	42.01 2.64 -3.66	53.28 3.36 -6.85	67.63 4.52 -3.64	79.07 5.23 -5.03	73.93 5.16 0.01	57.56 3.56 0.01	51.81 3.25 0.00	46.44 2.80 0.00
ASTORIA_GT2_1 24094	49.42 2.35 0.00	46.86 2.36 0.00	44.77 1.89 0.00	44.53 1.75 0.00	46.38 1.53 0.00	50.39 1.84 0.00	72.65 3.00 0.00	113.15 5.69 0.00	67.55 3.46 0.00	48.17 3.24 -3.86	44.78 2.69 -4.73	40.69 2.75 -1.33	38.36 2.64 -1.03	38.28 2.44 -2.83	34.35 2.13 -3.06	35.73 2.29 -1.68	42.05 2.68 -3.67	53.33 3.40 -6.86	67.58 4.46 -3.64	79.15 5.30 -5.04	74.00 5.23 0.00	57.56 3.56 0.00	51.85 3.30 0.00	46.48 2.84 0.00
ASTORIA_GT2_2 24095	49.42 2.35 0.00	46.86 2.36 0.00	44.77 1.89 0.00	44.53 1.75 0.00	46.38 1.53 0.00	50.39 1.84 0.00	72.65 3.00 0.00	113.15 5.69 0.00	67.55 3.46 0.00	48.17 3.24 -3.86	44.78 2.69 -4.73	40.69 2.75 -1.33	38.36 2.64 -1.03	38.28 2.44 -2.83	34.35 2.13 -3.06	35.73 2.29 -1.68	42.05 2.68 -3.67	53.33 3.40 -6.86	67.58 4.46 -3.64	79.15 5.30 -5.04	74.00 5.23 0.00	57.56 3.56 0.00	51.85 3.30 0.00	46.48 2.84 0.00
ASTORIA_GT2_3 24096	49.42 2.35 0.00	46.86 2.36 0.00	44.77 1.89 0.00	44.53 1.75 0.00	46.38 1.53 0.00	50.39 1.84 0.00	72.65 3.00 0.00	113.15 5.69 0.00	67.55 3.46 0.00	48.17 3.24 -3.86	44.78 2.69 -4.73	40.69 2.75 -1.33	38.36 2.64 -1.03	38.28 2.44 -2.83	34.35 2.13 -3.06	35.73 2.29 -1.68	42.05 2.68 -3.67	53.33 3.40 -6.86	67.58 4.46 -3.64	79.15 5.30 -5.04	74.00 5.23 0.00	57.56 3.56 0.00	51.85 3.30 0.00	46.48 2.84 0.00
ASTORIA_GT2_4 24097	49.42 2.35 0.00	46.86 2.36 0.00	44.77 1.89 0.00	44.53 1.75 0.00	46.38 1.53 0.00	50.39 1.84 0.00	72.65 3.00 0.00	113.15 5.69 0.00	67.55 3.46 0.00	48.17 3.24 -3.86	44.78 2.69 -4.73	40.69 2.75 -1.33	38.36 2.64 -1.03	38.28 2.44 -2.83	34.35 2.13 -3.06	35.73 2.29 -1.68	42.05 2.68 -3.67	53.33 3.40 -6.86	67.58 4.46 -3.64	79.15 5.30 -5.04	74.00 5.23 0.00	57.56 3.56 0.00	51.85 3.30 0.00	46.48 2.84 0.00
ASTORIA_GT3_1 24098	49.42 2.35 0.00	46.86 2.36 0.00	44.77 1.89 0.00	44.53 1.75 0.00	46.38 1.53 0.00	50.39 1.84 0.00	72.65 3.00 0.00	113.15 5.69 0.00	67.55 3.46 0.00	48.17 3.24 -3.86	44.78 2.69 -4.73	40.69 2.75 -1.33	38.36 2.64 -1.03	38.28 2.44 -2.83	34.35 2.13 -3.06	35.73 2.29 -1.68	42.05 2.68 -3.67	53.33 3.40 -6.86	67.58 4.46 -3.64	79.15 5.30 -5.04	74.00 5.23 0.00	57.56 3.56 0.00	51.85 3.30 0.00	46.48 2.84 0.00
ASTORIA_GT3_2 24099	49.42 2.35 0.00	46.86 2.36 0.00	44.77 1.89 0.00	44.53 1.75 0.00	46.38 1.53 0.00	50.39 1.84 0.00	72.65 3.00 0.00	113.15 5.69 0.00	67.55 3.46 0.00	48.17 3.24 -3.86	44.78 2.69 -4.73	40.69 2.75 -1.33	38.36 2.64 -1.03	38.28 2.44 -2.83	34.35 2.13 -3.06	35.73 2.29 -1.68	42.05 2.68 -3.67	53.33 3.40 -6.86	67.58 4.46 -3.64	79.15 5.30 -5.04	74.00 5.23 0.00	57.56 3.56 0.00	51.85 3.30 0.00	46.48 2.84 0.00
ASTORIA_GT3_3 24100	49.42 2.35 0.00	46.86 2.36 0.00	44.77 1.89 0.00	44.53 1.75 0.00	46.38 1.53 0.00	50.39 1.84 0.00	72.65 3.00 0.00	113.15 5.69 0.00	67.55 3.46 0.00	48.17 3.24 -3.86	44.78 2.69 -4.73	40.69 2.75 -1.33	38.36 2.64 -1.03	38.28 2.44 -2.83	34.35 2.13 -3.06	35.73 2.29 -1.68	42.05 2.68 -3.67	53.33 3.40 -6.86	67.58 4.46 -3.64	79.15 5.30 -5.04	74.00 5.23 0.00	57.56 3.56 0.00	51.85 3.30 0.00	46.48 2.84 0.00
ASTORIA_GT3_4 24101	49.42 2.35 0.00	46.86 2.36 0.00	44.77 1.89 0.00	44.53 1.75 0.00	46.38 1.53 0.00	50.39 1.84 0.00	72.65 3.00 0.00	113.15 5.69 0.00	67.55 3.46 0.00	48.17 3.24 -3.86	44.78 2.69 -4.73	40.69 2.75 -1.33	38.36 2.64 -1.03	38.28 2.44 -2.83	34.35 2.13 -3.06	35.73 2.29 -1.68	42.05 2.68 -3.67	53.33 3.40 -6.86	67.58 4.46 -3.64	79.15 5.30 -5.04	74.00 5.23 0.00	57.56 3.56 0.00	51.85 3.30 0.00	46.48 2.84 0.00
ASTORIA_GT4_1 24102	49.42 2.35 0.00	46.86 2.36 0.00	44.77 1.89 0.00	44.53 1.75 0.00	46.38 1.53 0.00	50.39 1.84 0.00	72.65 3.00 0.00	113.15 5.69 0.00	67.55 3.46 0.00	48.17 3.24 -3.86	44.78 2.69 -4.73	40.69 2.75 -1.33	38.36 2.64 -1.03	38.28 2.44 -2.83	34.35 2.13 -3.06	35.73 2.29 -1.68	42.05 2.68 -3.67	53.33 3.40 -6.86	67.58 4.46 -3.64	79.15 5.30 -5.04	74.00 5.23 0.00	57.56 3.56 0.00	51.85 3.30 0.00	46.48 2.84 0.00
ASTORIA_GT4_2 24103	49.42 2.35 0.00	46.86 2.36 0.00	44.77 1.89 0.00	44.53 1.75 0.00	46.38 1.53 0.00	50.39 1.84 0.00	72.65 3.00 0.00	113.15 5.69 0.00	67.55 3.46 0.00	48.17 3.24 -3.86	44.78 2.69 -4.73	40.69 2.75 -1.33	38.36 2.64 -1.03	38.28 2.44 -2.83	34.35 2.13 -3.06	35.73 2.29 -1.68	42.05 2.68 -3.67	53.33 3.40 -6.86	67.58 4.46 -3.64	79.15 5.30 -5.04	74.00 5.23 0.00	57.56 3.56 0.00	51.85 3.30 0.00	46.48 2.84 0.00
ASTORIA_GT4_3 24104	49.42 2.35 0.00	46.86 2.36 0.00	44.77 1.89 0.00	44.53 1.75 0.00	46.38 1.53 0.00	50.39 1.84 0.00	72.65 3.00 0.00	113.15 5.69 0.00	67.55 3.46 0.00	48.17 3.24 -3.86	44.78 2.69 -4.73	40.69 2.75 -1.33	38.36 2.64 -1.03	38.28 2.44 -2.83	34.35 2.13 -3.06	35.73 2.29 -1.68	42.05 2.68 -3.67	53.33 3.40 -6.86	67.58 4.46 -3.64	79.15 5.30 -5.04	74.00 5.23 0.00	57.56 3.56 0.00	51.85 3.30 0.00	46.48 2.84 0.00

ASTORIA_GT4_4 24105	49.42 2.35 0.00	46.86 2.36 0.00	44.77 1.89 0.00	44.53 1.75 0.00	46.38 1.53 0.00	50.39 1.84 0.00	72.65 3.00 0.00	113.15 5.69 0.00	67.55 3.46 0.00	48.17 3.24 -3.86	44.78 2.69 -4.73	40.69 2.75 -1.33	38.36 2.64 -1.03	38.28 2.44 -2.83	34.35 2.13 -3.06	35.73 2.29 -1.68	42.05 2.68 -3.67	53.33 3.40 -6.86	67.58 4.46 -3.64	79.15 5.30 -5.04	74.00 5.23 0.00	57.56 3.56 0.00	51.85 3.30 0.00	46.48 2.84 0.00
ASTORIA_GT_1 23523	49.51 2.45 0.00	46.94 2.45 0.00	44.82 1.93 0.00	44.61 1.84 0.00	46.47 1.61 0.00	50.43 1.89 0.00	72.79 3.13 0.00	113.36 5.91 0.00	67.68 3.59 0.00	48.25 3.33 -3.86	44.86 2.76 -4.73	40.76 2.82 -1.33	38.40 2.67 -1.03	38.34 2.51 -2.83	34.41 2.19 -3.06	35.79 2.35 -1.68	42.09 2.71 -3.67	53.41 3.49 -6.86	67.70 4.58 -3.64	79.29 5.44 -5.04	74.14 5.36 0.00	57.62 3.62 0.00	51.95 3.40 0.00	46.53 2.88 0.00
ASTORIA_GT_10 24110	49.51 2.45 0.00	46.94 2.45 0.00	44.90 2.02 0.00	44.70 1.92 0.00	46.56 1.70 0.00	50.68 2.14 0.00	73.07 3.41 0.00	113.57 6.12 0.00	67.81 3.72 0.00	48.17 3.24 -3.86	44.86 2.76 -4.73	40.80 2.86 -1.33	38.43 2.71 -1.03	38.34 2.51 -2.83	34.41 2.19 -3.06	35.79 2.35 -1.68	42.12 2.75 -3.67	53.41 3.49 -6.86	67.70 4.58 -3.64	79.22 5.37 -5.04	74.07 5.30 0.00	57.67 3.67 0.00	51.90 3.35 0.00	46.48 2.84 0.00
ASTORIA_GT_11 24225	49.51 2.45 0.00	46.94 2.45 0.00	44.90 2.02 0.00	44.70 1.92 0.00	46.56 1.70 0.00	50.68 2.14 0.00	73.07 3.41 0.00	113.57 6.12 0.00	67.81 3.72 0.00	48.17 3.24 -3.86	44.86 2.76 -4.73	40.80 2.86 -1.33	38.43 2.71 -1.03	38.34 2.51 -2.83	34.41 2.19 -3.06	35.79 2.35 -1.68	42.12 2.75 -3.67	53.41 3.49 -6.86	67.70 4.58 -3.64	79.22 5.37 -5.04	74.07 5.30 0.00	57.67 3.67 0.00	51.90 3.35 0.00	46.48 2.84 0.00
ASTORIA_GT_12 24226	49.51 2.45 0.00	46.94 2.45 0.00	44.90 2.02 0.00	44.70 1.92 0.00	46.56 1.70 0.00	50.68 2.14 0.00	73.07 3.41 0.00	113.57 6.12 0.00	67.81 3.72 0.00	48.17 3.24 -3.86	44.86 2.76 -4.73	40.80 2.86 -1.33	38.43 2.71 -1.03	38.34 2.51 -2.83	34.41 2.19 -3.06	35.79 2.35 -1.68	42.12 2.75 -3.67	53.41 3.49 -6.86	67.70 4.58 -3.64	79.22 5.37 -5.04	74.07 5.30 0.00	57.67 3.67 0.00	51.90 3.35 0.00	46.48 2.84 0.00
ASTORIA_GT_13 24227	49.51 2.45 0.00	46.94 2.45 0.00	44.90 2.02 0.00	44.70 1.92 0.00	46.56 1.70 0.00	50.68 2.14 0.00	73.07 3.41 0.00	113.57 6.12 0.00	67.81 3.72 0.00	48.17 3.24 -3.86	44.86 2.76 -4.73	40.80 2.86 -1.33	38.43 2.71 -1.03	38.34 2.51 -2.83	34.41 2.19 -3.06	35.79 2.35 -1.68	42.12 2.75 -3.67	53.41 3.49 -6.86	67.70 4.58 -3.64	79.22 5.37 -5.04	74.07 5.30 0.00	57.67 3.67 0.00	51.90 3.35 0.00	46.48 2.84 0.00
ASTORIA_GT_5 24106	49.51 2.45 0.00	46.94 2.45 0.00	44.82 1.93 0.00	44.61 1.84 0.00	46.47 1.61 0.00	50.43 1.89 0.00	72.79 3.13 0.00	113.36 5.91 0.00	67.68 3.59 0.00	48.25 3.33 -3.86	44.86 2.76 -4.73	40.76 2.82 -1.33	38.40 2.67 -1.03	38.34 2.51 -2.83	34.41 2.19 -3.06	35.79 2.35 -1.68	42.09 2.71 -3.67	53.41 3.49 -6.86	67.70 4.58 -3.64	79.29 5.44 -5.04	74.14 5.36 0.00	57.62 3.62 0.00	51.95 3.40 0.00	46.53 2.88 0.00
ASTORIA_GT_7 24107	49.51 2.45 0.00	46.94 2.45 0.00	44.82 1.93 0.00	44.61 1.84 0.00	46.47 1.61 0.00	50.43 1.89 0.00	72.79 3.13 0.00	113.36 5.91 0.00	67.68 3.59 0.00	48.25 3.33 -3.86	44.86 2.76 -4.73	40.76 2.82 -1.33	38.40 2.67 -1.03	38.34 2.51 -2.83	34.41 2.19 -3.06	35.79 2.35 -1.68	42.09 2.71 -3.67	53.41 3.49 -6.86	67.70 4.58 -3.64	79.29 5.44 -5.04	74.14 5.36 0.00	57.62 3.62 0.00	51.95 3.40 0.00	46.53 2.88 0.00
ASTORIA_GT_8 24108	49.51 2.45 0.00	46.94 2.45 0.00	44.82 1.93 0.00	44.61 1.84 0.00	46.47 1.61 0.00	50.43 1.89 0.00	72.79 3.13 0.00	113.36 5.91 0.00	67.68 3.59 0.00	48.25 3.33 -3.86	44.86 2.76 -4.73	40.76 2.82 -1.33	38.40 2.67 -1.03	38.34 2.51 -2.83	34.41 2.19 -3.06	35.79 2.35 -1.68	42.09 2.71 -3.67	53.41 3.49 -6.86	67.70 4.58 -3.64	79.29 5.44 -5.04	74.14 5.36 0.00	57.62 3.62 0.00	51.95 3.40 0.00	46.53 2.88 0.00
ASTORIA__2 24149	49.42 2.35 0.00	46.85 2.36 0.00	44.73 1.84 0.00	44.53 1.75 0.00	46.38 1.53 0.00	50.13 1.60 0.01	72.57 2.93 0.01	113.13 5.69 0.01	67.54 3.46 0.01	48.16 3.24 -3.85	44.81 2.73 -4.73	40.72 2.78 -1.32	38.35 2.64 -1.02	38.27 2.44 -2.82	34.40 2.19 -3.05	35.72 2.29 -1.67	42.04 2.68 -3.66	53.32 3.40 -6.85	67.63 4.52 -3.64	79.07 5.23 -5.03	73.99 5.22 0.01	57.61 3.62 0.01	51.81 3.25 0.01	46.48 2.84 0.00
ASTORIA__3 23516	49.51 2.45 0.00	46.94 2.45 0.00	44.90 2.02 0.00	44.70 1.93 0.00	46.56 1.70 0.00	50.43 1.89 0.00	73.00 3.34 0.00	113.57 6.12 0.00	67.74 3.65 0.00	48.17 3.24 -3.86	44.90 2.80 -4.73	40.80 2.86 -1.33	38.43 2.71 -1.03	38.34 2.51 -2.83	34.44 2.22 -3.06	35.79 2.35 -1.68	42.12 2.75 -3.67	53.41 3.49 -6.86	67.77 4.64 -3.64	79.22 5.37 -5.04	74.07 5.30 0.00	57.78 3.78 0.00	51.86 3.30 0.00	46.48 2.84 0.00
ASTORIA__4 23517	49.51 2.45 0.00	46.94 2.45 0.00	44.90 2.02 0.00	44.70 1.92 0.00	46.56 1.70 0.00	50.68 2.14 0.00	73.07 3.41 0.00	113.57 6.12 0.00	67.81 3.72 0.00	48.17 3.24 -3.86	44.86 2.76 -4.73	40.80 2.86 -1.33	38.43 2.71 -1.03	38.34 2.51 -2.83	34.41 2.19 -3.06	35.79 2.35 -1.68	42.12 2.75 -3.67	53.41 3.49 -6.86	67.70 4.58 -3.64	79.22 5.37 -5.04	74.07 5.30 0.00	57.67 3.67 0.00	51.90 3.35 0.00	46.48 2.84 0.00
ASTORIA__5 23518	49.51 2.45 0.00	46.94 2.45 0.00	44.90 2.02 0.00	44.70 1.93 0.00	46.56 1.70 0.00	50.43 1.89 0.00	73.00 3.34 0.00	113.57 6.12 0.00	67.74 3.65 0.00	48.17 3.24 -3.86	44.90 2.80 -4.73	40.80 2.86 -1.33	38.43 2.71 -1.03	38.34 2.51 -2.83	34.44 2.22 -3.06	35.79 2.35 -1.68	42.12 2.75 -3.67	53.41 3.49 -6.86	67.77 4.64 -3.64	79.22 5.37 -5.04	74.07 5.30 0.00	57.78 3.78 0.00	51.86 3.30 0.00	46.48 2.84 0.00
AST_ENERGY_2_CC3 323677	49.23 2.17 0.00	46.63 2.14 0.00	44.69 1.80 0.00	44.49 1.71 0.00	46.33 1.48 0.00	50.34 1.80 0.00	72.79 3.14 0.00	113.25 5.80 0.00	67.55 3.46 0.00	47.92 3.00 -3.86	44.67 2.58 -4.74	40.58 2.64 -1.33	38.19 2.46 -1.03	38.14 2.31 -2.83	34.26 2.04 -3.06	35.63 2.19 -1.68	41.91 2.54 -3.67	53.16 3.23 -6.86	67.46 4.34 -3.65	78.87 5.02 -5.04	73.73 4.95 0.00	57.56 3.56 0.00	51.61 3.06 0.00	46.13 2.49 0.00
AST_ENERGY_2_CC4 323678	49.23 2.17 0.00	46.63 2.14 0.00	44.69 1.80 0.00	44.49 1.71 0.00	46.33 1.48 0.00	50.34 1.80 0.00	72.79 3.14 0.00	113.25 5.80 0.00	67.55 3.46 0.00	47.92 3.00 -3.86	44.67 2.58 -4.74	40.58 2.64 -1.33	38.19 2.46 -1.03	38.14 2.31 -2.83	34.26 2.04 -3.06	35.63 2.19 -1.68	41.91 2.54 -3.67	53.16 3.23 -6.86	67.46 4.34 -3.65	78.87 5.02 -5.04	73.73 4.95 0.00	57.56 3.56 0.00	51.61 3.06 0.00	46.13 2.49 0.00

ATHENS_STG_1 23668	48.19 1.13 0.00	45.61 1.11 0.00	43.87 0.99 0.00	43.71 0.94 0.00	45.61 0.76 0.00	49.46 0.92 0.00	71.19 1.53 0.00	110.02 2.57 0.00	65.76 1.66 0.00	43.86 1.44 -1.36	40.22 1.20 -1.66	38.33 1.25 -0.47	36.24 1.18 -0.36	35.12 1.12 -0.99	31.26 1.02 -1.07	33.43 1.08 -0.59	38.24 1.25 -1.29	47.02 1.55 -2.41	62.90 2.14 -1.28	72.99 2.41 -1.77	71.18 2.41 0.00	55.84 1.84 0.00	50.20 1.65 0.00	44.91 1.27 0.00
ATHENS_STG_2 23670	48.19 1.13 0.00	45.61 1.11 0.00	43.87 0.99 0.00	43.71 0.94 0.00	45.61 0.76 0.00	49.46 0.92 0.00	71.19 1.53 0.00	110.02 2.57 0.00	65.76 1.66 0.00	43.86 1.44 -1.36	40.22 1.20 -1.66	38.33 1.25 -0.47	36.24 1.18 -0.36	35.12 1.12 -0.99	31.26 1.02 -1.07	33.43 1.08 -0.59	38.24 1.25 -1.29	47.02 1.55 -2.41	62.90 2.14 -1.28	72.99 2.41 -1.77	71.18 2.41 0.00	55.84 1.84 0.00	50.20 1.65 0.00	44.91 1.27 0.00
ATHENS_STG_3 23677	48.19 1.13 0.00	45.61 1.11 0.00	43.87 0.99 0.00	43.71 0.94 0.00	45.61 0.76 0.00	49.46 0.92 0.00	71.19 1.53 0.00	110.02 2.57 0.00	65.76 1.66 0.00	43.86 1.44 -1.36	40.22 1.20 -1.66	38.33 1.25 -0.47	36.24 1.18 -0.36	35.12 1.12 -0.99	31.26 1.02 -1.07	33.43 1.08 -0.59	38.24 1.25 -1.29	47.02 1.55 -2.41	62.90 2.14 -1.28	72.99 2.41 -1.77	71.18 2.41 0.00	55.84 1.84 0.00	50.20 1.65 0.00	44.91 1.27 0.00
AUBURN___LFGE 323710	47.53 0.47 0.00	44.76 0.27 0.00	43.19 0.30 0.00	43.07 0.30 0.00	45.39 0.54 0.00	48.93 0.39 0.00	70.42 0.77 0.00	111.29 1.50 -2.33	64.54 0.45 0.00	41.08 -0.04 -0.05	37.36 0.00 0.00	36.54 -0.07 0.00	34.66 -0.03 0.00	32.94 -0.07 0.00	29.11 -0.06 0.00	31.70 -0.06 0.00	35.63 -0.07 0.00	43.11 0.04 0.00	59.78 0.30 0.00	69.36 0.55 0.00	69.77 0.76 -0.24	54.60 0.27 -0.33	48.70 0.15 0.00	43.91 0.26 0.00
BABYLON_RES_REC 323704	50.22 3.15 0.00	47.26 2.76 0.00	45.20 2.31 0.00	45.08 2.31 0.00	46.87 2.02 0.00	50.97 2.43 0.00	73.63 3.34 -0.63	115.13 5.69 -1.99	67.04 2.57 -0.38	48.49 3.57 -3.86	45.50 3.40 -4.74	41.32 3.37 -1.34	38.92 3.19 -1.04	38.87 3.03 -2.84	34.94 2.71 -3.06	36.37 2.92 -1.68	44.16 3.39 -5.06	54.86 4.18 -7.63	69.21 5.65 -4.08	81.05 6.40 -5.84	75.90 6.46 -0.66	59.56 4.80 -0.75	56.19 4.27 -3.36	53.36 3.71 -6.01
BALL_HILL_WT_PWR 323825	44.52 -2.54 0.00	41.52 -2.98 0.00	40.53 -2.36 0.00	40.46 -2.31 0.00	43.42 -1.44 0.00	45.82 -2.72 0.00	63.81 -5.85 0.00	85.86 -8.81 12.78	58.84 -5.25 0.00	36.49 -4.15 0.43	33.92 -3.44 0.00	33.39 -3.22 0.00	31.74 -2.95 0.00	30.26 -2.74 0.00	26.63 -2.54 0.00	29.09 -2.67 0.00	32.10 -3.60 0.00	38.36 -4.69 0.01	53.19 -6.24 0.04	61.61 -7.16 0.04	60.77 -6.67 1.33	46.17 -6.00 1.84	43.36 -5.15 0.04	40.11 -3.53 0.00
BARON_WINDS___WT_PWR 323822	45.84 -1.22 0.00	43.03 -1.47 0.00	41.77 -1.12 0.00	41.79 -0.98 0.00	44.54 -0.31 0.00	47.57 -0.97 0.00	67.22 -2.44 0.00	73.97 -3.54 29.94	61.40 -2.69 0.00	36.06 -2.42 2.58	34.39 -1.98 0.99	34.43 -1.91 0.28	32.74 -1.73 0.22	30.79 -1.62 0.59	26.98 -1.55 0.64	29.71 -1.68 0.36	32.76 -2.14 0.80	38.85 -2.67 1.54	55.16 -3.51 0.81	63.78 -3.92 1.11	62.43 -3.30 3.05	46.42 -3.35 4.23	45.86 -2.67 0.02	41.94 -1.70 0.00
BARRETT_IC_1 23704	49.70 2.63 0.00	46.81 2.31 0.00	44.77 1.88 0.00	44.61 1.84 0.00	46.42 1.57 0.00	50.48 1.94 0.00	72.45 2.79 0.00	111.75 4.30 0.00	66.40 2.30 0.00	48.08 3.16 -3.86	45.09 2.99 -4.74	41.03 3.08 -1.33	38.72 2.98 -1.04	38.64 2.80 -2.84	34.76 2.54 -3.06	36.12 2.67 -1.68	43.65 2.89 -5.06	53.87 3.27 -7.54	67.94 4.82 -3.65	79.42 5.57 -5.04	74.35 5.57 -0.01	58.41 4.00 -0.41	54.66 3.15 -2.96	51.80 2.88 -5.27
BARRETT_IC_10 23701	49.70 2.63 0.00	46.81 2.31 0.00	44.77 1.88 0.00	44.61 1.84 0.00	46.42 1.57 0.00	50.48 1.94 0.00	72.45 2.79 0.00	111.75 4.30 0.00	66.40 2.30 0.00	48.08 3.16 -3.86	45.09 2.99 -4.74	41.03 3.08 -1.33	38.72 2.98 -1.04	38.64 2.80 -2.84	34.76 2.54 -3.06	36.12 2.67 -1.68	43.65 2.89 -5.06	53.87 3.27 -7.54	67.94 4.82 -3.65	79.42 5.57 -5.04	74.35 5.57 -0.01	58.41 4.00 -0.41	54.66 3.15 -2.96	51.80 2.88 -5.27
BARRETT_IC_11 23702	49.70 2.63 0.00	46.81 2.31 0.00	44.77 1.88 0.00	44.61 1.84 0.00	46.42 1.57 0.00	50.48 1.94 0.00	72.45 2.79 0.00	111.75 4.30 0.00	66.40 2.30 0.00	48.08 3.16 -3.86	45.09 2.99 -4.74	41.03 3.08 -1.33	38.72 2.98 -1.04	38.64 2.80 -2.84	34.76 2.54 -3.06	36.12 2.67 -1.68	43.65 2.89 -5.06	53.87 3.27 -7.54	67.94 4.82 -3.65	79.42 5.57 -5.04	74.35 5.57 -0.01	58.41 4.00 -0.41	54.66 3.15 -2.96	51.80 2.88 -5.27
BARRETT_IC_12 23703	49.70 2.63 0.00	46.81 2.31 0.00	44.77 1.88 0.00	44.61 1.84 0.00	46.42 1.57 0.00	50.48 1.94 0.00	72.45 2.79 0.00	111.75 4.30 0.00	66.40 2.30 0.00	48.08 3.16 -3.86	45.09 2.99 -4.74	41.03 3.08 -1.33	38.72 2.98 -1.04	38.64 2.80 -2.84	34.76 2.54 -3.06	36.12 2.67 -1.68	43.65 2.89 -5.06	53.87 3.27 -7.54	67.94 4.82 -3.65	79.42 5.57 -5.04	74.35 5.57 -0.01	58.41 4.00 -0.41	54.66 3.15 -2.96	51.80 2.88 -5.27
BARRETT_IC_2 23705	49.70 2.63 0.00	46.81 2.31 0.00	44.77 1.88 0.00	44.61 1.84 0.00	46.42 1.57 0.00	50.48 1.94 0.00	72.45 2.79 0.00	111.75 4.30 0.00	66.40 2.30 0.00	48.08 3.16 -3.86	45.09 2.99 -4.74	41.03 3.08 -1.33	38.72 2.98 -1.04	38.64 2.80 -2.84	34.76 2.54 -3.06	36.12 2.67 -1.68	43.65 2.89 -5.06	53.87 3.27 -7.54	67.94 4.82 -3.65	79.42 5.57 -5.04	74.35 5.57 -0.01	58.41 4.00 -0.41	54.66 3.15 -2.96	51.80 2.88 -5.27
BARRETT_IC_3 23706	49.70 2.63 0.00	46.81 2.31 0.00	44.77 1.88 0.00	44.61 1.84 0.00	46.42 1.57 0.00	50.48 1.94 0.00	72.45 2.79 0.00	111.75 4.30 0.00	66.40 2.30 0.00	48.08 3.16 -3.86	45.09 2.99 -4.74	41.03 3.08 -1.33	38.72 2.98 -1.04	38.64 2.80 -2.84	34.76 2.54 -3.06	36.12 2.67 -1.68	43.65 2.89 -5.06	53.87 3.27 -7.54	67.94 4.82 -3.65	79.42 5.57 -5.04	74.35 5.57 -0.01	58.41 4.00 -0.41	54.66 3.15 -2.96	51.80 2.88 -5.27
BARRETT_IC_4 23707	49.70 2.63 0.00	46.81 2.31 0.00	44.77 1.88 0.00	44.61 1.84 0.00	46.42 1.57 0.00	50.48 1.94 0.00	72.45 2.79 0.00	111.75 4.30 0.00	66.40 2.30 0.00	48.08 3.16 -3.86	45.09 2.99 -4.74	41.03 3.08 -1.33	38.72 2.98 -1.04	38.64 2.80 -2.84	34.76 2.54 -3.06	36.12 2.67 -1.68	43.65 2.89 -5.06	53.87 3.27 -7.54	67.94 4.82 -3.65	79.42 5.57 -5.04	74.35 5.57 -0.01	58.41 4.00 -0.41	54.66 3.15 -2.96	51.80 2.88 -5.27
BARRETT_IC_5 23708	49.70 2.63 0.00	46.81 2.31 0.00	44.77 1.88 0.00	44.61 1.84 0.00	46.42 1.57 0.00	50.48 1.94 0.00	72.45 2.79 0.00	111.75 4.30 0.00	66.40 2.30 0.00	48.08 3.16 -3.86	45.09 2.99 -4.74	41.03 3.08 -1.33	38.72 2.98 -1.04	38.64 2.80 -2.84	34.76 2.54 -3.06	36.12 2.67 -1.68	43.65 2.89 -5.06	53.87 3.27 -7.54	67.94 4.82 -3.65	79.42 5.57 -5.04	74.35 5.57 -0.01	58.41 4.00 -0.41	54.66 3.15 -2.96	51.80 2.88 -5.27

BARRETT_IC_6 23709	49.70 2.63 0.00	46.81 2.31 0.00	44.77 1.88 0.00	44.61 1.84 0.00	46.42 1.57 0.00	50.48 1.94 0.00	72.45 2.79 0.00	111.75 4.30 0.00	66.40 2.30 0.00	48.08 3.16 -3.86	45.09 2.99 -4.74	41.03 3.08 -1.33	38.72 2.98 -1.04	38.64 2.80 -2.84	34.76 2.54 -3.06	36.12 2.67 -1.68	43.65 2.89 -5.06	53.87 3.27 -7.54	67.94 4.82 -3.65	79.42 5.57 -5.04	74.35 5.57 -0.01	58.41 4.00 -0.41	54.66 3.15 -2.96	51.80 2.88 -5.27
BARRETT_IC_7 23710	49.70 2.64 0.00	46.81 2.31 0.00	44.77 1.89 0.00	44.61 1.84 0.00	46.42 1.57 0.00	50.82 2.28 0.00	72.51 2.86 0.00	111.75 4.30 0.00	66.40 2.31 0.00	48.12 3.20 -3.86	45.05 2.95 -4.74	41.03 3.08 -1.33	38.68 2.95 -1.04	38.64 2.81 -2.84	34.74 2.51 -3.06	36.11 2.67 -1.68	43.65 2.89 -5.06	53.87 3.27 -7.54	67.89 4.76 -3.65	79.43 5.57 -5.04	74.36 5.57 -0.01	58.35 3.94 -0.41	54.71 3.20 -2.96	51.80 2.88 -5.27
BARRETT_IC_8 23711	49.70 2.63 0.00	46.81 2.31 0.00	44.77 1.88 0.00	44.61 1.84 0.00	46.42 1.57 0.00	50.48 1.94 0.00	72.45 2.79 0.00	111.75 4.30 0.00	66.40 2.30 0.00	48.08 3.16 -3.86	45.09 2.99 -4.74	41.03 3.08 -1.33	38.72 2.98 -1.04	38.64 2.80 -2.84	34.76 2.54 -3.06	36.12 2.67 -1.68	43.65 2.89 -5.06	53.87 3.27 -7.54	67.94 4.82 -3.65	79.42 5.57 -5.04	74.35 5.57 -0.01	58.41 4.00 -0.41	54.66 3.15 -2.96	51.80 2.88 -5.27
BARRETT_IC_9 23700	49.70 2.63 0.00	46.81 2.31 0.00	44.77 1.88 0.00	44.61 1.84 0.00	46.42 1.57 0.00	50.48 1.94 0.00	72.45 2.79 0.00	111.75 4.30 0.00	66.40 2.30 0.00	48.08 3.16 -3.86	45.09 2.99 -4.74	41.03 3.08 -1.33	38.72 2.98 -1.04	38.64 2.80 -2.84	34.76 2.54 -3.06	36.12 2.67 -1.68	43.65 2.89 -5.06	53.87 3.27 -7.54	67.94 4.82 -3.65	79.42 5.57 -5.04	74.35 5.57 -0.01	58.41 4.00 -0.41	54.66 3.15 -2.96	51.80 2.88 -5.27
BARRETT__1 23545	49.70 2.63 0.00	46.81 2.31 0.00	44.77 1.88 0.00	44.61 1.84 0.00	46.42 1.57 0.00	50.48 1.94 0.00	72.45 2.79 0.00	111.75 4.30 0.00	66.40 2.30 0.00	48.08 3.16 -3.86	45.09 2.99 -4.74	41.03 3.08 -1.33	38.72 2.98 -1.04	38.64 2.80 -2.84	34.76 2.54 -3.06	36.12 2.67 -1.68	43.65 2.89 -5.06	53.87 3.27 -7.54	67.94 4.82 -3.65	79.42 5.57 -5.04	74.35 5.57 -0.01	58.41 4.00 -0.41	54.66 3.15 -2.96	51.80 2.88 -5.27
BARRETT__2 23546	49.70 2.63 0.00	46.81 2.31 0.00	44.77 1.88 0.00	44.61 1.84 0.00	46.42 1.57 0.00	50.48 1.94 0.00	72.45 2.79 0.00	111.75 4.30 0.00	66.40 2.30 0.00	48.08 3.16 -3.86	45.09 2.99 -4.74	41.03 3.08 -1.33	38.72 2.98 -1.04	38.64 2.80 -2.84	34.76 2.54 -3.06	36.12 2.67 -1.68	43.65 2.89 -5.06	53.87 3.27 -7.54	67.94 4.82 -3.65	79.42 5.57 -5.04	74.35 5.57 -0.01	58.41 4.00 -0.41	54.66 3.15 -2.96	51.80 2.88 -5.27
BATAVIA__115KV_TB1 55881	44.99 -2.07 0.00	42.05 -2.45 0.00	40.83 -2.06 0.00	40.85 -1.92 0.00	43.64 -1.21 0.00	45.48 -3.06 0.00	64.92 -4.74 0.00	95.01 -6.66 5.78	59.67 -4.42 0.00	36.97 -3.86 0.23	33.96 -3.40 0.00	33.39 -3.22 0.00	31.78 -2.91 0.00	30.26 -2.74 0.00	26.74 -2.42 0.00	29.32 -2.45 0.00	32.45 -3.25 0.00	38.92 -4.13 0.01	54.67 -4.76 0.05	63.19 -5.57 0.05	62.92 -5.23 0.63	48.66 -4.48 0.86	44.28 -4.22 0.05	40.68 -2.97 0.00
BAYONEEC__CTG1 323682	49.32 2.26 0.00	46.72 2.22 0.00	44.77 1.88 0.00	44.57 1.80 0.00	46.42 1.57 0.00	50.43 1.89 0.00	73.00 3.34 0.00	113.46 6.01 0.00	67.68 3.59 0.00	48.01 3.08 -3.86	44.75 2.65 -4.74	40.65 2.71 -1.33	38.29 2.57 -1.03	38.24 2.41 -2.83	34.35 2.13 -3.06	35.70 2.26 -1.68	42.02 2.64 -3.67	53.29 3.36 -6.86	67.59 4.46 -3.65	79.02 5.16 -5.04	73.86 5.09 0.00	57.67 3.67 0.00	51.76 3.20 0.00	46.22 2.57 0.00
BAYONEEC__CTG10 323750	49.32 2.26 0.00	46.72 2.22 0.00	44.77 1.88 0.00	44.57 1.80 0.00	46.42 1.57 0.00	50.43 1.89 0.00	73.00 3.34 0.00	113.46 6.01 0.00	67.68 3.59 0.00	48.01 3.08 -3.86	44.75 2.65 -4.74	40.65 2.71 -1.33	38.29 2.57 -1.03	38.24 2.41 -2.83	34.35 2.13 -3.06	35.70 2.26 -1.68	42.02 2.64 -3.67	53.29 3.36 -6.86	67.59 4.46 -3.65	79.02 5.16 -5.04	73.86 5.09 0.00	57.67 3.67 0.00	51.76 3.20 0.00	46.22 2.57 0.00
BAYONEEC__CTG2 323683	49.32 2.26 0.00	46.72 2.22 0.00	44.77 1.88 0.00	44.57 1.80 0.00	46.42 1.57 0.00	50.43 1.89 0.00	73.00 3.34 0.00	113.46 6.01 0.00	67.68 3.59 0.00	48.01 3.08 -3.86	44.75 2.65 -4.74	40.65 2.71 -1.33	38.29 2.57 -1.03	38.24 2.41 -2.83	34.35 2.13 -3.06	35.70 2.26 -1.68	42.02 2.64 -3.67	53.29 3.36 -6.86	67.59 4.46 -3.65	79.02 5.16 -5.04	73.86 5.09 0.00	57.67 3.67 0.00	51.76 3.20 0.00	46.22 2.57 0.00
BAYONEEC__CTG3 323684	49.32 2.26 0.00	46.72 2.22 0.00	44.77 1.88 0.00	44.57 1.80 0.00	46.42 1.57 0.00	50.43 1.89 0.00	73.00 3.34 0.00	113.46 6.01 0.00	67.68 3.59 0.00	48.01 3.08 -3.86	44.75 2.65 -4.74	40.65 2.71 -1.33	38.29 2.57 -1.03	38.24 2.41 -2.83	34.35 2.13 -3.06	35.70 2.26 -1.68	42.02 2.64 -3.67	53.29 3.36 -6.86	67.59 4.46 -3.65	79.02 5.16 -5.04	73.86 5.09 0.00	57.67 3.67 0.00	51.76 3.20 0.00	46.22 2.57 0.00
BAYONEEC__CTG4 323685	49.32 2.26 0.00	46.72 2.22 0.00	44.77 1.88 0.00	44.57 1.80 0.00	46.42 1.57 0.00	50.43 1.89 0.00	73.00 3.34 0.00	113.46 6.01 0.00	67.68 3.59 0.00	48.01 3.08 -3.86	44.75 2.65 -4.74	40.65 2.71 -1.33	38.29 2.57 -1.03	38.24 2.41 -2.83	34.35 2.13 -3.06	35.70 2.26 -1.68	42.02 2.64 -3.67	53.29 3.36 -6.86	67.59 4.46 -3.65	79.02 5.16 -5.04	73.86 5.09 0.00	57.67 3.67 0.00	51.76 3.20 0.00	46.22 2.57 0.00
BAYONEEC__CTG5 323686	49.32 2.26 0.00	46.72 2.22 0.00	44.77 1.88 0.00	44.57 1.80 0.00	46.42 1.57 0.00	50.43 1.89 0.00	73.00 3.34 0.00	113.46 6.01 0.00	67.68 3.59 0.00	48.01 3.08 -3.86	44.75 2.65 -4.74	40.65 2.71 -1.33	38.29 2.57 -1.03	38.24 2.41 -2.83	34.35 2.13 -3.06	35.70 2.26 -1.68	42.02 2.64 -3.67	53.29 3.36 -6.86	67.59 4.46 -3.65	79.02 5.16 -5.04	73.86 5.09 0.00	57.67 3.67 0.00	51.76 3.20 0.00	46.22 2.57 0.00
BAYONEEC__CTG6 323687	49.32 2.26 0.00	46.72 2.22 0.00	44.77 1.88 0.00	44.57 1.80 0.00	46.42 1.57 0.00	50.43 1.89 0.00	73.00 3.34 0.00	113.46 6.01 0.00	67.68 3.59 0.00	48.01 3.08 -3.86	44.75 2.65 -4.74	40.65 2.71 -1.33	38.29 2.57 -1.03	38.24 2.41 -2.83	34.35 2.13 -3.06	35.70 2.26 -1.68	42.02 2.64 -3.67	53.29 3.36 -6.86	67.59 4.46 -3.65	79.02 5.16 -5.04	73.86 5.09 0.00	57.67 3.67 0.00	51.76 3.20 0.00	46.22 2.57 0.00
BAYONEEC__CTG7 323688	49.32 2.26 0.00	46.72 2.22 0.00	44.77 1.88 0.00	44.57 1.80 0.00	46.42 1.57 0.00	50.43 1.89 0.00	73.00 3.34 0.00	113.46 6.01 0.00	67.68 3.59 0.00	48.01 3.08 -3.86	44.75 2.65 -4.74	40.65 2.71 -1.33	38.29 2.57 -1.03	38.24 2.41 -2.83	34.35 2.13 -3.06	35.70 2.26 -1.68	42.02 2.64 -3.67	53.29 3.36 -6.86	67.59 4.46 -3.65	79.02 5.16 -5.04	73.86 5.09 0.00	57.67 3.67 0.00	51.76 3.20 0.00	46.22 2.57 0.00

BAYONEEC___CTG8 323689	49.32 2.26 0.00	46.72 2.22 0.00	44.77 1.88 0.00	44.57 1.80 0.00	46.42 1.57 0.00	50.43 1.89 0.00	73.00 3.34 0.00	113.46 6.01 0.00	67.68 3.59 0.00	48.01 3.08 -3.86	44.75 2.65 -4.74	40.65 2.71 -1.33	38.29 2.57 -1.03	38.24 2.41 -2.83	34.35 2.13 -3.06	35.70 2.26 -1.68	42.02 2.64 -3.67	53.29 3.36 -6.86	67.59 4.46 -3.65	79.02 5.16 -5.04	73.86 5.09 0.00	57.67 3.67 0.00	51.76 3.20 0.00	46.22 2.57 0.00
BAYONEEC___CTG9 323749	49.32 2.26 0.00	46.72 2.22 0.00	44.77 1.88 0.00	44.57 1.80 0.00	46.42 1.57 0.00	50.43 1.89 0.00	73.00 3.34 0.00	113.46 6.01 0.00	67.68 3.59 0.00	48.01 3.08 -3.86	44.75 2.65 -4.74	40.65 2.71 -1.33	38.29 2.57 -1.03	38.24 2.41 -2.83	34.35 2.13 -3.06	35.70 2.26 -1.68	42.02 2.64 -3.67	53.29 3.36 -6.86	67.59 4.46 -3.65	79.02 5.16 -5.04	73.86 5.09 0.00	57.67 3.67 0.00	51.76 3.20 0.00	46.22 2.57 0.00
BEACON___LESR 323632	47.91 0.85 0.00	45.47 0.98 0.00	43.83 0.94 0.00	43.67 0.90 0.00	45.48 0.63 0.00	49.32 0.77 0.00	71.12 1.47 0.00	109.60 2.15 0.00	65.50 1.41 0.00	43.05 1.03 -0.95	39.31 0.79 -1.17	37.67 0.73 -0.33	35.68 0.73 -0.25	34.43 0.73 -0.70	30.56 0.64 -0.75	32.97 0.79 -0.41	37.67 1.07 -0.90	46.13 1.38 -1.69	62.45 2.08 -0.89	72.31 2.27 -1.24	70.98 2.20 0.00	55.78 1.78 0.00	50.30 1.75 0.00	44.87 1.22 0.00
BEAVER RIVER___HYD 24048	46.97 -0.09 0.00	44.41 -0.09 0.00	42.97 0.09 0.00	43.16 0.38 0.00	45.48 0.63 0.00	49.42 0.87 0.00	71.54 1.88 0.00	109.81 2.36 0.00	64.54 0.45 0.00	40.69 -0.37 0.00	36.95 -0.41 0.00	35.99 -0.62 0.00	34.07 -0.62 0.00	32.31 -0.69 0.00	28.35 -0.82 0.00	30.72 -1.05 0.00	34.77 -0.93 0.00	42.12 -0.95 0.00	58.52 -0.95 0.00	68.26 -0.55 0.00	68.02 -0.76 0.00	53.46 -0.54 0.00	48.02 -0.53 0.00	43.39 -0.26 0.00
BEEBEE_GT_13 23619	46.17 -0.89 0.00	43.21 -1.29 0.00	41.86 -1.03 0.00	41.75 -1.03 0.00	44.36 -0.49 0.00	47.13 -1.41 0.00	67.64 -2.02 0.00	107.71 -2.36 -2.62	62.30 -1.79 0.00	39.30 -1.77 0.00	35.83 -1.53 0.00	35.22 -1.39 0.00	33.41 -1.28 0.00	31.78 -1.22 0.00	28.06 -1.11 0.00	30.68 -1.08 0.00	34.20 -1.50 0.00	41.17 -1.89 0.00	57.65 -1.84 -0.01	66.48 -2.34 -0.01	66.92 -2.13 -0.28	52.60 -1.78 -0.38	46.67 -1.89 -0.01	42.29 -1.35 0.00
BENSHRST_27_KV_BENSHRST_1 355998	49.84 2.78 0.00	47.26 2.76 0.00	45.16 2.27 0.00	44.96 2.18 0.00	46.83 1.97 0.00	50.97 2.43 0.00	73.56 3.90 0.00	114.33 6.88 0.00	68.13 4.04 0.00	48.42 3.49 -3.86	45.04 2.95 -4.73	40.98 3.04 -1.33	38.61 2.88 -1.03	38.47 2.64 -2.83	34.53 2.30 -3.06	35.95 2.51 -1.68	42.34 2.96 -3.67	53.71 3.79 -6.86	68.30 5.17 -3.64	79.97 6.12 -5.04	74.90 6.12 0.00	58.21 4.21 0.00	52.29 3.74 0.00	46.79 3.14 0.00
BETHLEHEM___GRP 23843	47.25 0.19 0.00	44.85 0.36 0.00	43.27 0.39 0.00	43.07 0.30 0.00	44.90 0.04 0.00	48.69 0.15 0.00	69.94 0.28 0.00	107.88 0.43 0.00	64.54 0.45 0.00	42.50 0.49 -0.94	39.00 0.49 -1.15	37.38 0.44 -0.32	35.36 0.42 -0.25	34.19 0.50 -0.69	30.32 0.41 -0.75	32.71 0.54 -0.41	37.31 0.71 -0.89	45.55 0.82 -1.67	61.49 1.13 -0.88	71.20 1.17 -1.22	69.88 1.10 0.00	54.81 0.81 0.00	49.57 1.02 0.00	44.30 0.65 0.00
BETHLEHEM___GS1 323560	47.25 0.19 0.00	44.85 0.35 0.00	43.27 0.39 0.00	43.08 0.30 0.00	44.85 0.00 0.00	48.59 0.05 0.00	69.94 0.28 0.00	107.77 0.32 0.00	64.54 0.45 0.00	42.54 0.53 -0.94	39.00 0.48 -1.15	37.38 0.44 -0.32	35.40 0.45 -0.25	34.15 0.46 -0.69	30.32 0.41 -0.75	32.68 0.51 -0.41	37.31 0.71 -0.89	45.55 0.82 -1.67	61.43 1.07 -0.88	71.20 1.17 -1.22	69.87 1.10 0.00	54.97 0.97 0.00	49.57 1.02 0.00	44.30 0.66 0.00
BETHLEHEM___GS2 323561	47.25 0.19 0.00	44.85 0.35 0.00	43.27 0.39 0.00	43.08 0.30 0.00	44.85 0.00 0.00	48.59 0.05 0.00	69.94 0.28 0.00	107.77 0.32 0.00	64.54 0.45 0.00	42.54 0.53 -0.94	39.00 0.48 -1.15	37.38 0.44 -0.32	35.40 0.45 -0.25	34.15 0.46 -0.69	30.32 0.41 -0.75	32.68 0.51 -0.41	37.31 0.71 -0.89	45.55 0.82 -1.67	61.43 1.07 -0.88	71.20 1.17 -1.22	69.87 1.10 0.00	54.97 0.97 0.00	49.57 1.02 0.00	44.30 0.66 0.00
BETHLEHEM___GS3 323562	47.25 0.19 0.00	44.85 0.35 0.00	43.27 0.39 0.00	43.08 0.30 0.00	44.85 0.00 0.00	48.59 0.05 0.00	69.94 0.28 0.00	107.77 0.32 0.00	64.54 0.45 0.00	42.54 0.53 -0.94	39.00 0.48 -1.15	37.38 0.44 -0.32	35.40 0.45 -0.25	34.15 0.46 -0.69	30.32 0.41 -0.75	32.68 0.51 -0.41	37.31 0.71 -0.89	45.55 0.82 -1.67	61.43 1.07 -0.88	71.20 1.17 -1.22	69.87 1.10 0.00	54.97 0.97 0.00	49.57 1.02 0.00	44.30 0.66 0.00
BETHLEHEM___STEEL 23779	44.24 -2.82 0.00	41.20 -3.29 0.00	40.23 -2.66 0.00	40.12 -2.65 0.00	43.01 -1.84 0.00	44.46 -4.08 0.00	62.97 -6.69 0.00	85.32 -9.78 12.35	58.32 -5.77 0.00	36.04 -4.60 0.42	33.44 -3.92 0.00	32.84 -3.77 0.00	31.36 -3.33 0.00	29.83 -3.17 0.00	26.39 -2.77 0.00	28.87 -2.89 0.00	31.85 -3.86 0.00	38.06 -5.00 0.01	52.95 -6.48 0.04	61.27 -7.50 0.04	60.33 -7.15 1.29	46.17 -6.05 1.78	43.02 -5.49 0.04	39.80 -3.84 0.00
BETHLHEM_115KV_TB1 79974	47.35 0.28 0.00	44.94 0.44 0.00	43.32 0.43 0.00	43.16 0.38 0.00	45.03 0.18 0.00	48.78 0.24 0.00	70.14 0.49 0.00	108.10 0.64 0.00	64.67 0.58 0.00	42.58 0.57 -0.94	39.07 0.56 -1.15	37.45 0.51 -0.32	35.43 0.49 -0.25	34.22 0.53 -0.69	30.37 0.47 -0.74	32.74 0.57 -0.41	37.30 0.71 -0.89	45.63 0.90 -1.66	61.61 1.25 -0.88	71.27 1.24 -1.22	70.01 1.24 0.00	54.92 0.92 0.00	49.62 1.07 0.00	44.34 0.70 0.00
BETHPAGE_CC_5 323564	49.98 2.92 0.00	47.08 2.58 0.00	44.99 2.10 0.00	44.91 2.14 0.00	46.65 1.80 0.00	50.78 2.23 0.00	72.72 3.06 0.00	112.71 5.26 0.00	66.53 2.43 0.00	48.33 3.41 -3.86	45.31 3.21 -4.74	41.13 3.18 -1.34	38.75 3.02 -1.04	38.71 2.87 -2.84	34.82 2.59 -3.06	36.21 2.76 -1.69	43.91 3.14 -5.06	54.60 3.88 -7.66	68.36 5.24 -3.65	79.77 5.92 -5.04	74.77 5.98 -0.01	59.02 4.43 -0.59	56.00 3.93 -3.51	53.27 3.36 -6.27
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	44.43 -2.64 0.00	41.43 -3.07 0.00	40.44 -2.44 0.00	40.34 -2.44 0.00	43.24 -1.61 0.00	44.71 -3.83 0.00	63.39 -6.27 0.00	86.26 -9.03 12.17	58.84 -5.26 0.00	36.34 -4.31 0.41	33.62 -3.74 0.00	33.03 -3.59 0.00	31.54 -3.16 0.00	30.00 -3.00 0.00	26.54 -2.62 0.00	28.97 -2.80 0.00	31.99 -3.71 0.00	38.23 -4.82 0.01	53.19 -6.25 0.04	61.54 -7.23 0.04	60.69 -6.81 1.27	46.36 -5.89 1.75	43.27 -5.24 0.04	39.98 -3.67 0.00
BINGHAMTON___COGEN 23790	47.39 0.33 0.00	44.63 0.13 0.00	43.10 0.21 0.00	42.99 0.21 0.00	45.26 0.40 0.00	48.74 0.19 0.00	69.87 0.21 0.00	104.94 0.21 2.72	64.03 -0.06 0.00	39.54 -0.29 1.24	35.62 -0.22 1.52	35.97 -0.22 0.43	34.19 -0.17 0.33	31.90 -0.20 0.91	28.01 -0.17 0.98	31.12 -0.10 0.54	34.37 -0.14 1.19	40.67 -0.17 2.22	57.93 -0.36 1.19	67.10 -0.07 1.64	68.63 0.14 0.28	53.23 -0.38 0.39	48.30 -0.24 0.01	43.73 0.09 0.00

BIXINCNT_115KV_LOAD 355685	44.76 -2.31 0.00	41.96 -2.54 0.00	41.04 -1.84 0.00	41.06 -1.71 0.00	43.82 -1.03 0.00	45.82 -2.72 0.00	65.13 -4.53 0.00	89.47 -6.66 11.32	60.05 -4.04 0.00	37.31 -3.41 0.35	34.48 -2.88 0.00	33.76 -2.86 0.00	32.13 -2.57 0.00	30.36 -2.64 0.00	26.74 -2.42 0.00	29.00 -2.76 0.00	32.17 -3.53 0.00	38.66 -4.39 0.01	52.12 -7.32 0.04	61.48 -7.29 0.04	61.61 -5.98 1.18	45.89 -6.48 1.63	43.37 -5.15 0.04	40.72 -2.92 0.00
BLACK RIVER___HYD 24047	47.63 0.57 0.00	44.94 0.44 0.00	43.44 0.56 0.00	43.67 0.90 0.00	45.93 1.07 0.00	50.00 1.45 0.00	72.72 3.06 0.00	111.53 4.08 0.00	65.44 1.35 0.00	40.61 -0.45 0.00	36.91 -0.45 0.00	35.74 -0.88 0.00	33.79 -0.90 0.00	32.01 -0.99 0.00	28.14 -1.02 0.00	30.65 -1.11 0.00	34.92 -0.79 0.00	42.46 -0.60 0.00	59.60 0.12 0.00	69.84 1.03 0.00	69.60 0.83 0.00	54.49 0.48 0.00	48.89 0.34 0.00	44.04 0.39 0.00
BLACKRVR_115KV_TB2 79977	47.63 0.56 0.00	44.94 0.44 0.00	43.44 0.56 0.00	43.67 0.90 0.00	45.88 1.03 0.00	49.95 1.41 0.00	72.72 3.06 0.00	111.53 4.08 0.00	65.44 1.35 0.00	40.65 -0.41 0.00	36.87 -0.49 0.00	35.74 -0.88 0.00	33.79 -0.90 0.00	32.01 -0.99 0.00	28.14 -1.02 0.00	30.65 -1.11 0.00	34.92 -0.79 0.00	42.46 -0.60 0.00	59.60 0.12 0.00	69.84 1.03 0.00	69.60 0.83 0.00	54.54 0.54 0.00	48.89 0.34 0.00	44.04 0.39 0.00
BLDWN_LI_69_KV_BK4 356085	50.12 3.06 0.00	47.17 2.67 0.00	45.12 2.23 0.00	45.00 2.22 0.00	46.78 1.93 0.00	51.26 2.72 0.00	73.14 3.48 0.00	113.15 5.69 0.00	66.91 2.82 0.00	48.45 3.53 -3.86	45.31 3.21 -4.74	41.21 3.26 -1.34	38.82 3.09 -1.04	38.78 2.94 -2.84	34.82 2.60 -3.07	36.24 2.80 -1.69	43.95 3.18 -5.07	54.53 3.75 -7.72	68.36 5.23 -3.65	79.98 6.12 -5.05	74.91 6.12 -0.01	59.05 4.48 -0.56	56.20 3.88 -3.77	53.73 3.36 -6.72
BLISS_WT_PWR 323608	44.66 -2.40 0.00	41.87 -2.63 0.00	41.00 -1.89 0.00	41.06 -1.71 0.00	43.96 -0.90 0.00	46.55 -1.99 0.00	65.27 -4.39 0.00	89.47 -6.66 11.32	60.12 -3.97 0.00	37.35 -3.37 0.35	34.60 -2.76 0.00	33.94 -2.67 0.00	32.20 -2.50 0.00	30.43 -2.57 0.00	26.66 -2.51 0.00	28.94 -2.83 0.00	32.03 -3.68 0.00	38.49 -4.57 0.01	52.72 -6.72 0.04	60.79 -7.98 0.04	61.47 -6.12 1.18	45.89 -6.48 1.63	43.95 -4.57 0.04	40.63 -3.01 0.00
BLUESTONE___WT_PWR 323821	48.90 1.83 0.00	46.14 1.65 0.00	44.47 1.59 0.00	44.44 1.67 0.00	46.69 1.84 0.00	50.63 2.09 0.00	73.21 3.55 0.00	113.90 6.45 0.00	67.42 3.33 2.15	40.52 1.60 2.63	36.07 1.34 0.74	37.12 1.25 0.57	35.30 1.18 1.57	32.39 0.96 1.57	28.22 0.76 1.70	31.46 0.82 1.13	34.37 1.14 2.47	40.21 1.77 4.62	59.94 2.91 2.45	69.06 3.64 3.40	72.49 3.71 0.00	56.27 2.27 0.00	50.64 2.09 0.00	45.48 1.83 0.00
BLUE_CIRC_CHEM_DRP 24182	48.00 0.94 0.00	45.52 1.02 0.00	43.87 0.99 0.00	43.71 0.94 0.00	45.66 0.81 0.00	49.51 0.97 0.00	71.12 1.46 0.00	110.46 3.01 0.00	65.57 1.47 0.00	42.84 0.82 -0.95	39.08 0.56 -1.16	37.45 0.51 -0.33	35.43 0.49 -0.25	34.23 0.53 -0.70	30.35 0.44 -0.75	32.74 0.57 -0.41	37.45 0.86 -0.89	46.02 1.29 -1.67	62.56 2.20 -0.89	72.58 2.55 -1.22	71.32 2.54 0.00	55.94 1.94 0.00	50.49 1.94 0.00	45.13 1.48 0.00
BOC_GAS_DRP 24189	47.58 0.52 0.00	45.08 0.58 0.00	43.44 0.56 0.00	43.29 0.51 0.00	45.21 0.36 0.00	49.03 0.49 0.00	70.42 0.77 0.00	108.52 1.07 0.00	64.86 0.77 0.00	42.77 0.78 -0.92	39.16 0.67 -1.13	37.59 0.66 -0.32	35.56 0.62 -0.25	34.31 0.63 -0.68	30.45 0.55 -0.73	32.83 0.67 -0.40	37.36 0.79 -0.87	45.69 0.99 -1.63	61.66 1.31 -0.87	71.46 1.45 -1.20	70.15 1.38 0.00	55.08 1.08 0.00	49.67 1.12 0.00	44.43 0.79 0.00
BOONVILLE_115KV_TB1 79983	47.67 0.61 0.00	45.08 0.58 0.00	43.53 0.64 0.00	43.59 0.81 0.00	45.84 0.99 0.00	49.71 1.16 0.00	71.82 2.16 0.00	110.67 3.22 0.00	65.50 1.41 0.00	41.52 0.45 0.00	37.70 0.34 0.00	36.80 0.18 0.00	34.83 0.14 0.00	33.07 0.07 0.00	29.11 -0.06 0.00	31.60 -0.16 0.00	35.70 0.00 0.00	43.24 0.17 0.00	60.01 0.54 0.00	69.70 0.89 0.00	69.53 0.76 0.00	54.54 0.54 0.00	48.99 0.44 0.00	44.17 0.52 0.00
BORALEX_4TH_BRANCH 23824	47.67 0.61 0.00	45.25 0.76 0.00	43.70 0.81 0.00	43.50 0.73 0.00	45.39 0.54 0.00	49.27 0.73 0.00	70.70 1.04 0.00	108.74 1.29 0.00	65.37 1.28 0.00	43.29 1.23 -0.99	39.66 1.08 -1.21	37.91 0.95 -0.34	35.79 0.83 -0.26	34.65 0.92 -0.72	30.79 0.85 -0.78	33.40 1.21 -0.43	38.14 1.50 -0.94	46.54 1.72 -1.75	62.79 2.38 -0.93	72.78 2.68 -1.29	71.39 2.61 0.00	56.16 2.16 0.00	50.59 2.04 0.00	45.13 1.48 0.00
BOWLINE___1 23526	48.85 1.79 0.00	46.28 1.78 0.00	44.39 1.50 0.00	44.18 1.41 0.00	46.06 1.21 0.00	50.00 1.45 0.00	72.24 2.58 0.00	111.96 4.51 0.00	66.78 2.69 0.00	48.35 2.34 -4.94	45.47 2.05 -6.06	40.40 2.09 -1.70	37.99 1.98 -1.32	38.44 1.81 -3.62	34.74 1.66 -3.92	35.66 1.75 -2.15	42.48 2.07 -4.70	54.48 2.63 -8.79	67.78 3.63 -4.67	79.54 4.27 -6.46	72.90 4.13 0.00	57.02 3.02 0.00	51.12 2.57 0.00	45.74 2.09 0.00
BOWLINE___2 23595	48.85 1.79 0.00	46.28 1.78 0.00	44.39 1.50 0.00	44.18 1.41 0.00	46.06 1.21 0.00	50.00 1.45 0.00	72.24 2.58 0.00	111.96 4.51 0.00	66.78 2.69 0.00	48.33 2.34 -4.93	45.46 2.05 -6.04	40.39 2.09 -1.69	37.99 1.98 -1.32	38.43 1.81 -3.61	34.73 1.66 -3.90	35.65 1.75 -2.14	42.46 2.07 -4.69	54.45 2.63 -8.76	67.76 3.63 -4.65	79.52 4.27 -6.44	72.90 4.13 0.00	57.02 3.02 0.00	51.12 2.57 0.00	45.74 2.09 0.00
BRADY___115KV_TB2 356060	47.35 0.28 0.00	44.85 0.36 0.00	43.19 0.30 0.00	43.24 0.47 0.00	45.57 0.72 0.00	49.37 0.83 0.00	70.70 1.04 0.00	108.10 0.64 0.00	64.09 0.00 0.00	40.78 -0.29 0.00	37.10 -0.26 0.00	36.29 -0.33 0.00	34.38 -0.31 0.00	32.71 -0.30 0.00	28.84 -0.32 0.00	31.29 -0.48 0.00	35.31 -0.39 0.00	42.50 -0.56 0.00	58.29 -1.19 0.00	67.71 -1.10 0.00	67.47 -1.31 0.00	53.84 -0.16 0.00	48.16 -0.39 0.00	43.60 -0.04 0.00
BRANSCOMB___SOLAR 323811	48.05 0.99 0.00	45.52 1.02 0.00	43.83 0.94 0.00	43.63 0.86 0.00	45.66 0.81 0.00	49.51 0.97 0.00	71.46 1.81 0.00	110.14 2.69 0.00	65.57 1.48 0.00	42.62 0.70 -0.86	38.68 0.26 -1.05	37.09 0.18 -0.30	35.06 0.14 -0.23	33.83 0.20 -0.63	30.02 0.18 -0.68	32.52 0.38 -0.37	37.23 0.71 -0.81	45.66 1.08 -1.52	62.43 2.14 -0.81	72.61 2.68 -1.12	71.32 2.55 0.00	56.00 2.00 0.00	50.40 1.84 0.00	44.87 1.22 0.00
BRDGHMPT_69_KV_BK1 55812	50.50 3.44 0.00	47.48 2.98 0.00	45.33 2.44 0.00	45.43 2.65 0.00	46.96 2.11 0.00	51.60 3.06 0.00	77.03 3.97 -3.40	124.92 6.66 -10.81	68.79 2.63 -2.07	48.86 3.94 -3.86	46.47 4.37 -4.74	42.38 4.43 -1.33	40.10 4.37 -1.04	40.03 4.19 -2.84	35.96 3.73 -3.06	37.51 4.07 -1.68	45.40 4.64 -5.05	56.28 5.64 -7.57	74.64 7.20 -7.96	85.81 7.64 -9.36	80.35 8.05 -3.53	66.75 6.43 -6.33	57.54 5.87 -3.11	54.33 5.15 -5.53

BRENTWOD_69_KV_W. BRTWOOD 56703	50.55 3.48 0.00	47.57 3.07 0.00	45.46 2.57 0.00	45.38 2.61 0.00	47.14 2.29 0.00	51.50 2.96 0.00	76.37 3.55 -3.16	123.07 5.59 -10.04	68.71 2.69 -1.92	48.86 3.94 -3.86	45.83 3.74 -4.74	41.68 3.73 -1.33	39.27 3.54 -1.04	39.17 3.33 -2.84	35.20 2.97 -3.06	36.69 3.24 -1.68	44.51 3.75 -5.05	55.29 4.65 -7.58	71.49 5.89 -6.12	84.53 6.67 -9.05	78.86 6.81 -3.28	61.09 5.08 -2.01	56.41 4.71 -3.15	53.45 4.19 -5.62
BRISTLHL_115KV_TB1 79998	46.50 -0.56 0.00	43.83 -0.67 0.00	42.29 -0.60 0.00	42.17 -0.60 0.00	44.27 -0.58 0.00	47.81 -0.73 0.00	68.68 -0.98 0.00	106.27 -1.18 0.00	63.13 -0.96 0.00	40.20 -0.86 0.00	36.69 -0.67 0.00	35.92 -0.70 0.00	34.03 -0.66 0.00	32.38 -0.63 0.00	28.61 -0.55 0.00	31.19 -0.57 0.00	35.02 -0.68 0.00	42.29 -0.78 0.00	58.65 -0.83 0.00	67.92 -0.89 0.00	68.02 -0.76 0.00	53.24 -0.76 0.00	47.78 -0.78 0.00	42.99 -0.65 0.00
BROOKHAVEN__DRP 24191	50.31 3.25 0.00	47.30 2.80 0.00	45.16 2.27 0.00	45.25 2.48 0.00	46.83 1.97 0.00	51.40 2.86 0.00	76.67 3.55 -3.46	124.36 5.91 -11.00	68.70 2.50 -2.11	48.74 3.82 -3.86	46.06 3.96 -4.74	41.90 3.95 -1.33	39.51 3.78 -1.04	39.44 3.60 -2.84	35.41 3.18 -3.06	36.91 3.46 -1.68	44.79 4.03 -5.05	55.63 5.00 -7.57	73.73 6.30 -7.95	84.99 6.74 -9.43	79.52 7.15 -3.59	65.89 5.62 -6.28	56.81 5.15 -3.11	53.71 4.54 -5.53
BROOKLYN_NAVY_YARD 23515	49.28 2.21 0.00	46.68 2.18 0.00	44.69 1.80 0.00	44.49 1.71 0.00	46.38 1.53 0.00	50.38 1.84 0.00	72.93 3.27 0.00	113.46 6.01 0.00	67.68 3.59 0.00	48.01 3.08 -3.86	44.75 2.65 -4.74	40.61 2.67 -1.33	38.26 2.53 -1.03	38.21 2.38 -2.83	34.32 2.10 -3.06	35.66 2.22 -1.68	41.98 2.60 -3.67	53.24 3.32 -6.86	67.59 4.46 -3.65	79.02 5.16 -5.04	73.86 5.09 0.00	57.62 3.62 0.00	51.66 3.11 0.00	46.13 2.49 0.00
BROOKLYN__ARMY_DRP 323595	49.65 2.59 0.00	47.12 2.63 0.00	45.03 2.14 0.00	44.83 2.05 0.00	46.65 1.79 0.00	50.82 2.28 0.00	73.28 3.62 0.00	113.90 6.45 0.00	67.87 3.78 0.00	48.21 3.29 -3.86	44.90 2.80 -4.73	40.83 2.89 -1.33	38.47 2.74 -1.03	38.34 2.51 -2.83	34.44 2.22 -3.06	35.82 2.38 -1.68	42.19 2.82 -3.67	53.54 3.62 -6.86	68.06 4.94 -3.64	79.70 5.85 -5.04	74.55 5.78 0.00	57.94 3.94 0.00	52.10 3.54 0.00	46.61 2.97 0.00
BROOME_2_LFGE 323671	47.39 0.33 0.00	44.63 0.13 0.00	43.10 0.22 0.00	42.99 0.21 0.00	45.30 0.45 0.00	48.83 0.29 0.00	69.87 0.21 0.00	104.94 0.22 2.72	64.03 -0.06 0.00	39.54 -0.29 1.24	35.69 -0.15 1.52	36.04 -0.15 0.43	34.22 -0.15 0.33	31.96 -0.14 0.91	28.01 -0.17 0.98	31.12 -0.10 0.54	34.37 -0.14 1.19	40.67 -0.17 2.22	58.11 -0.18 1.19	66.96 -0.21 1.64	68.63 0.14 0.28	53.29 -0.32 0.39	48.45 -0.10 0.01	43.73 0.09 0.00
BROOME__LFGE 323600	47.39 0.33 0.00	44.63 0.13 0.00	43.10 0.22 0.00	42.99 0.21 0.00	45.30 0.45 0.00	48.83 0.29 0.00	69.87 0.21 0.00	104.94 0.22 2.72	64.03 -0.06 0.00	39.54 -0.29 1.24	35.69 -0.15 1.52	36.04 -0.15 0.43	34.22 -0.14 0.33	31.96 -0.13 0.91	28.01 -0.17 0.98	31.12 -0.10 0.54	34.37 -0.14 1.19	40.67 -0.17 2.22	58.11 -0.18 1.19	66.96 -0.21 1.64	68.63 0.14 0.28	53.29 -0.32 0.39	48.45 -0.10 0.01	43.73 0.09 0.00
BROWNFLS_115KV_TB_3_5 80003	46.22 -0.85 0.00	43.74 -0.76 0.00	42.24 -0.64 0.00	42.39 -0.38 0.00	44.63 -0.22 0.00	48.49 -0.05 0.00	69.94 0.28 0.00	107.24 -0.21 0.00	63.32 -0.77 0.00	40.08 -0.99 0.00	36.39 -0.97 0.00	35.52 -1.10 0.00	33.62 -1.08 0.00	31.95 -1.06 0.00	28.06 -1.11 0.00	30.40 -1.37 0.00	34.38 -1.32 0.00	41.51 -1.55 0.00	57.40 -2.08 0.00	66.75 -2.06 0.00	66.51 -2.27 0.00	52.65 -1.35 0.00	47.19 -1.36 0.00	42.64 -1.00 0.00
BROWNSV1_27_KV_LOAD 356125	49.70 2.64 0.00	47.08 2.58 0.00	45.07 2.19 0.00	44.87 2.10 0.00	46.74 1.88 0.00	51.02 2.48 0.00	73.63 3.97 0.00	114.33 6.88 0.00	68.26 4.17 0.00	48.34 3.41 -3.86	45.01 2.91 -4.74	40.91 2.97 -1.33	38.54 2.81 -1.03	38.44 2.61 -2.83	34.50 2.27 -3.06	35.92 2.48 -1.68	42.27 2.89 -3.67	53.59 3.66 -6.86	68.00 4.88 -3.65	79.56 5.71 -5.04	74.48 5.71 0.00	58.00 4.00 0.00	52.15 3.59 0.00	46.57 2.92 0.00
BURROWS__LYONSDAL 23803	47.49 0.42 0.00	44.85 0.36 0.00	43.40 0.51 0.00	43.46 0.68 0.00	45.75 0.90 0.00	49.66 1.12 0.00	71.82 2.16 0.00	110.46 3.01 0.00	65.31 1.22 0.00	41.35 0.29 0.00	37.51 0.15 0.00	36.61 0.00 0.00	34.66 -0.03 0.00	32.90 -0.10 0.00	28.90 -0.26 0.00	31.38 -0.38 0.00	35.45 -0.25 0.00	42.89 -0.17 0.00	59.54 0.06 0.00	69.22 0.41 0.00	69.05 0.28 0.00	54.16 0.16 0.00	48.70 0.15 0.00	43.91 0.26 0.00
CAITHNESS_CC_1 323624	50.31 3.24 0.00	47.30 2.80 0.00	45.20 2.31 0.00	45.25 2.48 0.00	46.87 2.02 0.00	51.02 2.47 0.00	76.66 3.48 -3.52	124.53 5.91 -11.18	68.73 2.50 -2.14	48.70 3.78 -3.86	46.02 3.92 -4.74	41.87 3.92 -1.33	39.45 3.71 -1.04	39.37 3.53 -2.84	35.38 3.15 -3.06	36.85 3.40 -1.68	44.72 3.96 -5.05	55.50 4.86 -7.57	73.72 6.30 -7.94	85.06 6.75 -9.50	79.51 7.09 -3.65	65.80 5.56 -6.23	56.71 5.05 -3.10	53.63 4.45 -5.53
CALPINE BETH_PAGE_GT4 24209	50.03 2.96 0.00	47.12 2.63 0.00	45.03 2.14 0.00	44.96 2.18 0.00	46.74 1.88 0.00	51.21 2.67 0.00	72.93 3.27 0.00	112.93 5.48 0.00	66.66 2.56 0.00	48.41 3.49 -3.86	45.31 3.21 -4.74	41.14 3.19 -1.34	38.79 3.05 -1.04	38.71 2.87 -2.84	34.80 2.57 -3.06	36.21 2.76 -1.69	43.95 3.18 -5.07	54.64 3.88 -7.70	68.36 5.23 -3.65	79.84 5.99 -5.04	74.84 6.05 -0.01	59.02 4.43 -0.59	56.16 3.93 -3.67	53.61 3.40 -6.56
CALPINE_BETH_PAGE_GT_4 323586	50.03 2.97 0.00	47.12 2.62 0.00	45.03 2.14 0.00	44.91 2.14 0.00	46.69 1.84 0.00	50.82 2.28 0.00	72.86 3.21 0.00	112.93 5.48 0.00	66.66 2.57 0.00	48.37 3.45 -3.86	45.31 3.21 -4.74	41.17 3.22 -1.34	38.79 3.05 -1.04	38.71 2.87 -2.84	34.82 2.59 -3.06	36.21 2.76 -1.69	43.95 3.18 -5.07	54.64 3.88 -7.70	68.42 5.29 -3.65	79.84 5.98 -5.04	74.84 6.05 -0.01	59.07 4.48 -0.59	56.16 3.93 -3.67	53.61 3.41 -6.56
CALPINE_BP_GT1 23823	50.03 2.97 0.00	47.12 2.62 0.00	45.03 2.14 0.00	44.91 2.14 0.00	46.69 1.84 0.00	50.82 2.28 0.00	72.86 3.21 0.00	112.93 5.48 0.00	66.66 2.57 0.00	48.37 3.45 -3.86	45.31 3.21 -4.74	41.17 3.22 -1.34	38.79 3.05 -1.04	38.71 2.87 -2.84	34.82 2.59 -3.06	36.21 2.76 -1.69	43.95 3.18 -5.07	54.64 3.88 -7.70	68.42 5.29 -3.65	79.84 5.98 -5.04	74.84 6.05 -0.01	59.07 4.48 -0.59	56.16 3.93 -3.67	53.61 3.41 -6.56
CALSPAN__DRP 24200	44.24 -2.82 0.00	41.20 -3.29 0.00	40.23 -2.66 0.00	40.12 -2.65 0.00	43.01 -1.84 0.00	44.46 -4.08 0.00	62.97 -6.69 0.00	85.32 -9.78 12.35	58.32 -5.77 0.00	36.04 -4.60 0.42	33.44 -3.92 0.00	32.84 -3.77 0.00	31.36 -3.33 0.00	29.83 -3.17 0.00	26.39 -2.77 0.00	28.87 -2.89 0.00	31.85 -3.86 0.00	38.06 -5.00 0.01	52.95 -6.48 0.04	61.27 -7.50 0.04	60.33 -7.15 0.04	46.17 -6.05 1.29	43.02 -5.49 1.78	39.80 -3.84 0.00

CALVERTON___SOLAR 323806	50.31 3.24 0.00	47.30 2.80 0.00	45.16 2.27 0.00	45.25 2.48 0.00	46.82 1.97 0.00	51.02 2.47 0.00	76.58 3.48 -3.44	124.38 6.01 -10.92	68.62 2.43 -2.09	48.70 3.78 -3.86	46.13 4.04 -4.74	41.98 4.03 -1.33	39.58 3.85 -1.04	39.50 3.66 -2.84	35.49 3.27 -3.06	37.00 3.56 -1.68	44.90 4.14 -5.05	55.76 5.12 -7.57	73.92 6.48 -7.96	85.09 6.88 -9.40	79.56 7.22 -3.56	66.14 5.83 -6.30	56.95 5.29 -3.11	53.85 4.67 -5.53
CANDIGU_WT_PWR 323617	45.84 -1.22 0.00	43.03 -1.47 0.00	41.77 -1.12 0.00	41.79 -0.98 0.00	44.54 -0.31 0.00	47.57 -0.97 0.00	67.22 -2.44 0.00	73.97 -3.54 29.94	61.40 -2.69 0.00	36.06 -2.42 2.58	34.39 -1.98 0.99	34.43 -1.91 0.28	32.74 -1.73 0.22	30.79 -1.62 0.59	26.98 -1.55 0.64	29.71 -1.68 0.36	32.76 -2.14 0.80	38.85 -2.67 1.54	55.16 -3.51 0.81	63.78 -3.92 1.11	62.43 -3.30 3.05	46.42 -3.35 4.23	45.86 -2.67 0.02	41.94 -1.70 0.00
CARR STREET_E_SYP 24060	46.97 -0.09 0.00	44.32 -0.18 0.00	42.72 -0.17 0.00	42.60 -0.17 0.00	44.85 0.00 0.00	48.44 -0.10 0.00	69.52 -0.14 0.00	107.45 0.00 0.00	63.90 -0.19 0.00	40.74 -0.33 0.00	37.14 -0.22 0.00	36.40 -0.22 0.00	34.49 -0.21 0.00	32.81 -0.20 0.00	28.96 -0.20 0.00	31.57 -0.19 0.00	35.42 -0.29 0.00	42.76 -0.30 0.00	59.24 -0.24 0.00	68.60 -0.21 0.00	68.71 -0.07 0.00	53.79 -0.22 0.00	48.26 -0.29 0.00	43.43 -0.22 0.00
CARTHAGE___PAPER 23857	47.20 0.14 0.00	44.63 0.13 0.00	43.15 0.26 0.00	43.33 0.55 0.00	45.61 0.76 0.00	49.66 1.12 0.00	72.09 2.44 0.00	110.57 3.12 0.00	65.25 1.15 0.00	40.49 -0.57 0.00	36.80 -0.56 0.00	35.59 -1.02 0.00	33.65 -1.04 0.00	31.91 -1.09 0.00	28.06 -1.11 0.00	30.56 -1.21 0.00	34.81 -0.89 0.00	42.24 -0.82 0.00	58.94 -0.54 0.00	68.95 0.14 0.00	68.71 -0.07 0.00	53.95 -0.05 0.00	48.41 -0.15 0.00	43.65 0.00 0.00
CASSADAGA_WT_PWR 323784	45.13 -1.93 0.00	42.32 -2.18 0.00	41.47 -1.41 0.00	41.40 -1.37 0.00	44.40 -0.45 0.00	46.94 -1.60 0.00	65.76 -3.90 0.00	89.75 -5.80 11.90	60.50 -3.59 0.00	37.53 -3.16 0.38	34.74 -2.62 0.00	34.12 -2.49 0.00	32.44 -2.25 0.00	30.79 -2.21 0.00	27.01 -2.16 0.00	29.48 -2.29 0.00	32.52 -3.18 0.00	38.96 -4.09 0.01	53.73 -5.71 0.04	62.10 -6.67 0.04	62.10 -5.43 1.24	46.62 -5.67 1.71	44.24 -4.27 0.04	40.94 -2.71 0.00
CE_DUNWOOD___DRP 24194	49.13 2.07 0.00	46.54 2.05 0.00	44.65 1.76 0.00	44.44 1.67 0.00	46.33 1.48 0.00	50.48 1.94 0.00	72.72 3.06 0.00	112.82 5.37 0.00	67.30 3.20 0.00	47.71 2.71 -3.94	44.50 2.32 -4.83	40.35 2.38 -1.35	38.00 2.26 -1.05	37.97 2.08 -2.89	34.15 1.87 -3.12	35.47 2.00 -1.71	41.80 2.36 -3.74	53.03 2.97 -7.00	67.24 4.04 -3.72	78.63 4.68 -5.14	73.52 4.75 0.00	57.35 3.35 0.00	51.51 2.96 0.00	46.05 2.40 0.00
CE_MILLWOOD___DRP 24193	49.09 2.02 0.00	46.50 2.00 0.00	44.56 1.67 0.00	44.36 1.58 0.00	46.24 1.39 0.00	50.43 1.89 0.00	72.58 2.93 0.00	112.61 5.16 0.00	67.17 3.08 0.00	47.84 2.59 -4.19	44.70 2.20 -5.14	40.33 2.27 -1.44	37.96 2.15 -1.12	38.05 1.98 -3.07	34.26 1.78 -3.32	35.49 1.91 -1.82	41.94 2.25 -3.98	53.35 2.84 -7.45	67.30 3.87 -3.95	78.82 4.54 -5.47	73.31 4.54 0.00	57.24 3.24 0.00	51.42 2.86 0.00	45.96 2.31 0.00
CE_NYC2_DRP 24202	49.51 2.45 0.00	46.94 2.45 0.00	44.90 2.02 0.00	44.70 1.92 0.00	46.60 1.75 0.00	50.68 2.14 0.00	73.14 3.48 0.00	113.57 6.12 0.00	67.81 3.72 0.00	48.17 3.24 -3.86	44.86 2.76 -4.73	40.80 2.86 -1.33	38.43 2.71 -1.03	38.34 2.51 -2.83	34.41 2.19 -3.06	35.79 2.35 -1.68	42.12 2.75 -3.67	53.41 3.49 -6.86	67.70 4.58 -3.64	79.22 5.37 -5.04	74.14 5.36 0.00	57.73 3.73 0.00	51.90 3.35 0.00	46.44 2.79 0.00
CE_NYC_DRP 24195	49.37 2.31 0.00	46.77 2.27 0.00	44.77 1.89 0.00	44.57 1.80 0.00	46.47 1.61 0.00	50.68 2.14 0.00	73.14 3.48 0.00	113.57 6.12 0.00	67.81 3.72 0.00	48.05 3.12 -3.86	44.79 2.69 -4.74	40.69 2.75 -1.33	38.33 2.60 -1.03	38.24 2.41 -2.83	34.32 2.10 -3.06	35.73 2.29 -1.68	42.05 2.68 -3.67	53.33 3.40 -6.86	67.59 4.46 -3.65	79.08 5.23 -5.04	73.93 5.16 0.00	57.62 3.62 0.00	51.81 3.25 0.00	46.26 2.62 0.00
CHAFFEE___LFGE 323603	44.57 -2.50 0.00	41.52 -2.98 0.00	40.53 -2.36 0.00	40.42 -2.35 0.00	43.42 -1.44 0.00	45.78 -2.76 0.00	63.74 -5.92 0.00	86.80 -8.81 11.84	58.84 -5.25 0.00	36.45 -4.23 0.38	33.85 -3.51 0.00	33.32 -3.30 0.00	31.71 -2.98 0.00	30.26 -2.74 0.00	26.63 -2.54 0.00	29.16 -2.60 0.00	32.17 -3.54 0.00	38.45 -4.61 0.01	53.37 -6.07 0.04	61.82 -6.95 0.04	61.00 -6.54 1.24	46.46 -5.83 1.71	43.36 -5.15 0.04	40.11 -3.53 0.00
CHATEAUG_35_KV_LOAD 355732	47.11 0.05 0.00	44.67 0.18 0.00	43.02 0.13 0.00	42.99 0.21 0.00	45.21 0.36 0.00	49.03 0.49 0.00	70.14 0.49 0.00	107.67 0.21 0.00	64.16 0.06 0.00	41.02 -0.04 0.00	37.36 0.00 0.00	36.54 -0.07 0.00	34.62 -0.07 0.00	32.90 -0.10 0.00	28.99 -0.17 0.00	31.41 -0.35 0.00	35.27 -0.43 0.00	42.29 -0.78 0.00	57.81 -1.67 0.00	66.81 -2.00 0.00	66.51 -2.27 0.00	52.87 -1.13 0.00	47.29 -1.26 0.00	42.73 -0.92 0.00
CHATEAUG_WT_PWR 323614	47.02 -0.05 0.00	44.59 0.09 0.00	42.93 0.04 0.00	42.90 0.13 0.00	45.12 0.27 0.00	48.88 0.34 0.00	70.01 0.35 0.00	107.45 0.00 0.00	64.09 0.00 0.00	41.07 0.00 0.00	37.43 0.07 0.00	36.58 -0.04 0.00	34.62 -0.07 0.00	32.90 -0.10 0.00	29.02 -0.15 0.00	31.41 -0.35 0.00	35.28 -0.43 0.00	42.29 -0.77 0.00	57.70 -1.78 0.00	66.61 -2.20 0.00	66.44 -2.34 0.00	52.60 -1.40 0.00	47.24 -1.31 0.00	42.69 -0.96 0.00
CHAT_HIGH_FALL_HYD 323578	47.11 0.05 0.00	44.67 0.18 0.00	43.02 0.13 0.00	42.99 0.21 0.00	45.21 0.36 0.00	49.03 0.49 0.00	70.14 0.49 0.00	107.67 0.21 0.00	64.16 0.06 0.00	41.02 -0.04 0.00	37.36 0.00 0.00	36.54 -0.07 0.00	34.62 -0.07 0.00	32.90 -0.10 0.00	28.99 -0.17 0.00	31.41 -0.35 0.00	35.27 -0.43 0.00	42.29 -0.78 0.00	57.81 -1.67 0.00	66.81 -2.00 0.00	66.51 -2.27 0.00	52.87 -1.13 0.00	47.29 -1.26 0.00	42.73 -0.92 0.00
CHAUTAUQUA___LFGE 323629	44.90 -2.16 0.00	41.91 -2.58 0.00	41.00 -1.89 0.00	40.89 -1.88 0.00	43.87 -0.99 0.00	46.36 -2.18 0.00	64.64 -5.02 0.00	87.62 -7.52 12.31	59.54 -4.55 0.00	36.96 -3.70 0.41	34.30 -3.06 0.00	33.72 -2.89 0.00	32.09 -2.60 0.00	30.53 -2.48 0.00	26.83 -2.33 0.00	29.32 -2.45 0.00	32.34 -3.36 0.00	38.70 -4.35 0.01	53.55 -5.89 0.04	62.03 -6.74 0.04	61.44 -6.05 1.29	46.50 -5.73 1.77	43.76 -4.76 0.04	40.50 -3.14 0.00
CHERRYST_13_KV_LD 356241	49.51 2.45 0.00	46.90 2.40 0.00	44.90 2.02 0.00	44.70 1.92 0.00	46.60 1.75 0.00	50.82 2.28 0.00	73.35 3.69 0.00	113.90 6.45 0.00	68.00 3.91 0.00	48.21 3.29 -3.86	44.90 2.80 -4.74	40.80 2.86 -1.33	38.43 2.71 -1.03	38.38 2.54 -2.83	34.44 2.22 -3.06	35.82 2.38 -1.68	42.16 2.78 -3.67	53.46 3.53 -6.86	67.76 4.64 -3.65	79.29 5.44 -5.04	74.14 5.36 0.00	57.78 3.78 0.00	51.90 3.35 0.00	46.35 2.71 0.00

CHESTROR_138KV_BK263 355645	48.62 1.55 0.00	46.05 1.56 0.00	44.17 1.29 0.00	44.01 1.24 0.00	45.88 1.03 0.00	50.00 1.46 0.00	71.96 2.30 0.00	111.32 3.87 0.00	66.33 2.24 0.00	66.77 1.93 -23.78	68.15 1.64 -29.14	46.47 1.68 -8.17	42.65 1.60 -6.36	51.91 1.49 -17.43	49.30 1.31 -18.83	43.54 1.43 -10.35	60.07 1.71 -22.66	87.64 2.24 -42.34	85.07 3.09 -22.49	103.64 3.72 -31.12	72.42 3.65 0.00	56.54 2.54 0.00	50.79 2.23 0.00	45.43 1.79 0.00
CH_MIDHUDSON__DRP 24192	49.13 2.07 0.00	46.50 2.00 0.00	44.65 1.76 0.00	44.44 1.67 0.00	46.38 1.53 0.00	50.53 1.99 0.00	72.72 3.06 0.00	112.50 5.05 0.00	67.10 3.01 0.00	45.47 2.30 -2.10	41.80 1.87 -2.57	39.20 1.87 -0.72	36.96 1.70 -0.56	36.09 1.55 -1.54	32.20 1.37 -1.66	34.18 1.52 -0.90	39.52 1.86 -1.96	49.15 2.41 -3.67	64.88 3.45 -1.95	75.57 4.06 -2.70	73.18 4.40 0.00	57.13 3.13 0.00	51.32 2.77 0.00	45.87 2.23 0.00
CH_MISC_IPPS 23765	49.60 2.54 0.00	46.99 2.49 0.00	45.07 2.19 0.00	44.91 2.14 0.00	46.82 1.97 0.00	50.87 2.33 0.00	73.49 3.83 0.00	113.79 6.34 0.00	67.74 3.65 0.00	45.61 2.51 -2.04	41.72 1.87 -2.50	39.11 1.79 -0.70	36.73 1.49 -0.54	35.72 1.22 -1.49	31.91 1.14 -1.61	33.86 1.24 -0.86	39.16 1.57 -1.89	48.75 2.15 -3.53	64.68 3.33 -1.88	75.33 3.92 -2.60	73.86 5.09 0.00	57.67 3.67 0.00	51.71 3.15 0.00	46.22 2.57 0.00
CH_RES_BVR_FALLS 23983	46.88 -0.19 0.00	44.36 -0.13 0.00	42.76 -0.13 0.00	42.69 -0.09 0.00	44.81 -0.04 0.00	48.54 0.00 0.00	69.59 -0.07 0.00	107.24 -0.21 0.00	63.96 -0.13 0.00	40.98 -0.08 0.00	37.29 -0.07 0.00	36.51 -0.11 0.00	34.59 -0.10 0.00	32.87 -0.13 0.00	28.99 -0.17 0.00	31.51 -0.26 0.00	35.42 -0.29 0.00	42.68 -0.39 0.00	58.70 -0.77 0.00	67.91 -0.90 0.00	67.81 -0.96 0.00	53.36 -0.65 0.00	47.97 -0.58 0.00	43.21 -0.44 0.00
CH_RES_NIAGARA 23895	43.49 -3.58 0.00	40.36 -4.14 0.00	39.46 -3.43 0.00	39.22 -3.55 0.00	42.21 -2.65 0.00	43.49 -5.05 0.00	61.37 -8.29 0.00	84.06 -12.25 11.14	56.85 -7.24 0.00	35.41 -5.34 0.32	32.80 -4.56 0.00	32.26 -4.36 0.00	30.77 -3.92 0.00	29.34 -3.66 0.00	25.96 -3.21 0.00	28.36 -3.40 0.00	31.31 -4.39 0.00	37.28 -5.77 0.01	51.94 -7.49 0.04	59.89 -8.88 0.04	58.87 -8.73 1.17	45.43 -6.97 1.61	42.15 -6.36 0.04	38.93 -4.71 0.00
CH_RES_SYRACUSE 23985	47.30 0.24 0.00	44.59 0.09 0.00	43.02 0.13 0.00	42.90 0.13 0.00	45.12 0.27 0.00	48.78 0.24 0.00	70.01 0.35 0.00	108.31 0.86 0.00	64.35 0.26 0.00	40.98 -0.08 0.00	37.36 0.00 0.00	36.61 0.00 0.00	34.66 -0.03 0.00	32.97 -0.03 0.00	29.11 -0.06 0.00	31.73 -0.03 0.00	35.60 -0.11 0.00	42.98 -0.09 0.00	59.60 0.12 0.00	69.02 0.21 0.00	69.12 0.35 0.00	54.11 0.11 0.00	48.55 0.00 0.00	43.69 0.04 0.00
CLINTON_WT_PWR 323605	47.02 -0.05 0.00	44.59 0.09 0.00	42.93 0.04 0.00	42.90 0.13 0.00	45.12 0.27 0.00	48.88 0.34 0.00	70.01 0.35 0.00	107.45 0.00 0.00	64.09 0.00 0.00	41.07 0.00 0.00	37.43 0.07 0.00	36.58 -0.04 0.00	34.62 -0.07 0.00	32.90 -0.10 0.00	29.02 -0.15 0.00	31.41 -0.35 0.00	35.28 -0.43 0.00	42.29 -0.77 0.00	57.70 -1.78 0.00	66.61 -2.20 0.00	66.44 -2.34 0.00	52.60 -1.40 0.00	47.24 -1.31 0.00	42.69 -0.96 0.00
CLINTON__LFGE 323618	47.77 0.71 0.00	45.25 0.76 0.00	43.57 0.68 0.00	43.58 0.81 0.00	45.93 1.07 0.00	49.70 1.16 0.00	71.26 1.60 0.00	109.39 1.94 0.00	65.18 1.09 0.00	41.60 0.53 0.00	37.92 0.56 0.00	37.02 0.40 0.00	35.08 0.38 0.00	33.33 0.33 0.00	29.40 0.23 0.00	31.83 0.06 0.00	35.77 0.07 0.00	42.93 -0.13 0.00	58.52 -0.95 0.00	67.64 -1.17 0.00	67.47 -1.31 0.00	53.51 -0.49 0.00	47.97 -0.58 0.00	43.39 -0.26 0.00
COBBLENY_34_KV_TB1 80064	44.57 -2.49 0.00	41.52 -2.98 0.00	40.53 -2.36 0.00	40.42 -2.35 0.00	43.28 -1.57 0.00	44.85 -3.69 0.00	63.60 -6.06 0.00	86.80 -8.81 11.84	58.84 -5.26 0.00	36.45 -4.23 0.38	33.70 -3.66 0.00	33.10 -3.52 0.00	31.61 -3.09 0.00	30.07 -2.94 0.00	26.63 -2.54 0.00	29.09 -2.67 0.00	32.17 -3.53 0.00	38.44 -4.61 0.01	53.19 -6.25 0.04	61.68 -7.09 0.04	61.00 -6.53 1.24	46.41 -5.89 1.71	43.32 -5.20 0.04	40.11 -3.54 0.00
COFFEEN__115KV_TB3 355620	47.82 0.75 0.00	45.12 0.62 0.00	43.57 0.69 0.00	43.80 1.03 0.00	46.06 1.21 0.00	50.09 1.55 0.00	73.00 3.34 0.00	111.96 4.51 0.00	65.57 1.47 0.00	40.70 -0.37 0.00	36.87 -0.49 0.00	35.74 -0.88 0.00	33.76 -0.94 0.00	31.98 -1.02 0.00	28.11 -1.05 0.00	30.65 -1.11 0.00	34.95 -0.75 0.00	42.55 -0.52 0.00	59.84 0.36 0.00	70.19 1.38 0.00	69.94 1.17 0.00	54.76 0.76 0.00	49.09 0.53 0.00	44.21 0.57 0.00
COLDSPRG_115KV_BK1 355956	45.84 -1.22 0.00	42.94 -1.56 0.00	41.99 -0.90 0.00	41.88 -0.90 0.00	44.63 -0.22 0.00	46.84 -1.70 0.00	66.66 -3.00 0.00	91.58 -4.62 11.25	61.14 -2.95 0.00	38.02 -2.71 0.33	35.08 -2.28 0.00	34.38 -2.23 0.00	32.79 -1.91 0.00	31.09 -1.91 0.00	27.44 -1.72 0.00	29.92 -1.84 0.00	33.17 -2.53 0.00	39.74 -3.32 0.01	52.90 -6.54 0.04	62.86 -5.92 0.04	63.06 -4.54 1.17	46.39 -5.99 1.62	44.05 -4.47 0.04	41.51 -2.14 0.00
COLONIE_LFGE__ 323577	47.72 0.66 0.00	45.25 0.76 0.00	43.66 0.77 0.00	43.46 0.68 0.00	45.35 0.49 0.00	49.13 0.58 0.00	70.77 1.11 0.00	109.06 1.61 0.00	65.25 1.15 0.00	42.88 0.90 -0.92	39.12 0.63 -1.12	37.51 0.58 -0.31	35.49 0.55 -0.24	34.23 0.56 -0.67	30.41 0.53 -0.73	32.89 0.73 -0.40	37.57 1.00 -0.87	45.93 1.25 -1.62	62.24 1.90 -0.86	72.20 2.20 -1.19	70.84 2.06 0.00	55.73 1.73 0.00	50.15 1.60 0.00	44.74 1.09 0.00
COOPERNY_115KV_TB1 80082	48.43 1.36 0.00	45.83 1.33 0.00	44.00 1.12 0.00	43.84 1.07 0.00	45.75 0.90 0.00	49.80 1.26 0.00	71.61 1.95 0.00	110.67 3.22 0.00	65.95 1.86 0.00	35.84 1.68 6.91	30.34 1.46 8.47	35.74 1.50 2.38	34.27 1.42 1.85	29.26 1.32 5.07	24.86 1.17 5.47	30.17 1.27 2.86	30.97 1.54 6.27	33.37 2.02 11.71	55.99 2.74 6.22	63.50 3.30 8.61	71.94 3.16 0.00	56.21 2.21 0.00	50.49 1.94 0.00	45.22 1.57 0.00
COPENHAGEN_WT_PWR 323753	47.49 0.42 0.00	44.85 0.35 0.00	43.32 0.43 0.00	43.50 0.73 0.00	45.70 0.85 0.00	49.75 1.21 0.00	72.37 2.71 0.00	110.99 3.54 0.00	65.18 1.09 0.00	40.53 -0.53 0.00	36.87 -0.49 0.00	35.70 -0.91 0.00	33.76 -0.94 0.00	31.98 -1.02 0.00	28.12 -1.05 0.00	30.65 -1.11 0.00	34.88 -0.82 0.00	42.42 -0.64 0.00	59.48 0.00 0.00	69.64 0.83 0.00	69.46 0.69 0.00	54.38 0.38 0.00	48.80 0.24 0.00	43.91 0.26 0.00
CORNELL____ 23752	48.29 1.22 0.00	45.43 0.93 0.00	43.83 0.94 0.00	43.76 0.98 0.00	46.11 1.26 0.00	49.71 1.16 0.00	71.54 1.88 0.00	112.68 3.22 -2.00	65.44 1.35 0.00	40.69 0.37 0.75	36.59 0.30 1.07	36.50 0.18 0.30	34.67 0.21 0.23	32.50 0.13 0.64	28.56 0.09 0.69	31.46 0.10 0.40	35.01 0.18 0.87	41.92 0.47 1.62	59.51 0.89 0.86	69.06 1.45 1.19	70.70 1.72 -0.20	55.20 0.92 -0.28	49.33 0.78 0.00	44.52 0.87 0.00

CORONA_69_KV_TB1 355595	49.93 2.87 0.00	47.08 2.58 0.00	45.03 2.14 0.00	44.91 2.14 0.00	46.74 1.88 0.00	51.11 2.57 0.00	73.07 3.41 0.00	113.04 5.59 0.00	66.98 2.88 0.00	48.33 3.41 -3.86	45.17 3.06 -4.74	41.03 3.08 -1.34	38.66 2.91 -1.05	38.62 2.77 -2.84	34.69 2.45 -3.07	36.09 2.64 -1.69	43.79 2.96 -5.12	54.92 3.66 -8.20	68.19 5.06 -3.66	79.78 5.92 -5.05	74.71 5.91 -0.02	59.02 4.21 -0.81	58.06 3.69 -5.82	57.17 3.14 -10.38
CORTLAND_115KV_TB3 80093	47.82 0.75 0.00	45.08 0.58 0.00	43.44 0.56 0.00	43.37 0.60 0.00	45.66 0.81 0.00	49.27 0.73 0.00	70.84 1.18 0.00	109.49 2.04 0.00	64.92 0.83 0.00	41.27 0.21 0.00	37.55 0.19 0.00	36.72 0.11 0.00	34.83 0.14 0.00	33.07 0.07 0.00	29.22 0.06 0.00	31.83 0.06 0.00	35.81 0.11 0.00	43.32 0.26 0.00	60.01 0.54 0.00	69.70 0.89 0.00	69.81 1.03 0.00	54.49 0.49 0.00	48.99 0.44 0.00	44.17 0.52 0.00
COXSACKIE__GT 23611	49.46 2.40 0.00	46.85 2.36 0.00	45.16 2.27 0.00	45.00 2.22 0.00	47.01 2.15 0.00	51.06 2.52 0.00	73.70 4.04 0.00	113.14 5.69 0.00	66.78 2.69 0.00	43.05 0.98 -1.00	39.15 0.56 -1.23	37.43 0.47 -0.34	35.41 0.45 -0.27	34.20 0.46 -0.73	30.40 0.44 -0.79	32.79 0.60 -0.42	37.70 1.07 -0.93	46.60 1.81 -1.73	63.90 3.51 -0.92	74.42 4.34 -1.27	72.97 4.20 0.00	57.19 3.19 0.00	51.42 2.86 0.00	45.91 2.27 0.00
CPV_VALLEY__CC1 323721	48.28 1.22 0.00	45.74 1.24 0.00	43.87 0.99 0.00	43.71 0.94 0.00	45.57 0.72 0.00	49.51 0.97 0.00	71.40 1.74 0.00	110.57 3.12 0.00	65.88 1.79 0.00	34.54 1.68 8.21	28.75 1.46 10.06	35.30 1.50 2.82	33.92 1.42 2.19	28.31 1.32 6.02	23.86 1.20 6.50	29.53 1.27 3.50	29.57 1.53 7.67	30.71 1.98 14.33	54.54 2.68 7.61	61.44 3.17 10.53	71.87 3.10 0.00	56.22 2.21 0.00	50.44 1.89 0.00	45.13 1.48 0.00
CPV_VALLEY__CC2 323722	48.28 1.22 0.00	45.74 1.24 0.00	43.87 0.99 0.00	43.71 0.94 0.00	45.57 0.72 0.00	49.51 0.97 0.00	71.40 1.74 0.00	110.57 3.12 0.00	65.88 1.79 0.00	34.54 1.68 8.21	28.75 1.46 10.06	35.30 1.50 2.82	33.92 1.42 2.19	28.31 1.32 6.02	23.86 1.20 6.50	29.53 1.27 3.50	29.57 1.53 7.67	30.71 1.98 14.33	54.54 2.68 7.61	61.44 3.17 10.53	71.87 3.10 0.00	56.22 2.21 0.00	50.44 1.89 0.00	45.13 1.48 0.00
CRESCENT__HYD 24018	47.72 0.66 0.00	45.25 0.76 0.00	43.66 0.77 0.00	43.46 0.68 0.00	45.35 0.49 0.00	49.13 0.58 0.00	70.77 1.11 0.00	109.06 1.61 0.00	65.25 1.15 0.00	42.88 0.90 -0.92	39.12 0.63 -1.12	37.51 0.58 -0.31	35.49 0.55 -0.24	34.23 0.56 -0.67	30.41 0.53 -0.73	32.89 0.73 -0.40	37.57 1.00 -0.87	45.93 1.25 -1.62	62.24 1.90 -0.86	72.20 2.20 -1.19	70.84 2.06 0.00	55.73 1.73 0.00	50.15 1.60 0.00	44.74 1.09 0.00
CRICKET__VALLEY_CC1 323756	48.38 1.32 0.00	45.83 1.33 0.00	44.00 1.11 0.00	43.80 1.02 0.00	45.66 0.81 0.00	49.51 0.97 0.00	71.46 1.81 0.00	110.78 3.33 0.00	66.20 2.11 0.00	45.41 1.97 -2.37	41.95 1.68 -2.91	39.11 1.69 -0.81	36.89 1.56 -0.63	36.19 1.45 -1.74	32.38 1.34 -1.88	34.25 1.46 -1.03	39.70 1.75 -2.25	49.46 2.20 -4.20	64.68 2.97 -2.23	75.34 3.44 -3.09	72.21 3.44 0.00	56.54 2.54 0.00	50.74 2.19 0.00	45.35 1.70 0.00
CRICKET__VALLEY_CC2 323757	48.38 1.32 0.00	45.83 1.33 0.00	44.00 1.11 0.00	43.80 1.02 0.00	45.66 0.81 0.00	49.51 0.97 0.00	71.46 1.81 0.00	110.78 3.33 0.00	66.20 2.11 0.00	45.41 1.97 -2.37	41.95 1.68 -2.91	39.11 1.69 -0.81	36.89 1.56 -0.63	36.19 1.45 -1.74	32.38 1.34 -1.88	34.25 1.46 -1.03	39.70 1.75 -2.25	49.46 2.20 -4.20	64.68 2.97 -2.23	75.34 3.44 -3.09	72.21 3.44 0.00	56.54 2.54 0.00	50.74 2.19 0.00	45.35 1.70 0.00
CRICKET__VALLEY_CC3 323758	48.38 1.32 0.00	45.83 1.33 0.00	44.00 1.11 0.00	43.80 1.02 0.00	45.66 0.81 0.00	49.51 0.97 0.00	71.46 1.81 0.00	110.78 3.33 0.00	66.20 2.11 0.00	45.41 1.97 -2.37	41.95 1.68 -2.91	39.11 1.69 -0.81	36.89 1.56 -0.63	36.19 1.45 -1.74	32.38 1.34 -1.88	34.25 1.46 -1.03	39.70 1.75 -2.25	49.46 2.20 -4.20	64.68 2.97 -2.23	75.34 3.44 -3.09	72.21 3.44 0.00	56.54 2.54 0.00	50.74 2.19 0.00	45.35 1.70 0.00
CRUCIBLE_METL_DRP 24180	47.30 0.24 0.00	44.59 0.09 0.00	43.02 0.13 0.00	42.90 0.13 0.00	45.12 0.27 0.00	48.69 0.15 0.00	69.94 0.28 0.00	108.31 0.86 0.00	64.35 0.26 0.00	40.98 -0.08 0.00	37.36 0.00 0.00	36.58 -0.04 0.00	34.66 -0.03 0.00	32.94 -0.07 0.00	29.11 -0.06 0.00	31.73 -0.03 0.00	35.60 -0.11 0.00	42.98 -0.09 0.00	59.54 0.06 0.00	69.02 0.21 0.00	69.12 0.34 0.00	54.11 0.11 0.00	48.55 0.00 0.00	43.69 0.04 0.00
DAHOWA__HYDRO 323763	48.05 0.99 0.00	45.52 1.02 0.00	43.83 0.94 0.00	43.63 0.86 0.00	45.66 0.81 0.00	49.51 0.97 0.00	71.54 1.88 0.00	110.35 2.90 0.00	65.63 1.54 0.00	42.57 0.66 -0.85	38.59 0.19 -1.04	37.02 0.11 -0.29	34.99 0.07 -0.23	33.76 0.13 -0.62	29.92 0.09 -0.67	32.42 0.29 -0.37	37.15 0.64 -0.81	45.60 1.03 -1.50	62.48 2.20 -0.80	72.67 2.76 -1.11	71.39 2.61 0.00	56.00 2.00 0.00	50.40 1.84 0.00	44.82 1.18 0.00
DANC__LFGE 323619	47.02 -0.05 0.00	44.36 -0.13 0.00	42.84 -0.04 0.00	42.95 0.17 0.00	45.08 0.23 0.00	49.03 0.49 0.00	71.05 1.39 0.00	109.16 1.71 0.00	64.28 0.19 0.00	40.20 -0.86 0.00	36.61 -0.75 0.00	35.55 -1.06 0.00	33.65 -1.04 0.00	31.91 -1.09 0.00	28.09 -1.08 0.00	30.62 -1.14 0.00	34.74 -0.96 0.00	42.20 -0.86 0.00	59.00 -0.48 0.00	68.88 0.07 0.00	68.78 0.00 0.00	53.84 -0.16 0.00	48.31 -0.24 0.00	43.47 -0.17 0.00
DANSKAMMER__1 23586	49.60 2.54 0.00	46.99 2.49 0.00	45.07 2.19 0.00	44.91 2.14 0.00	46.82 1.97 0.00	50.87 2.33 0.00	73.49 3.83 0.00	113.79 6.34 0.00	67.74 3.65 0.00	45.61 2.51 -2.04	41.72 1.87 -2.50	39.11 1.79 -0.70	36.73 1.49 -0.54	35.72 1.22 -1.49	31.91 1.14 -1.61	33.86 1.24 -0.86	39.16 1.57 -1.89	48.75 2.15 -3.53	64.68 3.33 -1.88	75.33 3.92 -2.60	73.86 5.09 0.00	57.67 3.67 0.00	51.71 3.15 0.00	46.22 2.57 0.00
DANSKAMMER__2 23589	49.60 2.54 0.00	46.99 2.49 0.00	45.07 2.19 0.00	44.91 2.14 0.00	46.82 1.97 0.00	50.87 2.33 0.00	73.49 3.83 0.00	113.79 6.34 0.00	67.74 3.65 0.00	45.61 2.51 -2.04	41.72 1.87 -2.50	39.11 1.79 -0.70	36.73 1.49 -0.54	35.72 1.22 -1.49	31.91 1.14 -1.61	33.86 1.24 -0.86	39.16 1.57 -1.89	48.75 2.15 -3.53	64.68 3.33 -1.88	75.33 3.92 -2.60	73.86 5.09 0.00	57.67 3.67 0.00	51.71 3.15 0.00	46.22 2.57 0.00
DANSKAMMER__3 23590	49.60 2.54 0.00	46.99 2.49 0.00	45.07 2.19 0.00	44.91 2.14 0.00	46.82 1.97 0.00	50.87 2.33 0.00	73.49 3.83 0.00	113.79 6.34 0.00	67.74 3.65 0.00	45.61 2.51 -2.04	41.72 1.87 -2.50	39.11 1.79 -0.70	36.73 1.49 -0.54	35.72 1.22 -1.49	31.91 1.14 -1.61	33.86 1.24 -0.86	39.16 1.57 -1.89	48.75 2.15 -3.53	64.68 3.33 -1.88	75.33 3.92 -2.60	73.86 5.09 0.00	57.67 3.67 0.00	51.71 3.15 0.00	46.22 2.57 0.00

DANSKAMMER___4 23591	49.60 2.54 0.00	46.99 2.49 0.00	45.07 2.19 0.00	44.91 2.14 0.00	46.82 1.97 0.00	50.87 2.33 0.00	73.49 3.83 0.00	113.79 6.34 0.00	67.74 3.65 0.00	45.61 2.51 -2.04	41.72 1.87 -2.50	39.11 1.79 -0.70	36.73 1.49 -0.54	35.72 1.22 -1.49	31.91 1.14 -1.61	33.86 1.24 -0.86	39.16 1.57 -1.89	48.75 2.15 -3.53	64.68 3.33 -1.88	75.33 3.92 -2.60	73.86 5.09 0.00	57.67 3.67 0.00	51.71 3.15 0.00	46.22 2.57 0.00
DANSKAMMER___DIESEL 23592	49.60 2.54 0.00	46.99 2.49 0.00	45.07 2.19 0.00	44.91 2.14 0.00	46.83 1.97 0.00	51.07 2.52 0.00	73.56 3.90 0.00	113.79 6.34 0.00	67.74 3.65 0.00	45.61 2.50 -2.04	41.72 1.87 -2.50	39.11 1.79 -0.70	36.73 1.49 -0.54	35.72 1.22 -1.49	31.88 1.11 -1.61	33.83 1.21 -0.86	39.16 1.57 -1.89	48.75 2.15 -3.53	64.63 3.27 -1.88	75.33 3.92 -2.60	73.86 5.09 0.00	57.62 3.62 0.00	51.71 3.16 0.00	46.22 2.58 0.00
DARBY___SOLAR 323810	48.05 0.99 0.00	45.52 1.02 0.00	43.79 0.90 0.00	43.63 0.86 0.00	45.66 0.81 0.00	49.46 0.92 0.00	71.40 1.74 0.00	110.14 2.69 0.00	65.50 1.41 0.00	42.62 0.70 -0.86	38.64 0.23 -1.05	37.06 0.15 -0.30	35.03 0.10 -0.23	33.80 0.17 -0.63	29.99 0.15 -0.68	32.45 0.32 -0.37	37.19 0.68 -0.81	45.66 1.08 -1.52	62.42 2.14 -0.81	72.54 2.61 -1.12	71.25 2.47 0.00	55.94 1.94 0.00	50.35 1.80 0.00	44.82 1.18 0.00
DASHVILLE___HYD 23610	49.09 2.02 0.00	46.50 2.00 0.00	44.65 1.76 0.00	44.44 1.67 0.00	46.38 1.53 0.00	50.53 1.99 0.00	72.72 3.06 0.00	112.29 4.84 0.00	66.85 2.76 0.00	44.25 1.97 -1.21	40.34 1.49 -1.49	38.53 1.50 -0.42	36.37 1.35 -0.32	35.08 1.19 -0.89	31.20 1.08 -0.96	33.42 1.18 -0.48	38.21 1.46 -1.05	47.05 2.02 -1.96	63.61 3.09 -1.04	73.89 3.65 -1.44	72.83 4.06 0.00	56.86 2.86 0.00	51.08 2.52 0.00	45.70 2.05 0.00
DELAWARE___LFGE 323621	48.38 1.32 0.00	45.70 1.20 0.00	44.00 1.12 0.00	43.93 1.15 0.00	46.02 1.17 0.00	49.85 1.31 0.00	71.75 2.09 0.00	110.67 3.22 0.00	65.82 1.73 0.00	40.47 1.07 1.67	36.18 0.86 2.04	36.92 0.88 0.57	35.08 0.83 0.45	32.54 0.76 1.22	28.49 0.64 1.32	31.72 0.70 0.74	34.97 0.89 1.63	41.23 1.21 3.04	59.65 1.78 1.62	68.84 2.27 2.24	70.98 2.20 0.00	55.51 1.51 0.00	50.01 1.46 0.00	44.91 1.27 0.00
DERFIELD_115KV_TB7 355931	47.11 0.05 0.00	44.54 0.04 0.00	42.93 0.04 0.00	42.82 0.04 0.00	44.85 0.00 0.00	48.59 0.05 0.00	69.80 0.14 0.00	107.67 0.21 0.00	64.22 0.13 0.00	41.15 0.08 0.00	37.43 0.07 0.00	36.69 0.07 0.00	34.76 0.07 0.00	33.07 0.07 0.00	29.19 0.03 0.00	31.83 0.06 0.00	35.77 0.07 0.00	43.19 0.13 0.00	59.72 0.24 0.00	69.08 0.28 0.00	69.05 0.28 0.00	54.16 0.16 0.00	48.70 0.15 0.00	43.73 0.09 0.00
DOGLEVILLE___HYD 23807	46.55 -0.52 0.00	44.01 -0.49 0.00	42.46 -0.43 0.00	42.39 -0.38 0.00	44.45 -0.40 0.00	48.25 -0.29 0.00	69.38 -0.28 0.00	107.13 -0.32 0.00	63.84 -0.26 0.00	40.86 -0.21 0.00	37.14 -0.22 0.00	36.40 -0.22 0.00	34.45 -0.24 0.00	32.71 -0.30 0.00	28.87 -0.29 0.00	31.41 -0.35 0.00	35.35 -0.36 0.00	42.68 -0.39 0.00	59.12 -0.36 0.00	68.47 -0.34 0.00	68.36 -0.41 0.00	53.57 -0.43 0.00	48.26 -0.29 0.00	43.34 -0.31 0.00
DUNKIRK___115KV_TB_200 55889	44.85 -2.21 0.00	41.87 -2.63 0.00	40.91 -1.97 0.00	40.81 -1.97 0.00	43.69 -1.17 0.00	45.43 -3.11 0.00	64.43 -5.22 0.00	87.37 -7.74 12.35	59.48 -4.61 0.00	36.84 -3.82 0.41	34.15 -3.21 0.00	33.47 -3.15 0.00	31.92 -2.78 0.00	30.33 -2.67 0.00	26.80 -2.36 0.00	29.25 -2.51 0.00	32.35 -3.36 0.00	38.66 -4.39 0.01	53.19 -6.25 0.04	62.03 -6.74 0.04	61.37 -6.12 1.29	46.45 -5.78 1.78	43.51 -5.00 0.04	40.46 -3.19 0.00
DUNKIRK___1 23563	44.85 -2.21 0.00	41.87 -2.63 0.00	40.91 -1.97 0.00	40.81 -1.97 0.00	43.69 -1.17 0.00	45.43 -3.11 0.00	64.43 -5.22 0.00	87.37 -7.74 12.35	59.48 -4.61 0.00	36.84 -3.82 0.41	34.15 -3.21 0.00	33.47 -3.15 0.00	31.92 -2.78 0.00	30.33 -2.67 0.00	26.80 -2.36 0.00	29.25 -2.51 0.00	32.35 -3.36 0.00	38.66 -4.39 0.01	53.19 -6.25 0.04	62.03 -6.74 0.04	61.37 -6.12 1.29	46.45 -5.78 1.78	43.51 -5.00 0.04	40.46 -3.19 0.00
DUNKIRK___2 23564	44.85 -2.21 0.00	41.87 -2.63 0.00	40.91 -1.97 0.00	40.81 -1.97 0.00	43.69 -1.17 0.00	45.43 -3.11 0.00	64.43 -5.22 0.00	87.37 -7.74 12.35	59.48 -4.61 0.00	36.84 -3.82 0.41	34.15 -3.21 0.00	33.47 -3.15 0.00	31.92 -2.78 0.00	30.33 -2.67 0.00	26.80 -2.36 0.00	29.25 -2.51 0.00	32.35 -3.36 0.00	38.66 -4.39 0.01	53.19 -6.25 0.04	62.03 -6.74 0.04	61.37 -6.12 1.29	46.45 -5.78 1.78	43.51 -5.00 0.04	40.46 -3.19 0.00
DUNKIRK___3 23565	44.66 -2.40 0.00	41.69 -2.80 0.00	40.70 -2.19 0.00	40.59 -2.18 0.00	43.42 -1.44 0.00	45.14 -3.40 0.00	64.01 -5.64 0.00	86.49 -8.38 12.58	59.09 -5.00 0.00	36.62 -4.02 0.42	33.92 -3.44 0.00	33.32 -3.30 0.00	31.78 -2.91 0.00	30.20 -2.81 0.00	26.69 -2.48 0.00	29.13 -2.64 0.00	32.20 -3.50 0.00	38.53 -4.52 0.01	53.01 -6.42 0.04	61.75 -7.02 0.04	61.00 -6.46 1.31	46.20 -5.99 1.81	43.37 -5.15 0.04	40.24 -3.40 0.00
DUNKIRK___4 23566	44.66 -2.40 0.00	41.69 -2.80 0.00	40.70 -2.19 0.00	40.59 -2.18 0.00	43.42 -1.44 0.00	45.14 -3.40 0.00	64.01 -5.64 0.00	86.49 -8.38 12.58	59.09 -5.00 0.00	36.62 -4.02 0.42	33.92 -3.44 0.00	33.32 -3.30 0.00	31.78 -2.91 0.00	30.20 -2.81 0.00	26.69 -2.48 0.00	29.13 -2.64 0.00	32.20 -3.50 0.00	38.53 -4.52 0.01	53.01 -6.42 0.04	61.75 -7.02 0.04	61.00 -6.46 1.31	46.20 -5.99 1.81	43.37 -5.15 0.04	40.24 -3.40 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	49.27 2.21 0.00	46.63 2.14 0.00	44.73 1.84 0.00	44.53 1.75 0.00	46.42 1.57 0.00	50.58 2.04 0.00	72.86 3.20 0.00	113.04 5.59 0.00	67.42 3.33 0.00	47.76 2.83 -3.86	44.56 2.47 -4.74	40.43 2.49 -1.33	38.12 2.39 -1.03	38.05 2.21 -2.83	34.18 1.95 -3.06	35.57 2.13 -1.68	41.88 2.50 -3.67	53.07 3.14 -6.87	67.35 4.22 -3.65	78.81 4.95 -5.04	73.73 4.95 0.00	57.51 3.51 0.00	51.66 3.11 0.00	46.18 2.53 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	49.65 2.59 0.00	46.99 2.49 0.00	45.07 2.19 0.00	44.91 2.14 0.00	46.83 1.97 0.00	51.07 2.52 0.00	73.63 3.97 0.00	113.79 6.34 0.00	67.74 3.65 0.00	45.32 2.46 -1.79	41.42 1.87 -2.20	39.02 1.79 -0.62	36.73 1.56 -0.48	35.64 1.32 -1.31	31.78 1.20 -1.42	33.81 1.30 -0.74	39.01 1.68 -1.63	48.39 2.28 -3.05	64.61 3.51 -1.62	75.25 4.20 -2.24	73.86 5.09 0.00	57.62 3.62 0.00	51.71 3.16 0.00	46.22 2.58 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	49.46 2.40 0.00	46.90 2.40 0.00	44.82 1.93 0.00	44.57 1.80 0.00	46.47 1.61 0.00	50.43 1.89 0.00	72.79 3.13 0.00	113.15 5.69 0.00	67.55 3.46 0.00	48.01 3.08 -3.86	44.71 2.62 -4.73	40.62 2.67 -1.33	38.26 2.53 -1.03	38.21 2.38 -2.83	34.26 2.22 -3.06	35.66 2.22 -1.68	41.98 2.61 -3.67	53.24 3.32 -6.86	67.46 4.34 -3.64	78.94 5.09 -5.04	73.80 5.02 0.00	57.46 3.46 0.00	51.81 3.25 0.00	46.44 2.79 0.00

E179THST_13_KV_LOAD 356214	49.65 2.59 0.00	47.08 2.58 0.00	44.99 2.10 0.00	44.74 1.97 0.00	46.65 1.79 0.00	50.68 2.14 0.00	73.14 3.48 0.00	113.68 6.23 0.00	67.81 3.72 0.00	48.21 3.29 -3.86	44.90 2.80 -4.73	40.80 2.86 -1.33	38.43 2.71 -1.03	38.34 2.51 -2.83	34.41 2.19 -3.06	35.79 2.35 -1.68	42.16 2.78 -3.67	53.46 3.53 -6.86	67.76 4.64 -3.64	79.29 5.44 -5.04	74.21 5.43 0.00	57.73 3.73 0.00	52.00 3.45 0.00	46.61 2.97 0.00
EAST HAMPTON___GT 23717	50.36 3.29 0.00	47.30 2.80 0.00	45.16 2.27 0.00	45.25 2.48 0.00	46.78 1.93 0.00	51.02 2.47 0.00	76.75 3.69 -3.40	124.60 6.34 -10.81	68.54 2.37 -2.07	48.66 3.74 -3.86	46.39 4.29 -4.74	42.38 4.43 -1.33	40.18 4.44 -1.04	40.13 4.29 -2.84	36.05 3.82 -3.06	37.57 4.13 -1.68	45.39 4.64 -5.05	56.23 5.60 -7.57	74.69 7.25 -7.96	85.80 7.64 -9.36	80.28 7.97 -3.53	66.80 6.48 -6.33	57.48 5.82 -3.11	54.24 5.06 -5.53
EAST RIVER___6 23660	49.28 2.21 0.00	46.68 2.18 0.00	44.69 1.80 0.00	44.49 1.71 0.00	46.33 1.48 0.00	50.38 1.84 0.00	72.93 3.27 0.00	113.46 6.01 0.00	67.81 3.72 0.00	48.09 3.16 -3.86	44.79 2.69 -4.74	40.69 2.75 -1.33	38.33 2.60 -1.03	38.28 2.44 -2.83	34.35 2.13 -3.06	35.73 2.29 -1.68	42.02 2.64 -3.67	53.33 3.40 -6.86	67.70 4.58 -3.65	79.02 5.16 -5.04	73.86 5.09 0.00	57.62 3.62 0.00	51.71 3.15 0.00	46.18 2.53 0.00
EAST RIVER___7 23524	49.28 2.21 0.00	46.68 2.18 0.00	44.69 1.80 0.00	44.49 1.71 0.00	46.33 1.48 0.00	50.38 1.84 0.00	72.93 3.27 0.00	113.46 6.01 0.00	67.81 3.72 0.00	48.09 3.16 -3.86	44.79 2.69 -4.74	40.69 2.75 -1.33	38.33 2.60 -1.03	38.28 2.44 -2.83	34.35 2.13 -3.06	35.73 2.29 -1.68	42.02 2.64 -3.67	53.33 3.40 -6.86	67.70 4.58 -3.65	79.02 5.16 -5.04	73.86 5.09 0.00	57.62 3.62 0.00	51.71 3.15 0.00	46.18 2.53 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	49.13 2.07 0.00	46.54 2.05 0.00	44.65 1.76 0.00	44.44 1.67 0.00	46.33 1.48 0.00	50.48 1.94 0.00	72.72 3.06 0.00	112.82 5.37 0.00	67.30 3.20 0.00	47.71 2.71 -3.94	44.50 2.32 -4.83	40.35 2.38 -1.35	38.00 2.26 -1.05	37.97 2.08 -2.89	34.15 1.87 -3.12	35.47 2.00 -1.71	41.80 2.36 -3.74	53.03 2.97 -7.00	67.24 4.04 -3.72	78.63 4.68 -5.14	73.52 4.75 0.00	57.35 3.35 0.00	51.51 2.96 0.00	46.05 2.40 0.00
EAST_HAMPTON___DIESEL 23722	50.26 3.20 0.00	47.21 2.71 0.00	45.07 2.19 0.00	45.17 2.39 0.00	46.69 1.84 0.00	50.92 2.38 0.00	76.61 3.55 -3.40	124.38 6.12 -10.81	68.41 2.24 -2.07	48.58 3.65 -3.86	46.32 4.22 -4.74	42.34 4.39 -1.33	40.14 4.41 -1.04	40.10 4.26 -2.84	36.05 3.82 -3.06	37.55 4.10 -1.68	45.39 4.64 -5.05	56.19 5.56 -7.57	74.63 7.19 -7.96	85.67 7.50 -9.36	80.21 7.91 -3.53	66.70 6.37 -6.33	57.44 5.78 -3.11	54.20 5.02 -5.53
EAST_POINT___SOLAR 323840	50.97 3.90 0.00	48.15 3.65 0.00	46.23 3.35 0.00	46.15 3.38 0.00	48.62 3.77 0.00	52.86 4.32 0.00	76.34 6.69 0.00	116.91 9.46 0.00	67.04 2.95 0.00	40.98 -0.08 0.00	36.13 -1.23 0.00	35.52 -1.10 0.00	33.65 -1.04 0.00	32.25 -0.76 0.00	28.76 -0.41 0.00	31.70 -0.06 0.00	36.38 0.68 0.00	44.83 1.77 0.00	64.29 4.82 0.00	75.28 6.47 0.00	75.10 6.32 0.00	58.65 4.64 0.00	53.07 4.52 0.00	47.14 3.49 0.00
EAST_PULASKI___ESR 323781	46.74 -0.33 0.00	44.05 -0.44 0.00	42.50 -0.39 0.00	42.56 -0.21 0.00	44.54 -0.31 0.00	48.30 -0.24 0.00	69.73 0.07 0.00	107.45 0.00 0.00	63.45 -0.64 0.00	40.00 -1.07 0.00	36.57 -0.79 0.00	35.63 -0.99 0.00	33.72 -0.97 0.00	32.04 -0.96 0.00	28.26 -0.90 0.00	30.81 -0.95 0.00	34.81 -0.89 0.00	42.16 -0.91 0.00	58.77 -0.71 0.00	68.47 -0.34 0.00	68.43 -0.34 0.00	53.57 -0.43 0.00	48.02 -0.53 0.00	43.21 -0.44 0.00
EAST_RIVER___1 323558	49.37 2.31 0.00	46.76 2.27 0.00	44.77 1.88 0.00	44.57 1.80 0.00	46.47 1.61 0.00	50.48 1.94 0.00	73.07 3.41 0.00	113.57 6.12 0.00	67.74 3.65 0.00	48.05 3.12 -3.86	44.79 2.69 -4.74	40.69 2.75 -1.33	38.33 2.60 -1.03	38.24 2.41 -2.83	34.38 2.16 -3.06	35.73 2.29 -1.68	42.05 2.68 -3.67	53.33 3.40 -6.86	67.64 4.52 -3.65	79.08 5.23 -5.04	73.94 5.16 0.00	57.72 3.72 0.00	51.76 3.20 0.00	46.26 2.62 0.00
EAST_RIVER___2 323559	49.28 2.21 0.00	46.68 2.18 0.00	44.69 1.80 0.00	44.49 1.71 0.00	46.33 1.48 0.00	50.38 1.84 0.00	72.93 3.27 0.00	113.46 6.01 0.00	67.81 3.72 0.00	48.09 3.16 -3.86	44.79 2.69 -4.74	40.69 2.75 -1.33	38.33 2.60 -1.03	38.28 2.44 -2.83	34.35 2.13 -3.06	35.73 2.29 -1.68	42.02 2.64 -3.67	53.33 3.40 -6.86	67.70 4.58 -3.65	79.02 5.16 -5.04	73.86 5.09 0.00	57.62 3.62 0.00	51.71 3.15 0.00	46.18 2.53 0.00
EAST___DELAWARE_HYD 23607	49.18 2.12 0.00	46.54 2.05 0.00	44.69 1.80 0.00	44.53 1.75 0.00	46.47 1.61 0.00	50.53 1.99 0.00	73.07 3.41 0.00	113.68 6.23 0.00	67.49 3.39 0.00	42.31 2.09 0.85	37.93 1.61 1.04	37.86 1.54 0.29	35.86 1.39 0.23	33.57 1.19 0.62	29.57 1.08 0.67	32.34 1.14 0.57	35.96 1.50 1.25	42.89 2.15 2.33	61.69 3.45 1.24	71.30 4.20 1.71	73.24 4.47 0.00	57.13 3.13 0.00	51.22 2.67 0.00	45.78 2.14 0.00
EIGHT_POINT___WT_PWR 323820	45.79 -1.27 0.00	43.03 -1.47 0.00	41.94 -0.94 0.00	42.05 -0.73 0.00	45.03 0.18 0.00	48.15 -0.39 0.00	67.98 -1.67 0.00	160.07 -2.36 -54.98	61.91 -2.18 0.00	39.43 -2.26 -0.63	34.58 -1.83 0.95	34.59 -1.76 0.27	32.86 -1.63 0.21	30.92 -1.52 0.57	27.03 -1.52 0.61	29.73 -1.68 0.35	32.72 -2.21 0.77	39.04 -2.63 1.39	55.32 -3.39 0.78	64.09 -3.65 1.07	71.30 -3.02 -5.55	58.53 -3.19 -7.72	45.96 -2.57 0.01	42.08 -1.57 0.00
ELBRIDGE_115KV_TB2 80188	47.02 -0.05 0.00	44.32 -0.18 0.00	42.76 -0.13 0.00	42.65 -0.13 0.00	44.90 0.04 0.00	48.40 -0.15 0.00	69.52 -0.14 0.00	107.45 0.00 0.00	63.84 -0.26 0.00	40.70 -0.37 0.00	37.06 -0.30 0.00	36.29 -0.33 0.00	34.38 -0.31 0.00	32.71 -0.30 0.00	28.90 -0.26 0.00	31.51 -0.25 0.00	35.38 -0.32 0.00	42.72 -0.34 0.00	59.18 -0.30 0.00	68.53 -0.28 0.00	68.64 -0.14 0.00	53.73 -0.27 0.00	48.26 -0.29 0.00	43.47 -0.17 0.00
ELEC_TRO_TEK 24086	49.75 2.68 0.00	46.90 2.40 0.00	44.86 1.97 0.00	44.74 1.97 0.00	46.56 1.70 0.00	50.97 2.43 0.00	72.72 3.06 0.00	112.61 5.16 0.00	66.66 2.56 0.00	48.21 3.29 -3.86	45.09 2.99 -4.74	40.92 2.97 -1.34	38.58 2.84 -1.05	38.55 2.71 -2.84	34.62 2.39 -3.07	35.99 2.54 -1.69	43.70 2.89 -5.10	54.59 3.53 -7.99	67.95 4.82 -3.65	79.43 5.57 -5.05	74.43 5.64 -0.02	58.68 4.00 -0.69	57.04 3.54 -4.94	55.47 3.01 -8.81
ELLENBURG_WT_PWR 323604	47.02 -0.05 0.00	44.59 0.09 0.00	42.93 0.04 0.00	42.90 0.13 0.00	45.12 0.27 0.00	48.88 0.34 0.00	70.01 0.35 0.00	107.45 0.00 0.00	64.09 0.00 0.00	41.07 0.00 0.00	37.43 0.07 0.00	36.58 -0.04 0.00	34.62 -0.07 0.00	32.90 -0.10 0.00	29.02 -0.15 0.00	31.41 -0.35 0.00	35.28 -0.43 0.00	42.29 -0.77 0.00	57.70 -1.78 0.00	66.61 -2.20 0.00	66.44 -2.34 0.00	52.60 -1.40 0.00	47.24 -1.31 0.00	42.69 -0.96 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	44.05 -3.01 0.00	41.03 -3.47 0.00	40.01 -2.87 0.00	39.91 -2.87 0.00	42.79 -2.06 0.00	44.27 -4.27 0.00	62.62 -7.04 0.00	84.22 -10.42 12.80	58.00 -6.09 0.00	35.91 -4.72 0.43	33.29 -4.07 0.00	32.73 -3.88 0.00	31.22 -3.47 0.00	29.74 -3.27 0.00	26.31 -2.86 0.00	28.78 -2.99 0.00	31.74 -3.96 0.00	37.88 -5.17 0.01	52.66 -6.78 0.04	60.92 -7.84 0.04	59.94 -7.50 1.34	45.84 -6.32 1.84	42.83 -5.68 0.04	39.59 -4.06 0.00
EMPIRE_CC_1 323656	47.11 0.05 0.00	44.72 0.22 0.00	43.27 0.39 0.00	43.08 0.30 0.00	44.76 -0.09 0.00	48.44 -0.10 0.00	69.73 0.07 0.00	107.24 -0.21 0.00	64.41 0.32 0.00	42.79 0.49 -1.23	39.24 0.37 -1.51	37.37 0.33 -0.42	35.44 0.42 -0.33	34.37 0.46 -0.90	30.61 0.47 -0.98	32.90 0.60 -0.53	37.59 0.71 -1.17	46.11 0.86 -2.19	61.65 1.01 -1.16	71.51 1.10 -1.61	69.74 0.96 0.00	54.97 0.97 0.00	49.57 1.02 0.00	44.26 0.61 0.00
EMPIRE_CC_2 323658	47.11 0.05 0.00	44.72 0.22 0.00	43.27 0.39 0.00	43.08 0.30 0.00	44.76 -0.09 0.00	48.44 -0.10 0.00	69.73 0.07 0.00	107.24 -0.21 0.00	64.41 0.32 0.00	42.79 0.49 -1.23	39.24 0.37 -1.51	37.37 0.33 -0.42	35.44 0.42 -0.33	34.37 0.46 -0.90	30.61 0.47 -0.98	32.90 0.60 -0.53	37.59 0.71 -1.17	46.11 0.86 -2.19	61.65 1.01 -1.16	71.51 1.10 -1.61	69.74 0.96 0.00	54.97 0.97 0.00	49.57 1.02 0.00	44.26 0.61 0.00
ENORWICH_115KV_TB1 80156	49.98 2.92 0.00	47.08 2.58 0.00	45.37 2.49 0.00	45.51 2.74 0.00	47.90 3.05 0.00	51.89 3.35 0.00	75.37 5.71 0.00	116.48 9.03 0.00	68.45 4.36 0.00	41.39 1.77 1.44	36.80 1.27 1.83	37.16 1.06 0.51	35.27 0.97 0.40	32.67 0.76 1.09	28.51 0.52 1.18	31.67 0.64 0.73	35.24 1.14 1.60	42.06 1.98 2.99	61.52 3.63 1.59	71.50 4.89 2.20	73.73 4.95 0.00	57.19 3.19 0.00	51.37 2.82 0.00	46.31 2.66 0.00
ERIE_ST__34_KV_TB1-2 80199	44.38 -2.68 0.00	41.34 -3.16 0.00	40.36 -2.53 0.00	40.25 -2.52 0.00	43.15 -1.70 0.00	44.56 -3.98 0.00	63.25 -6.41 0.00	85.56 -9.89 12.00	58.32 -5.77 0.00	36.02 -4.64 0.40	33.36 -4.00 0.00	32.77 -3.84 0.00	31.29 -3.40 0.00	29.77 -3.23 0.00	26.36 -2.80 0.00	28.97 -2.80 0.00	31.95 -3.75 0.00	38.19 -4.87 0.01	53.19 -6.25 0.04	61.54 -7.23 0.04	60.64 -6.88 1.26	46.33 -5.94 1.73	43.17 -5.34 0.04	39.89 -3.75 0.00
ERIE_WT_PWR 323693	44.29 -2.78 0.00	41.25 -3.25 0.00	40.27 -2.62 0.00	40.16 -2.61 0.00	43.19 -1.66 0.00	45.48 -3.06 0.00	63.11 -6.55 0.00	85.43 -9.67 12.35	58.39 -5.70 0.00	36.08 -4.56 0.42	33.55 -3.81 0.00	33.10 -3.52 0.00	31.47 -3.23 0.00	30.03 -2.97 0.00	26.42 -2.74 0.00	28.94 -2.83 0.00	31.88 -3.82 0.00	38.06 -4.99 0.01	53.01 -6.42 0.04	61.54 -7.22 0.04	60.40 -7.08 1.29	46.17 -6.05 1.78	42.97 -5.54 0.04	39.80 -3.84 0.00
ESPRGFLD_115KV_TB1 80157	49.98 2.92 0.00	47.17 2.67 0.00	45.37 2.49 0.00	45.30 2.52 0.00	47.63 2.78 0.00	51.70 3.16 0.00	74.60 4.95 0.00	114.86 7.41 0.00	67.30 3.20 0.00	42.17 1.11 0.00	37.85 0.49 0.00	37.13 0.51 0.00	35.21 0.52 0.00	33.47 0.46 0.00	29.60 0.44 0.00	32.37 0.60 0.00	36.70 1.00 0.00	44.83 1.77 0.00	62.99 3.51 0.00	73.49 4.68 0.00	45.4 3.19 0.00	57.19 3.16 0.00	51.71 3.16 0.00	46.26 2.62 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	48.19 1.13 0.00	45.39 0.89 0.00	43.74 0.86 0.00	43.67 0.90 0.00	46.02 1.17 0.00	49.61 1.07 0.00	71.40 1.74 0.00	111.83 2.90 -1.48	65.31 1.22 0.00	40.63 0.33 0.77	36.52 0.22 1.07	36.46 0.15 0.30	34.63 0.17 0.23	32.46 0.10 0.64	28.53 0.06 0.69	31.43 0.06 0.40	34.98 0.14 0.87	41.83 0.39 1.62	59.45 0.83 0.86	68.93 1.31 1.19	70.51 1.58 -0.15	55.02 0.81 -0.21	49.23 0.68 0.00	44.43 0.79 0.00
ETNA____115KV_TB2 80207	48.19 1.13 0.00	45.39 0.89 0.00	43.74 0.86 0.00	43.67 0.90 0.00	46.02 1.17 0.00	49.61 1.07 0.00	71.40 1.74 0.00	111.83 2.90 -1.48	65.31 1.22 0.00	40.63 0.33 0.77	36.52 0.22 1.07	36.46 0.15 0.30	34.63 0.17 0.23	32.46 0.10 0.64	28.53 0.06 0.69	31.43 0.06 0.40	34.98 0.14 0.87	41.83 0.39 1.62	59.45 0.83 0.86	68.93 1.31 1.19	70.51 1.58 -0.15	55.02 0.81 -0.21	49.23 0.68 0.00	44.43 0.79 0.00
EUCLID__115KV_TB2 356179	46.64 -0.42 0.00	44.01 -0.49 0.00	42.42 -0.47 0.00	42.30 -0.47 0.00	44.49 -0.36 0.00	48.01 -0.53 0.00	68.96 -0.70 0.00	106.59 -0.86 0.00	63.45 -0.64 0.00	40.45 -0.62 0.00	36.87 -0.49 0.00	36.14 -0.48 0.00	34.24 -0.45 0.00	32.57 -0.43 0.00	28.78 -0.38 0.00	31.38 -0.38 0.00	35.20 -0.50 0.00	42.46 -0.60 0.00	58.82 -0.65 0.00	68.12 -0.69 0.00	68.16 -0.62 0.00	53.41 -0.59 0.00	47.92 -0.63 0.00	43.17 -0.48 0.00
E_CANADA_CAP_HY 24051	50.64 3.58 0.00	47.84 3.34 0.00	45.98 3.09 0.00	45.89 3.12 0.00	48.31 3.45 0.00	52.47 3.93 0.00	75.57 5.92 0.00	116.05 8.60 0.00	67.29 3.20 0.00	41.72 0.66 0.00	37.06 -0.30 0.00	36.43 -0.18 0.00	34.52 -0.17 0.00	32.94 -0.07 0.00	29.22 0.06 0.00	32.08 0.32 0.00	36.49 0.78 0.00	44.87 1.81 0.00	63.76 4.28 0.00	74.45 5.64 0.00	74.28 5.50 0.00	58.00 4.00 0.00	52.68 4.12 0.00	46.92 3.28 0.00
E_CANADA_MHWK_HY 24050	46.55 -0.52 0.00	44.01 -0.49 0.00	42.46 -0.43 0.00	42.39 -0.39 0.00	44.45 -0.40 0.00	48.25 -0.29 0.00	69.38 -0.28 0.00	107.13 -0.32 0.00	63.84 -0.26 0.00	40.86 -0.20 0.00	37.14 -0.22 0.00	36.36 -0.25 0.00	34.45 -0.24 0.00	32.71 -0.30 0.00	28.87 -0.29 0.00	31.41 -0.35 0.00	35.35 -0.36 0.00	42.68 -0.39 0.00	59.12 -0.35 0.00	68.54 -0.27 0.00	68.37 -0.41 0.00	53.57 -0.43 0.00	48.26 -0.29 0.00	43.34 -0.30 0.00
E_FISHKILL__LBMP 23776	48.76 1.69 0.00	46.19 1.69 0.00	44.30 1.42 0.00	44.14 1.37 0.00	46.02 1.17 0.00	50.14 1.60 0.00	72.09 2.44 0.00	111.75 4.30 0.00	66.72 2.63 0.00	45.73 2.22 -2.45	42.26 1.91 -3.00	39.40 1.94 -0.84	37.19 1.84 -0.65	36.51 1.72 -1.79	32.62 1.52 -1.94	34.47 1.65 -1.06	39.95 1.93 -2.32	49.85 2.45 -4.33	65.11 3.33 -2.30	75.85 3.85 -3.18	72.70 3.92 0.00	56.81 2.81 0.00	51.08 2.52 0.00	45.61 1.96 0.00
FALCON__SEABRD_CC1 323796	47.63 0.57 0.00	45.12 0.62 0.00	43.44 0.56 0.00	43.42 0.64 0.00	45.75 0.90 0.00	49.51 0.97 0.00	70.91 1.26 0.00	108.84 1.39 0.00	64.92 0.83 0.00	41.56 0.49 0.00	37.84 0.48 0.00	36.98 0.37 0.00	35.04 0.35 0.00	33.30 0.30 0.00	29.34 0.18 0.00	31.79 0.03 -0.04	35.67 -0.04 0.00	42.81 -0.26 0.00	58.35 -1.13 0.00	67.36 -1.45 0.00	67.20 -1.58 0.00	53.24 -0.76 0.00	47.77 -0.78 0.00	43.21 -0.44 0.00
FALCON__SEABRD_CC2 323797	47.63 0.57 0.00	45.12 0.62 0.00	43.44 0.56 0.00	43.42 0.64 0.00	45.75 0.90 0.00	49.51 0.97 0.00	70.91 1.26 0.00	108.84 1.39 0.00	64.92 0.83 0.00	41.56 0.49 0.00	37.84 0.48 0.00	36.98 0.37 0.00	35.04 0.35 0.00	33.30 0.30 0.00	29.34 0.18 0.00	31.79 0.03 -0.04	35.67 -0.04 0.00	42.81 -0.26 0.00	58.35 -1.13 0.00	67.36 -1.45 0.00	67.20 -1.58 0.00	53.24 -0.76 0.00	47.77 -0.78 0.00	43.21 -0.44 0.00

FAR ROCKAWAY___4 23548	50.31 3.25 0.00	47.39 2.89 0.00	45.33 2.44 0.00	45.21 2.44 0.00	47.05 2.20 0.00	51.50 2.96 0.00	73.56 3.90 0.00	113.90 6.45 0.00	67.36 3.27 0.00	48.62 3.70 -3.86	45.46 3.36 -4.74	41.32 3.37 -1.34	38.93 3.19 -1.05	38.88 3.04 -2.84	34.92 2.68 -3.07	36.31 2.86 -1.69	44.06 3.25 -5.11	55.09 4.00 -8.02	68.72 5.59 -3.65	80.40 6.54 -5.05	75.39 6.60 -0.02	59.35 4.64 -0.70	57.69 4.08 -5.06	56.16 3.49 -9.02
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	49.42 2.35 0.00	46.81 2.31 0.00	44.82 1.93 0.00	44.61 1.84 0.00	46.51 1.66 0.00	50.73 2.18 0.00	73.14 3.48 0.00	113.68 6.23 0.00	67.81 3.72 0.00	48.09 3.16 -3.86	44.79 2.69 -4.74	40.69 2.75 -1.33	38.33 2.60 -1.03	38.28 2.44 -2.83	34.35 2.13 -3.06	35.73 2.29 -1.68	42.05 2.68 -3.67	53.33 3.40 -6.86	67.64 4.52 -3.65	79.08 5.23 -5.04	74.00 5.23 0.00	57.67 3.67 0.00	51.81 3.25 0.00	46.31 2.66 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	49.42 2.35 0.00	46.81 2.31 0.00	44.82 1.93 0.00	44.61 1.84 0.00	46.51 1.66 0.00	50.73 2.18 0.00	73.21 3.55 0.00	113.68 6.23 0.00	67.81 3.72 0.00	48.09 3.16 -3.86	44.79 2.69 -4.74	40.69 2.75 -1.33	38.33 2.60 -1.03	38.28 2.44 -2.83	34.35 2.13 -3.06	35.73 2.29 -1.68	42.05 2.68 -3.67	53.33 3.40 -6.86	67.64 4.52 -3.65	79.15 5.30 -5.04	74.00 5.23 0.00	57.67 3.67 0.00	51.85 3.30 0.00	46.31 2.66 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	49.37 2.31 0.00	46.77 2.27 0.00	44.82 1.93 0.00	44.61 1.84 0.00	46.51 1.66 0.00	50.68 2.14 0.00	73.14 3.48 0.00	113.57 6.12 0.00	67.81 3.72 0.00	48.05 3.12 -3.86	44.79 2.69 -4.74	40.69 2.75 -1.33	38.33 2.60 -1.03	38.24 2.41 -2.83	34.35 2.13 -3.06	35.73 2.29 -1.68	42.05 2.68 -3.67	53.33 3.40 -6.86	67.59 4.46 -3.65	79.08 5.23 -5.04	73.93 5.16 0.00	57.62 3.62 0.00	51.81 3.25 0.00	46.26 2.62 0.00
FARRAGUT___LBMP 323566	49.37 2.31 0.00	46.77 2.27 0.00	44.77 1.89 0.00	44.57 1.80 0.00	46.47 1.61 0.00	50.68 2.14 0.00	73.07 3.41 0.00	113.47 6.02 0.00	67.74 3.65 0.00	48.05 3.12 -3.86	44.75 2.65 -4.74	40.65 2.71 -1.33	38.29 2.57 -1.03	38.24 2.41 -2.83	34.32 2.10 -3.06	35.70 2.26 -1.68	42.02 2.64 -3.67	53.29 3.36 -6.86	67.59 4.46 -3.65	79.01 5.16 -5.04	73.93 5.16 0.00	57.62 3.62 0.00	51.76 3.20 0.00	46.26 2.62 0.00
FENNER___WINDPWR 24204	48.00 0.94 0.00	45.30 0.80 0.00	43.66 0.77 0.00	43.63 0.86 0.00	45.89 1.03 0.00	49.70 1.16 0.00	71.54 1.88 0.00	110.35 2.90 0.00	65.44 1.35 0.00	41.56 0.49 0.00	37.81 0.45 0.00	36.98 0.37 0.00	35.01 0.31 0.00	33.27 0.26 0.00	29.34 0.18 0.00	31.95 0.19 0.00	36.02 0.32 0.00	43.58 0.52 0.00	60.55 1.07 0.00	70.19 1.38 0.00	70.22 1.45 0.00	54.92 0.92 0.00	49.38 0.82 0.00	44.43 0.79 0.00
FIBERTEK___ENERGY 23856	47.30 0.24 0.00	44.59 0.09 0.00	43.02 0.13 0.00	42.90 0.13 0.00	45.12 0.27 0.00	48.69 0.15 0.00	69.94 0.28 0.00	108.31 0.86 0.00	64.35 0.26 0.00	40.98 -0.08 0.00	37.36 0.00 0.00	36.58 -0.04 0.00	34.66 -0.03 0.00	32.94 -0.07 0.00	29.11 -0.06 0.00	31.73 -0.03 0.00	35.60 -0.11 0.00	42.98 -0.09 0.00	59.54 0.06 0.00	69.02 0.21 0.00	69.12 0.34 0.00	54.11 0.11 0.00	48.55 0.00 0.00	43.69 0.04 0.00
FITZPATRICK___ 23598	46.03 -1.04 0.00	43.43 -1.07 0.00	41.90 -0.98 0.00	41.79 -0.98 0.00	43.91 -0.94 0.00	47.47 -1.07 0.00	68.06 -1.60 0.00	105.09 -2.36 0.00	62.55 -1.54 0.00	39.96 -1.11 0.00	36.43 -0.93 0.00	35.70 -0.91 0.00	33.83 -0.87 0.00	32.18 -0.82 0.00	28.46 -0.70 0.00	31.03 -0.73 0.00	34.77 -0.93 0.00	41.94 -1.12 0.00	58.05 -1.43 0.00	67.23 -1.58 0.00	67.20 -1.58 0.00	52.70 -1.30 0.00	47.34 -1.21 0.00	42.60 -1.05 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	49.65 2.59 0.00	46.99 2.49 0.00	45.12 2.23 0.00	44.91 2.14 0.00	46.87 2.02 0.00	51.07 2.52 0.00	73.63 3.97 0.00	113.90 6.45 0.00	67.81 3.72 0.00	45.73 2.55 -2.12	41.90 1.94 -2.60	39.21 1.87 -0.73	36.89 1.63 -0.57	35.94 1.39 -1.55	32.10 1.25 -1.68	34.03 1.37 -0.90	39.43 1.75 -1.98	49.13 2.37 -3.70	65.01 3.57 -1.96	75.79 4.27 -2.72	73.93 5.16 0.00	57.67 3.67 0.00	51.76 3.20 0.00	46.26 2.62 0.00
FORT ORANGE___ 23900	47.67 0.61 0.00	45.25 0.76 0.00	43.62 0.73 0.00	43.46 0.68 0.00	45.30 0.45 0.00	49.08 0.53 0.00	70.70 1.05 0.00	108.84 1.39 0.00	64.99 0.90 0.00	42.72 0.70 -0.96	39.09 0.56 -1.17	37.46 0.51 -0.33	35.47 0.52 -0.26	34.23 0.53 -0.70	30.42 0.50 -0.76	32.78 0.60 -0.41	37.43 0.82 -0.90	45.83 1.08 -1.69	61.98 1.61 -0.90	71.91 1.86 -1.24	70.56 1.79 0.00	55.46 1.46 0.00	50.01 1.46 0.00	44.65 1.00 0.00
FORT_DRUM_COGEN 23780	47.58 0.52 0.00	44.90 0.40 0.00	43.40 0.51 0.00	43.63 0.86 0.00	45.84 0.99 0.00	49.90 1.36 0.00	72.65 3.00 0.00	111.43 3.98 0.00	65.37 1.28 0.00	40.65 -0.41 0.00	36.87 -0.49 0.00	35.77 -0.84 0.00	33.79 -0.90 0.00	32.01 -0.99 0.00	28.14 -1.02 0.00	30.65 -1.11 0.00	34.88 -0.82 0.00	42.42 -0.65 0.00	59.54 0.06 0.00	69.70 0.89 0.00	69.46 0.69 0.00	54.43 0.43 0.00	48.84 0.29 0.00	43.99 0.35 0.00
FOX_HILLS___ESR 323835	49.60 2.54 0.00	47.03 2.54 0.00	44.99 2.10 0.00	44.74 1.97 0.00	46.56 1.70 0.00	50.43 1.89 0.00	73.00 3.34 0.00	113.68 6.23 0.00	67.61 3.52 0.00	48.09 3.16 -3.86	44.82 2.73 -4.73	40.76 2.82 -1.33	38.40 2.67 -1.03	38.28 2.44 -2.83	34.41 2.19 -3.06	35.76 2.32 -1.68	42.12 2.75 -3.67	53.46 3.53 -6.86	68.06 4.93 -3.64	79.63 5.78 -5.04	74.48 5.71 0.00	58.00 4.00 0.00	51.95 3.40 0.00	46.61 2.97 0.00
FPL_FAR_ROCK_GT1 24212	50.31 3.24 0.00	47.39 2.89 0.00	45.33 2.44 0.00	45.21 2.44 0.00	47.01 2.15 0.00	51.16 2.62 0.00	73.49 3.83 0.00	113.90 6.45 0.00	67.36 3.27 0.00	48.58 3.65 -3.86	45.47 3.36 -4.74	41.36 3.41 -1.34	38.97 3.23 -1.05	38.88 3.03 -2.84	34.95 2.71 -3.07	36.31 2.86 -1.69	44.06 3.25 -5.11	55.09 4.01 -8.02	68.79 5.65 -3.65	80.47 6.61 -5.05	75.39 6.60 -0.02	59.46 4.75 -0.70	57.69 4.08 -5.06	56.16 3.49 -9.02
FPL_FAR_ROCK_GT2 23815	50.31 3.24 0.00	47.39 2.89 0.00	45.33 2.44 0.00	45.21 2.44 0.00	47.01 2.15 0.00	51.16 2.62 0.00	73.49 3.83 0.00	113.90 6.45 0.00	67.36 3.27 0.00	48.58 3.65 -3.86	45.47 3.36 -4.74	41.36 3.41 -1.34	38.97 3.23 -1.05	38.88 3.03 -2.84	34.95 2.71 -3.07	36.31 2.86 -1.69	44.06 3.25 -5.11	55.09 4.01 -8.02	68.79 5.65 -3.65	80.47 6.61 -5.05	75.39 6.60 -0.02	59.46 4.75 -0.70	57.69 4.08 -5.06	56.16 3.49 -9.02
FRANKLIN_FALL_HYD 24054	47.30 0.24 0.00	44.81 0.31 0.00	43.14 0.26 0.00	43.20 0.43 0.00	45.53 0.67 0.00	49.32 0.78 0.00	70.70 1.04 0.00	108.52 1.07 0.00	64.60 0.51 0.00	41.19 0.12 0.00	37.47 0.11 0.00	36.58 -0.04 0.00	34.66 -0.03 0.00	32.97 -0.03 0.00	29.05 -0.12 0.00	31.48 -0.29 0.00	35.38 -0.32 0.00	42.46 -0.60 0.00	58.05 -1.43 0.00	67.23 -1.58 0.00	66.92 -1.86 0.00	53.41 -0.59 0.00	47.63 -0.92 0.00	43.08 -0.57 0.00

FREEPORT_EQUS_GT1 23764	50.17 3.11 0.00	47.26 2.76 0.00	45.16 2.27 0.00	45.04 2.27 0.00	46.82 1.97 0.00	51.02 2.47 0.00	73.14 3.48 0.00	113.36 5.91 0.00	66.98 2.89 0.00	48.45 3.53 -3.86	45.39 3.29 -4.74	41.25 3.30 -1.34	38.86 3.12 -1.04	38.81 2.97 -2.84	34.88 2.65 -3.07	36.27 2.83 -1.69	43.99 3.21 -5.08	54.64 3.83 -7.74	68.48 5.36 -3.65	79.98 6.12 -5.05	74.91 6.12 -0.01	59.23 4.64 -0.58	56.45 4.03 -3.87	53.99 3.45 -6.90
FREEPORT___CT2 23818	50.17 3.11 0.00	47.26 2.76 0.00	45.16 2.27 0.00	45.04 2.27 0.00	46.82 1.97 0.00	51.02 2.47 0.00	73.14 3.48 0.00	113.36 5.91 0.00	66.98 2.89 0.00	48.45 3.53 -3.86	45.39 3.29 -4.74	41.25 3.30 -1.34	38.86 3.12 -1.04	38.81 2.97 -2.84	34.88 2.65 -3.07	36.27 2.83 -1.69	43.99 3.21 -5.08	54.64 3.83 -7.74	68.48 5.36 -3.65	79.98 6.12 -5.05	74.91 6.12 -0.01	59.23 4.64 -0.58	56.45 4.03 -3.87	53.99 3.45 -6.90
FRESHKLS_33_KV_LOAD 356253	49.69 2.64 0.01	47.11 2.63 0.01	45.02 2.14 0.01	44.82 2.05 0.01	46.64 1.79 0.01	50.81 2.28 0.01	73.27 3.62 0.01	113.67 6.23 0.01	67.67 3.59 0.01	48.08 3.16 -3.85	44.73 2.65 -4.72	40.68 2.75 -1.32	38.32 2.60 -1.02	38.20 2.38 -2.82	34.31 2.10 -3.05	35.68 2.26 -1.67	42.11 2.75 -3.66	53.49 3.57 -6.85	68.11 5.00 -3.63	79.84 5.99 -5.04	74.68 5.91 0.01	57.99 4.00 0.01	52.09 3.54 0.01	46.65 3.01 0.01
FULTON COGEN____ 23766	46.50 -0.56 0.00	43.83 -0.67 0.00	42.29 -0.60 0.00	42.17 -0.60 0.00	44.27 -0.58 0.00	47.81 -0.73 0.00	68.68 -0.98 0.00	106.27 -1.18 0.00	63.13 -0.96 0.00	40.20 -0.86 0.00	36.69 -0.67 0.00	35.92 -0.70 0.00	34.03 -0.66 0.00	32.38 -0.63 0.00	28.61 -0.55 0.00	31.19 -0.57 0.00	35.02 -0.68 0.00	42.29 -0.78 0.00	58.65 -0.83 0.00	67.92 -0.89 0.00	68.02 -0.76 0.00	53.24 -0.76 0.00	47.78 -0.78 0.00	42.99 -0.65 0.00
FULTON___LFGE 323630	50.36 3.29 0.00	47.61 3.11 0.00	45.76 2.87 0.00	45.64 2.87 0.00	47.99 3.14 0.00	52.18 3.64 0.00	75.23 5.57 0.00	115.51 8.06 0.00	66.91 2.82 0.00	41.48 0.41 0.00	36.80 -0.56 0.00	36.14 -0.48 0.00	34.21 -0.49 0.00	32.64 -0.36 0.00	28.96 -0.20 0.00	31.79 0.03 0.00	36.27 0.57 0.00	44.74 1.68 0.00	63.70 4.22 0.00	74.38 5.57 0.00	74.21 5.43 0.00	58.05 4.05 0.00	52.48 3.93 0.00	46.65 3.01 0.00
G.F.CEMENT___DRP 24184	47.96 0.89 0.00	45.39 0.89 0.00	43.66 0.77 0.00	43.46 0.68 0.00	45.57 0.72 0.00	49.56 1.02 0.00	71.54 1.88 0.00	110.35 2.90 0.00	65.50 1.41 0.00	42.47 0.57 -0.83	39.09 0.71 -1.02	37.52 0.62 -0.29	35.44 0.52 -0.22	34.21 0.59 -0.61	30.23 0.41 -0.66	32.79 0.67 -0.36	37.60 1.11 -0.79	45.44 0.90 -1.48	62.29 2.02 -0.78	72.58 2.68 -1.08	71.25 2.48 0.00	55.84 1.84 0.00	50.25 1.70 0.00	44.61 0.96 0.00
GARDENVILLE___LBMP 24039	44.19 -2.87 0.00	41.16 -3.34 0.00	40.19 -2.70 0.00	40.08 -2.69 0.00	42.97 -1.88 0.00	44.46 -4.08 0.00	62.97 -6.69 0.00	84.16 -9.89 13.41	58.26 -5.83 0.00	35.99 -4.60 0.47	33.40 -3.96 0.00	32.81 -3.81 0.00	31.33 -3.37 0.00	29.83 -3.17 0.00	26.39 -2.77 0.00	28.84 -2.92 0.00	31.85 -3.86 0.00	38.01 -5.04 0.01	52.83 -6.60 0.04	61.13 -7.64 0.04	60.09 -7.29 1.40	45.86 -6.21 1.93	42.98 -5.54 0.04	39.76 -3.88 0.00
GARDNVLA_35_KV_LD 355827	44.38 -2.68 0.00	41.29 -3.20 0.00	40.31 -2.57 0.00	40.21 -2.57 0.00	43.15 -1.70 0.00	44.56 -3.98 0.00	63.18 -6.48 0.00	85.83 -9.46 12.16	58.58 -5.51 0.00	36.17 -4.48 0.42	33.51 -3.85 0.00	32.92 -3.70 0.00	31.43 -3.26 0.00	29.93 -3.07 0.00	26.48 -2.68 0.00	28.97 -2.80 0.00	31.95 -3.75 0.00	38.19 -4.87 0.01	53.19 -6.25 0.04	61.47 -7.29 0.04	60.55 -6.95 1.27	46.36 -5.89 1.75	43.17 -5.34 0.04	39.89 -3.75 0.00
GELCKHM___115KV_LOAD 80723	46.87 -0.19 0.00	44.23 -0.27 0.00	42.63 -0.26 0.00	42.52 -0.26 0.00	44.72 -0.13 0.00	48.25 -0.29 0.00	69.31 -0.35 0.00	107.24 -0.21 0.00	63.77 -0.32 0.00	40.65 -0.41 0.00	37.02 -0.34 0.00	36.29 -0.33 0.00	34.38 -0.31 0.00	32.71 -0.30 0.00	28.90 -0.26 0.00	31.51 -0.25 0.00	35.35 -0.36 0.00	42.68 -0.39 0.00	59.12 -0.36 0.00	68.47 -0.34 0.00	68.50 -0.28 0.00	53.62 -0.38 0.00	48.16 -0.39 0.00	43.34 -0.31 0.00
GENERAL___MILLS 23808	44.24 -2.82 0.00	41.20 -3.29 0.00	40.23 -2.66 0.00	40.12 -2.65 0.00	43.01 -1.84 0.00	44.46 -4.08 0.00	62.97 -6.69 0.00	85.32 -9.78 12.35	58.32 -5.77 0.00	36.04 -4.60 0.42	33.44 -3.92 0.00	32.84 -3.77 0.00	31.36 -3.33 0.00	29.83 -3.17 0.00	26.39 -2.77 0.00	28.87 -2.89 0.00	31.85 -3.86 0.00	38.06 -5.00 0.01	52.95 -6.48 0.04	61.27 -7.50 0.04	60.33 -7.15 1.29	46.17 -6.05 1.78	43.02 -5.49 0.04	39.80 -3.84 0.00
GE_PLASTICS___DRP 24183	47.53 0.47 0.00	45.08 0.58 0.00	43.49 0.60 0.00	43.29 0.51 0.00	45.21 0.36 0.00	49.03 0.49 0.00	70.42 0.77 0.00	108.42 0.97 0.00	64.80 0.71 0.00	42.70 0.70 -0.94	39.11 0.60 -1.15	37.52 0.59 -0.32	35.50 0.56 -0.25	34.29 0.59 -0.69	30.43 0.52 -0.75	32.77 0.60 -0.41	37.34 0.75 -0.89	45.67 0.95 -1.66	61.67 1.31 -0.88	71.40 1.38 -1.22	70.15 1.38 0.00	55.03 1.03 0.00	49.67 1.12 0.00	44.43 0.79 0.00
GILBOA___1 23756	47.91 0.85 0.00	45.34 0.84 0.00	43.66 0.77 0.00	43.50 0.73 0.00	45.43 0.58 0.00	49.22 0.68 0.00	70.77 1.11 0.00	108.95 1.50 0.00	65.18 1.09 0.00	42.09 1.03 0.00	38.22 0.86 0.00	37.60 0.99 0.00	35.63 0.94 0.00	33.89 0.89 0.00	29.98 0.82 0.00	32.56 0.79 0.00	36.63 0.93 0.00	44.23 1.16 0.00	61.02 1.54 0.00	70.39 1.58 0.00	70.42 1.65 0.00	55.29 1.29 0.00	49.81 1.26 0.00	44.60 0.96 0.00
GILBOA___2 23757	47.91 0.85 0.00	45.34 0.84 0.00	43.66 0.77 0.00	43.50 0.73 0.00	45.43 0.58 0.00	49.22 0.68 0.00	70.77 1.11 0.00	108.95 1.50 0.00	65.18 1.09 0.00	42.09 1.03 0.00	38.22 0.86 0.00	37.60 0.99 0.00	35.63 0.94 0.00	33.89 0.89 0.00	29.98 0.82 0.00	32.56 0.79 0.00	36.63 0.93 0.00	44.23 1.16 0.00	61.02 1.54 0.00	70.39 1.58 0.00	70.42 1.65 0.00	55.29 1.29 0.00	49.81 1.26 0.00	44.60 0.96 0.00
GILBOA___3 23758	47.91 0.85 0.00	45.34 0.84 0.00	43.66 0.77 0.00	43.50 0.73 0.00	45.43 0.58 0.00	49.22 0.68 0.00	70.77 1.11 0.00	108.95 1.50 0.00	65.18 1.09 0.00	42.09 1.03 0.00	38.22 0.86 0.00	37.60 0.99 0.00	35.63 0.94 0.00	33.89 0.89 0.00	29.98 0.82 0.00	32.56 0.79 0.00	36.63 0.93 0.00	44.23 1.16 0.00	61.02 1.54 0.00	70.39 1.58 0.00	70.42 1.65 0.00	55.29 1.29 0.00	49.81 1.26 0.00	44.60 0.96 0.00
GILBOA___4 23759	47.91 0.85 0.00	45.34 0.84 0.00	43.66 0.77 0.00	43.50 0.73 0.00	45.43 0.58 0.00	49.22 0.68 0.00	70.77 1.11 0.00	108.95 1.50 0.00	65.18 1.09 0.00	42.09 1.03 0.00	38.22 0.86 0.00	37.60 0.99 0.00	35.63 0.94 0.00	33.89 0.89 0.00	29.98 0.82 0.00	32.56 0.79 0.00	36.63 0.93 0.00	44.23 1.16 0.00	61.02 1.54 0.00	70.39 1.58 0.00	70.42 1.65 0.00	55.29 1.29 0.00	49.81 1.26 0.00	44.60 0.96 0.00

GILBOA____ 23599	47.91 0.85 0.00	45.34 0.85 0.00	43.66 0.77 0.00	43.50 0.73 0.00	45.48 0.63 0.00	49.32 0.78 0.00	70.77 1.11 0.00	109.06 1.61 0.00	65.18 1.09 0.00	42.09 1.03 0.00	38.22 0.86 0.00	37.60 0.99 0.00	35.63 0.94 0.00	33.89 0.89 0.00	29.95 0.79 0.00	32.56 0.79 0.00	36.63 0.93 0.00	44.23 1.16 0.00	60.97 1.49 0.00	70.39 1.58 0.00	70.43 1.65 0.00	55.24 1.24 0.00	49.82 1.26 0.00	44.61 0.96 0.00
GINNA____ 23603	44.61 -2.45 0.00	41.83 -2.67 0.00	40.49 -2.40 0.00	40.42 -2.35 0.00	42.88 -1.97 0.00	46.12 -2.43 0.00	65.83 -3.83 0.00	104.80 -5.26 -2.62	60.50 -3.59 0.00	38.19 -2.88 0.00	34.82 -2.54 0.00	34.27 -2.34 0.00	32.44 -2.25 0.00	30.89 -2.11 0.00	27.18 -1.98 0.00	29.76 -2.00 0.00	33.20 -2.50 0.00	40.01 -3.06 0.00	55.92 -3.57 -0.01	64.83 -3.99 -0.01	65.13 -3.92 -0.27	51.14 -3.24 -0.38	45.26 -3.30 -0.01	41.03 -2.62 0.00
GLEN PARK____ 23778	47.72 0.66 0.00	45.03 0.54 0.00	43.49 0.60 0.00	43.71 0.94 0.00	45.97 1.12 0.00	50.05 1.51 0.00	72.86 3.21 0.00	111.75 4.30 0.00	65.50 1.41 0.00	40.57 -0.49 0.00	36.87 -0.49 0.00	35.70 -0.91 0.00	33.76 -0.94 0.00	31.95 -1.06 0.00	28.09 -1.08 0.00	30.62 -1.14 0.00	34.92 -0.79 0.00	42.50 -0.56 0.00	59.72 0.24 0.00	69.98 1.17 0.00	69.81 1.03 0.00	54.60 0.60 0.00	48.99 0.44 0.00	44.13 0.48 0.00
GLENDALE_27_KV_LOAD 356172	49.70 2.64 0.00	47.12 2.63 0.00	45.07 2.19 0.00	44.83 2.05 0.00	46.74 1.88 0.00	50.87 2.33 0.00	73.42 3.76 0.00	114.11 6.66 0.00	68.13 4.04 0.00	48.38 3.45 -3.86	45.01 2.91 -4.73	40.94 3.00 -1.33	38.57 2.84 -1.03	38.47 2.64 -2.83	34.53 2.30 -3.06	35.92 2.48 -1.68	42.27 2.89 -3.67	53.63 3.70 -6.86	68.00 4.88 -3.64	79.56 5.71 -5.04	74.48 5.71 0.00	57.94 3.94 0.00	52.10 3.54 0.00	46.61 2.97 0.00
GLENWOOD_IC_1_G5 23712	49.84 2.78 0.00	47.03 2.54 0.00	45.03 2.14 0.00	44.87 2.10 0.00	46.74 1.88 0.00	51.07 2.52 0.00	72.72 3.06 0.00	112.72 5.27 0.00	66.91 2.82 0.00	48.25 3.33 -3.86	45.09 2.99 -4.74	40.96 3.00 -1.34	38.58 2.84 -1.04	38.55 2.71 -2.84	34.62 2.39 -3.07	36.02 2.57 -1.69	43.72 2.93 -5.09	54.64 3.66 -7.91	67.71 4.58 -3.65	79.16 5.30 -5.05	74.15 5.36 -0.01	58.58 3.94 -0.64	56.84 3.69 -4.60	54.95 3.10 -8.20
GLENWOOD_IC_2_G1 23688	49.51 2.45 0.00	46.81 2.31 0.00	44.82 1.93 0.00	44.65 1.88 0.00	46.51 1.66 0.00	50.53 1.99 0.00	72.72 3.06 0.00	112.93 5.48 0.00	67.10 3.01 0.00	47.96 3.04 -3.86	44.81 2.73 -4.73	40.69 2.75 -1.33	38.33 2.60 -1.03	38.27 2.44 -2.83	34.41 2.19 -3.05	35.76 2.32 -1.68	43.37 2.68 -4.99	53.32 3.36 -6.90	67.64 4.52 -3.64	79.07 5.23 -5.03	74.00 5.22 0.00	57.81 3.78 -0.03	52.06 3.30 -0.21	46.77 2.75 -0.37
GLENWOOD_IC_3_G1 23689	49.51 2.45 0.00	46.81 2.31 0.00	44.82 1.93 0.00	44.65 1.88 0.00	46.51 1.66 0.00	50.53 1.99 0.00	72.72 3.06 0.00	112.93 5.48 0.00	67.10 3.01 0.00	47.96 3.04 -3.86	44.81 2.73 -4.73	40.69 2.75 -1.33	38.33 2.60 -1.03	38.27 2.44 -2.83	34.41 2.19 -3.05	35.76 2.32 -1.68	43.37 2.68 -4.99	53.32 3.36 -6.90	67.64 4.52 -3.64	79.07 5.23 -5.03	74.00 5.22 0.00	57.81 3.78 -0.03	52.06 3.30 -0.21	46.77 2.75 -0.37
GLENWOOD___4 23550	49.84 2.78 0.00	47.03 2.54 0.00	45.03 2.14 0.00	44.87 2.10 0.00	46.74 1.88 0.00	51.07 2.52 0.00	72.86 3.20 0.00	112.93 5.48 0.00	67.04 2.95 0.00	48.25 3.33 -3.86	45.09 2.99 -4.74	40.96 3.00 -1.34	38.58 2.84 -1.04	38.55 2.71 -2.84	34.62 2.39 -3.07	36.02 2.57 -1.69	43.72 2.93 -5.09	54.64 3.66 -7.91	67.83 4.70 -3.65	79.36 5.50 -5.05	74.29 5.50 -0.01	58.63 4.00 -0.64	56.84 3.69 -4.60	54.95 3.10 -8.20
GLENWOOD___5 23614	49.84 2.78 0.00	47.03 2.54 0.00	45.03 2.14 0.00	44.87 2.10 0.00	46.74 1.88 0.00	51.07 2.52 0.00	72.86 3.20 0.00	112.93 5.48 0.00	67.04 2.95 0.00	48.25 3.33 -3.86	45.09 2.99 -4.74	40.96 3.00 -1.34	38.58 2.84 -1.04	38.55 2.71 -2.84	34.62 2.39 -3.07	36.02 2.57 -1.69	43.72 2.93 -5.09	54.64 3.66 -7.91	67.83 4.70 -3.65	79.36 5.50 -5.05	74.29 5.50 -0.01	58.63 4.00 -0.64	56.84 3.69 -4.60	54.95 3.10 -8.20
GLOBAL GREEN_PORT_GT1 23814	50.59 3.53 0.00	47.56 3.07 0.00	45.42 2.53 0.00	45.51 2.74 0.00	47.05 2.20 0.00	51.31 2.77 0.00	77.17 4.11 -3.40	125.24 6.98 -10.81	68.92 2.75 -2.07	48.90 3.98 -3.86	46.54 4.44 -4.74	42.49 4.54 -1.33	40.21 4.48 -1.04	40.13 4.29 -2.84	36.05 3.82 -3.06	37.57 4.13 -1.68	45.47 4.71 -5.05	56.36 5.73 -7.57	74.87 7.43 -7.96	86.07 7.91 -9.36	80.55 8.25 -3.53	66.97 6.64 -6.33	57.68 6.02 -3.11	54.41 5.24 -5.53
GLOBE___DSASP 323697	43.49 -3.58 0.00	40.31 -4.18 0.00	39.41 -3.47 0.00	39.18 -3.59 0.00	42.21 -2.65 0.00	43.40 -5.15 0.00	61.30 -8.36 0.00	84.06 -12.25 11.14	56.79 -7.31 0.00	35.37 -5.38 0.32	32.76 -4.60 0.00	32.22 -4.39 0.00	30.74 -3.96 0.00	29.31 -3.70 0.00	25.93 -3.24 0.00	28.36 -3.40 0.00	31.28 -4.43 0.00	37.24 -5.81 0.01	51.88 -7.55 0.04	59.82 -8.95 0.04	58.80 -8.80 1.17	45.37 -7.02 1.61	42.10 -6.41 0.04	38.89 -4.76 0.00
GOETHSLN___LBMP 323567	49.17 2.12 0.01	46.62 2.14 0.01	44.64 1.76 0.01	44.43 1.67 0.01	46.33 1.48 0.01	50.52 1.99 0.01	72.85 3.20 0.01	113.14 5.69 0.01	67.54 3.46 0.01	47.92 3.00 -3.86	44.67 2.58 -4.73	40.57 2.64 -1.32	38.22 2.50 -1.02	38.14 2.31 -2.82	34.26 2.04 -3.05	35.62 2.19 -1.67	41.94 2.57 -3.66	53.15 3.23 -6.86	67.34 4.22 -3.64	78.81 4.95 -5.04	73.65 4.88 0.01	57.39 3.40 0.01	51.60 3.06 0.01	46.13 2.49 0.01
GOLAH___69_KV_TB 1_2 80279	45.93 -1.13 0.00	42.94 -1.56 0.00	41.56 -1.33 0.00	41.49 -1.28 0.00	44.14 -0.72 0.00	46.79 -1.75 0.00	67.01 -2.65 0.00	106.05 -3.44 -2.04	61.53 -2.56 0.00	38.72 -2.34 0.00	35.31 -2.05 0.00	34.64 -1.98 0.00	32.89 -1.80 0.00	31.32 -1.68 0.00	27.65 -1.52 0.00	30.24 -1.52 0.00	33.67 -2.04 0.00	40.48 -2.58 0.00	56.75 -2.74 -0.01	65.65 -3.17 -0.01	66.10 -2.89 -0.22	51.92 -2.38 -0.30	46.18 -2.38 -0.01	41.99 -1.66 0.00
GOODYEAR_LAKE_HYD 323669	48.99 1.93 0.00	46.28 1.78 0.00	44.52 1.63 0.00	44.44 1.67 0.00	46.65 1.79 0.00	50.58 2.04 0.00	72.93 3.27 0.00	112.50 5.05 0.00	66.59 2.50 0.00	41.07 1.27 1.27	36.74 0.93 1.56	37.13 0.95 0.44	35.26 0.90 0.34	32.86 0.79 0.93	28.86 0.70 1.01	31.96 0.76 0.57	35.53 1.07 1.24	42.30 1.55 2.32	60.75 2.50 1.23	70.34 3.23 1.70	71.94 3.16 0.00	56.16 2.16 0.00	50.64 2.09 0.00	45.43 1.79 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	47.49 0.42 0.00	44.72 0.22 0.00	43.19 0.30 0.00	43.07 0.30 0.00	45.35 0.49 0.00	48.83 0.29 0.00	70.00 0.35 0.00	105.05 0.32 2.73	64.09 0.00 0.00	39.58 -0.25 1.24	35.69 -0.15 1.52	36.04 -0.15 0.43	34.26 -0.10 0.33	31.96 -0.13 0.91	28.04 -0.15 0.98	31.16 -0.06 0.54	34.41 -0.11 1.19	40.76 -0.09 2.22	58.00 -0.30 1.18	67.17 0.00 1.64	68.77 0.28 0.28	53.34 -0.27 0.39	48.40 -0.15 0.01	43.82 0.17 0.00

GOWANUS_GT4_5 24134	49.65 2.59 0.00	47.12 2.63 0.00	45.03 2.14 0.00	44.83 2.05 0.00	46.65 1.79 0.00	50.82 2.28 0.00	73.28 3.62 0.00	113.90 6.45 0.00	67.87 3.78 0.00	48.21 3.29 -3.86	44.90 2.80 -4.73	40.83 2.89 -1.33	38.47 2.74 -1.03	38.34 2.51 -2.83	34.44 2.22 -3.06	35.82 2.38 -1.68	42.19 2.82 -3.67	53.54 3.62 -6.86	68.06 4.94 -3.64	79.70 5.85 -5.04	74.55 5.78 0.00	57.94 3.94 0.00	52.10 3.54 0.00	46.61 2.97 0.00
GOWANUS_GT4_6 24135	49.65 2.59 0.00	47.12 2.63 0.00	45.03 2.14 0.00	44.83 2.05 0.00	46.65 1.79 0.00	50.82 2.28 0.00	73.28 3.62 0.00	113.90 6.45 0.00	67.87 3.78 0.00	48.21 3.29 -3.86	44.90 2.80 -4.73	40.83 2.89 -1.33	38.47 2.74 -1.03	38.34 2.51 -2.83	34.44 2.22 -3.06	35.82 2.38 -1.68	42.19 2.82 -3.67	53.54 3.62 -6.86	68.06 4.94 -3.64	79.70 5.85 -5.04	74.55 5.78 0.00	57.94 3.94 0.00	52.10 3.54 0.00	46.61 2.97 0.00
GOWANUS_GT4_7 24136	49.65 2.59 0.00	47.12 2.63 0.00	45.03 2.14 0.00	44.83 2.05 0.00	46.65 1.79 0.00	50.82 2.28 0.00	73.28 3.62 0.00	113.90 6.45 0.00	67.87 3.78 0.00	48.21 3.29 -3.86	44.90 2.80 -4.73	40.83 2.89 -1.33	38.47 2.74 -1.03	38.34 2.51 -2.83	34.44 2.22 -3.06	35.82 2.38 -1.68	42.19 2.82 -3.67	53.54 3.62 -6.86	68.06 4.94 -3.64	79.70 5.85 -5.04	74.55 5.78 0.00	57.94 3.94 0.00	52.10 3.54 0.00	46.61 2.97 0.00
GOWANUS_GT4_8 24137	49.65 2.59 0.00	47.12 2.63 0.00	45.03 2.14 0.00	44.83 2.05 0.00	46.65 1.79 0.00	50.82 2.28 0.00	73.28 3.62 0.00	113.90 6.45 0.00	67.87 3.78 0.00	48.21 3.29 -3.86	44.90 2.80 -4.73	40.83 2.89 -1.33	38.47 2.74 -1.03	38.34 2.51 -2.83	34.44 2.22 -3.06	35.82 2.38 -1.68	42.19 2.82 -3.67	53.54 3.62 -6.86	68.06 4.94 -3.64	79.70 5.85 -5.04	74.55 5.78 0.00	57.94 3.94 0.00	52.10 3.54 0.00	46.61 2.97 0.00
GREATVR_69_KV_BK1 356245	50.92 3.86 0.00	47.88 3.38 0.00	45.76 2.87 0.00	45.72 2.95 0.00	47.50 2.65 0.00	52.04 3.49 0.00	76.79 4.46 -2.67	123.15 7.20 -8.50	69.12 3.40 -1.63	49.19 4.27 -3.86	46.17 4.07 -4.74	42.01 4.06 -1.33	39.58 3.85 -1.04	39.47 3.63 -2.84	35.43 3.21 -3.06	36.97 3.53 -1.68	44.90 4.14 -5.06	55.78 5.12 -7.59	72.98 6.78 -6.72	84.88 7.64 -8.43	79.39 7.84 -2.78	63.84 5.78 -4.06	57.03 5.29 -3.18	53.99 4.67 -5.67
GREENBSH_115KV_TB3 55895	47.39 0.33 0.00	44.99 0.49 0.00	43.40 0.51 0.00	43.20 0.43 0.00	45.08 0.22 0.00	48.88 0.34 0.00	70.21 0.56 0.00	108.20 0.75 0.00	64.73 0.64 0.00	42.63 0.62 -0.95	39.09 0.56 -1.17	37.46 0.51 -0.33	35.43 0.49 -0.25	34.26 0.56 -0.70	30.39 0.47 -0.75	32.78 0.60 -0.41	37.39 0.79 -0.90	45.70 0.95 -1.69	61.68 1.31 -0.89	71.42 1.38 -1.24	70.08 1.31 0.00	55.03 1.03 0.00	49.72 1.17 0.00	44.43 0.79 0.00
GREENDGE_115KV_TB5 80291	47.06 0.00 0.00	44.32 -0.18 0.00	42.89 0.00 0.00	42.86 0.09 0.00	45.44 0.58 0.00	48.49 -0.05 0.00	69.03 -0.63 0.00	128.07 -0.86 -21.48	62.87 -1.22 0.00	40.74 -0.90 -0.57	36.58 -0.78 0.00	35.81 -0.81 0.00	33.97 -0.73 0.00	32.31 -0.69 0.00	28.49 -0.67 0.00	31.03 -0.73 0.00	34.81 -0.89 0.00	42.18 -0.90 -0.02	57.57 -1.90 0.01	67.01 -1.79 0.01	69.57 -1.38 -2.17	55.34 -1.67 -3.01	47.53 -1.02 0.01	43.34 -0.31 0.00
GREENIDGE__3 23582	47.06 0.00 0.00	44.32 -0.18 0.00	42.89 0.00 0.00	42.86 0.09 0.00	45.44 0.58 0.00	48.49 -0.05 0.00	69.03 -0.63 0.00	128.07 -0.86 -21.48	62.87 -1.22 0.00	40.74 -0.90 -0.57	36.58 -0.78 0.00	35.81 -0.81 0.00	33.97 -0.73 0.00	32.31 -0.69 0.00	28.49 -0.67 0.00	31.03 -0.73 0.00	34.81 -0.89 0.00	42.18 -0.90 -0.02	57.57 -1.90 0.01	67.01 -1.79 0.01	69.57 -1.38 -2.17	55.34 -1.67 -3.01	47.53 -1.02 0.01	43.34 -0.31 0.00
GREENIDGE__4 23583	47.06 0.00 0.00	44.32 -0.18 0.00	42.89 0.00 0.00	42.86 0.09 0.00	45.53 0.67 0.00	48.83 0.29 0.00	69.73 0.07 0.00	128.07 -0.86 -21.48	62.87 -1.22 0.00	40.78 -0.86 -0.57	36.65 -0.71 0.00	35.92 -0.70 0.00	34.03 -0.66 0.00	32.37 -0.63 0.00	28.49 -0.67 0.00	31.06 -0.70 0.00	34.85 -0.86 0.00	42.13 -0.95 -0.02	57.75 -1.73 0.01	67.01 -1.79 0.01	69.57 -1.37 -2.17	55.40 -1.62 -3.01	47.67 -0.87 0.01	43.34 -0.30 0.00
GREENLWN_69_KV_BK 3 55738	49.89 2.82 0.00	46.99 2.49 0.00	44.90 2.02 0.00	44.83 2.05 0.00	46.56 1.70 0.00	51.02 2.48 0.00	69.11 2.51 3.05	102.05 4.30 9.70	64.09 1.86 1.86	48.29 3.37 -3.86	45.27 3.18 -4.74	41.13 3.19 -1.33	38.75 3.02 -1.04	38.71 2.87 -2.84	34.76 2.54 -3.06	36.18 2.73 -1.68	43.90 3.14 -5.05	54.43 3.79 -7.57	65.04 4.88 -0.69	75.49 5.50 -1.17	71.13 5.50 3.15	56.79 4.10 1.31	55.44 3.74 -3.15	52.64 3.36 -5.63
GREENWD_138_KV_38B11_REV_LBMP_J 345004	49.65 2.59 0.00	47.12 2.63 0.00	45.03 2.14 0.00	44.83 2.05 0.00	46.65 1.79 0.00	50.82 2.28 0.00	73.28 3.62 0.00	113.90 6.45 0.00	67.87 3.78 0.00	48.21 3.29 -3.86	44.90 2.80 -4.73	40.83 2.89 -1.33	38.47 2.74 -1.03	38.34 2.51 -2.83	34.44 2.22 -3.06	35.82 2.38 -1.68	42.19 2.82 -3.67	53.54 3.62 -6.86	68.06 4.94 -3.64	79.70 5.85 -5.04	74.55 5.78 0.00	57.94 3.94 0.00	52.10 3.54 0.00	46.61 2.97 0.00
GRISSOM__SOLAR 323813	50.08 3.01 0.00	47.35 2.85 0.00	45.50 2.62 0.00	45.38 2.61 0.00	47.73 2.87 0.00	51.79 3.25 0.00	74.74 5.08 0.00	114.65 7.20 0.00	66.53 2.43 0.00	41.31 0.25 0.00	36.72 -0.64 0.00	36.03 -0.59 0.00	34.14 -0.56 0.00	32.57 -0.43 0.00	28.87 -0.29 0.00	31.67 -0.10 0.00	36.13 0.43 0.00	44.57 1.51 0.00	63.40 3.92 0.00	73.97 5.16 0.00	73.79 5.02 0.00	57.78 3.78 0.00	52.15 3.59 0.00	46.44 2.80 0.00
GROVEVILLE__HYD 323602	49.65 2.59 0.00	46.99 2.49 0.00	45.12 2.23 0.00	44.91 2.14 0.00	46.87 2.02 0.00	51.07 2.52 0.00	73.63 3.97 0.00	113.90 6.45 0.00	67.81 3.72 0.00	45.73 2.55 -2.12	41.90 1.94 -2.60	39.21 1.87 -0.73	36.89 1.63 -0.57	35.94 1.39 -1.55	32.10 1.25 -1.68	34.03 1.37 -0.90	39.43 1.75 -1.98	49.13 2.37 -3.70	65.01 3.57 -1.96	75.79 4.27 -2.72	73.93 5.16 0.00	57.67 3.67 0.00	51.76 3.20 0.00	46.26 2.62 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	47.30 0.24 0.00	44.59 0.09 0.00	43.02 0.13 0.00	42.90 0.13 0.00	45.12 0.27 0.00	48.69 0.15 0.00	69.94 0.28 0.00	108.31 0.86 0.00	64.35 0.26 0.00	40.98 -0.08 0.00	37.36 0.00 0.00	36.58 -0.04 0.00	34.66 -0.03 0.00	32.94 -0.07 0.00	29.11 -0.06 0.00	31.73 -0.03 0.00	35.60 -0.11 0.00	42.98 -0.09 0.00	59.54 0.06 0.00	69.02 0.21 0.00	69.12 0.34 0.00	54.11 0.11 0.00	48.55 0.00 0.00	43.69 0.04 0.00
HAMLTNNY_34_KV_TB 80303	47.39 0.33 0.00	44.63 0.13 0.00	43.06 0.17 0.00	42.94 0.17 0.00	45.26 0.40 0.00	48.78 0.24 0.00	70.07 0.42 0.00	109.86 0.97 -1.44	64.35 0.26 0.00	40.90 -0.16 0.00	37.25 -0.11 0.00	36.51 -0.11 0.00	34.59 -0.10 0.00	32.90 -0.10 0.00	29.05 -0.12 0.00	31.67 -0.10 0.00	35.56 -0.14 0.00	42.98 -0.09 0.00	59.60 0.12 0.00	69.02 0.21 0.00	69.33 0.41 -0.15	54.31 0.11 -0.20	48.55 0.00 0.00	43.73 0.09 0.00

HAMPSHIRE___PAPER_HYD 323593	46.22 -0.85 0.00	43.74 -0.76 0.00	42.25 -0.64 0.00	42.39 -0.39 0.00	44.63 -0.22 0.00	48.49 -0.05 0.00	69.94 0.28 0.00	107.24 -0.21 0.00	63.33 -0.77 0.00	40.08 -0.99 0.00	36.43 -0.93 0.00	35.48 -1.14 0.00	33.62 -1.08 0.00	31.91 -1.09 0.00	28.06 -1.11 0.00	30.40 -1.36 0.00	34.38 -1.32 0.00	41.52 -1.55 0.00	57.28 -2.20 0.00	66.68 -2.13 0.00	66.51 -2.27 0.00	52.55 -1.46 0.00	47.19 -1.36 0.00	42.64 -1.00 0.00
HARDSCRABBLE_WT_PWR 323673	46.59 -0.47 0.00	44.10 -0.40 0.00	42.50 -0.39 0.00	42.48 -0.30 0.00	44.54 -0.31 0.00	48.30 -0.24 0.00	69.52 -0.14 0.00	107.34 -0.11 0.00	64.03 -0.06 0.00	40.98 -0.08 0.00	37.25 -0.11 0.00	36.47 -0.15 0.00	34.52 -0.17 0.00	32.81 -0.20 0.00	28.93 -0.23 0.00	31.48 -0.29 0.00	35.42 -0.29 0.00	42.76 -0.30 0.00	59.24 -0.24 0.00	68.67 -0.14 0.00	68.50 -0.27 0.00	53.68 -0.32 0.00	48.31 -0.24 0.00	43.39 -0.26 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	49.04 1.98 0.00	46.41 1.91 0.00	44.52 1.63 0.00	44.36 1.58 0.00	46.24 1.39 0.00	50.39 1.84 0.00	72.51 2.86 0.00	112.29 4.84 0.00	66.91 2.82 0.00	51.50 2.26 -8.18	49.29 1.91 -10.02	41.37 1.94 -2.81	38.72 1.84 -2.19	40.68 1.68 -5.99	37.16 1.52 -6.48	36.99 1.65 -3.57	45.52 2.00 -7.82	60.31 2.63 -14.62	70.93 3.69 -7.76	83.96 4.40 -10.74	73.11 4.33 0.00	57.02 3.02 0.00	51.17 2.62 0.00	45.78 2.14 0.00
HARSNRAD_115KV_TB1 81005	43.30 -3.77 0.00	40.40 -4.09 0.00	39.33 -3.56 0.00	39.31 -3.46 0.00	42.12 -2.74 0.00	43.40 -5.15 0.00	61.37 -8.29 0.00	85.87 -12.46 9.11	56.79 -7.31 0.00	35.20 -5.54 0.32	32.58 -4.78 0.00	32.04 -4.58 0.00	30.57 -4.13 0.00	29.14 -3.86 0.00	25.78 -3.38 0.00	28.21 -3.56 0.00	31.10 -4.61 0.00	37.11 -5.94 0.01	51.81 -7.61 0.06	59.81 -8.95 0.06	58.99 -8.80 0.98	45.53 -7.13 1.34	42.04 -6.46 0.06	38.84 -4.80 0.00
HARZA MOOSE___RIVER 24016	47.49 0.42 0.00	44.85 0.36 0.00	43.40 0.51 0.00	43.46 0.68 0.00	45.75 0.90 0.00	49.66 1.12 0.00	71.82 2.16 0.00	110.46 3.01 0.00	65.31 1.22 0.00	41.35 0.29 0.00	37.51 0.15 0.00	36.61 0.00 0.00	34.66 -0.03 0.00	32.90 -0.10 0.00	28.90 -0.26 0.00	31.38 -0.38 0.00	35.45 -0.25 0.00	42.89 -0.17 0.00	59.54 0.06 0.00	69.22 0.41 0.00	69.05 0.28 0.00	54.16 0.16 0.00	48.70 0.15 0.00	43.91 0.26 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	46.97 -0.09 0.00	44.27 -0.22 0.00	42.72 -0.17 0.00	42.60 -0.17 0.00	44.81 -0.04 0.00	48.35 -0.19 0.00	69.45 -0.21 0.00	107.45 0.00 0.00	63.90 -0.19 0.00	40.74 -0.33 0.00	37.10 -0.26 0.00	36.36 -0.26 0.00	34.45 -0.24 0.00	32.77 -0.23 0.00	28.96 -0.20 0.00	31.54 -0.22 0.00	35.42 -0.29 0.00	42.76 -0.30 0.00	59.18 -0.30 0.00	68.60 -0.21 0.00	68.64 -0.14 0.00	53.73 -0.27 0.00	48.21 -0.34 0.00	43.43 -0.22 0.00
HELLGATE_13_KV_LD 55870	49.70 2.64 0.00	47.12 2.63 0.00	45.07 2.19 0.00	44.87 2.10 0.00	46.74 1.88 0.00	50.87 2.33 0.00	73.42 3.76 0.00	114.11 6.66 0.00	68.07 3.97 0.00	48.38 3.45 -3.86	45.01 2.91 -4.73	40.94 3.00 -1.33	38.57 2.84 -1.03	38.47 2.64 -2.83	34.53 2.30 -3.06	35.92 2.48 -1.68	42.27 2.89 -3.67	53.58 3.66 -6.86	68.00 4.88 -3.64	79.56 5.71 -5.04	74.42 5.64 0.00	57.89 3.89 0.00	52.10 3.54 0.00	46.61 2.97 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	49.70 2.64 0.00	47.12 2.63 0.00	45.07 2.19 0.00	44.87 2.10 0.00	46.74 1.88 0.00	50.87 2.33 0.00	73.42 3.76 0.00	114.11 6.66 0.00	68.07 3.97 0.00	48.38 3.45 -3.86	45.01 2.91 -4.73	40.94 3.00 -1.33	38.57 2.84 -1.03	38.47 2.64 -2.83	34.53 2.30 -3.06	35.92 2.48 -1.68	42.27 2.89 -3.67	53.58 3.66 -6.86	68.00 4.88 -3.64	79.56 5.71 -5.04	74.42 5.64 0.00	57.89 3.89 0.00	52.10 3.54 0.00	46.61 2.97 0.00
HEMPSTEAD___ 23647	49.98 2.92 0.00	47.08 2.58 0.00	45.07 2.19 0.00	44.91 2.14 0.00	46.74 1.88 0.00	50.82 2.28 0.00	72.86 3.21 0.00	113.03 5.58 0.00	66.85 2.75 0.00	48.33 3.41 -3.86	45.24 3.14 -4.74	41.10 3.15 -1.34	38.72 2.98 -1.04	38.65 2.80 -2.84	34.77 2.54 -3.07	36.12 2.67 -1.69	43.86 3.07 -5.08	54.62 3.74 -7.81	68.18 5.05 -3.65	79.70 5.85 -5.05	74.63 5.84 -0.01	58.90 4.32 -0.58	56.51 3.79 -4.17	54.31 3.23 -7.43
HICKLING___1 23621	46.92 -0.14 0.00	44.01 -0.49 0.00	42.67 -0.21 0.00	42.60 -0.17 0.00	45.21 0.36 0.00	48.15 -0.39 0.00	68.75 -0.91 0.00	101.57 -0.86 5.02	63.13 -0.96 0.00	39.19 -1.15 0.72	35.34 -0.90 1.12	35.38 -0.92 0.32	33.65 -0.80 0.25	31.57 -0.76 0.67	27.71 -0.73 0.73	30.42 -0.92 0.42	33.61 -1.18 0.92	39.89 -1.46 1.71	56.06 -2.50 0.92	65.40 -2.13 1.27	66.60 -1.65 0.52	51.07 -2.21 0.72	46.79 -1.75 0.01	42.90 -0.74 0.00
HICKLING___2 23622	46.92 -0.14 0.00	44.01 -0.49 0.00	42.67 -0.21 0.00	42.60 -0.17 0.00	45.21 0.36 0.00	48.15 -0.39 0.00	68.75 -0.91 0.00	101.57 -0.86 5.02	63.13 -0.96 0.00	39.19 -1.15 0.72	35.34 -0.90 1.12	35.38 -0.92 0.32	33.65 -0.80 0.25	31.57 -0.76 0.67	27.71 -0.73 0.73	30.42 -0.92 0.42	33.61 -1.18 0.92	39.89 -1.46 1.71	56.06 -2.50 0.92	65.40 -2.13 1.27	66.60 -1.65 0.52	51.07 -2.21 0.72	46.79 -1.75 0.01	42.90 -0.74 0.00
HIGH FALLS___HY 23754	49.70 2.64 0.00	47.03 2.54 0.00	45.12 2.23 0.00	44.96 2.18 0.00	46.92 2.06 0.00	51.21 2.67 0.00	73.84 4.18 0.00	114.33 6.88 0.00	67.94 3.85 0.00	44.40 2.50 -0.83	40.35 1.98 -1.01	38.84 1.94 -0.28	36.65 1.73 -0.22	35.13 1.52 -0.61	31.19 1.37 -0.65	33.26 1.49 0.00	37.56 1.86 0.00	45.65 2.58 0.00	63.40 3.93 0.00	73.56 4.75 0.00	74.00 5.23 0.00	57.67 3.67 0.00	51.71 3.16 0.00	46.22 2.58 0.00
HIGH_RIVER___SOLAR 323847	49.70 2.63 0.00	46.99 2.49 0.00	45.20 2.31 0.00	45.04 2.27 0.00	47.32 2.47 0.00	51.40 2.86 0.00	74.05 4.39 0.00	113.68 6.23 0.00	65.95 1.86 0.00	40.98 -0.08 0.00	36.24 -1.12 0.00	35.63 -0.99 0.00	33.79 -0.90 0.00	32.25 -0.76 0.00	28.73 -0.44 0.00	31.60 -0.16 0.00	36.17 0.46 0.00	44.44 1.38 0.00	62.93 3.45 0.00	73.42 4.61 0.00	73.31 4.54 0.00	57.35 3.35 0.00	51.76 3.20 0.00	46.13 2.49 0.00
HILLBURN___GT 23639	48.95 1.88 0.00	46.37 1.87 0.00	44.47 1.59 0.00	44.27 1.50 0.00	46.15 1.30 0.00	50.14 1.60 0.00	72.37 2.71 0.00	112.17 4.72 0.00	66.91 2.82 0.00	51.21 2.42 -7.72	48.92 2.09 -9.47	41.39 2.12 -2.65	38.77 2.01 -2.06	40.54 1.88 -5.66	36.97 1.69 -6.12	36.94 1.81 -3.36	45.21 2.14 -7.36	59.54 2.71 -13.76	70.54 3.75 -7.31	83.33 4.41 -10.11	73.11 4.34 0.00	57.13 3.13 0.00	51.22 2.67 0.00	45.78 2.14 0.00
HILLSIDE_115KV_TB1 80332	46.26 -0.80 0.00	43.47 -1.02 0.00	42.12 -0.77 0.00	42.05 -0.73 0.00	44.49 -0.36 0.00	47.47 -1.07 0.00	67.78 -1.88 2.90	102.19 -2.36 0.00	62.43 -1.67 0.00	38.84 -1.44 0.79	35.01 -1.20 1.16	35.12 -1.17 0.32	33.40 -1.04 0.25	31.29 -1.02 0.69	27.48 -0.93 0.75	30.18 -1.14 0.43	33.29 -1.46 0.95	39.44 -1.85 1.77	55.31 -3.21 0.96	64.53 -2.96 1.32	65.99 -2.48 0.31	50.67 -2.92 0.42	46.21 -2.33 0.01	42.38 -1.27 0.00

HISHELDN_WT_PWR 323625	44.47 -2.59 0.00	41.56 -2.94 0.00	40.49 -2.40 0.00	40.46 -2.31 0.00	43.42 -1.44 0.00	45.92 -2.62 0.00	64.08 -5.58 0.00	78.05 -8.38 21.02	58.84 -5.25 0.00	35.97 -4.19 0.91	33.85 -3.51 0.00	33.32 -3.30 0.00	31.68 -3.02 0.00	30.23 -2.77 0.00	26.57 -2.60 0.00	29.00 -2.76 0.00	32.10 -3.60 0.00	38.39 -4.65 0.03	53.50 -5.95 0.04	62.03 -6.74 0.04	60.22 -6.39 2.16	45.50 -5.51 2.99	43.62 -4.90 0.04	40.24 -3.40 0.00
HOLTSVILLE_IC_1 23690	50.36 3.29 0.00	47.35 2.85 0.00	45.24 2.36 0.00	45.25 2.48 0.00	46.92 2.06 0.00	51.06 2.52 0.00	76.76 3.48 -3.63	124.88 5.91 -11.52	68.87 2.57 -2.21	48.70 3.78 -3.86	45.91 3.81 -4.74	41.76 3.81 -1.33	39.34 3.61 -1.04	39.27 3.43 -2.84	35.29 3.06 -3.06	36.75 3.30 -1.68	44.61 3.86 -5.05	55.33 4.69 -7.57	73.54 6.13 -7.93	85.12 6.67 -9.64	79.48 6.94 -3.76	65.52 5.35 -6.17	56.46 4.81 -3.10	53.45 4.28 -5.52
HOLTSVILLE_IC_10 23699	50.59 3.53 0.00	47.56 3.07 0.00	45.46 2.57 0.00	45.43 2.65 0.00	47.14 2.29 0.00	51.31 2.77 0.00	76.52 3.90 -2.97	123.43 6.56 -9.42	68.78 2.89 -1.81	48.90 3.98 -3.86	46.10 4.00 -4.74	41.90 3.96 -1.33	39.52 3.78 -1.04	39.40 3.57 -2.84	35.41 3.18 -3.06	36.91 3.46 -1.68	44.79 4.03 -5.05	55.59 4.95 -7.58	74.03 6.54 -8.01	84.77 7.16 -8.80	79.28 7.43 -3.08	66.25 5.67 -6.58	56.77 5.10 -3.12	53.70 4.50 -5.56
HOLTSVILLE_IC_2 23691	50.36 3.29 0.00	47.35 2.85 0.00	45.24 2.36 0.00	45.25 2.48 0.00	46.92 2.06 0.00	51.06 2.52 0.00	76.76 3.48 -3.63	124.88 5.91 -11.52	68.87 2.57 -2.21	48.70 3.78 -3.86	45.91 3.81 -4.74	41.76 3.81 -1.33	39.34 3.61 -1.04	39.27 3.43 -2.84	35.29 3.06 -3.06	36.75 3.30 -1.68	44.61 3.86 -5.05	55.33 4.69 -7.57	73.54 6.13 -7.93	85.12 6.67 -9.64	79.48 6.94 -3.76	65.52 5.35 -6.17	56.46 4.81 -3.10	53.45 4.28 -5.52
HOLTSVILLE_IC_3 23692	50.36 3.29 0.00	47.35 2.85 0.00	45.24 2.36 0.00	45.25 2.48 0.00	46.92 2.06 0.00	51.06 2.52 0.00	76.76 3.48 -3.63	124.88 5.91 -11.52	68.87 2.57 -2.21	48.70 3.78 -3.86	45.91 3.81 -4.74	41.76 3.81 -1.33	39.34 3.61 -1.04	39.27 3.43 -2.84	35.29 3.06 -3.06	36.75 3.30 -1.68	44.61 3.86 -5.05	55.33 4.69 -7.57	73.54 6.13 -7.93	85.12 6.67 -9.64	79.48 6.94 -3.76	65.52 5.35 -6.17	56.46 4.81 -3.10	53.45 4.28 -5.52
HOLTSVILLE_IC_4 23693	50.36 3.29 0.00	47.35 2.85 0.00	45.24 2.36 0.00	45.25 2.48 0.00	46.92 2.06 0.00	51.06 2.52 0.00	76.76 3.48 -3.63	124.88 5.91 -11.52	68.87 2.57 -2.21	48.70 3.78 -3.86	45.91 3.81 -4.74	41.76 3.81 -1.33	39.34 3.61 -1.04	39.27 3.43 -2.84	35.29 3.06 -3.06	36.75 3.30 -1.68	44.61 3.86 -5.05	55.33 4.69 -7.57	73.54 6.13 -7.93	85.12 6.67 -9.64	79.48 6.94 -3.76	65.52 5.35 -6.17	56.46 4.81 -3.10	53.45 4.28 -5.52
HOLTSVILLE_IC_5 23694	50.36 3.29 0.00	47.35 2.85 0.00	45.24 2.36 0.00	45.25 2.48 0.00	46.92 2.06 0.00	51.06 2.52 0.00	76.76 3.48 -3.63	124.88 5.91 -11.52	68.87 2.57 -2.21	48.70 3.78 -3.86	45.91 3.81 -4.74	41.76 3.81 -1.33	39.34 3.61 -1.04	39.27 3.43 -2.84	35.29 3.06 -3.06	36.75 3.30 -1.68	44.61 3.86 -5.05	55.33 4.69 -7.57	73.54 6.13 -7.93	85.12 6.67 -9.64	79.48 6.94 -3.76	65.52 5.35 -6.17	56.46 4.81 -3.10	53.45 4.28 -5.52
HOLTSVILLE_IC_6 23695	50.59 3.53 0.00	47.56 3.07 0.00	45.46 2.57 0.00	45.43 2.65 0.00	47.14 2.29 0.00	51.31 2.77 0.00	76.52 3.90 -2.97	123.43 6.56 -9.42	68.78 2.89 -1.81	48.90 3.98 -3.86	46.10 4.00 -4.74	41.90 3.96 -1.33	39.52 3.78 -1.04	39.40 3.57 -2.84	35.41 3.18 -3.06	36.91 3.46 -1.68	44.79 4.03 -5.05	55.59 4.95 -7.58	74.03 6.54 -8.01	84.77 7.16 -8.80	79.28 7.43 -3.08	66.25 5.67 -6.58	56.77 5.10 -3.12	53.70 4.50 -5.56
HOLTSVILLE_IC_7 23696	50.59 3.53 0.00	47.56 3.07 0.00	45.46 2.57 0.00	45.43 2.65 0.00	47.14 2.29 0.00	51.31 2.77 0.00	76.52 3.90 -2.97	123.43 6.56 -9.42	68.78 2.89 -1.81	48.90 3.98 -3.86	46.10 4.00 -4.74	41.90 3.96 -1.33	39.52 3.78 -1.04	39.40 3.57 -2.84	35.41 3.18 -3.06	36.91 3.46 -1.68	44.79 4.03 -5.05	55.59 4.95 -7.58	74.03 6.54 -8.01	84.77 7.16 -8.80	79.28 7.43 -3.08	66.25 5.67 -6.58	56.77 5.10 -3.12	53.70 4.50 -5.56
HOLTSVILLE_IC_8 23697	50.59 3.53 0.00	47.56 3.07 0.00	45.46 2.57 0.00	45.43 2.65 0.00	47.14 2.29 0.00	51.31 2.77 0.00	76.52 3.90 -2.97	123.43 6.56 -9.42	68.78 2.89 -1.81	48.90 3.98 -3.86	46.10 4.00 -4.74	41.90 3.96 -1.33	39.52 3.78 -1.04	39.40 3.57 -2.84	35.41 3.18 -3.06	36.91 3.46 -1.68	44.79 4.03 -5.05	55.59 4.95 -7.58	74.03 6.54 -8.01	84.77 7.16 -8.80	79.28 7.43 -3.08	66.25 5.67 -6.58	56.77 5.10 -3.12	53.70 4.50 -5.56
HOLTSVILLE_IC_9 23698	50.59 3.53 0.00	47.56 3.07 0.00	45.46 2.57 0.00	45.43 2.65 0.00	47.14 2.29 0.00	51.31 2.77 0.00	76.52 3.90 -2.97	123.43 6.56 -9.42	68.78 2.89 -1.81	48.90 3.98 -3.86	46.10 4.00 -4.74	41.90 3.96 -1.33	39.52 3.78 -1.04	39.40 3.57 -2.84	35.41 3.18 -3.06	36.91 3.46 -1.68	44.79 4.03 -5.05	55.59 4.95 -7.58	74.03 6.54 -8.01	84.77 7.16 -8.80	79.28 7.43 -3.08	66.25 5.67 -6.58	56.77 5.10 -3.12	53.70 4.50 -5.56
HOMER_HL_115KV_TB2 355744	45.70 -1.36 0.00	42.81 -1.69 0.00	41.73 -1.16 0.00	41.62 -1.15 0.00	44.18 -0.67 0.00	46.70 -1.84 0.00	66.38 -3.27 0.00	91.07 -5.69 10.68	60.50 -3.59 0.00	37.98 -2.79 0.29	35.12 -2.24 0.00	34.38 -2.23 0.00	32.75 -1.94 0.00	31.09 -1.91 0.00	27.47 -1.69 0.00	29.86 -1.91 0.00	33.27 -2.43 0.00	39.87 -3.19 0.01	51.18 -8.27 0.03	61.82 -6.95 0.03	62.71 -4.95 1.12	45.07 -7.40 1.54	43.32 -5.20 0.03	41.46 -2.18 0.00
HOWARD_WT_PWR 323690	45.84 -1.22 0.00	43.07 -1.43 0.00	42.03 -0.86 0.00	42.13 -0.64 0.00	45.12 0.27 0.00	48.25 -0.29 0.00	68.19 -1.47 0.00	155.00 -1.93 -49.48	62.10 -1.99 0.00	39.42 -2.14 -0.49	34.68 -1.72 0.96	34.70 -1.65 0.27	32.96 -1.53 0.21	30.98 -1.45 0.57	27.09 -1.46 0.62	29.75 -1.65 0.36	32.78 -2.14 0.78	39.10 -2.54 1.42	55.42 -3.27 0.79	64.22 -3.51 1.08	70.94 -2.82 -4.99	57.92 -3.02 -6.94	46.06 -2.47 0.01	42.21 -1.44 0.00
HQ_GEN_CEDARS 23644	47.11 0.05 0.00	44.63 0.13 0.00	42.97 0.09 0.00	42.99 0.21 0.00	45.26 0.40 0.00	49.03 0.49 0.00	70.07 0.42 0.00	107.45 0.00 0.00	64.03 -0.06 0.00	40.90 -0.16 0.00	37.21 -0.15 0.00	36.40 -0.22 0.00	34.49 -0.21 0.00	32.80 -0.20 0.00	28.93 -0.23 0.00	31.38 -0.38 0.00	35.35 -0.36 0.00	42.46 -0.60 0.00	58.11 -1.37 0.00	67.30 -1.51 0.00	67.12 -1.65 0.00	53.57 -0.43 0.00	47.87 -0.68 0.00	43.34 -0.31 0.00
HQ_GEN_CEDARS_PROXY 323590	47.11 0.05 0.00	44.63 0.13 0.00	42.97 0.09 0.00	42.99 0.21 0.00	45.26 0.40 0.00	49.03 0.49 0.00	70.15 0.49 0.00	99.09 0.00 8.36	66.33 -0.06 -2.30	46.97 -0.16 -6.06	37.29 -0.07 0.00	36.40 -0.22 0.00	34.49 -0.21 0.00	32.81 -0.20 0.00	28.93 -0.23 0.00	31.38 -0.38 0.00	35.35 -0.36 0.00	42.50 -0.56 0.00	57.99 -1.48 0.00	67.16 -1.65 0.00	67.12 -1.65 0.00	53.30 -0.70 0.00	47.92 -0.63 0.00	43.34 -0.30 0.00

HQ_GEN_CHPE_PROXY 323851	49.23 2.17 0.00	46.63 2.14 0.00	44.69 1.80 0.00	44.49 1.71 0.00	46.33 1.48 0.00	50.34 1.80 0.00	72.86 3.21 0.00	104.88 5.80 8.36	69.85 3.46 -2.30	53.99 3.00 -9.93	44.67 2.58 -4.74	40.58 2.64 -1.33	38.23 2.50 -1.03	38.14 2.31 -2.83	34.29 2.07 -3.06	35.63 2.19 -1.68	41.91 2.54 -3.67	53.16 3.23 -6.86	67.46 4.34 -3.65	78.87 5.02 -5.04	73.73 4.95 0.00	57.56 3.56 0.00	51.61 3.06 0.00	46.13 2.49 0.00
HQ_GEN_IMPORT 323601	47.11 0.05 0.00	44.54 0.04 0.00	42.93 0.04 0.00	42.82 0.04 0.00	44.94 0.09 0.00	48.69 0.15 0.00	69.73 0.07 0.00	99.09 0.00 8.36	66.39 0.00 -2.30	47.13 0.00 -6.06	37.36 0.00 0.00	36.61 0.00 0.00	34.69 0.00 0.00	33.00 0.00 0.00	29.13 -0.03 0.00	31.70 -0.06 0.00	35.63 -0.07 0.00	42.93 -0.13 0.00	59.12 -0.35 0.00	68.40 -0.41 0.00	68.37 -0.41 0.00	53.79 -0.22 0.00	48.36 -0.19 0.00	43.56 -0.09 0.00
HQ_GEN_WHEEL 23651	47.11 0.05 0.00	44.54 0.04 0.00	42.93 0.04 0.00	42.82 0.04 0.00	44.94 0.09 0.00	48.69 0.15 0.00	69.73 0.07 0.00	99.09 0.00 8.36	66.39 0.00 -2.30	47.13 0.00 -6.06	37.36 0.00 0.00	36.61 0.00 0.00	34.69 0.00 0.00	33.00 0.00 0.00	29.13 -0.03 0.00	31.70 -0.06 0.00	35.63 -0.07 0.00	42.93 -0.13 0.00	59.12 -0.35 0.00	68.40 -0.41 0.00	68.37 -0.41 0.00	53.79 -0.22 0.00	48.36 -0.19 0.00	43.56 -0.09 0.00
HUDSON_AVE_GT_3 23810	49.42 2.35 0.00	46.81 2.31 0.00	44.82 1.93 0.00	44.61 1.84 0.00	46.51 1.66 0.00	50.73 2.18 0.00	73.21 3.55 0.00	113.68 6.23 0.00	67.87 3.78 0.00	48.09 3.16 -3.86	44.82 2.73 -4.74	40.69 2.75 -1.33	38.33 2.60 -1.03	38.28 2.44 -2.83	34.35 2.13 -3.06	35.76 2.32 -1.68	42.05 2.68 -3.67	53.37 3.45 -6.86	67.64 4.52 -3.65	79.15 5.30 -5.04	74.00 5.23 0.00	57.67 3.67 0.00	51.85 3.30 0.00	46.31 2.66 0.00
HUDSON_AVE_GT_4 23540	49.42 2.35 0.00	46.81 2.31 0.00	44.82 1.93 0.00	44.61 1.84 0.00	46.51 1.66 0.00	50.73 2.18 0.00	73.21 3.55 0.00	113.68 6.23 0.00	67.87 3.78 0.00	48.09 3.16 -3.86	44.82 2.73 -4.74	40.69 2.75 -1.33	38.33 2.60 -1.03	38.28 2.44 -2.83	34.35 2.13 -3.06	35.76 2.32 -1.68	42.05 2.68 -3.67	53.37 3.45 -6.86	67.64 4.52 -3.65	79.15 5.30 -5.04	74.00 5.23 0.00	57.67 3.67 0.00	51.85 3.30 0.00	46.31 2.66 0.00
HUDSON_AVE_GT_5 23657	49.42 2.35 0.00	46.81 2.31 0.00	44.82 1.93 0.00	44.61 1.84 0.00	46.51 1.66 0.00	50.73 2.18 0.00	73.21 3.55 0.00	113.68 6.23 0.00	67.87 3.78 0.00	48.09 3.16 -3.86	44.82 2.73 -4.74	40.69 2.75 -1.33	38.33 2.60 -1.03	38.28 2.44 -2.83	34.35 2.13 -3.06	35.76 2.32 -1.68	42.05 2.68 -3.67	53.37 3.45 -6.86	67.64 4.52 -3.65	79.15 5.30 -5.04	74.00 5.23 0.00	57.67 3.67 0.00	51.85 3.30 0.00	46.31 2.66 0.00
HUDSON_AVE_10 24168	49.27 2.21 0.00	46.68 2.18 0.00	44.69 1.80 0.00	44.48 1.71 0.00	46.38 1.53 0.00	50.58 2.04 0.00	73.00 3.34 0.00	113.47 6.02 0.00	67.68 3.59 0.00	48.01 3.08 -3.86	44.71 2.62 -4.74	40.62 2.67 -1.33	38.26 2.53 -1.03	38.21 2.38 -2.83	34.29 2.07 -3.06	35.66 2.22 -1.68	41.98 2.61 -3.67	53.29 3.36 -6.86	67.53 4.40 -3.65	79.01 5.16 -5.04	73.86 5.09 0.00	57.56 3.56 0.00	51.71 3.16 0.00	46.13 2.49 0.00
HUDSON___115KV_TB 4 355613	48.47 1.41 0.00	45.97 1.47 0.00	44.26 1.37 0.00	44.10 1.33 0.00	46.11 1.26 0.00	50.05 1.50 0.00	72.02 2.37 0.00	110.89 3.44 0.00	65.82 1.73 0.00	42.90 0.86 -0.97	39.15 0.60 -1.19	37.46 0.51 -0.33	35.44 0.49 -0.26	34.24 0.53 -0.71	30.40 0.47 -0.77	32.81 0.64 -0.42	37.54 0.93 -0.91	46.18 1.42 -1.70	62.94 2.56 -0.90	73.08 3.03 -1.25	71.73 2.96 0.00	56.21 2.21 0.00	50.69 2.14 0.00	45.26 1.61 0.00
HUNTER MOUNT___DRP 323613	48.71 1.65 0.00	46.19 1.69 0.00	44.47 1.59 0.00	44.31 1.54 0.00	46.33 1.48 0.00	50.34 1.80 0.00	72.44 2.79 0.00	111.32 3.87 0.00	65.95 1.86 0.00	42.89 0.82 -1.00	39.07 0.49 -1.23	37.40 0.44 -0.34	35.34 0.38 -0.27	34.17 0.43 -0.73	30.34 0.38 -0.79	32.73 0.54 -0.42	37.52 0.89 -0.93	46.21 1.42 -1.73	63.07 2.68 -0.92	73.38 3.30 -1.27	71.94 3.16 0.00	56.32 2.32 0.00	50.79 2.23 0.00	45.35 1.70 0.00
HUNTINGTON_RES_REC 323705	50.17 3.11 0.00	47.21 2.71 0.00	45.12 2.23 0.00	45.04 2.27 0.00	46.78 1.93 0.00	50.87 2.33 0.00	71.83 2.99 0.82	109.99 5.16 2.61	65.77 2.18 0.50	48.49 3.57 -3.86	45.57 3.48 -4.74	41.43 3.48 -1.33	39.03 3.30 -1.04	38.94 3.10 -2.84	35.03 2.80 -3.06	36.47 3.02 -1.68	44.26 3.50 -5.05	54.92 4.31 -7.55	65.39 5.65 -0.26	79.01 6.20 -4.00	74.26 6.32 0.84	54.95 4.86 3.91	55.98 4.32 -3.11	53.06 3.84 -5.57
HUNTLEY___63 23557	44.19 -2.87 0.00	41.20 -3.29 0.00	40.19 -2.70 0.00	40.12 -2.65 0.00	43.01 -1.84 0.00	44.37 -4.17 0.00	62.83 -6.83 0.00	87.05 -9.99 10.41	58.26 -5.83 0.00	35.98 -4.72 0.36	33.25 -4.11 0.00	32.66 -3.95 0.00	31.22 -3.47 0.00	29.70 -3.30 0.00	26.31 -2.86 0.00	28.81 -2.95 0.00	31.74 -3.96 0.00	37.93 -5.12 0.01	52.94 -6.48 0.05	61.19 -7.57 0.05	60.45 -7.22 1.11	46.33 -6.16 1.52	42.97 -5.54 0.05	39.72 -3.93 0.00
HUNTLEY___64 23558	44.19 -2.87 0.00	41.20 -3.29 0.00	40.19 -2.70 0.00	40.12 -2.65 0.00	43.01 -1.84 0.00	44.37 -4.17 0.00	62.83 -6.83 0.00	87.05 -9.99 10.41	58.26 -5.83 0.00	35.98 -4.72 0.36	33.25 -4.11 0.00	32.66 -3.95 0.00	31.22 -3.47 0.00	29.70 -3.30 0.00	26.31 -2.86 0.00	28.81 -2.95 0.00	31.74 -3.96 0.00	37.93 -5.12 0.01	52.94 -6.48 0.05	61.19 -7.57 0.05	60.45 -7.22 1.11	46.33 -6.16 1.52	42.97 -5.54 0.05	39.72 -3.93 0.00
HUNTLEY___65 23559	44.19 -2.87 0.00	41.20 -3.29 0.00	40.19 -2.70 0.00	40.12 -2.65 0.00	43.01 -1.84 0.00	44.37 -4.17 0.00	62.83 -6.83 0.00	87.05 -9.99 10.41	58.26 -5.83 0.00	35.98 -4.72 0.36	33.25 -4.11 0.00	32.66 -3.95 0.00	31.22 -3.47 0.00	29.70 -3.30 0.00	26.31 -2.86 0.00	28.81 -2.95 0.00	31.74 -3.96 0.00	37.93 -5.12 0.01	52.94 -6.48 0.05	61.19 -7.57 0.05	60.45 -7.22 1.11	46.33 -6.16 1.52	42.97 -5.54 0.05	39.72 -3.93 0.00
HUNTLEY___66 23560	44.19 -2.87 0.00	41.20 -3.29 0.00	40.19 -2.70 0.00	40.12 -2.65 0.00	43.01 -1.84 0.00	44.37 -4.17 0.00	62.83 -6.83 0.00	87.05 -9.99 10.41	58.26 -5.83 0.00	35.98 -4.72 0.36	33.25 -4.11 0.00	32.66 -3.95 0.00	31.22 -3.47 0.00	29.70 -3.30 0.00	26.31 -2.86 0.00	28.81 -2.95 0.00	31.74 -3.96 0.00	37.93 -5.12 0.01	52.94 -6.48 0.05	61.19 -7.57 0.05	60.45 -7.22 1.11	46.33 -6.16 1.52	42.97 -5.54 0.05	39.72 -3.93 0.00
HUNTLEY___67 23561	43.82 -3.25 0.00	40.76 -3.74 0.00	39.76 -3.13 0.00	39.65 -3.12 0.00	42.57 -2.29 0.00	43.93 -4.61 0.00	62.13 -7.52 0.00	83.95 -11.17 12.32	57.55 -6.54 0.00	35.70 -4.97 0.40	33.10 -4.26 0.00	32.55 -4.06 0.00	31.05 -3.64 0.00	29.60 -3.40 0.00	26.19 -2.97 0.00	28.62 -3.14 0.00	31.56 -4.14 0.00	37.67 -5.38 0.01	52.42 -7.02 0.04	60.58 -8.19 0.04	59.51 -7.98 1.29	45.69 -6.53 1.77	42.54 -5.97 0.04	39.32 -4.32 0.00

HUNTLEY___68 23562	43.82 -3.25 0.00	40.76 -3.74 0.00	39.76 -3.13 0.00	39.65 -3.12 0.00	42.57 -2.29 0.00	43.93 -4.61 0.00	62.13 -7.52 0.00	83.95 -11.17 12.32	57.55 -6.54 0.00	35.70 -4.97 0.40	33.10 -4.26 0.00	32.55 -4.06 0.00	31.05 -3.64 0.00	29.60 -3.40 0.00	26.19 -2.97 0.00	28.62 -3.14 0.00	31.56 -4.14 0.00	37.67 -5.38 0.01	52.42 -7.02 0.04	60.58 -8.19 0.04	59.51 -7.98 1.29	45.69 -6.53 1.77	42.54 -5.97 0.04	39.32 -4.32 0.00
HYLAND___LFGE 323620	48.19 1.13 0.00	45.12 0.62 0.00	43.79 0.90 0.00	43.80 1.02 0.00	46.82 1.97 0.00	50.29 1.74 0.00	71.54 1.88 0.00	159.39 2.79 -49.15	63.65 -0.45 0.00	40.48 -1.76 -1.18	35.83 -1.53 0.00	35.00 -1.61 0.00	33.17 -1.53 0.00	31.65 -1.35 0.00	27.88 -1.28 0.00	30.56 -1.21 0.00	34.24 -1.47 0.00	41.76 -1.34 -0.03	59.12 -0.35 0.01	69.29 0.49 0.01	74.98 1.24 -4.97	61.23 0.33 -6.91	48.50 -0.05 0.01	44.17 0.53 0.00
INDECK___CORINTH 23802	47.39 0.33 0.00	44.81 0.31 0.00	43.06 0.17 0.00	42.90 0.13 0.00	44.94 0.09 0.00	48.83 0.29 0.00	70.63 0.97 0.00	109.06 1.61 0.00	64.73 0.64 0.00	41.89 0.00 -0.83	37.89 -0.49 -1.01	36.39 -0.51 -0.28	34.40 -0.52 -0.22	33.18 -0.43 -0.61	29.35 -0.47 -0.65	31.80 -0.32 -0.36	36.48 0.00 -0.78	44.83 0.30 -1.46	61.56 1.31 -0.78	71.67 1.79 -1.07	70.36 1.58 0.00	55.19 1.19 0.00	49.62 1.07 0.00	44.04 0.39 0.00
INDECK___ILION 23567	46.92 -0.14 0.00	44.41 -0.09 0.00	42.80 -0.09 0.00	42.69 -0.09 0.00	44.76 -0.09 0.00	48.54 0.00 0.00	69.80 0.14 0.00	107.67 0.21 0.00	64.22 0.13 0.00	41.15 0.08 0.00	37.40 0.04 0.00	36.61 0.00 0.00	34.69 0.00 0.00	32.97 -0.03 0.00	29.11 -0.06 0.00	31.70 -0.06 0.00	35.67 -0.04 0.00	43.06 0.00 0.00	59.60 0.12 0.00	69.02 0.21 0.00	68.91 0.14 0.00	54.00 0.00 0.00	48.60 0.05 0.00	43.65 0.00 0.00
INDECK___OLEAN 23982	45.70 -1.37 0.00	42.81 -1.69 0.00	41.73 -1.16 0.00	41.58 -1.20 0.00	44.27 -0.58 0.00	47.13 -1.41 0.00	66.38 -3.27 10.68	91.07 -5.70 0.00	60.50 -3.59 0.00	38.02 -2.75 0.29	35.19 -2.17 0.00	34.53 -2.09 0.00	32.85 -1.84 0.00	31.19 -1.82 0.00	27.50 -1.66 0.00	29.92 -1.84 0.00	33.27 -2.43 0.00	39.87 -3.19 0.01	53.08 -6.36 0.03	60.17 -8.60 0.03	62.64 -5.02 1.12	45.28 -7.18 1.54	44.88 -3.64 0.03	41.46 -2.18 0.00
INDECK___OSWEGO 23783	46.36 -0.70 0.00	43.74 -0.76 0.00	42.16 -0.73 0.00	42.09 -0.69 0.00	43.87 -0.99 0.00	47.43 -1.11 0.00	68.12 -1.53 0.00	105.19 -2.26 0.00	62.49 -1.60 0.00	39.83 -1.23 0.00	36.57 -0.79 0.00	35.81 -0.81 0.00	33.90 -0.80 0.00	32.25 -0.76 0.00	28.49 -0.67 0.00	31.06 -0.70 0.00	34.88 -0.82 0.00	42.12 -0.95 0.00	58.47 -1.01 0.00	67.78 -1.03 0.00	67.81 -0.96 0.00	53.13 -0.87 0.00	47.68 -0.87 0.00	42.90 -0.74 0.00
INDECK___YERKES 23781	44.19 -2.87 0.00	41.25 -3.25 0.00	40.23 -2.66 0.00	40.16 -2.61 0.00	43.19 -1.66 0.00	45.39 -3.15 0.00	62.97 -6.69 10.41	87.15 -9.88 0.00	58.32 -5.77 0.00	36.02 -4.68 0.36	33.40 -3.96 0.00	32.92 -3.70 0.00	31.33 -3.36 0.00	29.93 -3.07 0.00	26.34 -2.83 0.00	28.87 -2.89 0.00	31.77 -3.93 0.00	37.97 -5.08 0.01	53.00 -6.42 0.05	61.46 -7.30 0.05	60.52 -7.15 1.11	46.38 -6.10 1.52	42.87 -5.63 0.05	39.72 -3.93 0.00
INDIAN POINT_GT_1 24139	49.04 1.98 0.00	46.41 1.91 0.00	44.52 1.63 0.00	44.31 1.54 0.00	46.20 1.35 0.00	50.39 1.84 0.00	72.51 2.86 0.00	112.50 5.05 0.00	67.10 3.01 0.00	47.92 2.55 -4.30	44.80 2.17 -5.28	40.29 2.20 -1.48	37.96 2.12 -1.15	38.10 1.95 -3.15	34.29 1.72 -3.41	35.51 1.87 -1.87	42.01 2.21 -4.09	53.51 2.80 -7.65	67.35 3.81 -4.06	78.90 4.47 -5.62	73.25 4.47 0.00	57.19 3.19 0.00	51.37 2.82 0.00	45.87 2.23 0.00
INDIAN POINT_GT_2 23659	49.04 1.98 0.00	46.41 1.91 0.00	44.52 1.63 0.00	44.31 1.54 0.00	46.20 1.35 0.00	50.39 1.84 0.00	72.51 2.86 0.00	112.50 5.05 0.00	67.10 3.01 0.00	47.92 2.55 -4.30	44.80 2.17 -5.28	40.29 2.20 -1.48	37.96 2.12 -1.15	38.10 1.95 -3.15	34.29 1.72 -3.41	35.51 1.87 -1.87	42.01 2.21 -4.09	53.51 2.80 -7.65	67.35 3.81 -4.06	78.90 4.47 -5.62	73.25 4.47 0.00	57.19 3.19 0.00	51.37 2.82 0.00	45.87 2.23 0.00
INDIAN POINT_GT_3 24019	49.04 1.98 0.00	46.41 1.91 0.00	44.52 1.63 0.00	44.31 1.54 0.00	46.20 1.35 0.00	50.39 1.84 0.00	72.51 2.86 0.00	112.50 5.05 0.00	67.10 3.01 0.00	47.92 2.55 -4.30	44.80 2.17 -5.28	40.29 2.20 -1.48	37.96 2.12 -1.15	38.10 1.95 -3.15	34.29 1.72 -3.41	35.51 1.87 -1.87	42.01 2.21 -4.09	53.51 2.80 -7.65	67.35 3.81 -4.06	78.90 4.47 -5.62	73.25 4.47 0.00	57.19 3.19 0.00	51.37 2.82 0.00	45.87 2.23 0.00
INDIAN POINT___2 23530	48.95 1.88 0.00	46.37 1.87 0.00	44.47 1.59 0.00	44.27 1.50 0.00	46.11 1.25 0.00	50.09 1.55 0.00	72.30 2.65 0.00	112.29 4.84 0.00	66.91 2.82 0.00	48.19 2.46 -4.66	45.20 2.13 -5.71	40.41 2.20 -1.60	38.02 2.08 -1.25	38.33 1.91 -3.42	34.58 1.72 -3.69	35.63 1.84 -2.03	42.31 2.18 -4.43	54.11 2.76 -8.29	67.69 3.81 -4.40	79.31 4.41 -6.09	73.11 4.34 0.00	57.13 3.13 0.00	51.27 2.72 0.00	45.83 2.18 0.00
INDIAN POINT___3 23531	48.95 1.88 0.00	46.37 1.87 0.00	44.47 1.59 0.00	44.27 1.50 0.00	46.15 1.30 0.00	50.29 1.75 0.00	72.44 2.79 0.00	112.29 4.84 0.00	66.98 2.88 0.00	47.76 2.46 -4.23	44.67 2.13 -5.18	40.23 2.16 -1.45	37.87 2.05 -1.13	38.02 1.91 -3.10	34.20 1.69 -3.35	35.44 1.84 -1.84	41.90 2.18 -4.02	53.33 2.76 -7.51	67.22 3.75 -3.99	78.67 4.34 -5.52	73.11 4.33 0.00	57.08 3.08 0.00	51.27 2.72 0.00	45.83 2.18 0.00
INGHAM_C_115KV_TB7 356103	46.55 -0.52 0.00	44.01 -0.49 0.00	42.46 -0.43 0.00	42.39 -0.38 0.00	44.45 -0.40 0.00	48.25 -0.29 0.00	69.38 -0.28 0.00	107.13 -0.32 0.00	63.84 -0.26 0.00	40.86 -0.21 0.00	37.14 -0.22 0.00	36.40 -0.22 0.00	34.45 -0.24 0.00	32.71 -0.30 0.00	28.87 -0.29 0.00	31.41 -0.35 0.00	35.35 -0.36 0.00	42.68 -0.39 0.00	59.12 -0.36 0.00	68.47 -0.34 0.00	68.36 -0.41 0.00	53.57 -0.43 0.00	48.26 -0.29 0.00	43.34 -0.31 0.00
IP CORINTH___1 23988	47.63 0.56 0.00	45.08 0.58 0.00	43.32 0.43 0.00	43.16 0.38 0.00	45.21 0.36 0.00	49.17 0.63 0.00	70.98 1.32 0.00	109.60 2.15 0.00	65.05 0.96 0.00	42.22 0.33 -0.83	39.04 0.67 -1.01	37.52 0.62 -0.28	35.43 0.52 -0.22	34.20 0.59 -0.61	30.23 0.41 -0.65	32.76 0.64 -0.36	37.56 1.07 -0.78	45.13 0.60 -1.46	61.86 1.61 -0.78	72.02 2.13 -1.07	70.77 1.99 0.00	55.46 1.46 0.00	49.91 1.36 0.00	44.30 0.65 0.00
IP___TICONDEROGA 23804	48.43 1.36 0.00	45.83 1.33 0.00	44.00 1.12 0.00	43.80 1.03 0.00	46.06 1.21 0.00	50.19 1.65 0.00	72.65 3.00 0.00	112.07 4.62 0.00	65.89 1.79 0.00	42.27 0.37 -0.83	38.68 0.30 -1.02	37.16 0.26 -0.29	35.02 0.10 -0.22	33.84 0.23 -0.61	29.82 0.00 -0.66	32.41 0.29 -0.36	37.38 0.89 -0.79	45.35 0.82 -1.47	62.94 2.68 -0.78	73.61 3.72 -1.08	72.28 3.51 0.00	56.54 2.54 0.00	50.88 2.33 0.00	44.91 1.27 0.00

ISLIP_RES_REC 323679	50.78 3.72 0.00	47.74 3.25 0.00	45.59 2.70 0.00	45.60 2.82 0.00	47.27 2.42 0.00	51.50 2.96 0.00	76.81 4.25 -2.90	123.87 7.20 -9.22	69.06 3.20 -1.77	49.07 4.15 -3.86	46.24 4.15 -4.74	42.09 4.14 -1.33	39.65 3.92 -1.04	39.53 3.70 -2.84	35.52 3.29 -3.06	37.03 3.59 -1.68	44.93 4.18 -5.05	55.81 5.17 -7.58	74.12 6.90 -7.74	85.10 7.57 -8.72	79.56 7.77 -3.01	66.00 5.94 -6.06	57.03 5.34 -3.14	53.94 4.72 -5.58	
JAMAICA__27_KV_LOAD 355505	49.42 2.35 0.00	46.81 2.31 0.00	44.82 1.93 0.00	44.57 1.80 0.00	46.47 1.61 0.00	50.82 2.28 0.00	73.56 3.90 0.00	114.33 6.88 0.00	68.19 4.10 0.00	48.26 3.33 -3.86	44.90 2.80 -4.74	40.80 2.86 -1.33	38.40 2.67 -1.03	38.34 2.51 -2.83	34.38 2.16 -3.06	35.79 2.35 -1.68	42.16 2.78 -3.67	53.59 3.66 -6.86	67.88 4.76 -3.65	79.50 5.64 -5.04	74.42 5.64 0.00	57.78 3.78 0.00	51.81 3.25 0.00	46.09 2.44 0.00	
JANIS__SOLAR 323808	49.18 2.12 0.00	46.32 1.83 0.00	44.65 1.76 0.00	44.65 1.88 0.00	47.14 2.29 0.00	51.06 2.52 0.00	73.62 3.97 0.00	113.57 6.12 0.00	66.66 2.57 0.00	40.58 0.66 1.14	36.25 0.37 1.49	36.35 0.15 0.42	34.51 0.14 0.32	32.15 0.03 0.89	28.15 -0.06 0.96	31.25 0.06 0.58	34.83 0.39 1.27	41.68 0.99 2.37	60.54 2.32 1.26	70.17 3.10 1.74	72.14 3.37 0.00	56.10 2.10 0.00	50.44 1.89 0.00	45.44 1.79 0.00	
JARVIS____ 23743	47.11 0.05 0.00	44.54 0.04 0.00	42.93 0.04 0.00	42.82 0.04 0.00	44.85 0.00 0.00	48.54 0.00 0.00	69.80 0.14 0.00	107.67 0.22 0.00	64.22 0.13 0.00	41.15 0.08 0.00	37.43 0.07 0.00	36.69 0.07 0.00	34.76 0.07 0.00	33.04 0.03 0.00	29.19 0.03 0.00	31.79 0.03 0.00	35.77 0.07 0.00	43.19 0.13 0.00	59.72 0.24 0.00	69.09 0.28 0.00	69.05 0.28 0.00	54.16 0.16 0.00	48.70 0.15 0.00	43.73 0.09 0.00	
JENNISON__1 23625	48.95 1.88 0.00	46.19 1.69 0.00	44.47 1.59 0.00	44.48 1.71 0.00	46.78 1.93 0.00	50.63 2.09 0.00	73.21 3.55 0.00	113.47 6.02 0.00	67.10 3.01 0.00	40.69 1.40 1.77	36.27 1.08 2.17	36.96 0.95 0.61	35.16 0.94 0.47	32.46 0.76 1.30	28.35 0.58 1.40	31.55 0.67 0.88	34.74 0.96 1.93	41.01 1.55 3.60	60.06 2.50 1.91	69.54 3.37 2.65	72.15 3.37 0.00	56.05 2.05 0.00	50.40 1.85 0.00	45.43 1.79 0.00	
JENNISON__2 23626	48.95 1.88 0.00	46.19 1.69 0.00	44.47 1.59 0.00	44.48 1.71 0.00	46.78 1.93 0.00	50.63 2.09 0.00	73.21 3.55 0.00	113.47 6.02 0.00	67.10 3.01 0.00	40.69 1.40 1.77	36.27 1.08 2.17	36.96 0.95 0.61	35.16 0.94 0.47	32.46 0.76 1.30	28.35 0.58 1.40	31.55 0.67 0.88	34.74 0.96 1.93	41.01 1.55 3.60	60.06 2.50 1.91	69.54 3.37 2.65	72.15 3.37 0.00	56.05 2.05 0.00	50.40 1.85 0.00	45.43 1.79 0.00	
JERICHO_RISE_WT_PWR 323719	46.97 -0.09 0.00	44.54 0.04 0.00	42.89 0.00 0.00	42.86 0.09 0.00	45.08 0.23 0.00	48.88 0.34 0.00	69.94 0.28 0.00	107.34 -0.11 0.00	64.09 0.00 0.00	41.02 -0.04 0.00	37.40 0.04 0.00	36.54 -0.07 0.00	34.59 -0.10 0.00	32.87 -0.13 0.00	28.99 -0.17 0.00	31.38 -0.38 0.00	35.20 -0.50 0.00	42.24 -0.82 0.00	57.57 -1.91 0.00	66.47 -2.34 0.00	66.30 -2.47 0.00	52.49 -1.51 0.00	47.14 -1.41 0.00	42.60 -1.05 0.00	
KATONAH__115KV_46KV_TB4 355592	49.37 2.31 0.00	46.77 2.27 0.00	44.82 1.93 0.00	44.61 1.84 0.00	46.56 1.70 0.00	50.77 2.23 0.00	73.21 3.55 0.00	113.68 6.23 0.00	67.81 3.72 0.00	46.97 2.79 -3.11	43.53 2.35 -3.81	40.10 2.42 -1.07	37.81 2.29 -0.83	37.39 2.11 -2.28	33.49 1.87 -2.46	35.14 2.03 -1.35	41.01 2.36 -2.95	51.55 2.97 -5.51	66.63 4.22 -2.93	77.82 4.95 -4.05	73.86 5.09 0.00	57.56 3.56 0.00	51.66 3.11 0.00	46.18 2.53 0.00	
KCE_NY_1 323755	48.38 1.32 0.00	45.83 1.33 0.00	44.09 1.20 0.00	43.93 1.16 0.00	45.97 1.12 0.00	49.80 1.26 0.00	71.82 2.16 0.00	110.89 3.44 0.00	66.01 1.92 0.00	42.93 1.03 -0.84	38.95 0.56 -1.03	37.38 0.47 -0.29	35.37 0.45 -0.22	34.11 0.50 -0.61	30.21 0.38 -0.66	32.70 0.57 -0.36	37.42 0.93 -0.79	45.93 1.38 -1.48	62.71 2.44 -0.79	72.86 2.96 -1.09	71.60 2.82 0.00	56.22 2.21 0.00	50.59 2.04 0.00	45.08 1.44 0.00	
KCE_NY_6_ESR 323823	44.29 -2.78 0.00	41.25 -3.25 0.00	40.27 -2.62 0.00	40.16 -2.61 0.00	43.19 -1.66 0.00	45.48 -3.06 0.00	63.11 -6.55 0.00	85.43 -9.67 12.35	58.39 -5.70 0.00	36.08 -4.56 0.42	33.55 -3.81 0.00	33.10 -3.52 0.00	31.47 -3.23 0.00	30.03 -2.97 0.00	26.42 -2.74 0.00	30.03 -2.83 0.00	26.42 -2.83 0.00	28.94 -3.82 0.01	31.88 -4.99 0.04	38.06 -6.42 0.04	53.01 -7.22 0.02	61.54 -7.08 1.29	60.40 -6.05 1.78	46.17 -5.54 0.04	42.97 -3.84 0.00
KEDC_PORT_JEFF_GT2 24210	50.50 3.43 0.00	47.48 2.98 0.00	45.37 2.49 0.00	45.38 2.61 0.00	47.05 2.20 0.00	51.21 2.67 0.00	76.22 3.76 -2.80	122.70 6.34 -8.91	68.55 2.75 -1.71	48.83 3.90 -3.86	46.02 3.92 -4.74	41.83 3.88 -1.33	39.45 3.71 -1.04	39.33 3.50 -2.84	35.35 3.12 -3.06	36.85 3.40 -1.68	44.72 3.96 -5.05	55.51 4.86 -7.58	74.17 6.43 -8.26	84.43 7.02 -8.60	78.90 7.22 -2.91	66.74 5.51 -7.23	56.63 4.95 -3.12	53.60 4.41 -5.55	
KEDC_PORT_JEFF_GT3 24211	50.50 3.43 0.00	47.48 2.98 0.00	45.37 2.49 0.00	45.38 2.61 0.00	47.05 2.20 0.00	51.21 2.67 0.00	76.22 3.76 -2.80	122.70 6.34 -8.91	68.55 2.75 -1.71	48.83 3.90 -3.86	46.02 3.92 -4.74	41.83 3.88 -1.33	39.45 3.71 -1.04	39.33 3.50 -2.84	35.35 3.12 -3.06	36.85 3.40 -1.68	44.72 3.96 -5.05	55.51 4.86 -7.58	74.17 6.43 -8.26	84.43 7.02 -8.60	78.90 7.22 -2.91	66.74 5.51 -7.23	56.63 4.95 -3.12	53.60 4.41 -5.55	
KEDC_GLWD_GT4 24219	49.84 2.78 0.00	47.03 2.54 0.00	45.03 2.14 0.00	44.87 2.10 0.00	46.74 1.88 0.00	50.82 2.28 0.00	72.65 2.99 0.00	112.71 5.26 0.00	66.85 2.75 0.00	48.25 3.32 -3.86	45.09 2.99 -4.74	40.99 3.04 -1.34	38.62 2.88 -1.04	38.55 2.71 -2.84	34.65 2.42 -3.07	36.02 2.57 -1.69	43.76 2.96 -5.09	54.64 3.66 -7.91	67.77 4.64 -3.65	79.23 5.37 -5.05	74.09 5.30 -0.01	58.69 4.05 -0.64	56.79 3.64 -4.60	54.95 3.10 -8.20	
KEDC_GLWD_GTS 24220	49.84 2.78 0.00	47.03 2.54 0.00	45.03 2.14 0.00	44.87 2.10 0.00	46.74 1.88 0.00	50.82 2.28 0.00	72.65 2.99 0.00	112.71 5.26 0.00	66.85 2.75 0.00	48.25 3.32 -3.86	45.09 2.99 -4.74	40.99 3.04 -1.34	38.62 2.88 -1.04	38.55 2.71 -2.84	34.65 2.42 -3.07	36.02 2.57 -1.69	43.76 2.96 -5.09	54.64 3.66 -7.91	67.77 4.64 -3.65	79.23 5.37 -5.05	74.09 5.30 -0.01	58.69 4.05 -0.64	56.79 3.64 -4.60	54.95 3.10 -8.20	
KENSICO____ 23655	49.13 2.07 0.00	46.54 2.05 0.00	44.65 1.76 0.00	44.44 1.67 0.00	46.33 1.48 0.00	50.48 1.94 0.00	72.72 3.06 0.00	112.82 5.37 0.00	67.30 3.20 0.00	47.71 2.71 -3.94	44.50 2.32 -4.83	40.35 2.38 -1.35	38.00 2.26 -1.05	37.97 2.08 -2.89	34.15 1.87 -3.12	35.47 2.00 -1.71	41.80 2.36 -3.74	53.03 2.97 -7.00	67.24 4.04 -3.72	78.63 4.68 -5.14	73.52 4.75 0.00	57.35 3.35 0.00	51.51 2.96 0.00	46.05 2.40 0.00	

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	49.65 2.59 0.00	46.99 2.49 0.00	45.07 2.19 0.00	44.91 2.14 0.00	46.87 2.02 0.00	51.16 2.62 0.00	73.77 4.11 0.00	114.33 6.88 0.00	67.94 3.85 0.00	43.49 2.42 0.00	39.23 1.87 0.00	38.45 1.83 0.00	36.36 1.67 0.00	34.46 1.45 0.00	30.45 1.28 0.00	33.16 1.40 0.00	37.49 1.79 0.00	45.56 2.50 0.00	63.34 3.87 0.00	73.49 4.68 0.00	73.93 5.16 0.00	57.62 3.62 0.00	51.66 3.11 0.00	46.18 2.53 0.00
KIAC_JFK_GT1 23816	49.13 2.07 0.00	46.54 2.05 0.00	44.56 1.67 0.00	44.31 1.54 0.00	46.20 1.35 0.00	50.48 1.94 0.00	73.07 3.41 0.00	113.57 6.12 0.00	67.74 3.65 0.00	47.97 3.04 -3.86	44.67 2.58 -4.74	40.58 2.64 -1.33	38.19 2.46 -1.03	38.14 2.31 -2.83	34.24 2.01 -3.06	35.60 2.16 -1.68	41.98 2.61 -3.67	53.29 3.36 -6.86	67.47 4.34 -3.65	79.01 5.16 -5.04	73.93 5.16 0.00	57.46 3.46 0.00	51.47 2.91 0.00	45.83 2.18 0.00
KIAC_JFK_GT2 23817	49.13 2.07 0.00	46.54 2.05 0.00	44.56 1.67 0.00	44.31 1.54 0.00	46.20 1.35 0.00	50.48 1.94 0.00	73.07 3.41 0.00	113.57 6.12 0.00	67.74 3.65 0.00	47.97 3.04 -3.86	44.67 2.58 -4.74	40.58 2.64 -1.33	38.19 2.46 -1.03	38.14 2.31 -2.83	34.24 2.01 -3.06	35.60 2.16 -1.68	41.98 2.61 -3.67	53.29 3.36 -6.86	67.47 4.34 -3.65	79.01 5.16 -5.04	73.93 5.16 0.00	57.46 3.46 0.00	51.47 2.91 0.00	45.83 2.18 0.00
KIAC_JFK____ 323774	49.13 2.07 0.00	46.54 2.05 0.00	44.56 1.67 0.00	44.31 1.54 0.00	46.15 1.30 0.00	50.29 1.74 0.00	73.00 3.34 0.00	113.57 6.12 0.00	67.68 3.59 0.00	47.97 3.04 -3.86	44.71 2.61 -4.74	40.58 2.64 -1.33	38.19 2.46 -1.03	38.14 2.31 -2.83	34.26 2.04 -3.06	35.60 2.16 -1.68	41.98 2.60 -3.67	53.29 3.36 -6.86	67.59 4.46 -3.65	79.02 5.16 -5.04	73.94 5.16 0.00	57.51 3.51 0.00	51.42 2.86 0.00	45.83 2.18 0.00
KINTIGH_24_KV_GSU 356498	43.91 -3.15 0.00	40.89 -3.60 0.00	39.76 -3.13 0.00	39.69 -3.08 0.00	42.61 -2.24 0.00	45.05 -3.50 0.00	62.62 -7.03 0.00	86.59 -10.42 10.44	57.94 -6.15 0.00	36.26 -4.56 0.24	33.59 -3.77 0.00	33.10 -3.52 0.00	31.43 -3.26 0.00	30.00 -3.00 0.00	26.42 -2.74 0.00	28.90 -2.86 0.00	31.92 -3.79 0.00	38.11 -4.95 0.01	53.25 -6.19 0.04	61.89 -6.88 0.04	60.46 -7.22 1.10	46.82 -5.67 1.51	42.93 -5.58 0.04	39.59 -4.06 0.00
KINTIGH____ 23543	43.91 -3.15 0.00	40.89 -3.60 0.00	39.76 -3.13 0.00	39.65 -3.12 0.00	42.48 -2.38 0.00	44.17 -4.37 0.00	62.55 -7.10 0.00	86.48 -10.53 10.44	57.94 -6.15 0.00	36.26 -4.56 0.24	33.44 -3.92 0.00	32.88 -3.73 0.00	31.33 -3.37 0.00	29.87 -3.14 0.00	26.42 -2.74 0.00	28.87 -2.89 0.00	31.92 -3.78 0.00	38.10 -4.95 0.01	53.43 -6.01 0.04	61.48 -7.29 0.04	60.39 -7.29 1.10	46.88 -5.62 1.51	43.17 -5.34 0.04	39.59 -4.06 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	47.77 0.71 0.00	45.25 0.76 0.00	43.57 0.69 0.00	43.59 0.81 0.00	45.93 1.08 0.00	49.71 1.16 0.00	71.26 1.60 0.00	109.38 1.93 0.00	65.18 1.09 0.00	41.64 0.57 0.00	37.88 0.52 0.00	37.02 0.40 0.00	35.08 0.38 0.00	33.33 0.33 0.00	29.40 0.23 0.00	31.83 0.06 0.00	35.77 0.07 0.00	42.89 -0.17 0.00	58.65 -0.83 0.00	67.78 -1.03 0.00	67.47 -1.31 0.00	53.73 -0.27 0.00	47.92 -0.63 0.00	43.38 -0.26 0.00
LACHUTE__HYDRO 323717	48.43 1.37 0.00	45.83 1.33 0.00	44.00 1.11 0.00	43.80 1.02 0.00	46.02 1.16 0.00	50.09 1.55 0.00	72.65 2.99 0.00	112.07 4.62 0.00	65.88 1.79 0.00	42.22 0.33 -0.83	37.82 -0.56 -1.02	36.31 -0.59 -0.29	34.26 -0.66 -0.22	33.12 -0.49 -0.61	29.18 -0.64 -0.66	31.68 -0.44 -0.36	36.60 0.11 -0.79	45.27 0.73 -1.47	62.94 2.68 -0.78	73.60 3.71 -1.08	72.28 3.51 0.00	56.59 2.59 0.00	50.88 2.33 0.00	44.91 1.27 0.00
LAWRNCV_115KV_TB1 80681	46.26 -0.80 0.00	43.87 -0.62 0.00	42.24 -0.64 0.00	42.30 -0.47 0.00	44.54 -0.31 0.00	48.30 -0.24 0.00	69.24 -0.42 0.00	106.05 -1.40 0.00	63.00 -1.09 0.00	40.16 -0.90 0.00	36.50 -0.86 0.00	35.66 -0.95 0.00	33.79 -0.90 0.00	32.14 -0.86 0.00	28.32 -0.85 0.00	30.71 -1.05 0.00	34.63 -1.07 0.00	41.64 -1.42 0.00	57.04 -2.44 0.00	66.19 -2.61 0.00	65.96 -2.82 0.00	52.65 -1.35 0.00	47.05 -1.51 0.00	42.55 -1.09 0.00
LEDERLE____ 23769	49.13 2.07 0.00	46.50 2.00 0.00	44.60 1.72 0.00	44.44 1.67 0.00	46.29 1.44 0.00	50.48 1.94 0.00	72.65 3.00 0.00	112.61 5.16 0.00	67.17 3.08 0.00	49.58 2.55 -5.97	46.84 2.17 -7.32	40.86 2.20 -2.05	38.37 2.08 -1.60	39.33 1.95 -4.38	35.64 1.75 -4.73	36.23 1.87 -2.60	43.64 2.25 -5.68	56.53 2.84 -10.62	69.05 3.93 -5.64	81.23 4.61 -7.81	73.31 4.54 0.00	57.24 3.24 0.00	51.42 2.86 0.00	45.92 2.27 0.00
LIGHTHSE_115KV_TB6 355974	46.73 -0.33 0.00	44.05 -0.44 0.00	42.54 -0.34 0.00	42.60 -0.17 0.00	44.63 -0.22 0.00	48.40 -0.15 0.00	70.07 0.42 0.00	107.88 0.43 0.00	63.64 -0.45 0.00	40.00 -1.07 0.00	36.46 -0.90 0.00	35.48 -1.14 0.00	33.58 -1.11 0.00	31.88 -1.12 0.00	28.11 -1.05 0.00	30.65 -1.11 0.00	34.67 -1.04 0.00	42.07 -0.99 0.00	58.76 -0.71 0.00	68.47 -0.34 0.00	68.36 -0.41 0.00	53.57 -0.43 0.00	48.02 -0.53 0.00	43.21 -0.44 0.00
LINDEN COGEN____ 23786	49.17 2.12 0.01	46.58 2.09 0.01	44.64 1.76 0.01	44.43 1.67 0.01	46.28 1.43 0.01	50.28 1.74 0.01	72.71 3.06 0.01	113.13 5.69 0.01	67.48 3.39 0.01	47.92 3.00 -3.86	44.66 2.58 -4.73	40.57 2.64 -1.32	38.22 2.50 -1.02	38.14 2.31 -2.82	34.26 2.04 -3.05	35.62 2.19 -1.67	41.90 2.54 -3.66	53.15 3.23 -6.86	67.40 4.28 -3.64	78.81 4.96 -5.04	73.65 4.88 0.01	57.45 3.46 0.01	51.56 3.01 0.01	46.08 2.44 0.01
LINDHRST_69_KV_BK1 356055	50.69 3.62 0.00	47.66 3.16 0.00	45.55 2.66 0.00	45.47 2.69 0.00	47.28 2.42 0.00	51.79 3.25 0.00	74.48 4.11 -0.72	116.49 6.77 -2.27	67.73 3.20 -0.44	48.91 3.98 -3.86	45.80 3.70 -4.74	41.65 3.70 -1.34	39.24 3.50 -1.04	39.14 3.30 -2.84	35.17 2.95 -3.06	36.66 3.21 -1.68	44.48 3.71 -5.06	55.32 4.61 -7.65	69.96 6.19 -4.30	81.92 7.16 -5.95	76.75 7.22 -0.75	60.38 5.29 -1.09	56.77 4.76 -3.46	53.96 4.15 -6.17
LIPA_MISC_IPP 23656	50.31 3.25 0.00	47.30 2.80 0.00	45.16 2.27 0.00	45.25 2.48 0.00	46.83 1.97 0.00	51.40 2.86 0.00	76.67 3.55 -3.46	124.36 5.91 -11.00	68.70 2.50 -2.11	48.74 3.82 -3.86	46.06 3.96 -4.74	41.90 3.95 -1.33	39.51 3.78 -1.04	39.44 3.60 -2.84	35.41 3.18 -3.06	36.91 3.46 -1.68	44.79 4.03 -5.05	55.63 5.00 -7.57	73.73 6.30 -7.95	84.99 6.74 -9.43	79.52 7.15 -3.59	65.89 5.62 -6.28	56.81 5.15 -3.11	53.71 4.54 -5.53
LISF__SOLAR 323691	50.36 3.29 0.00	47.35 2.85 0.00	45.24 2.36 0.00	45.34 2.57 0.00	46.92 2.06 0.00	51.11 2.57 0.00	76.63 3.62 -3.35	124.32 6.23 -10.64	68.70 2.57 -2.04	48.74 3.82 -3.86	46.17 4.07 -4.74	41.98 4.03 -1.33	39.58 3.85 -1.04	39.50 3.66 -2.84	35.46 3.24 -3.06	36.97 3.53 -1.68	44.90 4.14 -5.05	55.76 5.12 -7.57	73.99 6.54 -7.96	85.05 6.95 -9.29	79.54 7.29 -3.47	66.24 5.89 -6.35	56.96 5.29 -3.11	53.85 4.67 -5.54

LITTLE FALLS___HYD 24013	46.55 -0.52 0.00	44.01 -0.49 0.00	42.46 -0.43 0.00	42.39 -0.38 0.00	44.45 -0.40 0.00	48.25 -0.29 0.00	69.38 -0.28 0.00	107.13 -0.32 0.00	63.84 -0.26 0.00	40.86 -0.21 0.00	37.14 -0.22 0.00	36.40 -0.22 0.00	34.45 -0.24 0.00	32.71 -0.30 0.00	28.87 -0.29 0.00	31.41 -0.35 0.00	35.35 -0.36 0.00	42.68 -0.39 0.00	59.12 -0.36 0.00	68.47 -0.34 0.00	68.36 -0.41 0.00	53.57 -0.43 0.00	48.26 -0.29 0.00	43.34 -0.31 0.00
LITTLRIV_115KV_TB1 356100	46.83 -0.24 0.00	44.36 -0.13 0.00	42.72 -0.17 0.00	42.82 0.04 0.00	45.12 0.27 0.00	48.98 0.44 0.00	70.21 0.56 0.00	107.34 -0.11 0.00	63.51 -0.58 0.00	40.33 -0.74 0.00	36.61 -0.75 0.00	35.77 -0.84 0.00	33.90 -0.80 0.00	32.24 -0.76 0.00	28.43 -0.73 0.00	30.81 -0.95 0.00	34.81 -0.89 0.00	41.94 -1.12 0.00	57.58 -1.90 0.00	66.95 -1.86 0.00	66.71 -2.06 0.00	53.24 -0.76 0.00	47.58 -0.97 0.00	43.08 -0.57 0.00
LI_NEWBRDGE___DRP 323616	49.65 2.59 0.00	46.77 2.27 0.00	44.73 1.84 0.00	44.61 1.84 0.00	46.38 1.53 0.00	50.77 2.23 0.00	72.30 2.65 0.00	111.96 4.51 0.00	66.21 2.12 0.00	48.08 3.16 -3.86	45.01 2.91 -4.74	40.88 2.93 -1.33	38.51 2.78 -1.04	38.48 2.64 -2.83	34.56 2.33 -3.06	35.92 2.48 -1.68	43.57 2.82 -5.05	54.08 3.49 -7.53	67.77 4.64 -3.65	79.22 5.37 -5.04	74.15 5.36 -0.01	58.24 3.83 -0.40	55.00 3.50 -2.95	51.88 2.97 -5.26
LOCKPORT_115KV_TB60_63_64 80432	43.30 -3.77 0.00	40.45 -4.05 0.00	39.33 -3.56 0.00	39.35 -3.42 0.00	42.12 -2.74 0.00	43.40 -5.15 0.00	61.44 -8.22 0.00	86.62 -12.36 8.47	56.85 -7.24 0.00	35.26 -5.50 0.30	32.58 -4.78 0.00	32.04 -4.58 0.00	30.57 -4.13 0.00	29.14 -3.86 0.00	25.78 -3.38 0.00	28.24 -3.53 0.00	31.13 -4.57 0.00	37.16 -5.90 0.01	51.92 -7.49 0.06	59.87 -8.88 0.06	59.12 -8.73 0.92	45.67 -7.07 1.25	42.08 -6.41 0.06	38.89 -4.76 0.00
LOCKPORT___CC1 323769	43.30 -3.77 0.00	40.40 -4.09 0.00	39.33 -3.56 0.00	39.31 -3.46 0.00	42.25 -2.60 0.00	44.41 -4.13 0.00	61.44 -8.22 0.00	85.87 -12.46 9.11	56.78 -7.31 0.00	35.24 -5.50 0.32	32.73 -4.63 0.00	32.29 -4.32 0.00	30.71 -3.99 0.00	29.31 -3.70 0.00	25.78 -3.38 0.00	28.27 -3.49 0.00	31.13 -4.57 0.00	37.11 -5.94 0.01	51.81 -7.61 0.06	60.08 -8.67 0.06	59.06 -8.74 0.98	45.53 -7.13 1.34	41.89 -6.60 0.06	38.84 -4.80 0.00
LOCKPORT___CC2 323770	43.30 -3.77 0.00	40.40 -4.09 0.00	39.33 -3.56 0.00	39.31 -3.46 0.00	42.25 -2.60 0.00	44.41 -4.13 0.00	61.44 -8.22 0.00	85.87 -12.46 9.11	56.78 -7.31 0.00	35.24 -5.50 0.32	32.73 -4.63 0.00	32.29 -4.32 0.00	30.71 -3.99 0.00	29.31 -3.70 0.00	25.78 -3.38 0.00	28.27 -3.49 0.00	31.13 -4.57 0.00	37.11 -5.94 0.01	51.81 -7.61 0.06	60.08 -8.67 0.06	59.06 -8.74 0.98	45.53 -7.13 1.34	41.89 -6.60 0.06	38.84 -4.80 0.00
LOCKPORT___CC3 323771	43.30 -3.77 0.00	40.40 -4.09 0.00	39.33 -3.56 0.00	39.31 -3.46 0.00	42.25 -2.60 0.00	44.41 -4.13 0.00	61.44 -8.22 0.00	85.87 -12.46 9.11	56.78 -7.31 0.00	35.24 -5.50 0.32	32.73 -4.63 0.00	32.29 -4.32 0.00	30.71 -3.99 0.00	29.31 -3.70 0.00	25.78 -3.38 0.00	28.27 -3.49 0.00	31.13 -4.57 0.00	37.11 -5.94 0.01	51.81 -7.61 0.06	60.08 -8.67 0.06	59.06 -8.74 0.98	45.53 -7.13 1.34	41.89 -6.60 0.06	38.84 -4.80 0.00
LOCUSVLY_69_KV_BK2 55797	50.03 2.96 0.00	47.21 2.71 0.00	45.16 2.27 0.00	45.00 2.22 0.00	46.83 1.97 0.00	51.26 2.72 0.00	72.23 3.34 0.77	110.70 5.69 2.44	66.51 2.88 0.47	48.45 3.53 -3.86	45.31 3.21 -4.74	41.17 3.22 -1.34	38.79 3.05 -1.04	38.75 2.90 -2.84	34.80 2.57 -3.07	36.21 2.76 -1.69	43.96 3.18 -5.08	54.80 3.92 -7.82	67.71 5.12 -3.12	78.80 5.92 -4.07	73.91 5.91 0.78	58.77 4.32 -0.45	56.69 3.93 -4.21	54.51 3.36 -7.50
LONG_LAKE_PHOENIX 24014	46.50 -0.56 0.00	43.83 -0.67 0.00	42.29 -0.60 0.00	42.17 -0.60 0.00	44.27 -0.58 0.00	47.81 -0.73 0.00	68.68 -0.98 0.00	106.27 -1.18 0.00	63.13 -0.96 0.00	40.20 -0.86 0.00	36.69 -0.67 0.00	35.92 -0.70 0.00	34.03 -0.66 0.00	32.38 -0.63 0.00	28.61 -0.55 0.00	31.19 -0.57 0.00	35.02 -0.68 0.00	42.29 -0.78 0.00	58.65 -0.83 0.00	67.92 -0.89 0.00	68.02 -0.76 0.00	53.24 -0.76 0.00	47.78 -0.78 0.00	42.99 -0.65 0.00
LOVETT___3 23632	48.90 1.84 0.00	46.32 1.82 0.00	44.43 1.54 0.00	44.23 1.45 0.00	46.11 1.26 0.00	50.24 1.70 0.00	72.30 2.65 0.00	112.07 4.62 0.00	66.85 2.76 0.00	48.71 2.42 -5.22	45.85 2.09 -6.40	40.53 2.12 -1.79	38.10 2.01 -1.39	38.71 1.88 -3.82	34.96 1.66 -4.13	35.84 1.81 -2.27	42.77 2.11 -4.97	55.01 2.67 -9.28	68.04 3.63 -4.93	79.89 4.27 -6.82	73.04 4.26 0.00	57.02 3.02 0.00	51.22 2.67 0.00	45.78 2.14 0.00
LOVETT___4 23642	48.90 1.84 0.00	46.32 1.82 0.00	44.43 1.54 0.00	44.23 1.45 0.00	46.11 1.26 0.00	50.24 1.70 0.00	72.30 2.65 0.00	112.07 4.62 0.00	66.85 2.76 0.00	48.71 2.42 -5.22	45.85 2.09 -6.40	40.53 2.12 -1.79	38.10 2.01 -1.39	38.71 1.88 -3.82	34.96 1.66 -4.13	35.84 1.81 -2.27	42.77 2.11 -4.97	55.01 2.67 -9.28	68.04 3.63 -4.93	79.89 4.27 -6.82	73.04 4.26 0.00	57.02 3.02 0.00	51.22 2.67 0.00	45.78 2.14 0.00
LOVETT___5 23593	48.90 1.84 0.00	46.32 1.82 0.00	44.43 1.54 0.00	44.23 1.45 0.00	46.11 1.26 0.00	50.24 1.70 0.00	72.30 2.65 0.00	112.07 4.62 0.00	66.85 2.76 0.00	48.71 2.42 -5.22	45.85 2.09 -6.40	40.53 2.12 -1.79	38.10 2.01 -1.39	38.71 1.88 -3.82	34.96 1.66 -4.13	35.84 1.81 -2.27	42.77 2.11 -4.97	55.01 2.67 -9.28	68.04 3.63 -4.93	79.89 4.27 -6.82	73.04 4.26 0.00	57.02 3.02 0.00	51.22 2.67 0.00	45.78 2.14 0.00
LOWER RAQUET___HYD 24057	46.03 -1.04 0.00	43.61 -0.89 0.00	42.03 -0.86 0.00	42.09 -0.69 0.00	44.32 -0.54 0.00	48.06 -0.49 0.00	68.96 -0.70 0.00	105.62 -1.83 0.00	62.68 -1.41 0.00	39.92 -1.15 0.00	36.31 -1.05 0.00	35.44 -1.17 0.00	33.58 -1.11 0.00	31.91 -1.09 0.00	28.12 -1.05 0.00	30.49 -1.27 0.00	34.42 -1.28 0.00	41.43 -1.64 0.00	56.57 -2.91 0.00	65.65 -3.16 0.00	65.54 -3.23 0.00	52.11 -1.89 0.00	46.81 -1.75 0.00	42.34 -1.31 0.00
LOWER___HUDSON 24059	47.72 0.66 0.00	45.25 0.76 0.00	43.66 0.77 0.00	43.46 0.68 0.00	45.35 0.49 0.00	49.13 0.58 0.00	70.77 1.11 0.00	109.06 1.61 0.00	65.25 1.15 0.00	42.88 0.90 -0.92	39.12 0.63 -1.12	37.51 0.58 -0.31	35.49 0.55 -0.24	34.23 0.56 -0.67	30.41 0.53 -0.73	32.89 0.73 -0.40	37.57 1.00 -0.87	45.93 1.25 -1.62	62.24 1.90 -0.86	72.20 2.20 -1.19	70.84 2.06 0.00	55.73 1.73 0.00	50.15 1.60 0.00	44.74 1.09 0.00
LOWVILLE_115KV_TB2 356335	47.16 0.09 0.00	44.59 0.09 0.00	43.23 0.34 0.00	43.37 0.60 0.00	45.75 0.90 0.00	49.66 1.12 0.00	71.89 2.23 0.00	110.46 3.01 0.00	65.12 1.03 0.00	41.11 0.04 0.00	37.25 -0.11 0.00	36.32 -0.29 0.00	34.38 -0.31 0.00	32.64 -0.36 0.00	28.58 -0.58 0.00	30.94 -0.83 0.00	34.99 -0.71 0.00	42.37 -0.69 0.00	58.82 -0.65 0.00	68.47 -0.34 0.00	68.23 -0.55 0.00	53.57 -0.43 0.00	48.16 -0.39 0.00	43.51 -0.13 0.00

LUTHERFT_115KV_GLOB_FND_222 355753	48.33 1.27 0.00	45.79 1.29 0.00	44.09 1.20 0.00	43.89 1.11 0.00	45.97 1.12 0.00	49.90 1.36 0.00	71.82 2.16 0.00	110.78 3.33 0.00	65.95 1.86 0.00	42.93 1.03 -0.84	39.21 0.82 -1.03	37.67 0.77 -0.29	35.61 0.69 -0.22	34.34 0.73 -0.61	30.41 0.58 -0.66	32.95 0.83 -0.36	37.67 1.18 -0.79	45.93 1.38 -1.48	62.65 2.38 -0.79	72.79 2.89 -1.09	71.60 2.82 0.00	56.16 2.16 0.00	50.59 2.04 0.00	45.04 1.40 0.00
LUTHERNY_35_KV_BK2 355980	48.38 1.32 0.00	45.83 1.33 0.00	44.09 1.20 0.00	43.93 1.15 0.00	45.97 1.12 0.00	49.90 1.36 0.00	71.89 2.23 0.00	110.89 3.44 0.00	65.95 1.86 0.00	42.97 1.07 -0.84	39.25 0.86 -1.03	37.67 0.77 -0.29	35.61 0.69 -0.22	34.38 0.76 -0.61	30.41 0.58 -0.66	32.95 0.83 -0.36	37.67 1.18 -0.79	45.93 1.38 -1.48	62.71 2.44 -0.79	72.86 2.96 -1.09	71.66 2.89 0.00	56.16 2.16 0.00	50.59 2.04 0.00	45.09 1.44 0.00
LWR__OSWEGATCHIE_HYD 23850	46.22 -0.85 0.00	43.74 -0.76 0.00	42.24 -0.64 0.00	42.39 -0.38 0.00	44.63 -0.22 0.00	48.49 -0.05 0.00	69.94 0.28 0.00	107.24 -0.21 0.00	63.32 -0.77 0.00	40.08 -0.99 0.00	36.39 -0.97 0.00	35.52 -1.10 0.00	33.62 -1.08 0.00	31.95 -1.06 0.00	28.06 -1.11 0.00	30.40 -1.37 0.00	34.38 -1.32 0.00	41.51 -1.55 0.00	57.40 -2.08 0.00	66.75 -2.06 0.00	66.51 -2.27 0.00	52.65 -1.35 0.00	47.19 -1.36 0.00	42.64 -1.00 0.00
LYONS_FALL_HYD 23570	47.49 0.42 0.00	44.85 0.35 0.00	43.40 0.52 0.00	43.46 0.68 0.00	45.75 0.90 0.00	49.66 1.12 0.00	71.82 2.16 0.00	110.45 3.00 0.00	65.31 1.21 0.00	41.31 0.25 0.00	37.55 0.19 0.00	36.61 0.00 0.00	34.66 -0.03 0.00	32.90 -0.10 0.00	28.90 -0.26 0.00	31.38 -0.38 0.00	35.45 -0.25 0.00	42.89 -0.17 0.00	59.54 0.06 0.00	69.23 0.42 0.00	69.05 0.28 0.00	54.16 0.16 0.00	48.70 0.15 0.00	43.91 0.26 0.00
MADISON__COUNTY_LFGE 323628	48.24 1.18 0.00	45.52 1.02 0.00	43.92 1.03 0.00	43.89 1.11 0.00	46.11 1.26 0.00	49.95 1.41 0.00	72.09 2.44 0.00	111.10 3.65 0.00	65.89 1.79 0.00	41.80 0.74 0.00	37.96 0.60 0.00	37.09 0.48 0.00	35.14 0.45 0.00	33.37 0.36 0.00	29.43 0.26 0.00	32.05 0.29 0.00	36.17 0.46 0.00	43.80 0.73 0.00	60.91 1.43 0.00	70.67 1.86 0.00	70.63 1.86 0.00	55.24 1.24 0.00	49.67 1.12 0.00	44.65 1.00 0.00
MALONE__115KV_TB1 356076	47.30 0.24 0.00	44.81 0.31 0.00	43.14 0.26 0.00	43.20 0.43 0.00	45.53 0.67 0.00	49.32 0.78 0.00	70.70 1.04 0.00	108.52 1.07 0.00	64.60 0.51 0.00	41.19 0.12 0.00	37.47 0.11 0.00	36.58 -0.04 0.00	34.66 -0.03 0.00	32.97 -0.03 0.00	29.05 -0.12 0.00	31.48 -0.29 0.00	35.38 -0.32 0.00	42.46 -0.60 0.00	58.05 -1.43 0.00	67.23 -1.58 0.00	66.92 -1.86 0.00	53.41 -0.59 0.00	47.63 -0.92 0.00	43.08 -0.57 0.00
MAPLEWOD_115KV_TB3 80458	47.77 0.71 0.00	45.34 0.85 0.00	43.74 0.86 0.00	43.54 0.77 0.00	45.44 0.58 0.00	49.27 0.73 0.00	70.84 1.18 0.00	109.17 1.72 0.00	65.31 1.22 0.00	42.95 0.94 -0.94	39.30 0.78 -1.16	37.67 0.73 -0.32	35.64 0.69 -0.25	34.42 0.73 -0.69	30.55 0.64 -0.75	32.97 0.79 -0.41	37.60 1.00 -0.89	45.98 1.25 -1.67	62.21 1.84 -0.89	72.10 2.06 -1.23	70.77 1.99 0.00	55.57 1.57 0.00	50.15 1.60 0.00	44.74 1.09 0.00
MAPLE_RIDGE_WT_1 323574	46.64 -0.42 0.00	44.19 -0.31 0.00	42.63 -0.26 0.00	42.60 -0.17 0.00	44.76 -0.09 0.00	48.49 -0.05 0.00	69.59 -0.07 0.00	107.24 -0.21 0.00	63.96 -0.13 0.00	40.98 -0.08 0.00	37.29 -0.07 0.00	36.51 -0.11 0.00	34.52 -0.17 0.00	32.74 -0.27 0.00	28.84 -0.32 0.00	31.32 -0.44 0.00	35.17 -0.53 0.00	42.37 -0.69 0.00	58.35 -1.13 0.00	67.36 -1.45 0.00	67.20 -1.58 0.00	52.81 -1.19 0.00	47.53 -1.02 0.00	42.77 -0.87 0.00
MAPLE_RIDGE_WT_2 323611	46.64 -0.42 0.00	44.19 -0.31 0.00	42.63 -0.26 0.00	42.60 -0.17 0.00	44.76 -0.09 0.00	48.49 -0.05 0.00	69.59 -0.07 0.00	107.24 -0.21 0.00	63.96 -0.13 0.00	40.98 -0.08 0.00	37.29 -0.07 0.00	36.51 -0.11 0.00	34.52 -0.17 0.00	32.74 -0.27 0.00	28.84 -0.32 0.00	31.32 -0.44 0.00	35.17 -0.53 0.00	42.37 -0.69 0.00	58.35 -1.13 0.00	67.36 -1.45 0.00	67.20 -1.58 0.00	52.81 -1.19 0.00	47.53 -1.02 0.00	42.77 -0.87 0.00
MARBLE_RIVER_WT_PWR 323696	47.02 -0.05 0.00	44.59 0.09 0.00	42.93 0.04 0.00	42.90 0.13 0.00	45.12 0.27 0.00	48.88 0.34 0.00	70.01 0.35 0.00	107.45 0.00 0.00	64.16 0.06 0.00	41.07 0.00 0.00	37.43 0.07 0.00	36.58 -0.04 0.00	34.62 -0.07 0.00	32.90 -0.10 0.00	29.02 -0.15 0.00	31.41 -0.35 0.00	35.28 -0.43 0.00	42.29 -0.77 0.00	57.70 -1.78 0.00	66.61 -2.20 0.00	66.44 -2.34 0.00	52.60 -1.40 0.00	47.24 -1.31 0.00	42.69 -0.96 0.00
MARSHVLE_115KV_TB1 80742	50.69 3.62 0.00	47.92 3.43 0.00	46.02 3.13 0.00	45.94 3.17 0.00	48.35 3.50 0.00	52.57 4.03 0.00	75.79 6.13 0.00	116.26 8.81 0.00	67.36 3.27 0.00	41.68 0.62 0.00	37.02 -0.34 0.00	36.40 -0.22 0.00	34.49 -0.21 0.00	32.90 -0.10 0.00	29.19 0.03 0.00	32.08 0.32 0.00	36.56 0.86 0.00	44.92 1.85 0.00	63.88 4.40 0.00	74.66 5.85 0.00	74.48 5.71 0.00	58.16 4.16 0.00	52.73 4.18 0.00	46.96 3.32 0.00
MARSH_HILL_WT_PWR 323713	45.79 -1.27 0.00	43.03 -1.47 0.00	41.94 -0.94 0.00	42.05 -0.73 0.00	45.03 0.18 0.00	48.15 -0.39 0.00	67.98 -1.67 0.00	160.07 -2.36 -54.98	61.91 -2.18 0.00	39.43 -2.26 -0.63	34.58 -1.83 0.95	34.59 -1.76 0.27	32.86 -1.63 0.21	30.92 -1.52 0.57	27.03 -1.52 0.61	29.73 -1.68 0.35	32.72 -2.21 0.77	39.04 -2.63 1.39	55.32 -3.39 0.78	64.09 -3.65 1.07	71.30 -3.02 -5.55	58.53 -3.19 -7.72	45.96 -2.57 0.01	42.08 -1.57 0.00
MCINTYRE_115KV_TB2 80467	47.44 0.38 0.00	44.94 0.44 0.00	43.27 0.39 0.00	43.37 0.60 0.00	45.71 0.85 0.00	49.56 1.02 0.00	71.05 1.39 0.00	108.42 0.97 0.00	64.09 0.00 0.00	40.65 -0.41 0.00	36.95 -0.41 0.00	36.10 -0.51 0.00	34.21 -0.49 0.00	32.54 -0.46 0.00	28.70 -0.47 0.00	31.13 -0.64 0.00	35.17 -0.54 0.00	42.37 -0.69 0.00	58.23 -1.25 0.00	67.78 -1.03 0.00	67.54 -1.24 0.00	53.95 -0.05 0.00	48.21 -0.34 0.00	43.65 0.00 0.00
MECO____69_KV_BK1 80468	50.92 3.86 0.00	48.15 3.65 0.00	46.23 3.35 0.00	46.11 3.34 0.00	48.58 3.72 0.00	52.81 4.27 0.00	76.27 6.62 0.00	117.01 9.56 0.00	67.62 3.53 0.00	41.80 0.74 0.00	37.02 -0.34 0.00	36.32 -0.29 0.00	34.38 -0.31 0.00	32.84 -0.17 0.00	29.11 -0.06 0.00	31.98 0.22 0.00	36.63 0.93 0.00	45.22 2.15 0.00	64.47 5.00 0.00	75.42 6.61 0.00	75.24 6.46 0.00	58.75 4.75 0.00	53.07 4.52 0.00	47.18 3.54 0.00
MENANDS__115KV_TB5 355628	47.58 0.52 0.00	45.16 0.67 0.00	43.57 0.69 0.00	43.37 0.60 0.00	45.26 0.40 0.00	49.07 0.53 0.00	70.56 0.91 0.00	108.63 1.18 0.00	65.05 0.96 0.00	42.88 0.86 -0.95	39.24 0.71 -1.17	37.60 0.66 -0.33	35.61 0.66 -0.25	34.39 0.69 -0.70	30.53 0.61 -0.76	32.94 0.76 -0.41	37.53 0.93 -0.90	45.91 1.16 -1.69	61.98 1.61 -0.90	71.84 1.79 -1.24	70.43 1.65 0.00	55.35 1.35 0.00	49.96 1.41 0.00	44.61 0.96 0.00

MG INDUSTRY___DRP 24185	48.00 0.94 0.00	45.52 1.02 0.00	43.87 0.99 0.00	43.71 0.94 0.00	45.66 0.81 0.00	49.51 0.97 0.00	71.12 1.46 0.00	110.46 3.01 0.00	65.57 1.47 0.00	42.84 0.82 -0.95	39.08 0.56 -1.16	37.45 0.51 -0.33	35.43 0.49 -0.25	34.23 0.53 -0.70	30.35 0.44 -0.75	32.74 0.57 -0.41	37.45 0.86 -0.89	46.02 1.29 -1.67	62.56 2.20 -0.89	72.58 2.55 -1.22	71.32 2.54 0.00	55.94 1.94 0.00	50.49 1.94 0.00	45.13 1.48 0.00
MID___OSWEGATCHIE_HYD 23849	46.22 -0.85 0.00	43.74 -0.76 0.00	42.24 -0.64 0.00	42.39 -0.38 0.00	44.63 -0.22 0.00	48.49 -0.05 0.00	69.94 0.28 0.00	107.24 -0.21 0.00	63.32 -0.77 0.00	40.08 -0.99 0.00	36.39 -0.97 0.00	35.52 -1.10 0.00	33.62 -1.08 0.00	31.95 -1.06 0.00	28.06 -1.11 0.00	30.40 -1.37 0.00	34.38 -1.32 0.00	41.51 -1.55 0.00	57.40 -2.08 0.00	66.75 -2.06 0.00	66.51 -2.27 0.00	52.65 -1.35 0.00	47.19 -1.36 0.00	42.64 -1.00 0.00
MID___RAQUETTE_HYD 23851	46.03 -1.04 0.00	43.61 -0.89 0.00	42.03 -0.86 0.00	42.09 -0.68 0.00	44.31 -0.54 0.00	48.10 -0.44 0.00	68.96 -0.70 0.00	105.62 -1.83 0.00	62.68 -1.41 0.00	39.92 -1.15 0.00	36.28 -1.08 0.00	35.44 -1.17 0.00	33.58 -1.11 0.00	31.91 -1.09 0.00	28.14 -1.02 0.00	30.49 -1.27 0.00	34.42 -1.29 0.00	41.38 -1.68 0.00	56.68 -2.80 0.00	65.85 -2.96 0.00	65.54 -3.23 0.00	52.38 -1.62 0.00	46.80 -1.75 0.00	42.34 -1.31 0.00
MILLIKEN___1 23584	48.24 1.18 0.00	45.43 0.93 0.00	43.83 0.94 0.00	43.76 0.98 0.00	46.11 1.26 0.00	49.71 1.16 0.00	71.54 1.88 0.00	112.09 3.12 -1.52	65.44 1.35 0.00	40.74 0.37 0.69	36.70 0.30 0.96	36.57 0.22 0.27	34.69 0.21 0.21	32.60 0.17 0.57	28.66 0.12 0.62	31.53 0.13 0.36	35.14 0.21 0.78	42.09 0.47 1.45	59.66 0.95 0.77	69.19 1.45 1.07	70.65 1.72 -0.15	55.13 0.92 -0.21	49.33 0.78 0.00	44.52 0.87 0.00
MILLIKEN___2 23585	48.24 1.18 0.00	45.43 0.93 0.00	43.83 0.94 0.00	43.76 0.98 0.00	46.11 1.26 0.00	49.71 1.16 0.00	71.54 1.88 0.00	112.09 3.12 -1.52	65.44 1.35 0.00	40.74 0.37 0.69	36.70 0.30 0.96	36.57 0.22 0.27	34.69 0.21 0.21	32.60 0.17 0.57	28.66 0.12 0.62	31.53 0.13 0.36	35.14 0.21 0.78	42.09 0.47 1.45	59.66 0.95 0.77	69.19 1.45 1.07	70.65 1.72 -0.15	55.13 0.92 -0.21	49.33 0.78 0.00	44.52 0.87 0.00
MILLIKEN___DIESEL 23629	48.24 1.18 0.00	45.43 0.93 0.00	43.83 0.94 0.00	43.76 0.98 0.00	46.11 1.26 0.00	49.71 1.16 0.00	71.54 1.88 0.00	112.09 3.12 -1.52	65.44 1.35 0.00	40.74 0.37 0.69	36.70 0.30 0.96	36.57 0.22 0.27	34.69 0.21 0.21	32.60 0.17 0.57	28.66 0.12 0.62	31.53 0.13 0.36	35.14 0.21 0.78	42.09 0.47 1.45	59.66 0.95 0.77	69.19 1.45 1.07	70.65 1.72 -0.15	55.13 0.92 -0.21	49.33 0.78 0.00	44.52 0.87 0.00
MILLSEAT___LFGE 323607	44.47 -2.59 0.00	41.56 -2.94 0.00	40.36 -2.53 0.00	40.38 -2.39 0.00	43.33 -1.53 0.00	45.78 -2.76 0.00	63.95 -5.71 0.00	92.50 -8.38 6.57	58.84 -5.25 0.00	36.42 -4.39 0.25	33.62 -3.74 0.00	33.17 -3.44 0.00	31.47 -3.23 0.00	30.03 -2.97 0.00	26.42 -2.74 0.00	29.00 -2.76 0.00	32.03 -3.68 0.00	38.36 -4.69 0.01	53.78 -5.65 0.05	62.36 -6.40 0.05	61.80 -6.26 0.72	47.74 -5.29 0.97	43.45 -5.05 0.05	40.11 -3.53 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	49.09 2.02 0.00	46.50 2.00 0.00	44.56 1.67 0.00	44.36 1.58 0.00	46.24 1.39 0.00	50.43 1.89 0.00	72.58 2.93 0.00	112.61 5.16 0.00	67.17 3.08 0.00	47.84 2.59 -4.19	44.70 2.20 -5.14	40.33 2.27 -1.44	37.96 2.15 -1.12	38.05 1.98 -3.07	34.26 1.78 -3.32	35.49 1.91 -1.82	41.94 2.25 -3.98	53.35 2.84 -7.45	67.30 3.87 -3.95	78.82 4.54 -5.47	73.31 4.54 0.00	57.24 3.24 0.00	51.42 2.86 0.00	45.96 2.31 0.00
MILLWOOD_13_KV_LOAD 356217	49.23 2.16 0.00	46.59 2.09 0.00	44.69 1.80 0.00	44.48 1.71 0.00	46.38 1.53 0.00	50.58 2.04 0.00	72.86 3.20 0.00	113.04 5.59 0.00	67.42 3.33 0.00	47.92 2.67 -4.19	44.77 2.28 -5.14	40.40 2.34 -1.44	38.03 2.22 -1.12	38.12 2.05 -3.07	34.32 1.84 -3.32	35.55 1.97 -1.82	42.01 2.32 -3.98	53.44 2.93 -7.45	67.48 4.04 -3.95	79.03 4.75 -5.47	73.59 4.81 0.00	57.35 3.35 0.00	51.51 2.96 0.00	46.05 2.40 0.00
MODEL_CITY_ENERGY 24167	42.83 -4.24 0.00	40.05 -4.45 0.00	38.90 -3.99 0.00	38.97 -3.81 0.00	41.85 -3.00 0.00	43.88 -4.66 0.00	60.60 -9.05 0.00	84.03 -13.86 9.56	56.08 -8.01 0.00	34.83 -5.91 0.32	32.35 -5.01 0.00	31.93 -4.69 0.00	30.36 -4.34 0.00	28.98 -4.03 0.00	25.52 -3.65 0.00	27.95 -3.81 0.00	30.78 -4.93 0.00	36.64 -6.42 0.01	51.22 -8.21 0.05	59.33 -9.42 0.05	58.20 -9.56 1.02	44.88 -7.72 1.40	41.36 -7.14 0.05	38.36 -5.28 0.00
MODERN_LFGE___ 323580	42.83 -4.24 0.00	40.05 -4.45 0.00	38.90 -3.99 0.00	38.97 -3.81 0.00	41.85 -3.00 0.00	43.88 -4.66 0.00	60.60 -9.05 0.00	84.03 -13.86 9.56	56.08 -8.01 0.00	34.83 -5.91 0.32	32.35 -5.01 0.00	31.93 -4.69 0.00	30.36 -4.34 0.00	28.98 -4.03 0.00	25.52 -3.65 0.00	27.95 -3.81 0.00	30.78 -4.93 0.00	36.64 -6.42 0.01	51.22 -8.21 0.05	59.33 -9.42 0.05	58.20 -9.56 1.02	44.88 -7.72 1.40	41.36 -7.14 0.05	38.36 -5.28 0.00
MOHAWK_PAPER___DRP 24187	47.77 0.71 0.00	45.34 0.85 0.00	43.74 0.86 0.00	43.54 0.77 0.00	45.44 0.58 0.00	49.27 0.73 0.00	70.84 1.18 0.00	109.17 1.72 0.00	65.31 1.22 0.00	42.95 0.94 -0.94	39.30 0.78 -1.16	37.67 0.73 -0.32	35.64 0.69 -0.25	34.42 0.73 -0.69	30.55 0.64 -0.75	32.97 0.79 -0.41	37.60 1.00 -0.89	45.98 1.25 -1.67	62.21 1.84 -0.89	72.10 2.06 -1.23	70.77 1.99 0.00	55.57 1.57 0.00	50.15 1.60 0.00	44.74 1.09 0.00
MOHICAN_35_KV_115KV_LD 80490	47.96 0.89 0.00	45.39 0.89 0.00	43.66 0.77 0.00	43.46 0.68 0.00	45.57 0.72 0.00	49.56 1.02 0.00	71.54 1.88 0.00	110.35 2.90 0.00	65.50 1.41 0.00	42.47 0.57 -0.83	39.09 0.71 -1.02	37.52 0.62 -0.29	35.44 0.52 -0.22	34.21 0.59 -0.61	30.23 0.41 -0.66	32.79 0.67 -0.36	37.60 1.11 -0.79	45.44 0.90 -1.48	62.29 2.02 -0.78	72.58 2.68 -1.08	71.25 2.48 0.00	55.84 1.84 0.00	50.25 1.70 0.00	44.61 0.96 0.00
MONGAUP___HYD 23641	48.90 1.83 0.00	46.23 1.73 0.00	44.39 1.50 0.00	44.23 1.46 0.00	46.11 1.25 0.00	50.14 1.60 0.00	72.09 2.44 0.00	111.64 4.19 0.00	65.69 1.60 0.00	22.94 1.80 19.93	14.43 1.50 24.42	31.27 1.50 6.85	30.79 1.42 5.33	19.72 1.32 14.60	14.58 1.20 15.78	24.46 1.30 8.61	18.50 1.64 18.84	10.17 2.32 35.22	44.10 3.33 18.71	47.06 4.13 25.88	72.76 3.99 0.00	56.59 2.59 0.00	50.88 2.33 0.00	45.52 1.88 0.00
MONTAUK___DIESEL 23721	50.36 3.29 0.00	47.30 2.80 0.00	45.16 2.27 0.00	45.25 2.48 0.00	46.78 1.93 0.00	51.45 2.91 0.00	76.82 3.76 -3.40	124.60 6.34 -10.81	68.54 2.37 -2.07	48.70 3.78 -3.86	46.35 4.26 -4.74	42.38 4.43 -1.33	40.14 4.41 -1.04	40.10 4.26 -2.84	36.02 3.79 -3.06	37.58 4.13 -1.68	45.40 4.64 -5.05	56.23 5.60 -7.57	74.64 7.20 -7.96	85.80 7.64 -9.36	80.28 7.98 -3.53	66.70 6.37 -6.33	57.49 5.83 -3.11	54.24 5.06 -5.53

MOONROAD_115KV_HARTFLD_TB1-2 355988	45.13 -1.93 0.00	42.32 -2.18 0.00	41.47 -1.42 0.00	41.40 -1.37 0.00	44.27 -0.58 0.00	46.16 -2.38 0.00	65.69 -3.97 0.00	89.75 -5.80 11.90	60.50 -3.59 0.00	37.48 -3.20 0.38	34.63 -2.73 0.00	33.91 -2.71 0.00	32.33 -2.36 0.00	30.63 -2.38 0.00	26.98 -2.19 0.00	29.41 -2.35 0.00	32.52 -3.18 0.00	38.96 -4.09 0.01	53.13 -6.30 0.04	62.37 -6.40 0.04	62.10 -5.43 1.24	46.51 -5.78 1.71	43.80 -4.71 0.04	40.94 -2.71 0.00
MORRIS_RIDGE___SOLAR 323848	45.32 -1.74 0.00	42.50 -2.00 0.00	41.35 -1.54 0.00	41.32 -1.45 0.00	44.18 -0.67 0.00	46.99 -1.56 0.00	66.11 -3.55 0.00	70.34 -5.37 31.74	60.25 -3.84 0.00	36.27 -3.29 1.51	34.60 -2.76 0.00	33.98 -2.64 0.00	32.30 -2.39 0.00	30.79 -2.21 0.00	27.09 -2.07 0.00	29.54 -2.22 0.00	32.88 -2.82 0.00	39.49 -3.53 0.04	54.99 -4.46 0.03	63.83 -4.96 0.03	61.07 -4.47 3.24	45.41 -4.11 4.49	45.03 -3.50 0.03	41.29 -2.36 0.00
MORTIMER_115KV_TB3 55949	46.03 -1.04 0.00	43.12 -1.38 0.00	41.73 -1.16 0.00	41.66 -1.11 0.00	44.23 -0.63 0.00	47.04 -1.50 0.00	67.43 -2.23 0.00	107.20 -2.79 -2.55	62.10 -1.99 0.00	39.18 -1.89 0.00	35.72 -1.64 0.00	35.11 -1.50 0.00	33.31 -1.39 0.00	31.68 -1.32 0.00	28.00 -1.17 0.00	30.59 -1.18 0.00	34.10 -1.61 0.00	41.04 -2.02 0.00	57.41 -2.08 -0.01	66.28 -2.55 -0.01	66.71 -2.34 -0.27	52.43 -1.94 -0.37	46.53 -2.04 -0.01	42.16 -1.48 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	49.37 2.31 0.00	46.77 2.27 0.00	44.77 1.89 0.00	44.57 1.80 0.00	46.47 1.61 0.00	50.68 2.14 0.00	73.00 3.34 0.00	113.36 5.91 0.00	67.68 3.59 0.00	47.96 3.04 -3.86	44.71 2.62 -4.73	40.58 2.64 -1.33	38.26 2.53 -1.03	38.18 2.34 -2.83	34.26 2.04 -3.06	35.66 2.22 -1.68	41.98 2.61 -3.67	53.24 3.32 -6.86	67.52 4.40 -3.64	78.94 5.09 -5.04	73.86 5.09 0.00	57.62 3.62 0.00	51.76 3.20 0.00	46.26 2.62 0.00
MUNSVILLE_WIND_PWR 323609	50.17 3.11 0.00	47.26 2.76 0.00	45.59 2.70 0.00	45.68 2.91 0.00	48.17 3.32 0.00	52.28 3.74 0.00	75.93 6.27 0.00	117.23 9.78 0.00	68.90 4.81 0.00	41.56 1.93 1.44	37.03 1.50 1.83	37.35 1.25 0.51	35.44 1.14 0.40	32.80 0.89 1.09	28.60 0.61 1.18	31.76 0.73 0.73	35.39 1.28 1.60	42.23 2.15 2.99	61.99 4.10 1.59	71.78 5.16 2.20	74.07 5.30 0.00	57.46 3.46 0.00	51.66 3.11 0.00	46.48 2.84 0.00
N SALMON___HYD 24042	47.30 0.24 0.00	44.81 0.31 0.00	43.15 0.26 0.00	43.20 0.43 0.00	45.53 0.67 0.00	49.32 0.77 0.00	70.77 1.11 0.00	108.52 1.07 0.00	64.60 0.51 0.00	41.19 0.12 0.00	37.51 0.15 0.00	36.58 -0.04 0.00	34.66 -0.03 0.00	32.97 -0.03 0.00	29.05 -0.12 0.00	31.48 -0.29 0.00	35.42 -0.29 0.00	42.50 -0.56 0.00	57.93 -1.55 0.00	67.02 -1.79 0.00	66.92 -1.85 0.00	53.19 -0.81 0.00	47.63 -0.92 0.00	43.08 -0.57 0.00
N.AKRON___115KV_KNAPP 355671	44.33 -2.73 0.00	41.43 -3.07 0.00	40.27 -2.62 0.00	40.29 -2.48 0.00	43.10 -1.75 0.00	44.71 -3.83 0.00	63.67 -5.99 0.00	91.65 -8.81 6.99	58.64 -5.45 0.00	36.33 -4.48 0.26	33.44 -3.92 0.00	32.88 -3.73 0.00	31.33 -3.37 0.00	29.83 -3.17 0.00	26.36 -2.80 0.00	28.90 -2.86 0.00	31.95 -3.75 0.00	38.23 -4.82 0.01	53.59 -5.83 0.06	61.87 -6.88 0.06	61.41 -6.60 0.77	47.51 -5.45 1.04	43.45 -5.05 0.06	39.98 -3.67 0.00
N.E_GEN_SANDY PD 24062	47.77 0.71 0.00	45.34 0.84 0.00	43.70 0.81 0.00	43.50 0.73 0.00	45.30 0.45 0.00	49.08 0.53 0.00	70.70 1.05 0.00	100.70 1.61 8.36	67.74 1.35 -2.30	50.00 1.31 -7.62	40.39 1.12 -1.91	38.17 1.02 -0.54	36.08 0.97 -0.42	35.10 0.96 -1.14	31.33 0.93 -1.23	33.55 1.11 -0.67	38.57 1.39 -1.48	47.50 1.68 -2.76	63.20 2.26 -1.47	73.39 2.55 -2.03	71.25 2.47 0.00	56.00 2.00 0.00	50.40 1.84 0.00	45.00 1.35 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	48.99 1.93 0.00	46.41 1.91 0.00	44.52 1.63 0.00	44.31 1.54 0.00	46.20 1.35 0.00	50.34 1.80 0.00	72.44 2.79 0.00	112.29 4.84 0.00	66.91 2.82 0.00	49.17 2.42 -5.68	46.42 2.09 -6.96	40.69 2.12 -1.95	38.22 2.01 -1.52	39.05 1.88 -4.16	35.33 1.66 -4.50	36.04 1.81 -2.47	43.25 2.14 -5.41	55.93 2.76 -10.11	68.59 3.75 -5.37	80.64 4.40 -7.43	73.11 4.33 0.00	57.08 3.08 0.00	51.27 2.72 0.00	45.83 2.18 0.00
N.QUEENS_27_KV_LOAD 356247	49.51 2.45 0.00	46.94 2.45 0.00	44.82 1.93 0.00	44.61 1.84 0.00	46.47 1.61 0.00	50.43 1.89 0.00	72.79 3.13 0.00	113.36 5.91 0.00	67.68 3.59 0.00	48.25 3.33 -3.86	44.86 2.76 -4.73	40.76 2.82 -1.33	38.40 2.67 -1.03	38.34 2.51 -2.83	34.41 2.19 -3.06	35.79 2.35 -1.68	42.09 2.71 -3.67	53.41 3.49 -6.86	67.70 4.58 -3.64	79.29 5.44 -5.04	74.14 5.36 0.00	57.62 3.62 0.00	51.95 3.40 0.00	46.53 2.88 0.00
N.TROY___115KV_TB1 355778	47.72 0.66 0.00	45.25 0.76 0.00	43.66 0.77 0.00	43.46 0.68 0.00	45.39 0.54 0.00	49.22 0.68 0.00	70.77 1.11 0.00	109.06 1.61 0.00	65.25 1.15 0.00	42.88 0.90 -0.92	39.23 0.75 -1.12	37.63 0.70 -0.31	35.56 0.62 -0.24	34.33 0.66 -0.67	30.47 0.58 -0.73	32.95 0.79 -0.40	37.61 1.04 -0.87	45.93 1.25 -1.62	62.24 1.90 -0.86	72.20 2.20 -1.19	70.91 2.13 0.00	55.67 1.67 0.00	50.15 1.60 0.00	44.74 1.09 0.00
NARROWS_GT1_1 24228	49.65 2.59 0.00	47.12 2.62 0.00	45.03 2.14 0.00	44.83 2.05 0.00	46.65 1.80 0.00	50.53 1.99 0.00	73.14 3.48 0.00	113.90 6.45 0.00	67.81 3.72 0.00	48.21 3.29 -3.86	44.93 2.84 -4.73	40.83 2.89 -1.33	38.47 2.74 -1.03	38.37 2.54 -2.83	34.47 2.25 -3.06	35.82 2.38 -1.68	42.19 2.82 -3.67	53.54 3.62 -6.86	68.12 5.00 -3.64	79.63 5.78 -5.04	74.55 5.78 0.00	58.05 4.05 0.00	52.00 3.45 0.00	46.61 2.97 0.00
NARROWS_GT1_2 24229	49.65 2.59 0.00	47.12 2.62 0.00	45.03 2.14 0.00	44.83 2.05 0.00	46.65 1.80 0.00	50.53 1.99 0.00	73.14 3.48 0.00	113.90 6.45 0.00	67.81 3.72 0.00	48.21 3.29 -3.86	44.93 2.84 -4.73	40.83 2.89 -1.33	38.47 2.74 -1.03	38.37 2.54 -2.83	34.47 2.25 -3.06	35.82 2.38 -1.68	42.19 2.82 -3.67	53.54 3.62 -6.86	68.12 5.00 -3.64	79.63 5.78 -5.04	74.55 5.78 0.00	58.05 4.05 0.00	52.00 3.45 0.00	46.61 2.97 0.00
NARROWS_GT1_3 24230	49.65 2.59 0.00	47.12 2.62 0.00	45.03 2.14 0.00	44.83 2.05 0.00	46.65 1.80 0.00	50.53 1.99 0.00	73.14 3.48 0.00	113.90 6.45 0.00	67.81 3.72 0.00	48.21 3.29 -3.86	44.93 2.84 -4.73	40.83 2.89 -1.33	38.47 2.74 -1.03	38.37 2.54 -2.83	34.47 2.25 -3.06	35.82 2.38 -1.68	42.19 2.82 -3.67	53.54 3.62 -6.86	68.12 5.00 -3.64	79.63 5.78 -5.04	74.55 5.78 0.00	58.05 4.05 0.00	52.00 3.45 0.00	46.61 2.97 0.00
NARROWS_GT1_4 24231	49.65 2.59 0.00	47.12 2.62 0.00	45.03 2.14 0.00	44.83 2.05 0.00	46.65 1.80 0.00	50.53 1.99 0.00	73.14 3.48 0.00	113.90 6.45 0.00	67.81 3.72 0.00	48.21 3.29 -3.86	44.93 2.84 -4.73	40.83 2.89 -1.33	38.47 2.74 -1.03	38.37 2.54 -2.83	34.47 2.25 -3.06	35.82 2.38 -1.68	42.19 2.82 -3.67	53.54 3.62 -6.86	68.12 5.00 -3.64	79.63 5.78 -5.04	74.55 5.78 0.00	58.05 4.05 0.00	52.00 3.45 0.00	46.61 2.97 0.00

NARROWS_GT1_5 24232	49.65 2.59 0.00	47.12 2.62 0.00	45.03 2.14 0.00	44.83 2.05 0.00	46.65 1.80 0.00	50.53 1.99 0.00	73.14 3.48 0.00	113.90 6.45 0.00	67.81 3.72 0.00	48.21 3.29 -3.86	44.93 2.84 -4.73	40.83 2.89 -1.33	38.47 2.74 -1.03	38.37 2.54 -2.83	34.47 2.25 -3.06	35.82 2.38 -1.68	42.19 2.82 -3.67	53.54 3.62 -6.86	68.12 5.00 -3.64	79.63 5.78 -5.04	74.55 5.78 0.00	58.05 4.05 0.00	52.00 3.45 0.00	46.61 2.97 0.00
NARROWS_GT1_6 24233	49.65 2.59 0.00	47.12 2.62 0.00	45.03 2.14 0.00	44.83 2.05 0.00	46.65 1.80 0.00	50.53 1.99 0.00	73.14 3.48 0.00	113.90 6.45 0.00	67.81 3.72 0.00	48.21 3.29 -3.86	44.93 2.84 -4.73	40.83 2.89 -1.33	38.47 2.74 -1.03	38.37 2.54 -2.83	34.47 2.25 -3.06	35.82 2.38 -1.68	42.19 2.82 -3.67	53.54 3.62 -6.86	68.12 5.00 -3.64	79.63 5.78 -5.04	74.55 5.78 0.00	58.05 4.05 0.00	52.00 3.45 0.00	46.61 2.97 0.00
NARROWS_GT1_7 24234	49.65 2.59 0.00	47.12 2.62 0.00	45.03 2.14 0.00	44.83 2.05 0.00	46.65 1.80 0.00	50.53 1.99 0.00	73.14 3.48 0.00	113.90 6.45 0.00	67.81 3.72 0.00	48.21 3.29 -3.86	44.93 2.84 -4.73	40.83 2.89 -1.33	38.47 2.74 -1.03	38.37 2.54 -2.83	34.47 2.25 -3.06	35.82 2.38 -1.68	42.19 2.82 -3.67	53.54 3.62 -6.86	68.12 5.00 -3.64	79.63 5.78 -5.04	74.55 5.78 0.00	58.05 4.05 0.00	52.00 3.45 0.00	46.61 2.97 0.00
NARROWS_GT1_8 24235	49.65 2.59 0.00	47.12 2.62 0.00	45.03 2.14 0.00	44.83 2.05 0.00	46.65 1.80 0.00	50.53 1.99 0.00	73.14 3.48 0.00	113.90 6.45 0.00	67.81 3.72 0.00	48.21 3.29 -3.86	44.93 2.84 -4.73	40.83 2.89 -1.33	38.47 2.74 -1.03	38.37 2.54 -2.83	34.47 2.25 -3.06	35.82 2.38 -1.68	42.19 2.82 -3.67	53.54 3.62 -6.86	68.12 5.00 -3.64	79.63 5.78 -5.04	74.55 5.78 0.00	58.05 4.05 0.00	52.00 3.45 0.00	46.61 2.97 0.00
NARROWS_GT2_1 24236	49.65 2.59 0.00	47.12 2.62 0.00	45.03 2.14 0.00	44.83 2.05 0.00	46.65 1.80 0.00	50.53 1.99 0.00	73.14 3.48 0.00	113.90 6.45 0.00	67.81 3.72 0.00	48.21 3.29 -3.86	44.93 2.84 -4.73	40.83 2.89 -1.33	38.47 2.74 -1.03	38.37 2.54 -2.83	34.47 2.25 -3.06	35.82 2.38 -1.68	42.19 2.82 -3.67	53.54 3.62 -6.86	68.12 5.00 -3.64	79.63 5.78 -5.04	74.55 5.78 0.00	58.05 4.05 0.00	52.00 3.45 0.00	46.61 2.97 0.00
NARROWS_GT2_2 24237	49.65 2.59 0.00	47.12 2.62 0.00	45.03 2.14 0.00	44.83 2.05 0.00	46.65 1.80 0.00	50.53 1.99 0.00	73.14 3.48 0.00	113.90 6.45 0.00	67.81 3.72 0.00	48.21 3.29 -3.86	44.93 2.84 -4.73	40.83 2.89 -1.33	38.47 2.74 -1.03	38.37 2.54 -2.83	34.47 2.25 -3.06	35.82 2.38 -1.68	42.19 2.82 -3.67	53.54 3.62 -6.86	68.12 5.00 -3.64	79.63 5.78 -5.04	74.55 5.78 0.00	58.05 4.05 0.00	52.00 3.45 0.00	46.61 2.97 0.00
NARROWS_GT2_3 24238	49.65 2.59 0.00	47.12 2.62 0.00	45.03 2.14 0.00	44.83 2.05 0.00	46.65 1.80 0.00	50.53 1.99 0.00	73.14 3.48 0.00	113.90 6.45 0.00	67.81 3.72 0.00	48.21 3.29 -3.86	44.93 2.84 -4.73	40.83 2.89 -1.33	38.47 2.74 -1.03	38.37 2.54 -2.83	34.47 2.25 -3.06	35.82 2.38 -1.68	42.19 2.82 -3.67	53.54 3.62 -6.86	68.12 5.00 -3.64	79.63 5.78 -5.04	74.55 5.78 0.00	58.05 4.05 0.00	52.00 3.45 0.00	46.61 2.97 0.00
NARROWS_GT2_4 24239	49.65 2.59 0.00	47.12 2.62 0.00	45.03 2.14 0.00	44.83 2.05 0.00	46.65 1.80 0.00	50.53 1.99 0.00	73.14 3.48 0.00	113.90 6.45 0.00	67.81 3.72 0.00	48.21 3.29 -3.86	44.93 2.84 -4.73	40.83 2.89 -1.33	38.47 2.74 -1.03	38.37 2.54 -2.83	34.47 2.25 -3.06	35.82 2.38 -1.68	42.19 2.82 -3.67	53.54 3.62 -6.86	68.12 5.00 -3.64	79.63 5.78 -5.04	74.55 5.78 0.00	58.05 4.05 0.00	52.00 3.45 0.00	46.61 2.97 0.00
NARROWS_GT2_5 24240	49.65 2.59 0.00	47.12 2.62 0.00	45.03 2.14 0.00	44.83 2.05 0.00	46.65 1.80 0.00	50.53 1.99 0.00	73.14 3.48 0.00	113.90 6.45 0.00	67.81 3.72 0.00	48.21 3.29 -3.86	44.93 2.84 -4.73	40.83 2.89 -1.33	38.47 2.74 -1.03	38.37 2.54 -2.83	34.47 2.25 -3.06	35.82 2.38 -1.68	42.19 2.82 -3.67	53.54 3.62 -6.86	68.12 5.00 -3.64	79.63 5.78 -5.04	74.55 5.78 0.00	58.05 4.05 0.00	52.00 3.45 0.00	46.61 2.97 0.00
NARROWS_GT2_6 24241	49.65 2.59 0.00	47.12 2.62 0.00	45.03 2.14 0.00	44.83 2.05 0.00	46.65 1.80 0.00	50.53 1.99 0.00	73.14 3.48 0.00	113.90 6.45 0.00	67.81 3.72 0.00	48.21 3.29 -3.86	44.93 2.84 -4.73	40.83 2.89 -1.33	38.47 2.74 -1.03	38.37 2.54 -2.83	34.47 2.25 -3.06	35.82 2.38 -1.68	42.19 2.82 -3.67	53.54 3.62 -6.86	68.12 5.00 -3.64	79.63 5.78 -5.04	74.55 5.78 0.00	58.05 4.05 0.00	52.00 3.45 0.00	46.61 2.97 0.00
NARROWS_GT2_7 24242	49.65 2.59 0.00	47.12 2.62 0.00	45.03 2.14 0.00	44.83 2.05 0.00	46.65 1.80 0.00	50.53 1.99 0.00	73.14 3.48 0.00	113.90 6.45 0.00	67.81 3.72 0.00	48.21 3.29 -3.86	44.93 2.84 -4.73	40.83 2.89 -1.33	38.47 2.74 -1.03	38.37 2.54 -2.83	34.47 2.25 -3.06	35.82 2.38 -1.68	42.19 2.82 -3.67	53.54 3.62 -6.86	68.12 5.00 -3.64	79.63 5.78 -5.04	74.55 5.78 0.00	58.05 4.05 0.00	52.00 3.45 0.00	46.61 2.97 0.00
NARROWS_GT2_8 24243	49.65 2.59 0.00	47.12 2.62 0.00	45.03 2.14 0.00	44.83 2.05 0.00	46.65 1.80 0.00	50.53 1.99 0.00	73.14 3.48 0.00	113.90 6.45 0.00	67.81 3.72 0.00	48.21 3.29 -3.86	44.93 2.84 -4.73	40.83 2.89 -1.33	38.47 2.74 -1.03	38.37 2.54 -2.83	34.47 2.25 -3.06	35.82 2.38 -1.68	42.19 2.82 -3.67	53.54 3.62 -6.86	68.12 5.00 -3.64	79.63 5.78 -5.04	74.55 5.78 0.00	58.05 4.05 0.00	52.00 3.45 0.00	46.61 2.97 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	48.71 1.65 0.00	46.19 1.69 0.00	44.47 1.59 0.00	44.31 1.54 0.00	46.33 1.48 0.00	50.34 1.80 0.00	72.44 2.79 0.00	111.32 3.87 0.00	65.95 1.86 0.00	42.89 0.82 -1.00	39.07 0.49 -1.23	37.40 0.44 -0.34	35.34 0.38 -0.27	34.17 0.43 -0.73	30.34 0.38 -0.79	32.73 0.54 -0.42	37.52 0.89 -0.93	46.21 1.42 -1.73	63.07 2.68 -0.92	73.38 3.30 -1.27	71.94 3.16 0.00	56.32 2.32 0.00	50.79 2.23 0.00	45.35 1.70 0.00
NCHELSEA_115KV_TR2 355582	49.60 2.54 0.00	46.94 2.45 0.00	45.07 2.19 0.00	44.87 2.10 0.00	46.83 1.97 0.00	51.02 2.48 0.00	73.56 3.90 0.00	113.79 6.34 0.00	67.74 3.65 0.00	45.65 2.50 -2.08	41.81 1.91 -2.54	39.16 1.83 -0.71	36.84 1.60 -0.55	35.84 1.32 -1.52	32.00 1.20 -1.64	33.95 1.30 -0.88	39.31 1.68 -1.93	48.96 2.28 -3.61	64.85 3.45 -1.92	75.52 4.06 -2.65	73.86 5.09 0.00	57.62 3.62 0.00	51.71 3.16 0.00	46.22 2.58 0.00
NEG CAPITAL__MECHNVIL 23645	48.43 1.37 0.00	45.88 1.38 0.00	44.17 1.29 0.00	43.97 1.20 0.00	46.02 1.16 0.00	49.90 1.36 0.00	71.95 2.30 0.00	110.99 3.54 0.00	66.14 2.05 0.00	43.12 1.19 -0.86	39.12 0.71 -1.06	37.53 0.62 -0.30	35.51 0.59 -0.23	34.26 0.63 -0.63	30.37 0.53 -0.68	32.87 0.73 -0.37	37.63 1.11 -0.82	46.14 1.55 -1.53	62.97 2.68 -0.81	73.10 3.17 -1.12	71.80 3.02 0.00	56.37 2.37 0.00	50.74 2.19 0.00	45.17 1.53 0.00

NEG CENTRAL_HIGH_ACRES 23767	45.79 -1.27 0.00	42.94 -1.56 0.00	41.56 -1.33 0.00	41.45 -1.33 0.00	44.00 -0.85 0.00	47.33 -1.21 0.00	67.42 -2.23 0.00	107.16 -2.79 -2.51	61.98 -2.11 0.00	39.14 -1.93 0.00	35.75 -1.61 0.00	35.11 -1.50 0.00	33.27 -1.42 0.00	31.65 -1.35 0.00	27.88 -1.28 0.00	30.49 -1.27 0.00	34.02 -1.68 0.00	41.00 -2.07 0.00	57.23 -2.26 -0.01	66.41 -2.41 -0.01	66.63 -2.41 -0.26	52.31 -2.05 -0.36	46.38 -2.18 -0.01	42.03 -1.61 0.00
NEG CENTRAL___DRP 24199	47.30 0.24 0.00	44.54 0.04 0.00	43.02 0.13 0.00	42.94 0.17 0.00	45.39 0.54 0.00	48.74 0.19 0.00	69.87 0.21 0.00	113.87 0.54 -5.88	63.90 -0.19 0.00	40.78 -0.41 -0.13	37.02 -0.34 0.00	36.25 -0.37 0.00	34.35 -0.35 0.00	32.67 -0.33 0.00	28.81 -0.35 0.00	31.41 -0.35 0.00	35.27 -0.43 0.00	42.68 -0.39 0.00	58.94 -0.54 0.00	68.47 -0.34 0.00	69.23 -0.14 -0.59	54.34 -0.49 -0.83	48.21 -0.34 0.00	43.60 -0.04 0.00
NEG CENTRAL___INDECK 23768	47.53 0.47 0.00	44.50 0.00 0.00	43.19 0.30 0.00	43.16 0.38 0.00	46.11 1.25 0.00	49.46 0.92 0.00	70.28 0.63 0.00	158.10 1.29 -49.36	63.45 -0.64 0.00	40.69 -1.56 -1.18	36.05 -1.31 0.00	35.37 -1.25 0.00	33.51 -1.18 0.00	31.95 -1.06 0.00	28.09 -1.08 0.00	30.74 -1.02 0.00	34.35 -1.36 0.00	41.63 -1.46 -0.03	58.52 -0.95 0.01	68.25 -0.55 0.01	73.76 0.00 -4.99	60.34 -0.59 -6.94	47.77 -0.78 0.01	43.51 -0.13 0.00
NEG CENTRAL___SENECA 23627	47.30 0.24 0.00	44.50 0.00 0.00	43.02 0.13 0.00	42.99 0.21 0.00	45.53 0.67 0.00	48.74 0.19 0.00	69.66 0.00 0.00	116.90 0.32 -9.13	63.58 -0.51 0.00	40.61 -0.66 -0.21	36.80 -0.56 0.00	36.07 -0.55 0.00	34.17 -0.52 0.00	32.51 -0.50 0.00	28.67 -0.50 0.00	31.25 -0.51 0.00	35.10 -0.61 0.00	42.47 -0.60 -1.01	58.47 -1.01 -0.89	67.92 -0.89 -0.55	69.15 -0.55 -0.92	54.37 -0.92 -1.28	47.97 -0.58 0.00	43.51 -0.13 0.00
NEG CENTRAL___STATE_STREET 24147	47.53 0.47 0.00	44.76 0.27 0.00	43.19 0.30 0.00	43.07 0.30 0.00	45.39 0.54 0.00	48.93 0.39 0.00	70.42 0.77 0.00	111.29 1.50 -2.33	64.54 0.45 0.00	41.08 -0.04 -0.05	37.36 0.00 0.00	36.54 -0.07 0.00	34.66 -0.03 0.00	32.94 -0.07 0.00	29.11 -0.06 0.00	31.70 -0.06 0.00	35.63 -0.07 0.00	43.11 0.04 0.00	59.78 0.30 0.00	69.36 0.55 0.00	69.77 0.76 -0.24	54.60 0.27 -0.33	48.70 0.15 0.00	43.91 0.26 0.00
NEG MILLWOOD___DRP 24198	49.70 2.64 0.00	47.08 2.58 0.00	45.12 2.23 0.00	44.91 2.14 0.00	46.87 2.02 0.00	51.11 2.57 0.00	73.84 4.18 0.00	114.54 7.09 0.00	68.26 4.17 0.00	46.43 2.83 -2.53	42.74 2.28 -3.11	39.79 2.31 -0.87	37.49 2.12 -0.68	36.77 1.91 -1.86	32.89 1.72 -2.01	34.73 1.87 -1.09	40.30 2.21 -2.39	50.37 2.84 -4.46	66.07 4.22 -2.37	77.11 5.02 -3.28	74.28 5.50 0.00	57.78 3.78 0.00	51.90 3.35 0.00	46.35 2.71 0.00
NEG NORTH_FLCN_SEA 23793	47.63 0.56 0.00	45.12 0.62 0.00	43.44 0.56 0.00	43.42 0.64 0.00	45.75 0.90 0.00	49.51 0.97 0.00	70.91 1.25 0.00	108.85 1.40 0.00	64.92 0.83 0.00	41.56 0.49 0.00	37.81 0.45 0.00	36.98 0.37 0.00	35.04 0.35 0.00	33.30 0.30 0.00	29.34 0.17 0.00	31.79 0.03 0.00	35.67 -0.04 0.00	42.76 -0.30 0.00	58.41 -1.07 0.00	67.50 -1.31 0.00	67.19 -1.58 0.00	53.46 -0.54 0.00	47.78 -0.78 0.00	43.21 -0.44 0.00
NEG NORTH_KES_CHATAGAY 23792	47.11 0.05 0.00	44.67 0.18 0.00	43.02 0.13 0.00	42.99 0.21 0.00	45.21 0.36 0.00	49.03 0.49 0.00	70.14 0.49 0.00	107.67 0.21 0.00	64.16 0.06 0.00	41.02 -0.04 0.00	37.36 0.00 0.00	36.54 -0.07 0.00	34.62 -0.07 0.00	32.90 -0.10 0.00	28.99 -0.17 0.00	31.41 -0.35 0.00	35.27 -0.43 0.00	42.29 -0.78 0.00	57.81 -1.67 0.00	66.81 -2.00 0.00	66.51 -2.27 0.00	52.87 -1.13 0.00	47.29 -1.26 0.00	42.73 -0.92 0.00
NEG NORTH___ALICE_FALLS 23915	47.77 0.71 0.00	45.25 0.76 0.00	43.57 0.69 0.00	43.59 0.81 0.00	45.93 1.08 0.00	49.71 1.16 0.00	71.26 1.60 0.00	109.38 1.93 0.00	65.18 1.09 0.00	41.64 0.57 0.00	37.88 0.52 0.00	37.02 0.40 0.00	35.08 0.38 0.00	33.33 0.33 0.00	29.40 0.23 0.00	31.83 0.06 0.00	35.77 0.07 0.00	42.89 -0.17 0.00	58.65 -0.83 0.00	67.78 -1.03 0.00	67.47 -1.31 0.00	53.73 -0.27 0.00	47.92 -0.63 0.00	43.38 -0.26 0.00
NEG NORTH___LWR_SARANAC 23913	47.77 0.71 0.00	45.25 0.76 0.00	43.57 0.69 0.00	43.59 0.81 0.00	45.93 1.08 0.00	49.71 1.16 0.00	71.26 1.60 0.00	109.38 1.93 0.00	65.18 1.09 0.00	41.64 0.57 0.00	37.88 0.52 0.00	37.02 0.40 0.00	35.08 0.38 0.00	33.33 0.33 0.00	29.40 0.23 0.00	31.83 0.06 0.00	35.77 0.07 0.00	42.89 -0.17 0.00	58.65 -0.83 0.00	67.78 -1.03 0.00	67.47 -1.31 0.00	53.73 -0.27 0.00	47.92 -0.63 0.00	43.38 -0.26 0.00
NEG NORTH___PLATTSBURG 23628	47.77 0.71 0.00	45.25 0.76 0.00	43.57 0.68 0.00	43.58 0.81 0.00	45.93 1.07 0.00	49.70 1.16 0.00	71.26 1.60 0.00	109.39 1.94 0.00	65.18 1.09 0.00	41.60 0.53 0.00	37.92 0.56 0.00	37.02 0.40 0.00	35.08 0.38 0.00	33.33 0.33 0.00	29.40 0.23 0.00	31.83 0.06 0.00	35.77 0.07 0.00	42.93 -0.13 0.00	58.52 -0.95 0.00	67.64 -1.17 0.00	67.47 -1.31 0.00	53.51 -0.49 0.00	47.97 -0.58 0.00	43.39 -0.26 0.00
NEG WEST_LEA_LOCKPORT 23791	43.30 -3.77 0.00	40.40 -4.09 0.00	39.33 -3.56 0.00	39.31 -3.46 0.00	42.12 -2.74 0.00	43.40 -5.15 0.00	61.37 -8.29 0.00	85.87 -12.46 9.11	56.79 -7.31 0.00	35.20 -5.54 0.32	32.58 -4.78 0.00	32.04 -4.58 0.00	30.57 -4.13 0.00	29.14 -3.86 0.00	25.78 -3.38 0.00	28.21 -3.56 0.00	31.10 -4.61 0.00	37.11 -5.94 0.01	51.81 -7.61 0.06	59.81 -8.95 0.06	58.99 -8.80 0.98	45.53 -7.13 1.34	42.04 -6.46 0.06	38.84 -4.80 0.00
NEG WEST___LANCASTER 23811	44.43 -2.64 0.00	41.43 -3.07 0.00	40.44 -2.44 0.00	40.34 -2.44 0.00	43.24 -1.61 0.00	44.66 -3.88 0.00	63.32 -6.34 0.00	86.59 -8.70 12.16	58.96 -5.13 0.00	36.37 -4.27 0.42	33.66 -3.70 0.00	33.06 -3.55 0.00	31.61 -3.09 0.00	30.07 -2.94 0.00	26.60 -2.57 0.00	29.00 -2.76 0.00	31.99 -3.71 0.00	38.23 -4.82 0.01	53.25 -6.19 0.04	61.61 -7.16 0.04	60.69 -6.81 1.27	46.36 -5.89 1.75	43.22 -5.29 0.04	39.98 -3.67 0.00
NEG_PENN_ALLEGHNY 23528	47.49 0.42 0.00	44.72 0.22 0.00	43.19 0.30 0.00	43.08 0.30 0.00	45.39 0.54 0.00	48.98 0.44 0.00	70.08 0.42 0.00	105.27 0.54 2.72	64.16 0.06 0.00	39.62 -0.20 1.24	35.77 -0.07 1.52	36.12 -0.07 0.43	34.29 -0.07 0.33	32.00 -0.10 0.91	28.07 -0.12 0.98	31.19 -0.03 0.54	34.44 -0.07 1.19	40.75 -0.09 2.22	58.23 -0.06 1.19	67.10 -0.07 1.64	68.84 0.35 0.28	53.40 -0.22 0.39	48.55 0.00 0.01	43.82 0.18 0.00
NEG___GEN_MONROE 24207	45.93 -1.13 0.00	42.94 -1.56 0.00	41.56 -1.33 0.00	41.49 -1.28 0.00	44.14 -0.72 0.00	46.79 -1.75 0.00	67.01 -2.65 0.00	106.05 -3.44 -2.04	61.53 -2.56 0.00	38.72 -2.34 0.00	35.31 -2.05 0.00	34.64 -1.98 0.00	32.89 -1.80 0.00	31.32 -1.68 0.00	27.65 -1.52 0.00	30.24 -1.52 0.00	33.67 -2.04 0.00	40.48 -2.58 0.00	56.75 -2.74 -0.01	65.65 -3.17 -0.01	66.10 -2.89 -0.22	51.92 -2.38 -0.30	46.18 -2.38 -0.01	41.99 -1.66 0.00

NEPA__ENERGY 23901	44.90 -2.16 0.00	41.96 -2.54 0.00	40.91 -1.97 0.00	40.81 -1.97 0.00	43.55 -1.30 0.00	45.53 -3.01 0.00	64.50 -5.15 0.00	87.61 -7.84 11.99	59.41 -4.68 0.00	36.99 -3.70 0.38	34.26 -3.10 0.00	33.61 -3.00 0.00	32.06 -2.64 0.00	30.49 -2.51 0.00	26.95 -2.22 0.00	29.38 -2.38 0.00	32.56 -3.14 0.00	38.92 -4.13 0.01	53.14 -6.30 0.04	62.17 -6.61 0.04	61.47 -6.05 1.25	46.39 -5.89 1.72	43.56 -4.95 0.04	40.50 -3.14 0.00
NEVERSINK__HYD 23608	49.32 2.26 0.00	46.68 2.18 0.00	44.77 1.88 0.00	44.65 1.88 0.00	46.56 1.70 0.00	50.67 2.13 0.00	73.21 3.55 0.00	114.01 6.56 0.00	67.68 3.59 0.00	42.25 2.17 0.99	37.87 1.72 1.21	37.92 1.65 0.34	35.92 1.49 0.26	33.56 1.29 0.72	29.55 1.17 0.78	32.36 1.24 0.64	35.91 1.61 1.40	42.73 2.28 2.61	61.72 3.63 1.39	71.23 4.34 1.92	73.38 4.61 0.00	57.30 3.29 0.00	51.32 2.77 0.00	45.87 2.22 0.00
NEWKRMKL_115KV_TB1 55635	47.53 0.47 0.00	45.12 0.62 0.00	43.49 0.60 0.00	43.33 0.56 0.00	45.21 0.36 0.00	48.98 0.44 0.00	70.42 0.77 0.00	108.63 1.18 0.00	64.99 0.90 0.00	42.71 0.74 -0.91	39.11 0.64 -1.11	37.51 0.59 -0.31	35.49 0.56 -0.24	34.26 0.59 -0.67	30.38 0.50 -0.72	32.79 0.64 -0.39	37.42 0.86 -0.86	45.70 1.03 -1.61	61.88 1.55 -0.85	71.57 1.58 -1.18	70.29 1.51 0.00	55.19 1.19 0.00	49.86 1.31 0.00	44.52 0.87 0.00
NEWTON__FALLS_HYD 23847	46.22 -0.85 0.00	43.74 -0.76 0.00	42.24 -0.64 0.00	42.39 -0.38 0.00	44.63 -0.22 0.00	48.49 -0.05 0.00	69.94 0.28 0.00	107.24 -0.21 0.00	63.32 -0.77 0.00	40.08 -0.99 0.00	36.39 -0.97 0.00	35.52 -1.10 0.00	33.62 -1.08 0.00	31.95 -1.06 0.00	28.06 -1.11 0.00	30.40 -1.37 0.00	34.38 -1.32 0.00	41.51 -1.55 0.00	57.40 -2.08 0.00	66.75 -2.06 0.00	66.51 -2.27 0.00	52.65 -1.35 0.00	47.19 -1.36 0.00	42.64 -1.00 0.00
NGRID_A1_DSASP 323792	43.49 -3.58 0.00	40.36 -4.14 0.00	39.46 -3.43 0.00	39.22 -3.55 0.00	42.21 -2.65 0.00	43.49 -5.05 0.00	61.37 -8.29 0.00	84.06 -12.25 11.14	56.85 -7.24 0.00	35.41 -5.34 0.32	32.80 -4.56 0.00	32.26 -4.36 0.00	30.77 -3.92 0.00	29.34 -3.66 0.00	25.96 -3.21 0.00	28.36 -3.40 0.00	31.31 -4.39 0.00	37.28 -5.77 0.01	51.94 -7.49 0.04	59.89 -8.88 0.04	58.87 -8.73 1.17	45.43 -6.97 1.61	42.15 -6.36 0.04	38.93 -4.71 0.00
NGRID_A2_DSASP 323793	43.49 -3.58 0.00	40.36 -4.14 0.00	39.46 -3.43 0.00	39.22 -3.55 0.00	42.21 -2.65 0.00	43.49 -5.05 0.00	61.37 -8.29 0.00	84.06 -12.25 11.14	56.85 -7.24 0.00	35.41 -5.34 0.32	32.80 -4.56 0.00	32.26 -4.36 0.00	30.77 -3.92 0.00	29.34 -3.66 0.00	25.96 -3.21 0.00	28.36 -3.40 0.00	31.31 -4.39 0.00	37.28 -5.77 0.01	51.94 -7.49 0.04	59.89 -8.88 0.04	58.87 -8.73 1.17	45.43 -6.97 1.61	42.15 -6.36 0.04	38.93 -4.71 0.00
NGRID_A4_DSASP 323807	43.49 -3.58 0.00	40.36 -4.14 0.00	39.46 -3.43 0.00	39.22 -3.55 0.00	42.21 -2.65 0.00	43.49 -5.05 0.00	61.37 -8.29 0.00	84.06 -12.25 11.14	56.85 -7.24 0.00	35.41 -5.34 0.32	32.80 -4.56 0.00	32.26 -4.36 0.00	30.77 -3.92 0.00	29.34 -3.66 0.00	25.96 -3.21 0.00	28.36 -3.40 0.00	31.31 -4.39 0.00	37.28 -5.77 0.01	51.94 -7.49 0.04	59.89 -8.88 0.04	58.87 -8.73 1.17	45.43 -6.97 1.61	42.15 -6.36 0.04	38.93 -4.71 0.00
NIAGARA_115E_LBMP 323715	42.50 -4.56 0.00	39.83 -4.67 0.00	38.64 -4.25 0.00	38.75 -4.02 0.00	41.58 -3.27 0.00	43.54 -5.00 0.00	60.04 -9.61 0.00	82.53 -14.83 10.09	55.57 -8.52 0.00	34.53 -6.20 0.33	32.13 -5.23 0.00	31.71 -4.91 0.00	30.15 -4.54 0.00	28.78 -4.22 0.00	25.34 -3.82 0.00	27.76 -4.00 0.00	30.56 -5.14 0.00	36.38 -6.67 0.01	50.80 -8.62 0.05	58.78 -9.98 0.05	57.60 -10.11 1.07	44.43 -8.10 1.47	41.03 -7.48 0.05	38.06 -5.59 0.00
NIAGARA_115W_LBMP 323714	43.48 -3.58 0.00	40.31 -4.18 0.00	39.41 -3.47 0.00	39.18 -3.59 0.00	42.34 -2.51 0.00	44.41 -4.13 0.00	61.37 -8.29 0.00	84.06 -12.25 11.14	56.78 -7.31 0.00	35.41 -5.34 0.32	32.91 -4.45 0.00	32.48 -4.14 0.00	30.84 -3.85 0.00	29.47 -3.53 0.00	25.96 -3.21 0.00	28.39 -3.37 0.00	31.27 -4.43 0.00	37.24 -5.81 0.01	51.88 -7.55 0.04	60.16 -8.60 0.04	58.87 -8.74 1.17	45.37 -7.02 1.61	41.96 -6.56 0.04	38.89 -4.76 0.00
NIAGARA_230_LBMP 323716	43.44 -3.62 0.00	40.40 -4.09 0.00	39.37 -3.52 0.00	39.27 -3.51 0.00	42.30 -2.55 0.00	44.51 -4.03 0.00	61.51 -8.15 0.00	84.00 -12.35 11.10	56.91 -7.18 0.00	35.49 -5.26 0.32	32.99 -4.37 0.00	32.55 -4.07 0.00	30.91 -3.78 0.00	29.54 -3.46 0.00	26.01 -3.15 0.00	28.46 -3.30 0.00	31.35 -4.36 0.00	37.33 -5.73 0.01	52.00 -7.44 0.04	60.30 -8.47 0.04	59.01 -8.60 1.16	45.49 -6.91 1.60	42.05 -6.46 0.04	38.98 -4.67 0.00
NIAGARA__115KV_198_GIBSON 55903	43.49 -3.58 0.00	40.31 -4.18 0.00	39.41 -3.47 0.00	39.18 -3.59 0.00	42.21 -2.65 0.00	43.40 -5.15 0.00	61.30 -8.36 0.00	84.06 -12.25 11.14	56.79 -7.31 0.00	35.37 -5.38 0.32	32.76 -4.60 0.00	32.22 -4.39 0.00	30.74 -3.96 0.00	29.31 -3.70 0.00	25.93 -3.24 0.00	28.36 -3.40 0.00	31.28 -4.43 0.00	37.24 -5.81 0.01	51.88 -7.55 0.04	59.82 -8.95 0.04	58.80 -8.80 1.17	45.37 -7.02 1.61	42.10 -6.41 0.04	38.89 -4.76 0.00
NIAGARA__ 23760	43.44 -3.62 0.00	40.40 -4.09 0.00	39.37 -3.52 0.00	39.27 -3.51 0.00	42.30 -2.55 0.00	44.51 -4.03 0.00	61.51 -8.15 0.00	84.44 -12.35 10.66	56.91 -7.18 0.00	35.49 -5.26 0.32	32.99 -4.37 0.00	32.55 -4.07 0.00	30.91 -3.78 0.00	29.54 -3.46 0.00	26.01 -3.15 0.00	28.46 -3.30 0.00	31.35 -4.36 0.00	37.33 -5.73 0.01	52.00 -7.44 0.05	60.30 -8.47 0.05	59.05 -8.60 1.13	45.54 -6.91 1.55	42.05 -6.46 0.05	38.98 -4.67 0.00
NINE_MILE_1 23575	46.03 -1.04 0.00	43.43 -1.07 0.00	41.90 -0.98 0.00	41.79 -0.98 0.00	43.91 -0.94 0.00	47.47 -1.07 0.00	68.06 -1.60 0.00	105.09 -2.36 0.00	62.55 -1.54 0.00	39.96 -1.11 0.00	36.43 -0.93 0.00	35.70 -0.91 0.00	33.83 -0.87 0.00	32.18 -0.82 0.00	28.46 -0.70 0.00	31.03 -0.73 0.00	34.77 -0.93 0.00	41.94 -1.12 0.00	58.05 -1.43 0.00	67.23 -1.58 0.00	67.20 -1.58 0.00	52.70 -1.30 0.00	47.34 -1.21 0.00	42.60 -1.05 0.00
NINE_MILE_2 23744	46.03 -1.04 0.00	43.43 -1.07 0.00	41.90 -0.98 0.00	41.79 -0.98 0.00	43.91 -0.94 0.00	47.47 -1.07 0.00	68.06 -1.60 0.00	105.09 -2.36 0.00	62.55 -1.54 0.00	39.96 -1.11 0.00	36.43 -0.93 0.00	35.70 -0.91 0.00	33.83 -0.87 0.00	32.21 -0.79 0.00	28.46 -0.70 0.00	31.03 -0.73 0.00	34.77 -0.93 0.00	41.94 -1.12 0.00	58.05 -1.43 0.00	67.23 -1.58 0.00	67.26 -1.51 0.00	52.70 -1.30 0.00	47.34 -1.21 0.00	42.60 -1.05 0.00
NM_CAPITAL__DRP 24208	47.53 0.47 0.00	45.12 0.62 0.00	43.53 0.64 0.00	43.37 0.60 0.00	45.21 0.36 0.00	49.03 0.49 0.00	70.49 0.84 0.00	108.52 1.07 0.00	64.99 0.90 0.00	42.85 0.82 -0.96	39.24 0.71 -1.18	37.60 0.66 -0.33	35.57 0.62 -0.26	34.37 0.66 -0.70	30.51 0.58 -0.76	32.91 0.73 -0.41	37.50 0.89 -0.91	45.88 1.12 -1.70	61.93 1.55 -0.90	71.71 1.65 -1.25	70.36 1.58 0.00	55.24 1.24 0.00	49.91 1.36 0.00	44.56 0.92 0.00

NM_CENTRAL___DRP 24181	47.02 -0.05 0.00	44.32 -0.18 0.00	42.72 -0.17 0.00	42.65 -0.13 0.00	44.85 0.00 0.00	48.40 -0.15 0.00	69.52 -0.14 0.00	107.56 0.11 0.00	63.96 -0.13 0.00	40.78 -0.29 0.00	37.14 -0.22 0.00	36.40 -0.22 0.00	34.49 -0.21 0.00	32.77 -0.23 0.00	28.99 -0.17 0.00	31.57 -0.19 0.00	35.42 -0.29 0.00	42.76 -0.30 0.00	59.24 -0.24 0.00	68.60 -0.21 0.00	68.71 -0.07 0.00	53.78 -0.22 0.00	48.26 -0.29 0.00	43.47 -0.17 0.00
NM_FRONTIER___DRP 24179	43.49 -3.58 0.00	40.31 -4.18 0.00	39.41 -3.47 0.00	39.18 -3.59 0.00	42.21 -2.65 0.00	43.40 -5.15 0.00	61.30 -8.36 0.00	84.06 -12.25 11.14	56.79 -7.31 0.00	35.37 -5.38 0.32	32.76 -4.60 0.00	32.22 -4.39 0.00	30.74 -3.96 0.00	29.31 -3.70 0.00	25.93 -3.24 0.00	28.36 -3.40 0.00	31.28 -4.43 0.00	37.24 -5.81 0.01	51.88 -7.55 0.04	59.82 -8.95 0.04	58.80 -8.80 1.17	45.37 -7.02 1.61	42.10 -6.41 0.04	38.89 -4.76 0.00
NM_ST_REGIS___HYD 24053	46.40 -0.66 0.00	43.96 -0.53 0.00	42.33 -0.56 0.00	42.39 -0.38 0.00	44.67 -0.18 0.00	48.44 -0.10 0.00	69.45 -0.21 0.00	106.38 -1.07 0.00	63.19 -0.90 0.00	40.28 -0.78 0.00	36.61 -0.75 0.00	35.74 -0.88 0.00	33.86 -0.83 0.00	32.21 -0.79 0.00	28.38 -0.79 0.00	30.75 -1.02 0.00	34.67 -1.04 0.00	41.69 -1.38 0.00	57.04 -2.44 0.00	66.19 -2.61 0.00	65.96 -2.82 0.00	52.65 -1.35 0.00	47.00 -1.55 0.00	42.55 -1.09 0.00
NORTHPORT___1 23551	49.98 2.92 0.00	47.08 2.58 0.00	44.99 2.10 0.00	44.91 2.14 0.00	46.65 1.80 0.00	50.67 2.13 0.00	78.27 2.71 -5.90	130.93 4.72 -18.76	69.74 2.05 -3.60	48.37 3.45 -3.86	45.42 3.32 -4.74	41.28 3.33 -1.33	38.89 3.16 -1.04	38.84 3.00 -2.84	34.91 2.68 -3.06	36.31 2.86 -1.68	44.04 3.28 -5.05	54.67 4.05 -7.56	72.45 5.24 -7.74	87.12 5.78 -12.53	80.74 5.84 -6.12	59.95 4.54 -1.42	55.65 4.03 -3.07	52.70 3.58 -5.47
NORTHPORT___2 23552	49.89 2.82 0.00	46.94 2.45 0.00	44.86 1.97 0.00	44.78 2.01 0.00	46.51 1.66 0.00	50.53 1.99 0.00	53.72 2.23 18.17	53.72 3.98 57.71	54.63 1.60 11.06	48.25 3.32 -3.86	45.31 3.21 -4.74	41.13 3.18 -1.33	38.75 3.02 -1.04	38.71 2.87 -2.84	34.79 2.57 -3.06	36.21 2.76 -1.68	43.93 3.18 -5.05	54.41 3.79 -7.56	55.36 4.82 8.93	56.12 5.30 17.99	55.36 5.37 18.78	55.36 4.16 2.80	55.36 3.74 -3.07	52.53 3.41 -5.48
NORTHPORT___3 23553	49.84 2.78 0.00	46.94 2.45 0.00	44.86 1.97 0.00	44.78 2.01 0.00	46.51 1.66 0.00	50.53 1.99 0.00	61.21 2.23 10.67	77.53 3.98 33.90	59.19 1.60 6.50	48.21 3.29 -3.86	45.27 3.17 -4.74	41.13 3.18 -1.33	38.75 3.02 -1.04	38.68 2.84 -2.84	34.79 2.57 -3.06	36.18 2.73 -1.68	43.90 3.14 -5.05	54.37 3.74 -7.56	60.34 4.76 3.90	65.55 5.23 8.49	63.04 5.30 11.03	56.36 4.10 1.74	55.32 3.69 -3.08	52.50 3.36 -5.50
NORTHPORT___4 23650	49.84 2.78 0.00	46.94 2.45 0.00	44.86 1.97 0.00	44.78 2.01 0.00	46.51 1.66 0.00	50.53 1.99 0.00	61.21 2.23 10.67	77.53 3.98 33.90	59.19 1.60 6.50	48.21 3.29 -3.86	45.27 3.17 -4.74	41.13 3.18 -1.33	38.75 3.02 -1.04	38.68 2.84 -2.84	34.79 2.57 -3.06	36.18 2.73 -1.68	43.90 3.14 -5.05	54.37 3.74 -7.56	60.34 4.76 3.90	65.55 5.23 8.49	63.04 5.30 11.03	56.36 4.10 1.74	55.32 3.69 -3.08	52.50 3.36 -5.50
NORTHPORT___IC 23718	49.98 2.92 0.00	47.08 2.58 0.00	44.99 2.10 0.00	44.91 2.14 0.00	46.65 1.79 0.00	51.11 2.57 0.00	78.35 2.79 -5.90	130.94 4.73 -18.76	69.74 2.05 -3.60	48.41 3.49 -3.86	45.42 3.33 -4.74	41.24 3.30 -1.33	38.89 3.16 -1.04	38.81 2.97 -2.84	34.88 2.65 -3.06	36.30 2.86 -1.68	44.04 3.28 -5.05	54.67 4.05 -7.56	72.39 5.17 -7.74	87.12 5.78 -12.53	80.74 5.85 -6.12	59.85 4.43 -1.42	55.70 4.08 -3.07	52.70 3.58 -5.47
NORTH___COUNTRY_ESR 323785	46.97 -0.09 0.00	44.54 0.04 0.00	42.89 0.00 0.00	42.86 0.09 0.00	45.08 0.23 0.00	48.88 0.34 0.00	69.94 0.28 0.00	107.34 -0.11 0.00	64.09 0.00 0.00	41.02 -0.04 0.00	37.40 0.04 0.00	36.54 -0.07 0.00	34.59 -0.10 0.00	32.87 -0.13 0.00	28.99 -0.17 0.00	31.38 -0.38 0.00	35.20 -0.50 0.00	42.24 -0.82 0.00	57.57 -1.91 0.00	66.47 -2.34 0.00	66.30 -2.47 0.00	52.49 -1.51 0.00	47.14 -1.41 0.00	42.60 -1.05 0.00
NPX_GEN_1385_PROXY 323591	49.98 2.92 0.00	47.08 2.58 0.00	44.99 2.10 0.00	44.91 2.14 0.00	46.65 1.80 0.00	50.67 2.13 0.00	78.27 2.71 -5.90	122.57 4.72 -10.39	72.04 2.05 -5.90	54.44 3.45 -9.92	45.42 3.32 -4.74	41.28 3.33 -1.33	38.89 3.16 -1.04	38.84 3.00 -2.84	34.91 2.68 -3.06	36.31 2.86 -1.68	44.04 3.28 -5.05	54.67 4.05 -7.56	72.45 5.24 -7.74	87.12 5.78 -12.53	80.74 5.84 -6.12	59.95 4.54 -1.42	55.65 4.03 -3.07	52.70 3.58 -5.47
NPX_GEN_CSC 323557	49.98 2.92 0.00	46.99 2.49 0.00	44.90 2.02 0.00	45.04 2.27 0.00	46.56 1.70 0.00	50.73 2.19 0.00	76.13 3.06 -3.41	115.29 5.37 -2.47	70.52 2.05 -4.38	54.60 3.61 -9.92	46.17 4.07 -4.74	42.01 4.06 -1.33	39.62 3.88 -1.04	39.53 3.70 -2.84	35.52 3.29 -3.06	37.00 3.56 -1.68	44.90 4.14 -5.05	55.76 5.12 -7.57	73.81 6.37 -7.97	84.64 6.47 -9.37	79.25 6.94 -3.54	66.17 5.83 -6.34	57.00 5.34 -3.11	53.85 4.67 -5.53
NSINS_S___GLNS_FALLS 23858	47.91 0.85 0.00	45.34 0.85 0.00	43.57 0.69 0.00	43.42 0.64 0.00	45.53 0.67 0.00	49.51 0.97 0.00	71.47 1.81 0.00	110.24 2.79 0.00	65.44 1.35 0.00	42.43 0.53 -0.83	39.09 0.71 -1.02	37.56 0.66 -0.29	35.47 0.56 -0.22	34.24 0.63 -0.61	30.26 0.44 -0.66	32.82 0.70 -0.36	37.63 1.14 -0.79	45.40 0.86 -1.47	62.22 1.96 -0.78	72.51 2.61 -1.08	71.18 2.41 0.00	55.78 1.78 0.00	50.20 1.65 0.00	44.56 0.92 0.00
NUCOR_STEEL___DRP 24197	47.72 0.66 0.00	44.94 0.44 0.00	43.36 0.47 0.00	43.24 0.47 0.00	45.57 0.72 0.00	49.12 0.58 0.00	70.63 0.98 0.00	110.78 1.72 -1.61	64.67 0.58 0.00	41.11 0.04 0.00	37.40 0.04 0.00	36.61 0.00 0.00	34.69 0.00 0.00	32.97 -0.03 0.00	29.13 -0.03 0.00	31.76 0.00 0.00	35.67 -0.04 0.00	43.15 0.09 0.00	59.90 0.42 0.00	69.43 0.62 0.00	69.76 0.83 -0.16	54.66 0.43 -0.23	48.84 0.29 0.00	44.04 0.39 0.00
NUMBER_THREE_WT_PWR 323818	47.11 0.05 0.00	44.54 0.04 0.00	43.19 0.30 0.00	43.33 0.55 0.00	45.70 0.85 0.00	49.66 1.12 0.00	71.89 2.23 0.00	110.35 2.90 0.00	64.99 0.90 0.00	41.02 -0.04 0.00	37.25 -0.11 0.00	36.28 -0.33 0.00	34.35 -0.35 0.00	32.61 -0.39 0.00	28.55 -0.61 0.00	30.91 -0.86 0.00	34.92 -0.79 0.00	42.29 -0.77 0.00	58.65 -0.83 0.00	68.33 -0.48 0.00	68.09 -0.69 0.00	53.41 -0.59 0.00	48.07 -0.49 0.00	43.47 -0.17 0.00
NYISO_LBMP_REFERENCE 24008	47.06 0.00 0.00	44.50 0.00 0.00	42.89 0.00 0.00	42.77 0.00 0.00	44.85 0.00 0.00	48.54 0.00 0.00	69.66 0.00 0.00	107.45 0.00 0.00	64.09 0.00 0.00	41.07 0.00 0.00	37.36 0.00 0.00	36.61 0.00 0.00	34.69 0.00 0.00	33.00 0.00 0.00	29.16 0.00 0.00	31.76 0.00 0.00	35.70 0.00 0.00	43.06 0.00 0.00	59.48 0.00 0.00	68.81 0.00 0.00	68.78 0.00 0.00	54.00 0.00 0.00	48.55 0.00 0.00	43.65 0.00 0.00

NYPA_BRENTWD____GT 24164	50.55 3.48 0.00	47.56 3.07 0.00	45.46 2.57 0.00	45.38 2.61 0.00	47.14 2.29 0.00	51.11 2.57 0.00	76.30 3.48 -3.16	123.18 5.69 -10.04	68.64 2.63 -1.92	48.83 3.90 -3.86	45.87 3.77 -4.74	41.69 3.74 -1.33	39.27 3.54 -1.04	39.21 3.37 -2.84	35.23 3.00 -3.06	36.69 3.24 -1.68	44.50 3.75 -5.05	55.29 4.65 -7.58	71.55 5.95 -6.12	84.53 6.67 -9.05	78.86 6.81 -3.28	61.15 5.13 -2.01	56.41 4.71 -3.15	53.45 4.19 -5.62
NYPA_GOWANUS____GT5 24156	49.65 2.59 0.00	47.12 2.62 0.00	45.03 2.14 0.00	44.83 2.05 0.00	46.65 1.80 0.00	50.53 1.99 0.00	73.14 3.48 0.00	113.90 6.45 0.00	67.81 3.72 0.00	48.21 3.29 -3.86	44.93 2.84 -4.73	40.83 2.89 -1.33	38.47 2.74 -1.03	38.37 2.54 -2.83	34.47 2.25 -3.06	35.82 2.38 -1.68	42.19 2.82 -3.67	53.54 3.62 -6.86	68.12 5.00 -3.64	79.63 5.78 -5.04	74.55 5.78 0.00	58.05 4.05 0.00	52.00 3.45 0.00	46.61 2.97 0.00
NYPA_GOWANUS____GT6 24157	49.65 2.59 0.00	47.12 2.62 0.00	45.03 2.14 0.00	44.83 2.05 0.00	46.65 1.80 0.00	50.53 1.99 0.00	73.14 3.48 0.00	113.90 6.45 0.00	67.81 3.72 0.00	48.21 3.29 -3.86	44.93 2.84 -4.73	40.83 2.89 -1.33	38.47 2.74 -1.03	38.37 2.54 -2.83	34.47 2.25 -3.06	35.82 2.38 -1.68	42.19 2.82 -3.67	53.54 3.62 -6.86	68.12 5.00 -3.64	79.63 5.78 -5.04	74.55 5.78 0.00	58.05 4.05 0.00	52.00 3.45 0.00	46.61 2.97 0.00
NYPA_HARLEM__RVR__GT1 24160	49.46 2.40 0.00	46.85 2.36 0.00	44.77 1.88 0.00	44.53 1.75 0.00	46.38 1.53 0.00	50.13 1.60 0.01	72.57 2.93 0.01	113.13 5.69 0.01	67.48 3.39 0.01	48.12 3.21 -3.85	44.78 2.69 -4.73	40.68 2.75 -1.32	38.32 2.60 -1.02	38.23 2.41 -2.82	34.37 2.16 -3.05	35.72 2.29 -1.67	42.01 2.64 -3.66	53.28 3.36 -6.85	67.58 4.46 -3.64	79.01 5.16 -5.03	73.93 5.16 0.01	57.56 3.56 0.01	51.81 3.25 0.00	46.44 2.80 0.00
NYPA_HARLEM__RVR__GT2 24161	49.46 2.40 0.00	46.85 2.36 0.00	44.77 1.88 0.00	44.53 1.75 0.00	46.38 1.53 0.00	50.13 1.60 0.01	72.57 2.93 0.01	113.13 5.69 0.01	67.48 3.39 0.01	48.12 3.21 -3.85	44.78 2.69 -4.73	40.68 2.75 -1.32	38.32 2.60 -1.02	38.23 2.41 -2.82	34.37 2.16 -3.05	35.72 2.29 -1.67	42.01 2.64 -3.66	53.28 3.36 -6.85	67.58 4.46 -3.64	79.01 5.16 -5.03	73.93 5.16 0.01	57.56 3.56 0.01	51.81 3.25 0.00	46.44 2.80 0.00
NYPA_KENT____GT 24152	49.60 2.54 0.00	47.03 2.54 0.00	44.99 2.10 0.00	44.78 2.01 0.00	46.60 1.75 0.00	50.48 1.94 0.00	73.07 3.41 0.00	113.79 6.34 0.00	67.81 3.72 0.00	48.21 3.29 -3.86	44.90 2.80 -4.73	40.83 2.89 -1.33	38.47 2.74 -1.03	38.37 2.54 -2.83	34.47 2.25 -3.06	35.82 2.38 -1.68	42.19 2.82 -3.67	53.50 3.57 -6.86	67.94 4.82 -3.64	79.49 5.64 -5.04	74.34 5.57 0.00	57.94 3.94 0.00	51.95 3.40 0.00	46.57 2.92 0.00
NYPA_POUCH1____GT 24155	49.60 2.54 0.00	47.03 2.54 0.00	44.99 2.10 0.00	44.74 1.97 0.00	46.56 1.70 0.00	50.43 1.89 0.00	73.00 3.34 0.00	113.68 6.23 0.00	67.61 3.52 0.00	48.09 3.16 -3.86	44.82 2.73 -4.73	40.76 2.82 -1.33	38.40 2.67 -1.03	38.28 2.44 -2.83	34.41 2.19 -3.06	35.76 2.32 -1.68	42.12 2.75 -3.67	53.46 3.53 -6.86	68.06 4.93 -3.64	79.63 5.78 -5.04	74.48 5.71 0.00	58.00 4.00 0.00	51.95 3.40 0.00	46.61 2.97 0.00
NYPA_VERNON____GT2 24162	49.56 2.49 0.00	46.99 2.49 0.00	44.95 2.06 0.00	44.74 1.97 0.00	46.60 1.75 0.00	50.48 1.94 0.00	73.07 3.41 0.00	113.68 6.23 0.00	67.81 3.72 0.00	48.21 3.29 -3.86	44.90 2.80 -4.73	40.83 2.89 -1.33	38.43 2.71 -1.03	38.34 2.51 -2.83	34.44 2.22 -3.06	35.82 2.38 -1.68	42.16 2.79 -3.67	53.46 3.53 -6.86	67.82 4.70 -3.64	79.29 5.43 -5.04	74.14 5.37 0.00	57.84 3.83 0.00	51.90 3.35 0.00	46.48 2.84 0.00
NYPA_VERNON____GT3 24163	49.56 2.49 0.00	46.99 2.49 0.00	44.95 2.06 0.00	44.74 1.97 0.00	46.60 1.75 0.00	50.48 1.94 0.00	73.07 3.41 0.00	113.68 6.23 0.00	67.81 3.72 0.00	48.21 3.29 -3.86	44.90 2.80 -4.73	40.83 2.89 -1.33	38.43 2.71 -1.03	38.34 2.51 -2.83	34.44 2.22 -3.06	35.82 2.38 -1.68	42.16 2.79 -3.67	53.46 3.53 -6.86	67.82 4.70 -3.64	79.29 5.43 -5.04	74.14 5.37 0.00	57.84 3.83 0.00	51.90 3.35 0.00	46.48 2.84 0.00
NYPA__ASTORIA_CC1 323568	49.51 2.45 0.00	46.94 2.45 0.00	44.90 2.02 0.00	44.70 1.93 0.00	46.56 1.70 0.00	50.43 1.89 0.00	73.00 3.34 0.00	113.57 6.12 0.00	67.74 3.65 0.00	48.17 3.24 -3.86	44.90 2.80 -4.73	40.80 2.86 -1.33	38.43 2.71 -1.03	38.34 2.51 -2.83	34.44 2.22 -3.06	35.79 2.35 -1.68	42.12 2.75 -3.67	53.41 3.49 -6.86	67.77 4.64 -3.64	79.22 5.37 -5.04	74.07 5.30 0.00	57.78 3.78 0.00	51.86 3.30 0.00	46.48 2.84 0.00
NYPA__ASTORIA_CC2 323569	49.51 2.45 0.00	46.94 2.45 0.00	44.90 2.02 0.00	44.70 1.93 0.00	46.56 1.70 0.00	50.43 1.89 0.00	73.00 3.34 0.00	113.57 6.12 0.00	67.74 3.65 0.00	48.17 3.24 -3.86	44.90 2.80 -4.73	40.80 2.86 -1.33	38.43 2.71 -1.03	38.34 2.51 -2.83	34.44 2.22 -3.06	35.79 2.35 -1.68	42.12 2.75 -3.67	53.41 3.49 -6.86	67.77 4.64 -3.64	79.22 5.37 -5.04	74.07 5.30 0.00	57.78 3.78 0.00	51.86 3.30 0.00	46.48 2.84 0.00
NYPA__HOLTSVILL 23794	50.36 3.29 0.00	47.35 2.85 0.00	45.24 2.36 0.00	45.25 2.48 0.00	46.92 2.06 0.00	51.06 2.52 0.00	76.76 3.48 -3.63	124.88 5.91 -11.52	68.87 2.57 -2.21	48.70 3.78 -3.86	45.91 3.81 -4.74	41.76 3.81 -1.33	39.34 3.61 -1.04	39.27 3.43 -2.84	35.29 3.06 -3.06	36.75 3.30 -1.68	44.61 3.86 -5.05	55.33 4.69 -7.57	73.54 6.13 -7.93	85.12 6.67 -9.64	79.48 6.94 -3.76	65.52 5.35 -6.17	56.46 4.81 -3.10	53.45 4.28 -5.52
NYPA__HELLGATE_GT1 24158	49.46 2.40 0.00	46.85 2.36 0.00	44.77 1.88 0.00	44.53 1.75 0.00	46.38 1.53 0.00	50.13 1.60 0.01	72.57 2.93 0.01	113.13 5.69 0.01	67.48 3.39 0.01	48.12 3.21 -3.85	44.78 2.69 -4.73	40.68 2.75 -1.32	38.32 2.60 -1.02	38.23 2.41 -2.82	34.37 2.16 -3.05	35.72 2.29 -1.67	42.01 2.64 -3.66	53.28 3.36 -6.85	67.58 4.46 -3.64	79.01 5.16 -5.03	73.93 5.16 0.01	57.56 3.56 0.01	51.81 3.25 0.00	46.44 2.80 0.00
NYPA__HELLGATE_GT2 24159	49.46 2.40 0.00	46.85 2.36 0.00	44.77 1.88 0.00	44.53 1.75 0.00	46.38 1.53 0.00	50.13 1.60 0.01	72.57 2.93 0.01	113.13 5.69 0.01	67.48 3.39 0.01	48.12 3.21 -3.85	44.78 2.69 -4.73	40.68 2.75 -1.32	38.32 2.60 -1.02	38.23 2.41 -2.82	34.37 2.16 -3.05	35.72 2.29 -1.67	42.01 2.64 -3.66	53.28 3.36 -6.85	67.58 4.46 -3.64	79.01 5.16 -5.03	73.93 5.16 0.01	57.56 3.56 0.01	51.81 3.25 0.00	46.44 2.80 0.00
NYS_BARGE__HYD 23848	43.30 -3.77 0.00	40.49 -4.00 0.00	39.33 -3.56 0.00	39.39 -3.38 0.00	42.30 -2.55 0.00	44.41 -4.13 0.00	61.51 8.47 0.00	86.62 -12.35 8.47	56.85 -7.24 0.00	35.26 -5.50 0.30	32.73 -4.63 0.00	32.29 -4.32 0.00	30.67 -4.02 0.00	29.31 -3.70 0.00	25.78 -3.38 0.00	28.27 -3.49 0.00	31.13 -4.57 0.00	37.11 -5.94 0.01	51.86 -7.55 0.06	60.14 -8.60 0.06	59.19 -8.67 0.92	45.68 -7.07 1.25	41.94 -6.56 0.06	38.89 -4.76 0.00

OAK ORCHARD___HYD 24046	46.03 -1.04 0.00	43.12 -1.38 0.00	41.73 -1.16 0.00	41.66 -1.11 0.00	44.32 -0.54 0.00	47.52 -1.02 0.00	67.50 -2.16 0.00	107.20 -2.79 -2.55	62.10 -1.99 0.00	39.18 -1.89 0.00	35.79 -1.57 0.00	35.22 -1.39 0.00	33.38 -1.32 0.00	31.78 -1.22 0.00	28.00 -1.17 0.00	30.62 -1.14 0.00	34.10 -1.61 0.00	41.04 -2.02 0.00	57.35 -2.14 -0.01	66.55 -2.27 -0.01	66.71 -2.34 -0.27	52.43 -1.94 -0.37	46.38 -2.18 -0.01	42.16 -1.48 0.00
OAKDALE___35_KV_LOAD 356122	47.30 0.24 0.00	44.59 0.09 0.00	43.02 0.13 0.00	42.94 0.17 0.00	45.21 0.36 0.00	48.64 0.10 0.00	69.73 0.07 0.00	104.50 -0.11 2.85	63.84 -0.26 0.00	39.45 -0.37 1.25	35.57 -0.26 1.53	35.93 -0.26 0.43	34.15 -0.21 0.33	31.86 -0.23 0.92	27.94 -0.23 0.99	31.09 -0.13 0.55	34.32 -0.18 1.20	40.60 -0.22 2.25	57.80 -0.48 1.20	66.95 -0.21 1.66	68.48 0.00 0.30	53.11 -0.49 0.41	48.21 -0.34 0.01	43.65 0.00 0.00
OCC_CHEM___DRP 24175	43.49 -3.58 0.00	40.36 -4.14 0.00	39.46 -3.43 0.00	39.22 -3.55 0.00	42.21 -2.65 0.00	43.49 -5.05 0.00	61.37 -8.29 0.00	84.06 -12.25 11.14	56.85 -7.24 0.00	35.41 -5.34 0.32	32.80 -4.56 0.00	32.26 -4.36 0.00	30.77 -3.92 0.00	29.34 -3.66 0.00	25.96 -3.21 0.00	28.36 -3.40 0.00	31.31 -4.39 0.00	37.28 -5.77 0.01	51.94 -7.49 0.04	59.89 -8.88 0.04	58.87 -8.73 1.17	45.43 -6.97 1.61	42.15 -6.36 0.04	38.93 -4.71 0.00
OH_GEN_PROXY 24063	43.53 -3.53 0.00	40.45 -4.05 0.00	39.41 -3.47 0.00	39.31 -3.46 0.00	42.34 -2.51 0.00	44.61 -3.93 0.00	61.71 -7.94 0.00	76.18 -12.03 19.23	59.41 -6.98 -2.30	41.70 -5.13 -5.77	33.10 -4.26 0.00	32.70 -3.92 0.00	31.05 -3.64 0.00	29.64 -3.37 0.00	26.10 -3.06 0.00	28.56 -3.21 0.00	31.45 -4.25 0.01	37.50 -5.56 0.04	52.18 -7.26 0.04	60.51 -8.26 0.04	59.31 -8.32 1.14	45.68 -6.75 1.57	42.20 -6.31 0.04	39.06 -4.58 0.00
OLIN_CORP_DRP 24177	42.64 -4.42 0.00	39.91 -4.58 0.00	38.73 -4.16 0.00	38.80 -3.98 0.00	41.53 -3.32 0.00	42.62 -5.92 0.00	60.18 -9.47 0.00	82.57 -14.51 10.38	55.76 -8.33 0.00	34.61 -6.12 0.34	32.09 -5.27 0.00	31.56 -5.05 0.00	30.11 -4.58 0.00	28.71 -4.29 0.00	25.43 -3.73 0.00	27.82 -3.94 0.00	30.63 -5.07 0.00	36.51 -6.55 0.01	51.04 -8.39 0.05	58.78 -9.98 0.05	57.70 -9.97 1.10	44.55 -7.94 1.51	41.32 -7.19 0.05	38.19 -5.46 0.00
OLIN_CORP_DSASP 323712	43.49 -3.58 0.00	40.36 -4.14 0.00	39.46 -3.43 0.00	39.22 -3.55 0.00	42.21 -2.65 0.00	43.49 -5.05 0.00	61.37 -8.29 0.00	84.06 -12.25 11.14	56.85 -7.24 0.00	35.41 -5.34 0.32	32.80 -4.56 0.00	32.26 -4.36 0.00	30.77 -3.92 0.00	29.34 -3.66 0.00	25.96 -3.21 0.00	28.36 -3.40 0.00	31.31 -4.39 0.00	37.28 -5.77 0.01	51.94 -7.49 0.04	59.89 -8.88 0.04	58.87 -8.73 1.17	45.43 -6.97 1.61	42.15 -6.36 0.04	38.93 -4.71 0.00
ONEIDA_HERK_LFGE 323681	47.67 0.61 0.00	45.03 0.54 0.00	43.53 0.64 0.00	43.54 0.77 0.00	45.80 0.94 0.00	49.70 1.16 0.00	71.74 2.09 0.00	110.45 3.00 0.00	65.44 1.35 0.00	41.52 0.45 0.00	37.70 0.34 0.00	36.80 0.18 0.00	34.83 0.14 0.00	33.10 0.10 0.00	29.11 -0.06 0.00	31.64 -0.13 0.00	35.74 0.04 0.00	43.24 0.17 0.00	60.01 0.53 0.00	69.70 0.89 0.00	69.53 0.76 0.00	54.54 0.54 0.00	49.04 0.49 0.00	44.13 0.48 0.00
ONEIDA___115KV_TB4 55905	48.24 1.18 0.00	45.52 1.02 0.00	43.92 1.03 0.00	43.89 1.11 0.00	46.11 1.26 0.00	49.95 1.41 0.00	72.09 2.44 0.00	111.10 3.65 0.00	65.89 1.79 0.00	41.80 0.74 0.00	37.96 0.60 0.00	37.09 0.48 0.00	35.14 0.45 0.00	33.37 0.36 0.00	29.43 0.26 0.00	32.05 0.29 0.00	36.17 0.46 0.00	43.80 0.73 0.00	60.91 1.43 0.00	70.67 1.86 0.00	70.63 1.86 0.00	55.24 1.24 0.00	49.67 1.12 0.00	44.65 1.00 0.00
ONONDAGA_REF_OCCRA 23987	47.25 0.19 0.00	44.54 0.04 0.00	42.93 0.04 0.00	42.82 0.04 0.00	45.03 0.18 0.00	48.64 0.10 0.00	69.87 0.21 0.00	108.10 0.64 0.00	64.28 0.19 0.00	40.94 -0.12 0.00	37.29 -0.07 0.00	36.51 -0.11 0.00	34.59 -0.10 0.00	32.90 -0.10 0.00	29.08 -0.09 0.00	31.67 -0.10 0.00	35.56 -0.14 0.00	42.98 -0.09 0.00	59.54 0.06 0.00	69.02 0.21 0.00	69.12 0.34 0.00	54.05 0.05 0.00	48.50 -0.05 0.00	43.65 0.00 0.00
ONONDAGA___COGEN 23986	47.30 0.24 0.00	44.59 0.09 0.00	43.02 0.13 0.00	42.90 0.13 0.00	45.12 0.27 0.00	48.69 0.15 0.00	69.94 0.28 0.00	108.31 0.86 0.00	64.35 0.26 0.00	40.98 -0.08 0.00	37.36 0.00 0.00	36.58 -0.04 0.00	34.66 -0.03 0.00	32.94 -0.07 0.00	29.11 -0.06 0.00	31.73 -0.03 0.00	35.60 -0.11 0.00	42.98 -0.09 0.00	59.54 0.06 0.00	69.02 0.21 0.00	69.12 0.34 0.00	54.11 0.11 0.00	48.55 0.00 0.00	43.69 0.04 0.00
ONTARIO___LFGE 23819	47.30 0.24 0.00	44.50 0.00 0.00	43.02 0.13 0.00	42.99 0.21 0.00	45.57 0.72 0.00	49.03 0.49 0.00	70.08 0.42 0.00	116.90 0.32 -9.13	63.58 -0.51 0.00	40.61 -0.66 -0.21	36.87 -0.49 0.00	36.14 -0.48 0.00	34.21 -0.49 0.00	32.54 -0.46 0.00	28.67 -0.50 0.00	31.29 -0.48 0.00	35.10 -0.61 0.00	42.42 -0.64 -0.01	58.59 -0.89 0.00	67.99 -0.82 0.00	69.22 -0.48 -0.92	54.42 -0.87 -1.28	48.02 -0.53 0.00	43.51 -0.13 0.00
ORANGEVILLE_WT_PWR 323706	44.66 -2.40 0.00	41.83 -2.67 0.00	40.70 -2.19 0.00	40.68 -2.09 0.00	43.64 -1.21 0.00	46.21 -2.33 0.00	64.64 -5.02 0.00	75.83 -7.52 24.09	59.28 -4.81 0.00	36.04 -3.94 1.08	34.07 -3.29 0.00	33.50 -3.11 0.00	31.85 -2.84 0.00	30.36 -2.64 0.00	26.68 -2.48 0.00	29.13 -2.64 0.00	32.27 -3.43 0.00	38.68 -4.35 0.03	53.85 -5.59 0.03	62.52 -6.26 0.03	60.39 -5.92 2.47	45.45 -5.13 3.42	44.01 -4.51 0.03	40.55 -3.10 0.00
ORANGEVILLE___ESR 323794	44.66 -2.40 0.00	41.83 -2.67 0.00	40.70 -2.19 0.00	40.68 -2.09 0.00	43.64 -1.21 0.00	46.21 -2.33 0.00	64.64 -5.02 0.00	75.83 -7.52 24.09	59.28 -4.81 0.00	36.04 -3.94 1.08	34.07 -3.29 0.00	33.50 -3.11 0.00	31.85 -2.84 0.00	30.36 -2.64 0.00	26.68 -2.48 0.00	29.13 -2.64 0.00	32.27 -3.43 0.00	38.68 -4.35 0.03	53.85 -5.59 0.03	62.52 -6.26 0.03	60.39 -5.92 2.47	45.45 -5.13 3.42	44.01 -4.51 0.03	40.55 -3.10 0.00
OSWEGATCHIE___HYD 24044	46.22 -0.85 0.00	43.74 -0.76 0.00	42.25 -0.64 0.00	42.39 -0.39 0.00	44.63 -0.22 0.00	48.49 -0.05 0.00	69.94 0.28 0.00	107.24 -0.21 0.00	63.33 -0.77 0.00	40.08 -0.99 0.00	36.43 -0.93 0.00	35.48 -1.14 0.00	33.62 -1.08 0.00	31.91 -1.09 0.00	28.06 -1.11 0.00	30.40 -1.36 0.00	34.38 -1.32 0.00	41.52 -1.55 0.00	57.28 -2.20 0.00	66.68 -2.13 0.00	66.51 -2.27 0.00	52.55 -1.46 0.00	47.19 -1.36 0.00	42.64 -1.00 0.00
OSWEGO___5 23606	46.31 -0.75 0.00	43.70 -0.80 0.00	42.16 -0.73 0.00	42.05 -0.73 0.00	44.18 -0.67 0.00	47.76 -0.78 0.00	68.47 -1.18 0.00	105.73 -1.72 0.00	62.94 -1.15 0.00	40.16 -0.90 0.00	36.61 -0.75 0.00	35.88 -0.73 0.00	34.00 -0.69 0.00	32.34 -0.66 0.00	28.61 -0.56 0.00	31.16 -0.60 0.00	34.95 -0.75 0.00	42.16 -0.91 0.00	58.41 -1.07 0.00	67.64 -1.17 0.00	67.67 -1.10 0.00	53.03 -0.97 0.00	47.58 -0.97 0.00	42.86 -0.78 0.00

OSWEGO___6 23613	46.31 -0.75 0.00	43.70 -0.80 0.00	42.16 -0.73 0.00	42.05 -0.73 0.00	44.18 -0.67 0.00	47.76 -0.78 0.00	68.47 -1.18 0.00	105.73 -1.72 0.00	62.94 -1.15 0.00	40.16 -0.90 0.00	36.61 -0.75 0.00	35.88 -0.73 0.00	34.00 -0.69 0.00	32.34 -0.66 0.00	28.61 -0.56 0.00	31.16 -0.60 0.00	34.95 -0.75 0.00	42.16 -0.91 0.00	58.41 -1.07 0.00	67.64 -1.17 0.00	67.67 -1.10 0.00	53.03 -0.97 0.00	47.58 -0.97 0.00	42.86 -0.78 0.00
OUTOKUMPU-AB___DRP 24206	44.19 -2.87 0.00	41.20 -3.29 0.00	40.19 -2.70 0.00	40.12 -2.65 0.00	43.01 -1.84 0.00	44.37 -4.17 0.00	62.83 -6.83 0.00	87.05 -9.99 10.41	58.26 -5.83 0.00	35.98 -4.72 0.36	33.25 -4.11 0.00	32.66 -3.95 0.00	31.22 -3.47 0.00	29.70 -3.30 0.00	26.31 -2.86 0.00	28.81 -2.95 0.00	31.74 -3.96 0.00	37.93 -5.12 0.01	52.94 -6.48 0.05	61.19 -7.57 0.05	60.45 -7.22 1.11	46.33 -6.16 1.52	42.97 -5.54 0.05	39.72 -3.93 0.00
OXBOW___BTM 323836	44.24 -2.82 0.00	41.29 -3.20 0.00	40.27 -2.62 0.00	40.21 -2.57 0.00	43.24 -1.61 0.00	45.43 -3.11 0.00	63.04 -6.62 0.00	87.37 -9.67 10.41	58.39 -5.70 0.00	36.06 -4.64 0.36	33.44 -3.92 0.00	32.95 -3.66 0.00	31.36 -3.33 0.00	29.97 -3.04 0.00	26.36 -2.80 0.00	28.90 -2.86 0.00	31.81 -3.89 0.00	38.01 -5.04 0.01	53.06 -6.36 0.05	61.53 -7.22 0.05	60.65 -7.02 1.11	46.44 -6.05 1.52	42.92 -5.58 0.05	39.76 -3.88 0.00
OXBOW___ 24026	44.24 -2.82 0.00	41.29 -3.20 0.00	40.27 -2.62 0.00	40.21 -2.57 0.00	43.06 -1.79 0.00	44.41 -4.13 0.00	62.97 -6.69 0.00	87.26 -9.78 10.41	58.39 -5.70 0.00	36.02 -4.68 0.36	33.29 -4.07 0.00	32.70 -3.92 0.00	31.26 -3.43 0.00	29.77 -3.23 0.00	26.34 -2.83 0.00	28.84 -2.92 0.00	31.81 -3.89 0.00	38.01 -5.04 0.01	53.06 -6.36 0.05	61.26 -7.50 0.05	60.59 -7.08 1.11	46.38 -6.10 1.52	43.01 -5.49 0.05	39.76 -3.88 0.00
OXY_CHEM_DSASP 323612	43.49 -3.58 0.00	40.36 -4.14 0.00	39.46 -3.43 0.00	39.22 -3.55 0.00	42.21 -2.65 0.00	43.49 -5.05 0.00	61.37 -8.29 0.00	84.06 -12.25 11.14	56.85 -7.24 0.00	35.41 -5.34 0.32	32.80 -4.56 0.00	32.26 -4.36 0.00	30.77 -3.92 0.00	29.34 -3.66 0.00	25.96 -3.21 0.00	28.36 -3.40 0.00	31.31 -4.39 0.00	37.28 -5.77 0.01	51.94 -7.49 0.04	59.89 -8.88 0.04	58.87 -8.73 1.17	45.43 -6.97 1.61	42.15 -6.36 0.04	38.93 -4.71 0.00
OZONE_PARK_ESR 323760	49.70 2.64 0.00	47.08 2.58 0.00	45.07 2.19 0.00	44.87 2.10 0.00	46.78 1.93 0.00	51.02 2.48 0.00	73.63 3.97 0.00	114.33 6.88 0.00	68.26 4.17 0.00	48.34 3.41 -3.86	45.01 2.91 -4.74	40.91 2.97 -1.33	38.54 2.81 -1.03	38.44 2.61 -2.83	34.50 2.27 -3.06	35.92 2.48 -1.68	42.27 2.89 -3.67	53.63 3.70 -6.86	68.06 4.94 -3.65	79.63 5.78 -5.04	74.48 5.71 0.00	58.05 4.05 0.00	52.15 3.59 0.00	46.57 2.92 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	43.49 -3.58 0.00	40.36 -4.14 0.00	39.46 -3.43 0.00	39.22 -3.55 0.00	42.21 -2.65 0.00	43.49 -5.05 0.00	61.37 -8.29 0.00	84.06 -12.25 11.14	56.85 -7.24 0.00	35.41 -5.34 0.32	32.80 -4.56 0.00	32.26 -4.36 0.00	30.77 -3.92 0.00	29.34 -3.66 0.00	25.96 -3.21 0.00	28.36 -3.40 0.00	31.31 -4.39 0.00	37.28 -5.77 0.01	51.94 -7.49 0.04	59.89 -8.88 0.04	58.87 -8.73 1.17	45.43 -6.97 1.61	42.15 -6.36 0.04	38.93 -4.71 0.00
PACKARD__115KV_DUPONT_184 80571	43.48 -3.58 0.00	40.36 -4.14 0.00	39.45 -3.43 0.00	39.22 -3.55 0.00	42.39 -2.47 0.00	44.46 -4.08 0.00	61.51 -8.15 0.00	84.17 -12.14 11.14	56.85 -7.24 0.00	35.45 -5.30 0.32	32.95 -4.41 0.00	32.51 -4.10 0.00	30.88 -3.82 0.00	29.50 -3.50 0.00	25.96 -3.21 0.00	28.43 -3.33 0.00	31.31 -4.39 0.00	37.28 -5.77 0.01	51.94 -7.50 0.04	60.23 -8.53 0.04	58.94 -8.67 1.17	45.43 -6.97 1.61	42.01 -6.50 0.04	38.93 -4.71 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	49.46 2.40 0.00	46.90 2.40 0.00	44.82 1.93 0.00	44.57 1.80 0.00	46.47 1.61 0.00	50.43 1.89 0.00	72.72 3.06 0.00	113.04 5.59 0.00	67.49 3.40 0.00	48.01 3.08 -3.86	44.67 2.58 -4.73	40.62 2.67 -1.33	38.26 2.53 -1.03	38.18 2.34 -2.83	34.26 2.04 -3.06	35.63 2.19 -1.68	41.94 2.57 -3.67	53.20 3.27 -6.86	67.41 4.28 -3.64	78.87 5.02 -5.04	73.80 5.02 0.00	57.46 3.46 0.00	51.81 3.25 0.00	46.40 2.75 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	49.93 2.87 0.00	47.39 2.89 0.00	45.25 2.36 0.00	45.04 2.27 0.00	46.96 2.11 0.00	50.97 2.43 0.00	73.49 3.83 0.00	114.11 6.66 0.00	68.07 3.97 0.00	48.29 3.37 -3.86	45.01 2.91 -4.73	40.87 2.93 -1.33	38.50 2.78 -1.03	38.41 2.57 -2.83	34.44 2.22 -3.06	35.82 2.38 -1.68	42.19 2.82 -3.67	53.50 3.57 -6.86	67.88 4.76 -3.64	79.49 5.64 -5.04	74.48 5.71 0.00	58.00 4.00 0.00	52.29 3.74 0.00	46.92 3.27 0.00
PATROON__115KV_TB1 80586	47.63 0.56 0.00	45.21 0.71 0.00	43.57 0.69 0.00	43.42 0.64 0.00	45.30 0.45 0.00	49.12 0.58 0.00	70.63 0.98 0.00	108.95 1.50 0.00	65.12 1.03 0.00	42.78 0.82 -0.89	39.16 0.71 -1.09	37.58 0.66 -0.31	35.56 0.62 -0.24	34.32 0.66 -0.65	30.42 0.55 -0.71	32.81 0.67 -0.39	37.44 0.89 -0.84	45.76 1.12 -1.58	61.98 1.67 -0.84	71.76 1.79 -1.16	70.49 1.72 0.00	55.30 1.30 0.00	50.01 1.46 0.00	44.61 0.96 0.00
PATRSNVILLE__SOLAR 323815	48.85 1.79 0.00	46.23 1.73 0.00	44.47 1.59 0.00	44.31 1.54 0.00	46.47 1.61 0.00	50.38 1.84 0.00	72.58 2.93 0.00	111.64 4.19 0.00	65.69 1.60 0.00	41.52 0.45 0.00	37.17 -0.19 0.00	36.47 -0.15 0.00	34.56 -0.14 0.00	32.94 -0.07 0.00	29.22 0.06 0.00	31.99 0.22 0.00	36.31 0.61 0.00	44.27 1.20 0.00	62.09 2.61 0.00	72.11 3.30 0.00	72.01 3.23 0.00	56.43 2.43 0.00	50.88 2.33 0.00	45.39 1.75 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	44.38 -2.68 0.00	41.34 -3.16 0.00	40.36 -2.53 0.00	40.25 -2.52 0.00	43.15 -1.70 0.00	44.56 -3.98 0.00	63.18 -6.48 0.00	86.81 -8.60 12.04	59.09 -5.00 0.00	36.41 -4.23 0.42	33.70 -3.66 0.00	33.06 -3.55 0.00	31.64 -3.05 0.00	30.10 -2.90 0.00	26.63 -2.54 0.00	28.97 -2.80 0.00	31.95 -3.75 0.00	38.19 -4.87 0.01	53.13 -6.30 0.04	61.47 -7.29 0.04	60.64 -6.88 1.26	46.32 -5.94 1.74	43.17 -5.34 0.04	39.89 -3.75 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	49.70 2.64 0.00	47.08 2.58 0.00	45.12 2.23 0.00	44.91 2.14 0.00	46.87 2.02 0.00	51.11 2.57 0.00	73.84 4.18 0.00	114.54 7.09 0.00	68.26 4.17 0.00	46.43 2.83 -2.53	42.74 2.28 -3.11	39.79 2.31 -0.87	37.49 2.12 -0.68	36.77 1.91 -1.86	32.89 1.72 -2.01	34.73 1.87 -1.09	40.30 2.21 -2.39	50.37 2.84 -4.46	66.07 4.22 -2.37	77.11 5.02 -3.28	74.28 5.50 0.00	57.78 3.78 0.00	51.90 3.35 0.00	46.35 2.71 0.00
PEEKSKILL____ 23653	49.04 1.98 0.00	46.41 1.91 0.00	44.52 1.63 0.00	44.31 1.54 0.00	46.20 1.34 0.00	50.19 1.65 0.00	72.45 2.79 0.00	112.50 5.05 0.00	67.04 2.95 0.00	47.92 2.55 -4.30	44.80 2.17 -5.28	40.33 2.23 -1.48	37.96 2.12 -1.15	38.10 1.95 -3.15	34.35 1.78 -3.41	35.51 1.87 -1.87	42.01 2.21 -4.09	53.51 2.80 -7.65	67.41 3.86 -4.06	78.97 4.54 -5.62	73.24 4.47 0.00	57.24 3.24 0.00	51.32 2.77 0.00	45.87 2.22 0.00

PGE MADISON___WINDPWR 24146	50.17 3.11 0.00	47.26 2.76 0.00	45.59 2.70 0.00	45.68 2.91 0.00	48.13 3.27 0.00	52.13 3.59 0.00	75.86 6.20 0.00	117.23 9.78 0.00	68.90 4.81 0.00	41.60 1.97 1.44	36.99 1.46 1.83	37.31 1.21 0.51	35.41 1.11 0.40	32.77 0.86 1.09	28.57 0.58 1.18	31.76 0.73 0.73	35.35 1.25 1.60	42.23 2.15 2.99	61.88 3.99 1.59	71.84 5.23 2.20	74.07 5.30 0.00	57.40 3.40 0.00	51.56 3.01 0.00	46.48 2.84 0.00
PIERCEFIELD___HYD 23852	46.03 -1.04 0.00	43.61 -0.89 0.00	42.03 -0.86 0.00	42.09 -0.68 0.00	44.31 -0.54 0.00	48.10 -0.44 0.00	68.96 -0.70 0.00	105.62 -1.83 0.00	62.68 -1.41 0.00	39.92 -1.15 0.00	36.28 -1.08 0.00	35.44 -1.17 0.00	33.58 -1.11 0.00	31.91 -1.09 0.00	28.14 -1.02 0.00	30.49 -1.27 0.00	34.42 -1.29 0.00	41.38 -1.68 0.00	56.68 -2.80 0.00	65.85 -2.96 0.00	65.54 -3.23 0.00	52.38 -1.62 0.00	46.80 -1.75 0.00	42.34 -1.31 0.00
PINELAWN_CC_1 323563	50.22 3.15 0.00	47.26 2.76 0.00	45.20 2.31 0.00	45.08 2.31 0.00	46.87 2.02 0.00	50.97 2.43 0.00	73.63 3.34 -0.63	115.13 5.69 -1.99	67.04 2.57 -0.38	48.49 3.57 -3.86	45.50 3.40 -4.74	41.32 3.37 -1.34	38.92 3.19 -1.04	38.87 3.03 -2.84	34.94 2.71 -3.06	36.37 2.92 -1.68	44.16 3.39 -5.06	54.86 4.18 -7.63	69.21 5.65 -4.08	81.05 6.40 -5.84	75.90 6.46 -0.66	59.56 4.80 -0.75	56.19 4.27 -3.36	53.36 3.71 -6.01
PJM_GEN_HTP_PROXY 323702	49.37 2.31 0.00	46.76 2.27 0.00	44.82 1.93 0.00	44.61 1.84 0.00	46.47 1.61 0.00	50.48 1.94 0.00	73.07 3.41 0.00	105.21 6.12 8.36	70.04 3.65 -2.30	54.11 3.12 -9.93	44.79 2.69 -4.74	40.69 2.75 -1.33	38.29 2.57 -1.03	38.24 2.41 -2.83	34.35 2.13 -3.06	35.73 2.29 -1.68	42.02 2.64 -3.67	53.29 3.36 -6.87	67.64 4.52 -3.65	79.08 5.23 -5.05	73.94 5.16 0.00	57.72 3.72 0.00	51.76 3.20 0.00	46.26 2.62 0.00
PJM_GEN_KEystone 24065	46.78 -0.28 0.00	44.01 -0.49 0.00	42.50 -0.39 0.00	42.35 -0.43 0.00	44.59 -0.27 0.00	47.96 -0.58 0.00	68.33 -1.33 0.00	92.73 -1.72 12.99	65.30 -1.09 -2.30	48.86 -0.53 -8.33	39.87 -0.37 -2.89	37.13 -0.29 -0.81	35.08 -0.24 -0.63	34.50 -0.23 -1.73	30.80 -0.23 -1.87	32.53 -0.26 -1.02	37.51 -0.43 -2.23	46.63 -0.60 -4.17	60.67 -1.01 -2.20	70.69 -1.17 -3.05	67.47 -0.82 0.48	52.04 -1.30 0.67	47.61 -0.92 0.02	43.12 -0.52 0.00
PJM_GEN_NEPTUNE_PROXY 323594	49.60 2.54 0.00	46.72 2.22 0.00	44.69 1.80 0.00	44.57 1.80 0.00	46.33 1.48 0.00	50.38 1.84 0.00	72.16 2.50 0.00	103.49 4.41 8.36	68.44 2.05 -2.30	54.11 3.12 -9.92	45.01 2.92 -4.74	40.84 2.89 -1.33	38.47 2.74 -1.04	38.44 2.61 -2.83	34.59 2.36 -3.06	35.92 2.48 -1.68	43.38 2.82 -4.86	53.73 3.49 -7.18	67.77 4.64 -3.65	79.15 5.30 -5.04	74.08 5.30 -0.01	58.09 3.89 -0.20	53.42 3.45 -1.42	49.14 2.97 -2.53
PJM_GEN_VFT_PROXY 323633	49.17 2.12 0.01	46.58 2.09 0.01	44.64 1.76 0.01	44.43 1.67 0.01	46.28 1.43 0.01	50.28 1.74 0.01	72.71 3.06 0.01	104.77 5.69 8.37	69.78 3.39 -2.29	53.98 3.00 -9.92	44.66 2.58 -4.73	40.57 2.64 -1.32	38.22 2.50 -1.02	38.14 2.31 -2.82	34.26 2.04 -3.05	35.62 2.19 -1.67	41.90 2.54 -3.66	53.15 3.23 -6.86	67.40 4.28 -3.64	78.81 4.96 -5.04	73.65 4.88 0.01	57.45 3.46 0.01	51.56 3.01 0.01	46.08 2.44 0.01
PLATSBURG_115KV_PMLD1 355749	47.58 2.54 0.00	45.08 0.58 0.00	43.40 0.51 0.00	43.42 0.64 0.00	45.71 0.85 0.00	49.51 0.97 0.00	70.84 1.18 0.00	108.85 1.40 0.00	64.92 0.83 0.00	41.52 0.45 0.00	37.81 0.45 0.00	36.94 0.33 0.00	35.01 0.31 0.00	33.27 0.26 0.00	29.34 0.17 0.00	31.76 0.00 0.00	35.67 -0.04 0.00	42.76 -0.30 0.00	58.41 -1.07 0.00	67.43 -1.38 0.00	67.12 -1.65 0.00	53.41 -0.59 0.00	47.73 -0.83 0.00	43.17 -0.48 0.00
PLEASANTVLY___LBMP 24000	48.71 1.65 0.00	46.14 1.65 0.00	44.30 1.42 0.00	44.10 1.33 0.00	45.97 1.12 0.00	50.09 1.55 0.00	72.09 2.44 0.00	111.64 4.19 0.00	66.66 2.56 0.00	45.61 2.18 -2.37	42.13 1.87 -2.91	39.33 1.90 -0.81	37.10 1.77 -0.63	36.39 1.65 -1.74	32.53 1.49 -1.88	34.41 1.62 -1.03	39.88 1.93 -2.25	49.68 2.41 -4.20	64.98 3.27 -2.23	75.68 3.78 -3.09	72.63 3.85 0.00	56.75 2.75 0.00	51.03 2.48 0.00	45.61 1.96 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	48.99 1.93 0.00	46.41 1.91 0.00	44.52 1.63 0.00	44.31 1.54 0.00	46.24 1.39 0.00	50.39 1.84 0.00	72.51 2.86 0.00	112.39 4.94 0.00	67.10 3.01 0.00	46.49 2.50 -2.92	43.10 2.17 -3.57	39.81 2.20 -1.00	37.55 2.08 -0.78	37.05 1.91 -2.14	33.19 1.72 -2.31	34.90 1.87 -1.26	40.65 2.18 -2.77	50.99 2.76 -5.17	65.97 3.75 -2.75	76.95 4.34 -3.80	73.18 4.40 0.00	57.13 3.13 0.00	51.37 2.82 0.00	45.87 2.23 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	48.99 1.93 0.00	46.41 1.91 0.00	44.52 1.63 0.00	44.31 1.54 0.00	46.24 1.39 0.00	50.39 1.84 0.00	72.51 2.86 0.00	112.39 4.94 0.00	67.10 3.01 0.00	46.49 2.50 -2.92	43.10 2.17 -3.57	39.81 2.20 -1.00	37.55 2.08 -0.78	37.05 1.91 -2.14	33.19 1.72 -2.31	34.90 1.87 -1.26	40.65 2.18 -2.77	50.99 2.76 -5.17	65.97 3.75 -2.75	76.95 4.34 -3.80	73.18 4.40 0.00	57.13 3.13 0.00	51.37 2.82 0.00	45.87 2.23 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	49.18 2.12 0.00	46.59 2.09 0.00	44.73 1.84 0.00	44.53 1.75 0.00	46.47 1.61 0.00	50.63 2.09 0.00	72.93 3.27 0.00	112.72 5.27 0.00	67.17 3.08 0.00	45.37 2.26 -2.04	41.70 1.83 -2.50	39.15 1.83 -0.70	36.91 1.67 -0.55	36.02 1.52 -1.50	32.15 1.37 -1.62	34.13 1.49 -0.87	39.44 1.82 -1.91	49.05 2.41 -3.58	64.89 3.51 -1.90	75.57 4.13 -2.63	73.25 4.47 0.00	57.19 3.19 0.00	51.37 2.82 0.00	45.92 2.27 0.00
POLETTI___ 23519	49.23 2.16 0.00	46.63 2.14 0.00	44.69 1.80 0.00	44.48 1.71 0.00	46.33 1.48 0.00	50.53 1.99 0.00	72.93 3.27 0.00	113.25 5.80 0.00	67.55 3.46 0.00	47.93 3.00 -3.86	44.64 2.54 -4.74	40.54 2.60 -1.33	38.22 2.50 -1.03	38.14 2.31 -2.83	34.24 2.01 -3.06	35.63 2.19 -1.68	41.91 2.53 -3.67	53.16 3.23 -6.86	67.41 4.28 -3.65	78.88 5.02 -5.04	73.73 4.95 0.00	57.46 3.46 0.00	51.66 3.11 0.00	46.13 2.49 0.00
POMONA___ESR 323819	48.99 1.93 0.00	46.41 1.91 0.00	44.52 1.63 0.00	44.31 1.54 0.00	46.15 1.30 0.00	50.14 1.60 0.00	72.37 2.71 0.00	112.29 4.84 0.00	66.91 2.82 0.00	49.17 2.42 -5.68	46.42 2.09 -6.96	40.69 2.12 -1.95	38.26 2.05 -1.52	39.05 1.88 -4.16	35.35 1.69 -4.50	36.04 1.81 -2.47	43.25 2.14 -5.41	55.89 2.71 -10.11	68.66 3.81 -5.37	80.64 4.41 -7.43	73.11 4.34 0.00	57.19 3.19 0.00	51.27 2.72 0.00	45.83 2.18 0.00
PORT_JEFF_3 23555	50.45 3.39 0.00	47.43 2.94 0.00	45.33 2.44 0.00	45.34 2.57 0.00	47.01 2.15 0.00	51.16 2.62 0.00	76.69 3.62 -3.41	124.51 6.23 -10.83	68.86 2.69 -2.08	48.78 3.86 -3.86	45.98 3.89 -4.74	41.83 3.88 -1.33	39.41 3.68 -1.04	39.33 3.50 -2.84	35.35 3.12 -3.06	36.81 3.37 -1.68	44.68 3.93 -5.05	55.46 4.82 -7.57	73.76 6.30 -7.98	85.05 6.88 -9.36	79.46 7.15 -3.54	65.84 5.45 -6.39	56.56 4.90 -3.11	53.54 4.36 -5.53

PORT_JEFF_4 23616	50.45 3.39 0.00	47.43 2.94 0.00	45.33 2.44 0.00	45.34 2.57 0.00	47.01 2.15 0.00	51.16 2.62 0.00	76.69 3.62 -3.41	124.51 6.23 -10.83	68.86 2.69 -2.08	48.78 3.86 -3.86	45.98 3.89 -4.74	41.83 3.88 -1.33	39.41 3.68 -1.04	39.33 3.50 -2.84	35.35 3.12 -3.06	36.81 3.37 -1.68	44.68 3.93 -5.05	55.46 4.82 -7.57	73.76 6.30 -7.98	85.05 6.88 -9.36	79.46 7.15 -3.54	65.84 5.45 -6.39	56.56 4.90 -3.11	53.54 4.36 -5.53
PORT_JEFF_IC 23713	50.50 3.44 0.00	47.48 2.98 0.00	45.37 2.49 0.00	45.38 2.61 0.00	47.05 2.20 0.00	51.60 3.06 0.00	76.29 3.83 -2.80	122.70 6.34 -8.91	68.62 2.82 -1.71	48.86 3.94 -3.86	45.98 3.89 -4.74	41.83 3.88 -1.33	39.41 3.68 -1.04	39.34 3.50 -2.84	35.32 3.09 -3.06	36.81 3.37 -1.68	44.72 3.96 -5.05	55.51 4.87 -7.58	74.04 6.30 -8.26	84.43 7.02 -8.60	78.91 7.22 -2.91	66.68 5.45 -7.23	56.62 4.95 -3.12	53.60 4.41 -5.55
PPL_PILGRIM_ST_GT1 24216	50.55 3.48 0.00	47.56 3.07 0.00	45.46 2.57 0.00	45.38 2.61 0.00	47.14 2.29 0.00	51.11 2.57 0.00	76.30 3.48 -3.16	123.18 5.69 -10.04	68.64 2.63 -1.92	48.83 3.90 -3.86	45.87 3.77 -4.74	41.69 3.74 -1.33	39.27 3.54 -1.04	39.21 3.37 -2.84	35.23 3.00 -3.06	36.69 3.24 -1.68	44.50 3.75 -5.05	55.29 4.65 -7.58	71.55 5.95 -6.12	84.53 6.67 -9.05	78.86 6.81 -3.28	61.15 5.13 -2.01	56.41 4.71 -3.15	53.45 4.19 -5.62
PPL_PILGRIM_ST_GT2 24217	50.55 3.48 0.00	47.56 3.07 0.00	45.46 2.57 0.00	45.38 2.61 0.00	47.14 2.29 0.00	51.11 2.57 0.00	76.30 3.48 -3.16	123.18 5.69 -10.04	68.64 2.63 -1.92	48.83 3.90 -3.86	45.87 3.77 -4.74	41.69 3.74 -1.33	39.27 3.54 -1.04	39.21 3.37 -2.84	35.23 3.00 -3.06	36.69 3.24 -1.68	44.50 3.75 -5.05	55.29 4.65 -7.58	71.55 5.95 -6.12	84.53 6.67 -9.05	78.86 6.81 -3.28	61.15 5.13 -2.01	56.41 4.71 -3.15	53.45 4.19 -5.62
PPL_SHRM_GT3 24213	49.98 2.92 0.00	46.99 2.49 0.00	44.90 2.02 0.00	45.08 2.31 0.00	46.51 1.66 0.00	50.73 2.19 0.00	76.02 3.14 -3.22	123.05 5.37 -10.23	68.10 2.05 -1.96	48.54 3.61 -3.86	46.24 4.15 -4.74	42.09 4.14 -1.33	39.69 3.95 -1.04	39.60 3.76 -2.84	35.58 3.35 -3.06	37.07 3.62 -1.68	45.00 4.25 -5.05	55.89 5.25 -7.57	74.00 6.48 -8.03	84.48 6.54 -9.13	79.14 7.02 -3.34	66.55 5.99 -6.55	57.15 5.48 -3.11	53.99 4.80 -5.54
PPL_SHRM_GT4 24214	49.98 2.92 0.00	46.99 2.49 0.00	44.90 2.02 0.00	45.08 2.31 0.00	46.51 1.66 0.00	50.73 2.19 0.00	76.02 3.14 -3.22	123.05 5.37 -10.23	68.10 2.05 -1.96	48.54 3.61 -3.86	46.24 4.15 -4.74	42.09 4.14 -1.33	39.69 3.95 -1.04	39.60 3.76 -2.84	35.58 3.35 -3.06	37.07 3.62 -1.68	45.00 4.25 -5.05	55.89 5.25 -7.57	74.00 6.48 -8.03	84.48 6.54 -9.13	79.14 7.02 -3.34	66.55 5.99 -6.55	57.15 5.48 -3.11	53.99 4.80 -5.54
PROJECT___ORANGE 1 24174	47.06 0.00 0.00	44.36 -0.13 0.00	42.76 -0.13 0.00	42.69 -0.09 0.00	44.90 0.04 0.00	48.44 -0.10 0.00	69.59 -0.07 0.00	107.67 0.21 0.00	64.03 -0.06 0.00	40.82 -0.25 0.00	37.17 -0.19 0.00	36.43 -0.18 0.00	34.52 -0.17 0.00	32.84 -0.17 0.00	29.02 -0.15 0.00	31.60 -0.16 0.00	35.49 -0.21 0.00	42.81 -0.26 0.00	59.30 -0.18 0.00	68.67 -0.14 0.00	68.78 0.00 0.00	53.84 -0.16 0.00	48.31 -0.24 0.00	43.51 -0.13 0.00
PROJECT___ORANGE 2 24166	47.06 0.00 0.00	44.36 -0.13 0.00	42.76 -0.13 0.00	42.69 -0.09 0.00	44.90 0.04 0.00	48.44 -0.10 0.00	69.59 -0.07 0.00	107.67 0.21 0.00	64.03 -0.06 0.00	40.82 -0.25 0.00	37.17 -0.19 0.00	36.43 -0.18 0.00	34.52 -0.17 0.00	32.84 -0.17 0.00	29.02 -0.15 0.00	31.60 -0.16 0.00	35.49 -0.21 0.00	42.81 -0.26 0.00	59.30 -0.18 0.00	68.67 -0.14 0.00	68.78 0.00 0.00	53.84 -0.16 0.00	48.31 -0.24 0.00	43.51 -0.13 0.00
PUCKETT___SOLAR 323809	48.10 1.03 0.00	45.30 0.80 0.00	43.70 0.81 0.00	43.67 0.90 0.00	45.97 1.12 0.00	49.70 1.16 0.00	71.33 1.67 0.00	107.87 2.69 2.27	65.18 1.09 0.00	39.91 0.25 1.40	35.79 0.15 1.72	36.21 0.07 0.48	34.39 0.07 0.38	31.97 0.00 1.03	27.99 -0.06 1.11	31.18 0.06 0.65	34.46 0.18 1.42	40.84 0.43 2.65	59.01 0.95 1.41	68.09 1.24 1.95	70.05 1.51 0.24	54.38 0.70 0.32	49.28 0.73 0.01	44.43 0.79 0.00
PYRITES___HYD 24023	47.11 0.05 0.00	44.63 0.13 0.00	42.97 0.09 0.00	43.07 0.30 0.00	45.39 0.54 0.00	49.27 0.73 0.00	70.70 1.04 0.00	107.99 0.54 0.00	63.84 -0.26 0.00	40.45 -0.62 0.00	36.76 -0.60 0.00	35.92 -0.70 0.00	34.03 -0.66 0.00	32.38 -0.63 0.00	28.52 -0.64 0.00	30.94 -0.83 0.00	34.95 -0.75 0.00	42.12 -0.95 0.00	57.87 -1.61 0.00	67.36 -1.45 0.00	67.12 -1.65 0.00	53.57 -0.43 0.00	47.87 -0.68 0.00	43.34 -0.31 0.00
QUAKERRD_115KV_BK1 80622	45.46 -1.60 0.00	42.63 -1.87 0.00	41.26 -1.63 0.00	41.15 -1.63 0.00	43.60 -1.26 0.00	46.55 -1.99 0.00	66.80 -2.86 0.00	106.30 -3.76 -2.61	61.46 -2.63 0.00	38.89 -2.18 0.00	35.42 -1.94 0.00	34.78 -1.83 0.00	32.99 -1.70 0.00	31.42 -1.58 0.00	27.73 -1.43 0.00	30.30 -1.46 0.00	33.81 -1.89 0.00	40.74 -2.33 0.00	56.93 -2.56 -0.01	65.65 -3.17 -0.01	66.09 -2.96 -0.27	51.95 -2.43 -0.37	46.13 -2.43 -0.01	41.73 -1.92 0.00
QUENSBRY_115KV_TB8 356137	47.82 0.75 0.00	45.25 0.76 0.00	43.49 0.60 0.00	43.33 0.56 0.00	45.44 0.58 0.00	49.41 0.87 0.00	71.40 1.74 0.00	110.14 2.69 0.00	65.37 1.28 0.00	42.35 0.45 -0.83	39.05 0.67 -1.02	37.52 0.62 -0.28	35.44 0.52 -0.22	34.20 0.59 -0.61	30.23 0.41 -0.66	32.76 0.64 -0.36	37.59 1.11 -0.78	45.26 0.73 -1.47	62.16 1.90 -0.78	72.36 2.48 -1.08	71.11 2.34 0.00	55.67 1.67 0.00	50.11 1.55 0.00	44.47 0.83 0.00
RAMAPO___LBMP 323565	48.80 1.74 0.00	46.23 1.74 0.00	44.35 1.46 0.00	44.14 1.37 0.00	46.02 1.17 0.00	50.14 1.60 0.00	72.16 2.51 0.00	111.75 4.30 0.00	66.66 2.56 0.00	48.52 2.30 -5.16	45.66 1.98 -6.32	40.40 2.01 -1.77	37.98 1.91 -1.38	38.53 1.75 -3.78	34.82 1.57 -4.08	35.69 1.68 -2.24	42.61 2.00 -4.91	54.77 2.54 -9.17	67.80 3.45 -4.87	79.68 4.13 -6.74	72.83 4.06 0.00	56.86 2.86 0.00	51.08 2.52 0.00	45.65 2.01 0.00
RANKINE___ 23646	44.24 -2.82 0.00	41.20 -3.29 0.00	40.23 -2.66 0.00	40.12 -2.65 0.00	43.01 -1.84 0.00	44.46 -4.08 0.00	62.97 -6.69 0.00	85.32 -9.78 12.35	58.32 -5.77 0.00	36.04 -4.60 0.42	33.44 -3.92 0.00	32.84 -3.77 0.00	31.36 -3.33 0.00	29.83 -3.17 0.00	26.39 -2.77 0.00	28.87 -2.89 0.00	31.85 -3.86 0.00	38.06 -5.00 0.01	52.95 -6.48 0.04	61.27 -7.50 0.04	60.33 -7.15 1.29	46.17 -6.05 1.78	43.02 -5.49 0.04	39.80 -3.84 0.00
RAVENSWOOD_GT2_1 24244	49.37 2.31 0.00	46.77 2.27 0.00	44.77 1.89 0.00	44.57 1.80 0.00	46.47 1.61 0.00	50.68 2.14 0.00	73.07 3.41 0.00	113.47 6.02 0.00	67.68 3.59 0.00	48.01 3.08 -3.86	44.75 2.65 -4.73	40.62 2.67 -1.33	38.26 2.53 -1.03	38.21 2.38 -2.83	34.29 2.07 -3.06	35.69 2.26 -1.68	42.02 2.64 -3.67	53.24 3.32 -6.86	67.52 4.40 -3.64	79.01 5.16 -5.04	73.93 5.16 0.00	57.62 3.62 0.00	51.76 3.20 0.00	46.26 2.62 0.00

RAVENSWOOD_GT_9 24257	49.37 2.31 0.00	46.77 2.27 0.00	44.77 1.89 0.00	44.57 1.80 0.00	46.47 1.61 0.00	50.68 2.14 0.00	73.07 3.41 0.00	113.47 6.02 0.00	67.68 3.59 0.00	48.01 3.08 -3.86	44.71 2.62 -4.73	40.62 2.67 -1.33	38.26 2.53 -1.03	38.21 2.38 -2.83	34.29 2.07 -3.06	35.69 2.26 -1.68	42.02 2.64 -3.67	53.24 3.32 -6.86	67.52 4.40 -3.64	79.01 5.16 -5.04	73.93 5.16 0.00	57.62 3.62 0.00	51.76 3.20 0.00	46.26 2.62 0.00
RAVENSWOOD___1 23533	49.51 2.45 0.00	46.94 2.45 0.00	44.90 2.02 0.00	44.70 1.93 0.00	46.56 1.70 0.00	50.43 1.89 0.00	73.00 3.34 0.00	113.68 6.23 0.00	67.81 3.72 0.00	48.17 3.24 -3.86	44.90 2.80 -4.73	40.80 2.86 -1.33	38.43 2.71 -1.03	38.34 2.51 -2.83	34.44 2.22 -3.06	35.79 2.35 -1.68	42.12 2.75 -3.67	53.41 3.49 -6.86	67.77 4.64 -3.64	79.22 5.37 -5.04	74.14 5.37 0.00	57.78 3.78 0.00	51.86 3.30 0.00	46.44 2.80 0.00
RAVENSWOOD___2 23534	49.51 2.45 0.00	46.94 2.45 0.00	44.90 2.02 0.00	44.70 1.93 0.00	46.56 1.70 0.00	50.43 1.89 0.00	73.00 3.34 0.00	113.57 6.12 0.00	67.74 3.65 0.00	48.17 3.24 -3.86	44.86 2.76 -4.73	40.80 2.86 -1.33	38.40 2.67 -1.03	38.31 2.48 -2.83	34.41 2.19 -3.06	35.79 2.35 -1.68	42.12 2.75 -3.67	53.41 3.49 -6.86	67.77 4.64 -3.64	79.22 5.37 -5.04	74.07 5.30 0.00	57.78 3.78 0.00	51.86 3.30 0.00	46.44 2.80 0.00
RAVENSWOOD___3 23535	49.37 2.31 0.00	46.76 2.27 0.00	44.77 1.88 0.00	44.57 1.80 0.00	46.47 1.61 0.00	50.43 1.89 0.00	73.00 3.34 0.00	113.46 6.01 0.00	67.68 3.59 0.00	48.01 3.08 -3.86	44.75 2.65 -4.73	40.65 2.71 -1.33	38.29 2.57 -1.03	38.21 2.38 -2.83	34.32 2.10 -3.06	35.70 2.26 -1.68	42.02 2.64 -3.67	53.24 3.32 -6.86	67.59 4.46 -3.64	79.01 5.16 -5.04	73.94 5.16 0.00	57.67 3.67 0.00	51.76 3.20 0.00	46.26 2.62 0.00
RAVENSWOOD___4 23820	49.46 2.40 0.00	46.90 2.40 0.00	44.90 2.02 0.00	44.65 1.88 0.00	46.51 1.66 0.00	50.43 1.89 0.00	73.00 3.34 0.00	113.57 6.12 0.00	67.74 3.65 0.00	48.17 3.24 -3.86	44.86 2.76 -4.73	40.76 2.82 -1.33	38.40 2.67 -1.03	38.31 2.48 -2.83	34.41 2.19 -3.06	35.76 2.32 -1.68	42.12 2.75 -3.67	53.37 3.45 -6.86	67.77 4.64 -3.64	79.22 5.37 -5.04	74.07 5.30 0.00	57.78 3.78 0.00	51.86 3.30 0.00	46.44 2.80 0.00
RCPI_TRUST___DRP 24196	49.42 2.35 0.00	46.81 2.31 0.00	44.86 1.97 0.00	44.66 1.88 0.00	46.56 1.70 0.00	50.77 2.23 0.00	73.21 3.55 0.00	113.68 6.23 0.00	67.87 3.78 0.00	48.09 3.16 -3.87	44.83 2.73 -4.74	40.73 2.78 -1.33	38.36 2.64 -1.03	38.28 2.44 -2.83	34.35 2.13 -3.06	35.76 2.32 -1.68	42.09 2.71 -3.67	53.38 3.45 -6.87	67.65 4.52 -3.65	79.15 5.30 -5.05	74.00 5.23 0.00	57.67 3.67 0.00	51.85 3.30 0.00	46.31 2.66 0.00
RED___ROCHESTER 323720	46.45 -0.61 0.00	43.43 -1.07 0.00	42.07 -0.82 0.00	42.00 -0.77 0.00	44.67 -0.18 0.00	47.96 -0.58 0.00	68.19 -1.47 0.00	108.36 -1.72 -2.64	62.74 -1.35 0.00	39.50 -1.56 0.00	36.09 -1.27 0.00	35.52 -1.10 0.00	33.62 -1.08 0.00	32.04 -0.96 0.00	28.20 -0.96 0.00	30.87 -0.89 0.00	34.38 -1.32 0.00	41.38 -1.68 0.00	57.94 -1.55 -0.01	67.24 -1.58 -0.01	67.48 -1.58 -0.28	52.93 -1.46 -0.38	46.82 -1.75 -0.01	42.51 -1.14 0.00
REGAN___SOLAR 323812	50.50 3.43 0.00	47.74 3.25 0.00	45.89 3.00 0.00	45.77 2.99 0.00	48.17 3.32 0.00	52.33 3.79 0.00	75.57 5.92 0.00	115.84 8.39 0.00	66.85 2.75 0.00	41.31 0.25 0.00	36.57 -0.79 0.00	35.88 -0.73 0.00	34.00 -0.69 0.00	32.44 -0.56 0.00	28.78 -0.38 0.00	31.57 -0.19 0.00	36.17 0.46 0.00	44.79 1.72 0.00	64.00 4.52 0.00	74.79 5.98 0.00	74.62 5.84 0.00	58.32 4.32 0.00	52.68 4.12 0.00	46.83 3.18 0.00
RENSSELAER___COGEN 23796	47.39 0.33 0.00	44.99 0.49 0.00	43.40 0.52 0.00	43.20 0.43 0.00	44.99 0.13 0.00	48.74 0.19 0.00	70.21 0.55 0.00	108.10 0.65 0.00	64.73 0.64 0.00	42.64 0.62 -0.95	39.05 0.52 -1.17	37.45 0.51 -0.33	35.47 0.52 -0.25	34.23 0.53 -0.70	30.41 0.50 -0.75	32.78 0.60 -0.41	37.39 0.78 -0.90	45.70 0.95 -1.69	61.68 1.31 -0.89	71.42 1.38 -1.24	70.08 1.30 0.00	55.14 1.14 0.00	49.72 1.16 0.00	44.43 0.79 0.00
REPUBLIC_115KV_BARTNBRK 55605	48.76 1.69 0.00	46.14 1.65 0.00	44.26 1.37 0.00	44.06 1.28 0.00	46.33 1.48 0.00	50.53 1.99 0.00	73.21 3.55 0.00	113.04 5.59 0.00	66.40 2.31 0.00	42.55 0.66 -0.83	38.83 0.45 -1.02	37.30 0.40 -0.29	35.16 0.24 -0.22	33.98 0.36 -0.61	29.91 0.09 -0.66	32.54 0.41 -0.36	37.56 1.07 -0.79	45.61 1.08 -1.47	63.35 3.09 -0.78	74.16 4.27 -1.08	72.76 3.99 0.00	56.92 2.92 0.00	51.22 2.67 0.00	45.22 1.57 0.00
REVERE_CPPR_DRP 24186	48.47 1.41 0.00	45.74 1.25 0.00	44.17 1.29 0.00	44.19 1.41 0.00	46.42 1.57 0.00	50.34 1.80 0.00	72.79 3.13 0.00	112.18 4.73 0.00	66.40 2.31 0.00	42.05 0.99 0.00	38.14 0.78 0.00	37.24 0.62 0.00	35.25 0.56 0.00	33.47 0.46 0.00	29.46 0.29 0.00	32.08 0.32 0.00	36.27 0.57 0.00	43.97 0.90 0.00	61.14 1.67 0.00	71.08 2.27 0.00	70.98 2.20 0.00	55.51 1.51 0.00	49.91 1.36 0.00	44.91 1.27 0.00
REYNLDDPA_13_KV_LD 356490	47.25 0.19 0.00	44.77 0.27 0.00	43.10 0.22 0.00	43.08 0.30 0.00	45.30 0.45 0.00	49.08 0.53 0.00	69.52 -0.14 0.00	106.48 -0.97 0.00	63.65 -0.45 0.00	41.11 0.04 0.00	37.47 0.11 0.00	36.61 0.00 0.00	34.69 0.00 0.00	33.00 0.00 0.00	29.13 -0.03 0.00	31.60 -0.16 0.00	35.56 -0.14 0.00	42.72 -0.35 0.00	57.70 -1.78 0.00	66.75 -2.06 0.00	66.71 -2.06 0.00	53.03 -0.97 0.00	48.02 -0.53 0.00	43.47 -0.17 0.00
REYNOLDS_115KV_TB3 80639	47.49 0.42 0.00	45.08 0.58 0.00	43.53 0.64 0.00	43.33 0.56 0.00	45.17 0.31 0.00	48.98 0.44 0.00	70.35 0.70 0.00	108.42 0.97 0.00	64.92 0.83 0.00	42.86 0.82 -0.97	39.26 0.71 -1.19	37.61 0.66 -0.34	35.58 0.62 -0.26	34.41 0.69 -0.71	30.52 0.58 -0.77	32.95 0.76 -0.42	37.55 0.93 -0.92	45.91 1.12 -1.72	61.94 1.55 -0.92	71.73 1.65 -1.27	70.36 1.58 0.00	55.24 1.24 0.00	49.91 1.36 0.00	44.56 0.92 0.00
RIVERBAY___ 323610	49.93 2.87 0.00	47.39 2.89 0.00	45.25 2.36 0.00	45.04 2.27 0.00	46.96 2.11 0.00	50.97 2.43 0.00	73.49 3.83 0.00	114.11 6.66 0.00	68.07 3.97 0.00	48.29 3.37 -3.86	45.01 2.91 -4.73	40.87 2.93 -1.33	38.50 2.78 -1.03	38.41 2.57 -2.83	34.44 2.22 -3.06	35.82 2.38 -1.68	42.19 2.82 -3.67	53.50 3.57 -6.86	67.88 4.76 -3.64	79.49 5.64 -5.04	74.48 5.71 0.00	58.00 4.00 0.00	52.29 3.74 0.00	46.92 3.27 0.00
RIVERSDE_115KV_TB3 55908	47.53 0.47 0.00	45.12 0.62 0.00	43.53 0.64 0.00	43.37 0.60 0.00	45.21 0.36 0.00	49.03 0.49 0.00	70.49 0.84 0.00	108.52 1.07 0.00	64.99 0.90 0.00	42.85 0.82 -0.96	39.24 0.71 -1.18	37.60 0.66 -0.33	35.57 0.62 -0.26	34.37 0.66 -0.70	30.51 0.58 -0.76	32.91 0.73 -0.41	37.50 0.89 -0.91	45.88 1.12 -1.70	61.93 1.55 -0.90	71.71 1.65 -1.25	70.36 1.58 0.00	55.24 1.24 0.00	49.91 1.36 0.00	44.56 0.92 0.00

ROARING___BROOK_WT_PWR 323790	46.64 -0.42 0.00	44.19 -0.31 0.00	42.63 -0.26 0.00	42.60 -0.17 0.00	44.76 -0.09 0.00	48.49 -0.05 0.00	69.59 -0.07 0.00	107.24 -0.21 0.00	63.96 -0.13 0.00	40.98 -0.08 0.00	37.29 -0.07 0.00	36.51 -0.11 0.00	34.52 -0.17 0.00	32.74 -0.27 0.00	28.84 -0.32 0.00	31.32 -0.44 0.00	35.17 -0.53 0.00	42.37 -0.69 0.00	58.35 -1.13 0.00	67.36 -1.45 0.00	67.20 -1.58 0.00	52.81 -1.19 0.00	47.53 -1.02 0.00	42.77 -0.87 0.00
ROCHESRG_115KV_T4 355643	45.84 -1.22 0.00	42.94 -1.56 0.00	41.56 -1.33 0.00	41.45 -1.33 0.00	44.05 -0.81 0.00	46.79 -1.75 0.00	67.01 -2.65 0.00	106.35 -3.44 -2.33	61.78 -2.31 0.00	39.01 -2.05 0.00	35.57 -1.79 0.00	34.97 -1.65 0.00	33.17 -1.53 0.00	31.58 -1.42 0.00	27.88 -1.28 0.00	30.46 -1.30 0.00	33.95 -1.75 0.00	40.87 -2.20 0.00	57.17 -2.32 -0.01	65.93 -2.89 -0.01	66.27 -2.75 -0.01	52.13 -2.21 -0.25	46.28 -2.28 -0.34	41.94 -1.70 -0.01
ROCHESTER_9_IC 23652	46.17 -0.89 0.00	43.21 -1.29 0.00	41.86 -1.03 0.00	41.75 -1.03 0.00	44.36 -0.49 0.00	47.13 -1.41 0.00	67.64 -2.02 0.00	107.71 -2.36 -2.62	62.30 -1.79 0.00	39.30 -1.77 0.00	35.83 -1.53 0.00	35.22 -1.39 0.00	33.41 -1.28 0.00	31.78 -1.22 0.00	28.06 -1.11 0.00	30.68 -1.08 0.00	34.20 -1.50 0.00	41.17 -1.89 0.00	57.65 -1.84 -0.01	66.48 -2.34 -0.01	66.92 -2.13 -0.01	52.60 -1.78 -0.28	46.67 -1.89 -0.38	42.29 -1.35 0.00
ROCKVIEW_13_KV_LD 356306	49.37 2.31 0.00	46.77 2.27 0.00	44.82 1.93 0.00	44.61 1.84 0.00	46.51 1.66 0.00	50.73 2.18 0.00	73.07 3.41 0.00	113.47 6.02 0.00	67.62 3.53 0.00	47.85 2.92 -3.86	44.64 2.54 -4.74	40.54 2.60 -1.33	38.19 2.46 -1.03	38.15 2.31 -2.83	34.27 2.04 -3.06	35.66 2.22 -1.68	41.95 2.57 -3.67	53.16 3.23 -6.87	67.53 4.40 -3.65	79.02 5.16 -5.04	73.93 5.16 0.00	57.67 3.67 0.00	51.81 3.25 0.00	46.31 2.66 0.00
ROME____115KV_TB2 80656	48.47 1.41 0.00	45.74 1.25 0.00	44.17 1.29 0.00	44.19 1.41 0.00	46.42 1.57 0.00	50.34 1.80 0.00	72.79 3.13 0.00	112.18 4.73 0.00	66.40 2.31 0.00	42.05 0.99 0.00	38.14 0.78 0.00	37.24 0.62 0.00	35.25 0.56 0.00	33.47 0.46 0.00	29.46 0.29 0.00	32.08 0.32 0.00	36.27 0.57 0.00	43.97 0.90 0.00	61.14 1.67 0.00	71.08 2.27 0.00	70.98 2.20 0.00	55.51 1.51 0.00	49.91 1.36 0.00	44.91 1.27 0.00
ROSETON___1 23587	48.71 1.65 0.00	46.14 1.65 0.00	44.30 1.41 0.00	44.10 1.33 0.00	45.97 1.12 0.00	49.90 1.36 0.00	72.03 2.37 0.00	111.64 4.19 0.00	66.59 2.50 0.00	45.56 2.17 -2.32	42.07 1.87 -2.84	39.28 1.87 -0.80	37.08 1.77 -0.62	36.35 1.65 -1.70	32.49 1.49 -1.84	34.39 1.62 -1.00	39.79 1.89 -2.20	49.54 2.37 -4.11	64.93 3.27 -2.18	75.61 3.78 -3.02	72.56 3.78 0.00	56.81 2.81 0.00	50.98 2.43 0.00	45.56 1.92 0.00
ROSETON___2 23588	48.71 1.65 0.00	46.14 1.65 0.00	44.30 1.41 0.00	44.10 1.33 0.00	45.97 1.12 0.00	49.90 1.36 0.00	72.03 2.37 0.00	111.64 4.19 0.00	66.59 2.50 0.00	45.56 2.17 -2.32	42.07 1.87 -2.84	39.28 1.87 -0.80	37.08 1.77 -0.62	36.35 1.65 -1.70	32.49 1.49 -1.84	34.39 1.62 -1.00	39.79 1.89 -2.20	49.54 2.37 -4.11	64.93 3.27 -2.18	75.61 3.78 -3.02	72.56 3.78 0.00	56.81 2.81 0.00	50.98 2.43 0.00	45.56 1.92 0.00
ROTTRDAM_115KV_TB3 80664	47.91 0.85 0.00	45.34 0.85 0.00	43.66 0.77 0.00	43.50 0.73 0.00	45.53 0.67 0.00	49.41 0.87 0.00	70.98 1.32 0.00	109.49 2.04 0.00	65.25 1.15 0.00	42.59 0.74 -0.78	38.88 0.56 -0.96	37.47 0.59 -0.27	35.42 0.52 -0.21	34.14 0.56 -0.57	30.25 0.47 -0.62	32.70 0.60 -0.34	37.23 0.79 -0.74	45.44 0.99 -1.38	61.82 1.61 -0.73	71.75 1.93 -1.02	70.63 1.86 0.00	55.40 1.40 0.00	49.91 1.36 0.00	44.61 0.96 0.00
RUSSELL___1 23602	46.45 -0.61 0.00	43.43 -1.07 0.00	42.07 -0.81 0.00	41.96 -0.81 0.00	44.58 -0.27 0.00	47.42 -1.12 0.00	68.12 -1.53 0.00	108.37 -1.72 -2.64	62.75 -1.35 0.00	39.50 -1.56 0.00	36.02 -1.34 0.00	35.41 -1.21 0.00	33.58 -1.11 0.00	31.95 -1.06 0.00	28.20 -0.96 0.00	30.84 -0.92 0.00	34.38 -1.32 0.00	41.38 -1.68 0.00	58.00 -1.49 -0.01	66.96 -1.86 -0.01	67.47 -1.58 -0.28	52.93 -1.46 -0.38	46.91 -1.65 -0.01	42.51 -1.13 0.00
RUSSELL___2 23532	46.45 -0.61 0.00	43.43 -1.07 0.00	42.07 -0.81 0.00	41.96 -0.81 0.00	44.58 -0.27 0.00	47.42 -1.12 0.00	68.12 -1.53 0.00	108.37 -1.72 -2.64	62.75 -1.35 0.00	39.50 -1.56 0.00	36.02 -1.34 0.00	35.41 -1.21 0.00	33.58 -1.11 0.00	31.95 -1.06 0.00	28.20 -0.96 0.00	30.84 -0.92 0.00	34.38 -1.32 0.00	41.38 -1.68 0.00	58.00 -1.49 -0.01	66.96 -1.86 -0.01	67.47 -1.58 -0.28	52.93 -1.46 -0.38	46.91 -1.65 -0.01	42.51 -1.13 0.00
RUSSELL___3 23549	46.45 -0.61 0.00	43.43 -1.07 0.00	42.07 -0.81 0.00	41.96 -0.81 0.00	44.58 -0.27 0.00	47.42 -1.12 0.00	68.12 -1.53 0.00	108.37 -1.72 -2.64	62.75 -1.35 0.00	39.50 -1.56 0.00	36.02 -1.34 0.00	35.41 -1.21 0.00	33.58 -1.11 0.00	31.95 -1.06 0.00	28.20 -0.96 0.00	30.84 -0.92 0.00	34.38 -1.32 0.00	41.38 -1.68 0.00	58.00 -1.49 -0.01	66.96 -1.86 -0.01	67.47 -1.58 -0.28	52.93 -1.46 -0.38	46.91 -1.65 -0.01	42.51 -1.13 0.00
RUSSELL___4 23556	46.45 -0.61 0.00	43.43 -1.07 0.00	42.07 -0.81 0.00	41.96 -0.81 0.00	44.58 -0.27 0.00	47.42 -1.12 0.00	68.12 -1.53 0.00	108.37 -1.72 -2.64	62.75 -1.35 0.00	39.50 -1.56 0.00	36.02 -1.34 0.00	35.41 -1.21 0.00	33.58 -1.11 0.00	31.95 -1.06 0.00	28.20 -0.96 0.00	30.84 -0.92 0.00	34.38 -1.32 0.00	41.38 -1.68 0.00	58.00 -1.49 -0.01	66.96 -1.86 -0.01	67.47 -1.58 -0.28	52.93 -1.46 -0.38	46.91 -1.65 -0.01	42.51 -1.13 0.00
RUSSELL___STATION 23914	46.45 -0.61 0.00	43.43 -1.07 0.00	42.07 -0.81 0.00	41.96 -0.81 0.00	44.58 -0.27 0.00	47.42 -1.12 0.00	68.12 -1.53 0.00	108.37 -1.72 -2.64	62.75 -1.35 0.00	39.50 -1.56 0.00	36.02 -1.34 0.00	35.41 -1.21 0.00	33.58 -1.11 0.00	31.95 -1.06 0.00	28.20 -0.96 0.00	30.84 -0.92 0.00	34.38 -1.32 0.00	41.38 -1.68 0.00	58.00 -1.49 -0.01	66.96 -1.86 -0.01	67.47 -1.58 -0.28	52.93 -1.46 -0.38	46.91 -1.65 -0.01	42.51 -1.13 0.00
S SALMON___HYD 24043	46.74 -0.33 0.00	44.05 -0.44 0.00	42.54 -0.34 0.00	42.60 -0.17 0.00	44.63 -0.22 0.00	48.49 -0.05 0.00	70.08 0.42 0.00	107.88 0.43 0.00	63.65 -0.45 0.00	40.00 -1.07 0.00	36.50 -0.86 0.00	35.52 -1.10 0.00	33.58 -1.11 0.00	31.88 -1.12 0.00	28.12 -1.05 0.00	30.65 -1.11 0.00	34.70 -1.00 0.00	42.07 -0.99 0.00	58.77 -0.71 0.00	68.47 -0.34 0.00	68.43 -0.34 0.00	53.57 -0.43 0.00	48.02 -0.53 0.00	43.21 -0.44 0.00
S.PERRY__115KV_TB1 80734	47.53 0.47 0.00	44.50 0.00 0.00	43.19 0.30 0.00	43.16 0.38 0.00	46.02 1.17 0.00	48.88 0.34 0.00	70.21 0.56 0.00	158.10 1.29 -49.36	63.45 -0.64 0.00	40.65 -1.60 -1.18	35.98 -1.38 0.00	35.22 -1.39 0.00	33.44 -1.25 0.00	31.85 -1.16 0.00	28.08 -1.08 0.00	30.71 -1.05 0.00	34.35 -1.36 0.00	41.63 -1.46 -0.03	58.46 -1.01 0.01	68.12 -0.69 0.01	73.69 -0.07 -4.99	60.29 -0.65 -6.94	47.72 -0.83 0.01	43.51 -0.13 0.00

SAWYER_23_KV_LOAD_REV_LBMP_A 345024	43.86 -3.20 0.00	40.80 -3.69 0.00	39.80 -3.09 0.00	39.69 -3.08 0.00	42.61 -2.24 0.00	44.03 -4.51 0.00	62.27 -7.38 0.00	84.18 -10.96 12.31	57.68 -6.41 0.00	35.74 -4.93 0.40	33.14 -4.22 0.00	32.59 -4.03 0.00	31.09 -3.61 0.00	29.64 -3.37 0.00	26.22 -2.95 0.00	28.65 -3.11 0.00	31.63 -4.07 0.00	37.71 -5.34 0.01	52.48 -6.96 0.04	60.65 -8.12 0.04	59.65 -7.84 1.29	45.75 -6.48 1.77	42.64 -5.87 0.04	39.41 -4.23 0.00
SAWYER__23_KV_LOAD 55526	43.86 -3.20 0.00	40.80 -3.69 0.00	39.80 -3.09 0.00	39.69 -3.08 0.00	42.61 -2.24 0.00	44.03 -4.51 0.00	62.27 -7.38 0.00	84.18 -10.96 12.31	57.68 -6.41 0.00	35.74 -4.93 0.40	33.14 -4.22 0.00	32.59 -4.03 0.00	31.09 -3.61 0.00	29.64 -3.37 0.00	26.22 -2.95 0.00	28.65 -3.11 0.00	31.63 -4.07 0.00	37.71 -5.34 0.01	52.48 -6.96 0.04	60.65 -8.12 0.04	59.65 -7.84 1.29	45.75 -6.48 1.77	42.64 -5.87 0.04	39.41 -4.23 0.00
SELKIRK__I 23801	48.00 0.94 0.00	45.52 1.02 0.00	43.87 0.99 0.00	43.71 0.94 0.00	45.61 0.76 0.00	49.42 0.87 0.00	71.05 1.39 0.00	110.45 3.00 0.00	65.57 1.48 0.00	42.84 0.82 -0.95	39.05 0.52 -1.16	37.45 0.51 -0.33	35.43 0.49 -0.25	34.19 0.50 -0.70	30.38 0.47 -0.75	32.74 0.57 -0.41	37.45 0.86 -0.89	46.02 1.29 -1.67	62.57 2.20 -0.89	72.58 2.55 -1.22	71.25 2.47 0.00	56.00 2.00 0.00	50.50 1.94 0.00	45.13 1.48 0.00
SELKIRK__II 23799	47.53 0.47 0.00	45.07 0.58 0.00	43.49 0.60 0.00	43.29 0.52 0.00	45.17 0.32 0.00	48.88 0.34 0.00	70.35 0.70 0.00	108.31 0.86 0.00	64.80 0.71 0.00	42.70 0.70 -0.94	39.11 0.60 -1.15	37.52 0.58 -0.32	35.50 0.55 -0.25	34.25 0.56 -0.69	30.43 0.53 -0.75	32.77 0.60 -0.41	37.34 0.75 -0.89	45.67 0.95 -1.66	61.67 1.31 -0.88	71.40 1.38 -1.22	70.08 1.30 0.00	55.14 1.14 0.00	49.67 1.12 0.00	44.43 0.79 0.00
SENECA OSWGO__HYD 24041	46.50 -0.56 0.00	43.83 -0.67 0.00	42.29 -0.60 0.00	42.17 -0.60 0.00	44.27 -0.58 0.00	47.86 -0.68 0.00	68.68 -0.98 0.00	106.27 -1.18 0.00	63.13 -0.96 0.00	40.20 -0.86 0.00	36.69 -0.67 0.00	35.96 -0.66 0.00	34.07 -0.62 0.00	32.41 -0.59 0.00	28.61 -0.56 0.00	31.22 -0.54 0.00	35.02 -0.68 0.00	42.29 -0.77 0.00	58.65 -0.83 0.00	67.99 -0.82 0.00	68.02 -0.76 0.00	53.30 -0.70 0.00	47.77 -0.78 0.00	42.99 -0.65 0.00
SENECA__115KV_TB3 355854	44.29 -2.78 0.00	41.25 -3.25 0.00	40.27 -2.62 0.00	40.16 -2.61 0.00	43.24 -1.61 0.00	45.48 -3.06 0.00	63.18 -6.48 0.00	85.53 -9.56 12.35	58.39 -5.70 0.00	36.12 -4.52 0.42	33.59 -3.77 0.00	33.10 -3.52 0.00	31.50 -3.19 0.00	30.07 -2.94 0.00	26.42 -2.74 0.00	28.94 -2.83 0.00	31.88 -3.82 0.00	38.06 -4.99 0.01	53.07 -6.36 0.04	61.54 -7.22 0.04	60.40 -7.08 1.29	46.22 -6.00 1.78	43.02 -5.49 0.04	39.85 -3.80 0.00
SENECA__ENERGY 23797	47.02 -0.05 0.00	44.23 -0.27 0.00	42.72 -0.17 0.00	42.65 -0.13 0.00	45.08 0.23 0.00	48.64 0.10 0.00	69.66 0.00 -4.29	111.74 0.00 0.00	63.65 -0.45 0.00	40.59 -0.57 -0.09	36.91 -0.45 0.00	36.18 -0.44 0.00	34.24 -0.45 0.00	32.61 -0.39 0.00	28.73 -0.44 0.00	31.35 -0.41 0.00	35.13 -0.57 0.00	42.46 -0.60 0.00	58.77 -0.71 0.00	68.12 -0.69 0.00	68.80 -0.41 -0.43	53.96 -0.65 -0.60	48.02 -0.53 0.00	43.39 -0.26 0.00
SHOEMAKER__GT 23640	48.57 1.51 0.00	45.96 1.47 0.00	44.13 1.24 0.00	43.97 1.20 0.00	45.84 0.99 0.00	49.80 1.26 0.00	71.82 2.16 0.00	111.11 3.66 0.00	66.14 2.05 19.93	22.90 1.76 24.42	14.43 1.50 6.85	31.30 1.54 5.33	30.82 1.46 5.33	19.72 1.32 14.60	14.61 1.22 15.78	24.46 1.30 8.61	18.43 1.57 18.84	9.91 2.07 35.22	43.74 2.97 18.71	46.44 3.51 25.88	72.21 3.44 0.00	56.43 2.43 0.00	50.64 2.09 0.00	45.30 1.66 0.00
SHOEMAKR_138KV_BK 111 55601	48.57 1.51 0.00	45.97 1.47 0.00	44.13 1.24 0.00	43.93 1.15 0.00	45.84 0.99 0.00	49.95 1.41 0.00	71.82 2.16 0.00	111.10 3.65 0.00	66.14 2.05 28.40	14.47 1.81 34.81	4.04 1.49 9.76	28.39 1.54 7.59	28.56 1.46 7.59	13.54 1.35 20.82	7.87 1.20 22.49	20.78 1.30 12.29	10.42 1.61 26.89	-5.08 2.11 50.25	35.70 2.91 26.70	35.39 3.51 36.93	72.15 3.37 0.00	56.38 2.38 0.00	50.64 2.09 0.00	45.30 1.66 0.00
SHOREHAM_IC_1 23715	49.98 2.92 0.00	46.99 2.49 0.00	44.90 2.02 0.00	45.08 2.31 0.00	46.51 1.66 0.00	50.73 2.19 0.00	76.02 3.14 -3.22	123.05 5.37 -10.23	68.10 2.05 -1.96	48.54 3.61 -3.86	46.24 4.15 -4.74	42.09 4.14 -1.33	39.69 3.95 -1.04	39.60 3.76 -2.84	35.58 3.35 -3.06	37.07 3.62 -1.68	45.00 4.25 -5.05	55.89 5.25 -7.57	74.00 6.48 -8.03	84.48 6.54 -9.13	79.14 7.02 -3.34	66.55 5.99 -6.55	57.15 5.48 -3.11	53.99 4.80 -5.54
SHOREHAM_IC_2 23716	49.98 2.92 0.00	46.99 2.49 0.00	44.90 2.02 0.00	45.08 2.31 0.00	46.51 1.66 0.00	50.73 2.19 0.00	76.02 3.14 -3.22	123.05 5.37 -10.23	68.10 2.05 -1.96	48.54 3.61 -3.86	46.24 4.15 -4.74	42.09 4.14 -1.33	39.69 3.95 -1.04	39.60 3.76 -2.84	35.58 3.35 -3.06	37.07 3.62 -1.68	45.00 4.25 -5.05	55.89 5.25 -7.57	74.00 6.48 -8.03	84.48 6.54 -9.13	79.14 7.02 -3.34	66.55 5.99 -6.55	57.15 5.48 -3.11	53.99 4.80 -5.54
SISSONVILLE__ 23735	46.03 -1.04 0.00	43.61 -0.89 0.00	42.03 -0.86 0.00	42.09 -0.68 0.00	44.31 -0.54 0.00	48.10 -0.44 0.00	68.96 -0.70 0.00	105.62 -1.83 0.00	62.68 -1.41 0.00	39.92 -1.15 0.00	36.28 -1.08 0.00	35.44 -1.17 0.00	33.58 -1.11 0.00	31.91 -1.09 0.00	28.14 -1.02 0.00	30.49 -1.27 0.00	34.42 -1.29 0.00	41.38 -1.68 0.00	56.68 -2.80 0.00	65.85 -2.96 0.00	65.54 -3.23 0.00	52.38 -1.62 0.00	46.80 -1.75 0.00	42.34 -1.31 0.00
SITHE_IND_GS1 24169	45.98 -1.08 0.00	43.39 -1.11 0.00	41.86 -1.03 0.00	41.75 -1.03 0.00	43.87 -0.99 0.00	47.43 -1.11 0.00	67.98 -1.67 0.00	104.98 -2.47 0.00	62.49 -1.60 0.00	39.92 -1.15 0.00	36.39 -0.97 0.00	35.66 -0.95 0.00	33.79 -0.90 0.00	32.14 -0.86 0.00	28.44 -0.73 0.00	31.00 -0.76 0.00	34.74 -0.96 0.00	41.90 -1.16 0.00	57.99 -1.48 0.00	67.16 -1.65 0.00	67.12 -1.65 0.00	52.65 -1.35 0.00	47.24 -1.31 0.00	42.56 -1.09 0.00
SITHE_IND_GS2 24170	45.98 -1.08 0.00	43.39 -1.11 0.00	41.86 -1.03 0.00	41.75 -1.03 0.00	43.87 -0.99 0.00	47.43 -1.11 0.00	67.98 -1.67 0.00	104.98 -2.47 0.00	62.49 -1.60 0.00	39.92 -1.15 0.00	36.39 -0.97 0.00	35.66 -0.95 0.00	33.79 -0.90 0.00	32.14 -0.86 0.00	28.44 -0.73 0.00	31.00 -0.76 0.00	34.74 -0.96 0.00	41.90 -1.16 0.00	57.99 -1.48 0.00	67.16 -1.65 0.00	67.12 -1.65 0.00	52.65 -1.35 0.00	47.24 -1.31 0.00	42.56 -1.09 0.00
SITHE_IND_GS3 24171	45.98 -1.08 0.00	43.39 -1.11 0.00	41.86 -1.03 0.00	41.75 -1.03 0.00	43.87 -0.99 0.00	47.43 -1.11 0.00	67.98 -1.67 0.00	104.98 -2.47 0.00	62.49 -1.60 0.00	39.92 -1.15 0.00	36.39 -0.97 0.00	35.66 -0.95 0.00	33.79 -0.90 0.00	32.14 -0.86 0.00	28.44 -0.73 0.00	31.00 -0.76 0.00	34.74 -0.96 0.00	41.90 -1.16 0.00	57.99 -1.48 0.00	67.16 -1.65 0.00	67.12 -1.65 0.00	52.65 -1.35 0.00	47.24 -1.31 0.00	42.56 -1.09 0.00

SITHE_IND_GS4 24172	45.98 -1.08 0.00	43.39 -1.11 0.00	41.86 -1.03 0.00	41.75 -1.03 0.00	43.87 -0.99 0.00	47.43 -1.11 0.00	67.98 -1.67 0.00	104.98 -2.47 0.00	62.49 -1.60 0.00	39.92 -1.15 0.00	36.39 -0.97 0.00	35.66 -0.95 0.00	33.79 -0.90 0.00	32.14 -0.86 0.00	28.44 -0.73 0.00	31.00 -0.76 0.00	34.74 -0.96 0.00	41.90 -1.16 0.00	57.99 -1.48 0.00	67.16 -1.65 0.00	67.12 -1.65 0.00	52.65 -1.35 0.00	47.24 -1.31 0.00	42.56 -1.09 0.00
SITHE__BATAVIA 24024	45.13 -1.93 0.00	42.14 -2.36 0.00	40.92 -1.97 0.00	40.94 -1.84 0.00	43.87 -0.99 0.00	46.50 -2.04 0.00	65.27 -4.39 0.00	96.15 -6.23 5.06	59.93 -4.16 0.00	37.15 -3.70 0.22	34.22 -3.14 0.00	33.72 -2.89 0.00	31.95 -2.74 0.00	30.49 -2.51 0.00	26.83 -2.33 0.00	29.45 -2.32 0.00	32.56 -3.14 0.00	39.10 -3.96 0.01	54.86 -4.58 0.04	63.68 -5.09 0.04	63.27 -4.95 0.55	48.98 -4.27 0.75	44.33 -4.18 0.04	40.81 -2.84 0.00
SITHE__INDEPEND 23800	45.98 -1.08 0.00	43.38 -1.11 0.00	41.86 -1.03 0.00	41.75 -1.03 0.00	43.87 -0.99 0.00	47.33 -1.21 0.00	67.98 -1.67 0.00	104.98 -2.47 0.00	62.49 -1.60 0.00	39.92 -1.15 0.00	36.35 -1.01 0.00	35.63 -0.99 0.00	33.79 -0.90 0.00	32.14 -0.86 0.00	28.43 -0.73 0.00	30.97 -0.79 0.00	34.74 -0.96 0.00	41.90 -1.16 0.00	57.99 -1.49 0.00	67.09 -1.72 0.00	67.12 -1.65 0.00	52.65 -1.35 0.00	47.29 -1.26 0.00	42.55 -1.09 0.00
SITHE__MASSENA 23902	47.25 0.19 0.00	44.77 0.27 0.00	43.10 0.22 0.00	43.08 0.30 0.00	45.39 0.54 0.00	49.13 0.58 0.00	70.28 0.63 0.00	107.67 0.22 0.00	64.16 0.06 0.00	41.02 -0.04 0.00	37.36 0.00 0.00	36.51 -0.11 0.00	34.59 -0.10 0.00	32.90 -0.10 0.00	29.02 -0.15 0.00	31.48 -0.29 0.00	35.45 -0.25 0.00	42.63 -0.43 0.00	58.17 -1.31 0.00	67.36 -1.45 0.00	67.33 -1.45 0.00	53.46 -0.54 0.00	48.02 -0.53 0.00	43.47 -0.17 0.00
SITHE__OGDNSBRG 24021	47.39 0.33 0.00	44.90 0.40 0.00	43.23 0.34 0.00	43.33 0.56 0.00	45.66 0.81 0.00	49.51 0.97 0.00	70.98 1.32 0.00	108.31 0.86 0.00	64.09 0.00 0.00	40.70 -0.37 0.00	36.99 -0.37 0.00	36.14 -0.48 0.00	34.28 -0.42 0.00	32.61 -0.40 0.00	28.76 -0.41 0.00	31.19 -0.57 0.00	35.20 -0.50 0.00	42.42 -0.65 0.00	58.23 -1.25 0.00	67.78 -1.03 0.00	67.54 -1.24 0.00	53.89 -0.11 0.00	48.21 -0.34 0.00	43.65 0.00 0.00
SITHE__STERLING 23777	48.24 1.18 0.00	45.52 1.02 0.00	43.91 1.03 0.00	43.88 1.11 0.00	46.11 1.25 0.00	50.00 1.45 0.00	72.09 2.44 0.00	111.11 3.66 0.00	65.88 1.79 0.00	41.81 0.74 0.00	37.99 0.63 0.00	37.09 0.47 0.00	35.14 0.45 0.00	33.37 0.36 0.00	29.43 0.26 0.00	32.05 0.29 0.00	36.17 0.46 0.00	43.79 0.73 0.00	60.90 1.43 0.00	70.67 1.86 0.00	70.63 1.86 0.00	55.29 1.29 0.00	49.67 1.12 0.00	44.65 1.00 0.00
SLEIGHT__34_KV_TB1 80719	46.64 -0.42 0.00	43.74 -0.76 0.00	42.29 -0.60 0.00	42.17 -0.60 0.00	44.67 -0.18 0.00	47.86 -0.68 0.00	68.82 -0.84 0.00	109.19 -0.64 -2.39	63.19 -0.90 0.00	39.96 -1.11 0.00	36.39 -0.97 0.00	35.70 -0.92 0.00	33.83 -0.87 0.00	32.18 -0.83 0.00	28.41 -0.76 0.00	31.00 -0.76 0.00	34.70 -1.00 0.00	41.86 -1.21 0.00	58.41 -1.07 -0.01	67.58 -1.24 -0.01	67.99 -1.03 -0.25	53.37 -0.97 -0.34	47.44 -1.12 -0.01	42.82 -0.83 0.00
SMITHTWN_69_KV_BK 1 55830	50.55 3.48 0.00	47.52 3.03 0.00	45.42 2.53 0.00	45.38 2.61 0.00	47.10 2.24 0.00	51.65 3.11 0.00	74.94 3.76 -1.53	118.64 6.34 -4.85	67.84 2.82 -0.93	48.86 3.94 -3.86	45.94 3.85 -4.74	41.76 3.81 -1.33	39.38 3.64 -1.04	39.27 3.43 -2.84	35.29 3.06 -3.06	36.78 3.34 -1.68	44.68 3.93 -5.05	55.47 4.82 -7.59	74.87 6.30 -9.08	82.81 7.02 -6.98	77.58 7.22 -1.59	68.97 5.40 -9.57	56.59 4.90 -3.14	53.57 4.36 -5.56
SOUTH CAIRO__GT 23612	49.23 2.16 0.00	46.68 2.18 0.00	44.95 2.06 0.00	44.78 2.01 0.00	46.83 1.97 0.00	50.92 2.38 0.00	73.35 3.69 0.00	112.50 5.05 0.00	66.46 2.37 0.00	43.01 0.94 -1.00	39.15 0.56 -1.23	37.44 0.48 -0.34	35.38 0.42 -0.27	34.20 0.46 -0.73	30.40 0.44 -0.79	32.79 0.60 -0.42	37.63 1.00 -0.93	46.47 1.68 -1.73	63.67 3.27 -0.92	74.07 3.99 -1.27	72.63 3.85 0.00	56.86 2.86 0.00	51.22 2.67 0.00	45.74 2.09 0.00
SOUTH HAMPTN__IC 23720	50.50 3.43 0.00	47.48 2.98 0.00	45.33 2.44 0.00	45.47 2.70 0.00	46.96 2.11 0.00	51.21 2.67 0.00	76.96 3.90 -3.40	124.93 6.66 -10.81	68.86 2.69 -2.07	48.86 3.94 -3.86	46.46 4.37 -4.74	42.34 4.39 -1.33	40.00 4.27 -1.04	39.93 4.09 -2.84	35.87 3.65 -3.06	37.38 3.94 -1.68	45.29 4.53 -5.05	56.19 5.56 -7.57	74.57 7.13 -7.96	85.67 7.50 -9.36	80.21 7.91 -3.53	66.75 6.42 -6.33	57.48 5.82 -3.11	54.28 5.10 -5.53
SOUTHDOW_115KV_TB1 355954	45.75 -1.32 0.00	42.85 -1.65 0.00	41.94 -0.94 0.00	41.83 -0.94 0.00	44.63 -0.22 0.00	46.70 -1.84 0.00	66.52 -3.13 0.00	91.46 -4.51 11.48	61.21 -2.88 0.00	37.97 -2.75 0.35	35.01 -2.35 0.00	34.27 -2.34 0.00	32.72 -1.98 0.00	31.02 -1.98 0.00	27.36 -1.81 0.00	29.86 -1.91 0.00	33.06 -2.64 0.00	39.61 -3.45 0.01	53.43 -6.01 0.04	62.99 -5.78 0.04	62.97 -4.61 1.20	46.79 -5.56 1.65	44.19 -4.32 0.04	41.42 -2.23 0.00
SOUTHOLD_69_KV_BK 2 55809	50.59 3.53 0.00	47.57 3.07 0.00	45.42 2.53 0.00	45.51 2.74 0.00	47.05 2.20 0.00	51.74 3.20 0.00	77.24 4.18 -3.40	125.24 6.98 -10.81	68.98 2.82 -2.07	48.95 4.02 -3.86	46.50 4.41 -4.74	42.45 4.50 -1.33	40.17 4.44 -1.04	40.10 4.26 -2.84	36.02 3.79 -3.06	37.58 4.13 -1.68	45.47 4.71 -5.05	56.36 5.73 -7.57	74.82 7.38 -7.96	86.08 7.91 -9.36	80.56 8.25 -3.53	66.92 6.59 -6.33	57.68 6.02 -3.11	54.42 5.24 -5.53
SOUTHOLD__IC 23719	50.59 3.53 0.00	47.56 3.07 0.00	45.42 2.53 0.00	45.51 2.74 0.00	47.05 2.20 0.00	51.31 2.77 0.00	77.17 4.11 -3.40	125.24 6.98 -10.81	68.92 2.75 -2.07	48.90 3.98 -3.86	46.54 4.44 -4.74	42.49 4.54 -1.33	40.21 4.48 -1.04	40.13 4.29 -2.84	36.05 3.82 -3.06	37.57 4.13 -1.68	45.47 4.71 -5.05	56.36 5.73 -7.57	74.87 7.43 -7.96	86.07 7.91 -9.36	80.55 8.25 -3.53	66.97 6.64 -6.33	57.68 6.02 -3.11	54.41 5.24 -5.53
SOUTH_FORK_WT_PWR 323839	50.26 3.20 0.00	47.21 2.71 0.00	45.07 2.19 0.00	45.17 2.39 0.00	46.69 1.84 0.00	50.92 2.38 0.00	76.61 3.55 -3.40	124.38 6.12 -10.81	68.41 2.24 -2.07	48.58 3.65 -3.86	46.32 4.22 -4.74	42.34 4.39 -1.33	40.14 4.41 -1.04	40.10 4.26 -2.84	36.05 3.82 -3.06	37.55 4.10 -1.68	45.39 4.64 -5.05	56.19 5.56 -7.57	74.63 7.19 -7.96	85.67 7.50 -9.36	80.21 7.91 -3.53	66.70 6.37 -6.33	57.44 5.78 -3.11	54.20 5.02 -5.53
SPIERFLS_115KV_TB 1 80737	47.63 0.56 0.00	45.08 0.58 0.00	43.32 0.43 0.00	43.16 0.38 0.00	45.21 0.36 0.00	49.17 0.63 0.00	70.98 1.32 0.00	109.60 2.15 0.00	65.05 0.96 0.00	42.22 0.33 -0.83	39.04 0.67 -1.01	37.52 0.62 -0.28	35.43 0.52 -0.22	34.20 0.59 -0.61	30.23 0.41 -0.65	32.76 0.64 -0.36	37.56 1.07 -0.78	45.13 0.60 -1.46	61.86 1.61 -0.78	72.02 2.13 -1.07	70.77 1.99 0.00	55.46 1.46 0.00	49.91 1.36 0.00	44.30 0.65 0.00

ST LAWRENCE____ 23600	46.74 -0.33 0.00	44.28 -0.22 0.00	42.63 -0.26 0.00	42.60 -0.17 0.00	44.76 -0.09 0.00	48.54 0.00 0.00	69.38 -0.28 0.00	106.48 -0.97 0.00	63.58 -0.51 0.00	40.74 -0.33 0.00	37.14 -0.22 0.00	36.32 -0.29 0.00	34.41 -0.28 0.00	32.71 -0.30 0.00	28.87 -0.29 0.00	31.35 -0.41 0.00	35.24 -0.47 0.00	42.37 -0.69 0.00	57.93 -1.55 0.00	66.96 -1.85 0.00	66.85 -1.93 0.00	52.92 -1.08 0.00	47.63 -0.92 0.00	42.99 -0.65 0.00
STATE_CA_115KV_115_LB 55624	47.63 0.56 0.00	45.21 0.71 0.00	43.62 0.73 0.00	43.42 0.64 0.00	45.30 0.45 0.00	49.12 0.58 0.00	70.63 0.98 0.00	108.95 1.50 0.00	65.18 1.09 0.00	42.77 0.82 -0.89	39.16 0.71 -1.09	37.58 0.66 -0.31	35.56 0.62 -0.24	34.31 0.66 -0.65	30.42 0.55 -0.70	32.85 0.70 -0.38	37.47 0.93 -0.84	45.75 1.12 -1.57	61.98 1.67 -0.83	71.75 1.79 -1.15	70.49 1.72 0.00	55.30 1.30 0.00	50.01 1.46 0.00	44.61 0.96 0.00
STATE_ST_34_KV_LOAD 55959	47.53 0.47 0.00	44.76 0.27 0.00	43.19 0.30 0.00	43.07 0.30 0.00	45.39 0.54 0.00	48.93 0.39 0.00	70.42 0.77 0.00	111.29 1.50 -2.33	64.54 0.45 0.00	41.08 -0.04 -0.05	37.36 0.00 0.00	36.54 -0.07 0.00	34.66 -0.03 0.00	32.94 -0.07 0.00	29.11 -0.06 0.00	31.70 -0.06 0.00	35.63 -0.07 0.00	43.11 0.04 0.00	59.78 0.30 0.00	69.36 0.55 0.00	69.77 0.76 -0.24	54.60 0.27 -0.33	48.70 0.15 0.00	43.91 0.26 0.00
STATION_5_MISC_HYD 23604	46.17 -0.90 0.00	43.20 -1.29 0.00	41.86 -1.03 0.00	41.79 -0.98 0.00	44.45 -0.40 0.00	47.67 -0.87 0.00	67.71 -1.95 0.00	107.71 -2.36 -2.62	62.30 -1.79 0.00	39.30 -1.76 0.00	35.90 -1.46 0.00	35.33 -1.28 0.00	33.48 -1.22 0.00	31.88 -1.12 0.00	28.06 -1.11 0.00	30.72 -1.05 0.00	34.20 -1.50 0.00	41.17 -1.89 0.00	57.53 -1.96 -0.01	66.76 -2.06 -0.01	66.99 -2.06 -0.28	52.60 -1.78 -0.38	46.53 -2.04 -0.01	42.29 -1.35 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	46.69 -0.38 0.00	43.83 -0.67 0.00	42.37 -0.51 0.00	42.30 -0.47 0.00	44.81 -0.04 0.00	47.91 -0.63 0.00	68.82 -0.84 0.00	110.33 -0.64 -3.52	63.19 -0.90 0.00	40.00 -1.07 0.00	36.43 -0.93 0.00	35.74 -0.88 0.00	33.90 -0.80 0.00	32.21 -0.79 0.00	28.43 -0.73 0.00	31.06 -0.70 0.00	34.74 -0.96 0.00	41.90 -1.16 0.00	58.42 -1.07 -0.01	67.51 -1.31 -0.01	68.11 -1.03 -0.36	53.42 -1.08 -0.50	47.44 -1.12 -0.01	42.95 -0.70 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	45.98 -1.08 0.00	43.07 -1.42 0.00	41.69 -1.20 0.00	41.58 -1.20 0.00	44.14 -0.72 0.00	46.99 -1.55 0.00	67.43 -2.23 0.00	107.39 -2.69 -2.62	62.10 -1.99 0.00	39.22 -1.85 0.00	35.75 -1.61 0.00	35.11 -1.50 0.00	33.34 -1.35 0.00	31.72 -1.29 0.00	28.00 -1.17 0.00	30.59 -1.18 0.00	34.13 -1.57 0.00	41.08 -1.98 0.00	57.47 -2.02 -0.01	66.34 -2.48 -0.01	66.78 -2.27 -0.28	52.44 -1.94 -0.38	46.52 -2.04 -0.01	42.12 -1.53 0.00
STA_56____34_KV_BUS2 355983	45.98 -1.08 0.00	43.07 -1.42 0.00	41.69 -1.20 0.00	41.58 -1.20 0.00	44.14 -0.72 0.00	46.99 -1.55 0.00	67.43 -2.23 0.00	107.39 -2.69 -2.62	62.10 -1.99 0.00	39.22 -1.85 0.00	35.75 -1.61 0.00	35.11 -1.50 0.00	33.34 -1.35 0.00	31.72 -1.29 0.00	28.00 -1.17 0.00	30.59 -1.18 0.00	34.13 -1.57 0.00	41.08 -1.98 0.00	57.47 -2.02 -0.01	66.34 -2.48 -0.01	66.78 -2.27 -0.28	52.44 -1.94 -0.38	46.52 -2.04 -0.01	42.12 -1.53 0.00
STA_67____115KV_BK2 355882	46.07 -0.99 0.00	43.12 -1.38 0.00	41.77 -1.12 0.00	41.66 -1.11 0.00	44.27 -0.58 0.00	47.04 -1.50 0.00	67.50 -2.16 0.00	107.36 -2.69 -2.60	62.17 -1.92 0.00	39.22 -1.85 0.00	35.75 -1.61 0.00	35.15 -1.46 0.00	33.34 -1.35 0.00	31.72 -1.29 0.00	28.00 -1.17 0.00	30.62 -1.14 0.00	34.13 -1.57 0.00	41.08 -1.98 0.00	57.47 -2.02 -0.01	66.35 -2.48 -0.01	66.78 -2.27 -0.28	52.44 -1.94 -0.38	46.53 -2.04 -0.01	42.16 -1.48 0.00
STA_7____115KV_9TRANS 80674	46.45 -0.61 0.00	43.43 -1.07 0.00	42.07 -0.81 0.00	41.96 -0.81 0.00	44.58 -0.27 0.00	47.42 -1.12 0.00	68.12 -1.53 0.00	108.37 -1.72 -2.64	62.75 -1.35 0.00	39.50 -1.56 0.00	36.02 -1.34 0.00	35.41 -1.21 0.00	33.58 -1.11 0.00	31.95 -1.06 0.00	28.20 -0.96 0.00	30.84 -0.92 0.00	34.38 -1.32 0.00	41.38 -1.68 0.00	58.00 -1.49 -0.01	66.96 -1.86 -0.01	67.47 -1.58 -0.28	52.93 -1.46 -0.38	46.91 -1.65 -0.01	42.51 -1.13 0.00
STA_82____115KV_TB1 80780	46.03 -1.04 0.00	43.07 -1.42 0.00	41.73 -1.16 0.00	41.66 -1.11 0.00	44.23 -0.63 0.00	46.99 -1.55 0.00	67.43 -2.23 0.00	107.34 -2.79 -2.68	62.10 -1.99 0.00	39.18 -1.89 0.00	35.72 -1.64 0.00	35.11 -1.50 0.00	33.31 -1.39 0.00	31.68 -1.32 0.00	27.97 -1.20 0.00	30.59 -1.18 0.00	34.10 -1.61 0.00	41.04 -2.02 0.00	57.41 -2.08 -0.01	66.28 -2.55 -0.01	66.72 -2.34 -0.28	52.39 -2.00 -0.39	46.53 -2.04 -0.01	42.16 -1.48 0.00
STEEL____WIND 323596	44.29 -2.78 0.00	41.25 -3.25 0.00	40.27 -2.62 0.00	40.16 -2.61 0.00	43.19 -1.66 0.00	45.48 -3.06 0.00	63.11 -6.55 0.00	85.43 -9.67 12.35	58.39 -5.70 0.00	36.08 -4.56 0.42	33.55 -3.81 0.00	33.10 -3.52 0.00	31.47 -3.23 0.00	30.03 -2.97 0.00	26.42 -2.74 0.00	28.94 -2.83 0.00	31.88 -3.82 0.00	38.06 -4.99 0.01	53.01 -6.42 0.04	61.54 -7.22 0.04	60.40 -7.08 1.29	46.17 -6.05 1.78	42.97 -5.54 0.04	39.80 -3.84 0.00
STEPHTWN_115KV_BK_2 55603	47.91 0.85 0.00	45.48 0.98 0.00	43.83 0.94 0.00	43.67 0.90 0.00	45.57 0.72 0.00	49.46 0.92 0.00	71.12 1.46 0.00	109.71 2.26 0.00	65.50 1.41 0.00	43.04 1.03 -0.95	39.31 0.78 -1.17	37.67 0.73 -0.33	35.64 0.69 -0.25	34.46 0.76 -0.70	30.56 0.64 -0.75	32.97 0.79 -0.41	37.68 1.07 -0.90	46.13 1.38 -1.69	62.46 2.08 -0.89	72.32 2.27 -1.24	70.98 2.20 0.00	55.67 1.67 0.00	50.30 1.75 0.00	44.87 1.22 0.00
STEBEN_REC_LFGE 323667	46.36 -0.71 0.00	43.52 -0.98 0.00	42.42 -0.47 0.00	42.52 -0.26 0.00	45.44 0.58 0.00	48.15 -0.39 0.00	68.75 -0.91 0.00	139.67 -0.75 -32.97	62.81 -1.28 0.00	39.44 -1.72 -0.10	34.94 -1.42 1.00	34.87 -1.46 0.28	33.19 -1.28 0.22	31.15 -1.25 0.60	27.29 -1.22 0.65	29.99 -1.40 0.37	33.07 -1.82 0.81	39.46 -2.11 1.50	55.74 -2.91 0.82	65.00 -2.68 1.13	69.97 -2.13 -3.32	56.09 -2.54 -4.62	46.36 -2.18 0.01	42.60 -1.05 0.00
STILLWATER____SOLAR 323814	48.24 1.18 0.00	45.70 1.20 0.00	44.00 1.11 0.00	43.80 1.02 0.00	45.84 0.99 0.00	49.66 1.12 0.00	71.68 2.02 0.00	110.45 3.00 0.00	65.76 1.66 0.00	42.82 0.90 -0.85	38.85 0.45 -1.04	37.31 0.40 -0.29	35.27 0.35 -0.23	34.02 0.40 -0.62	30.16 0.32 -0.67	32.64 0.51 -0.37	37.36 0.86 -0.80	45.82 1.25 -1.50	62.59 2.32 -0.80	72.74 2.82 -1.10	71.46 2.68 0.00	56.10 2.10 0.00	50.50 1.94 0.00	45.00 1.35 0.00
STONY____BROOK 24151	50.55 3.48 0.00	47.52 3.03 0.00	45.42 2.53 0.00	45.38 2.61 0.00	47.09 2.24 0.00	51.26 2.72 0.00	75.90 3.76 -2.48	121.78 6.45 -7.88	68.42 2.82 -1.51	48.86 3.94 -3.86	46.02 3.92 -4.74	41.83 3.88 -1.33	39.45 3.71 -1.04	39.33 3.50 -2.84	35.35 3.12 -3.06	36.85 3.40 -1.68	44.72 3.96 -5.05	55.51 4.86 -7.58	74.36 6.43 -8.46	84.09 7.09 -8.19	78.64 7.29 -2.57	67.35 5.56 -7.79	56.63 4.95 -3.12	53.60 4.41 -5.55

STURGEON_POOL_HYD 23609	49.23 2.16 0.00	46.59 2.09 0.00	44.73 1.84 0.00	44.53 1.75 0.00	46.47 1.61 0.00	50.63 2.09 0.00	72.86 3.20 0.00	112.72 5.27 0.00	67.17 3.08 0.00	44.50 2.22 -1.22	40.61 1.76 -1.49	38.79 1.76 -0.42	36.58 1.56 -0.33	35.28 1.39 -0.89	31.41 1.28 -0.97	33.61 1.37 -0.48	38.43 1.68 -1.05	47.27 2.24 -1.96	63.79 3.27 -1.04	74.17 3.92 -1.44	73.11 4.33 0.00	57.08 3.08 0.00	51.22 2.67 0.00	45.83 2.18 0.00
ST_LAW_115_BK7_LBMP 345037	46.68 -0.38 0.00	44.23 -0.27 0.00	42.59 -0.30 0.00	42.56 -0.21 0.00	44.76 -0.09 0.00	48.54 0.00 0.00	69.31 -0.35 0.00	106.38 -1.07 0.00	63.51 -0.58 0.00	40.74 -0.33 0.00	37.10 -0.26 0.00	36.28 -0.33 0.00	34.38 -0.31 0.00	32.67 -0.33 0.00	28.84 -0.32 0.00	31.32 -0.44 0.00	35.20 -0.50 0.00	42.33 -0.73 0.00	57.75 -1.73 0.00	66.81 -2.00 0.00	66.78 -2.00 0.00	52.81 -1.19 0.00	47.58 -0.97 0.00	42.99 -0.65 0.00
ST_LAW_115_BK8_LBMP 345038	46.68 -0.38 0.00	44.23 -0.27 0.00	42.59 -0.30 0.00	42.56 -0.21 0.00	44.76 -0.09 0.00	48.54 0.00 0.00	69.31 -0.35 0.00	106.38 -1.07 0.00	63.51 -0.58 0.00	40.74 -0.33 0.00	37.10 -0.26 0.00	36.28 -0.33 0.00	34.38 -0.31 0.00	32.67 -0.33 0.00	28.84 -0.32 0.00	31.32 -0.44 0.00	35.20 -0.50 0.00	42.33 -0.73 0.00	57.75 -1.73 0.00	66.81 -2.00 0.00	66.78 -2.00 0.00	52.81 -1.19 0.00	47.58 -0.97 0.00	42.99 -0.65 0.00
ST_LAW_230_BK5_LBMP 345035	46.74 -0.33 0.00	44.28 -0.22 0.00	42.63 -0.26 0.00	42.60 -0.17 0.00	44.76 -0.09 0.00	48.54 0.00 0.00	69.38 -0.28 0.00	106.48 -0.97 0.00	63.58 -0.51 0.00	40.74 -0.33 0.00	37.14 -0.22 0.00	36.32 -0.29 0.00	34.41 -0.28 0.00	32.71 -0.30 0.00	28.87 -0.29 0.00	31.35 -0.41 0.00	35.24 -0.47 0.00	42.37 -0.69 0.00	57.93 -1.55 0.00	66.96 -1.85 0.00	66.85 -1.93 0.00	52.92 -1.08 0.00	47.63 -0.92 0.00	42.99 -0.65 0.00
ST_LAW_230_BK6_LBMP 345036	46.74 -0.33 0.00	44.28 -0.22 0.00	42.63 -0.26 0.00	42.60 -0.17 0.00	44.76 -0.09 0.00	48.54 0.00 0.00	69.38 -0.28 0.00	106.48 -0.97 0.00	63.58 -0.51 0.00	40.74 -0.33 0.00	37.14 -0.22 0.00	36.32 -0.29 0.00	34.41 -0.28 0.00	32.71 -0.30 0.00	28.87 -0.29 0.00	31.35 -0.41 0.00	35.24 -0.47 0.00	42.37 -0.69 0.00	57.93 -1.55 0.00	66.96 -1.85 0.00	66.85 -1.93 0.00	52.92 -1.08 0.00	47.63 -0.92 0.00	42.99 -0.65 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	48.71 1.65 0.00	46.10 1.60 0.00	44.22 1.33 0.00	44.06 1.28 0.00	45.93 1.08 0.00	50.05 1.50 0.00	72.02 2.37 0.00	111.43 3.98 0.00	66.46 2.37 0.00	51.50 2.05 -8.38	49.35 1.72 -10.27	41.25 1.76 -2.88	38.60 1.67 -2.24	40.69 1.55 -6.14	37.17 1.37 -6.63	36.92 1.49 -3.66	45.54 1.82 -8.02	60.38 3.21 -14.99	70.65 3.85 -7.96	83.68 3.78 -11.02	72.56 3.78 0.00	56.65 2.65 0.00	50.88 2.33 0.00	45.48 1.83 0.00
SWANROAD_115KV_TB1 355699	42.64 -4.42 0.00	39.91 -4.58 0.00	38.73 -4.16 0.00	38.84 -3.94 0.00	41.53 -3.32 0.00	42.62 -5.92 0.00	60.25 -9.40 0.00	83.37 -14.40 9.68	55.76 -8.33 0.00	34.62 -6.12 0.32	32.05 -5.31 0.00	31.53 -5.09 0.00	30.11 -4.58 0.00	28.68 -4.32 0.00	25.40 -3.76 0.00	27.79 -3.97 0.00	30.63 -5.07 0.00	36.51 -6.55 0.01	50.98 -8.45 0.05	58.78 -9.98 0.05	57.77 -9.97 1.03	44.65 -7.94 1.42	41.31 -7.19 0.05	38.19 -5.46 0.00
SYNERGY___BIOGAS 323694	45.13 -1.93 0.00	42.14 -2.36 0.00	40.91 -1.97 0.00	40.93 -1.84 0.00	43.73 -1.12 0.00	45.63 -2.91 0.00	65.20 -4.46 0.00	96.16 -6.23 5.06	59.93 -4.17 0.00	37.11 -3.74 0.22	34.11 -3.25 0.00	33.50 -3.11 0.00	31.88 -2.81 0.00	30.36 -2.64 0.00	26.80 -2.36 0.00	29.38 -2.38 0.00	32.56 -3.14 0.00	39.10 -3.96 0.01	54.92 -4.52 0.04	63.47 -5.30 0.04	63.20 -5.02 0.55	48.98 -4.27 0.75	44.48 -4.03 0.04	40.81 -2.84 0.00
SYRACUSE___ENERGY_ST1 323597	47.30 0.24 0.00	44.59 0.09 0.00	43.02 0.13 0.00	42.90 0.13 0.00	45.12 0.27 0.00	48.69 0.15 0.00	69.94 0.28 0.00	108.31 0.86 0.00	64.35 0.26 0.00	40.98 -0.08 0.00	37.36 0.00 0.00	36.58 -0.04 0.00	34.66 -0.03 0.00	32.94 -0.07 0.00	29.11 -0.06 0.00	31.73 -0.03 0.00	35.60 -0.11 0.00	42.98 -0.09 0.00	59.54 0.06 0.00	69.02 0.21 0.00	69.12 0.34 0.00	54.11 0.11 0.00	48.55 0.00 0.00	43.69 0.04 0.00
SYRACUSE___ENERGY_ST2 323598	47.30 0.24 0.00	44.59 0.09 0.00	43.02 0.13 0.00	42.90 0.13 0.00	45.12 0.27 0.00	48.69 0.15 0.00	69.94 0.28 0.00	108.31 0.86 0.00	64.35 0.26 0.00	40.98 -0.08 0.00	37.36 0.00 0.00	36.58 -0.04 0.00	34.66 -0.03 0.00	32.94 -0.07 0.00	29.11 -0.06 0.00	31.73 -0.03 0.00	35.60 -0.11 0.00	42.98 -0.09 0.00	59.54 0.06 0.00	69.02 0.21 0.00	69.12 0.34 0.00	54.11 0.11 0.00	48.55 0.00 0.00	43.69 0.04 0.00
SYRACUSE___POWER 24017	47.20 0.14 0.00	44.50 0.00 0.00	42.93 0.04 0.00	42.82 0.04 0.00	45.03 0.18 0.00	48.59 0.05 0.00	69.87 0.21 0.00	108.10 0.64 0.00	64.22 0.13 0.00	40.90 -0.16 0.00	37.29 -0.07 0.00	36.51 -0.11 0.00	34.59 -0.10 0.00	32.90 -0.10 0.00	29.08 -0.09 0.00	31.67 -0.10 0.00	35.56 -0.14 0.00	42.98 -0.09 0.00	59.54 0.06 0.00	68.95 0.14 0.00	69.05 0.28 0.00	54.00 0.00 0.00	48.50 -0.05 0.00	43.65 0.00 0.00
TALLMAN__138KV_BK151 55660	48.95 1.88 0.00	46.32 1.82 0.00	44.43 1.54 0.00	44.27 1.50 0.00	46.11 1.26 0.00	50.29 1.75 0.00	72.37 2.72 0.00	112.07 4.62 0.00	66.85 2.76 0.00	50.25 2.38 -6.80	47.75 2.05 -8.34	41.04 2.09 -2.34	38.52 2.01 -1.82	39.84 1.85 -4.99	36.21 1.66 -5.39	36.50 1.78 -2.96	44.29 2.11 -6.48	57.84 2.67 -12.11	69.60 3.69 -6.43	82.04 4.34 -8.90	73.04 4.26 0.00	57.02 3.02 0.00	51.22 2.67 0.00	45.78 2.14 0.00
TEALLAVE_115KV_TB7 355573	47.02 -0.05 0.00	44.32 -0.18 0.00	42.72 -0.17 0.00	42.65 -0.13 0.00	44.85 0.00 0.00	48.40 -0.15 0.00	69.52 -0.14 0.00	107.56 0.11 0.00	63.96 -0.13 0.00	40.78 -0.29 0.00	37.14 -0.22 0.00	36.40 -0.22 0.00	34.49 -0.21 0.00	32.77 -0.23 0.00	28.99 -0.17 0.00	31.57 -0.19 0.00	35.42 -0.29 0.00	42.76 -0.30 0.00	59.24 -0.24 0.00	68.60 -0.21 0.00	68.71 -0.07 0.00	53.78 -0.22 0.00	48.26 -0.29 0.00	43.47 -0.17 0.00
TELGRAPH_34_KV_EAST 80808	44.05 -3.01 0.00	41.20 -3.29 0.00	40.01 -2.87 0.00	40.04 -2.74 0.00	42.79 -2.06 0.00	44.37 -4.17 0.00	63.04 -6.62 0.00	90.76 -9.78 6.91	58.20 -5.90 0.00	36.12 -4.68 0.26	33.29 -4.07 0.00	32.73 -3.88 0.00	31.19 -3.50 0.00	29.70 -3.30 0.00	26.25 -2.92 0.00	28.75 -3.02 0.00	31.78 -3.93 0.00	38.02 -5.04 0.01	53.19 -6.19 0.11	61.41 -7.29 0.11	60.89 -7.08 0.81	47.09 -5.83 1.08	43.06 -5.39 0.11	39.72 -3.93 0.00
TEMPLE___115KV_TB 2 55572	47.06 0.00 0.00	44.36 -0.13 0.00	42.76 -0.13 0.00	42.69 -0.09 0.00	44.90 0.04 0.00	48.44 -0.10 0.00	69.59 -0.07 0.00	107.67 0.21 0.00	64.03 -0.06 0.00	40.82 -0.25 0.00	37.17 -0.19 0.00	36.43 -0.18 0.00	34.52 -0.17 0.00	32.84 -0.17 0.00	29.02 -0.15 0.00	31.60 -0.16 0.00	35.49 -0.21 0.00	42.81 -0.26 0.00	59.30 -0.18 0.00	68.67 -0.14 0.00	68.78 0.00 0.00	53.84 -0.16 0.00	48.31 -0.24 0.00	43.51 -0.13 0.00

TIANA___69_KV_BK 1 55817	50.50 3.44 0.00	47.43 2.94 0.00	45.33 2.44 0.00	45.47 2.69 0.00	47.01 2.15 0.00	51.65 3.11 0.00	77.03 3.97 -3.40	124.81 6.55 -10.81	68.86 2.69 -2.07	48.91 3.98 -3.86	46.39 4.30 -4.74	42.27 4.32 -1.33	39.93 4.20 -1.04	39.80 3.96 -2.84	35.76 3.53 -3.06	37.29 3.84 -1.68	45.22 4.46 -5.05	56.15 5.51 -7.57	74.40 6.96 -7.96	85.53 7.36 -9.36	80.14 7.84 -3.53	66.59 6.26 -6.33	57.39 5.73 -3.11	54.20 5.02 -5.53
TILDEN___115KV_TB1 80814	47.20 0.14 0.00	44.50 0.00 0.00	42.93 0.04 0.00	42.82 0.04 0.00	45.03 0.18 0.00	48.59 0.05 0.00	69.87 0.21 0.00	108.10 0.64 0.00	64.22 0.13 0.00	40.90 -0.16 0.00	37.29 -0.07 0.00	36.51 -0.11 0.00	34.59 -0.10 0.00	32.90 -0.10 0.00	29.08 -0.09 0.00	31.67 -0.10 0.00	35.56 -0.14 0.00	42.98 -0.09 0.00	59.54 0.06 0.00	68.95 0.14 0.00	69.05 0.28 0.00	54.00 0.00 0.00	48.50 -0.05 0.00	43.65 0.00 0.00
TRIGEN___CC 323695	49.75 2.68 0.00	46.90 2.40 0.00	44.86 1.97 0.00	44.74 1.97 0.00	46.56 1.70 0.00	50.97 2.43 0.00	72.72 3.06 0.00	112.61 5.16 0.00	66.66 2.56 0.00	48.21 3.29 -3.86	45.09 2.99 -4.74	40.92 2.97 -1.34	38.58 2.84 -1.05	38.55 2.71 -2.84	34.62 2.39 -3.07	35.99 2.54 -1.69	43.70 2.89 -5.10	54.59 3.53 -7.99	67.95 4.82 -3.65	79.43 5.57 -5.05	74.43 5.64 -0.02	58.68 4.00 -0.69	57.04 3.54 -4.94	55.47 3.01 -8.81
TRINITY___115KV___4 BK 55933	47.44 0.38 0.00	45.03 0.53 0.00	43.44 0.56 0.00	43.29 0.51 0.00	45.12 0.27 0.00	48.93 0.39 0.00	70.35 0.70 0.00	108.42 0.97 0.00	64.86 0.77 0.00	42.75 0.74 -0.95	39.16 0.64 -1.16	37.53 0.59 -0.33	35.50 0.56 -0.25	34.32 0.63 -0.69	30.44 0.52 -0.75	32.84 0.67 -0.41	37.42 0.82 -0.90	45.73 0.99 -1.67	61.74 1.37 -0.89	71.49 1.45 -1.23	70.15 1.38 0.00	55.08 1.08 0.00	49.77 1.21 0.00	44.43 0.79 0.00
UNION___PROCESSING_DRP 323587	46.03 -1.04 0.00	43.12 -1.38 0.00	41.73 -1.16 0.00	41.66 -1.11 0.00	44.23 -0.63 0.00	47.04 -1.50 0.00	67.43 -2.23 0.00	107.20 -2.79 -2.55	62.10 -1.99 0.00	39.18 -1.89 0.00	35.72 -1.64 0.00	35.11 -1.50 0.00	33.31 -1.39 0.00	31.68 -1.32 0.00	28.00 -1.17 0.00	30.59 -1.18 0.00	34.10 -1.61 0.00	41.04 -2.02 0.00	57.41 -2.08 -0.01	66.28 -2.55 -0.01	66.71 -2.34 -0.27	52.43 -1.94 -0.37	46.53 -2.04 -0.01	42.16 -1.48 0.00
UPPER HUDSON___HYD 24058	47.63 0.57 0.00	45.07 0.58 0.00	43.32 0.43 0.00	43.16 0.38 0.00	45.21 0.36 0.00	49.08 0.53 0.00	70.98 1.32 0.00	109.60 2.15 0.00	65.05 0.96 0.00	42.14 0.25 -0.83	38.11 -0.26 -1.01	36.57 -0.33 -0.28	34.57 -0.35 -0.22	33.34 -0.27 -0.61	29.50 -0.32 -0.65	31.96 -0.16 -0.36	36.66 0.18 -0.78	45.04 0.52 -1.46	61.86 1.61 -0.78	72.02 2.14 -1.07	70.77 2.00 0.00	55.46 1.46 0.00	49.91 1.36 0.00	44.30 0.66 0.00
UPPER RAQUET___HYD 24056	46.03 -1.04 0.00	43.61 -0.89 0.00	42.03 -0.86 0.00	42.09 -0.69 0.00	44.32 -0.54 0.00	48.06 -0.49 0.00	68.96 -0.70 0.00	105.62 -1.83 0.00	62.68 -1.41 0.00	39.92 -1.15 0.00	36.31 -1.05 0.00	35.44 -1.17 0.00	33.58 -1.11 0.00	31.91 -1.09 0.00	28.12 -1.05 0.00	30.49 -1.27 0.00	34.42 -1.28 0.00	41.43 -1.64 0.00	56.57 -2.91 0.00	65.65 -3.16 0.00	65.54 -3.23 0.00	52.11 -1.89 0.00	46.81 -1.75 0.00	42.34 -1.31 0.00
VALLEY44_115KV_TB2 355964	45.56 -1.51 0.00	42.63 -1.87 0.00	41.56 -1.33 0.00	41.45 -1.33 0.00	44.05 -0.81 0.00	46.45 -2.09 0.00	65.96 -3.69 0.00	90.50 -6.23 10.72	60.25 -3.85 0.00	37.81 -2.96 0.30	34.93 -2.43 0.00	34.23 -2.38 0.00	32.61 -2.08 0.00	30.99 -2.01 0.00	27.36 -1.81 0.00	29.79 -1.97 0.00	33.13 -2.57 0.00	39.70 -3.36 0.01	51.41 -8.03 0.04	61.76 -7.02 0.04	62.43 -5.23 1.12	45.22 -7.24 1.54	43.32 -5.20 0.04	41.29 -2.36 0.00
VALLEY___115KV_TB 1-4 80826	46.78 -0.28 0.00	44.27 -0.22 0.00	42.67 -0.21 0.00	42.60 -0.17 0.00	44.67 -0.18 0.00	48.49 -0.05 0.00	69.73 0.07 0.00	107.67 0.21 0.00	64.22 0.13 0.00	41.11 0.04 0.00	37.36 0.00 0.00	36.61 0.00 0.00	34.66 -0.03 0.00	32.94 -0.07 0.00	29.05 -0.12 0.00	31.60 -0.16 0.00	35.60 -0.11 0.00	42.93 -0.13 0.00	59.48 0.00 0.00	68.88 0.07 0.00	68.78 0.00 0.00	53.89 -0.11 0.00	48.50 -0.05 0.00	43.56 -0.09 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	49.18 2.12 0.00	46.45 1.96 0.00	44.73 1.84 0.00	44.70 1.92 0.00	46.83 1.97 0.00	50.73 2.18 0.00	73.21 3.55 0.00	112.93 5.48 0.00	67.17 3.08 0.00	41.12 1.72 1.67	36.74 1.42 2.04	37.40 1.35 0.57	35.53 1.28 0.45	32.90 1.12 1.22	28.78 0.93 1.32	32.03 1.02 0.74	35.39 1.32 1.63	41.83 1.81 3.04	60.60 2.74 1.62	69.95 3.37 2.24	72.08 3.30 0.00	56.32 2.32 0.00	50.79 2.23 0.00	45.61 1.96 0.00
VISCHER___FERRY HYD 24020	47.72 0.66 0.00	45.25 0.76 0.00	43.66 0.77 0.00	43.46 0.68 0.00	45.35 0.49 0.00	49.13 0.58 0.00	70.77 1.11 0.00	109.06 1.61 0.00	65.25 1.15 0.00	42.88 0.90 -0.92	39.12 0.63 -1.12	37.51 0.58 -0.31	35.49 0.55 -0.24	34.23 0.56 -0.67	30.41 0.53 -0.73	32.89 0.73 -0.40	37.57 1.00 -0.87	45.93 1.25 -1.62	62.24 1.90 -0.86	72.20 2.20 -1.19	70.84 2.06 0.00	55.73 1.73 0.00	50.15 1.60 0.00	44.74 1.09 0.00
V_A_10_SYNC_DSASP 323832	43.91 -3.15 0.00	40.89 -3.60 0.00	39.76 -3.13 0.00	39.65 -3.12 0.00	42.48 -2.38 0.00	44.17 -4.37 0.00	62.55 -7.10 0.00	86.48 -10.53 10.44	57.94 -6.15 0.00	36.26 -4.56 0.24	33.44 -3.92 0.00	32.88 -3.73 0.00	31.33 -3.37 0.00	29.87 -3.14 0.00	26.42 -2.74 0.00	28.87 -2.89 0.00	31.92 -3.78 0.00	38.10 -4.95 0.01	53.43 -6.01 0.04	61.48 -7.29 0.04	60.39 -7.29 1.10	46.88 -5.62 1.51	43.17 -5.34 0.04	39.59 -4.06 0.00
V_CMM_10_SYNC_DSASP 323787	46.97 -0.09 0.00	44.50 0.00 0.00	42.84 -0.04 0.00	42.82 0.04 0.00	45.03 0.18 0.00	48.78 0.24 0.00	69.38 -0.28 0.00	106.48 -0.97 0.00	63.58 -0.51 0.00	40.90 -0.16 0.00	37.29 -0.07 0.00	36.47 -0.15 0.00	34.55 -0.14 0.00	32.84 -0.17 0.00	28.99 -0.17 0.00	31.48 -0.29 0.00	35.38 -0.32 0.00	42.50 -0.56 0.00	57.87 -1.61 0.00	66.95 -1.86 0.00	66.78 -1.99 0.00	53.30 -0.70 0.00	47.78 -0.78 0.00	43.21 -0.44 0.00
V_CMP_10_SYNC_DSASP 323788	47.58 0.52 0.00	45.08 0.58 0.00	43.40 0.51 0.00	43.42 0.64 0.00	45.71 0.85 0.00	49.51 0.97 0.00	70.84 1.18 0.00	108.85 1.40 0.00	64.92 0.83 0.00	41.52 0.45 0.00	37.81 0.45 0.00	36.94 0.33 0.00	35.01 0.31 0.00	33.27 0.26 0.00	29.34 0.17 0.00	31.76 0.00 0.00	35.67 -0.04 0.00	42.76 -0.30 0.00	58.41 -1.07 0.00	67.43 -1.38 0.00	67.12 -1.65 0.00	53.41 -0.59 0.00	47.73 -0.83 0.00	43.17 -0.48 0.00
V_D_10_SYNC_DSASP 323841	47.25 0.19 0.00	44.76 0.27 0.00	43.10 0.21 0.00	43.12 0.34 0.00	45.39 0.54 0.00	49.12 0.58 0.00	70.21 0.56 0.00	107.67 0.21 0.00	64.22 0.13 0.00	41.02 -0.04 0.00	37.36 0.00 0.00	36.51 -0.11 0.00	34.62 -0.07 0.00	32.90 -0.10 0.00	29.05 -0.12 0.00	31.51 -0.25 0.00	35.49 -0.21 0.00	42.63 -0.43 0.00	58.29 -1.19 0.00	67.50 -1.31 0.00	67.33 -1.44 0.00	53.68 -0.32 0.00	48.02 -0.53 0.00	43.47 -0.17 0.00

V_E_10_SYNC_DSASP 323830	50.17 3.11 0.00	47.26 2.76 0.00	45.59 2.70 0.00	45.68 2.91 0.00	48.13 3.27 0.00	52.13 3.59 0.00	75.86 6.20 0.00	117.23 9.78 0.00	68.90 4.81 0.00	41.60 1.97 1.44	36.99 1.46 1.83	37.31 1.21 0.51	35.41 1.11 0.40	32.77 0.86 1.09	28.57 0.58 1.18	31.76 0.73 0.73	35.35 1.25 1.60	42.23 2.15 2.99	61.88 3.99 1.59	71.84 5.23 2.20	74.07 5.30 0.00	57.40 3.40 0.00	51.56 3.01 0.00	46.48 2.84 0.00
V_F_30_NSYNC_DSASP 323816	48.33 1.27 0.00	45.79 1.29 0.00	44.09 1.20 0.00	43.89 1.11 0.00	45.97 1.12 0.00	49.90 1.36 0.00	71.82 2.16 0.00	110.78 3.33 0.00	65.95 1.86 0.00	42.93 1.03 -0.84	39.21 0.82 -1.03	37.67 0.77 -0.29	35.61 0.69 -0.22	34.34 0.73 -0.61	30.41 0.58 -0.66	32.95 0.83 -0.36	37.67 1.18 -0.79	45.93 1.38 -1.48	62.65 2.38 -0.79	72.79 2.89 -1.09	71.60 2.82 0.00	56.16 2.16 0.00	50.59 2.04 0.00	45.04 1.40 0.00
V_F_30_SYNC_DSASP 323786	47.63 0.56 0.00	45.21 0.71 0.00	43.57 0.69 0.00	43.42 0.64 0.00	45.30 0.45 0.00	49.12 0.58 0.00	70.63 0.98 0.00	108.95 1.50 0.00	65.12 1.03 0.00	42.78 0.82 -0.89	39.16 0.71 -1.09	37.58 0.66 -0.31	35.56 0.62 -0.24	34.32 0.66 -0.65	30.42 0.55 -0.71	32.81 0.67 -0.39	37.44 0.89 -0.84	45.76 1.12 -1.58	61.98 1.67 -0.84	71.76 1.79 -1.16	70.49 1.72 0.00	55.30 1.30 0.00	50.01 1.46 0.00	44.61 0.96 0.00
V_XM_10_SYNC_DSASP 323789	47.58 0.52 0.00	45.08 0.58 0.00	43.40 0.51 0.00	43.42 0.64 0.00	45.71 0.85 0.00	49.51 0.97 0.00	70.84 1.18 0.00	108.85 1.40 0.00	64.92 0.83 0.00	41.52 0.45 0.00	37.81 0.45 0.00	36.94 0.33 0.00	35.01 0.31 0.00	33.27 0.26 0.00	29.34 0.17 0.00	31.76 0.00 0.00	35.67 -0.04 0.00	42.76 -0.30 0.00	58.41 -1.07 0.00	67.43 -1.38 0.00	67.12 -1.65 0.00	53.41 -0.59 0.00	47.73 -0.83 0.00	43.17 -0.48 0.00
W.BABYLN_69_KV_BK1 56697	50.73 3.67 0.00	47.74 3.25 0.00	45.63 2.74 0.00	45.51 2.74 0.00	47.32 2.47 0.00	51.84 3.30 0.00	74.80 4.18 -0.97	117.30 6.77 -3.08	67.89 3.20 -0.59	48.99 4.07 -3.86	45.91 3.81 -4.74	41.72 3.77 -1.34	39.31 3.57 -1.04	39.24 3.40 -2.84	35.23 3.00 -3.06	36.75 3.30 -1.68	44.58 3.82 -5.06	55.43 4.74 -7.63	70.32 6.30 -4.53	82.31 7.23 -6.27	77.15 7.36 -1.01	60.68 5.40 -1.28	56.84 4.90 -3.39	53.96 4.28 -6.04
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	49.09 2.02 0.00	46.50 2.00 0.00	44.56 1.67 0.00	44.40 1.63 0.00	46.29 1.44 0.00	50.43 1.89 0.00	72.58 2.93 0.00	112.50 5.05 0.00	67.10 3.01 0.00	49.16 2.50 -5.59	46.38 2.17 -6.85	40.73 2.20 -1.92	38.27 2.08 -1.49	39.02 1.91 -4.10	35.31 1.72 -4.43	36.04 1.84 -2.43	43.24 2.21 -5.32	55.81 2.80 -9.95	68.63 3.87 -5.28	80.66 4.54 -7.31	73.31 4.54 0.00	57.19 3.19 0.00	51.37 2.82 0.00	45.92 2.27 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	49.42 2.35 0.00	46.81 2.31 0.00	44.86 1.97 0.00	44.66 1.88 0.00	46.56 1.70 0.00	50.77 2.23 0.00	73.21 3.55 0.00	113.68 6.23 0.00	67.87 3.78 0.00	48.09 3.16 -3.87	44.83 2.73 -4.74	40.73 2.78 -1.33	38.36 2.64 -1.03	38.28 2.44 -2.83	34.35 2.13 -3.06	35.76 2.32 -1.68	42.09 2.71 -3.67	53.38 3.45 -6.87	67.65 4.52 -3.65	79.15 5.30 -5.05	74.00 5.23 0.00	57.67 3.67 0.00	51.85 3.30 0.00	46.31 2.66 0.00
W50THST__13_KV_LOAD 356117	49.60 2.54 0.00	46.99 2.49 0.00	44.99 2.10 0.00	44.78 2.01 0.00	46.69 1.84 0.00	50.97 2.43 0.00	73.56 3.90 0.00	114.22 6.77 0.00	68.19 4.10 0.00	48.34 3.41 -3.87	45.01 2.91 -4.74	40.91 2.97 -1.33	38.54 2.81 -1.03	38.44 2.61 -2.83	34.50 2.27 -3.06	35.92 2.48 -1.68	42.23 2.86 -3.67	53.59 3.66 -6.87	67.94 4.82 -3.65	79.43 5.57 -5.05	74.35 5.57 0.00	57.89 3.89 0.00	52.05 3.50 0.00	46.48 2.84 0.00
WADING RIVER_IC_1 23522	49.98 2.92 0.00	46.99 2.49 0.00	44.90 2.02 0.00	45.04 2.27 0.00	46.56 1.70 0.00	50.73 2.19 0.00	76.13 3.06 -3.41	123.65 5.37 -10.83	68.22 2.05 -2.08	48.54 3.61 -3.86	46.17 4.07 -4.74	42.01 4.06 -1.33	39.62 3.88 -1.04	39.53 3.70 -2.84	35.52 3.29 -3.06	37.00 3.56 -1.68	44.90 4.14 -5.05	55.76 5.12 -7.57	73.81 6.37 -7.97	84.64 6.47 -9.37	79.25 6.94 -3.54	66.17 5.83 -6.34	57.00 5.34 -3.11	53.85 4.67 -5.53
WADING RIVER_IC_2 23547	49.98 2.92 0.00	46.99 2.49 0.00	44.90 2.02 0.00	45.04 2.27 0.00	46.56 1.70 0.00	50.73 2.19 0.00	76.13 3.06 -3.41	123.65 5.37 -10.83	68.22 2.05 -2.08	48.54 3.61 -3.86	46.17 4.07 -4.74	42.01 4.06 -1.33	39.62 3.88 -1.04	39.53 3.70 -2.84	35.52 3.29 -3.06	37.00 3.56 -1.68	44.90 4.14 -5.05	55.76 5.12 -7.57	73.81 6.37 -7.97	84.64 6.47 -9.37	79.25 6.94 -3.54	66.17 5.83 -6.34	57.00 5.34 -3.11	53.85 4.67 -5.53
WADING RIVER_IC_3 23601	49.98 2.92 0.00	46.99 2.49 0.00	44.90 2.02 0.00	45.04 2.27 0.00	46.56 1.70 0.00	50.73 2.19 0.00	76.13 3.06 -3.41	123.65 5.37 -10.83	68.22 2.05 -2.08	48.54 3.61 -3.86	46.17 4.07 -4.74	42.01 4.06 -1.33	39.62 3.88 -1.04	39.53 3.70 -2.84	35.52 3.29 -3.06	37.00 3.56 -1.68	44.90 4.14 -5.05	55.76 5.12 -7.57	73.81 6.37 -7.97	84.64 6.47 -9.37	79.25 6.94 -3.54	66.17 5.83 -6.34	57.00 5.34 -3.11	53.85 4.67 -5.53
WALDENNY_12_KV_BK2 80841	44.15 -2.92 0.00	41.16 -3.34 0.00	40.14 -2.74 0.00	40.08 -2.69 0.00	42.97 -1.88 0.00	44.37 -4.17 0.00	62.83 -6.83 0.00	85.24 -10.10 12.11	58.20 -5.90 0.00	35.97 -4.68 0.41	33.33 -4.03 0.00	32.73 -3.88 0.00	31.26 -3.43 0.00	29.77 -3.23 0.00	26.34 -2.83 0.00	28.81 -2.95 0.00	31.78 -3.93 0.01	37.97 -5.08 0.04	52.89 -6.54 0.04	61.13 -7.64 0.04	60.15 -7.36 1.27	46.04 -6.21 1.75	42.92 -5.58 0.04	39.67 -3.97 0.00
WALDEN__HYDRO 24148	49.65 2.59 0.00	46.99 2.49 0.00	45.12 2.23 0.00	44.91 2.14 0.00	46.87 2.02 0.00	51.11 2.57 0.00	73.63 3.97 0.00	113.90 6.45 0.00	67.74 3.65 0.00	45.32 2.46 -1.79	41.42 1.87 -2.20	39.02 1.79 -0.62	36.73 1.56 -0.48	35.64 1.32 -1.31	31.78 1.20 -1.42	33.81 1.30 -0.74	39.01 1.68 -1.63	48.39 2.28 -3.05	64.61 3.51 -1.62	75.25 4.20 -2.24	73.93 5.16 0.00	57.67 3.67 0.00	51.76 3.20 0.00	46.22 2.58 0.00
WARRENSBURG____ 23737	47.63 0.56 0.00	45.08 0.58 0.00	43.32 0.43 0.00	43.16 0.38 0.00	45.21 0.36 0.00	49.17 0.63 0.00	70.98 1.32 0.00	109.60 2.15 0.00	65.05 0.96 0.00	42.22 0.33 -0.83	39.04 0.67 -1.01	37.52 0.62 -0.28	35.43 0.52 -0.22	34.20 0.59 -0.61	30.23 0.41 -0.65	32.76 0.64 -0.36	37.56 1.07 -0.78	45.13 0.60 -1.46	61.86 1.61 -0.78	72.02 2.13 -1.07	70.77 1.99 0.00	55.46 1.46 0.00	49.91 1.36 0.00	44.30 0.65 0.00
WATERSIDE__6 8 9 23538	49.46 2.40 0.00	46.90 2.40 0.00	44.90 2.02 0.00	44.66 1.88 0.00	46.56 1.70 0.00	50.68 2.14 0.00	73.07 3.41 0.00	113.57 6.12 0.00	67.81 3.72 0.00	48.17 3.24 -3.86	44.86 2.76 -4.73	40.76 2.82 -1.33	38.40 2.67 -1.03	38.31 2.48 -2.83	34.38 2.16 -3.06	35.76 2.32 -1.68	42.12 2.75 -3.67	53.37 3.45 -6.86	67.70 4.58 -3.64	79.22 5.37 -5.04	74.07 5.30 0.00	57.67 3.67 0.00	51.85 3.30 0.00	46.44 2.79 0.00

WATKINRD_115KV_LN8_ILLLION 55919	46.92 -0.14 0.00	44.41 -0.09 0.00	42.80 -0.09 0.00	42.69 -0.09 0.00	44.76 -0.09 0.00	48.54 0.00 0.00	69.80 0.14 0.00	107.67 0.21 0.00	64.22 0.13 0.00	41.15 0.08 0.00	37.40 0.04 0.00	36.61 0.00 0.00	34.69 0.00 0.00	32.97 -0.03 0.00	29.11 -0.06 0.00	31.70 -0.06 0.00	35.67 -0.04 0.00	43.06 0.00 0.00	59.60 0.12 0.00	69.02 0.21 0.00	68.91 0.14 0.00	54.00 0.00 0.00	48.60 0.05 0.00	43.65 0.00 0.00
WDELAWARE___HYD 323627	49.18 2.12 0.00	46.54 2.05 0.00	44.65 1.76 0.00	44.53 1.75 0.00	46.42 1.57 0.00	50.53 1.99 0.00	73.00 3.34 0.00	113.68 6.23 0.00	67.49 3.39 0.00	42.24 2.05 0.87	37.86 1.57 1.07	37.85 1.54 0.30	35.85 1.39 0.23	33.55 1.19 0.64	29.55 1.08 0.69	32.32 1.14 0.58	35.93 1.50 1.27	42.84 2.15 2.38	61.66 3.45 1.26	71.19 4.13 1.75	73.18 4.41 0.00	57.13 3.13 0.00	51.17 2.62 0.00	45.78 2.14 0.00
WEST BABYLON___IC 23714	50.73 3.67 0.00	47.74 3.25 0.00	45.63 2.74 0.00	45.51 2.74 0.00	47.32 2.47 0.00	51.84 3.30 0.00	74.80 4.18 -0.97	117.30 6.77 -3.08	67.89 3.20 -0.59	48.99 4.07 -3.86	45.91 3.81 -4.74	41.72 3.77 -1.34	39.31 3.57 -1.04	39.24 3.40 -2.84	35.23 3.00 -3.06	36.75 3.30 -1.68	44.58 3.82 -5.06	55.43 4.74 -7.63	70.32 6.30 -4.53	82.31 7.23 -6.27	77.15 7.36 -1.01	60.68 5.40 -1.28	56.84 4.90 -3.39	53.96 4.28 -6.04
WEST CANADA___HYD 24049	47.11 0.05 0.00	44.54 0.04 0.00	42.93 0.04 0.00	42.82 0.04 0.00	44.85 0.00 0.00	48.54 0.00 0.00	69.80 0.14 0.00	107.67 0.22 0.00	64.22 0.13 0.00	41.15 0.08 0.00	37.43 0.07 0.00	36.69 0.07 0.00	34.76 0.07 0.00	33.04 0.03 0.00	29.19 0.03 0.00	31.79 0.03 0.00	35.77 0.07 0.00	43.19 0.13 0.00	59.72 0.24 0.00	69.09 0.28 0.00	69.05 0.28 0.00	54.16 0.16 0.00	48.70 0.15 0.00	43.73 0.09 0.00
WESTERN_NY_WIND 24143	44.99 -2.07 0.00	42.05 -2.45 0.00	40.83 -2.06 0.00	40.85 -1.92 0.00	43.64 -1.21 0.00	45.48 -3.06 0.00	64.92 -4.74 0.00	95.01 -6.66 5.78	59.67 -4.42 0.00	36.97 -3.86 0.23	33.96 -3.40 0.00	33.39 -3.22 0.00	31.78 -2.91 0.00	30.26 -2.74 0.00	26.74 -2.42 0.00	29.32 -2.45 0.00	32.45 -3.25 0.00	38.92 -4.13 0.01	54.67 -4.76 0.05	63.19 -5.57 0.05	62.92 -5.23 0.63	48.66 -4.48 0.86	44.28 -4.22 0.05	40.68 -2.97 0.00
WESTOVER___LESR 323668	47.49 0.42 0.00	44.72 0.22 0.00	43.19 0.30 0.00	43.07 0.30 0.00	45.35 0.49 0.00	48.83 0.29 0.00	70.00 0.35 0.00	105.05 0.32 2.73	64.09 0.00 0.00	39.58 -0.25 1.24	35.69 -0.15 1.52	36.04 -0.15 0.43	34.26 -0.10 0.33	31.96 -0.13 0.91	28.04 -0.15 0.98	31.16 -0.06 0.54	34.41 -0.11 1.19	40.76 -0.09 2.22	58.00 -0.30 1.18	67.17 0.00 1.64	68.77 0.28 0.28	53.34 -0.27 0.39	48.40 -0.15 0.01	43.82 0.17 0.00
WETHRSFD_WT_PWR 323626	44.71 -2.35 0.00	41.87 -2.63 0.00	40.79 -2.10 0.00	40.76 -2.01 0.00	43.69 -1.17 0.00	46.31 -2.23 0.00	64.78 -4.88 0.00	75.24 -7.31 24.90	59.35 -4.74 0.00	36.08 -3.86 1.13	34.11 -3.25 0.00	33.54 -3.08 0.00	31.88 -2.81 0.00	30.40 -2.61 0.00	26.74 -2.42 0.00	29.16 -2.60 0.00	32.31 -3.39 0.00	38.73 -4.31 0.03	53.98 -5.47 0.03	62.65 -6.12 0.03	60.45 -5.78 2.55	45.39 -5.08 3.53	44.10 -4.42 0.03	40.59 -3.06 0.00
WHAVSTOR_138KV_BK127 55557	48.90 1.84 0.00	46.32 1.82 0.00	44.43 1.54 0.00	44.23 1.45 0.00	46.11 1.26 0.00	50.24 1.70 0.00	72.30 2.65 0.00	112.07 4.62 0.00	66.85 2.76 0.00	48.84 2.38 -5.40	46.03 2.05 -6.61	40.56 2.09 -1.85	38.15 2.01 -1.44	38.81 1.85 -3.95	35.10 1.66 -4.27	35.89 1.78 -2.35	42.94 2.11 -5.13	55.33 2.67 -9.60	68.20 3.63 -5.10	80.13 4.27 -7.05	73.04 4.26 0.00	57.02 3.02 0.00	51.22 2.67 0.00	45.78 2.14 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	48.90 1.84 0.00	46.32 1.82 0.00	44.43 1.54 0.00	44.23 1.45 0.00	46.11 1.26 0.00	50.24 1.70 0.00	72.30 2.65 0.00	112.07 4.62 0.00	66.85 2.76 0.00	48.84 2.38 -5.40	46.03 2.05 -6.61	40.56 2.09 -1.85	38.15 2.01 -1.44	38.81 1.85 -3.95	35.10 1.66 -4.27	35.89 1.78 -2.35	42.94 2.11 -5.13	55.33 2.67 -9.60	68.20 3.63 -5.10	80.13 4.27 -7.05	73.04 4.26 0.00	57.02 3.02 0.00	51.22 2.67 0.00	45.78 2.14 0.00
WHITEHAL_115KV_TB1 80871	47.72 0.66 0.00	45.16 0.67 0.00	43.40 0.51 0.00	43.20 0.43 0.00	45.35 0.49 0.00	49.41 0.87 0.00	71.47 1.81 0.00	110.24 2.79 0.00	65.12 1.03 0.00	42.02 0.12 -0.83	38.60 0.22 -1.02	37.08 0.18 -0.29	34.99 0.07 -0.22	33.81 0.20 -0.61	29.82 0.00 -0.66	32.38 0.25 -0.36	37.24 0.75 -0.79	45.05 0.52 -1.47	62.10 1.84 -0.78	72.51 2.61 -1.08	71.11 2.34 0.00	55.67 1.67 0.00	50.11 1.55 0.00	44.34 0.70 0.00
WHITEPLN_13_KV_LOAD 356215	49.56 2.49 0.00	46.94 2.45 0.00	44.99 2.10 0.00	44.78 2.01 0.00	46.69 1.84 0.00	50.92 2.38 0.00	73.42 3.76 0.00	114.11 6.66 0.00	68.07 3.97 0.00	48.00 3.00 -3.94	44.84 2.65 -4.83	40.68 2.71 -1.35	38.31 2.57 -1.05	38.30 2.41 -2.89	34.41 2.13 -3.12	35.79 2.32 -1.71	42.09 2.64 -3.74	53.38 3.32 -7.00	67.83 4.64 -3.72	79.39 5.44 -5.14	74.28 5.50 0.00	57.89 3.89 0.00	52.00 3.45 0.00	46.44 2.79 0.00
WM_FLOYD_69_KV_BK2 356380	50.50 3.44 0.00	47.43 2.94 0.00	45.33 2.44 0.00	45.43 2.65 0.00	47.01 2.15 0.00	51.60 3.06 0.00	76.77 3.83 -3.28	124.32 6.45 -10.43	68.85 2.76 -2.00	48.86 3.94 -3.86	46.21 4.11 -4.74	42.01 4.06 -1.33	39.62 3.89 -1.04	39.53 3.70 -2.84	35.49 3.27 -3.06	37.04 3.59 -1.68	44.93 4.18 -5.05	55.85 5.21 -7.57	74.05 6.60 -7.97	85.17 7.16 -9.20	79.68 7.50 -3.40	66.28 5.89 -6.39	57.06 5.39 -3.11	53.94 4.76 -5.54
WOODARD_115KV_TB2 355635	46.92 -0.14 0.00	44.23 -0.27 0.00	42.63 -0.26 0.00	42.56 -0.21 0.00	44.72 -0.13 0.00	48.25 -0.29 0.00	69.38 -0.28 0.00	107.34 -0.11 0.00	63.84 -0.26 0.00	40.70 -0.37 0.00	37.06 -0.30 0.00	36.32 -0.29 0.00	34.42 -0.28 0.00	32.74 -0.26 0.00	28.93 -0.23 0.00	31.51 -0.25 0.00	35.38 -0.32 0.00	42.72 -0.34 0.00	59.18 -0.30 0.00	68.47 -0.34 0.00	68.57 -0.21 0.00	53.68 -0.32 0.00	48.21 -0.34 0.00	43.38 -0.26 0.00
WOODMERE_69_KV_BK1 55827	50.22 3.15 0.00	47.30 2.80 0.00	45.25 2.36 0.00	45.13 2.35 0.00	46.92 2.06 0.00	51.40 2.86 0.00	73.42 3.76 0.00	113.57 6.12 0.00	67.23 3.14 0.00	48.54 3.61 -3.86	45.39 3.29 -4.74	41.25 3.30 -1.34	38.86 3.12 -1.05	38.82 2.97 -2.84	34.86 2.62 -3.07	36.25 2.80 -1.69	43.99 3.18 -5.11	55.00 3.92 -8.02	68.61 5.47 -3.65	80.26 6.40 -5.05	75.19 6.40 -0.02	59.24 4.54 -0.70	57.59 3.98 -5.06	56.07 3.40 -9.02
YORK___WARBASSE 23770	49.65 2.59 0.00	47.12 2.63 0.00	45.03 2.14 0.00	44.83 2.05 0.00	46.65 1.79 0.00	50.82 2.28 0.00	73.28 3.62 0.00	113.90 6.45 0.00	67.87 3.78 0.00	48.21 3.29 -3.86	44.90 2.80 -4.73	40.83 2.89 -1.33	38.47 2.74 -1.03	38.34 2.51 -2.83	34.44 2.22 -3.06	35.82 2.38 -1.68	42.19 2.82 -3.67	53.54 3.62 -6.86	68.06 4.94 -3.64	79.70 5.85 -5.04	74.55 5.78 0.00	57.94 3.94 0.00	52.10 3.54 0.00	46.61 2.97 0.00