

Day Ahead Market Generator LBMP

Generator Data		--- Marginal Cost of Losses															--- Marginal Cost of Congestion										11/29/2023		
Name	PTID	00:00 EST	01:00 EST	02:00 EST	03:00 EST	04:00 EST	05:00 EST	06:00 EST	07:00 EST	08:00 EST	09:00 EST	10:00 EST	11:00 EST	12:00 EST	13:00 EST	14:00 EST	15:00 EST	16:00 EST	17:00 EST	18:00 EST	19:00 EST	20:00 EST	21:00 EST	22:00 EST	23:00 EST				
59TH STREET_GT_1 24138		46.71 2.26 -15.12	42.39 2.11 -12.21	38.93 2.03 -9.43	38.78 2.01 -9.26	38.79 1.98 -9.30	43.82 2.68 -4.92	65.56 4.10 -8.28	75.56 4.79 -13.81	66.06 3.77 -16.84	59.90 3.16 -17.21	55.22 2.73 -16.56	53.82 2.70 -17.31	53.04 2.44 -19.68	54.28 2.37 -21.12	57.93 2.07 -27.90	59.29 2.07 -28.50	70.77 2.19 -40.82	101.53 2.52 -67.88	95.90 1.86 -70.19	71.74 1.91 -44.43	58.78 1.94 -28.28	58.10 1.72 -29.90	55.09 1.65 -27.99	52.00 1.75 -24.08				
74TH STREET_GT_1 24260		46.69 2.23 -15.12	42.39 2.11 -12.21	38.93 2.03 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.75 2.61 -4.92	65.46 3.99 -8.28	75.40 4.61 -13.82	66.03 3.73 -16.85	59.79 3.04 -17.22	55.19 2.69 -16.57	53.76 2.64 -17.32	52.99 2.38 -19.70	54.23 2.31 -21.14	57.89 2.01 -27.91	59.15 2.01 -28.41	70.54 2.11 -40.68	101.16 2.40 -67.64	95.59 1.79 -69.96	71.54 1.85 -44.29	58.63 1.88 -28.18	58.00 1.72 -29.80	54.97 1.63 -27.90	51.98 1.73 -24.09				
74TH STREET_GT_2 24261		46.69 2.23 -15.12	42.39 2.11 -12.21	38.93 2.03 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.75 2.61 -4.92	65.46 3.99 -8.28	75.40 4.61 -13.82	66.03 3.73 -16.85	59.79 3.04 -17.22	55.19 2.69 -16.57	53.76 2.64 -17.32	52.99 2.38 -19.70	54.23 2.31 -21.14	57.89 2.01 -27.91	59.15 2.01 -28.41	70.54 2.11 -40.68	101.16 2.40 -67.64	95.59 1.79 -69.96	71.54 1.85 -44.29	58.63 1.88 -28.18	58.00 1.72 -29.80	54.97 1.63 -27.90	51.98 1.73 -24.09				
ADK HUDSON___FALLS 24011		50.63 1.91 -19.38	45.56 1.82 -15.65	41.37 1.81 -12.10	41.20 1.82 -11.88	41.32 1.90 -11.92	46.78 2.57 -8.00	68.49 4.68 -10.62	79.29 4.61 -17.72	70.60 3.55 -21.60	64.21 2.61 -22.08	59.18 2.01 -21.24	57.76 1.76 -22.21	57.74 1.58 -25.25	59.48 1.60 -27.09	65.31 1.57 -35.78	66.72 1.64 -36.36	81.53 1.72 -52.05	119.67 1.99 -86.55	114.86 1.50 -89.52	83.74 1.68 -56.67	66.42 1.80 -36.06	66.07 1.46 -38.14	62.47 1.32 -35.70	58.25 1.28 -30.81				
ADK RESOURCE___RCVRY 23798		50.78 2.05 -19.39	45.76 2.02 -15.66	41.57 2.00 -12.10	41.40 2.01 -11.88	41.52 2.09 -11.93	47.12 2.90 -8.01	69.00 5.22 -10.60	79.83 5.18 -17.68	71.11 4.09 -21.56	64.48 2.92 -22.04	59.40 2.26 -21.20	57.92 1.96 -22.17	57.85 1.73 -25.20	59.61 1.78 -27.05	65.44 1.76 -35.72	66.97 1.87 -36.38	81.94 1.94 -52.25	120.24 2.24 -86.87	115.35 1.67 -89.84	84.12 1.85 -56.87	66.75 2.00 -36.19	66.39 1.64 -38.27	62.75 1.48 -35.83	58.39 1.41 -30.82				
ADK S GLENS___FALLS 24028		50.63 1.91 -19.38	45.56 1.82 -15.65	41.37 1.81 -12.10	41.20 1.82 -11.88	41.32 1.90 -11.92	46.78 2.57 -8.00	68.49 4.68 -10.62	79.29 4.61 -17.72	70.60 3.55 -21.60	64.21 2.61 -22.08	59.18 2.01 -21.24	57.76 1.76 -22.21	57.74 1.58 -25.25	59.48 1.60 -27.09	65.31 1.57 -35.78	66.72 1.64 -36.36	81.53 1.72 -52.05	119.67 1.99 -86.55	114.86 1.50 -89.52	83.74 1.68 -56.67	66.42 1.80 -36.06	66.07 1.46 -38.14	62.47 1.32 -35.70	58.25 1.28 -30.81				
ADK_NYS___DAM 23527		50.26 2.20 -18.72	45.28 2.08 -15.12	41.15 2.00 -11.69	40.99 2.01 -11.47	41.00 1.98 -11.51	46.16 2.68 -7.26	67.48 4.04 -10.25	78.34 4.27 -17.11	69.76 3.45 -20.86	63.76 2.92 -21.32	58.88 2.44 -20.51	57.54 2.30 -21.44	57.42 2.13 -24.38	59.13 2.19 -26.16	64.53 2.01 -34.55	66.00 2.07 -35.20	80.22 2.00 -50.46	117.30 2.27 -83.90	112.35 1.74 -86.77	82.16 1.83 -54.93	65.51 2.00 -34.95	65.27 1.83 -36.96	61.75 1.71 -34.60	57.71 1.78 -29.77				
AIR_PRODUCTS___DRP 24190		49.45 1.23 -18.88	44.50 1.18 -15.25	40.37 1.13 -11.78	40.21 1.13 -11.57	40.24 1.13 -11.61	44.65 1.52 -6.92	65.34 1.81 -10.34	76.04 1.82 -17.26	67.95 1.45 -21.04	62.29 1.26 -21.51	57.87 1.26 -20.69	56.64 1.22 -21.63	56.65 1.14 -24.59	58.28 1.11 -26.39	63.79 0.98 -34.85	65.09 1.01 -35.36	79.16 0.78 -50.63	116.15 0.84 -84.18	111.55 0.64 -87.06	81.20 0.69 -55.11	64.38 0.74 -35.07	64.26 0.69 -37.09	60.80 0.64 -34.72	56.86 0.68 -30.01				
AKWESSNE_115KV_BK 355683		28.96 -0.38 0.00	27.77 -0.31 0.00	27.21 -0.25 0.00	27.29 -0.22 0.00	27.34 -0.17 0.00	35.89 -0.33 0.00	52.77 -0.43 0.00	56.56 -0.40 0.00	45.09 -0.36 0.00	39.28 -0.24 0.00	35.75 -0.18 0.00	33.53 -0.27 0.00	30.63 -0.28 0.00	30.51 -0.28 0.00	27.77 -0.20 0.00	28.47 -0.26 0.00	27.59 -0.17 0.00	30.88 -0.25 0.00	23.65 -0.19 0.00	25.15 -0.25 0.00	28.13 -0.43 0.00	26.21 -0.26 0.00	25.17 -0.28 0.00	25.82 -0.34 0.00				
ALBANY___1 23571		49.45 1.23 -18.88	44.50 1.18 -15.25	40.37 1.13 -11.78	40.21 1.13 -11.57	40.24 1.13 -11.61	44.65 1.52 -6.92	65.34 1.81 -10.34	76.04 1.82 -17.26	67.95 1.45 -21.04	62.29 1.26 -21.51	57.87 1.26 -20.69	56.64 1.22 -21.63	56.65 1.14 -24.59	58.28 1.11 -26.39	63.79 0.98 -34.85	65.09 1.01 -35.36	79.16 0.78 -50.63	116.15 0.84 -84.18	111.55 0.64 -87.06	81.20 0.69 -55.11	64.38 0.74 -35.07	64.26 0.69 -37.09	60.80 0.64 -34.72	56.86 0.68 -30.01				
ALBANY___2 23572		49.45 1.23 -18.88	44.50 1.18 -15.25	40.37 1.13 -11.78	40.21 1.13 -11.57	40.24 1.13 -11.61	44.65 1.52 -6.92	65.34 1.81 -10.34	76.04 1.82 -17.26	67.95 1.45 -21.04	62.29 1.26 -21.51	57.87 1.26 -20.69	56.64 1.22 -21.63	56.65 1.14 -24.59	58.28 1.11 -26.39	63.79 0.98 -34.85	65.09 1.01 -35.36	79.16 0.78 -50.63	116.15 0.84 -84.18	111.55 0.64 -87.06	81.20 0.69 -55.11	64.38 0.74 -35.07	64.26 0.69 -37.09	60.80 0.64 -34.72	56.86 0.68 -30.01				
ALBANY___3 23573		49.45 1.23 -18.88	44.50 1.18 -15.25	40.37 1.13 -11.78	40.21 1.13 -11.57	40.24 1.13 -11.61	44.65 1.52 -6.92	65.34 1.81 -10.34	76.04 1.82 -17.26	67.95 1.45 -21.04	62.29 1.26 -21.51	57.87 1.26 -20.69	56.64 1.22 -21.63	56.65 1.14 -24.59	58.28 1.11 -26.39	63.79 0.98 -34.85	65.09 1.01 -35.36	79.16 0.78 -50.63	116.15 0.84 -84.18	111.55 0.64 -87.06	81.20 0.69 -55.11	64.38 0.74 -35.07	64.26 0.69 -37.09	60.80 0.64 -34.72	56.86 0.68 -30.01				

ALBANY___4 23574	49.45 1.23 -18.88	44.50 1.18 -15.25	40.37 1.13 -11.78	40.21 1.13 -11.57	40.24 1.13 -11.61	44.65 1.52 -6.92	65.34 1.81 -10.34	76.04 1.82 -17.26	67.95 1.45 -21.04	62.29 1.26 -21.51	57.87 1.26 -20.69	56.64 1.22 -21.63	56.65 1.14 -24.59	58.28 1.11 -26.39	63.79 0.98 -34.85	65.09 1.01 -35.36	79.16 0.78 -50.63	116.15 0.84 -84.18	111.55 0.64 -87.06	81.20 0.69 -55.11	64.38 0.74 -35.07	64.26 0.69 -37.09	60.80 0.64 -34.72	56.86 0.68 -30.01
ALBANY___LFGE 323615	49.88 1.52 -19.01	44.89 1.46 -15.36	40.75 1.43 -11.87	40.57 1.40 -11.65	40.63 1.43 -11.69	45.29 1.85 -7.23	66.02 2.50 -10.33	76.77 2.57 -17.24	68.61 2.14 -21.02	62.79 1.78 -21.49	58.29 1.69 -20.67	57.03 1.62 -21.61	56.97 1.48 -24.57	58.60 1.45 -26.37	64.10 1.31 -34.82	65.56 1.35 -35.48	80.13 1.14 -51.24	117.57 1.25 -85.20	112.88 0.93 -88.11	82.19 1.02 -55.77	65.17 1.11 -35.49	65.02 1.01 -37.53	61.50 0.91 -35.14	57.36 0.97 -30.23
ALCOA_PA_115KV_PL-6C 55860	29.10 -0.23 0.00	27.91 -0.17 0.00	27.43 -0.03 0.00	27.51 0.00 0.00	27.56 0.06 0.00	36.03 -0.18 0.00	52.87 -0.32 0.00	56.68 -0.28 0.00	45.18 -0.27 0.00	39.44 -0.08 0.00	35.93 0.00 0.00	33.66 -0.14 0.00	30.76 -0.15 0.00	30.66 -0.12 0.00	27.93 -0.03 0.00	28.58 -0.14 0.00	27.81 0.06 0.00	31.00 -0.12 0.00	23.84 0.00 0.00	25.32 -0.08 0.00	28.22 -0.34 0.00	26.40 -0.08 0.00	25.34 -0.10 0.00	26.00 -0.16 0.00
ALCOA_RYNLDS___DRP 24188	29.10 -0.23 0.00	27.91 -0.17 0.00	27.43 -0.03 0.00	27.51 0.00 0.00	27.56 0.06 0.00	36.03 -0.18 0.00	52.87 -0.32 0.00	56.68 -0.28 0.00	45.18 -0.27 0.00	39.44 -0.08 0.00	35.93 0.00 0.00	33.66 -0.14 0.00	30.76 -0.15 0.00	30.66 -0.12 0.00	27.93 -0.03 0.00	28.58 -0.14 0.00	27.81 0.06 0.00	31.00 -0.12 0.00	23.84 0.00 0.00	25.32 -0.08 0.00	28.22 -0.34 0.00	26.40 -0.08 0.00	25.34 -0.10 0.00	26.00 -0.16 0.00
ALCOA___DSASP 323711	29.10 -0.24 0.00	27.91 -0.17 0.00	27.43 -0.03 0.00	27.51 0.00 0.00	27.56 0.06 0.00	36.03 -0.18 0.00	52.87 -0.32 0.00	56.68 -0.28 0.00	45.13 -0.32 0.00	39.40 -0.12 0.00	35.93 0.00 0.00	33.66 -0.13 0.00	30.76 -0.15 0.00	30.66 -0.12 0.00	27.88 -0.08 0.00	28.58 -0.14 0.00	27.81 0.06 0.00	31.01 -0.12 0.00	23.84 0.00 0.00	25.32 -0.08 0.00	28.25 -0.31 0.00	26.37 -0.11 0.00	25.34 -0.10 0.00	26.00 -0.16 0.00
ALLEGHENY___COGEN 23514	33.65 0.44 -3.87	31.45 0.25 -3.13	29.99 0.11 -2.42	29.91 0.03 -2.37	29.81 -0.08 -2.38	37.92 0.44 -1.26	56.11 0.80 -2.12	61.25 0.86 -3.44	50.19 0.55 -4.19	43.96 0.16 -4.28	39.94 -0.11 -4.12	38.05 -0.13 -4.38	35.80 -0.15 -5.04	36.16 -0.03 -5.41	35.08 -0.03 -7.15	35.98 0.06 -7.20	37.89 0.08 -10.05	48.49 0.62 -16.74	41.59 0.50 -17.24	36.82 0.51 -10.91	36.13 0.63 -6.95	34.14 0.32 -7.35	32.77 0.25 -7.07	32.47 0.23 -6.08
ALTAMONT_115KV_TB 2 55880	49.57 1.32 -18.91	44.61 1.26 -15.28	40.50 1.24 -11.80	40.31 1.21 -11.59	40.35 1.21 -11.63	44.57 1.63 -6.73	65.89 2.34 -10.36	76.64 2.39 -17.29	68.44 1.91 -21.08	62.69 1.62 -21.55	58.09 1.44 -20.73	56.85 1.39 -21.67	56.82 1.27 -24.64	58.48 1.26 -26.44	64.03 1.15 -34.92	65.38 1.18 -35.47	79.63 1.08 -50.79	116.82 1.25 -84.45	112.14 0.95 -87.35	81.71 1.02 -55.29	64.86 1.11 -35.19	64.69 1.01 -37.21	61.22 0.94 -34.83	57.20 0.97 -30.07
ALTONA_WT_PWR 323606	28.25 -1.08 0.00	27.26 -0.82 0.00	26.86 -0.60 0.00	27.04 -0.47 0.00	27.34 -0.16 0.00	36.18 -0.04 0.00	53.78 0.59 0.00	57.41 0.45 0.00	45.77 0.32 0.00	39.83 0.31 0.00	36.32 0.40 0.00	33.87 0.07 0.00	30.76 -0.15 0.00	30.66 -0.12 0.00	27.85 -0.11 0.00	28.61 -0.11 0.00	27.78 0.03 0.00	31.04 -0.09 0.00	23.58 -0.26 0.00	24.89 -0.51 0.00	27.73 -0.83 0.00	26.11 -0.37 0.00	24.91 -0.54 0.00	25.48 -0.68 0.00
AMERICAN_REF_FUEL 24010	31.23 -1.64 -3.53	29.16 -1.77 -2.86	27.77 -1.89 -2.21	27.61 -2.06 -2.17	27.56 -2.12 -2.17	34.94 -2.43 -1.15	50.77 -4.36 -1.94	54.21 -5.58 -2.83	44.85 -4.05 -3.44	39.60 -3.44 -3.52	36.33 -2.98 -3.39	35.04 -2.60 -3.85	33.20 -2.32 -4.60	33.38 -2.34 -4.94	32.39 -2.10 -6.53	33.12 -2.18 -6.58	33.60 -2.39 -8.23	42.58 -2.37 -13.82	36.21 -1.93 -14.29	32.34 -2.11 -9.05	32.09 -2.23 -5.76	30.35 -2.22 -6.09	29.97 -1.96 -6.49	29.96 -1.78 -5.58
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.26 -0.85 -3.78	30.03 -1.10 -3.05	28.56 -1.26 -2.36	28.29 -1.54 -2.32	28.15 -1.68 -2.32	35.53 -1.92 -1.23	51.91 -3.35 -2.07	56.02 -4.04 -3.11	46.33 -2.91 -3.79	40.94 -2.45 -3.87	37.53 -2.12 -3.72	36.06 -1.89 -4.15	34.16 -1.67 -4.92	34.37 -1.69 -5.28	33.40 -1.54 -6.98	34.09 -1.67 -7.03	34.97 -1.80 -9.02	44.54 -1.71 -15.12	37.93 -1.53 -15.61	33.61 -1.68 -9.88	33.14 -1.71 -6.29	31.36 -1.77 -6.65	30.78 -1.58 -6.91	30.67 -1.44 -5.95
ARTHUR_KILL_GT_1 23520	46.72 2.26 -15.12	42.37 2.08 -12.21	38.90 2.00 -9.44	38.70 1.93 -9.26	38.70 1.90 -9.30	43.49 2.35 -4.92	64.55 3.08 -8.27	74.53 3.76 -13.81	65.20 2.91 -16.84	59.18 2.45 -17.21	54.53 2.05 -16.55	53.20 2.10 -17.31	52.48 1.89 -19.68	53.72 1.82 -21.12	57.42 1.56 -27.89	58.77 1.55 -28.50	70.33 1.75 -40.82	101.06 2.05 -67.88	95.61 1.57 -70.19	71.38 1.55 -44.43	58.29 1.46 -28.27	57.62 1.24 -29.90	54.66 1.22 -27.99	51.66 1.41 -24.09
ARTHUR_KILL_2 23512	46.63 2.17 -15.12	42.28 1.99 -12.21	38.85 1.95 -9.44	38.62 1.84 -9.26	38.65 1.84 -9.30	43.38 2.25 -4.92	64.38 2.92 -8.27	74.36 3.59 -13.81	65.06 2.77 -16.84	59.10 2.37 -17.21	54.46 1.97 -16.55	53.10 1.99 -17.31	52.38 1.79 -19.68	53.63 1.72 -21.12	57.34 1.48 -27.89	58.69 1.46 -28.50	70.24 1.67 -40.82	100.97 1.96 -67.88	95.52 1.48 -70.19	71.30 1.47 -44.43	58.20 1.37 -28.27	57.54 1.16 -29.90	54.58 1.15 -27.99	51.58 1.33 -24.09
ARTHUR_KILL_3 23513	46.39 1.94 -15.12	42.09 1.80 -12.21	38.63 1.73 -9.43	38.48 1.71 -9.26	38.48 1.68 -9.30	43.38 2.25 -4.92	64.88 3.41 -8.28	74.82 4.04 -13.81	65.43 3.13 -16.84	59.30 2.57 -17.22	54.72 2.23 -16.56	53.38 2.26 -17.31	52.64 2.04 -19.69	53.88 1.97 -21.13	57.54 1.68 -27.90	58.89 1.67 -28.50	70.36 1.78 -40.83	101.10 2.09 -67.88	95.59 1.55 -70.20	71.41 1.58 -44.44	58.41 1.57 -28.28	57.78 1.40 -29.90	54.79 1.35 -27.99	51.68 1.44 -24.08
ARTHUR_KILL_COGEN 323718	46.72 2.26 -15.12	42.37 2.08 -12.21	38.90 2.00 -9.44	38.70 1.93 -9.26	38.70 1.90 -9.30	43.49 2.35 -4.92	64.55 3.08 -8.27	74.53 3.76 -13.81	65.20 2.91 -16.84	59.18 2.45 -17.21	54.53 2.05 -16.55	53.20 2.10 -17.31	52.48 1.89 -19.68	53.72 1.82 -21.12	57.42 1.56 -27.89	58.77 1.55 -28.50	70.33 1.75 -40.82	101.06 2.05 -67.88	95.61 1.57 -70.19	71.38 1.55 -44.43	58.29 1.46 -28.27	57.62 1.24 -29.90	54.66 1.22 -27.99	51.66 1.41 -24.09
ASHOKAN____ 23654	47.32 0.97 -17.01	42.77 0.96 -13.74	38.96 0.88 -10.62	38.84 0.91 -10.42	38.96 0.99 -10.46	43.13 1.05 -5.86	66.27 3.78 -9.30	76.13 3.65 -15.52	67.06 2.68 -18.92	60.88 2.01 -19.34	56.15 1.62 -18.61	54.57 1.32 -19.45	54.20 1.17 -22.12	55.72 1.20 -23.73	60.48 1.17 -31.35	61.18 0.40 -32.06	74.26 0.50 -46.00	108.36 0.75 -76.49	103.56 0.62 -79.10	76.00 0.53 -50.07	60.91 0.49 -31.86	60.65 0.48 -33.70	57.32 0.33 -31.54	53.66 0.37 -27.14

ASTORIA_EAST_ENERGY_CC1 323581	46.75	42.42	39.07	38.87	38.87	43.46	64.60	74.64	65.38	59.34	54.75	53.41	52.66	53.90	57.56	58.86	70.35	101.06	95.59	71.38	58.35	57.67	54.74	51.79
	2.29	2.13	2.17	2.09	2.06	2.32	3.14	3.88	3.09	2.61	2.26	2.30	2.07	2.00	1.71	1.64	1.78	2.05	1.55	1.55	1.51	1.30	1.30	1.54
	-15.12	-12.21	-9.44	-9.26	-9.30	-4.92	-8.27	-13.81	-16.84	-17.21	-16.55	-17.31	-19.68	-21.12	-27.89	-28.50	-40.82	-67.88	-70.19	-44.43	-28.27	-29.90	-28.00	-24.09
ASTORIA_EAST_ENERGY_CC2 323582	46.75	42.42	39.07	38.87	38.87	43.46	64.60	74.64	65.38	59.34	54.78	53.41	52.66	53.90	57.56	58.86	70.35	101.06	95.59	71.38	58.37	57.67	54.74	51.79
	2.29	2.13	2.17	2.09	2.06	2.32	3.14	3.88	3.09	2.61	2.30	2.30	2.07	2.00	1.71	1.64	1.78	2.05	1.55	1.55	1.54	1.30	1.30	1.54
	-15.12	-12.21	-9.44	-9.26	-9.30	-4.92	-8.27	-13.81	-16.84	-17.21	-16.55	-17.31	-19.68	-21.12	-27.89	-28.50	-40.82	-67.88	-70.19	-44.43	-28.27	-29.90	-28.00	-24.09
ASTORIA_GT2_1 24094	46.72	42.45	39.07	38.90	38.90	43.53	64.66	74.65	65.44	59.31	54.87	53.45	52.71	53.89	57.58	58.80	70.21	100.70	95.26	71.23	58.26	57.60	54.67	51.85
	2.26	2.16	2.17	2.12	2.09	2.39	3.19	3.87	3.14	2.57	2.37	2.33	2.10	1.97	1.71	1.67	1.78	1.93	1.45	1.55	1.51	1.32	1.32	1.60
	-15.12	-12.21	-9.44	-9.26	-9.30	-4.92	-8.28	-13.82	-16.85	-17.22	-16.57	-17.32	-19.70	-21.14	-27.91	-28.41	-40.68	-67.64	-69.96	-44.29	-28.18	-29.80	-27.90	-24.09
ASTORIA_GT2_2 24095	46.72	42.45	39.07	38.90	38.90	43.53	64.66	74.65	65.44	59.31	54.87	53.45	52.71	53.89	57.58	58.80	70.21	100.70	95.26	71.23	58.26	57.60	54.67	51.85
	2.26	2.16	2.17	2.12	2.09	2.39	3.19	3.87	3.14	2.57	2.37	2.33	2.10	1.97	1.71	1.67	1.78	1.93	1.45	1.55	1.51	1.32	1.32	1.60
	-15.12	-12.21	-9.44	-9.26	-9.30	-4.92	-8.28	-13.82	-16.85	-17.22	-16.57	-17.32	-19.70	-21.14	-27.91	-28.41	-40.68	-67.64	-69.96	-44.29	-28.18	-29.80	-27.90	-24.09
ASTORIA_GT2_3 24096	46.72	42.45	39.07	38.90	38.90	43.53	64.66	74.65	65.44	59.31	54.87	53.45	52.71	53.89	57.58	58.80	70.21	100.70	95.26	71.23	58.26	57.60	54.67	51.85
	2.26	2.16	2.17	2.12	2.09	2.39	3.19	3.87	3.14	2.57	2.37	2.33	2.10	1.97	1.71	1.67	1.78	1.93	1.45	1.55	1.51	1.32	1.32	1.60
	-15.12	-12.21	-9.44	-9.26	-9.30	-4.92	-8.28	-13.82	-16.85	-17.22	-16.57	-17.32	-19.70	-21.14	-27.91	-28.41	-40.68	-67.64	-69.96	-44.29	-28.18	-29.80	-27.90	-24.09
ASTORIA_GT2_4 24097	46.72	42.45	39.07	38.90	38.90	43.53	64.66	74.65	65.44	59.31	54.87	53.45	52.71	53.89	57.58	58.80	70.21	100.70	95.26	71.23	58.26	57.60	54.67	51.85
	2.26	2.16	2.17	2.12	2.09	2.39	3.19	3.87	3.14	2.57	2.37	2.33	2.10	1.97	1.71	1.67	1.78	1.93	1.45	1.55	1.51	1.32	1.32	1.60
	-15.12	-12.21	-9.44	-9.26	-9.30	-4.92	-8.28	-13.82	-16.85	-17.22	-16.57	-17.32	-19.70	-21.14	-27.91	-28.41	-40.68	-67.64	-69.96	-44.29	-28.18	-29.80	-27.90	-24.09
ASTORIA_GT3_1 24098	46.72	42.45	39.07	38.90	38.90	43.53	64.66	74.65	65.44	59.31	54.87	53.45	52.71	53.89	57.58	58.80	70.21	100.70	95.26	71.23	58.26	57.60	54.67	51.85
	2.26	2.16	2.17	2.12	2.09	2.39	3.19	3.87	3.14	2.57	2.37	2.33	2.10	1.97	1.71	1.67	1.78	1.93	1.45	1.55	1.51	1.32	1.32	1.60
	-15.12	-12.21	-9.44	-9.26	-9.30	-4.92	-8.28	-13.82	-16.85	-17.22	-16.57	-17.32	-19.70	-21.14	-27.91	-28.41	-40.68	-67.64	-69.96	-44.29	-28.18	-29.80	-27.90	-24.09
ASTORIA_GT3_2 24099	46.72	42.45	39.07	38.90	38.90	43.53	64.66	74.65	65.44	59.31	54.87	53.45	52.71	53.89	57.58	58.80	70.21	100.70	95.26	71.23	58.26	57.60	54.67	51.85
	2.26	2.16	2.17	2.12	2.09	2.39	3.19	3.87	3.14	2.57	2.37	2.33	2.10	1.97	1.71	1.67	1.78	1.93	1.45	1.55	1.51	1.32	1.32	1.60
	-15.12	-12.21	-9.44	-9.26	-9.30	-4.92	-8.28	-13.82	-16.85	-17.22	-16.57	-17.32	-19.70	-21.14	-27.91	-28.41	-40.68	-67.64	-69.96	-44.29	-28.18	-29.80	-27.90	-24.09
ASTORIA_GT3_3 24100	46.72	42.45	39.07	38.90	38.90	43.53	64.66	74.65	65.44	59.31	54.87	53.45	52.71	53.89	57.58	58.80	70.21	100.70	95.26	71.23	58.26	57.60	54.67	51.85
	2.26	2.16	2.17	2.12	2.09	2.39	3.19	3.87	3.14	2.57	2.37	2.33	2.10	1.97	1.71	1.67	1.78	1.93	1.45	1.55	1.51	1.32	1.32	1.60
	-15.12	-12.21	-9.44	-9.26	-9.30	-4.92	-8.28	-13.82	-16.85	-17.22	-16.57	-17.32	-19.70	-21.14	-27.91	-28.41	-40.68	-67.64	-69.96	-44.29	-28.18	-29.80	-27.90	-24.09
ASTORIA_GT3_4 24101	46.72	42.45	39.07	38.90	38.90	43.53	64.66	74.65	65.44	59.31	54.87	53.45	52.71	53.89	57.58	58.80	70.21	100.70	95.26	71.23	58.26	57.60	54.67	51.85
	2.26	2.16	2.17	2.12	2.09	2.39	3.19	3.87	3.14	2.57	2.37	2.33	2.10	1.97	1.71	1.67	1.78	1.93	1.45	1.55	1.51	1.32	1.32	1.60
	-15.12	-12.21	-9.44	-9.26	-9.30	-4.92	-8.28	-13.82	-16.85	-17.22	-16.57	-17.32	-19.70	-21.14	-27.91	-28.41	-40.68	-67.64	-69.96	-44.29	-28.18	-29.80	-27.90	-24.09
ASTORIA_GT4_1 24102	46.72	42.45	39.07	38.90	38.90	43.53	64.66	74.65	65.44	59.31	54.87	53.45	52.71	53.89	57.58	58.80	70.21	100.70	95.26	71.23	58.26	57.60	54.67	51.85
	2.26	2.16	2.17	2.12	2.09	2.39	3.19	3.87	3.14	2.57	2.37	2.33	2.10	1.97	1.71	1.67	1.78	1.93	1.45	1.55	1.51	1.32	1.32	1.60
	-15.12	-12.21	-9.44	-9.26	-9.30	-4.92	-8.28	-13.82	-16.85	-17.22	-16.57	-17.32	-19.70	-21.14	-27.91	-28.41	-40.68	-67.64	-69.96	-44.29	-28.18	-29.80	-27.90	-24.09
ASTORIA_GT4_2 24103	46.72	42.45	39.07	38.90	38.90	43.53	64.66	74.65	65.44	59.31	54.87	53.45	52.71	53.89	57.58	58.80	70.21	100.70	95.26	71.23	58.26	57.60	54.67	51.85
	2.26	2.16	2.17	2.12	2.09	2.39	3.19	3.87	3.14	2.57	2.37	2.33	2.10	1.97	1.71	1.67	1.78	1.93	1.45	1.55	1.51	1.32	1.32	1.60
	-15.12	-12.21	-9.44	-9.26	-9.30	-4.92	-8.28	-13.82	-16.85	-17.22	-16.57	-17.32	-19.70	-21.14	-27.91	-28.41	-40.68	-67.64	-69.96	-44.29	-28.18	-29.80	-27.90	-24.09
ASTORIA_GT4_3 24104	46.72	42.45	39.07	38.90	38.90	43.53	64.66	74.65	65.44	59.31	54.87	53.45	52.71	53.89	57.58	58.80	70.21	100.70	95.26	71.23	58.26	57.60	54.67	51.85
	2.26	2.16	2.17	2.12	2.09	2.39	3.19	3.87	3.14	2.57	2.37	2.33	2.10	1.97	1.71	1.67	1.78	1.93	1.45	1.55	1.51	1.32	1.32	1.60
	-15.12	-12.21	-9.44	-9.26	-9.30	-4.92	-8.28	-13.82	-16.85	-17.22	-16.57	-17.32	-19.70	-21.14	-27.91	-28.41	-40.68	-67.64	-69.96	-44.29	-28.18	-29.80	-27.90	-24.09
ASTORIA_GT4_4 24105	46.72	42.45	39.07	38.90	38.90	43.53	64.66	74.65	65.44	59.31	54.87	53.45	52.71	53.89	57.58	58.80	70.21	100.70	95.26	71.23	58.26	57.60	54.67	51.85
	2.26	2.16	2.17	2.12	2.09	2.39	3.19	3.87	3.14	2.57	2.37	2.33	2.10	1.97	1.71	1.67	1.78	1.93	1.45	1.55	1.51	1.32	1.32	1.60
	-15.12	-12.21	-9.44	-9.26	-9.30	-4.92	-8.28	-13.82	-16.85	-17.22	-16.57	-17.32	-19.70	-21.14	-27.91	-28.41	-40.68	-67.64	-69.96	-44.29	-28.18	-29.80	-27.90	-24.09
ASTORIA_GT_1 23523	46.80	42.48	39.13	38.92	38.92	43.57	64.76	74.75	65.51	59.45	54.85	53.47	52.72	53.97	57.65	58.94	70.44	101.16	95.66	71.46	58.43	57.73	54.79	51.84
	2.35	2.19	2.22	2.15	2.12	2.43	3.30	3.99	3.23	2.72	2.37	2.37	2.13	2.06	1.79	1.72	1.86	2.15	1.62	1.63	1.60	1.35	1.35	1.60
	-15.12	-12.21	-9.44	-9.26	-9.30	-4.92	-8.27	-13.81	-16.84	-17.21	-16.55	-17.31	-19.68	-21.12	-27.89	-28.50	-40.82	-67.88	-70.19	-44.43	-28.27	-29.90	-28.00	-24.09

ASTORIA_GT_10 24110	46.72 2.26 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.79 2.01 -9.26	38.79 1.98 -9.30	43.64 2.50 -4.92	65.14 3.67 -8.28	75.11 4.33 -13.82	65.71 3.41 -16.85	59.51 2.77 -17.22	54.98 2.48 -16.57	53.59 2.47 -17.32	52.83 2.23 -19.70	54.01 2.09 -21.14	57.67 1.79 -27.91	58.95 1.81 -28.41	70.32 1.89 -40.68	100.92 2.15 -67.64	95.40 1.60 -69.96	71.34 1.65 -44.29	58.40 1.66 -28.18	57.79 1.51 -29.80	54.82 1.48 -27.90	51.90 1.65 -24.09
ASTORIA_GT_11 24225	46.72 2.26 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.79 2.01 -9.26	38.79 1.98 -9.30	43.64 2.50 -4.92	65.14 3.67 -8.28	75.11 4.33 -13.82	65.71 3.41 -16.85	59.51 2.77 -17.22	54.98 2.48 -16.57	53.59 2.47 -17.32	52.83 2.23 -19.70	54.01 2.09 -21.14	57.67 1.79 -27.91	58.95 1.81 -28.41	70.32 1.89 -40.68	100.92 2.15 -67.64	95.40 1.60 -69.96	71.34 1.65 -44.29	58.40 1.66 -28.18	57.79 1.51 -29.80	54.82 1.48 -27.90	51.90 1.65 -24.09
ASTORIA_GT_12 24226	46.72 2.26 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.79 2.01 -9.26	38.79 1.98 -9.30	43.64 2.50 -4.92	65.14 3.67 -8.28	75.11 4.33 -13.82	65.71 3.41 -16.85	59.51 2.77 -17.22	54.98 2.48 -16.57	53.59 2.47 -17.32	52.83 2.23 -19.70	54.01 2.09 -21.14	57.67 1.79 -27.91	58.95 1.81 -28.41	70.32 1.89 -40.68	100.92 2.15 -67.64	95.40 1.60 -69.96	71.34 1.65 -44.29	58.40 1.66 -28.18	57.79 1.51 -29.80	54.82 1.48 -27.90	51.90 1.65 -24.09
ASTORIA_GT_13 24227	46.72 2.26 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.79 2.01 -9.26	38.79 1.98 -9.30	43.64 2.50 -4.92	65.14 3.67 -8.28	75.11 4.33 -13.82	65.71 3.41 -16.85	59.51 2.77 -17.22	54.98 2.48 -16.57	53.59 2.47 -17.32	52.83 2.23 -19.70	54.01 2.09 -21.14	57.67 1.79 -27.91	58.95 1.81 -28.41	70.32 1.89 -40.68	100.92 2.15 -67.64	95.40 1.60 -69.96	71.34 1.65 -44.29	58.40 1.66 -28.18	57.79 1.51 -29.80	54.82 1.48 -27.90	51.90 1.65 -24.09
ASTORIA_GT_5 24106	46.80 2.35 -15.12	42.48 2.19 -12.21	39.13 2.22 -9.44	38.92 2.15 -9.26	38.92 2.12 -9.30	43.57 2.43 -4.92	64.76 3.30 -8.27	74.75 3.99 -13.81	65.51 3.23 -16.84	59.45 2.72 -17.21	54.85 2.37 -16.55	53.47 2.37 -17.31	52.72 2.13 -19.68	53.97 2.06 -21.12	57.65 1.79 -27.89	58.94 1.72 -28.50	70.44 1.86 -40.82	101.16 2.15 -67.88	95.66 1.62 -70.19	71.46 1.63 -44.43	58.43 1.60 -28.27	57.73 1.35 -29.90	54.79 1.35 -28.00	51.84 1.60 -24.09
ASTORIA_GT_7 24107	46.80 2.35 -15.12	42.48 2.19 -12.21	39.13 2.22 -9.44	38.92 2.15 -9.26	38.92 2.12 -9.30	43.57 2.43 -4.92	64.76 3.30 -8.27	74.75 3.99 -13.81	65.51 3.23 -16.84	59.45 2.72 -17.21	54.85 2.37 -16.55	53.47 2.37 -17.31	52.72 2.13 -19.68	53.97 2.06 -21.12	57.65 1.79 -27.89	58.94 1.72 -28.50	70.44 1.86 -40.82	101.16 2.15 -67.88	95.66 1.62 -70.19	71.46 1.63 -44.43	58.43 1.60 -28.27	57.73 1.35 -29.90	54.79 1.35 -28.00	51.84 1.60 -24.09
ASTORIA_GT_8 24108	46.77 2.32 -15.12	42.48 2.19 -12.21	39.12 2.22 -9.44	38.92 2.15 -9.26	38.92 2.12 -9.30	43.60 2.46 -4.92	64.77 3.30 -8.28	74.77 3.99 -13.82	65.53 3.23 -16.85	59.43 2.69 -17.22	54.94 2.44 -16.57	53.52 2.40 -17.32	52.77 2.16 -19.70	53.95 2.03 -21.14	57.64 1.76 -27.91	58.86 1.72 -28.41	70.27 1.83 -40.68	100.79 2.02 -67.64	95.30 1.50 -69.96	71.29 1.60 -44.29	58.31 1.57 -28.18	57.66 1.38 -29.80	54.72 1.37 -27.90	51.90 1.65 -24.09
ASTORIA___2 24149	46.75 2.29 -15.12	42.42 2.13 -12.21	39.10 2.20 -9.44	38.90 2.12 -9.26	38.90 2.09 -9.30	43.49 2.35 -4.92	64.65 3.19 -8.27	74.64 3.88 -13.81	65.42 3.13 -16.84	59.38 2.65 -17.21	54.78 2.30 -16.55	53.41 2.30 -17.31	52.66 2.07 -19.68	53.90 2.00 -21.12	57.59 1.73 -27.89	58.89 1.67 -28.50	70.38 1.80 -40.82	101.10 2.09 -67.88	95.61 1.57 -70.19	71.38 1.55 -44.43	58.37 1.54 -28.27	57.67 1.30 -29.90	54.76 1.32 -28.00	51.81 1.57 -24.09
ASTORIA___3 23516	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.78 2.01 -9.26	38.79 1.98 -9.30	43.67 2.53 -4.92	65.14 3.67 -8.28	75.10 4.33 -13.81	65.66 3.36 -16.85	59.58 2.85 -17.22	54.93 2.44 -16.56	53.55 2.43 -17.32	52.80 2.20 -19.69	54.03 2.12 -21.13	57.68 1.82 -27.90	59.04 1.81 -28.50	70.50 1.91 -40.83	101.23 2.21 -67.89	95.71 1.67 -70.20	71.51 1.68 -44.44	58.53 1.68 -28.28	57.87 1.48 -29.91	54.89 1.45 -28.00	51.87 1.62 -24.09
ASTORIA___4 23517	46.72 2.26 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.79 2.01 -9.26	38.79 1.98 -9.30	43.64 2.50 -4.92	65.14 3.67 -8.28	75.11 4.33 -13.82	65.71 3.41 -16.85	59.51 2.77 -17.22	54.98 2.48 -16.57	53.59 2.47 -17.32	52.83 2.23 -19.70	54.01 2.09 -21.14	57.67 1.79 -27.91	58.95 1.81 -28.41	70.32 1.89 -40.68	100.92 2.15 -67.64	95.40 1.60 -69.96	71.34 1.65 -44.29	58.40 1.66 -28.18	57.79 1.51 -29.80	54.82 1.48 -27.90	51.90 1.65 -24.09
ASTORIA___5 23518	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.78 2.01 -9.26	38.79 1.98 -9.30	43.67 2.53 -4.92	65.14 3.67 -8.28	75.10 4.33 -13.81	65.66 3.36 -16.85	59.54 2.81 -17.22	54.93 2.44 -16.56	53.55 2.43 -17.32	52.80 2.20 -19.69	54.03 2.12 -21.13	57.68 1.82 -27.90	59.04 1.81 -28.50	70.50 1.91 -40.83	101.23 2.21 -67.89	95.71 1.67 -70.20	71.51 1.68 -44.44	58.53 1.68 -28.28	57.87 1.48 -29.91	54.89 1.45 -28.00	51.87 1.62 -24.09
AST_ENERGY_2_CC3 323677	46.54 2.08 -15.12	42.20 1.91 -12.21	38.76 1.87 -9.43	38.62 1.84 -9.26	38.62 1.82 -9.30	43.56 2.43 -4.92	65.09 3.62 -8.28	75.05 4.27 -13.81	65.61 3.32 -16.84	59.50 2.77 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.31	52.73 2.13 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.47 1.89 -40.83	101.22 2.21 -67.88	95.68 1.64 -70.20	71.51 1.68 -44.44	58.52 1.68 -28.28	57.89 1.51 -29.90	54.89 1.45 -27.99	51.81 1.57 -24.08
AST_ENERGY_2_CC4 323678	46.54 2.08 -15.12	42.20 1.91 -12.21	38.76 1.87 -9.43	38.62 1.84 -9.26	38.62 1.82 -9.30	43.56 2.43 -4.92	65.09 3.62 -8.28	75.05 4.27 -13.81	65.61 3.32 -16.84	59.50 2.77 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.31	52.73 2.13 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.47 1.89 -40.83	101.22 2.21 -67.88	95.68 1.64 -70.20	71.51 1.68 -44.44	58.52 1.68 -28.28	57.89 1.51 -29.90	54.89 1.45 -27.99	51.81 1.57 -24.08
ATHENS_STG_1 23668	47.40 1.32 -16.74	42.83 1.23 -13.52	39.09 1.18 -10.45	38.93 1.16 -10.26	38.96 1.16 -10.30	43.15 1.56 -5.38	64.59 2.23 -9.17	74.65 2.39 -15.30	66.01 1.91 -18.66	60.32 1.74 -19.07	55.85 1.58 -18.34	54.50 1.52 -19.18	54.11 1.39 -21.80	55.57 1.39 -23.40	60.09 1.23 -30.90	61.49 1.26 -31.50	74.05 1.17 -45.13	107.50 1.34 -75.03	102.46 1.02 -77.59	75.61 1.09 -49.12	60.99 1.17 -31.26	60.64 1.11 -33.05	57.43 1.04 -30.94	53.88 1.10 -26.62
ATHENS_STG_2 23670	47.40 1.32 -16.74	42.83 1.23 -13.52	39.09 1.18 -10.45	38.93 1.16 -10.26	38.96 1.16 -10.30	43.15 1.56 -5.38	64.59 2.23 -9.17	74.65 2.39 -15.30	66.01 1.91 -18.66	60.32 1.74 -19.07	55.85 1.58 -18.34	54.50 1.52 -19.18	54.11 1.39 -21.80	55.57 1.39 -23.40	60.09 1.23 -30.90	61.49 1.26 -31.50	74.05 1.17 -45.13	107.50 1.34 -75.03	102.46 1.02 -77.59	75.61 1.09 -49.12	60.99 1.17 -31.26	60.64 1.11 -33.05	57.43 1.04 -30.94	53.88 1.10 -26.62

ATHENS_STG_3 23677	47.40 1.32 -16.74	42.83 1.23 -13.52	39.09 1.18 -10.45	38.93 1.16 -10.26	38.96 1.16 -10.30	43.15 1.56 -5.38	64.59 2.23 -9.17	74.65 2.39 -15.30	66.01 1.91 -18.66	60.32 1.74 -19.07	55.85 1.58 -18.34	54.50 1.52 -19.18	54.11 1.39 -21.80	55.57 1.39 -23.40	60.09 1.23 -30.90	61.49 1.26 -31.50	74.05 1.17 -45.13	107.50 1.34 -75.03	102.46 1.02 -77.59	75.61 1.09 -49.12	60.99 1.17 -31.26	60.64 1.11 -33.05	57.43 1.04 -30.94	53.88 1.10 -26.62
AUBURN___LFG 323710	32.78 0.18 -3.26	30.79 0.08 -2.64	29.52 0.03 -2.04	29.51 0.00 -2.00	29.46 -0.06 -2.01	37.39 0.11 -1.06	55.14 0.16 -1.79	60.28 0.34 -2.98	49.31 0.23 -3.64	43.51 0.28 -3.72	39.75 0.25 -3.58	37.84 0.30 -3.74	35.44 0.28 -4.25	35.62 0.28 -4.56	34.21 0.22 -6.02	35.15 0.29 -6.13	36.76 0.22 -8.78	46.04 0.31 -14.60	39.16 0.21 -15.10	35.24 0.28 -9.56	35.04 0.40 -6.08	33.12 0.21 -6.43	31.65 0.18 -6.02	31.45 0.16 -5.14
BABYLON_RES_REC 323704	54.55 3.31 -21.90	51.55 3.12 -20.35	42.98 2.94 -12.58	47.09 2.89 -16.69	47.14 2.86 -16.77	54.52 3.95 -14.36	83.89 6.06 -24.64	93.17 5.98 -30.23	71.89 4.68 -21.75	60.37 3.63 -17.22	55.77 3.27 -16.57	54.23 3.11 -17.33	53.32 2.72 -19.69	54.50 2.59 -21.13	58.34 2.46 -27.92	72.95 2.44 -41.79	103.58 2.53 -73.30	114.81 2.93 -80.75	113.24 2.31 -87.09	107.75 2.44 -79.91	89.04 2.60 -57.88	87.98 2.60 -58.91	61.06 2.44 -33.17	52.91 2.64 -24.10
BABYLON__69_KV_BK2 356345	54.95 3.67 -21.95	51.95 3.45 -20.42	43.42 3.35 -12.61	47.59 3.33 -16.75	47.61 3.27 -16.82	55.02 4.38 -14.43	84.61 6.65 -24.77	94.49 7.18 -30.35	72.84 5.59 -21.80	61.10 4.35 -17.23	56.52 4.02 -16.57	54.98 3.85 -17.33	54.04 3.43 -19.70	55.28 3.36 -21.14	58.90 3.02 -27.92	73.52 3.10 -41.70	104.12 3.22 -73.15	115.31 3.67 -80.50	113.45 2.77 -86.85	108.13 2.97 -79.76	89.54 3.20 -57.78	88.22 2.94 -58.81	61.47 2.90 -33.13	53.27 3.01 -24.10
BALL_HILL_WT_PWR 323825	32.17 -0.91 -3.74	30.00 -1.10 -3.02	28.56 -1.24 -2.33	28.37 -1.43 -2.29	28.32 -1.49 -2.30	35.81 -1.63 -1.22	52.26 -2.98 -2.05	56.20 -3.82 -3.05	46.45 -2.73 -3.72	40.99 -2.33 -3.80	37.54 -2.05 -3.66	36.11 -1.79 -4.10	34.21 -1.58 -4.87	34.41 -1.60 -5.22	33.44 -1.43 -6.90	34.13 -1.55 -6.96	34.93 -1.69 -8.87	44.42 -1.59 -14.87	37.82 -1.38 -15.36	33.62 -1.50 -9.72	33.24 -1.51 -6.19	31.44 -1.59 -6.55	30.86 -1.42 -6.84	30.76 -1.28 -5.88
BARON_WINDS___WT_PWR 323822	33.52 -0.38 -4.56	31.25 -0.50 -3.68	29.70 -0.60 -2.85	29.62 -0.69 -2.79	29.57 -0.74 -2.80	36.98 -0.72 -1.49	54.14 -1.54 -2.50	59.01 -1.94 -3.98	48.85 -1.46 -4.86	43.14 -1.34 -4.96	39.52 -1.18 -4.77	37.92 -1.01 -5.13	35.93 -0.93 -5.94	36.26 -0.89 -6.37	35.60 -0.78 -8.42	36.35 -0.86 -8.48	38.37 -0.97 -11.59	49.50 -0.97 -19.33	42.83 -0.86 -19.85	37.07 -0.89 -12.56	35.73 -0.83 -8.00	34.03 -0.90 -8.46	32.87 -0.84 -8.27	32.54 -0.73 -7.11
BARRETT_IC_1 23704	54.48 2.64 -22.50	51.79 2.64 -21.08	51.48 2.47 -21.55	51.48 2.42 -21.55	49.49 2.39 -19.59	54.56 3.15 -15.20	84.06 4.79 -26.08	93.72 5.18 -31.58	71.78 4.18 -22.15	60.18 3.44 -17.22	55.48 2.98 -16.57	54.00 2.87 -17.33	53.14 2.54 -19.69	54.41 2.49 -21.13	58.20 2.32 -27.92	72.75 2.24 -41.78	103.15 2.11 -73.28	114.33 2.46 -80.75	112.76 1.84 -87.08	107.21 1.91 -79.90	88.45 2.03 -57.87	87.25 1.88 -58.89	61.07 1.91 -33.71	52.35 2.09 -24.10
BARRETT_IC_10 23701	54.48 2.64 -22.50	51.79 2.64 -21.08	51.48 2.47 -21.55	51.48 2.42 -21.55	49.49 2.39 -19.59	54.56 3.15 -15.20	84.06 4.79 -26.08	93.72 5.18 -31.58	71.78 4.18 -22.15	60.18 3.44 -17.22	55.48 2.98 -16.57	54.00 2.87 -17.33	53.14 2.54 -19.69	54.41 2.49 -21.13	58.20 2.32 -27.92	72.75 2.24 -41.78	103.15 2.11 -73.28	114.33 2.46 -80.75	112.76 1.84 -87.08	107.21 1.91 -79.90	88.45 2.03 -57.87	87.25 1.88 -58.89	61.07 1.91 -33.71	52.35 2.09 -24.10
BARRETT_IC_11 23702	54.48 2.64 -22.50	51.79 2.64 -21.08	51.48 2.47 -21.55	51.48 2.42 -21.55	49.49 2.39 -19.59	54.56 3.15 -15.20	84.06 4.79 -26.08	93.72 5.18 -31.58	71.78 4.18 -22.15	60.18 3.44 -17.22	55.48 2.98 -16.57	54.00 2.87 -17.33	53.14 2.54 -19.69	54.41 2.49 -21.13	58.20 2.32 -27.92	72.75 2.24 -41.78	103.15 2.11 -73.28	114.33 2.46 -80.75	112.76 1.84 -87.08	107.21 1.91 -79.90	88.45 2.03 -57.87	87.25 1.88 -58.89	61.07 1.91 -33.71	52.35 2.09 -24.10
BARRETT_IC_12 23703	54.48 2.64 -22.50	51.79 2.64 -21.08	51.48 2.47 -21.55	51.48 2.42 -21.55	49.49 2.39 -19.59	54.56 3.15 -15.20	84.06 4.79 -26.08	93.72 5.18 -31.58	71.78 4.18 -22.15	60.18 3.44 -17.22	55.48 2.98 -16.57	54.00 2.87 -17.33	53.14 2.54 -19.69	54.41 2.49 -21.13	58.20 2.32 -27.92	72.75 2.24 -41.78	103.15 2.11 -73.28	114.33 2.46 -80.75	112.76 1.84 -87.08	107.21 1.91 -79.90	88.45 2.03 -57.87	87.25 1.88 -58.89	61.07 1.91 -33.71	52.35 2.09 -24.10
BARRETT_IC_2 23705	54.48 2.64 -22.50	51.79 2.64 -21.08	51.48 2.47 -21.55	51.48 2.42 -21.55	49.49 2.39 -19.59	54.56 3.15 -15.20	84.06 4.79 -26.08	93.72 5.18 -31.58	71.78 4.18 -22.15	60.18 3.44 -17.22	55.48 2.98 -16.57	54.00 2.87 -17.33	53.14 2.54 -19.69	54.41 2.49 -21.13	58.20 2.32 -27.92	72.75 2.24 -41.78	103.15 2.11 -73.28	114.33 2.46 -80.75	112.76 1.84 -87.08	107.21 1.91 -79.90	88.45 2.03 -57.87	87.25 1.88 -58.89	61.07 1.91 -33.71	52.35 2.09 -24.10
BARRETT_IC_3 23706	54.48 2.64 -22.50	51.79 2.64 -21.08	51.48 2.47 -21.55	51.48 2.42 -21.55	49.49 2.39 -19.59	54.56 3.15 -15.20	84.06 4.79 -26.08	93.72 5.18 -31.58	71.78 4.18 -22.15	60.18 3.44 -17.22	55.48 2.98 -16.57	54.00 2.87 -17.33	53.14 2.54 -19.69	54.41 2.49 -21.13	58.20 2.32 -27.92	72.75 2.24 -41.78	103.15 2.11 -73.28	114.33 2.46 -80.75	112.76 1.84 -87.08	107.21 1.91 -79.90	88.45 2.03 -57.87	87.25 1.88 -58.89	61.07 1.91 -33.71	52.35 2.09 -24.10
BARRETT_IC_4 23707	54.48 2.64 -22.50	51.79 2.64 -21.08	51.48 2.47 -21.55	51.48 2.42 -21.55	49.49 2.39 -19.59	54.56 3.15 -15.20	84.06 4.79 -26.08	93.72 5.18 -31.58	71.78 4.18 -22.15	60.18 3.44 -17.22	55.48 2.98 -16.57	54.00 2.87 -17.33	53.14 2.54 -19.69	54.41 2.49 -21.13	58.20 2.32 -27.92	72.75 2.24 -41.78	103.15 2.11 -73.28	114.33 2.46 -80.75	112.76 1.84 -87.08	107.21 1.91 -79.90	88.45 2.03 -57.87	87.25 1.88 -58.89	61.07 1.91 -33.71	52.35 2.09 -24.10
BARRETT_IC_5 23708	54.48 2.64 -22.50	51.79 2.64 -21.08	51.48 2.47 -21.55	51.48 2.42 -21.55	49.49 2.39 -19.59	54.56 3.15 -15.20	84.06 4.79 -26.08	93.72 5.18 -31.58	71.78 4.18 -22.15	60.18 3.44 -17.22	55.48 2.98 -16.57	54.00 2.87 -17.33	53.14 2.54 -19.69	54.41 2.49 -21.13	58.20 2.32 -27.92	72.75 2.24 -41.78	103.15 2.11 -73.28	114.33 2.46 -80.75	112.76 1.84 -87.08	107.21 1.91 -79.90	88.45 2.03 -57.87	87.25 1.88 -58.89	61.07 1.91 -33.71	52.35 2.09 -24.10
BARRETT_IC_6 23709	54.48 2.64 -22.50	51.79 2.64 -21.08	51.48 2.47 -21.55	51.48 2.42 -21.55	49.49 2.39 -19.59	54.56 3.15 -15.20	84.06 4.79 -26.08	93.72 5.18 -31.58	71.78 4.18 -22.15	60.18 3.44 -17.22	55.48 2.98 -16.57	54.00 2.87 -17.33	53.14 2.54 -19.69	54.41 2.49 -21.13	58.20 2.32 -27.92	72.75 2.24 -41.78	103.15 2.11 -73.28	114.33 2.46 -80.75	112.76 1.84 -87.08	107.21 1.91 -79.90	88.45 2.03 -57.87	87.25 1.88 -58.89	61.07 1.91 -33.71	52.35 2.09 -24.10

BARRETT_IC_7 23710	54.51 2.67 -22.50	51.66 2.50 -21.08	51.48 2.47 -21.55	51.48 2.42 -21.55	49.49 2.39 -19.59	54.60 3.19 -15.20	84.01 4.73 -26.08	93.73 5.18 -31.58	71.79 4.18 -22.16	60.03 3.28 -17.23	55.45 2.95 -16.57	53.96 2.84 -17.33	53.15 2.53 -19.70	54.42 2.49 -21.14	58.09 2.21 -27.92	72.60 2.18 -41.69	103.00 2.11 -73.13	114.02 2.40 -80.50	112.45 1.76 -86.84	107.03 1.88 -79.75	88.36 2.03 -57.77	87.15 1.88 -58.79	61.10 2.04 -33.62	52.32 2.07 -24.09
BARRETT_IC_8 23711	54.48 2.64 -22.50	51.79 2.64 -21.08	51.48 2.47 -21.55	51.48 2.42 -21.55	49.49 2.39 -19.59	54.56 3.15 -15.20	84.06 4.79 -26.08	93.72 5.18 -31.58	71.78 4.18 -22.15	60.18 3.44 -17.22	55.48 2.98 -16.57	54.00 2.87 -17.33	53.14 2.54 -19.69	54.41 2.49 -21.13	58.20 2.32 -27.92	72.75 2.24 -41.78	103.15 2.11 -73.28	114.33 2.46 -80.75	112.76 1.84 -87.08	107.21 1.91 -79.90	88.45 2.03 -57.87	87.25 1.88 -58.89	61.07 1.91 -33.71	52.35 2.09 -24.10
BARRETT_IC_9 23700	54.48 2.64 -22.50	51.79 2.64 -21.08	51.48 2.47 -21.55	51.48 2.42 -21.55	49.49 2.39 -19.59	54.56 3.15 -15.20	84.06 4.79 -26.08	93.72 5.18 -31.58	71.78 4.18 -22.15	60.18 3.44 -17.22	55.48 2.98 -16.57	54.00 2.87 -17.33	53.14 2.54 -19.69	54.41 2.49 -21.13	58.20 2.32 -27.92	72.75 2.24 -41.78	103.15 2.11 -73.28	114.33 2.46 -80.75	112.76 1.84 -87.08	107.21 1.91 -79.90	88.45 2.03 -57.87	87.25 1.88 -58.89	61.07 1.91 -33.71	52.35 2.09 -24.10
BARRETT___1 23545	54.48 2.64 -22.50	51.79 2.64 -21.08	51.48 2.47 -21.55	51.48 2.42 -21.55	49.49 2.39 -19.59	54.56 3.15 -15.20	84.06 4.79 -26.08	93.72 5.18 -31.58	71.78 4.18 -22.15	60.18 3.44 -17.22	55.48 2.98 -16.57	54.00 2.87 -17.33	53.14 2.54 -19.69	54.41 2.49 -21.13	58.20 2.32 -27.92	72.75 2.24 -41.78	103.15 2.11 -73.28	114.33 2.46 -80.75	112.76 1.84 -87.08	107.21 1.91 -79.90	88.45 2.03 -57.87	87.25 1.88 -58.89	61.07 1.91 -33.71	52.35 2.09 -24.10
BARRETT___2 23546	54.48 2.64 -22.50	51.79 2.64 -21.08	51.48 2.47 -21.55	51.48 2.42 -21.55	49.49 2.39 -19.59	54.56 3.15 -15.20	84.06 4.79 -26.08	93.72 5.18 -31.58	71.78 4.18 -22.15	60.18 3.44 -17.22	55.48 2.98 -16.57	54.00 2.87 -17.33	53.14 2.54 -19.69	54.41 2.49 -21.13	58.20 2.32 -27.92	72.75 2.24 -41.78	103.15 2.11 -73.28	114.33 2.46 -80.75	112.76 1.84 -87.08	107.21 1.91 -79.90	88.45 2.03 -57.87	87.25 1.88 -58.89	61.07 1.91 -33.71	52.35 2.09 -24.10
BATAVIA___115KV_TB1 55881	32.17 -0.56 -3.39	30.03 -0.79 -2.74	28.67 -0.91 -2.11	28.54 -1.05 -2.08	28.46 -1.13 -2.08	36.38 -0.94 -1.10	53.29 -1.76 -1.86	57.41 -2.39 -2.84	47.19 -1.73 -3.46	41.68 -1.38 -3.54	38.08 -1.26 -3.41	36.57 -0.98 -3.75	34.49 -0.83 -4.41	34.72 -0.80 -4.74	33.38 -0.84 -6.26	34.23 -0.86 -6.37	35.15 -1.00 -8.39	44.45 -0.72 -14.04	37.62 -0.69 -14.47	33.82 -0.74 -9.16	33.59 -0.80 -5.83	31.64 -1.01 -6.17	30.81 -0.89 -6.25	30.67 -0.81 -5.32
BAYONEEC___CTG1 323682	46.54 2.08 -15.12	42.20 1.91 -12.21	38.76 1.87 -9.43	38.59 1.82 -9.26	38.59 1.79 -9.30	43.53 2.39 -4.92	65.09 3.62 -8.28	74.99 4.21 -13.81	65.61 3.32 -16.84	59.50 2.77 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.31	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.47 1.89 -40.83	101.22 2.21 -67.88	95.68 1.64 -70.20	71.49 1.65 -44.44	58.52 1.68 -28.28	57.86 1.48 -29.90	54.89 1.45 -27.99	51.81 1.57 -24.08
BAYONEEC___CTG10 323750	46.54 2.08 -15.12	42.20 1.91 -12.21	38.76 1.87 -9.43	38.59 1.82 -9.26	38.59 1.79 -9.30	43.53 2.39 -4.92	65.09 3.62 -8.28	74.99 4.21 -13.81	65.61 3.32 -16.84	59.50 2.77 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.31	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.47 1.89 -40.83	101.22 2.21 -67.88	95.68 1.64 -70.20	71.49 1.65 -44.44	58.52 1.68 -28.28	57.86 1.48 -29.90	54.89 1.45 -27.99	51.81 1.57 -24.08
BAYONEEC___CTG2 323683	46.54 2.08 -15.12	42.20 1.91 -12.21	38.76 1.87 -9.43	38.59 1.82 -9.26	38.59 1.79 -9.30	43.53 2.39 -4.92	65.09 3.62 -8.28	74.99 4.21 -13.81	65.61 3.32 -16.84	59.50 2.77 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.31	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.47 1.89 -40.83	101.22 2.21 -67.88	95.68 1.64 -70.20	71.49 1.65 -44.44	58.52 1.68 -28.28	57.86 1.48 -29.90	54.89 1.45 -27.99	51.81 1.57 -24.08
BAYONEEC___CTG3 323684	46.54 2.08 -15.12	42.20 1.91 -12.21	38.76 1.87 -9.43	38.59 1.82 -9.26	38.59 1.79 -9.30	43.53 2.39 -4.92	65.09 3.62 -8.28	74.99 4.21 -13.81	65.61 3.32 -16.84	59.50 2.77 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.31	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.47 1.89 -40.83	101.22 2.21 -67.88	95.68 1.64 -70.20	71.49 1.65 -44.44	58.52 1.68 -28.28	57.86 1.48 -29.90	54.89 1.45 -27.99	51.81 1.57 -24.08
BAYONEEC___CTG4 323685	46.54 2.08 -15.12	42.20 1.91 -12.21	38.76 1.87 -9.43	38.59 1.82 -9.26	38.59 1.79 -9.30	43.53 2.39 -4.92	65.09 3.62 -8.28	74.99 4.21 -13.81	65.61 3.32 -16.84	59.50 2.77 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.31	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.47 1.89 -40.83	101.22 2.21 -67.88	95.68 1.64 -70.20	71.49 1.65 -44.44	58.52 1.68 -28.28	57.86 1.48 -29.90	54.89 1.45 -27.99	51.81 1.57 -24.08
BAYONEEC___CTG5 323686	46.54 2.08 -15.12	42.20 1.91 -12.21	38.76 1.87 -9.43	38.59 1.82 -9.26	38.59 1.79 -9.30	43.53 2.39 -4.92	65.09 3.62 -8.28	74.99 4.21 -13.81	65.61 3.32 -16.84	59.50 2.77 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.31	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.47 1.89 -40.83	101.22 2.21 -67.88	95.68 1.64 -70.20	71.49 1.65 -44.44	58.52 1.68 -28.28	57.86 1.48 -29.90	54.89 1.45 -27.99	51.81 1.57 -24.08
BAYONEEC___CTG6 323687	46.54 2.08 -15.12	42.20 1.91 -12.21	38.76 1.87 -9.43	38.59 1.82 -9.26	38.59 1.79 -9.30	43.53 2.39 -4.92	65.09 3.62 -8.28	74.99 4.21 -13.81	65.61 3.32 -16.84	59.50 2.77 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.31	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.47 1.89 -40.83	101.22 2.21 -67.88	95.68 1.64 -70.20	71.49 1.65 -44.44	58.52 1.68 -28.28	57.86 1.48 -29.90	54.89 1.45 -27.99	51.81 1.57 -24.08
BAYONEEC___CTG7 323688	46.54 2.08 -15.12	42.20 1.91 -12.21	38.76 1.87 -9.43	38.59 1.82 -9.26	38.59 1.79 -9.30	43.53 2.39 -4.92	65.09 3.62 -8.28	74.99 4.21 -13.81	65.61 3.32 -16.84	59.50 2.77 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.31	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.47 1.89 -40.83	101.22 2.21 -67.88	95.68 1.64 -70.20	71.49 1.65 -44.44	58.52 1.68 -28.28	57.86 1.48 -29.90	54.89 1.45 -27.99	51.81 1.57 -24.08
BAYONEEC___CTG8 323689	46.54 2.08 -15.12	42.20 1.91 -12.21	38.76 1.87 -9.43	38.59 1.82 -9.26	38.59 1.79 -9.30	43.53 2.39 -4.92	65.09 3.62 -8.28	74.99 4.21 -13.81	65.61 3.32 -16.84	59.50 2.77 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.31	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.47 1.89 -40.83	101.22 2.21 -67.88	95.68 1.64 -70.20	71.49 1.65 -44.44	58.52 1.68 -28.28	57.86 1.48 -29.90	54.89 1.45 -27.99	51.81 1.57 -24.08

BAYONEEC___CTG9 323749	46.54 2.08 -15.12	42.20 1.91 -12.21	38.76 1.87 -9.43	38.59 1.82 -9.26	38.59 1.79 -9.30	43.53 2.39 -4.92	65.09 3.62 -8.28	74.99 4.21 -13.81	65.61 3.32 -16.84	59.50 2.77 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.31	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.47 1.89 -40.83	101.22 2.21 -67.88	95.68 1.64 -70.20	71.49 1.65 -44.44	58.52 1.68 -28.28	57.86 1.48 -29.90	54.89 1.45 -27.99	51.81 1.57 -24.08
BEACON___LESR 323632	50.01 1.82 -18.85	45.04 1.74 -15.23	40.93 1.70 -11.77	40.77 1.71 -11.55	40.84 1.73 -11.59	45.39 2.25 -6.93	66.57 3.08 -10.29	77.33 3.19 -17.18	68.98 2.59 -20.94	63.02 2.09 -21.41	58.42 1.90 -20.59	57.12 1.79 -21.53	57.03 1.64 -24.48	58.65 1.60 -26.27	64.11 1.45 -34.69	65.60 1.52 -35.35	79.92 1.36 -50.80	117.16 1.56 -84.47	112.37 1.17 -87.36	81.97 1.27 -55.30	65.15 1.40 -35.19	64.94 1.24 -37.22	61.40 1.12 -34.84	57.28 1.15 -29.97
BEAVER RIVER___HYD 24048	30.25 -0.24 -1.15	28.78 -0.23 -0.93	27.93 -0.25 -0.72	28.05 -0.16 -0.70	27.99 -0.22 -0.71	36.25 -0.25 -0.28	53.77 -0.05 -0.63	57.96 -0.06 -1.05	46.46 -0.27 -1.28	40.24 -0.59 -1.31	36.65 -0.54 -1.26	34.54 -0.57 -1.32	31.92 -0.50 -1.50	31.96 -0.43 -1.61	29.89 -0.19 -2.13	30.67 -0.20 -2.14	30.88 0.06 -3.07	35.95 -0.28 -5.10	29.25 0.14 -5.26	28.91 0.18 -3.33	30.79 0.11 -2.12	28.67 -0.05 -2.24	27.47 -0.08 -2.10	27.86 -0.10 -1.80
BEEBEE_GT_13 23619	31.94 -0.53 -3.13	29.96 -0.65 -2.53	28.64 -0.77 -1.95	28.55 -0.88 -1.92	28.50 -0.94 -1.92	36.36 -0.87 -1.02	53.42 -1.49 -1.71	57.96 -1.88 -2.88	47.60 -1.36 -3.51	42.08 -1.03 -3.59	38.52 -0.86 -3.45	36.75 -0.64 -3.59	34.46 -0.53 -4.07	34.63 -0.52 -4.37	33.15 -0.59 -5.78	34.03 -0.57 -5.88	35.54 -0.69 -8.48	44.69 -0.53 -14.09	37.92 -0.50 -14.58	34.10 -0.53 -9.23	33.89 -0.54 -5.87	32.00 -0.69 -6.21	30.61 -0.61 -5.77	30.50 -0.58 -4.92
BENSHRST_27_KV_BENSHRST_1 355998	46.83 2.38 -15.12	42.51 2.22 -12.21	39.04 2.14 -9.44	38.84 2.06 -9.26	38.84 2.04 -9.30	43.71 2.57 -4.92	65.25 3.78 -8.28	75.28 4.50 -13.82	65.85 3.55 -16.85	59.67 2.92 -17.22	55.08 2.59 -16.57	53.66 2.53 -17.32	52.90 2.29 -19.70	54.11 2.19 -21.14	57.78 1.90 -27.91	59.06 1.92 -28.41	70.52 2.08 -40.68	101.16 2.40 -67.64	95.59 1.79 -69.96	71.54 1.85 -44.29	58.57 1.83 -28.18	57.90 1.62 -29.80	54.87 1.53 -27.90	52.00 1.75 -24.09
BETHLEHEM___GRP 23843	49.45 1.23 -18.88	44.50 1.18 -15.25	40.37 1.13 -11.78	40.21 1.13 -11.57	40.24 1.13 -11.61	44.65 1.52 -6.92	65.34 1.81 -10.34	76.04 1.82 -17.26	67.95 1.45 -21.04	62.29 1.26 -21.51	57.87 1.26 -20.69	56.64 1.22 -21.63	56.65 1.14 -24.59	58.28 1.11 -26.39	63.79 0.98 -34.85	65.09 1.01 -35.36	79.16 0.78 -50.63	116.15 0.84 -84.18	111.55 0.64 -87.06	81.20 0.69 -55.11	64.38 0.74 -35.07	64.26 0.69 -37.09	60.80 0.64 -34.72	56.86 0.68 -30.01
BETHLEHEM___GS1 323560	49.45 1.23 -18.88	44.50 1.18 -15.25	40.37 1.13 -11.78	40.21 1.13 -11.57	40.24 1.13 -11.61	44.58 1.45 -6.92	65.30 1.81 -10.30	75.98 1.82 -17.19	67.91 1.50 -20.96	62.25 1.30 -21.43	57.87 1.33 -20.61	56.60 1.25 -21.55	56.56 1.14 -24.50	58.18 1.11 -26.29	63.66 0.98 -34.72	65.11 1.00 -35.38	79.40 0.78 -50.87	116.55 0.84 -84.58	111.96 0.64 -87.47	81.46 0.69 -55.37	64.54 0.74 -35.24	64.46 0.72 -37.26	60.97 0.64 -34.88	56.88 0.71 -30.01
BETHLEHEM___GS2 323561	49.45 1.23 -18.88	44.50 1.18 -15.25	40.37 1.13 -11.78	40.21 1.13 -11.57	40.24 1.13 -11.61	44.58 1.45 -6.92	65.30 1.81 -10.30	75.98 1.82 -17.19	67.91 1.50 -20.96	62.25 1.30 -21.43	57.87 1.33 -20.61	56.60 1.25 -21.55	56.56 1.14 -24.50	58.18 1.11 -26.29	63.66 0.98 -34.72	65.11 1.00 -35.38	79.40 0.78 -50.87	116.55 0.84 -84.58	111.96 0.64 -87.47	81.46 0.69 -55.37	64.54 0.74 -35.24	64.46 0.72 -37.26	60.97 0.64 -34.88	56.88 0.71 -30.01
BETHLEHEM___GS3 323562	49.45 1.23 -18.88	44.50 1.18 -15.25	40.37 1.13 -11.78	40.21 1.13 -11.57	40.24 1.13 -11.61	44.58 1.45 -6.92	65.30 1.81 -10.30	75.98 1.82 -17.19	67.91 1.50 -20.96	62.25 1.30 -21.43	57.87 1.33 -20.61	56.60 1.25 -21.55	56.56 1.14 -24.50	58.18 1.11 -26.29	63.66 0.98 -34.72	65.11 1.00 -35.38	79.40 0.78 -50.87	116.55 0.84 -84.58	111.96 0.64 -87.47	81.46 0.69 -55.37	64.54 0.74 -35.24	64.46 0.72 -37.26	60.97 0.64 -34.88	56.88 0.71 -30.01
BETHLEHEM___STEEL 23779	32.02 -1.00 -3.68	29.84 -1.21 -2.97	28.41 -1.35 -2.29	28.25 -1.51 -2.25	28.17 -1.60 -2.26	35.75 -1.67 -1.20	52.01 -3.19 -2.01	55.90 -4.04 -2.98	45.98 -3.09 -3.62	40.69 -2.53 -3.70	37.27 -2.23 -3.57	35.86 -1.96 -4.02	34.00 -1.70 -4.79	34.26 -1.66 -5.14	33.21 -1.54 -6.79	34.00 -1.64 -6.91	34.82 -1.75 -8.81	44.23 -1.68 -14.78	37.64 -1.41 -15.21	33.55 -1.47 -9.63	33.15 -1.54 -6.13	31.29 -1.67 -6.48	30.73 -1.50 -6.79	30.59 -1.33 -5.77
BETHLHEM_115KV_TB1 79974	49.47 1.26 -18.87	44.53 1.21 -15.24	40.39 1.15 -11.78	40.23 1.16 -11.56	40.27 1.16 -11.61	44.64 1.56 -6.87	65.44 1.91 -10.34	76.15 1.94 -17.25	68.03 1.55 -21.04	62.36 1.34 -21.50	57.94 1.33 -20.68	56.71 1.28 -21.62	56.67 1.17 -24.59	58.31 1.14 -26.38	63.84 1.03 -34.84	65.11 1.03 -35.35	79.23 0.86 -50.62	116.23 0.93 -84.16	111.58 0.69 -87.05	81.27 0.76 -55.11	64.46 0.83 -35.07	64.33 0.77 -37.08	60.87 0.71 -34.72	56.93 0.76 -30.01
BETHPAGE_CC_5 323564	54.02 3.05 -21.63	50.97 2.87 -20.03	42.94 2.69 -12.79	46.73 2.67 -16.55	46.70 2.64 -16.55	53.81 3.62 -13.98	82.60 5.43 -23.98	92.39 5.81 -29.62	71.66 4.64 -21.57	60.42 3.68 -17.22	55.80 3.30 -16.57	54.30 3.18 -17.33	53.42 2.81 -19.69	54.69 2.77 -21.13	58.48 2.60 -27.92	73.07 2.56 -41.79	103.63 2.58 -73.30	114.90 3.02 -80.75	113.20 2.27 -87.09	107.64 2.34 -79.91	88.92 2.48 -57.88	87.66 2.28 -58.91	60.56 2.19 -32.93	52.70 2.43 -24.10
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.01 -1.03 -3.70	29.83 -1.24 -2.99	28.40 -1.37 -2.31	28.27 -1.51 -2.27	28.19 -1.60 -2.27	35.72 -1.70 -1.21	52.03 -3.19 -2.03	55.98 -3.99 -3.01	46.06 -3.05 -3.66	40.77 -2.49 -3.74	37.31 -2.23 -3.61	35.85 -1.99 -4.05	34.00 -1.73 -4.82	34.26 -1.69 -5.17	33.22 -1.57 -6.83	34.01 -1.67 -6.95	34.90 -1.75 -8.89	44.35 -1.68 -14.91	37.78 -1.41 -15.34	33.64 -1.47 -9.71	33.20 -1.54 -6.18	31.35 -1.67 -6.54	30.77 -1.50 -6.83	30.60 -1.36 -5.80
BINGHAMTON___COGEN 23790	35.63 0.29 -6.00	33.12 0.20 -4.85	31.32 0.11 -3.75	31.27 0.08 -3.68	31.23 0.03 -3.69	38.40 0.22 -1.97	56.75 0.27 -3.29	62.67 0.28 -5.43	52.30 0.23 -6.62	46.48 0.20 -6.77	42.62 0.18 -6.51	40.88 0.24 -6.85	38.95 0.22 -7.82	39.39 0.22 -8.39	39.21 0.17 -11.08	40.15 0.14 -11.28	43.83 0.08 -15.99	57.92 0.19 -26.61	51.50 0.14 -27.52	43.02 0.20 -17.42	39.93 0.29 -11.09	38.36 0.16 -11.72	36.65 0.13 -11.08	35.71 0.16 -9.39
BIXINCNT_115KV_LOAD 355685	32.05 -1.09 -3.80	29.88 -1.26 -3.07	28.51 -1.32 -2.37	28.32 -1.51 -2.33	28.22 -1.62 -2.33	35.72 -1.74 -1.24	51.87 -3.40 -2.08	55.99 -4.10 -3.13	45.84 -3.41 -3.80	40.52 -2.88 -3.89	36.98 -2.69 -3.75	35.34 -2.64 -4.17	33.45 -2.41 -4.94	33.81 -2.28 -5.31	32.87 -2.10 -7.01	33.62 -2.24 -7.13	34.72 -2.28 -9.24	44.18 -2.43 -15.48	37.90 -1.88 -15.94	33.56 -1.93 -10.09	33.07 -1.91 -6.43	31.37 -1.91 -6.79	30.72 -1.73 -7.01	30.44 -1.67 -5.95

BLACK RIVER___HYD 24047	30.79 -0.15 -1.60	29.17 -0.20 -1.29	28.21 -0.25 -1.00	28.33 -0.16 -0.98	28.24 -0.25 -0.98	36.55 -0.18 -0.51	54.34 0.27 -0.88	58.71 0.29 -1.46	47.19 -0.05 -1.79	40.95 -0.40 -1.83	37.32 -0.36 -1.76	35.30 -0.34 -1.84	32.63 -0.37 -2.09	32.72 -0.31 -2.24	30.75 -0.17 -2.96	31.65 -0.06 -2.98	32.16 0.14 -4.27	38.26 0.03 -7.10	31.48 0.31 -7.33	30.42 0.38 -4.64	31.91 0.40 -2.95	29.71 0.11 -3.12	28.42 0.05 -2.92	28.67 0.00 -2.51
BLACKRVR_115KV_TB2 79977	30.79 -0.15 -1.60	29.17 -0.20 -1.29	28.21 -0.25 -1.00	28.33 -0.17 -0.98	28.24 -0.25 -0.98	36.55 -0.18 -0.51	54.33 0.27 -0.88	58.71 0.28 -1.46	47.19 -0.05 -1.78	40.95 -0.40 -1.82	37.32 -0.36 -1.75	35.29 -0.34 -1.83	32.63 -0.37 -2.08	32.71 -0.31 -2.24	30.75 -0.17 -2.95	31.71 -0.03 -3.01	32.18 0.11 -4.31	38.33 0.03 -7.17	31.57 0.31 -7.42	30.48 0.38 -4.70	31.83 0.29 -2.99	29.74 0.11 -3.16	28.45 0.05 -2.96	28.68 0.00 -2.52
BLISS_WT_PWR 323608	31.99 -1.14 -3.80	29.82 -1.32 -3.07	28.48 -1.34 -2.37	28.27 -1.57 -2.33	28.19 -1.65 -2.33	35.61 -1.85 -1.24	51.71 -3.56 -2.08	55.76 -4.33 -3.13	45.76 -3.50 -3.81	40.38 -3.04 -3.90	36.88 -2.80 -3.75	35.17 -2.80 -4.18	33.26 -2.60 -4.94	33.66 -2.43 -5.31	32.76 -2.21 -7.01	33.38 -2.41 -7.06	34.38 -2.47 -9.09	43.65 -2.71 -15.23	37.50 -2.07 -15.73	33.17 -2.18 -9.96	32.79 -2.11 -6.34	31.14 -2.04 -6.70	30.58 -1.81 -6.94	30.35 -1.78 -5.97
BLUESTONE___WT_PWR 323821	38.67 1.97 -7.37	35.83 1.80 -5.95	33.68 1.62 -4.60	33.71 1.68 -4.52	33.61 1.57 -4.53	41.13 2.50 -2.42	61.53 4.31 -4.04	68.27 4.61 -6.69	57.25 3.64 -8.16	50.87 3.00 -8.34	46.65 2.70 -8.03	44.82 2.60 -8.42	42.71 2.20 -9.60	43.24 2.15 -10.30	43.47 1.90 -13.61	42.27 1.98 -11.56	45.99 1.89 -16.35	60.63 2.30 -27.20	53.59 1.69 -28.06	45.01 1.85 -17.76	41.98 2.11 -11.30	40.07 1.64 -11.95	38.16 1.45 -11.27	37.34 1.49 -9.69
BLUE_CIRC_CHEM_DRP 24182	49.52 1.58 -18.60	44.61 1.52 -15.02	40.55 1.48 -11.61	40.39 1.49 -11.39	40.43 1.49 -11.44	44.74 1.96 -6.57	65.98 2.61 -10.18	76.52 2.56 -17.00	68.22 2.05 -20.73	62.44 1.74 -21.19	57.89 1.58 -20.38	56.63 1.52 -21.31	56.53 1.39 -24.22	58.16 1.39 -26.00	63.58 1.29 -34.33	64.90 1.32 -34.85	78.85 1.19 -49.90	115.44 1.34 -82.97	110.69 1.03 -85.82	80.87 1.14 -54.32	64.36 1.23 -34.57	64.15 1.11 -36.56	60.71 1.04 -34.22	56.81 1.07 -29.58
BOC_GAS_DRP 24189	49.42 1.23 -18.85	44.48 1.18 -15.23	40.35 1.13 -11.76	40.19 1.13 -11.55	40.23 1.13 -11.59	44.29 1.48 -6.59	65.54 2.02 -10.32	76.30 2.11 -17.23	68.14 1.68 -21.01	62.46 1.46 -21.47	57.95 1.37 -20.66	56.68 1.28 -21.60	56.67 1.21 -24.56	58.30 1.17 -26.35	63.83 1.06 -34.80	65.14 1.09 -35.32	79.30 0.97 -50.58	116.31 1.09 -84.09	111.66 0.83 -86.98	81.37 0.91 -55.06	64.57 0.97 -35.04	64.43 0.90 -37.05	60.97 0.84 -34.69	57.02 0.89 -29.97
BOONVILLE_115KV_TB1 79983	30.85 0.53 -0.98	29.35 0.48 -0.79	28.49 0.41 -0.61	28.58 0.47 -0.60	28.55 0.44 -0.60	37.18 0.72 -0.24	55.11 1.38 -0.54	59.34 1.48 -0.90	47.59 1.05 -1.10	41.31 0.67 -1.12	37.62 0.61 -1.08	35.47 0.54 -1.13	32.66 0.46 -1.28	32.65 0.49 -1.37	30.34 0.56 -1.82	31.24 0.66 -1.85	31.10 0.69 -2.65	36.13 0.59 -4.41	29.04 0.64 -4.56	29.00 0.71 -2.88	31.08 0.69 -1.84	28.95 0.53 -1.94	27.75 0.48 -1.82	28.18 0.47 -1.55
BORALEX_4TH_BRANCH 23824	50.23 2.17 -18.72	45.28 2.08 -15.12	41.15 2.00 -11.69	40.99 2.01 -11.47	41.00 1.98 -11.51	46.16 2.68 -7.26	67.49 4.04 -10.26	78.35 4.27 -17.12	69.77 3.45 -20.87	63.78 2.92 -21.33	58.86 2.41 -20.52	57.52 2.26 -21.45	57.44 2.13 -24.39	59.15 2.19 -26.18	64.52 1.99 -34.57	65.94 2.04 -35.18	80.12 2.00 -50.37	117.15 2.27 -83.75	112.18 1.72 -86.62	82.09 1.85 -54.84	65.46 2.00 -34.90	65.21 1.83 -36.90	61.70 1.70 -34.55	57.71 1.78 -29.77
BOWLINE___1 23526	45.70 1.70 -14.66	41.49 1.57 -11.85	38.15 1.54 -9.15	38.01 1.51 -8.99	38.01 1.48 -9.02	42.95 1.95 -4.78	64.25 3.03 -8.03	73.72 3.36 -13.40	64.33 2.54 -16.34	58.35 2.13 -16.70	53.86 1.87 -16.07	52.42 1.82 -16.80	51.68 1.67 -19.10	52.88 1.60 -20.49	56.42 1.40 -27.06	57.76 1.38 -27.66	68.79 1.41 -39.62	98.69 1.68 -65.88	93.20 1.24 -68.12	69.79 1.27 -43.12	57.35 1.34 -27.44	56.72 1.22 -29.02	53.81 1.20 -27.17	50.79 1.26 -23.37
BOWLINE___2 23595	45.76 1.76 -14.67	41.55 1.63 -11.85	38.18 1.56 -9.15	38.04 1.54 -8.99	38.04 1.51 -9.02	43.02 2.03 -4.78	64.31 3.08 -8.03	73.84 3.48 -13.40	64.38 2.59 -16.34	58.39 2.17 -16.70	53.90 1.90 -16.07	52.45 1.86 -16.80	51.71 1.70 -19.10	52.91 1.63 -20.49	56.45 1.43 -27.07	57.80 1.41 -27.66	68.79 1.41 -39.62	98.72 1.71 -65.88	93.21 1.24 -68.13	69.80 1.27 -43.13	57.35 1.34 -27.45	56.75 1.24 -29.02	53.84 1.22 -27.17	50.84 1.31 -23.37
BRADY___115KV_TB2 356060	29.56 -0.06 -0.28	28.31 0.00 -0.23	27.78 0.14 -0.18	27.85 0.17 -0.17	27.90 0.22 -0.17	36.36 0.07 -0.07	53.67 0.32 -0.16	57.62 0.40 -0.26	45.95 0.18 -0.32	40.12 0.28 -0.32	36.56 0.32 -0.31	34.29 0.17 -0.33	31.38 0.09 -0.37	31.27 0.09 -0.40	28.71 0.22 -0.53	28.84 0.11 0.00	28.12 0.36 0.00	31.38 0.25 0.00	24.13 0.29 0.00	25.65 0.25 0.00	28.45 -0.11 0.00	26.56 0.08 0.00	25.52 0.08 0.00	26.19 0.03 0.00
BRANSCOMB___SOLAR 323811	50.49 1.88 -19.27	45.47 1.82 -15.57	41.27 1.78 -12.03	41.11 1.79 -11.81	41.18 1.82 -11.85	46.56 2.46 -7.89	67.84 4.10 -10.55	78.72 4.16 -17.60	70.19 3.27 -21.47	63.87 2.41 -21.94	59.04 2.01 -21.11	57.69 1.82 -22.06	57.64 1.64 -25.09	59.34 1.63 -26.92	65.08 1.56 -35.56	66.63 1.69 -36.21	81.38 1.69 -51.93	119.41 1.93 -86.35	114.60 1.45 -89.30	83.53 1.60 -56.53	66.28 1.74 -35.97	66.00 1.48 -38.04	62.43 1.37 -35.61	58.16 1.36 -30.64
BRENTWOD_69_KV_W. BRTWOOD 56703	55.15 3.64 -22.17	52.19 3.43 -20.69	43.07 3.35 -12.26	47.59 3.30 -16.77	47.74 3.27 -16.96	55.34 4.38 -14.74	85.10 6.60 -25.31	94.94 7.12 -30.86	72.99 5.59 -21.95	61.10 4.35 -17.23	56.56 4.06 -16.57	54.98 3.85 -17.33	54.04 3.43 -19.70	55.31 3.39 -21.14	58.93 3.05 -27.92	73.52 3.10 -41.70	104.10 3.19 -73.15	115.24 3.61 -80.50	113.41 2.72 -86.85	108.05 2.90 -79.76	89.49 3.14 -57.79	88.14 2.86 -58.81	61.63 2.85 -33.33	53.22 2.96 -24.10
BRISTLHL_115KV_TB1 79998	31.28 -0.56 -2.50	29.53 -0.56 -2.02	28.41 -0.60 -1.56	28.44 -0.61 -1.53	28.38 -0.66 -1.54	36.23 -0.80 -0.81	53.34 -1.22 -1.37	57.99 -1.25 -2.28	47.28 -0.95 -2.78	41.61 -0.75 -2.84	37.98 -0.68 -2.74	36.08 -0.57 -2.86	33.67 -0.49 -3.25	33.78 -0.49 -3.49	32.10 -0.48 -4.61	32.96 -0.46 -4.69	33.98 -0.50 -6.72	41.80 -0.50 -11.17	35.07 -0.33 -11.56	32.38 -0.33 -7.32	32.99 -0.23 -4.66	31.11 -0.29 -4.92	29.77 -0.28 -4.61	29.80 -0.29 -3.93
BROOKHAVEN___DRP 24191	55.24 3.67 -22.24	52.29 3.45 -20.76	43.00 3.35 -12.19	47.64 3.33 -16.80	47.81 3.30 -17.01	55.46 4.42 -14.83	85.36 6.70 -25.46	95.26 7.29 -31.01	73.08 5.64 -21.99	61.06 4.31 -17.23	56.52 4.02 -16.57	54.98 3.85 -17.33	54.01 3.40 -19.70	55.28 3.36 -21.14	58.90 3.02 -27.92	73.55 3.13 -41.70	104.24 3.33 -73.15	115.34 3.70 -80.50	113.46 2.77 -86.85	108.13 2.97 -79.76	89.60 3.26 -57.79	88.20 2.91 -58.81	61.71 2.88 -33.39	53.27 3.01 -24.10

BROOKLYN_NAVY_YARD 23515	46.48 2.02 -15.12	42.14 1.85 -12.21	38.71 1.81 -9.43	38.54 1.76 -9.26	38.54 1.73 -9.30	43.49 2.35 -4.92	65.09 3.62 -8.28	75.05 4.27 -13.81	65.61 3.32 -16.84	59.50 2.77 -17.22	54.82 2.33 -16.56	53.41 2.30 -17.31	52.70 2.10 -19.69	53.94 2.03 -21.13	57.62 1.76 -27.90	58.98 1.75 -28.50	70.47 1.89 -40.83	101.22 2.21 -67.88	95.68 1.64 -70.20	71.49 1.65 -44.44	58.49 1.66 -28.28	57.84 1.46 -29.90	54.89 1.45 -27.99	51.76 1.52 -24.08
BROOKLYN___ARMY_DRP 323595	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	65.04 3.56 -8.28	75.00 4.22 -13.82	65.67 3.36 -16.85	59.51 2.77 -17.22	54.94 2.44 -16.57	53.52 2.40 -17.32	52.77 2.16 -19.70	53.98 2.06 -21.14	57.67 1.79 -27.91	58.92 1.78 -28.41	70.38 1.94 -40.68	100.98 2.21 -67.64	95.47 1.67 -69.96	71.41 1.73 -44.29	58.43 1.69 -28.18	57.76 1.48 -29.80	54.77 1.42 -27.90	51.90 1.65 -24.09
BROOKVLE_69_KV_TB1 55790	51.86 2.67 -19.86	48.50 2.53 -17.90	43.05 2.44 -13.14	45.11 2.42 -15.18	44.76 2.37 -14.89	50.88 3.15 -11.51	77.62 4.73 -19.70	87.88 5.30 -25.62	70.11 4.27 -20.38	60.15 3.40 -17.23	55.63 3.13 -16.57	54.13 3.01 -17.33	53.33 2.72 -19.70	54.57 2.65 -21.14	58.23 2.35 -27.92	72.74 2.33 -41.69	103.25 2.36 -73.14	114.34 2.71 -80.50	112.71 2.03 -86.84	107.29 2.13 -79.75	88.56 2.23 -57.77	87.31 2.04 -58.79	58.66 2.01 -31.21	52.38 2.12 -24.10
BROOME_2_LFGE 323671	35.63 0.29 -6.00	33.12 0.20 -4.85	31.32 0.11 -3.75	31.27 0.08 -3.68	31.23 0.03 -3.69	38.41 0.22 -1.97	56.75 0.27 -3.29	62.68 0.29 -5.43	52.34 0.27 -6.62	46.52 0.24 -6.77	42.62 0.18 -6.51	40.88 0.24 -6.85	38.98 0.25 -7.82	39.39 0.22 -8.39	39.24 0.20 -11.08	40.03 0.14 -11.16	43.60 0.08 -15.76	57.54 0.19 -26.22	51.00 0.12 -27.04	42.70 0.18 -17.12	39.74 0.29 -10.89	38.16 0.16 -11.52	36.46 0.13 -10.89	35.68 0.16 -9.37
BROOME___LFGE 323600	35.63 0.29 -6.00	33.12 0.20 -4.85	31.32 0.11 -3.75	31.27 0.08 -3.68	31.23 0.03 -3.69	38.41 0.22 -1.97	56.75 0.27 -3.29	62.68 0.29 -5.43	52.34 0.27 -6.62	46.52 0.24 -6.77	42.62 0.18 -6.51	40.88 0.24 -6.85	38.98 0.25 -7.82	39.39 0.22 -8.39	39.24 0.20 -11.08	40.03 0.14 -11.16	43.60 0.08 -15.76	57.54 0.19 -26.22	51.00 0.12 -27.04	42.70 0.18 -17.12	39.74 0.29 -10.89	38.16 0.16 -11.52	36.46 0.13 -10.89	35.68 0.16 -9.37
BROWNFLS_115KV_TB_3_5 80003	29.64 -0.50 -0.81	28.28 -0.45 -0.65	27.61 -0.36 -0.50	27.70 -0.30 -0.49	27.70 -0.30 -0.50	35.87 -0.54 -0.20	52.94 -0.69 -0.44	56.96 -0.74 -0.74	45.62 -0.73 -0.90	39.65 -0.79 -0.92	36.16 -0.65 -0.88	34.01 -0.71 -0.92	31.31 -0.65 -1.05	31.29 -0.62 -1.13	29.03 -0.42 -1.49	29.76 -0.49 -1.53	29.66 -0.59 -2.19	34.17 -0.59 -3.63	27.41 -0.19 -3.76	27.57 -0.20 -2.38	29.56 -0.51 -1.51	27.71 -0.37 -1.60	26.64 -0.31 -1.50	27.10 -0.34 -1.28
BROWNSV1_27_KV_LOAD 356125	46.74 2.29 -15.12	42.42 2.13 -12.21	38.96 2.06 -9.43	38.78 2.01 -9.26	38.79 1.98 -9.30	43.78 2.64 -4.92	65.57 4.10 -8.28	75.51 4.73 -13.82	66.07 3.77 -16.85	59.87 3.12 -17.22	55.26 2.77 -16.57	53.82 2.70 -17.32	53.05 2.44 -19.69	54.26 2.34 -21.13	57.92 2.04 -27.91	59.20 2.07 -28.41	70.60 2.16 -40.68	101.25 2.49 -67.63	95.66 1.86 -69.95	71.61 1.93 -44.28	58.71 1.97 -28.18	58.05 1.77 -29.80	55.02 1.68 -27.90	52.03 1.78 -24.09
BURROWS___LYONSDAL 23803	30.73 0.38 -1.02	29.23 0.34 -0.82	28.37 0.27 -0.63	28.46 0.33 -0.62	28.43 0.30 -0.62	36.97 0.51 -0.25	54.81 1.06 -0.56	58.97 1.08 -0.93	47.35 0.77 -1.13	41.03 0.36 -1.16	37.33 0.29 -1.11	35.20 0.24 -1.16	32.45 0.22 -1.32	32.48 0.28 -1.42	30.23 0.39 -1.87	31.13 0.49 -1.91	31.05 0.56 -2.74	36.06 0.37 -4.55	29.10 0.55 -4.71	28.99 0.61 -2.98	30.97 0.51 -1.90	28.91 0.42 -2.01	27.68 0.36 -1.88	28.10 0.34 -1.60
CAITHNESS_CC_1 323624	55.27 3.70 -22.24	52.32 3.48 -20.77	42.92 3.27 -12.19	47.55 3.24 -16.80	47.70 3.19 -17.01	55.50 4.45 -14.83	85.36 6.70 -25.46	95.20 7.23 -31.00	73.12 5.68 -21.98	61.17 4.43 -17.22	56.49 3.99 -16.57	54.91 3.78 -17.33	53.91 3.31 -19.69	55.24 3.33 -21.13	59.04 3.16 -27.92	73.70 3.19 -41.79	104.41 3.36 -73.30	115.71 3.83 -80.75	113.79 2.86 -87.09	108.31 3.00 -79.91	89.70 3.25 -57.89	88.33 2.94 -58.91	61.68 2.75 -33.49	53.22 2.96 -24.11
CALPINE BETH_PAGE_GT4 24209	53.41 2.73 -21.35	50.44 2.67 -19.69	43.12 2.61 -13.05	46.51 2.56 -16.43	46.38 2.53 -16.34	53.06 3.26 -13.59	81.45 4.95 -23.31	91.37 5.41 -29.00	71.16 4.32 -21.39	60.11 3.36 -17.23	55.59 3.09 -16.57	54.10 2.97 -17.33	53.30 2.69 -19.70	54.54 2.62 -21.14	58.20 2.32 -27.92	72.72 2.30 -41.69	103.23 2.33 -73.14	114.31 2.68 -80.50	112.69 2.00 -86.84	107.24 2.08 -79.76	88.54 2.20 -57.78	87.32 2.04 -58.80	60.11 2.09 -32.57	52.56 2.30 -24.10
CALPINE_BETH_PAGE_GT_4 323586	53.62 2.93 -21.35	50.55 2.78 -19.69	43.12 2.61 -13.05	46.51 2.56 -16.43	46.38 2.53 -16.34	53.32 3.51 -13.59	81.66 5.16 -23.31	91.47 5.52 -28.99	71.24 4.41 -21.38	60.22 3.48 -17.22	55.63 3.12 -16.57	54.13 3.01 -17.33	53.26 2.66 -19.69	54.56 2.65 -21.13	58.34 2.46 -27.92	72.92 2.41 -41.79	103.49 2.44 -73.29	114.74 2.86 -80.75	113.08 2.15 -87.09	107.52 2.21 -79.91	88.78 2.34 -57.88	87.53 2.14 -58.90	60.18 2.06 -32.67	52.59 2.33 -24.10
CALPINE_BP_GT1 23823	53.62 2.93 -21.35	50.55 2.78 -19.69	43.12 2.61 -13.05	46.51 2.56 -16.43	46.38 2.53 -16.34	53.32 3.51 -13.59	81.66 5.16 -23.31	91.47 5.52 -28.99	71.24 4.41 -21.38	60.22 3.48 -17.22	55.63 3.12 -16.57	54.13 3.01 -17.33	53.26 2.66 -19.69	54.56 2.65 -21.13	58.34 2.46 -27.92	72.92 2.41 -41.79	103.49 2.44 -73.29	114.74 2.86 -80.75	113.08 2.15 -87.09	107.52 2.21 -79.91	88.78 2.34 -57.88	87.53 2.14 -58.90	60.18 2.06 -32.67	52.59 2.33 -24.10
CALSPAN___DRP 24200	32.02 -1.00 -3.68	29.84 -1.21 -2.97	28.41 -1.35 -2.29	28.25 -1.51 -2.25	28.17 -1.60 -2.26	35.75 -1.67 -1.20	52.01 -3.19 -2.01	55.90 -4.04 -2.98	45.98 -3.09 -3.62	40.69 -2.53 -3.70	37.27 -2.23 -3.57	35.86 -1.96 -4.02	34.00 -1.70 -4.79	34.26 -1.66 -5.14	33.21 -1.54 -6.79	34.00 -1.64 -6.91	34.82 -1.75 -8.81	44.23 -1.68 -14.78	37.64 -1.41 -15.21	33.55 -1.47 -9.63	33.15 -1.54 -6.13	31.29 -1.67 -6.48	30.73 -1.50 -6.79	30.59 -1.33 -5.77
CALVERTON___SOLAR 323806	55.51 3.93 -22.24	52.52 3.68 -20.76	43.14 3.49 -12.19	47.75 3.44 -16.80	47.92 3.41 -17.01	55.79 4.74 -14.83	85.83 7.18 -25.46	95.71 7.75 -31.00	73.48 6.05 -21.98	61.44 4.70 -17.22	56.74 4.24 -16.57	55.11 3.99 -17.33	54.10 3.49 -19.69	55.42 3.51 -21.13	59.23 3.35 -27.92	73.93 3.42 -41.79	104.69 3.63 -73.30	116.02 4.14 -80.75	114.03 3.10 -87.09	108.56 3.25 -79.91	89.99 3.54 -57.89	88.57 3.18 -58.91	61.88 2.95 -33.49	53.40 3.14 -24.11
CANDIGU_WT_PWR 323617	33.52 -0.38 -4.56	31.25 -0.50 -3.68	29.70 -0.60 -2.85	29.62 -0.69 -2.79	29.57 -0.74 -2.80	36.98 -0.72 -1.49	54.14 -1.54 -2.50	59.01 -1.94 -3.98	48.85 -1.46 -4.86	43.14 -1.34 -4.96	39.52 -1.18 -4.77	37.92 -1.01 -5.13	35.93 -0.93 -5.94	36.26 -0.89 -6.37	35.60 -0.78 -8.42	36.35 -0.86 -8.48	38.37 -0.97 -11.59	49.50 -0.97 -19.33	42.83 -0.86 -19.85	37.07 -0.89 -12.56	35.73 -0.83 -8.00	34.03 -0.90 -8.46	32.87 -0.84 -8.27	32.54 -0.73 -7.11

CARR STREET_E_SYR 24060	31.68 -0.32 -2.67	29.87 -0.37 -2.16	28.72 -0.41 -1.67	28.71 -0.44 -1.64	28.68 -0.47 -1.64	36.43 -0.65 -0.86	53.48 -1.17 -1.46	58.26 -1.14 -2.44	47.56 -0.86 -2.98	41.85 -0.71 -3.04	38.24 -0.61 -2.93	36.35 -0.51 -3.06	33.96 -0.43 -3.48	34.08 -0.43 -3.73	32.58 -0.31 -4.93	33.35 -0.34 -4.97	34.42 -0.45 -7.11	42.46 -0.50 -11.83	35.67 -0.36 -12.18	32.86 -0.25 -7.71	33.38 -0.09 -4.91	31.51 -0.16 -5.19	30.15 -0.15 -4.86	30.18 -0.16 -4.18
CARTHAGE___PAPER 23857	30.50 -0.26 -1.43	28.97 -0.25 -1.15	28.08 -0.27 -0.89	28.16 -0.22 -0.87	28.14 -0.25 -0.88	36.42 -0.25 -0.45	54.03 0.05 -0.78	58.32 0.06 -1.31	46.82 -0.23 -1.59	40.59 -0.55 -1.63	36.95 -0.54 -1.56	34.89 -0.54 -1.64	32.25 -0.53 -1.86	32.32 -0.46 -2.00	30.35 -0.25 -2.64	31.18 -0.20 -2.66	31.62 0.06 -3.80	37.27 -0.19 -6.33	30.56 0.19 -6.53	29.79 0.25 -4.13	31.39 0.20 -2.63	29.26 0.00 -2.78	27.97 -0.08 -2.60	28.27 -0.13 -2.24
CASSADAGA_WT_PWR 323784	32.33 -0.79 -3.79	30.07 -1.07 -3.06	28.59 -1.24 -2.36	28.29 -1.54 -2.32	28.16 -1.68 -2.33	35.50 -1.96 -1.24	51.97 -3.30 -2.07	56.15 -3.93 -3.12	46.39 -2.86 -3.80	40.99 -2.41 -3.88	37.54 -2.12 -3.74	36.04 -1.93 -4.17	34.15 -1.70 -4.93	34.35 -1.72 -5.29	33.39 -1.57 -6.99	34.02 -1.75 -7.05	34.95 -1.86 -9.06	44.59 -1.71 -15.17	37.96 -1.55 -15.67	33.62 -1.70 -9.92	33.10 -1.77 -6.31	31.33 -1.83 -6.68	30.72 -1.65 -6.93	30.63 -1.49 -5.96
CE_DUNWOOD___DRP 24194	46.39 1.97 -15.09	42.12 1.85 -12.19	38.66 1.78 -9.42	38.52 1.76 -9.25	38.52 1.73 -9.28	43.45 2.32 -4.91	65.02 3.56 -8.26	74.86 4.10 -13.79	65.54 3.27 -16.82	59.36 2.65 -17.19	54.84 2.37 -16.54	53.39 2.30 -17.29	52.64 2.07 -19.66	53.88 2.00 -21.09	57.58 1.76 -27.86	58.86 1.78 -28.36	70.16 1.80 -40.60	100.72 2.09 -67.50	95.21 1.55 -69.82	71.22 1.63 -44.20	58.37 1.69 -28.13	57.76 1.54 -29.74	54.74 1.45 -27.84	51.75 1.54 -24.04
CE_MILLWOOD___DRP 24193	46.28 1.91 -15.03	42.02 1.80 -12.14	38.57 1.73 -9.38	38.43 1.71 -9.21	38.43 1.68 -9.25	43.32 2.21 -4.90	64.83 3.40 -8.23	74.63 3.93 -13.74	65.34 3.14 -16.76	59.18 2.53 -17.13	54.67 2.26 -16.48	53.19 2.16 -17.22	52.48 1.98 -19.58	53.71 1.91 -21.02	57.40 1.68 -27.76	58.67 1.69 -28.25	69.92 1.72 -40.45	100.38 1.99 -67.25	94.88 1.48 -69.56	70.98 1.55 -44.03	58.21 1.63 -28.02	57.59 1.48 -29.63	54.59 1.40 -27.74	51.58 1.46 -23.96
CE_NYC2_DRP 24202	46.69 2.23 -15.12	42.39 2.11 -12.21	38.93 2.03 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.64 2.50 -4.92	65.14 3.67 -8.28	75.17 4.39 -13.82	65.76 3.45 -16.85	59.55 2.81 -17.22	55.01 2.51 -16.57	53.59 2.47 -17.32	52.83 2.23 -19.70	54.04 2.12 -21.14	57.69 1.82 -27.91	58.98 1.84 -28.41	70.35 1.92 -40.68	100.95 2.18 -67.64	95.42 1.62 -69.96	71.36 1.68 -44.29	58.43 1.69 -28.18	57.79 1.51 -29.80	54.82 1.48 -27.90	51.90 1.65 -24.09
CE_NYC_DRP 24195	46.54 2.08 -15.12	42.22 1.94 -12.21	38.76 1.87 -9.43	38.62 1.84 -9.26	38.62 1.82 -9.30	43.53 2.39 -4.92	65.14 3.67 -8.28	75.11 4.33 -13.82	65.76 3.45 -16.85	59.55 2.81 -17.22	55.01 2.51 -16.57	53.55 2.43 -17.32	52.83 2.23 -19.69	54.04 2.12 -21.13	57.72 1.85 -27.91	59.00 1.87 -28.41	70.37 1.94 -40.68	100.97 2.21 -67.63	95.44 1.65 -69.95	71.38 1.70 -44.28	58.45 1.71 -28.18	57.84 1.56 -29.80	54.84 1.50 -27.90	51.84 1.60 -24.09
CHAFFEE___LFGE 323603	32.05 -1.03 -3.74	29.89 -1.21 -3.02	28.47 -1.32 -2.33	28.32 -1.49 -2.29	28.27 -1.54 -2.30	35.77 -1.67 -1.22	52.21 -3.03 -2.05	56.20 -3.82 -3.05	46.45 -2.73 -3.72	40.99 -2.33 -3.81	37.58 -2.01 -3.66	36.11 -1.79 -4.10	34.20 -1.58 -4.87	34.44 -1.57 -5.22	33.46 -1.40 -6.90	34.15 -1.52 -6.95	35.00 -1.64 -8.88	44.49 -1.52 -14.88	37.90 -1.31 -15.37	33.69 -1.45 -9.73	33.27 -1.49 -6.20	31.44 -1.59 -6.55	30.86 -1.42 -6.84	30.73 -1.31 -5.88
CHATEAUG_35_KV_LOAD 355732	28.22 -1.11 0.00	27.21 -0.87 0.00	26.83 -0.63 0.00	26.99 -0.52 0.00	27.26 -0.25 0.00	36.03 -0.18 0.00	53.56 0.37 0.00	57.36 0.40 0.00	45.77 0.32 0.00	39.80 0.28 0.00	36.25 0.32 0.00	33.76 -0.03 0.00	30.70 -0.22 0.00	30.57 -0.22 0.00	27.82 -0.14 0.00	28.55 -0.17 0.00	27.76 0.00 0.00	31.00 -0.12 0.00	23.56 -0.29 0.00	24.89 -0.51 0.00	27.70 -0.86 0.00	26.03 -0.45 0.00	24.84 -0.61 0.00	25.40 -0.76 0.00
CHATEAUG_WT_PWR 323614	28.11 -1.23 0.00	27.12 -0.95 0.00	26.78 -0.69 0.00	26.93 -0.58 0.00	27.23 -0.28 0.00	36.00 -0.22 0.00	53.46 0.27 0.00	57.19 0.23 0.00	45.59 0.14 0.00	39.68 0.16 0.00	36.18 0.25 0.00	33.70 -0.10 0.00	30.63 -0.28 0.00	30.54 -0.25 0.00	27.74 -0.22 0.00	28.49 -0.23 0.00	27.67 -0.08 0.00	30.91 -0.22 0.00	23.49 -0.36 0.00	24.82 -0.58 0.00	27.65 -0.92 0.00	25.97 -0.50 0.00	24.78 -0.66 0.00	25.38 -0.78 0.00
CHAT_HIGH_FALL_HYD 323578	28.22 -1.11 0.00	27.21 -0.87 0.00	26.83 -0.63 0.00	26.99 -0.52 0.00	27.26 -0.25 0.00	36.03 -0.18 0.00	53.57 0.37 0.00	57.36 0.40 0.00	45.72 0.27 0.00	39.76 0.24 0.00	36.25 0.32 0.00	33.76 -0.03 0.00	30.70 -0.21 0.00	30.57 -0.21 0.00	27.79 -0.17 0.00	28.55 -0.17 0.00	27.76 0.00 0.00	31.01 -0.12 0.00	23.58 -0.26 0.00	24.89 -0.51 0.00	27.73 -0.83 0.00	26.03 -0.45 0.00	24.84 -0.61 0.00	25.40 -0.76 0.00
CHAUTAUQUA___LFGE 323629	32.39 -0.70 -3.76	30.19 -0.93 -3.04	28.71 -1.10 -2.35	28.52 -1.29 -2.30	28.44 -1.37 -2.31	35.92 -1.52 -1.23	52.48 -2.77 -2.06	56.56 -3.48 -3.08	46.70 -2.50 -3.75	41.26 -2.10 -3.84	37.82 -1.80 -3.69	36.34 -1.59 -4.13	34.42 -1.39 -4.90	34.62 -1.42 -5.25	33.61 -1.29 -6.94	34.31 -1.41 -6.99	35.15 -1.55 -8.95	44.73 -1.40 -15.00	38.06 -1.26 -15.49	33.81 -1.40 -9.81	33.40 -1.40 -6.24	31.57 -1.51 -6.60	31.00 -1.32 -6.88	30.90 -1.18 -5.91
CHERRYST_13_KV_LD 356241	46.60 2.14 -15.12	42.28 1.99 -12.21	38.85 1.95 -9.43	38.67 1.90 -9.26	38.68 1.87 -9.30	43.64 2.50 -4.92	65.30 3.83 -8.28	75.28 4.50 -13.82	65.89 3.59 -16.85	59.71 2.96 -17.22	55.12 2.62 -16.57	53.69 2.57 -17.32	52.93 2.32 -19.69	54.13 2.22 -21.13	57.80 1.93 -27.91	59.09 1.95 -28.41	70.48 2.05 -40.68	101.10 2.33 -67.63	95.51 1.72 -69.95	71.46 1.78 -44.28	58.54 1.80 -28.18	57.89 1.62 -29.80	54.90 1.55 -27.90	51.90 1.65 -24.09
CHESTROR_138KV_BK263 355645	44.98 1.58 -14.06	40.92 1.49 -11.36	37.66 1.43 -8.77	37.53 1.40 -8.62	37.53 1.38 -8.65	42.61 1.81 -4.58	63.66 2.77 -7.70	72.95 3.13 -12.85	63.58 2.45 -15.67	57.51 1.98 -16.02	53.10 1.76 -15.41	51.60 1.69 -16.11	50.74 1.51 -18.31	51.92 1.48 -19.65	55.23 1.31 -25.96	56.47 1.32 -26.42	66.91 1.33 -37.83	95.58 1.56 -62.90	90.04 1.14 -65.05	67.77 1.19 -41.18	56.05 1.29 -26.21	55.36 1.17 -27.71	52.48 1.09 -25.94	49.76 1.18 -22.43
CH_MIDHUDSON___DRP 24192	46.78 1.94 -15.50	42.42 1.82 -12.52	38.87 1.73 -9.68	38.75 1.73 -9.50	38.75 1.71 -9.53	43.48 2.21 -5.05	65.09 3.40 -8.49	74.89 3.76 -14.17	65.78 3.05 -17.28	59.67 2.49 -17.66	55.15 2.23 -16.99	53.62 2.06 -17.76	53.00 1.89 -20.20	54.31 1.85 -21.67	58.24 1.65 -28.63	59.55 1.69 -29.13	71.16 1.69 -41.71	102.45 1.96 -69.36	97.06 1.48 -71.74	72.33 1.52 -45.41	59.09 1.63 -28.90	58.55 1.51 -30.56	55.48 1.42 -28.61	52.36 1.49 -24.71

CH_MISC_IPPS 23765	46.62 2.08 -15.20	42.29 1.94 -12.28	38.79 1.84 -9.49	38.67 1.84 -9.32	38.67 1.82 -9.35	43.56 2.39 -4.96	65.18 3.67 -8.32	74.84 3.99 -13.89	65.52 3.13 -16.94	59.44 2.61 -17.31	54.85 2.26 -16.65	53.31 2.10 -17.41	52.63 1.92 -19.80	53.94 1.91 -21.24	57.72 1.71 -28.06	59.15 1.75 -28.68	70.61 1.78 -41.08	101.55 2.12 -68.30	96.07 1.60 -70.63	71.71 1.60 -44.71	58.70 1.68 -28.45	58.15 1.59 -30.09	55.11 1.50 -28.17	51.96 1.57 -24.23
CH_RES_BVR_FALLS 23983	28.90 -0.44 0.00	27.68 -0.39 0.00	27.16 -0.30 0.00	27.24 -0.28 0.00	27.29 -0.22 0.00	35.85 -0.36 0.00	52.66 -0.53 0.00	56.34 -0.63 0.00	44.81 -0.64 0.00	38.93 -0.59 0.00	35.32 -0.61 0.00	33.09 -0.71 0.00	30.26 -0.65 0.00	30.14 -0.65 0.00	27.40 -0.56 0.00	28.18 -0.55 0.00	27.28 -0.47 0.00	30.51 -0.62 0.00	23.32 -0.52 0.00	24.79 -0.61 0.00	27.76 -0.80 0.00	25.79 -0.69 0.00	24.78 -0.66 0.00	25.45 -0.71 0.00
CH_RES_NIAGARA 23895	30.92 -1.94 -3.52	28.95 -1.97 -2.84	27.51 -2.14 -2.20	27.39 -2.28 -2.16	27.31 -2.37 -2.16	34.61 -2.75 -1.15	50.28 -4.84 -1.93	53.46 -6.27 -2.76	44.27 -4.54 -3.37	39.13 -3.83 -3.44	35.90 -3.34 -3.31	34.66 -2.94 -3.80	32.87 -2.63 -4.58	33.05 -2.65 -4.92	32.08 -2.38 -6.50	32.80 -2.47 -6.55	33.14 -2.66 -8.05	41.96 -2.71 -13.54	35.64 -2.19 -13.99	31.87 -2.39 -8.86	31.69 -2.51 -5.64	29.95 -2.49 -5.96	29.71 -2.19 -6.46	29.70 -2.01 -5.56
CH_RES_SYRACUSE 23985	32.11 -0.09 -2.86	30.25 -0.14 -2.31	29.05 -0.19 -1.78	29.07 -0.19 -1.75	29.02 -0.25 -1.76	36.89 -0.25 -0.93	54.28 -0.48 -1.57	59.23 -0.34 -2.61	48.41 -0.23 -3.19	42.62 -0.16 -3.26	38.95 -0.11 -3.13	37.04 -0.03 -3.28	34.64 0.00 -3.73	34.75 -0.03 -4.00	33.21 -0.03 -5.28	34.04 0.00 -5.32	35.30 -0.08 -7.62	43.75 -0.06 -12.68	36.79 -0.05 -12.99	33.62 0.00 -8.22	33.94 0.14 -5.23	32.07 0.05 -5.53	30.68 0.05 -5.18	30.64 0.03 -4.46
CLINTON_WT_PWR 323605	28.11 -1.23 0.00	27.12 -0.95 0.00	26.78 -0.69 0.00	26.93 -0.58 0.00	27.23 -0.28 0.00	36.00 -0.22 0.00	53.46 0.27 0.00	57.19 0.23 0.00	45.59 0.14 0.00	39.68 0.16 0.00	36.18 0.25 0.00	33.70 -0.10 0.00	30.63 -0.28 0.00	30.54 -0.25 0.00	27.74 -0.22 0.00	28.49 -0.23 0.00	27.67 -0.08 0.00	30.91 -0.22 0.00	23.49 -0.36 0.00	24.82 -0.58 0.00	27.65 -0.92 0.00	25.97 -0.50 0.00	24.78 -0.66 0.00	25.38 -0.78 0.00
CLINTON__LFGE 323618	28.52 -0.82 0.00	27.48 -0.59 0.00	27.05 -0.41 0.00	27.18 -0.33 0.00	27.48 -0.03 0.00	36.32 0.11 0.00	54.36 1.17 0.00	58.21 1.25 0.00	46.27 0.82 0.00	40.19 0.67 0.00	36.72 0.79 0.00	34.10 0.30 0.00	31.01 0.09 0.00	30.88 0.09 0.00	28.13 0.17 0.00	28.93 0.20 0.00	28.17 0.42 0.00	31.60 0.47 0.00	23.99 0.14 0.00	25.30 -0.10 0.00	28.10 -0.46 0.00	26.43 -0.05 0.00	25.09 -0.36 0.00	25.61 -0.55 0.00
COBBLENY_34_KV_TB1 80064	32.08 -1.00 -3.74	29.89 -1.21 -3.02	28.47 -1.32 -2.33	28.32 -1.49 -2.29	28.26 -1.54 -2.30	35.84 -1.59 -1.22	52.21 -3.03 -2.05	56.20 -3.82 -3.05	46.30 -2.86 -3.71	40.94 -2.37 -3.79	37.51 -2.08 -3.66	36.04 -1.86 -4.10	34.17 -1.61 -4.87	34.44 -1.57 -5.22	33.40 -1.45 -6.90	34.23 -1.52 -7.02	35.15 -1.64 -9.03	44.73 -1.53 -15.13	38.13 -1.29 -15.57	33.91 -1.35 -9.86	33.41 -1.43 -6.28	31.53 -1.59 -6.64	30.89 -1.45 -6.90	30.71 -1.31 -5.86
COFFEEN__115KV_TB3 355620	30.97 0.00 -1.63	29.36 -0.03 -1.32	28.37 -0.11 -1.02	28.48 -0.03 -1.00	28.40 -0.11 -1.00	36.77 0.04 -0.52	54.78 0.69 -0.89	59.19 0.74 -1.49	47.50 0.23 -1.82	41.26 -0.12 -1.86	37.54 -0.18 -1.79	35.53 -0.14 -1.87	32.85 -0.19 -2.12	32.94 -0.12 -2.28	30.94 -0.03 -3.01	31.97 0.17 -3.07	32.46 0.31 -4.40	38.72 0.28 -7.31	31.90 0.50 -7.56	30.79 0.61 -4.79	32.15 0.54 -3.05	29.99 0.29 -3.22	28.66 0.20 -3.01	28.86 0.13 -2.57
COLDSPRG_115KV_BK1 355956	32.73 -0.44 -3.83	30.44 -0.73 -3.10	29.03 -0.82 -2.39	28.82 -1.05 -2.35	28.74 -1.13 -2.36	36.34 -1.12 -1.25	53.27 -2.02 -2.10	57.69 -2.45 -3.18	47.45 -1.86 -3.86	41.92 -1.54 -3.94	38.37 -1.37 -3.81	36.74 -1.28 -4.22	34.79 -1.11 -4.99	35.04 -1.11 -5.36	33.98 -1.06 -7.08	34.73 -1.21 -7.21	35.89 -1.25 -9.38	45.84 -1.00 -15.70	39.04 -0.98 -16.17	34.62 -1.02 -10.24	34.02 -1.06 -6.52	32.13 -1.24 -6.89	31.35 -1.17 -7.08	31.13 -1.05 -6.01
COLONIE_LFGE__ 323577	50.12 1.73 -19.05	45.12 1.66 -15.39	40.97 1.62 -11.89	40.78 1.60 -11.67	40.84 1.62 -11.71	45.94 2.14 -7.59	66.86 3.25 -10.42	77.72 3.36 -17.40	69.39 2.73 -21.21	63.42 2.21 -21.68	58.69 1.90 -20.86	57.36 1.76 -21.81	57.34 1.64 -24.79	59.02 1.63 -26.61	64.61 1.51 -35.14	66.10 1.58 -35.80	80.61 1.53 -51.33	118.18 1.71 -85.34	113.41 1.31 -88.26	82.67 1.40 -55.87	65.63 1.51 -35.55	65.45 1.38 -37.60	61.92 1.27 -35.20	57.75 1.31 -30.28
COOPERNY_115KV_TB1 80082	41.85 1.29 -11.22	38.34 1.21 -9.06	35.62 1.15 -7.00	35.51 1.13 -6.87	35.51 1.10 -6.90	41.37 1.48 -3.67	61.62 2.29 -6.14	69.78 2.56 -10.25	59.95 2.00 -12.50	53.92 1.62 -12.78	49.66 1.44 -12.29	48.04 1.39 -12.85	46.79 1.27 -14.61	47.67 1.20 -15.68	49.74 1.06 -20.71	50.78 0.98 -21.08	58.91 0.97 -30.18	82.47 1.15 -50.19	76.59 0.83 -51.91	59.15 0.89 -32.86	50.44 0.97 -20.91	49.46 0.87 -22.11	46.96 0.81 -20.70	45.52 0.89 -18.47
COPENHAGEN_WT_PWR 323753	30.82 -0.20 -1.69	29.21 -0.23 -1.36	28.21 -0.30 -1.05	28.32 -0.22 -1.03	28.24 -0.30 -1.04	36.50 -0.25 -0.54	54.22 0.11 -0.92	58.62 0.11 -1.54	47.15 -0.18 -1.88	41.01 -0.43 -1.92	37.35 -0.43 -1.85	35.36 -0.37 -1.93	32.71 -0.40 -2.20	32.81 -0.34 -2.36	30.85 -0.22 -3.12	31.75 -0.11 -3.14	32.31 0.06 -4.50	38.58 -0.03 -7.48	31.78 0.21 -7.72	30.59 0.31 -4.89	31.99 0.31 -3.11	29.82 0.05 -3.29	28.53 0.00 -3.08	28.75 -0.05 -2.65
CORNELL____ 23752	34.65 0.73 -4.58	32.39 0.62 -3.70	30.84 0.52 -2.86	30.81 0.50 -2.81	30.76 0.44 -2.82	38.51 0.80 -1.50	56.98 1.28 -2.51	62.58 1.48 -4.14	51.63 1.14 -5.05	45.63 0.95 -5.16	41.72 0.83 -4.96	39.83 0.81 -5.22	37.59 0.71 -5.97	37.93 0.74 -6.40	37.09 0.67 -8.46	38.11 0.78 -8.61	40.64 0.69 -12.19	52.32 0.90 -20.29	45.49 0.67 -20.98	39.44 0.76 -13.28	37.95 0.94 -8.45	36.10 0.69 -8.94	34.49 0.59 -8.45	33.95 0.60 -7.19
CORONAAV_69_KV_TB1 355595	52.82 2.82 -20.67	49.59 2.64 -18.88	47.62 2.58 -17.58	48.07 2.53 -18.03	46.81 2.50 -16.79	52.19 3.33 -12.64	79.85 5.00 -21.65	89.93 5.53 -27.45	70.83 4.45 -20.93	60.30 3.56 -17.23	55.77 3.27 -16.57	54.27 3.14 -17.33	53.43 2.81 -19.70	54.66 2.74 -21.14	58.31 2.43 -27.92	72.83 2.41 -41.69	103.30 2.41 -73.13	114.40 2.77 -80.50	112.73 2.05 -86.84	107.33 2.18 -79.75	88.67 2.34 -57.77	87.39 2.12 -58.79	59.58 2.19 -31.95	52.50 2.25 -24.09
CORTLAND_115KV_TB3 80093	33.64 0.41 -3.89	31.53 0.31 -3.14	30.14 0.25 -2.43	30.15 0.25 -2.39	30.09 0.19 -2.39	37.88 0.40 -1.27	55.96 0.64 -2.13	61.24 0.74 -3.53	50.35 0.59 -4.31	44.44 0.51 -4.40	40.60 0.43 -4.24	38.69 0.44 -4.45	36.39 0.40 -5.07	36.63 0.40 -5.44	35.51 0.36 -7.19	36.47 0.43 -7.32	38.52 0.36 -10.41	48.94 0.50 -17.31	42.13 0.38 -17.91	37.19 0.46 -11.33	36.37 0.60 -7.21	34.53 0.42 -7.63	32.99 0.36 -7.19	32.63 0.37 -6.11

COXSACKIE___GT 23611	49.63 2.41 -17.88	44.88 2.36 -14.44	40.87 2.25 -11.16	40.73 2.26 -10.96	40.87 2.37 -11.00	45.41 2.90 -6.30	67.59 4.63 -9.77	77.82 4.56 -16.30	68.83 3.50 -19.88	62.49 2.65 -20.32	57.70 2.23 -19.55	56.09 1.86 -20.43	55.81 1.67 -23.23	57.41 1.69 -24.93	62.54 1.65 -32.93	64.03 1.69 -33.61	77.72 1.69 -48.27	113.48 2.09 -80.26	108.49 1.64 -83.00	79.62 1.68 -52.54	63.80 1.80 -33.44	63.48 1.64 -35.36	60.00 1.45 -33.10	56.15 1.52 -28.48
CPV_VALLEY___CC1 323721	43.80 1.32 -13.14	39.92 1.23 -10.61	36.84 1.18 -8.20	36.75 1.18 -8.05	36.74 1.16 -8.08	42.06 1.56 -4.29	62.72 2.34 -7.19	71.59 2.62 -12.01	62.09 2.00 -14.64	56.14 1.66 -14.96	51.76 1.44 -14.40	50.23 1.39 -15.05	49.29 1.27 -17.11	50.38 1.23 -18.36	53.30 1.09 -24.25	54.65 1.09 -24.83	64.40 1.08 -35.56	91.57 1.31 -59.13	85.96 0.98 -61.14	65.09 0.99 -38.70	54.25 1.06 -24.63	53.48 0.95 -26.05	50.74 0.91 -24.38	48.11 0.97 -20.98
CPV_VALLEY___CC2 323722	43.80 1.32 -13.14	39.92 1.23 -10.61	36.84 1.18 -8.20	36.75 1.18 -8.05	36.74 1.16 -8.08	42.06 1.56 -4.29	62.72 2.34 -7.19	71.59 2.62 -12.01	62.09 2.00 -14.64	56.14 1.66 -14.96	51.76 1.44 -14.40	50.23 1.39 -15.05	49.29 1.27 -17.11	50.38 1.23 -18.36	53.30 1.09 -24.25	54.65 1.09 -24.83	64.40 1.08 -35.56	91.57 1.31 -59.13	85.96 0.98 -61.14	65.09 0.99 -38.70	54.25 1.06 -24.63	53.48 0.95 -26.05	50.74 0.91 -24.38	48.11 0.97 -20.98
CRESCENT___HYD 24018	50.12 1.73 -19.05	45.12 1.66 -15.39	40.97 1.62 -11.89	40.78 1.60 -11.67	40.84 1.62 -11.71	45.94 2.14 -7.59	66.86 3.25 -10.42	77.72 3.36 -17.40	69.39 2.73 -21.21	63.42 2.21 -21.68	58.69 1.90 -20.86	57.36 1.76 -21.81	57.34 1.64 -24.79	59.02 1.63 -26.61	64.61 1.51 -35.14	66.10 1.58 -35.80	80.61 1.53 -51.33	118.18 1.71 -85.34	113.41 1.31 -88.26	82.67 1.40 -55.87	65.63 1.51 -35.55	65.45 1.38 -37.60	61.92 1.27 -35.20	57.75 1.31 -30.28
CRICKET___VALLEY_CC1 323756	47.11 1.82 -15.96	42.68 1.71 -12.89	39.07 1.65 -9.96	38.91 1.62 -9.78	38.92 1.59 -9.81	43.61 2.17 -5.22	65.12 3.19 -8.74	74.96 3.42 -14.58	66.05 2.82 -17.78	60.06 2.37 -18.17	55.45 2.05 -17.48	54.03 1.96 -18.27	53.48 1.79 -20.78	54.87 1.78 -22.30	59.00 1.59 -29.45	60.39 1.61 -30.06	72.34 1.53 -43.06	104.53 1.80 -71.60	99.21 1.33 -74.04	73.66 1.40 -46.87	59.87 1.48 -29.83	59.42 1.40 -31.54	56.32 1.35 -29.53	52.97 1.41 -25.40
CRICKET___VALLEY_CC2 323757	47.11 1.82 -15.96	42.68 1.71 -12.89	39.07 1.65 -9.96	38.91 1.62 -9.78	38.92 1.59 -9.81	43.61 2.17 -5.22	65.12 3.19 -8.74	74.96 3.42 -14.58	66.05 2.82 -17.78	60.06 2.37 -18.17	55.45 2.05 -17.48	54.03 1.96 -18.27	53.48 1.79 -20.78	54.87 1.78 -22.30	59.00 1.59 -29.45	60.39 1.61 -30.06	72.34 1.53 -43.06	104.53 1.80 -71.60	99.21 1.33 -74.04	73.66 1.40 -46.87	59.87 1.48 -29.83	59.42 1.40 -31.54	56.32 1.35 -29.53	52.97 1.41 -25.40
CRICKET___VALLEY_CC3 323758	47.11 1.82 -15.96	42.68 1.71 -12.89	39.07 1.65 -9.96	38.91 1.62 -9.78	38.92 1.59 -9.81	43.61 2.17 -5.22	65.12 3.19 -8.74	74.96 3.42 -14.58	66.05 2.82 -17.78	60.06 2.37 -18.17	55.45 2.05 -17.48	54.03 1.96 -18.27	53.48 1.79 -20.78	54.87 1.78 -22.30	59.00 1.59 -29.45	60.39 1.61 -30.06	72.34 1.53 -43.06	104.53 1.80 -71.60	99.21 1.33 -74.04	73.66 1.40 -46.87	59.87 1.48 -29.83	59.42 1.40 -31.54	56.32 1.35 -29.53	52.97 1.41 -25.40
CRUCIBLE_METL_DRP 24180	32.11 -0.09 -2.86	30.25 -0.14 -2.31	29.05 -0.19 -1.78	29.07 -0.19 -1.75	29.02 -0.25 -1.76	36.89 -0.25 -0.93	54.33 -0.43 -1.57	59.18 -0.40 -2.61	48.36 -0.27 -3.19	42.62 -0.16 -3.26	38.92 -0.14 -3.13	37.01 -0.07 -3.28	34.64 0.00 -3.73	34.75 -0.03 -4.00	33.21 -0.03 -5.28	34.07 -0.03 -5.38	35.37 -0.08 -7.70	43.87 -0.06 -12.80	37.06 -0.02 -13.24	33.80 0.03 -8.38	34.04 0.14 -5.33	32.17 0.05 -5.64	30.78 0.05 -5.28	30.69 0.03 -4.50
DAHOWA___HYDRO 323763	50.56 1.91 -19.32	45.53 1.85 -15.60	41.33 1.81 -12.05	41.16 1.82 -11.84	41.26 1.87 -11.88	46.68 2.53 -7.93	68.06 4.31 -10.56	78.92 4.33 -17.63	70.36 3.41 -21.50	63.99 2.49 -21.97	59.08 2.01 -21.14	57.69 1.79 -22.10	57.65 1.61 -25.13	59.38 1.63 -26.96	65.14 1.56 -35.61	66.69 1.69 -36.27	81.52 1.72 -52.04	119.62 1.96 -86.53	114.81 1.48 -89.49	83.67 1.63 -56.65	66.38 1.77 -36.05	66.11 1.51 -38.12	62.51 1.37 -35.69	58.20 1.33 -30.70
DANC___LFGE 323619	30.94 -0.38 -1.99	29.29 -0.39 -1.61	28.23 -0.47 -1.24	28.32 -0.41 -1.22	28.24 -0.49 -1.22	36.27 -0.58 -0.64	53.70 -0.58 -1.09	58.21 -0.57 -1.82	47.07 -0.59 -2.22	41.11 -0.67 -2.27	37.50 -0.61 -2.18	35.53 -0.54 -2.28	33.01 -0.50 -2.59	33.10 -0.46 -2.78	31.24 -0.39 -3.67	32.11 -0.32 -3.70	32.80 -0.25 -5.30	39.63 -0.31 -8.81	32.87 -0.07 -9.10	31.14 -0.03 -5.76	32.26 0.03 -3.67	30.22 -0.13 -3.88	28.92 -0.15 -3.63	29.10 -0.18 -3.12
DANSKAMMER___1 23586	46.62 2.08 -15.20	42.29 1.94 -12.28	38.79 1.84 -9.49	38.67 1.84 -9.32	38.67 1.82 -9.35	43.56 2.39 -4.96	65.18 3.67 -8.32	74.84 3.99 -13.89	65.52 3.13 -16.94	59.44 2.61 -17.31	54.85 2.26 -16.65	53.31 2.10 -17.41	52.63 1.92 -19.80	53.94 1.91 -21.24	57.72 1.71 -28.06	59.15 1.75 -28.68	70.61 1.78 -41.08	101.55 2.12 -68.30	96.07 1.60 -70.63	71.71 1.60 -44.71	58.70 1.68 -28.45	58.15 1.59 -30.09	55.11 1.50 -28.17	51.96 1.57 -24.23
DANSKAMMER___2 23589	46.62 2.08 -15.20	42.29 1.94 -12.28	38.79 1.84 -9.49	38.67 1.84 -9.32	38.67 1.82 -9.35	43.56 2.39 -4.96	65.18 3.67 -8.32	74.84 3.99 -13.89	65.52 3.13 -16.94	59.44 2.61 -17.31	54.85 2.26 -16.65	53.31 2.10 -17.41	52.63 1.92 -19.80	53.94 1.91 -21.24	57.72 1.71 -28.06	59.15 1.75 -28.68	70.61 1.78 -41.08	101.55 2.12 -68.30	96.07 1.60 -70.63	71.71 1.60 -44.71	58.70 1.68 -28.45	58.15 1.59 -30.09	55.11 1.50 -28.17	51.96 1.57 -24.23
DANSKAMMER___3 23590	46.62 2.08 -15.20	42.29 1.94 -12.28	38.79 1.84 -9.49	38.67 1.84 -9.32	38.67 1.82 -9.35	43.56 2.39 -4.96	65.18 3.67 -8.32	74.84 3.99 -13.89	65.52 3.13 -16.94	59.44 2.61 -17.31	54.85 2.26 -16.65	53.31 2.10 -17.41	52.63 1.92 -19.80	53.94 1.91 -21.24	57.72 1.71 -28.06	59.15 1.75 -28.68	70.61 1.78 -41.08	101.55 2.12 -68.30	96.07 1.60 -70.63	71.71 1.60 -44.71	58.70 1.68 -28.45	58.15 1.59 -30.09	55.11 1.50 -28.17	51.96 1.57 -24.23
DANSKAMMER___4 23591	46.62 2.08 -15.20	42.29 1.94 -12.28	38.79 1.84 -9.49	38.67 1.84 -9.32	38.67 1.82 -9.35	43.56 2.39 -4.96	65.18 3.67 -8.32	74.84 3.99 -13.89	65.52 3.13 -16.94	59.44 2.61 -17.31	54.85 2.26 -16.65	53.31 2.10 -17.41	52.63 1.92 -19.80	53.94 1.91 -21.24	57.72 1.71 -28.06	59.15 1.75 -28.68	70.61 1.78 -41.08	101.55 2.12 -68.30	96.07 1.60 -70.63	71.71 1.60 -44.71	58.70 1.68 -28.45	58.15 1.59 -30.09	55.11 1.50 -28.17	51.96 1.57 -24.23
DANSKAMMER___DIESEL 23592	46.59 2.05 -15.20	42.29 1.94 -12.28	38.79 1.84 -9.49	38.67 1.84 -9.32	38.67 1.82 -9.35	43.52 2.35 -4.96	65.14 3.62 -8.33	74.85 3.99 -13.90	65.62 3.23 -16.95	59.45 2.61 -17.32	54.89 2.30 -16.66	53.35 2.13 -17.42	52.67 1.95 -19.80	53.92 1.88 -21.25	57.74 1.71 -28.07	59.05 1.75 -28.57	70.43 1.78 -40.90	101.23 2.09 -68.01	95.76 1.57 -70.34	71.53 1.60 -44.53	58.61 1.71 -28.34	58.03 1.59 -29.97	55.00 1.50 -28.05	51.97 1.57 -24.24

DARBY___SOLAR 323810	50.49 1.88 -19.28	45.44 1.80 -15.57	41.25 1.76 -12.03	41.09 1.76 -11.81	41.18 1.82 -11.85	46.57 2.46 -7.89	67.89 4.15 -10.55	78.72 4.16 -17.61	70.23 3.32 -21.47	63.95 2.49 -21.94	59.05 2.01 -21.11	57.69 1.82 -22.07	57.64 1.64 -25.09	59.37 1.66 -26.92	65.11 1.59 -35.56	66.64 1.69 -36.22	81.39 1.69 -51.94	119.42 1.93 -86.36	114.61 1.45 -89.31	83.54 1.60 -56.53	66.25 1.71 -35.98	66.01 1.48 -38.05	62.41 1.35 -35.62	58.16 1.36 -30.64
DASHVILLE___HYD 23610	46.35 1.20 -15.80	41.96 1.12 -12.77	38.37 1.04 -9.86	38.24 1.05 -9.68	38.25 1.02 -9.72	42.78 1.30 -5.26	64.72 2.87 -8.66	74.54 3.13 -14.45	65.52 2.45 -17.62	59.54 2.02 -18.01	55.05 1.80 -17.32	53.56 1.66 -18.11	52.99 1.48 -20.59	54.33 1.45 -22.09	58.46 1.31 -29.18	59.38 0.98 -29.68	71.25 1.00 -42.50	103.00 1.21 -70.66	97.85 0.93 -73.08	72.58 0.91 -46.26	58.94 0.94 -29.44	58.54 0.93 -31.13	55.46 0.87 -29.15	52.38 0.94 -25.28
DEERFIELD_69_KV_DEERFIELD LD 355887	55.98 4.40 -22.24	52.99 4.16 -20.76	43.69 4.04 -12.19	48.32 4.02 -16.80	48.47 3.96 -17.00	56.37 5.32 -14.83	86.79 8.14 -25.46	96.85 8.89 -31.00	74.30 6.86 -21.99	62.04 5.30 -17.23	57.42 4.92 -16.57	55.79 4.66 -17.33	54.72 4.11 -19.70	56.02 4.09 -21.14	59.57 3.69 -27.92	74.30 3.88 -41.70	105.07 4.16 -73.15	116.30 4.67 -80.50	114.19 3.50 -86.85	108.89 3.73 -79.76	90.43 4.08 -57.79	88.94 3.65 -58.81	62.37 3.54 -33.39	53.90 3.64 -24.10
DELAWARE___LFGE 323621	37.82 2.02 -6.46	35.12 1.82 -5.22	33.11 1.62 -4.03	33.18 1.71 -3.96	33.05 1.57 -3.97	40.94 2.61 -2.12	61.25 4.52 -3.54	67.66 4.84 -5.86	56.41 3.82 -7.14	50.06 3.24 -7.30	45.89 2.95 -7.02	44.01 2.84 -7.38	41.71 2.38 -8.42	42.15 2.34 -9.03	41.90 2.01 -11.93	41.90 1.03 -12.14	45.92 0.92 -17.25	60.94 1.12 -28.69	54.47 0.86 -29.76	45.18 0.94 -18.84	41.61 1.06 -11.99	40.06 0.90 -12.68	38.18 0.81 -11.92	38.25 0.86 -11.22
DERFIELD_115KV_TB7 355931	29.88 0.15 -0.39	28.53 0.14 -0.32	27.84 0.14 -0.24	27.89 0.14 -0.24	27.89 0.14 -0.24	36.53 0.22 -0.10	53.78 0.37 -0.21	57.66 0.34 -0.36	46.16 0.27 -0.44	40.16 0.20 -0.44	36.54 0.18 -0.43	34.42 0.17 -0.45	31.55 0.12 -0.51	31.48 0.15 -0.55	28.79 0.11 -0.72	29.60 0.14 -0.73	28.95 0.14 -1.05	33.00 0.12 -1.75	25.77 0.12 -1.81	26.67 0.13 -1.15	29.43 0.14 -0.73	27.33 0.08 -0.77	26.27 0.10 -0.72	26.88 0.10 -0.61
DOGLEVILLE___HYD 23807	30.58 0.85 -0.39	29.29 0.90 -0.32	28.58 0.88 -0.24	28.69 0.94 -0.24	28.68 0.94 -0.24	37.65 1.34 -0.10	55.48 2.07 -0.21	59.48 2.16 -0.36	47.61 1.73 -0.44	41.43 1.46 -0.45	37.65 1.29 -0.43	35.46 1.21 -0.45	32.47 1.05 -0.51	32.38 1.05 -0.55	29.63 0.95 -0.72	30.51 1.06 -0.73	29.85 1.05 -1.04	34.07 1.21 -1.73	26.53 0.91 -1.78	27.47 0.94 -1.13	30.30 1.03 -0.72	28.14 0.90 -0.76	27.02 0.87 -0.71	27.69 0.92 -0.61
DUNKIRK___115KV_TB_200 55889	32.39 -0.70 -3.76	30.18 -0.93 -3.03	28.73 -1.07 -2.34	28.52 -1.29 -2.30	28.44 -1.38 -2.31	36.03 -1.41 -1.23	52.54 -2.71 -2.06	56.56 -3.47 -3.08	46.55 -2.64 -3.74	41.21 -2.13 -3.82	37.75 -1.87 -3.69	36.26 -1.66 -4.12	34.38 -1.42 -4.89	34.62 -1.42 -5.25	33.61 -1.29 -6.93	34.38 -1.41 -7.06	35.35 -1.50 -9.09	44.99 -1.37 -15.23	38.31 -1.22 -15.68	34.06 -1.27 -9.93	33.54 -1.34 -6.32	31.70 -1.46 -6.68	31.08 -1.30 -6.93	30.90 -1.15 -5.89
DUNKIRK___1 23563	32.39 -0.70 -3.76	30.18 -0.93 -3.03	28.73 -1.07 -2.34	28.52 -1.29 -2.30	28.44 -1.38 -2.31	36.03 -1.41 -1.23	52.54 -2.71 -2.06	56.56 -3.47 -3.08	46.55 -2.64 -3.74	41.21 -2.13 -3.82	37.75 -1.87 -3.69	36.26 -1.66 -4.12	34.38 -1.42 -4.89	34.62 -1.42 -5.25	33.61 -1.29 -6.93	34.38 -1.41 -7.06	35.35 -1.50 -9.09	44.99 -1.37 -15.23	38.31 -1.22 -15.68	34.06 -1.27 -9.93	33.54 -1.34 -6.32	31.70 -1.46 -6.68	31.08 -1.30 -6.93	30.90 -1.15 -5.89
DUNKIRK___2 23564	32.39 -0.70 -3.76	30.18 -0.93 -3.03	28.73 -1.07 -2.34	28.52 -1.29 -2.30	28.44 -1.38 -2.31	36.03 -1.41 -1.23	52.54 -2.71 -2.06	56.56 -3.47 -3.08	46.55 -2.64 -3.74	41.21 -2.13 -3.82	37.75 -1.87 -3.69	36.26 -1.66 -4.12	34.38 -1.42 -4.89	34.62 -1.42 -5.25	33.61 -1.29 -6.93	34.38 -1.41 -7.06	35.35 -1.50 -9.09	44.99 -1.37 -15.23	38.31 -1.22 -15.68	34.06 -1.27 -9.93	33.54 -1.34 -6.32	31.70 -1.46 -6.68	31.08 -1.30 -6.93	30.90 -1.15 -5.89
DUNKIRK___3 23565	32.28 -0.82 -3.76	30.07 -1.04 -3.04	28.63 -1.18 -2.35	28.47 -1.35 -2.30	28.39 -1.43 -2.31	35.92 -1.52 -1.23	52.38 -2.87 -2.06	56.40 -3.65 -3.08	46.43 -2.77 -3.75	41.06 -2.29 -3.83	37.61 -2.01 -3.70	36.13 -1.79 -4.13	34.24 -1.58 -4.90	34.50 -1.54 -5.26	33.48 -1.43 -6.94	34.27 -1.52 -7.07	35.26 -1.61 -9.12	44.91 -1.49 -15.27	38.25 -1.31 -15.72	34.01 -1.35 -9.95	33.50 -1.40 -6.34	31.64 -1.54 -6.70	31.02 -1.37 -6.94	30.83 -1.23 -5.90
DUNKIRK___4 23566	32.23 -0.82 -3.72	30.04 -1.04 -3.00	28.60 -1.18 -2.32	28.41 -1.38 -2.28	28.33 -1.46 -2.28	35.91 -1.52 -1.21	52.30 -2.93 -2.03	56.28 -3.70 -3.03	46.31 -2.82 -3.67	40.98 -2.29 -3.75	37.54 -2.01 -3.63	36.07 -1.79 -4.07	34.21 -1.55 -4.84	34.44 -1.54 -5.19	33.42 -1.40 -6.86	34.19 -1.52 -6.98	35.09 -1.61 -8.94	44.62 -1.49 -14.99	37.96 -1.31 -15.42	33.79 -1.37 -9.77	33.35 -1.43 -6.22	31.49 -1.56 -6.57	30.90 -1.40 -6.86	30.73 -1.26 -5.83
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	46.48 2.02 -15.12	42.17 1.88 -12.21	38.74 1.84 -9.44	38.59 1.82 -9.26	38.57 1.76 -9.30	43.53 2.39 -4.92	65.14 3.67 -8.28	75.00 4.22 -13.82	65.71 3.41 -16.85	59.51 2.77 -17.22	54.98 2.48 -16.57	53.49 2.37 -17.32	52.77 2.16 -19.70	54.01 2.09 -21.14	57.72 1.85 -27.91	59.00 1.87 -28.41	70.32 1.89 -40.68	100.94 2.18 -67.64	95.42 1.62 -69.96	71.39 1.70 -44.28	58.51 1.77 -28.18	57.89 1.62 -29.80	54.85 1.50 -27.90	51.85 1.60 -24.09
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	45.84 1.76 -14.74	41.64 1.66 -11.90	38.22 1.57 -9.20	38.11 1.57 -9.03	38.11 1.54 -9.06	43.01 1.99 -4.81	64.35 3.09 -8.07	73.91 3.47 -13.47	64.61 2.73 -16.43	58.52 2.21 -16.79	54.02 1.94 -16.15	52.51 1.83 -16.89	51.78 1.67 -19.20	52.99 1.60 -20.60	56.63 1.45 -27.21	57.89 1.46 -27.70	68.88 1.47 -39.65	98.80 1.74 -65.93	93.35 1.31 -68.19	69.91 1.35 -43.17	57.46 1.43 -27.47	56.85 1.32 -29.05	53.89 1.25 -27.20	51.01 1.33 -23.51
E179THST_138_KV_TB4_REV_LBMP_J 345001	46.80 2.35 -15.12	42.51 2.22 -12.21	39.09 2.20 -9.44	38.90 2.12 -9.26	38.90 2.09 -9.30	43.64 2.50 -4.92	64.93 3.46 -8.28	74.88 4.10 -13.82	65.53 3.23 -16.85	59.35 2.61 -17.22	54.83 2.34 -16.57	53.42 2.30 -17.32	52.68 2.07 -19.70	53.89 1.97 -21.14	57.55 1.68 -27.91	58.83 1.69 -28.41	70.21 1.78 -40.68	100.79 2.02 -67.64	95.30 1.50 -69.96	71.23 1.55 -44.29	58.29 1.54 -28.18	57.66 1.38 -29.80	54.77 1.42 -27.90	51.92 1.67 -24.09
E179THST_13_KV_LOAD 356214	46.92 2.46 -15.12	42.62 2.33 -12.21	39.18 2.28 -9.44	39.01 2.23 -9.26	39.01 2.20 -9.30	43.78 2.64 -4.92	65.20 3.72 -8.28	75.17 4.39 -13.82	65.76 3.45 -16.85	59.55 2.81 -17.22	55.01 2.51 -16.57	53.59 2.47 -17.32	52.83 2.23 -19.70	54.04 2.12 -21.14	57.69 1.82 -27.91	58.98 1.84 -28.41	70.38 1.94 -40.68	100.95 2.18 -67.64	95.42 1.62 -69.96	71.39 1.70 -44.29	58.43 1.69 -28.18	57.79 1.51 -29.80	54.87 1.53 -27.90	52.03 1.78 -24.09

EAST HAMPTON___GT 23717	56.47 4.90 -22.24	53.44 4.60 -20.76	44.02 4.37 -12.19	48.65 4.35 -16.80	48.80 4.29 -17.00	56.98 5.94 -14.83	87.74 9.09 -25.46	97.81 9.86 -31.00	75.16 7.73 -21.98	62.75 6.00 -17.22	57.93 5.43 -16.57	56.23 5.10 -17.33	55.06 4.45 -19.69	56.41 4.49 -21.13	60.15 4.28 -27.92	74.97 4.45 -41.79	105.80 4.75 -73.30	117.30 5.42 -80.75	115.01 4.08 -87.09	109.60 4.29 -79.91	91.07 4.63 -57.89	89.52 4.13 -58.91	62.75 3.82 -33.48	54.27 4.00 -24.11
EAST RIVER___6 23660	46.51 2.05 -15.12	42.17 1.88 -12.21	38.74 1.84 -9.43	38.56 1.79 -9.26	38.57 1.76 -9.30	43.53 2.39 -4.92	65.03 3.56 -8.28	75.05 4.27 -13.81	65.70 3.41 -16.84	59.58 2.85 -17.22	54.93 2.44 -16.56	53.55 2.43 -17.31	52.79 2.20 -19.69	54.06 2.15 -21.12	57.73 1.87 -27.90	59.07 1.84 -28.50	70.52 1.94 -40.83	101.25 2.24 -67.88	95.71 1.67 -70.20	71.51 1.68 -44.44	58.52 1.68 -28.28	57.86 1.48 -29.90	54.89 1.45 -27.99	51.76 1.52 -24.08
EAST RIVER___7 23524	46.51 2.05 -15.12	42.17 1.88 -12.21	38.74 1.84 -9.43	38.56 1.79 -9.26	38.57 1.76 -9.30	43.53 2.39 -4.92	65.03 3.56 -8.28	75.05 4.27 -13.81	65.70 3.41 -16.84	59.58 2.85 -17.22	54.93 2.44 -16.56	53.55 2.43 -17.31	52.79 2.20 -19.69	54.06 2.15 -21.12	57.73 1.87 -27.90	59.07 1.84 -28.50	70.52 1.94 -40.83	101.25 2.24 -67.88	95.71 1.67 -70.20	71.51 1.68 -44.44	58.52 1.68 -28.28	57.86 1.48 -29.90	54.89 1.45 -27.99	51.76 1.52 -24.08
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	46.39 1.97 -15.09	42.12 1.85 -12.19	38.66 1.78 -9.42	38.52 1.76 -9.25	38.52 1.73 -9.28	43.45 2.32 -4.91	65.02 3.56 -8.26	74.86 4.10 -13.79	65.54 3.27 -16.82	59.36 2.65 -17.19	54.84 2.37 -16.54	53.39 2.30 -17.29	52.64 2.07 -19.66	53.88 2.00 -21.09	57.58 1.76 -27.86	58.86 1.78 -28.36	70.16 1.80 -40.60	100.72 2.09 -67.50	95.21 1.55 -69.82	71.22 1.63 -44.20	58.37 1.69 -28.13	57.76 1.54 -29.74	54.74 1.45 -27.84	51.75 1.54 -24.04
EAST_HAMPTON___DIESEL 23722	56.50 4.93 -22.24	53.44 4.60 -20.76	44.02 4.37 -12.19	48.65 4.35 -16.80	48.80 4.29 -17.00	56.98 5.94 -14.83	87.74 9.09 -25.46	97.81 9.86 -31.00	75.16 7.73 -21.98	62.75 6.00 -17.22	57.93 5.43 -16.57	56.23 5.10 -17.33	55.06 4.45 -19.69	56.41 4.49 -21.13	60.15 4.28 -27.92	74.97 4.45 -41.79	105.80 4.75 -73.30	117.33 5.45 -80.75	115.01 4.08 -87.09	109.60 4.29 -79.91	91.10 4.66 -57.89	89.52 4.13 -58.91	62.77 3.84 -33.48	54.27 4.00 -24.11
EAST_PULASKI___ESR 323781	31.15 -0.47 -2.28	29.41 -0.51 -1.84	28.36 -0.52 -1.42	28.39 -0.52 -1.40	28.30 -0.61 -1.40	36.19 -0.76 -0.74	53.43 -1.01 -1.25	58.02 -1.03 -2.08	47.12 -0.86 -2.54	41.36 -0.75 -2.59	37.74 -0.68 -2.50	35.83 -0.57 -2.61	33.38 -0.49 -2.97	33.47 -0.49 -3.18	31.69 -0.48 -4.20	32.61 -0.40 -4.28	33.47 -0.42 -6.13	40.89 -0.44 -10.19	34.12 -0.26 -10.54	31.85 -0.23 -6.67	32.64 -0.17 -4.25	30.73 -0.24 -4.49	29.42 -0.23 -4.21	29.48 -0.26 -3.58
EAST_RIVER___1 323558	46.57 2.11 -15.12	42.22 1.94 -12.21	38.76 1.87 -9.43	38.62 1.84 -9.26	38.62 1.82 -9.30	43.56 2.43 -4.92	65.19 3.72 -8.28	75.10 4.33 -13.81	65.70 3.41 -16.84	59.58 2.85 -17.22	54.93 2.44 -16.56	53.55 2.43 -17.31	52.79 2.20 -19.69	54.03 2.12 -21.12	57.71 1.85 -27.90	59.07 1.84 -28.50	70.52 1.94 -40.83	101.28 2.27 -67.88	95.73 1.69 -70.20	71.54 1.70 -44.44	58.55 1.71 -28.28	57.92 1.54 -29.90	54.92 1.48 -27.99	51.81 1.57 -24.08
EAST_RIVER___2 323559	46.51 2.05 -15.12	42.17 1.88 -12.21	38.74 1.84 -9.43	38.56 1.79 -9.26	38.57 1.76 -9.30	43.53 2.39 -4.92	65.03 3.56 -8.28	75.05 4.27 -13.81	65.70 3.41 -16.84	59.58 2.85 -17.22	54.93 2.44 -16.56	53.55 2.43 -17.31	52.79 2.20 -19.69	54.06 2.15 -21.12	57.73 1.87 -27.90	59.07 1.84 -28.50	70.52 1.94 -40.83	101.25 2.24 -67.88	95.71 1.67 -70.20	71.51 1.68 -44.44	58.52 1.68 -28.28	57.86 1.48 -29.90	54.89 1.45 -27.99	51.76 1.52 -24.08
EAST___DELAWARE_HYD 23607	44.02 1.20 -13.48	40.09 1.12 -10.89	36.89 1.02 -8.41	36.82 1.05 -8.26	36.82 1.02 -8.29	41.95 1.30 -4.44	62.75 2.18 -7.38	71.67 2.39 -12.31	62.24 1.77 -15.02	56.25 1.38 -15.35	51.77 1.08 -14.76	50.21 0.98 -15.43	49.33 0.86 -17.55	50.48 0.86 -18.83	53.61 0.78 -24.87	54.79 0.00 -26.06	65.23 0.14 -37.34	93.52 0.31 -62.08	88.28 0.24 -64.20	66.19 0.15 -40.64	54.48 0.06 -25.86	54.59 0.77 -27.35	51.76 0.71 -25.60	48.97 0.78 -22.02
EIGHT_POINT___WT_PWR 323820	33.58 -0.15 -4.39	31.34 -0.28 -3.54	29.81 -0.38 -2.74	29.73 -0.47 -2.69	29.63 -0.58 -2.70	37.18 -0.47 -1.44	54.37 -1.22 -2.40	59.29 -1.54 -3.87	48.98 -1.18 -4.71	43.23 -1.11 -4.82	39.63 -0.93 -4.64	37.94 -0.81 -4.95	35.92 -0.71 -5.71	36.24 -0.68 -6.13	35.50 -0.56 -8.10	36.22 -0.66 -8.15	38.32 -0.83 -11.39	49.31 -0.81 -18.99	42.47 -0.76 -19.39	36.89 -0.79 -12.28	35.66 -0.71 -7.81	33.92 -0.82 -8.26	32.68 -0.76 -8.00	32.39 -0.65 -6.88
ELBRIDGE_115KV_TB2 80188	32.09 -0.21 -2.96	30.21 -0.25 -2.39	29.00 -0.30 -1.85	29.00 -0.33 -1.81	28.97 -0.36 -1.82	36.78 -0.40 -0.96	54.17 -0.64 -1.62	59.04 -0.63 -2.70	48.25 -0.50 -3.30	42.53 -0.36 -3.37	38.85 -0.32 -3.24	36.95 -0.24 -3.39	34.58 -0.19 -3.85	34.73 -0.18 -4.14	33.23 -0.20 -5.46	34.11 -0.17 -5.56	35.50 -0.22 -7.96	44.15 -0.22 -13.24	37.37 -0.17 -13.69	33.94 -0.13 -8.67	34.05 -0.03 -5.52	32.21 -0.11 -5.83	30.81 -0.10 -5.46	30.71 -0.10 -4.65
ELEC_TRO_TEK 24086	51.43 2.61 -19.48	47.97 2.44 -17.45	43.94 2.39 -14.09	45.19 2.37 -15.31	44.60 2.34 -14.75	50.32 3.11 -10.99	76.66 4.68 -18.79	86.86 5.13 -24.77	69.72 4.14 -20.13	60.07 3.32 -17.23	55.55 3.05 -16.57	54.03 2.91 -17.33	53.24 2.63 -19.70	54.51 2.59 -21.14	58.17 2.29 -27.92	72.63 2.21 -41.69	103.08 2.19 -73.13	114.15 2.52 -80.50	112.57 1.88 -86.84	107.13 1.98 -79.75	88.45 2.11 -57.77	87.20 1.93 -58.79	58.29 1.98 -30.86	52.35 2.09 -24.10
ELLENBURG_WT_PWR 323604	28.11 -1.23 0.00	27.12 -0.95 0.00	26.78 -0.69 0.00	26.93 -0.58 0.00	27.23 -0.28 0.00	36.00 -0.22 0.00	53.46 0.27 0.00	57.19 0.23 0.00	45.59 0.14 0.00	39.68 0.16 0.00	36.18 0.25 0.00	33.70 -0.10 0.00	30.63 -0.28 0.00	30.54 -0.25 0.00	27.74 -0.22 0.00	28.49 -0.23 0.00	27.67 -0.08 0.00	30.91 -0.22 0.00	23.49 -0.36 0.00	24.82 -0.58 0.00	27.65 -0.92 0.00	25.97 -0.50 0.00	24.78 -0.66 0.00	25.38 -0.78 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	31.83 -1.14 -3.64	29.69 -1.32 -2.94	28.28 -1.46 -2.27	28.12 -1.62 -2.23	28.07 -1.68 -2.24	35.59 -1.81 -1.19	51.78 -3.40 -1.99	55.50 -4.39 -2.93	45.68 -3.32 -3.55	40.46 -2.69 -3.63	37.06 -2.37 -3.51	35.66 -2.10 -3.96	33.83 -1.82 -4.74	34.08 -1.79 -5.08	33.03 -1.65 -6.72	33.84 -1.72 -6.84	34.55 -1.86 -8.66	43.84 -1.81 -14.52	37.28 -1.50 -14.94	33.28 -1.57 -9.46	32.90 -1.69 -6.02	31.07 -1.77 -6.37	30.58 -1.58 -6.71	30.46 -1.41 -5.71
EMPIRE_CC_1 323656	49.09 1.55 -18.19	44.26 1.49 -14.70	40.27 1.45 -11.35	40.09 1.43 -11.15	40.13 1.43 -11.19	44.30 1.88 -6.20	65.80 2.66 -9.95	76.36 2.79 -16.61	67.98 2.27 -20.26	62.12 1.90 -20.70	57.53 1.69 -19.92	56.21 1.59 -20.82	56.07 1.48 -23.68	57.67 1.48 -25.41	62.86 1.34 -33.55	64.31 1.38 -34.20	78.07 1.28 -49.04	114.07 1.40 -81.54	109.24 1.07 -84.32	79.95 1.17 -53.38	63.78 1.26 -33.97	63.56 1.16 -35.92	60.17 1.09 -33.63	56.21 1.12 -28.93

EMPIRE_CC_2 323658	49.09 1.55 -18.19	44.26 1.49 -14.70	40.27 1.45 -11.35	40.09 1.43 -11.15	40.13 1.43 -11.19	44.30 1.88 -6.20	65.80 2.66 -9.95	76.36 2.79 -16.61	67.98 2.27 -20.26	62.12 1.90 -20.70	57.53 1.69 -19.92	56.21 1.59 -20.82	56.07 1.48 -23.68	57.67 1.48 -25.41	62.86 1.34 -33.55	64.31 1.38 -34.20	78.07 1.28 -49.04	114.07 1.40 -81.54	109.24 1.07 -84.32	79.95 1.17 -53.38	63.78 1.26 -33.97	63.56 1.16 -35.92	60.17 1.09 -33.63	56.21 1.12 -28.93
ENORWICH_115KV_TB1 80156	37.72 2.35 -6.04	35.09 2.13 -4.88	33.13 1.89 -3.77	33.19 1.98 -3.70	33.07 1.84 -3.71	41.24 3.04 -1.98	61.87 5.37 -3.31	68.25 5.81 -5.48	56.58 4.45 -6.68	49.98 3.64 -6.82	45.80 3.31 -6.57	43.84 3.14 -6.90	41.41 2.63 -7.87	41.87 2.65 -8.44	41.46 2.35 -11.15	42.55 2.47 -11.35	46.32 2.44 -16.13	60.91 2.96 -26.83	53.79 2.19 -27.75	45.36 2.39 -17.57	42.43 2.68 -11.18	40.34 2.04 -11.82	38.40 1.81 -11.15	36.95 1.86 -8.93
ERIE_ST__34_KV_TB1-2 80199	31.83 -1.20 -3.70	29.66 -1.40 -2.99	28.26 -1.51 -2.31	28.10 -1.68 -2.26	28.02 -1.76 -2.27	35.54 -1.88 -1.21	51.87 -3.35 -2.02	55.93 -4.04 -3.01	46.02 -3.09 -3.66	40.69 -2.57 -3.74	37.23 -2.30 -3.61	35.75 -2.10 -4.05	33.90 -1.82 -4.81	34.17 -1.79 -5.17	33.14 -1.65 -6.82	33.92 -1.75 -6.95	34.82 -1.83 -8.89	44.29 -1.74 -14.91	37.73 -1.45 -15.34	33.62 -1.50 -9.71	33.15 -1.60 -6.18	31.27 -1.75 -6.54	30.61 -1.65 -6.82	30.44 -1.52 -5.80
ERIE_WT_PWR 323693	32.02 -1.00 -3.68	29.87 -1.18 -2.97	28.44 -1.32 -2.29	28.28 -1.49 -2.25	28.20 -1.57 -2.26	35.71 -1.70 -1.20	52.07 -3.14 -2.01	55.95 -3.99 -2.98	46.22 -2.86 -3.63	40.82 -2.41 -3.71	37.38 -2.12 -3.57	35.96 -1.86 -4.02	34.06 -1.64 -4.79	34.29 -1.63 -5.14	33.27 -1.48 -6.79	33.99 -1.58 -6.84	34.68 -1.75 -8.67	44.02 -1.65 -14.54	37.45 -1.41 -15.02	33.36 -1.55 -9.51	33.04 -1.57 -6.05	31.24 -1.64 -6.40	30.70 -1.48 -6.73	30.64 -1.31 -5.79
ESPRGFLD_115KV_TB1 80157	29.88 0.94 0.39	28.63 0.87 0.32	28.01 0.80 0.25	28.10 0.83 0.24	28.09 0.83 0.24	39.81 1.34 -2.26	55.53 2.55 0.22	59.16 2.56 0.36	46.88 1.86 0.44	40.46 1.38 0.45	36.65 1.15 0.43	34.43 1.08 0.45	31.27 0.87 0.51	31.10 0.86 0.55	28.05 0.81 0.73	29.32 1.18 0.58	28.09 1.17 0.83	31.21 1.46 1.39	23.45 1.12 1.52	25.68 1.24 0.96	29.32 1.37 0.61	26.86 1.03 0.65	25.74 0.87 0.57	25.47 0.84 1.52
ETNA_115_KV_TB1_REV_LBMP_C 345029	34.59 0.67 -4.57	32.33 0.56 -3.69	30.78 0.47 -2.85	30.78 0.47 -2.80	30.71 0.39 -2.81	38.44 0.72 -1.50	56.87 1.17 -2.51	62.47 1.37 -4.14	51.54 1.05 -5.05	45.55 0.87 -5.16	41.64 0.75 -4.96	39.73 0.71 -5.22	37.52 0.65 -5.96	37.82 0.65 -6.39	37.02 0.62 -8.44	38.01 0.69 -8.60	40.58 0.64 -12.19	52.22 0.81 -20.28	45.43 0.62 -20.97	39.39 0.71 -13.28	37.89 0.89 -8.45	36.05 0.64 -8.93	34.45 0.56 -8.44	33.86 0.55 -7.16
ETNA_____115KV_TB2 80207	34.59 0.67 -4.57	32.33 0.56 -3.69	30.78 0.47 -2.85	30.78 0.47 -2.80	30.71 0.39 -2.81	38.44 0.72 -1.50	56.87 1.17 -2.51	62.47 1.37 -4.14	51.54 1.05 -5.05	45.55 0.87 -5.16	41.64 0.75 -4.96	39.73 0.71 -5.22	37.52 0.65 -5.96	37.82 0.65 -6.39	37.02 0.62 -8.44	38.01 0.69 -8.60	40.58 0.64 -12.19	52.22 0.81 -20.28	45.43 0.62 -20.97	39.39 0.71 -13.28	37.89 0.89 -8.45	36.05 0.64 -8.93	34.45 0.56 -8.44	33.86 0.55 -7.16
EUCLID___115KV_TB2 356179	31.45 -0.50 -2.61	29.65 -0.53 -2.11	28.51 -0.58 -1.63	28.54 -0.58 -1.60	28.48 -0.63 -1.61	36.26 -0.80 -0.85	53.40 -1.22 -1.43	58.04 -1.31 -2.39	47.36 -1.00 -2.91	41.67 -0.83 -2.98	38.07 -0.72 -2.86	36.18 -0.61 -2.99	33.79 -0.53 -3.40	33.91 -0.52 -3.65	32.31 -0.48 -4.82	33.15 -0.49 -4.91	34.26 -0.53 -7.03	42.26 -0.56 -11.69	35.53 -0.41 -12.09	32.67 -0.38 -7.65	33.17 -0.26 -4.87	31.31 -0.32 -5.15	29.99 -0.28 -4.82	29.98 -0.29 -4.11
E_CANADA_CAP_HY 24051	54.02 1.14 -23.54	48.21 1.12 -19.01	43.22 1.07 -14.69	43.04 1.10 -14.42	43.17 1.18 -14.48	46.63 1.81 -8.60	69.44 3.30 -12.95	81.77 3.19 -21.62	74.08 2.27 -26.36	67.96 1.50 -26.94	62.92 1.08 -25.92	61.91 1.01 -27.10	62.52 0.80 -30.81	64.70 0.86 -33.06	72.52 0.89 -43.66	74.09 1.21 -44.16	90.94 1.28 -61.91	135.62 1.56 -102.94	131.49 1.19 -106.45	94.13 1.35 -67.39	72.90 1.46 -42.88	72.94 1.11 -45.35	68.79 0.89 -42.45	63.49 0.81 -36.52
E_CANADA_MHWK_HY 24050	30.58 0.85 -0.39	29.29 0.90 -0.32	28.58 0.88 -0.24	28.69 0.94 -0.24	28.68 0.94 -0.24	37.65 1.34 -0.10	55.48 2.07 -0.21	59.48 2.16 -0.36	47.61 1.73 -0.44	41.43 1.46 -0.45	37.65 1.29 -0.43	35.46 1.21 -0.45	32.47 1.05 -0.51	32.38 1.05 -0.55	29.63 0.95 -0.72	30.51 1.06 -0.73	29.85 1.05 -1.04	34.07 1.21 -1.73	26.53 0.91 -1.78	27.47 0.94 -1.13	30.30 1.03 -0.72	28.14 0.90 -0.76	27.02 0.87 -0.71	27.69 0.92 -0.61
E_FISHKILL___LBMP 23776	46.56 1.82 -15.40	42.23 1.71 -12.44	38.72 1.65 -9.61	38.57 1.62 -9.44	38.58 1.60 -9.47	43.37 2.14 -5.01	64.87 3.24 -8.44	74.69 3.65 -14.08	65.53 2.91 -17.17	59.48 2.41 -17.55	54.93 2.12 -16.88	53.51 2.06 -17.65	52.83 1.85 -20.07	54.13 1.82 -21.53	57.99 1.59 -28.44	59.31 1.64 -28.94	70.81 1.61 -41.44	101.90 1.87 -68.91	96.50 1.38 -71.27	71.96 1.45 -45.12	58.81 1.54 -28.71	58.24 1.40 -30.36	55.19 1.32 -28.42	52.11 1.41 -24.54
FALCON___SEABRD_CC1 323796	28.46 -0.88 0.00	27.46 -0.62 0.00	27.05 -0.41 0.00	27.21 -0.30 0.00	27.54 0.03 0.00	36.40 0.18 0.00	54.15 0.96 0.00	57.65 0.69 0.00	45.95 0.50 0.00	39.96 0.44 0.00	36.47 0.54 0.00	33.93 0.14 0.00	30.85 -0.06 0.00	30.75 -0.03 0.00	27.93 -0.03 0.00	28.70 -0.03 0.00	27.89 0.14 0.00	31.16 0.03 0.00	23.65 -0.19 0.00	24.99 -0.41 0.00	27.82 -0.74 0.00	26.32 -0.16 0.00	25.07 -0.38 0.00	25.66 -0.50 0.00
FALCON___SEABRD_CC2 323797	28.46 -0.88 0.00	27.46 -0.62 0.00	27.05 -0.41 0.00	27.21 -0.30 0.00	27.54 0.03 0.00	36.40 0.18 0.00	54.15 0.96 0.00	57.65 0.69 0.00	45.95 0.50 0.00	39.96 0.44 0.00	36.47 0.54 0.00	33.93 0.14 0.00	30.85 -0.06 0.00	30.75 -0.03 0.00	27.93 -0.03 0.00	28.70 -0.03 0.00	27.89 0.14 0.00	31.16 0.03 0.00	23.65 -0.19 0.00	24.99 -0.41 0.00	27.82 -0.74 0.00	26.32 -0.16 0.00	25.07 -0.38 0.00	25.66 -0.50 0.00
FAR ROCKAWAY___4 23548	53.32 3.08 -20.90	50.12 2.89 -19.15	48.29 2.83 -18.00	48.72 2.78 -18.43	47.38 2.75 -17.12	52.83 3.66 -12.96	80.98 5.59 -22.20	91.07 6.15 -27.96	71.44 4.91 -21.08	60.66 3.91 -17.23	56.09 3.59 -16.57	54.57 3.45 -17.33	53.70 3.09 -19.70	54.94 3.02 -21.14	58.57 2.68 -27.92	73.11 2.70 -41.69	103.58 2.69 -73.13	114.71 3.08 -80.50	113.00 2.31 -86.84	107.59 2.44 -79.75	88.96 2.63 -57.77	87.65 2.38 -58.79	60.04 2.44 -32.15	52.74 2.49 -24.09
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	46.57 2.11 -15.12	42.25 1.97 -12.21	38.79 1.89 -9.43	38.65 1.87 -9.26	38.65 1.84 -9.30	43.56 2.43 -4.92	65.20 3.72 -8.28	75.17 4.39 -13.82	65.80 3.50 -16.85	59.59 2.85 -17.22	55.01 2.51 -16.57	53.59 2.47 -17.32	52.83 2.23 -19.69	54.07 2.15 -21.13	57.72 1.85 -27.91	59.00 1.87 -28.41	70.40 1.97 -40.68	101.00 2.24 -67.63	95.46 1.67 -69.95	71.41 1.73 -44.28	58.48 1.74 -28.18	57.87 1.59 -29.80	54.87 1.53 -27.90	51.87 1.62 -24.09

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	46.57 2.11 -15.12	42.25 1.97 -12.21	38.82 1.92 -9.43	38.65 1.87 -9.26	38.65 1.84 -9.30	43.56 2.43 -4.92	65.20 3.72 -8.28	75.17 4.39 -13.82	65.80 3.50 -16.85	59.59 2.85 -17.22	55.01 2.51 -16.57	53.59 2.47 -17.32	52.83 2.23 -19.69	54.07 2.15 -21.13	57.72 1.85 -27.91	59.00 1.87 -28.41	70.40 1.97 -40.68	101.00 2.24 -67.63	95.46 1.67 -69.95	71.41 1.73 -44.28	58.51 1.77 -28.18	57.87 1.59 -29.80	54.87 1.53 -27.90	51.87 1.62 -24.09
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	46.54 2.08 -15.12	42.22 1.94 -12.21	38.79 1.89 -9.43	38.62 1.84 -9.26	38.62 1.82 -9.30	43.56 2.43 -4.92	65.20 3.72 -8.28	75.11 4.33 -13.82	65.76 3.45 -16.85	59.59 2.85 -17.22	55.01 2.51 -16.57	53.55 2.43 -17.32	52.83 2.23 -19.69	54.04 2.12 -21.13	57.72 1.85 -27.91	59.00 1.87 -28.41	70.37 1.94 -40.68	100.97 2.21 -67.63	95.44 1.65 -69.95	71.38 1.70 -44.28	58.48 1.74 -28.18	57.84 1.56 -29.80	54.84 1.50 -27.90	51.84 1.60 -24.09
FARRAGUT___LBMP 323566	46.51 2.05 -15.12	42.22 1.94 -12.21	38.76 1.87 -9.43	38.62 1.84 -9.26	38.62 1.82 -9.30	43.53 2.39 -4.92	65.14 3.67 -8.28	75.05 4.27 -13.82	65.71 3.41 -16.85	59.55 2.81 -17.22	54.98 2.48 -16.57	53.55 2.43 -17.32	52.80 2.19 -19.69	54.01 2.09 -21.13	57.69 1.82 -27.91	58.97 1.84 -28.41	70.35 1.92 -40.68	100.94 2.18 -67.63	95.42 1.62 -69.95	71.36 1.68 -44.28	58.45 1.71 -28.18	57.81 1.54 -29.80	54.82 1.48 -27.90	51.84 1.60 -24.09
FENNER___WINDPWR 24204	32.73 0.62 -2.78	30.85 0.53 -2.24	29.66 0.47 -1.73	29.71 0.50 -1.70	29.65 0.44 -1.71	37.88 0.76 -0.90	55.99 1.27 -1.52	60.92 1.42 -2.54	49.68 1.14 -3.10	43.59 0.91 -3.16	39.80 0.83 -3.04	37.76 0.78 -3.18	35.18 0.65 -3.62	35.34 0.68 -3.88	33.70 0.61 -5.13	34.57 0.69 -5.15	35.81 0.67 -7.39	44.16 0.75 -12.28	37.08 0.60 -12.64	34.09 0.69 -8.00	34.45 0.80 -5.09	32.47 0.61 -5.38	31.02 0.54 -5.04	31.05 0.55 -4.34
FIBERTEK___ENERGY 23856	32.11 -0.09 -2.86	30.25 -0.14 -2.31	29.05 -0.19 -1.78	29.07 -0.19 -1.75	29.02 -0.25 -1.76	36.89 -0.25 -0.93	54.33 -0.43 -1.57	59.18 -0.40 -2.61	48.36 -0.27 -3.19	42.62 -0.16 -3.26	38.92 -0.14 -3.13	37.01 -0.07 -3.28	34.64 0.00 -3.73	34.75 -0.03 -4.00	33.21 -0.03 -5.28	34.07 -0.03 -5.38	35.37 -0.08 -7.70	43.87 -0.06 -12.80	37.06 -0.02 -13.24	33.80 0.03 -8.38	34.04 0.14 -5.33	32.17 0.05 -5.64	30.78 0.05 -5.28	30.69 0.03 -4.50
FITZPATRICK____ 23598	30.41 -0.97 -2.04	28.77 -0.95 -1.64	27.77 -0.96 -1.27	27.80 -0.96 -1.25	27.77 -0.99 -1.25	35.57 -1.30 -0.66	52.34 -1.30 -1.12	56.72 -1.97 -1.86	46.09 -1.63 -2.27	40.42 -1.42 -2.32	36.90 -1.26 -2.23	34.98 -1.15 -2.33	32.55 -1.02 -2.65	32.62 -1.02 -2.85	30.80 -0.92 -3.76	31.57 -0.95 -3.79	32.24 -0.94 -5.43	39.13 -1.03 -9.02	32.40 -0.79 -9.34	30.50 -0.81 -5.91	31.55 -0.77 -3.76	29.72 -0.74 -3.98	28.49 -0.69 -3.73	28.69 -0.68 -3.21
FLOWRFLD_69_KV_BK1 356044	55.19 3.64 -22.21	52.23 3.43 -20.73	43.00 3.32 -12.21	47.60 3.30 -16.78	47.80 3.30 -16.99	55.43 4.42 -14.80	85.30 6.70 -25.40	95.26 7.35 -30.95	73.15 5.73 -21.97	61.17 4.43 -17.23	56.63 4.13 -16.57	55.05 3.92 -17.33	54.11 3.49 -19.70	55.37 3.45 -21.14	59.01 3.13 -27.92	73.64 3.22 -41.70	104.26 3.36 -73.15	115.37 3.74 -80.50	113.50 2.81 -86.85	108.21 3.05 -79.76	89.63 3.28 -57.79	88.25 2.97 -58.81	61.74 2.93 -33.37	53.27 3.01 -24.10
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	46.72 2.14 -15.24	42.38 1.99 -12.31	38.90 1.92 -9.51	38.75 1.90 -9.34	38.75 1.87 -9.38	43.61 2.43 -4.97	65.32 3.78 -8.35	75.05 4.16 -13.94	65.76 3.32 -16.99	59.58 2.69 -17.37	55.01 2.37 -16.71	53.46 2.20 -17.47	52.75 1.98 -19.86	54.04 1.94 -21.31	57.87 1.76 -28.15	59.18 1.81 -28.65	70.60 1.83 -41.02	101.47 2.15 -68.20	96.03 1.65 -70.54	71.70 1.65 -44.65	58.75 1.77 -28.42	58.17 1.64 -30.05	55.13 1.55 -28.13	52.08 1.62 -24.30
FORT ORANGE____ 23900	49.39 1.29 -18.76	44.46 1.23 -15.16	40.35 1.18 -11.71	40.19 1.18 -11.50	40.26 1.21 -11.54	44.60 1.52 -6.87	65.41 1.97 -10.24	76.05 1.99 -17.10	67.89 1.59 -20.85	62.13 1.30 -21.31	57.65 1.22 -20.50	56.38 1.15 -21.43	56.33 1.05 -24.36	57.94 1.01 -26.15	63.44 0.95 -34.53	64.87 0.95 -35.19	79.13 0.81 -50.57	116.12 0.90 -84.09	111.49 0.69 -86.96	81.21 0.76 -55.05	64.39 0.80 -35.03	64.26 0.74 -37.05	60.79 0.66 -34.68	56.70 0.71 -29.83
FORT_DRUM_COGEN 23780	30.76 -0.15 -1.57	29.14 -0.20 -1.27	28.19 -0.25 -0.98	28.31 -0.17 -0.96	28.22 -0.25 -0.96	36.53 -0.18 -0.50	54.32 0.27 -0.86	58.62 0.23 -1.43	47.11 -0.09 -1.75	40.91 -0.40 -1.79	37.25 -0.40 -1.72	35.22 -0.37 -1.80	32.58 -0.37 -2.04	32.67 -0.31 -2.19	30.69 -0.17 -2.89	31.65 -0.03 -2.95	32.09 0.11 -4.22	38.15 0.00 -7.02	31.40 0.29 -7.27	30.38 0.38 -4.60	31.74 0.26 -2.93	29.68 0.11 -3.10	28.37 0.03 -2.90	28.60 -0.03 -2.47
FOX_HILLS___ESR 323835	46.69 2.23 -15.12	42.37 2.08 -12.21	38.90 2.00 -9.44	38.70 1.93 -9.26	38.70 1.90 -9.30	43.53 2.39 -4.92	64.77 3.30 -8.28	74.71 3.93 -13.82	65.44 3.14 -16.85	59.31 2.57 -17.22	54.76 2.26 -16.57	53.35 2.23 -17.32	52.62 2.01 -19.70	53.83 1.91 -21.14	57.53 1.65 -27.91	58.77 1.64 -28.41	70.27 1.83 -40.68	100.85 2.09 -67.64	95.35 1.55 -69.96	71.29 1.60 -44.29	58.29 1.54 -28.18	57.66 1.38 -29.80	54.64 1.30 -27.90	51.85 1.60 -24.09
FPL_FAR_ROCK_GT1 24212	53.34 3.11 -20.90	50.23 3.01 -19.15	48.29 2.83 -18.00	48.72 2.78 -18.43	47.38 2.75 -17.12	52.87 3.70 -12.96	81.09 5.69 -22.20	91.12 6.21 -27.95	71.48 4.95 -21.07	60.81 4.07 -17.22	56.13 3.63 -16.57	54.61 3.48 -17.33	53.66 3.06 -19.69	54.96 3.05 -21.13	58.67 2.80 -27.92	73.26 2.76 -41.78	103.79 2.75 -73.28	115.08 3.21 -80.75	113.33 2.41 -87.08	107.82 2.52 -79.90	89.11 2.68 -57.87	87.81 2.43 -58.89	60.04 2.34 -32.25	52.80 2.54 -24.10
FPL_FAR_ROCK_GT2 23815	53.34 3.11 -20.90	50.23 3.01 -19.15	48.29 2.83 -18.00	48.72 2.78 -18.43	47.38 2.75 -17.12	52.87 3.70 -12.96	81.09 5.69 -22.20	91.12 6.21 -27.95	71.48 4.95 -21.07	60.81 4.07 -17.22	56.13 3.63 -16.57	54.61 3.48 -17.33	53.66 3.06 -19.69	54.96 3.05 -21.13	58.67 2.80 -27.92	73.26 2.76 -41.78	103.79 2.75 -73.28	115.08 3.21 -80.75	113.33 2.41 -87.08	107.82 2.52 -79.90	89.11 2.68 -57.87	87.81 2.43 -58.89	60.04 2.34 -32.25	52.80 2.54 -24.10
FRANKLIN_FALL_HYD 24054	28.55 -0.79 0.00	27.49 -0.59 0.00	27.05 -0.41 0.00	27.21 -0.30 0.00	27.45 -0.06 0.00	36.14 -0.07 0.00	53.62 0.43 0.00	57.59 0.63 0.00	45.90 0.45 0.00	39.92 0.40 0.00	36.43 0.50 0.00	33.93 0.14 0.00	30.88 -0.03 0.00	30.72 -0.06 0.00	27.99 0.03 0.00	28.70 -0.03 0.00	27.89 0.14 0.00	31.19 0.06 0.00	23.77 -0.07 0.00	25.12 -0.28 0.00	27.93 -0.63 0.00	26.24 -0.24 0.00	25.04 -0.41 0.00	25.61 -0.55 0.00
FREEPORT_EQUS_GT1 23764	53.35 2.99 -21.02	50.21 2.83 -19.30	44.25 2.66 -14.13	46.82 2.64 -16.67	46.37 2.58 -16.28	52.89 3.55 -13.13	81.06 5.37 -22.50	91.01 5.81 -28.24	71.25 4.64 -21.16	60.34 3.60 -17.22	55.70 3.20 -16.57	54.20 3.08 -17.33	53.45 2.84 -19.69	54.72 2.80 -21.13	58.48 2.60 -27.92	72.98 2.47 -41.78	103.46 2.41 -73.29	114.71 2.83 -80.75	113.05 2.12 -87.09	107.49 2.18 -79.91	88.75 2.31 -57.87	87.55 2.17 -58.90	60.00 2.19 -32.37	52.64 2.38 -24.10

FREEPORT___CT2 23818	53.35	50.21	44.25	46.82	46.37	52.89	81.06	91.01	71.25	60.34	55.70	54.20	53.45	54.72	58.48	72.98	103.46	114.71	113.05	107.49	88.75	87.55	60.00	52.64
	2.99	2.83	2.66	2.64	2.58	3.55	5.37	5.81	4.64	3.60	3.20	3.08	2.84	2.80	2.60	2.47	2.41	2.83	2.12	2.18	2.31	2.17	2.19	2.38
	-21.02	-19.30	-14.13	-16.67	-16.28	-13.13	-22.50	-28.24	-21.16	-17.22	-16.57	-17.33	-19.69	-21.13	-27.92	-41.78	-73.29	-80.75	-87.09	-79.91	-57.87	-58.90	-32.37	-24.10
FRESHKLS_33_KV_LOAD 356253	46.69	42.37	38.90	38.70	38.70	43.49	64.55	74.53	65.29	59.19	54.61	53.21	52.49	53.70	57.41	58.68	70.17	100.75	95.30	71.23	58.19	57.54	54.56	51.79
	2.23	2.08	2.00	1.93	1.90	2.35	3.09	3.76	3.00	2.45	2.12	2.10	1.89	1.79	1.54	1.55	1.75	1.99	1.50	1.55	1.46	1.27	1.22	1.54
	-15.12	-12.21	-9.44	-9.26	-9.30	-4.92	-8.27	-13.81	-16.84	-17.22	-16.56	-17.32	-19.70	-21.13	-27.91	-28.40	-40.67	-67.63	-69.95	-44.28	-28.17	-29.79	-27.89	-24.09
FULTON COGEN____ 23766	31.28	29.53	28.41	28.44	28.38	36.23	53.34	57.99	47.28	41.61	37.98	36.08	33.67	33.78	32.10	32.96	33.98	41.80	35.07	32.38	32.99	31.11	29.77	29.80
	-0.56	-0.56	-0.60	-0.61	-0.66	-0.80	-1.22	-1.25	-0.95	-0.75	-0.68	-0.57	-0.49	-0.49	-0.48	-0.46	-0.50	-0.50	-0.33	-0.33	-0.23	-0.29	-0.28	-0.29
	-2.50	-2.02	-1.56	-1.53	-1.54	-0.81	-1.37	-2.28	-2.78	-2.84	-2.74	-2.86	-3.25	-3.49	-4.61	-4.69	-6.72	-11.17	-11.56	-7.32	-4.66	-4.92	-4.61	-3.93
FULTON___LFGE 323630	54.16	48.57	43.81	43.67	43.85	48.47	71.68	83.53	75.09	68.27	62.95	61.79	62.19	64.31	71.63	73.26	89.09	131.64	126.83	91.71	71.96	71.63	67.55	62.52
	2.55	2.50	2.44	2.50	2.64	3.77	6.22	6.10	4.68	3.24	2.48	2.33	2.10	2.22	2.32	2.64	2.80	3.18	2.34	2.59	2.86	2.28	1.96	1.83
	-22.28	-17.99	-13.90	-13.65	-13.70	-8.48	-12.27	-20.47	-24.96	-25.51	-24.54	-25.66	-29.17	-31.31	-41.35	-41.89	-58.54	-97.33	-100.65	-63.72	-40.55	-42.88	-40.14	-34.53
G.F.CEMENT___DRP 24184	50.63	45.56	41.37	41.20	41.32	46.78	68.49	79.29	70.60	64.21	59.18	57.76	57.74	59.48	65.31	66.72	81.53	119.67	114.86	83.74	66.42	66.07	62.47	58.25
	1.91	1.82	1.81	1.82	1.90	2.57	4.68	4.61	3.55	2.61	2.01	1.76	1.58	1.60	1.57	1.64	1.72	1.99	1.50	1.68	1.80	1.46	1.32	1.28
	-19.38	-15.65	-12.10	-11.88	-11.92	-8.00	-10.62	-17.72	-21.60	-22.08	-21.24	-22.21	-25.25	-27.09	-35.78	-36.36	-52.05	-86.55	-89.52	-56.67	-36.06	-38.14	-35.70	-30.81
GARDENVILLE___LBMP 24039	31.93	29.78	28.36	28.20	28.12	35.68	51.91	55.72	45.89	40.61	37.20	35.75	33.91	34.17	33.16	33.95	34.73	44.15	37.56	33.50	33.06	31.23	30.69	30.55
	-1.09	-1.26	-1.40	-1.57	-1.65	-1.74	-3.30	-4.22	-3.18	-2.61	-2.30	-2.06	-1.79	-1.75	-1.59	-1.69	-1.83	-1.74	-1.48	-1.52	-1.63	-1.72	-1.55	-1.39
	-3.68	-2.97	-2.30	-2.25	-2.26	-1.20	-2.02	-2.98	-3.62	-3.70	-3.57	-4.02	-4.79	-5.14	-6.79	-6.92	-8.81	-14.77	-15.19	-9.62	-6.12	-6.48	-6.79	-5.77
GARDNVLA_35_KV_LD 355827	32.07	29.89	28.46	28.31	28.23	35.82	52.12	56.01	46.12	40.81	37.38	35.92	34.06	34.32	33.29	34.08	34.88	44.32	37.70	33.61	33.21	31.35	30.81	30.64
	-0.94	-1.15	-1.29	-1.46	-1.54	-1.59	-3.09	-3.93	-2.95	-2.41	-2.12	-1.89	-1.64	-1.60	-1.45	-1.55	-1.69	-1.59	-1.36	-1.42	-1.49	-1.62	-1.42	-1.28
	-3.68	-2.97	-2.29	-2.25	-2.26	-1.20	-2.01	-2.98	-3.62	-3.70	-3.57	-4.02	-4.79	-5.14	-6.79	-6.91	-8.82	-14.78	-15.21	-9.63	-6.13	-6.48	-6.78	-5.77
GELCKHM___115KV_LOAD 80723	31.67	29.87	28.71	28.71	28.68	36.48	53.72	58.47	47.74	42.01	38.39	36.50	34.10	34.23	32.63	33.50	34.69	42.88	36.12	33.11	33.50	31.64	30.27	30.24
	-0.38	-0.39	-0.44	-0.47	-0.50	-0.62	-0.96	-0.97	-0.73	-0.59	-0.50	-0.41	-0.34	-0.34	-0.34	-0.32	-0.36	-0.37	-0.26	-0.23	-0.11	-0.19	-0.18	-0.18
	-2.71	-2.19	-1.69	-1.66	-1.67	-0.88	-1.48	-2.48	-3.02	-3.09	-2.97	-3.10	-3.53	-3.79	-5.00	-5.09	-7.29	-12.13	-12.54	-7.94	-5.05	-5.34	-5.00	-4.26
GENERAL___MILLS 23808	32.02	29.84	28.41	28.25	28.17	35.75	52.01	55.90	45.98	40.69	37.27	35.86	34.00	34.26	33.21	34.00	34.82	44.23	37.64	33.55	33.15	31.29	30.73	30.59
	-1.00	-1.21	-1.35	-1.51	-1.60	-1.67	-3.19	-4.04	-3.09	-2.53	-2.23	-1.96	-1.70	-1.66	-1.54	-1.64	-1.75	-1.68	-1.41	-1.47	-1.54	-1.67	-1.50	-1.33
	-3.68	-2.97	-2.29	-2.25	-2.26	-1.20	-2.01	-2.98	-3.62	-3.70	-3.57	-4.02	-4.79	-5.14	-6.79	-6.91	-8.81	-14.78	-15.21	-9.63	-6.13	-6.48	-6.79	-5.77
GE_PLASTICS___DRP 24183	49.46	44.53	40.41	40.25	40.28	44.51	65.62	76.32	68.14	62.45	57.94	56.66	56.65	58.27	63.77	65.09	79.18	116.12	111.45	81.25	64.49	64.35	60.89	56.95
	1.32	1.26	1.21	1.21	1.21	1.59	2.13	2.16	1.73	1.50	1.40	1.32	1.24	1.20	1.09	1.12	0.97	1.09	0.83	0.91	0.97	0.90	0.84	0.89
	-18.81	-15.19	-11.74	-11.52	-11.57	-6.70	-10.30	-17.19	-20.96	-21.42	-20.61	-21.55	-24.50	-26.29	-34.72	-35.24	-50.46	-83.90	-86.78	-54.93	-34.96	-36.97	-34.61	-29.90
GILBOA___1 23756	43.45	39.60	36.53	36.41	36.41	41.66	62.06	70.63	61.44	55.73	51.45	49.94	49.01	50.12	53.04	54.27	63.60	90.28	84.97	64.48	53.80	53.08	50.37	47.76
	1.03	0.96	0.90	0.88	0.85	1.19	1.70	1.71	1.41	1.30	1.18	1.15	1.05	1.05	0.92	0.98	0.72	0.75	0.67	0.81	0.89	0.85	0.81	0.86
	-13.09	-10.57	-8.17	-8.02	-8.05	-4.25	-7.17	-11.96	-14.58	-14.90	-14.34	-14.99	-17.04	-18.29	-24.15	-24.56	-35.12	-58.41	-60.46	-38.27	-24.36	-25.76	-24.11	-20.74
GILBOA___2 23757	43.45	39.60	36.53	36.41	36.41	41.66	62.06	70.63	61.44	55.73	51.45	49.94	49.01	50.12	53.04	54.27	63.60	90.28	84.97	64.48	53.80	53.08	50.37	47.76
	1.03	0.96	0.90	0.88	0.85	1.19	1.70	1.71	1.41	1.30	1.18	1.15	1.05	1.05	0.92	0.98	0.72	0.75	0.67	0.81	0.89	0.85	0.81	0.86
	-13.09	-10.57	-8.17	-8.02	-8.05	-4.25	-7.17	-11.96	-14.58	-14.90	-14.34	-14.99	-17.04	-18.29	-24.15	-24.56	-35.12	-58.41	-60.46	-38.27	-24.36	-25.76	-24.11	-20.74
GILBOA___3 23758	43.45	39.60	36.53	36.41	36.41	41.66	62.06	70.63	61.44	55.73	51.45	49.94	49.01	50.12	53.04	54.27	63.60	90.28	84.97	64.48	53.80	53.08	50.37	47.76
	1.03	0.96	0.90	0.88	0.85	1.19	1.70	1.71	1.41	1.30	1.18	1.15	1.05	1.05	0.92	0.98	0.72	0.75	0.67	0.81	0.89	0.85	0.81	0.86
	-13.09	-10.57	-8.17	-8.02	-8.05	-4.25	-7.17	-11.96	-14.58	-14.90	-14.34	-14.99	-17.04	-18.29	-24.15	-24.56	-35.12	-58.41	-60.46	-38.27	-24.36	-25.76	-24.11	-20.74
GILBOA___4 23759	43.45	39.60	36.53	36.41	36.41	41.66	62.06	70.63	61.44	55.73	51.45	49.94	49.01	50.12	53.04	54.27	63.60	90.28	84.97	64.48	53.80	53.08	50.37	47.76
	1.03	0.96	0.90	0.88	0.85	1.19	1.70	1.71	1.41	1.30	1.18	1.15	1.05	1.05	0.92	0.98	0.72	0.75	0.67	0.81	0.89	0.85	0.81	0.86
	-13.09	-10.57	-8.17	-8.02	-8.05	-4.25	-7.17	-11.96	-14.58	-14.90	-14.34	-14.99	-17.04	-18.29	-24.15	-24.56	-35.12	-58.41	-60.46	-38.27	-24.36	-25.76	-24.11	-20.74
GILBOA_____ 23599	43.45	39.60	36.53	36.41	36.41	41.66	62.06	70.63	61.45	55.73	51.49	49.94	49.01	50.12	53.05	54.30	63.72	90.52	85.05	64.48	53.81	53.09	50.41	47.77
	1.03	0.95	0.91	0.88	0.85	1.20	1.70	1.71	1.41	1.30	1.22	1.15	1.05	1.05	0.92	0.98	0.75	0.84	0.72	0.79	0.89	0.85	0.81	0.86
	-13.09	-10.57	-8.17	-8.02	-8.05	-4.25	-7.17	-11.96	-14.59	-14.91	-14.34	-14.99	-17.05	-18.29	-24.16	-24.60	-35.22	-58.55	-60.49	-38.29	-24.37	-25.77	-24.15	-20.75

GINNA____ 23603	30.48 -1.91 -3.05	28.60 -1.94 -2.46	27.39 -1.98 -1.90	27.32 -2.06 -1.87	27.27 -2.12 -1.88	34.71 -2.50 -0.99	51.14 -3.72 -1.67	55.74 -4.04 -2.82	45.89 -3.00 -3.44	40.55 -2.49 -3.52	37.08 -2.23 -3.38	35.38 -1.93 -3.51	33.12 -1.76 -3.97	33.26 -1.79 -4.26	31.86 -1.73 -5.63	32.65 -1.75 -5.68	34.17 -1.80 -8.22	42.98 -1.81 -13.66	36.83 -1.43 -14.42	32.95 -1.57 -9.13	32.68 -1.69 -5.81	30.90 -1.72 -6.14	29.52 -1.63 -5.70	29.42 -1.65 -4.90
GLEN PARK____ 23778	30.90 -0.06 -1.62	29.27 -0.11 -1.31	28.28 -0.19 -1.01	28.40 -0.11 -0.99	28.31 -0.19 -1.00	36.70 -0.04 -0.52	54.61 0.53 -0.89	59.02 0.57 -1.49	47.40 0.14 -1.81	41.14 -0.24 -1.85	37.46 -0.25 -1.78	35.43 -0.23 -1.86	32.75 -0.28 -2.12	32.87 -0.18 -2.27	30.85 -0.11 -3.00	31.78 0.03 -3.02	32.33 0.25 -4.33	38.52 0.19 -7.20	31.68 0.40 -7.44	30.61 0.51 -4.71	32.10 0.54 -3.00	29.86 0.21 -3.17	28.54 0.13 -2.97	28.79 0.08 -2.55
GLENDALE_27_KV_LOAD 356172	46.80 2.35 -15.12	42.48 2.19 -12.21	39.01 2.11 -9.44	38.84 2.06 -9.26	38.84 2.04 -9.30	43.75 2.61 -4.92	65.41 3.94 -8.28	75.40 4.61 -13.82	65.98 3.68 -16.85	59.75 3.00 -17.22	55.16 2.66 -16.57	53.76 2.64 -17.32	52.99 2.38 -19.70	54.20 2.28 -21.14	57.83 1.96 -27.91	59.12 1.98 -28.41	70.52 2.08 -40.68	101.13 2.37 -67.64	95.57 1.76 -69.96	71.51 1.83 -44.29	58.57 1.83 -28.18	57.92 1.64 -29.80	54.95 1.60 -27.90	52.00 1.75 -24.09
GLENWOOD_IC_1_G5 23712	51.33 2.49 -19.50	47.90 2.36 -17.47	42.72 2.31 -12.95	44.54 2.26 -14.77	44.22 2.23 -14.49	50.20 2.97 -11.01	76.33 4.31 -18.83	86.67 4.90 -24.81	69.50 3.91 -20.14	59.91 3.16 -17.23	55.41 2.91 -16.57	53.90 2.77 -17.33	53.12 2.50 -19.70	54.36 2.43 -21.14	58.03 2.15 -27.92	72.57 2.15 -41.69	103.06 2.16 -73.14	114.12 2.49 -80.50	112.54 1.86 -86.84	107.11 1.96 -79.75	88.39 2.06 -57.77	87.13 1.85 -58.79	58.16 1.83 -30.88	52.17 1.91 -24.10
GLENWOOD_IC_2_G1 23688	49.15 2.35 -17.46	45.32 2.22 -15.03	41.18 2.11 -11.60	41.95 2.09 -12.35	41.69 2.04 -12.15	47.18 2.79 -8.18	71.31 4.20 -13.92	81.85 4.67 -20.22	67.95 3.73 -18.77	59.82 3.08 -17.22	55.23 2.73 -16.57	53.79 2.67 -17.33	52.98 2.38 -19.69	54.25 2.34 -21.13	58.00 2.12 -27.92	72.58 2.07 -41.78	103.15 2.11 -73.28	114.33 2.46 -80.75	112.79 1.86 -87.08	107.21 1.91 -79.90	88.43 2.00 -57.87	87.17 1.80 -58.89	56.27 1.71 -29.12	52.09 1.83 -24.10
GLENWOOD_IC_3_G1 23689	49.15 2.35 -17.46	45.32 2.22 -15.03	41.18 2.11 -11.60	41.95 2.09 -12.35	41.69 2.04 -12.15	47.18 2.79 -8.18	71.31 4.20 -13.92	81.85 4.67 -20.22	67.95 3.73 -18.77	59.82 3.08 -17.22	55.23 2.73 -16.57	53.79 2.67 -17.33	52.98 2.38 -19.69	54.25 2.34 -21.13	58.00 2.12 -27.92	72.58 2.07 -41.78	103.15 2.11 -73.28	114.33 2.46 -80.75	112.79 1.86 -87.08	107.21 1.91 -79.90	88.43 2.00 -57.87	87.17 1.80 -58.89	56.27 1.71 -29.12	52.09 1.83 -24.10
GLENWOOD____4 23550	51.33 2.49 -19.50	47.90 2.36 -17.47	42.72 2.31 -12.95	44.54 2.26 -14.77	44.22 2.23 -14.49	50.20 2.97 -11.01	76.44 4.41 -18.83	86.73 4.96 -24.81	69.55 3.95 -20.14	59.95 3.20 -17.23	55.45 2.95 -16.57	53.96 2.84 -17.33	53.18 2.57 -19.70	54.42 2.49 -21.14	58.09 2.21 -27.92	72.60 2.18 -41.69	103.11 2.22 -73.14	114.15 2.52 -80.50	112.57 1.88 -86.84	107.13 1.98 -79.75	88.42 2.08 -57.77	87.18 1.91 -58.79	58.18 1.86 -30.88	52.22 1.96 -24.10
GLENWOOD____5 23614	51.33 2.49 -19.50	47.90 2.36 -17.47	42.72 2.31 -12.95	44.54 2.26 -14.77	44.22 2.23 -14.49	50.20 2.97 -11.01	76.44 4.41 -18.83	86.73 4.96 -24.81	69.55 3.95 -20.14	59.95 3.20 -17.23	55.45 2.95 -16.57	53.96 2.84 -17.33	53.18 2.57 -19.70	54.42 2.49 -21.14	58.09 2.21 -27.92	72.60 2.18 -41.69	103.11 2.22 -73.14	114.15 2.52 -80.50	112.57 1.88 -86.84	107.13 1.98 -79.75	88.42 2.08 -57.77	87.18 1.91 -58.79	58.18 1.86 -30.88	52.22 1.96 -24.10
GLOBAL GREEN_PORT_GT1 23814	56.41 4.84 -22.24	53.38 4.55 -20.76	43.97 4.31 -12.19	48.60 4.29 -16.80	48.75 4.23 -17.00	56.91 5.87 -14.83	87.64 8.99 -25.46	97.70 9.74 -31.00	75.07 7.63 -21.98	62.67 5.93 -17.22	57.86 5.35 -16.57	56.16 5.04 -17.33	54.99 4.39 -19.69	56.35 4.43 -21.13	60.10 4.22 -27.92	74.91 4.40 -41.79	105.75 4.69 -73.30	117.24 5.36 -80.75	114.96 4.03 -87.09	109.55 4.24 -79.91	91.04 4.60 -57.89	89.47 4.08 -58.91	62.70 3.77 -33.48	54.22 3.95 -24.11
GLOBE____DSASP 323697	30.89 -1.97 -3.52	28.87 -2.05 -2.84	27.46 -2.20 -2.19	27.30 -2.37 -2.15	27.25 -2.42 -2.16	34.61 -2.75 -1.15	50.17 -4.95 -1.93	53.28 -6.44 -2.75	43.94 -4.86 -3.35	38.95 -3.99 -3.42	35.67 -3.56 -3.30	34.49 -3.11 -3.80	32.74 -2.75 -4.58	32.96 -2.74 -4.91	31.96 -2.49 -6.49	32.78 -2.56 -6.61	33.18 -2.72 -8.15	42.05 -2.77 -13.69	35.67 -2.24 -14.07	31.97 -2.34 -8.91	31.69 -2.54 -5.67	29.93 -2.54 -6.00	29.67 -2.26 -6.49	29.61 -2.07 -5.52
GOETHSLN____LBMP 323567	46.36 1.91 -15.12	42.08 1.80 -12.21	38.63 1.73 -9.43	38.48 1.71 -9.26	38.48 1.68 -9.30	43.35 2.21 -4.92	64.88 3.40 -8.28	74.77 3.99 -13.82	65.48 3.18 -16.85	59.31 2.57 -17.22	54.80 2.30 -16.57	53.38 2.26 -17.32	52.65 2.04 -19.69	53.86 1.94 -21.13	57.52 1.65 -27.91	58.80 1.67 -28.41	70.21 1.78 -40.68	100.79 2.02 -67.63	95.30 1.50 -69.95	71.23 1.55 -44.28	58.31 1.57 -28.18	57.68 1.40 -29.80	54.69 1.35 -27.90	51.71 1.46 -24.09
GOLAH____69_KV_TB 1_2 80279	31.93 -0.56 -3.15	29.92 -0.70 -2.54	28.60 -0.82 -1.97	28.54 -0.91 -1.93	28.43 -1.02 -1.94	36.30 -0.94 -1.03	53.16 -1.76 -1.73	57.51 -2.34 -2.88	47.28 -1.68 -3.51	41.81 -1.30 -3.59	38.30 -1.08 -3.45	36.50 -0.91 -3.61	34.24 -0.77 -4.10	34.42 -0.77 -4.40	32.97 -0.81 -5.82	33.87 -0.78 -5.92	35.32 -0.92 -8.48	44.48 -0.75 -14.10	37.76 -0.67 -14.58	33.97 -0.66 -9.23	33.72 -0.71 -5.88	31.82 -0.87 -6.21	30.55 -0.71 -5.82	30.51 -0.60 -4.95
GOODYEAR_LAKE_HYD 323669	35.54 0.85 -5.35	33.16 0.76 -4.32	31.49 0.69 -3.34	31.51 0.72 -3.28	31.49 0.69 -3.29	40.09 1.09 -2.79	58.04 1.91 -2.93	63.83 1.99 -4.88	52.94 1.55 -5.95	46.90 1.30 -6.08	42.93 1.15 -5.85	41.04 1.12 -6.13	38.85 0.96 -6.98	39.19 0.92 -7.49	38.66 0.81 -9.89	40.12 1.26 -10.13	43.38 1.17 -14.46	56.58 1.40 -24.05	49.75 1.07 -24.83	42.31 1.19 -15.72	39.88 1.31 -10.00	38.09 1.03 -10.58	36.34 0.94 -9.95	34.65 0.97 -7.52
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	35.61 0.29 -5.98	33.10 0.20 -4.83	31.30 0.11 -3.73	31.26 0.08 -3.67	31.21 0.03 -3.68	38.40 0.22 -1.97	56.73 0.27 -3.28	62.66 0.28 -5.41	52.23 0.18 -6.60	46.46 0.20 -6.74	42.60 0.18 -6.49	40.83 0.20 -6.83	38.92 0.22 -7.79	39.33 0.18 -8.36	39.18 0.17 -11.05	40.12 0.14 -11.25	43.78 0.08 -15.94	57.84 0.19 -26.52	51.41 0.14 -27.42	42.96 0.20 -17.36	39.89 0.29 -11.05	38.32 0.16 -11.68	36.62 0.13 -11.04	35.71 0.18 -9.36
GOUDEY____7 23579	35.64 0.32 -5.98	33.13 0.22 -4.83	31.33 0.14 -3.73	31.29 0.11 -3.67	31.24 0.06 -3.68	38.44 0.25 -1.97	56.79 0.32 -3.28	62.71 0.34 -5.41	52.32 0.27 -6.60	46.50 0.24 -6.74	42.63 0.22 -6.49	40.89 0.27 -6.83	38.95 0.25 -7.79	39.39 0.25 -8.36	39.20 0.20 -11.05	40.14 0.17 -11.25	43.80 0.11 -15.94	57.87 0.22 -26.52	51.43 0.17 -27.42	42.99 0.23 -17.36	39.92 0.31 -11.05	38.35 0.19 -11.68	36.64 0.15 -11.04	35.73 0.21 -9.36

GOUDEY___8	35.61	33.10	31.30	31.26	31.21	38.40	56.73	62.66	52.23	46.46	42.60	40.83	38.92	39.33	39.18	40.12	43.78	57.84	51.41	42.96	39.89	38.32	36.62	35.71
23580	0.29	0.20	0.11	0.08	0.03	0.22	0.27	0.28	0.18	0.20	0.18	0.20	0.22	0.18	0.17	0.14	0.08	0.19	0.14	0.20	0.29	0.16	0.13	0.18
	-5.98	-4.83	-3.73	-3.67	-3.68	-1.97	-3.28	-5.41	-6.60	-6.74	-6.49	-6.83	-7.79	-8.36	-11.05	-11.25	-15.94	-26.52	-27.42	-17.36	-11.05	-11.68	-11.04	-9.36
GOWANUS_GT1_1	46.75	42.39	38.96	38.76	38.76	43.60	65.04	75.00	65.67	59.51	54.94	53.52	52.77	53.98	57.67	58.92	70.38	100.98	95.47	71.41	58.43	57.76	54.77	51.90
24077	2.29	2.11	2.06	1.98	1.95	2.46	3.56	4.22	3.36	2.77	2.44	2.40	2.16	2.06	1.79	1.78	1.94	2.21	1.67	1.73	1.69	1.48	1.42	1.65
	-15.12	-12.21	-9.44	-9.26	-9.30	-4.92	-8.28	-13.82	-16.85	-17.22	-16.57	-17.32	-19.70	-21.14	-27.91	-28.41	-40.68	-67.64	-69.96	-44.29	-28.18	-29.80	-27.90	-24.09
GOWANUS_GT1_2	46.75	42.39	38.96	38.76	38.76	43.60	65.04	75.00	65.67	59.51	54.94	53.52	52.77	53.98	57.67	58.92	70.38	100.98	95.47	71.41	58.43	57.76	54.77	51.90
24078	2.29	2.11	2.06	1.98	1.95	2.46	3.56	4.22	3.36	2.77	2.44	2.40	2.16	2.06	1.79	1.78	1.94	2.21	1.67	1.73	1.69	1.48	1.42	1.65
	-15.12	-12.21	-9.44	-9.26	-9.30	-4.92	-8.28	-13.82	-16.85	-17.22	-16.57	-17.32	-19.70	-21.14	-27.91	-28.41	-40.68	-67.64	-69.96	-44.29	-28.18	-29.80	-27.90	-24.09
GOWANUS_GT1_3	46.75	42.39	38.96	38.76	38.76	43.60	65.04	75.00	65.67	59.51	54.94	53.52	52.77	53.98	57.67	58.92	70.38	100.98	95.47	71.41	58.43	57.76	54.77	51.90
24079	2.29	2.11	2.06	1.98	1.95	2.46	3.56	4.22	3.36	2.77	2.44	2.40	2.16	2.06	1.79	1.78	1.94	2.21	1.67	1.73	1.69	1.48	1.42	1.65
	-15.12	-12.21	-9.44	-9.26	-9.30	-4.92	-8.28	-13.82	-16.85	-17.22	-16.57	-17.32	-19.70	-21.14	-27.91	-28.41	-40.68	-67.64	-69.96	-44.29	-28.18	-29.80	-27.90	-24.09
GOWANUS_GT1_4	46.75	42.39	38.96	38.76	38.76	43.60	65.04	75.00	65.67	59.51	54.94	53.52	52.77	53.98	57.67	58.92	70.38	100.98	95.47	71.41	58.43	57.76	54.77	51.90
24080	2.29	2.11	2.06	1.98	1.95	2.46	3.56	4.22	3.36	2.77	2.44	2.40	2.16	2.06	1.79	1.78	1.94	2.21	1.67	1.73	1.69	1.48	1.42	1.65
	-15.12	-12.21	-9.44	-9.26	-9.30	-4.92	-8.28	-13.82	-16.85	-17.22	-16.57	-17.32	-19.70	-21.14	-27.91	-28.41	-40.68	-67.64	-69.96	-44.29	-28.18	-29.80	-27.90	-24.09
GOWANUS_GT1_5	46.75	42.39	38.96	38.76	38.76	43.60	65.04	75.00	65.67	59.51	54.94	53.52	52.77	53.98	57.67	58.92	70.38	100.98	95.47	71.41	58.43	57.76	54.77	51.90
24084	2.29	2.11	2.06	1.98	1.95	2.46	3.56	4.22	3.36	2.77	2.44	2.40	2.16	2.06	1.79	1.78	1.94	2.21	1.67	1.73	1.69	1.48	1.42	1.65
	-15.12	-12.21	-9.44	-9.26	-9.30	-4.92	-8.28	-13.82	-16.85	-17.22	-16.57	-17.32	-19.70	-21.14	-27.91	-28.41	-40.68	-67.64	-69.96	-44.29	-28.18	-29.80	-27.90	-24.09
GOWANUS_GT1_6	46.75	42.39	38.96	38.76	38.76	43.60	65.04	75.00	65.67	59.51	54.94	53.52	52.77	53.98	57.67	58.92	70.38	100.98	95.47	71.41	58.43	57.76	54.77	51.90
24111	2.29	2.11	2.06	1.98	1.95	2.46	3.56	4.22	3.36	2.77	2.44	2.40	2.16	2.06	1.79	1.78	1.94	2.21	1.67	1.73	1.69	1.48	1.42	1.65
	-15.12	-12.21	-9.44	-9.26	-9.30	-4.92	-8.28	-13.82	-16.85	-17.22	-16.57	-17.32	-19.70	-21.14	-27.91	-28.41	-40.68	-67.64	-69.96	-44.29	-28.18	-29.80	-27.90	-24.09
GOWANUS_GT1_7	46.75	42.39	38.96	38.76	38.76	43.60	65.04	75.00	65.67	59.51	54.94	53.52	52.77	53.98	57.67	58.92	70.38	100.98	95.47	71.41	58.43	57.76	54.77	51.90
24112	2.29	2.11	2.06	1.98	1.95	2.46	3.56	4.22	3.36	2.77	2.44	2.40	2.16	2.06	1.79	1.78	1.94	2.21	1.67	1.73	1.69	1.48	1.42	1.65
	-15.12	-12.21	-9.44	-9.26	-9.30	-4.92	-8.28	-13.82	-16.85	-17.22	-16.57	-17.32	-19.70	-21.14	-27.91	-28.41	-40.68	-67.64	-69.96	-44.29	-28.18	-29.80	-27.90	-24.09
GOWANUS_GT1_8	46.75	42.39	38.96	38.76	38.76	43.60	65.04	75.00	65.67	59.51	54.94	53.52	52.77	53.98	57.67	58.92	70.38	100.98	95.47	71.41	58.43	57.76	54.77	51.90
24113	2.29	2.11	2.06	1.98	1.95	2.46	3.56	4.22	3.36	2.77	2.44	2.40	2.16	2.06	1.79	1.78	1.94	2.21	1.67	1.73	1.69	1.48	1.42	1.65
	-15.12	-12.21	-9.44	-9.26	-9.30	-4.92	-8.28	-13.82	-16.85	-17.22	-16.57	-17.32	-19.70	-21.14	-27.91	-28.41	-40.68	-67.64	-69.96	-44.29	-28.18	-29.80	-27.90	-24.09
GOWANUS_GT2_1	46.75	42.39	38.96	38.76	38.76	43.60	64.98	75.05	65.61	59.54	54.86	53.48	52.76	54.00	57.65	59.01	70.56	101.32	95.78	71.57	58.53	57.84	54.87	51.81
24114	2.29	2.11	2.06	1.98	1.95	2.46	3.51	4.27	3.32	2.81	2.37	2.37	2.16	2.09	1.79	1.78	1.97	2.30	1.74	1.73	1.68	1.46	1.42	1.57
	-15.12	-12.21	-9.44	-9.26	-9.30	-4.92	-8.28	-13.81	-16.85	-17.22	-16.56	-17.32	-19.69	-21.13	-27.90	-28.50	-40.83	-67.89	-70.20	-44.44	-28.28	-29.91	-28.00	-24.09
GOWANUS_GT2_2	46.75	42.39	38.96	38.76	38.76	43.60	64.98	75.05	65.61	59.54	54.86	53.48	52.76	54.00	57.65	59.01	70.56	101.32	95.78	71.57	58.53	57.84	54.87	51.81
24115	2.29	2.11	2.06	1.98	1.95	2.46	3.51	4.27	3.32	2.81	2.37	2.37	2.16	2.09	1.79	1.78	1.97	2.30	1.74	1.73	1.68	1.46	1.42	1.57
	-15.12	-12.21	-9.44	-9.26	-9.30	-4.92	-8.28	-13.81	-16.85	-17.22	-16.56	-17.32	-19.69	-21.13	-27.90	-28.50	-40.83	-67.89	-70.20	-44.44	-28.28	-29.91	-28.00	-24.09
GOWANUS_GT2_3	46.75	42.39	38.96	38.76	38.76	43.60	64.98	75.05	65.61	59.54	54.86	53.48	52.76	54.00	57.65	59.01	70.56	101.32	95.78	71.57	58.53	57.84	54.87	51.81
24116	2.29	2.11	2.06	1.98	1.95	2.46	3.51	4.27	3.32	2.81	2.37	2.37	2.16	2.09	1.79	1.78	1.97	2.30	1.74	1.73	1.68	1.46	1.42	1.57
	-15.12	-12.21	-9.44	-9.26	-9.30	-4.92	-8.28	-13.81	-16.85	-17.22	-16.56	-17.32	-19.69	-21.13	-27.90	-28.50	-40.83	-67.89	-70.20	-44.44	-28.28	-29.91	-28.00	-24.09
GOWANUS_GT2_4	46.75	42.39	38.96	38.76	38.76	43.60	64.98	75.05	65.61	59.54	54.86	53.48	52.76	54.00	57.65	59.01	70.56	101.32	95.78	71.57	58.53	57.84	54.87	51.81
24117	2.29	2.11	2.06	1.98	1.95	2.46	3.51	4.27	3.32	2.81	2.37	2.37	2.16	2.09	1.79	1.78	1.97	2.30	1.74	1.73	1.68	1.46	1.42	1.57
	-15.12	-12.21	-9.44	-9.26	-9.30	-4.92	-8.28	-13.81	-16.85	-17.22	-16.56	-17.32	-19.69	-21.13	-27.90	-28.50	-40.83	-67.89	-70.20	-44.44	-28.28	-29.91	-28.00	-24.09
GOWANUS_GT2_5	46.75	42.39	38.96	38.76	38.76	43.60	64.98	75.05	65.61	59.54	54.86	53.48	52.76	54.00	57.65	59.01	70.56	101.32	95.78	71.57	58.53	57.84	54.87	51.81
24118	2.29	2.11	2.06	1.98	1.95	2.46	3.51	4.27	3.32	2.81	2.37	2.37	2.16	2.09	1.79	1.78	1.97	2.30	1.74	1.73	1.68	1.46	1.42	1.57
	-15.12	-12.21	-9.44	-9.26	-9.30	-4.92	-8.28	-13.81	-16.85	-17.22	-16.56	-17.32	-19.69	-21.13	-27.90	-28.50	-40.83	-67.89	-70.20	-44.44	-28.28	-29.91	-28.00	-24.09
GOWANUS_GT2_6	46.75	42.39	38.96	38.76	38.76	43.60	64.98	75.05	65.61	59.54	54.86	53.48	52.76	54.00	57.65	59.01	70.56	101.32	95.78	71.57	58.53	57.84	54.87	51.81
24119	2.29	2.11	2.06	1.98	1.95	2.46	3.51	4.27	3.32	2.81	2.37	2.37	2.16	2.09	1.79	1.78	1.97	2.30	1.74	1.73	1.68	1.46	1.42	1.57
	-15.12	-12.21	-9.44	-9.26	-9.30	-4.92	-8.28	-13.81	-16.85	-17.22	-16.56	-17.32	-19.69	-21.13	-27.90	-28.50	-40.83	-67.89	-70.20	-44.44	-28.28	-29.91	-28.00	-24.09

GOWANUS_GT2_7 24120	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	64.98 3.51 -8.28	75.05 4.27 -13.81	65.61 3.32 -16.85	59.54 2.81 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.32	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.56 1.97 -40.83	101.32 2.30 -67.89	95.78 1.74 -70.20	71.57 1.73 -44.44	58.53 1.68 -28.28	57.84 1.46 -29.91	54.87 1.42 -28.00	51.81 1.57 -24.09
GOWANUS_GT2_8 24121	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	64.98 3.51 -8.28	75.05 4.27 -13.81	65.61 3.32 -16.85	59.54 2.81 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.32	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.56 1.97 -40.83	101.32 2.30 -67.89	95.78 1.74 -70.20	71.57 1.73 -44.44	58.53 1.68 -28.28	57.84 1.46 -29.91	54.87 1.42 -28.00	51.81 1.57 -24.09
GOWANUS_GT3_1 24122	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	64.98 3.51 -8.28	75.05 4.27 -13.81	65.61 3.32 -16.85	59.54 2.81 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.32	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.56 1.97 -40.83	101.32 2.30 -67.89	95.78 1.74 -70.20	71.57 1.73 -44.44	58.53 1.68 -28.28	57.84 1.46 -29.91	54.87 1.42 -28.00	51.81 1.57 -24.09
GOWANUS_GT3_2 24123	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	64.98 3.51 -8.28	75.05 4.27 -13.81	65.61 3.32 -16.85	59.54 2.81 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.32	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.56 1.97 -40.83	101.32 2.30 -67.89	95.78 1.74 -70.20	71.57 1.73 -44.44	58.53 1.68 -28.28	57.84 1.46 -29.91	54.87 1.42 -28.00	51.81 1.57 -24.09
GOWANUS_GT3_3 24124	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	64.98 3.51 -8.28	75.05 4.27 -13.81	65.61 3.32 -16.85	59.54 2.81 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.32	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.56 1.97 -40.83	101.32 2.30 -67.89	95.78 1.74 -70.20	71.57 1.73 -44.44	58.53 1.68 -28.28	57.84 1.46 -29.91	54.87 1.42 -28.00	51.81 1.57 -24.09
GOWANUS_GT3_4 24125	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	64.98 3.51 -8.28	75.05 4.27 -13.81	65.61 3.32 -16.85	59.54 2.81 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.32	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.56 1.97 -40.83	101.32 2.30 -67.89	95.78 1.74 -70.20	71.57 1.73 -44.44	58.53 1.68 -28.28	57.84 1.46 -29.91	54.87 1.42 -28.00	51.81 1.57 -24.09
GOWANUS_GT3_5 24126	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	64.98 3.51 -8.28	75.05 4.27 -13.81	65.61 3.32 -16.85	59.54 2.81 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.32	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.56 1.97 -40.83	101.32 2.30 -67.89	95.78 1.74 -70.20	71.57 1.73 -44.44	58.53 1.68 -28.28	57.84 1.46 -29.91	54.87 1.42 -28.00	51.81 1.57 -24.09
GOWANUS_GT3_6 24127	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	64.98 3.51 -8.28	75.05 4.27 -13.81	65.61 3.32 -16.85	59.54 2.81 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.32	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.56 1.97 -40.83	101.32 2.30 -67.89	95.78 1.74 -70.20	71.57 1.73 -44.44	58.53 1.68 -28.28	57.84 1.46 -29.91	54.87 1.42 -28.00	51.81 1.57 -24.09
GOWANUS_GT3_7 24128	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	64.98 3.51 -8.28	75.05 4.27 -13.81	65.61 3.32 -16.85	59.54 2.81 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.32	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.56 1.97 -40.83	101.32 2.30 -67.89	95.78 1.74 -70.20	71.57 1.73 -44.44	58.53 1.68 -28.28	57.84 1.46 -29.91	54.87 1.42 -28.00	51.81 1.57 -24.09
GOWANUS_GT3_8 24129	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	64.98 3.51 -8.28	75.05 4.27 -13.81	65.61 3.32 -16.85	59.54 2.81 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.32	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.56 1.97 -40.83	101.32 2.30 -67.89	95.78 1.74 -70.20	71.57 1.73 -44.44	58.53 1.68 -28.28	57.84 1.46 -29.91	54.87 1.42 -28.00	51.81 1.57 -24.09
GOWANUS_GT4_1 24130	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	65.04 3.56 -8.28	75.00 4.22 -13.82	65.67 3.36 -16.85	59.51 2.77 -17.22	54.94 2.44 -16.57	53.52 2.40 -17.32	52.77 2.16 -19.70	53.98 2.06 -21.14	57.67 1.79 -27.91	58.92 1.78 -28.41	70.38 1.94 -40.68	100.98 2.21 -67.64	95.47 1.67 -69.96	71.41 1.73 -44.29	58.43 1.69 -28.18	57.76 1.48 -29.80	54.77 1.42 -27.90	51.90 1.65 -24.09
GOWANUS_GT4_2 24131	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	65.04 3.56 -8.28	75.00 4.22 -13.82	65.67 3.36 -16.85	59.51 2.77 -17.22	54.94 2.44 -16.57	53.52 2.40 -17.32	52.77 2.16 -19.70	53.98 2.06 -21.14	57.67 1.79 -27.91	58.92 1.78 -28.41	70.38 1.94 -40.68	100.98 2.21 -67.64	95.47 1.67 -69.96	71.41 1.73 -44.29	58.43 1.69 -28.18	57.76 1.48 -29.80	54.77 1.42 -27.90	51.90 1.65 -24.09
GOWANUS_GT4_3 24132	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	65.04 3.56 -8.28	75.00 4.22 -13.82	65.67 3.36 -16.85	59.51 2.77 -17.22	54.94 2.44 -16.57	53.52 2.40 -17.32	52.77 2.16 -19.70	53.98 2.06 -21.14	57.67 1.79 -27.91	58.92 1.78 -28.41	70.38 1.94 -40.68	100.98 2.21 -67.64	95.47 1.67 -69.96	71.41 1.73 -44.29	58.43 1.69 -28.18	57.76 1.48 -29.80	54.77 1.42 -27.90	51.90 1.65 -24.09
GOWANUS_GT4_4 24133	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	65.04 3.56 -8.28	75.00 4.22 -13.82	65.67 3.36 -16.85	59.51 2.77 -17.22	54.94 2.44 -16.57	53.52 2.40 -17.32	52.77 2.16 -19.70	53.98 2.06 -21.14	57.67 1.79 -27.91	58.92 1.78 -28.41	70.38 1.94 -40.68	100.98 2.21 -67.64	95.47 1.67 -69.96	71.41 1.73 -44.29	58.43 1.69 -28.18	57.76 1.48 -29.80	54.77 1.42 -27.90	51.90 1.65 -24.09
GOWANUS_GT4_5 24134	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	65.04 3.56 -8.28	75.00 4.22 -13.82	65.67 3.36 -16.85	59.51 2.77 -17.22	54.94 2.44 -16.57	53.52 2.40 -17.32	52.77 2.16 -19.70	53.98 2.06 -21.14	57.67 1.79 -27.91	58.92 1.78 -28.41	70.38 1.94 -40.68	100.98 2.21 -67.64	95.47 1.67 -69.96	71.41 1.73 -44.29	58.43 1.69 -28.18	57.76 1.48 -29.80	54.77 1.42 -27.90	51.90 1.65 -24.09

GOWANUS_GT4_6 24135	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	65.04 3.56 -8.28	75.00 4.22 -13.82	65.67 3.36 -16.85	59.51 2.77 -17.22	54.94 2.44 -16.57	53.52 2.40 -17.32	52.77 2.16 -19.70	53.98 2.06 -21.14	57.67 1.79 -27.91	58.92 1.78 -28.41	70.38 1.94 -40.68	100.98 2.21 -67.64	95.47 1.67 -69.96	71.41 1.73 -44.29	58.43 1.69 -28.18	57.76 1.48 -29.80	54.77 1.42 -27.90	51.90 1.65 -24.09
GOWANUS_GT4_7 24136	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	65.04 3.56 -8.28	75.00 4.22 -13.82	65.67 3.36 -16.85	59.51 2.77 -17.22	54.94 2.44 -16.57	53.52 2.40 -17.32	52.77 2.16 -19.70	53.98 2.06 -21.14	57.67 1.79 -27.91	58.92 1.78 -28.41	70.38 1.94 -40.68	100.98 2.21 -67.64	95.47 1.67 -69.96	71.41 1.73 -44.29	58.43 1.69 -28.18	57.76 1.48 -29.80	54.77 1.42 -27.90	51.90 1.65 -24.09
GOWANUS_GT4_8 24137	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	65.04 3.56 -8.28	75.00 4.22 -13.82	65.67 3.36 -16.85	59.51 2.77 -17.22	54.94 2.44 -16.57	53.52 2.40 -17.32	52.77 2.16 -19.70	53.98 2.06 -21.14	57.67 1.79 -27.91	58.92 1.78 -28.41	70.38 1.94 -40.68	100.98 2.21 -67.64	95.47 1.67 -69.96	71.41 1.73 -44.29	58.43 1.69 -28.18	57.76 1.48 -29.80	54.77 1.42 -27.90	51.90 1.65 -24.09
GREENBSH_115KV_TB3 55895	49.51 1.32 -18.85	44.57 1.26 -15.23	40.46 1.24 -11.77	40.30 1.24 -11.55	40.34 1.24 -11.59	44.78 1.63 -6.93	65.54 2.02 -10.33	76.24 2.05 -17.23	68.10 1.64 -21.01	62.38 1.38 -21.48	57.92 1.33 -20.66	56.68 1.28 -21.60	56.68 1.21 -24.56	58.31 1.17 -26.35	63.80 1.03 -34.81	65.11 1.06 -35.33	79.22 0.89 -50.58	116.19 0.97 -84.10	111.57 0.74 -86.99	81.28 0.81 -55.06	64.46 0.86 -35.04	64.33 0.79 -37.06	60.87 0.74 -34.69	56.92 0.78 -29.98
GREENDGE_115KV_TB5 80291	34.28 0.65 -4.30	32.02 0.48 -3.47	30.53 0.38 -2.68	30.50 0.36 -2.63	30.42 0.28 -2.64	38.35 0.72 -1.41	56.02 0.48 -2.35	61.42 0.63 -3.84	50.53 0.41 -4.67	44.57 0.28 -4.78	41.17 0.65 -4.60	39.32 0.64 -4.88	37.10 0.59 -5.60	37.41 0.62 -6.01	36.48 0.59 -7.93	37.43 0.63 -8.08	39.53 0.47 -11.30	50.29 0.34 -18.82	43.31 0.02 -19.45	37.86 0.15 -12.31	36.65 0.26 -7.84	34.79 0.03 -8.29	33.33 -0.05 -7.93	33.01 -0.03 -6.87
GREENIDGE___3 23582	34.28 0.65 -4.30	32.02 0.48 -3.47	30.53 0.38 -2.68	30.50 0.36 -2.63	30.42 0.28 -2.64	38.35 0.72 -1.41	56.02 0.48 -2.35	61.42 0.63 -3.84	50.53 0.41 -4.67	44.57 0.28 -4.78	41.17 0.65 -4.60	39.32 0.64 -4.88	37.10 0.59 -5.60	37.41 0.62 -6.01	36.48 0.59 -7.93	37.43 0.63 -8.08	39.53 0.47 -11.30	50.29 0.34 -18.82	43.31 0.02 -19.45	37.86 0.15 -12.31	36.65 0.26 -7.84	34.79 0.03 -8.29	33.33 -0.05 -7.93	33.01 -0.03 -6.87
GREENIDGE___4 23583	34.28 0.64 -4.30	32.02 0.48 -3.47	30.53 0.38 -2.68	30.50 0.36 -2.63	30.42 0.28 -2.64	38.34 0.72 -1.41	55.97 0.42 -2.35	61.48 0.69 -3.83	50.63 0.50 -4.68	44.61 0.31 -4.78	41.17 0.65 -4.60	39.32 0.64 -4.88	37.13 0.62 -5.60	37.41 0.62 -6.01	36.51 0.61 -7.93	37.36 0.66 -7.98	39.58 0.44 -11.38	50.42 0.34 -18.95	42.69 0.00 -18.85	37.46 0.13 -11.93	36.38 0.23 -7.59	34.54 0.03 -8.03	33.05 -0.05 -7.66	32.72 -0.03 -6.59
GREENLWN_69_KV_BK 3 55738	54.27 2.79 -22.14	51.34 2.61 -20.65	42.27 2.55 -12.26	46.76 2.50 -16.74	46.94 2.50 -16.93	54.24 3.33 -14.70	83.48 5.05 -25.23	93.11 5.35 -30.79	71.79 4.41 -21.93	60.23 3.48 -17.23	55.70 3.20 -16.57	54.20 3.08 -17.33	53.36 2.75 -19.70	54.60 2.68 -21.14	58.29 2.40 -27.92	72.78 2.36 -41.70	103.18 2.28 -73.15	114.19 2.55 -80.50	112.60 1.91 -86.85	107.19 2.03 -79.76	88.54 2.20 -57.78	87.29 2.01 -58.80	60.91 2.16 -33.30	52.51 2.25 -24.10
GREENWD_138_KV_38B11_REV_LBMP_J 345004	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	65.04 3.56 -8.28	75.00 4.22 -13.82	65.67 3.36 -16.85	59.51 2.77 -17.22	54.94 2.44 -16.57	53.52 2.40 -17.32	52.77 2.16 -19.70	53.98 2.06 -21.14	57.67 1.79 -27.91	58.92 1.78 -28.41	70.38 1.94 -40.68	100.98 2.21 -67.64	95.47 1.67 -69.96	71.41 1.73 -44.29	58.43 1.69 -28.18	57.76 1.48 -29.80	54.77 1.42 -27.90	51.90 1.65 -24.09
GRISSOM___SOLAR 323813	54.16 2.55 -22.28	48.57 2.50 -17.99	43.81 2.44 -13.90	43.67 2.50 -13.65	43.85 2.64 -13.70	48.47 3.77 -8.48	71.68 6.22 -12.27	83.53 6.10 -20.47	75.09 4.68 -24.96	68.27 3.24 -25.51	62.95 2.48 -24.54	61.79 2.33 -25.66	62.19 2.10 -29.17	64.31 2.22 -31.31	71.63 2.32 -41.35	73.26 2.64 -41.89	89.09 2.80 -58.54	131.64 3.18 -97.33	126.83 2.34 -100.65	91.71 2.59 -63.72	71.96 2.86 -40.55	71.63 2.28 -42.88	67.55 1.96 -40.14	62.52 1.83 -34.53
GROVEVILLE___HYD 323602	46.72 2.14 -15.24	42.38 1.99 -12.31	38.90 1.92 -9.51	38.75 1.90 -9.34	38.75 1.87 -9.38	43.61 2.43 -4.97	65.32 3.78 -8.35	75.05 4.16 -13.94	65.76 3.32 -16.99	59.58 2.69 -17.37	55.01 2.37 -16.71	53.46 2.20 -17.47	52.75 1.98 -19.86	54.04 1.94 -21.31	57.87 1.76 -28.15	59.18 1.81 -28.65	70.60 1.83 -41.02	101.47 2.15 -68.20	96.03 1.65 -70.54	71.70 1.65 -44.65	58.75 1.77 -28.42	58.17 1.64 -30.05	55.13 1.55 -28.13	52.08 1.62 -24.30
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.11 -0.09 -2.86	30.25 -0.14 -2.31	29.05 -0.19 -1.78	29.07 -0.19 -1.75	29.02 -0.25 -1.76	36.89 -0.25 -0.93	54.33 -0.43 -1.57	59.18 -0.40 -2.61	48.36 -0.27 -3.19	42.62 -0.16 -3.26	38.92 -0.14 -3.13	37.01 -0.07 -3.28	34.64 0.00 -3.73	34.75 -0.03 -4.00	33.21 -0.03 -5.28	34.07 -0.03 -5.38	35.37 -0.08 -7.70	43.87 -0.06 -12.80	37.06 -0.02 -13.24	33.80 0.03 -8.38	34.04 0.14 -5.33	32.17 0.05 -5.64	30.78 0.05 -5.28	30.69 0.03 -4.50
HAMLTNNY_34_KV_TB 80303	32.30 0.00 -2.96	30.41 -0.06 -2.39	29.17 -0.14 -1.85	29.19 -0.14 -1.82	29.14 -0.19 -1.82	37.03 -0.14 -0.96	54.55 -0.27 -1.62	59.50 -0.17 -2.71	48.66 -0.09 -3.30	42.86 -0.04 -3.38	39.18 0.00 -3.25	37.26 0.07 -3.40	34.87 0.09 -3.86	35.02 0.09 -4.14	33.46 0.03 -5.47	34.38 0.09 -5.57	35.76 0.03 -7.98	44.45 0.06 -13.26	37.58 0.02 -13.72	34.13 0.05 -8.68	34.29 0.20 -5.53	32.37 0.05 -5.84	30.97 0.05 -5.47	30.85 0.03 -4.66
HAMPSHIRE___PAPER_HYD 323593	29.64 -0.50 -0.81	28.28 -0.45 -0.65	27.61 -0.36 -0.50	27.70 -0.30 -0.49	27.70 -0.30 -0.50	35.87 -0.54 -0.20	52.94 -0.69 -0.44	56.96 -0.74 -0.74	45.58 -0.77 -0.90	39.65 -0.79 -0.92	36.17 -0.65 -0.89	34.02 -0.71 -0.93	31.32 -0.65 -1.06	31.30 -0.62 -1.13	29.01 -0.45 -1.50	29.72 -0.52 -1.51	29.67 -0.25 -2.16	34.13 -0.59 -3.60	27.36 -0.19 -3.71	27.52 -0.23 -2.35	29.65 -0.40 -1.49	27.69 -0.37 -1.58	26.62 -0.30 -1.48	27.08 -0.34 -1.26
HARDSCRABBLE_WT_PWR 323673	30.31 0.59 -0.39	29.04 0.65 -0.32	28.36 0.66 -0.24	28.49 0.74 -0.24	28.46 0.71 -0.24	37.36 1.05 -0.10	55.11 1.70 -0.21	59.09 1.77 -0.36	47.30 1.41 -0.44	41.15 1.18 -0.45	37.40 1.04 -0.43	35.23 0.98 -0.45	32.26 0.83 -0.51	32.16 0.83 -0.55	29.44 0.76 -0.72	30.31 0.86 -0.73	29.66 0.86 -1.04	33.85 1.00 -1.73	26.36 0.74 -1.78	27.26 0.74 -1.13	30.11 0.83 -0.72	27.92 0.69 -0.76	26.82 0.66 -0.71	27.48 0.71 -0.61

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	45.40 1.85 -14.21	41.27 1.71 -11.48	37.98 1.65 -8.87	37.87 1.65 -8.71	37.87 1.62 -8.74	42.95 2.10 -4.63	64.22 3.24 -7.79	73.60 3.65 -12.99	64.16 2.86 -15.84	58.01 2.29 -16.19	53.55 2.05 -15.58	52.01 1.93 -16.29	51.16 1.73 -18.52	52.35 1.69 -19.87	55.71 1.51 -26.24	56.99 1.55 -26.71	67.58 1.58 -38.24	96.55 1.84 -63.59	91.00 1.38 -65.77	68.46 1.42 -41.63	56.54 1.49 -26.50	55.87 1.38 -28.02	52.97 1.30 -26.23	50.22 1.39 -22.67
HARSNRAD_115KV_TB1 81005	31.56 -1.26 -3.49	29.46 -1.43 -2.82	28.07 -1.57 -2.18	27.92 -1.73 -2.14	27.84 -1.82 -2.14	35.43 -1.92 -1.14	51.48 -3.62 -1.91	55.06 -4.73 -2.83	45.35 -3.55 -3.45	40.16 -2.88 -3.52	36.77 -2.55 -3.39	35.42 -2.20 -3.82	33.54 -1.92 -4.54	33.75 -1.91 -4.87	32.64 -1.76 -6.44	33.47 -1.81 -6.55	34.15 -1.97 -8.36	43.25 -1.90 -14.02	36.67 -1.60 -14.43	32.86 -1.68 -9.14	32.58 -1.80 -5.82	30.75 -1.88 -6.15	30.20 -1.68 -6.44	30.14 -1.49 -5.47
HARZA MOOSE__RIVER 24016	30.73 0.38 -1.02	29.23 0.34 -0.82	28.37 0.27 -0.63	28.46 0.33 -0.62	28.43 0.30 -0.62	36.97 0.51 -0.25	54.81 1.06 -0.56	58.97 1.08 -0.93	47.35 0.77 -1.13	41.03 0.36 -1.16	37.33 0.29 -1.11	35.20 0.24 -1.16	32.45 0.22 -1.32	32.48 0.28 -1.42	30.23 0.39 -1.87	31.13 0.49 -1.91	31.05 0.56 -2.74	36.06 0.37 -4.55	29.10 0.55 -4.71	28.99 0.61 -2.98	30.97 0.51 -1.90	28.91 0.42 -2.01	27.68 0.36 -1.88	28.10 0.34 -1.60
HDSNBRDG_115KV_BRDG_TB1 355580	31.68 -0.35 -2.69	29.85 -0.39 -2.17	28.70 -0.44 -1.68	28.72 -0.44 -1.65	28.67 -0.50 -1.65	36.47 -0.62 -0.87	53.65 -1.01 -1.47	58.39 -1.03 -2.46	47.68 -0.77 -3.00	41.99 -0.59 -3.06	38.34 -0.54 -2.95	36.44 -0.44 -3.08	34.08 -0.34 -3.50	34.20 -0.34 -3.76	32.62 -0.31 -4.97	33.47 -0.32 -5.06	34.61 -0.39 -7.24	42.76 -0.40 -12.04	36.01 -0.29 -12.45	33.05 -0.23 -7.88	33.49 -0.09 -5.02	31.60 -0.19 -5.30	30.26 -0.15 -4.96	30.21 -0.18 -4.23
HELLGATE_13_KV_LD 55870	46.72 2.26 -15.12	42.42 2.13 -12.21	38.98 2.09 -9.44	38.79 2.01 -9.26	38.79 1.98 -9.30	43.64 2.50 -4.92	65.14 3.67 -8.28	75.11 4.33 -13.82	65.71 3.41 -16.85	59.55 2.81 -17.22	54.98 2.48 -16.57	53.59 2.47 -17.32	52.83 2.23 -19.70	54.01 2.09 -21.14	57.69 1.82 -27.91	58.95 1.81 -28.41	70.32 1.89 -40.68	100.92 2.15 -67.64	95.40 1.60 -69.96	71.34 1.65 -44.29	58.43 1.69 -28.18	57.79 1.51 -29.80	54.82 1.48 -27.90	51.92 1.67 -24.09
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	46.72 2.26 -15.12	42.42 2.13 -12.21	38.98 2.09 -9.44	38.79 2.01 -9.26	38.79 1.98 -9.30	43.64 2.50 -4.92	65.14 3.67 -8.28	75.11 4.33 -13.82	65.71 3.41 -16.85	59.55 2.81 -17.22	54.98 2.48 -16.57	53.59 2.47 -17.32	52.83 2.23 -19.70	54.01 2.09 -21.14	57.69 1.82 -27.91	58.95 1.81 -28.41	70.32 1.89 -40.68	100.92 2.15 -67.64	95.40 1.60 -69.96	71.34 1.65 -44.29	58.43 1.69 -28.18	57.79 1.51 -29.80	54.82 1.48 -27.90	51.92 1.67 -24.09
HEMPSTEAD____ 23647	52.43 2.67 -20.43	49.19 2.53 -18.58	43.30 2.39 -13.45	45.67 2.34 -15.82	45.35 2.31 -15.53	51.71 3.19 -12.30	79.05 4.79 -21.07	89.10 5.24 -26.90	70.39 4.18 -20.76	60.06 3.32 -17.22	55.48 2.98 -16.57	54.00 2.87 -17.33	53.17 2.56 -19.69	54.44 2.52 -21.13	58.23 2.35 -27.92	72.78 2.27 -41.78	103.35 2.30 -73.29	114.56 2.68 -80.75	112.93 2.00 -87.09	107.36 2.06 -79.91	88.60 2.17 -57.87	87.36 1.99 -58.90	59.18 1.91 -31.83	52.36 2.09 -24.10
HEWLETT__69_KV_BK3 55828	53.17 2.93 -20.90	49.98 2.75 -19.15	48.15 2.69 -18.00	48.61 2.67 -18.43	47.24 2.61 -17.12	52.65 3.48 -12.96	80.66 5.27 -22.20	90.73 5.81 -27.96	71.17 4.64 -21.08	60.46 3.71 -17.23	55.91 3.41 -16.57	54.40 3.28 -17.33	53.55 2.94 -19.70	54.79 2.86 -21.14	58.45 2.57 -27.92	72.94 2.53 -41.69	103.41 2.53 -73.13	114.52 2.90 -80.50	112.85 2.17 -86.84	107.44 2.29 -79.75	88.79 2.46 -57.77	87.52 2.25 -58.79	59.89 2.29 -32.15	52.61 2.35 -24.09
HICKLING____1 23621	34.45 0.09 -5.02	32.07 -0.06 -4.06	30.43 -0.16 -3.13	30.37 -0.22 -3.08	30.29 -0.30 -3.09	37.79 -0.07 -1.65	55.46 -0.48 -2.75	60.81 -0.63 -4.48	50.36 -0.55 -5.46	44.66 -0.43 -5.58	40.94 -0.36 -5.37	39.22 -0.27 -5.70	37.24 -0.22 -6.54	37.59 -0.22 -7.02	37.04 -0.20 -9.27	37.93 -0.23 -9.44	40.67 -0.28 -13.19	52.91 -0.19 -21.97	46.33 -0.21 -22.70	39.62 -0.15 -14.37	37.65 -0.06 -9.15	35.91 -0.24 -9.67	34.46 -0.25 -9.27	33.86 -0.16 -7.85
HICKLING____2 23622	34.45 0.09 -5.02	32.07 -0.06 -4.06	30.43 -0.16 -3.13	30.37 -0.22 -3.08	30.29 -0.30 -3.09	37.79 -0.07 -1.65	55.46 -0.48 -2.75	60.81 -0.63 -4.48	50.36 -0.55 -5.46	44.66 -0.43 -5.58	40.94 -0.36 -5.37	39.22 -0.27 -5.70	37.24 -0.22 -6.54	37.59 -0.22 -7.02	37.04 -0.20 -9.27	37.93 -0.23 -9.44	40.67 -0.28 -13.19	52.91 -0.19 -21.97	46.33 -0.21 -22.70	39.62 -0.15 -14.37	37.65 -0.06 -9.15	35.91 -0.24 -9.67	34.46 -0.25 -9.27	33.86 -0.16 -7.85
HIGH FALLS____HY 23754	46.22 1.73 -15.15	41.94 1.63 -12.24	38.43 1.51 -9.46	38.31 1.51 -9.28	38.31 1.49 -9.32	43.15 1.92 -5.02	64.63 3.14 -8.30	74.34 3.53 -13.85	65.11 2.77 -16.89	58.96 2.17 -17.26	54.40 1.87 -16.61	52.88 1.72 -17.36	52.20 1.55 -19.74	53.47 1.51 -21.18	57.31 1.37 -27.98	58.39 1.21 -28.46	69.78 1.28 -40.75	100.47 1.59 -67.75	95.14 1.22 -70.08	70.95 1.19 -44.36	58.05 1.26 -28.23	57.71 1.38 -29.85	54.69 1.30 -27.95	51.90 1.39 -24.35
HILLBURN____GT 23639	45.56 1.82 -14.41	41.40 1.68 -11.64	38.07 1.62 -8.99	37.96 1.62 -8.83	37.93 1.57 -8.86	43.01 2.10 -4.69	64.32 3.25 -7.89	73.77 3.65 -13.16	64.27 2.77 -16.05	58.22 2.29 -16.40	53.72 2.01 -15.78	52.26 1.96 -16.50	51.46 1.79 -18.76	52.64 1.72 -20.13	56.06 1.51 -26.59	57.40 1.49 -27.18	68.24 1.55 -38.93	97.73 1.87 -64.73	92.14 1.36 -66.94	69.17 1.40 -42.37	56.98 1.46 -26.97	56.34 1.35 -28.52	53.44 1.30 -26.69	50.48 1.36 -22.97
HILLSIDE_115KV_TB1 80332	34.17 -0.35 -5.19	31.79 -0.48 -4.19	30.12 -0.58 -3.24	30.06 -0.63 -3.18	30.01 -0.69 -3.19	37.26 -0.65 -1.70	54.70 -1.33 -2.84	60.06 -1.54 -4.64	49.83 -1.27 -5.65	44.19 -1.11 -5.78	40.52 -0.97 -5.56	38.84 -0.84 -5.89	36.93 -0.74 -6.76	37.29 -0.74 -7.25	36.86 -0.67 -9.57	37.73 -0.75 -9.75	40.69 -0.72 -13.66	53.22 -0.65 -22.75	46.76 -0.60 -23.51	39.75 -0.53 -14.88	37.55 -0.49 -9.47	35.88 -0.61 -10.02	34.43 -0.59 -9.57	33.70 -0.50 -8.04
HISHELDN_WT_PWR 323625	32.24 -1.00 -3.90	30.10 -1.12 -3.15	28.66 -1.24 -2.43	28.53 -1.37 -2.39	28.44 -1.46 -2.40	35.86 -1.63 -1.27	52.24 -3.09 -2.13	56.31 -3.88 -3.23	46.52 -2.86 -3.93	41.09 -2.45 -4.02	37.64 -2.15 -3.87	36.17 -1.93 -4.30	34.23 -1.76 -5.07	34.54 -1.69 -5.45	33.67 -1.48 -7.19	34.31 -1.67 -7.25	35.35 -1.80 -9.40	45.03 -1.84 -15.73	38.50 -1.55 -16.21	34.01 -1.65 -10.26	33.49 -1.60 -6.53	31.74 -1.64 -6.91	31.11 -1.45 -7.11	30.97 -1.31 -6.12
HOLTSVILLE_IC_1 23690	55.25 3.67 -22.24	52.27 3.42 -20.77	42.89 3.24 -12.19	47.50 3.19 -16.80	47.68 3.16 -17.01	55.43 4.38 -14.84	85.31 6.65 -25.47	95.09 7.12 -31.01	73.03 5.59 -21.99	61.17 4.43 -17.22	56.45 3.95 -16.57	54.88 3.75 -17.33	53.88 3.28 -19.69	55.21 3.30 -21.13	59.01 3.13 -27.92	73.67 3.16 -41.79	104.33 3.27 -73.30	115.65 3.77 -80.75	113.74 2.81 -87.09	108.26 2.94 -79.91	89.64 3.20 -57.89	88.28 2.89 -58.91	61.63 2.70 -33.49	53.17 2.90 -24.11

HOLTSVILLE_IC_10 23699	55.39 3.84 -22.21	52.41 3.59 -20.73	43.08 3.40 -12.22	47.65 3.36 -16.79	47.82 3.33 -16.99	55.65 4.64 -14.80	85.62 7.02 -25.40	95.48 7.58 -30.95	73.37 5.95 -21.97	61.40 4.66 -17.22	56.70 4.20 -16.57	55.11 3.99 -17.33	54.10 3.49 -19.69	55.42 3.51 -21.13	59.20 3.33 -27.92	73.87 3.36 -41.79	104.58 3.53 -73.30	115.93 4.05 -80.75	113.99 3.05 -87.09	108.49 3.17 -79.91	89.90 3.45 -57.88	88.49 3.10 -58.91	61.81 2.90 -33.46	53.35 3.09 -24.11
HOLTSVILLE_IC_2 23691	55.25 3.67 -22.24	52.27 3.42 -20.77	42.89 3.24 -12.19	47.50 3.19 -16.80	47.68 3.16 -17.01	55.43 4.38 -14.84	85.31 6.65 -25.47	95.09 7.12 -31.01	73.03 5.59 -21.99	61.17 4.43 -17.22	56.45 3.95 -16.57	54.88 3.75 -17.33	53.88 3.28 -19.69	55.21 3.30 -21.13	59.01 3.13 -27.92	73.67 3.16 -41.79	104.33 3.27 -73.30	115.65 3.77 -80.75	113.74 2.81 -87.09	108.26 2.94 -79.91	89.64 3.20 -57.89	88.28 2.89 -58.91	61.63 2.70 -33.49	53.17 2.90 -24.11
HOLTSVILLE_IC_3 23692	55.25 3.67 -22.24	52.27 3.42 -20.77	42.89 3.24 -12.19	47.50 3.19 -16.80	47.68 3.16 -17.01	55.43 4.38 -14.84	85.31 6.65 -25.47	95.09 7.12 -31.01	73.03 5.59 -21.99	61.17 4.43 -17.22	56.45 3.95 -16.57	54.88 3.75 -17.33	53.88 3.28 -19.69	55.21 3.30 -21.13	59.01 3.13 -27.92	73.67 3.16 -41.79	104.33 3.27 -73.30	115.65 3.77 -80.75	113.74 2.81 -87.09	108.26 2.94 -79.91	89.64 3.20 -57.89	88.28 2.89 -58.91	61.63 2.70 -33.49	53.17 2.90 -24.11
HOLTSVILLE_IC_4 23693	55.25 3.67 -22.24	52.27 3.42 -20.77	42.89 3.24 -12.19	47.50 3.19 -16.80	47.68 3.16 -17.01	55.43 4.38 -14.84	85.31 6.65 -25.47	95.09 7.12 -31.01	73.03 5.59 -21.99	61.17 4.43 -17.22	56.45 3.95 -16.57	54.88 3.75 -17.33	53.88 3.28 -19.69	55.21 3.30 -21.13	59.01 3.13 -27.92	73.67 3.16 -41.79	104.33 3.27 -73.30	115.65 3.77 -80.75	113.74 2.81 -87.09	108.26 2.94 -79.91	89.64 3.20 -57.89	88.28 2.89 -58.91	61.63 2.70 -33.49	53.17 2.90 -24.11
HOLTSVILLE_IC_5 23694	55.25 3.67 -22.24	52.27 3.42 -20.77	42.89 3.24 -12.19	47.50 3.19 -16.80	47.68 3.16 -17.01	55.43 4.38 -14.84	85.31 6.65 -25.47	95.09 7.12 -31.01	73.03 5.59 -21.99	61.17 4.43 -17.22	56.45 3.95 -16.57	54.88 3.75 -17.33	53.88 3.28 -19.69	55.21 3.30 -21.13	59.01 3.13 -27.92	73.67 3.16 -41.79	104.33 3.27 -73.30	115.65 3.77 -80.75	113.74 2.81 -87.09	108.26 2.94 -79.91	89.64 3.20 -57.89	88.28 2.89 -58.91	61.63 2.70 -33.49	53.17 2.90 -24.11
HOLTSVILLE_IC_6 23695	55.39 3.84 -22.21	52.41 3.59 -20.73	43.08 3.40 -12.22	47.65 3.36 -16.79	47.82 3.33 -16.99	55.65 4.64 -14.80	85.62 7.02 -25.40	95.48 7.58 -30.95	73.37 5.95 -21.97	61.40 4.66 -17.22	56.70 4.20 -16.57	55.11 3.99 -17.33	54.10 3.49 -19.69	55.42 3.51 -21.13	59.20 3.33 -27.92	73.87 3.36 -41.79	104.58 3.53 -73.30	115.93 4.05 -80.75	113.99 3.05 -87.09	108.49 3.17 -79.91	89.90 3.45 -57.88	88.49 3.10 -58.91	61.81 2.90 -33.46	53.35 3.09 -24.11
HOLTSVILLE_IC_7 23696	55.39 3.84 -22.21	52.41 3.59 -20.73	43.08 3.40 -12.22	47.65 3.36 -16.79	47.82 3.33 -16.99	55.65 4.64 -14.80	85.62 7.02 -25.40	95.48 7.58 -30.95	73.37 5.95 -21.97	61.40 4.66 -17.22	56.70 4.20 -16.57	55.11 3.99 -17.33	54.10 3.49 -19.69	55.42 3.51 -21.13	59.20 3.33 -27.92	73.87 3.36 -41.79	104.58 3.53 -73.30	115.93 4.05 -80.75	113.99 3.05 -87.09	108.49 3.17 -79.91	89.90 3.45 -57.88	88.49 3.10 -58.91	61.81 2.90 -33.46	53.35 3.09 -24.11
HOLTSVILLE_IC_8 23697	55.39 3.84 -22.21	52.41 3.59 -20.73	43.08 3.40 -12.22	47.65 3.36 -16.79	47.82 3.33 -16.99	55.65 4.64 -14.80	85.62 7.02 -25.40	95.48 7.58 -30.95	73.37 5.95 -21.97	61.40 4.66 -17.22	56.70 4.20 -16.57	55.11 3.99 -17.33	54.10 3.49 -19.69	55.42 3.51 -21.13	59.20 3.33 -27.92	73.87 3.36 -41.79	104.58 3.53 -73.30	115.93 4.05 -80.75	113.99 3.05 -87.09	108.49 3.17 -79.91	89.90 3.45 -57.88	88.49 3.10 -58.91	61.81 2.90 -33.46	53.35 3.09 -24.11
HOLTSVILLE_IC_9 23698	55.39 3.84 -22.21	52.41 3.59 -20.73	43.08 3.40 -12.22	47.65 3.36 -16.79	47.82 3.33 -16.99	55.65 4.64 -14.80	85.62 7.02 -25.40	95.48 7.58 -30.95	73.37 5.95 -21.97	61.40 4.66 -17.22	56.70 4.20 -16.57	55.11 3.99 -17.33	54.10 3.49 -19.69	55.42 3.51 -21.13	59.20 3.33 -27.92	73.87 3.36 -41.79	104.58 3.53 -73.30	115.93 4.05 -80.75	113.99 3.05 -87.09	108.49 3.17 -79.91	89.90 3.45 -57.88	88.49 3.10 -58.91	61.81 2.90 -33.46	53.35 3.09 -24.11
HOMER_HL_115KV_TB2 355744	31.92 -1.29 -3.87	29.74 -1.46 -3.13	28.34 -1.54 -2.42	28.18 -1.71 -2.37	28.13 -1.76 -2.38	35.52 -1.96 -1.27	51.91 -3.40 -2.12	56.37 -3.82 -3.23	46.28 -3.09 -3.92	40.84 -2.69 -4.01	37.35 -2.44 -3.87	35.78 -2.30 -4.28	33.92 -2.04 -5.05	34.14 -2.06 -5.42	33.24 -1.87 -7.15	34.00 -2.01 -7.28	35.31 -1.97 -9.53	45.17 -1.90 -15.94	38.67 -1.60 -16.43	34.20 -1.60 -10.40	33.50 -1.69 -6.62	31.70 -1.77 -7.00	30.87 -1.73 -7.15	30.61 -1.62 -6.07
HOWARD_WT_PWR 323690	33.64 -0.12 -4.42	31.39 -0.25 -3.57	29.86 -0.36 -2.76	29.78 -0.44 -2.71	29.70 -0.52 -2.72	37.23 -0.43 -1.45	54.44 -1.17 -2.42	59.44 -1.42 -3.90	49.11 -1.09 -4.75	43.35 -1.03 -4.86	39.74 -0.86 -4.67	38.05 -0.74 -4.99	36.02 -0.65 -5.75	36.34 -0.62 -6.17	35.61 -0.50 -8.15	36.33 -0.60 -8.21	38.49 -0.78 -11.51	49.54 -0.78 -19.18	42.68 -0.74 -19.58	37.03 -0.76 -12.40	35.76 -0.69 -7.89	34.03 -0.79 -8.34	32.77 -0.74 -8.06	32.44 -0.65 -6.94
HQ_GEN_CEDARS 23644	29.04 -0.29 0.00	27.88 -0.20 0.00	27.46 0.00 0.00	27.54 0.03 0.00	27.59 0.08 0.00	36.00 -0.22 0.00	52.66 -0.53 0.00	56.50 -0.46 0.00	45.00 -0.45 0.00	39.36 -0.16 0.00	35.89 -0.04 0.00	33.63 -0.17 0.00	30.73 -0.19 0.00	30.60 -0.18 0.00	27.91 -0.06 0.00	28.52 -0.20 0.00	27.81 0.06 0.00	30.94 -0.19 0.00	23.84 0.00 0.00	25.32 -0.08 0.00	28.16 -0.40 0.00	26.40 -0.08 0.00	25.37 -0.08 0.00	26.03 -0.13 0.00
HQ_GEN_CEDARS_PROXY 323590	29.04 -0.29 0.00	27.85 -0.23 0.00	27.46 0.00 0.00	27.54 0.03 0.00	27.59 0.08 0.00	37.33 -0.22 -1.33	51.33 -0.53 1.33	56.50 -0.46 0.00	44.95 -0.50 0.00	39.36 -0.16 0.00	35.89 -0.04 0.00	33.63 -0.17 0.00	30.73 -0.18 0.00	30.60 -0.18 0.00	27.85 -0.11 0.00	28.53 -0.20 0.00	27.81 0.06 0.00	30.94 -0.19 0.00	23.84 0.00 0.00	25.32 -0.08 0.00	28.19 -0.37 0.00	26.37 -0.11 0.00	25.37 -0.08 0.00	26.03 -0.13 0.00
HQ_GEN_IMPORT 323601	29.07 -0.26 0.00	27.85 -0.23 0.00	27.27 -0.19 0.00	27.35 -0.16 0.00	27.37 -0.14 0.00	37.33 -0.22 -1.33	51.55 -0.32 1.33	56.62 -0.34 0.00	45.18 -0.27 0.00	39.28 -0.24 0.00	35.75 -0.18 0.00	33.56 -0.23 0.00	30.70 -0.21 0.00	30.57 -0.21 0.00	27.77 -0.19 0.00	28.53 -0.20 0.00	27.62 -0.14 0.00	30.91 -0.22 0.00	23.68 -0.17 0.00	25.20 -0.20 0.00	28.27 -0.29 0.00	26.27 -0.21 0.00	25.24 -0.20 0.00	25.92 -0.24 0.00
HQ_GEN_WHEEL 23651	29.07 -0.26 0.00	27.85 -0.23 0.00	27.27 -0.19 0.00	27.35 -0.16 0.00	27.37 -0.14 0.00	37.33 -0.22 -1.33	51.55 -0.32 1.33	56.62 -0.34 0.00	45.18 -0.27 0.00	39.28 -0.24 0.00	35.75 -0.18 0.00	33.56 -0.23 0.00	30.70 -0.21 0.00	30.57 -0.21 0.00	27.77 -0.19 0.00	28.53 -0.20 0.00	27.62 -0.14 0.00	30.91 -0.22 0.00	23.68 -0.17 0.00	25.20 -0.20 0.00	28.27 -0.29 0.00	26.27 -0.21 0.00	25.24 -0.20 0.00	25.92 -0.24 0.00

HUDSON AVE_GT_3 23810	46.54 2.08 -15.12	42.25 1.97 -12.21	38.79 1.89 -9.43	38.65 1.87 -9.26	38.65 1.84 -9.30	43.56 2.43 -4.92	65.20 3.72 -8.28	75.17 4.39 -13.82	65.80 3.50 -16.85	59.59 2.85 -17.22	55.01 2.51 -16.57	53.59 2.47 -17.32	52.83 2.23 -19.69	54.04 2.12 -21.13	57.72 1.85 -27.91	59.00 1.87 -28.41	70.37 1.94 -40.68	101.00 2.24 -67.63	95.46 1.67 -69.95	71.41 1.73 -44.28	58.48 1.74 -28.18	57.87 1.59 -29.80	54.87 1.53 -27.90	51.87 1.62 -24.09
HUDSON AVE_GT_4 23540	46.54 2.08 -15.12	42.25 1.97 -12.21	38.79 1.89 -9.43	38.65 1.87 -9.26	38.65 1.84 -9.30	43.56 2.43 -4.92	65.20 3.72 -8.28	75.17 4.39 -13.82	65.80 3.50 -16.85	59.59 2.85 -17.22	55.01 2.51 -16.57	53.59 2.47 -17.32	52.83 2.23 -19.69	54.04 2.12 -21.13	57.72 1.85 -27.91	59.00 1.87 -28.41	70.37 1.94 -40.68	101.00 2.24 -67.63	95.46 1.67 -69.95	71.41 1.73 -44.28	58.48 1.74 -28.18	57.87 1.59 -29.80	54.87 1.53 -27.90	51.87 1.62 -24.09
HUDSON AVE_GT_5 23657	46.54 2.08 -15.12	42.25 1.97 -12.21	38.79 1.89 -9.43	38.65 1.87 -9.26	38.65 1.84 -9.30	43.56 2.43 -4.92	65.20 3.72 -8.28	75.17 4.39 -13.82	65.80 3.50 -16.85	59.59 2.85 -17.22	55.01 2.51 -16.57	53.59 2.47 -17.32	52.83 2.23 -19.69	54.04 2.12 -21.13	57.72 1.85 -27.91	59.00 1.87 -28.41	70.37 1.94 -40.68	101.00 2.24 -67.63	95.46 1.67 -69.95	71.41 1.73 -44.28	58.48 1.74 -28.18	57.87 1.59 -29.80	54.87 1.53 -27.90	51.87 1.62 -24.09
HUDSON_AVE_10 24168	46.45 1.99 -15.12	42.14 1.85 -12.21	38.71 1.81 -9.43	38.54 1.76 -9.26	38.54 1.73 -9.30	43.46 2.32 -4.92	65.09 3.62 -8.28	75.00 4.22 -13.82	65.66 3.36 -16.85	59.51 2.77 -17.22	54.87 2.37 -16.57	53.45 2.33 -17.32	52.71 2.10 -19.69	53.92 2.00 -21.13	57.61 1.73 -27.91	58.92 1.78 -28.41	70.32 1.89 -40.68	100.91 2.15 -67.63	95.39 1.60 -69.95	71.33 1.65 -44.28	58.40 1.66 -28.18	57.76 1.48 -29.80	54.79 1.45 -27.90	51.79 1.54 -24.09
HUDSON___115KV_TB 4 355613	49.46 1.73 -18.39	44.62 1.68 -14.86	40.56 1.62 -11.48	40.41 1.62 -11.27	40.50 1.68 -11.31	44.98 2.17 -6.59	66.46 3.19 -10.07	76.85 3.08 -16.81	68.32 2.36 -20.50	62.33 1.86 -20.96	57.74 1.65 -20.16	56.36 1.49 -21.08	56.23 1.36 -23.96	57.85 1.35 -25.71	63.21 1.29 -33.96	64.50 1.29 -34.48	78.34 1.22 -49.36	114.64 1.43 -82.08	109.86 1.12 -84.90	80.33 1.19 -53.74	64.05 1.29 -34.20	63.78 1.14 -36.17	60.32 1.02 -33.86	56.48 1.05 -29.27
HUNTER MOUNT___DRP 323613	49.07 1.85 -17.88	44.32 1.80 -14.44	40.35 1.73 -11.16	40.23 1.76 -10.96	40.32 1.82 -11.00	44.83 2.32 -6.30	66.60 3.62 -9.79	76.78 3.47 -16.35	68.02 2.64 -19.93	61.95 2.06 -20.37	57.32 1.80 -19.60	55.84 1.55 -20.49	55.63 1.42 -23.29	57.23 1.45 -25.00	62.37 1.40 -33.02	63.58 1.32 -33.53	77.07 1.30 -48.01	112.48 1.53 -79.82	107.62 1.22 -82.56	78.93 1.27 -52.26	63.19 1.37 -33.26	62.84 1.19 -35.17	59.44 1.07 -32.93	55.74 1.10 -28.48
HUNTINGTON_RES_REC 323705	55.04 3.52 -22.19	52.09 3.31 -20.70	42.79 3.10 -12.23	47.36 3.08 -16.77	47.58 3.11 -16.96	55.28 4.31 -14.76	85.17 6.65 -25.33	94.90 7.06 -30.88	72.99 5.59 -21.95	61.13 4.39 -17.22	56.45 3.95 -16.57	54.88 3.75 -17.33	53.88 3.28 -19.69	55.21 3.30 -21.13	59.01 3.13 -27.92	73.67 3.16 -41.79	104.33 3.27 -73.30	115.65 3.77 -80.75	113.77 2.84 -87.09	108.26 2.94 -79.91	89.64 3.20 -57.88	88.27 2.89 -58.91	61.58 2.70 -33.44	53.14 2.88 -24.11
HUNTLEY___63 23557	31.80 -1.09 -3.55	29.65 -1.29 -2.87	28.25 -1.43 -2.22	28.09 -1.60 -2.18	28.04 -1.65 -2.18	35.64 -1.74 -1.16	51.79 -3.35 -1.95	55.37 -4.44 -2.85	45.65 -3.27 -3.47	40.42 -2.65 -3.55	37.01 -2.34 -3.42	35.64 -2.03 -3.87	33.78 -1.76 -4.63	34.03 -1.72 -4.97	32.93 -1.59 -6.56	33.74 -1.67 -6.68	34.36 -1.83 -8.44	43.54 -1.74 -14.15	36.92 -1.48 -14.56	33.07 -1.55 -9.22	32.74 -1.69 -5.87	30.91 -1.77 -6.21	30.43 -1.58 -6.56	30.32 -1.41 -5.58
HUNTLEY___64 23558	31.80 -1.09 -3.55	29.65 -1.29 -2.87	28.25 -1.43 -2.22	28.09 -1.60 -2.18	28.04 -1.65 -2.18	35.64 -1.74 -1.16	51.79 -3.35 -1.95	55.37 -4.44 -2.85	45.65 -3.27 -3.47	40.42 -2.65 -3.55	37.01 -2.34 -3.42	35.64 -2.03 -3.87	33.78 -1.76 -4.63	34.03 -1.72 -4.97	32.93 -1.59 -6.56	33.74 -1.67 -6.68	34.36 -1.83 -8.44	43.54 -1.74 -14.15	36.92 -1.48 -14.56	33.07 -1.55 -9.22	32.74 -1.69 -5.87	30.91 -1.77 -6.21	30.43 -1.58 -6.56	30.32 -1.41 -5.58
HUNTLEY___65 23559	31.80 -1.09 -3.55	29.65 -1.29 -2.87	28.25 -1.43 -2.22	28.09 -1.60 -2.18	28.04 -1.65 -2.18	35.64 -1.74 -1.16	51.79 -3.35 -1.95	55.37 -4.44 -2.85	45.65 -3.27 -3.47	40.42 -2.65 -3.55	37.01 -2.34 -3.42	35.64 -2.03 -3.87	33.78 -1.76 -4.63	34.03 -1.72 -4.97	32.93 -1.59 -6.56	33.74 -1.67 -6.68	34.36 -1.83 -8.44	43.54 -1.74 -14.15	36.92 -1.48 -14.56	33.07 -1.55 -9.22	32.74 -1.69 -5.87	30.91 -1.77 -6.21	30.43 -1.58 -6.56	30.32 -1.41 -5.58
HUNTLEY___66 23560	31.80 -1.09 -3.55	29.65 -1.29 -2.87	28.25 -1.43 -2.22	28.09 -1.60 -2.18	28.04 -1.65 -2.18	35.64 -1.74 -1.16	51.79 -3.35 -1.95	55.37 -4.44 -2.85	45.65 -3.27 -3.47	40.42 -2.65 -3.55	37.01 -2.34 -3.42	35.64 -2.03 -3.87	33.78 -1.76 -4.63	34.03 -1.72 -4.97	32.93 -1.59 -6.56	33.74 -1.67 -6.68	34.36 -1.83 -8.44	43.54 -1.74 -14.15	36.92 -1.48 -14.56	33.07 -1.55 -9.22	32.74 -1.69 -5.87	30.91 -1.77 -6.21	30.43 -1.58 -6.56	30.32 -1.41 -5.58
HUNTLEY___67 23561	31.64 -1.29 -3.60	29.52 -1.46 -2.91	28.09 -1.62 -2.25	27.96 -1.76 -2.20	27.88 -1.84 -2.21	35.40 -1.99 -1.17	51.44 -3.72 -1.97	55.00 -4.84 -2.88	45.30 -3.64 -3.48	40.12 -2.96 -3.56	36.75 -2.62 -3.45	35.41 -2.30 -3.91	33.59 -2.01 -4.69	33.84 -1.97 -5.03	32.79 -1.82 -6.64	33.62 -1.87 -6.76	34.24 -2.03 -8.51	43.42 -1.99 -14.28	36.89 -1.65 -14.69	33.00 -1.70 -9.30	32.65 -1.83 -5.92	30.83 -1.91 -6.26	30.41 -1.68 -6.64	30.29 -1.52 -5.65
HUNTLEY___68 23562	31.64 -1.29 -3.60	29.52 -1.46 -2.91	28.09 -1.62 -2.25	27.96 -1.76 -2.20	27.88 -1.84 -2.21	35.40 -1.99 -1.17	51.44 -3.72 -1.97	55.00 -4.84 -2.88	45.30 -3.64 -3.48	40.12 -2.96 -3.56	36.75 -2.62 -3.45	35.41 -2.30 -3.91	33.59 -2.01 -4.69	33.84 -1.97 -5.03	32.79 -1.82 -6.64	33.62 -1.87 -6.76	34.24 -2.03 -8.51	43.42 -1.99 -14.28	36.89 -1.65 -14.69	33.00 -1.70 -9.30	32.65 -1.83 -5.92	30.83 -1.91 -6.26	30.41 -1.68 -6.64	30.29 -1.52 -5.65
HYLAND___LFGE 323620	33.74 0.53 -3.87	31.54 0.34 -3.13	30.07 0.19 -2.42	29.99 0.11 -2.37	29.89 0.00 -2.38	38.06 0.58 -1.26	56.32 1.01 -2.12	61.54 1.14 -3.44	50.37 0.72 -4.19	44.04 0.24 -4.28	39.94 -0.11 -4.12	38.01 -0.17 -4.38	35.74 -0.21 -5.04	36.13 -0.06 -5.41	35.08 -0.03 -7.15	36.01 0.09 -7.20	37.94 0.14 -10.05	48.62 0.75 -16.74	41.70 0.62 -17.24	36.95 0.64 -10.91	36.28 0.77 -6.95	34.27 0.45 -7.35	32.84 0.33 -7.07	32.56 0.32 -6.08
INDECK___CORINTH 23802	50.08 1.32 -19.42	45.08 1.32 -15.68	40.87 1.29 -12.12	40.73 1.32 -11.90	40.82 1.37 -11.94	46.17 1.92 -8.04	67.63 3.83 -10.61	78.36 3.70 -17.70	69.99 2.95 -21.59	63.56 1.98 -22.06	58.59 1.44 -21.22	57.17 1.18 -22.19	57.19 1.05 -25.23	58.93 1.08 -27.07	64.81 1.09 -35.75	66.34 1.21 -36.41	81.29 1.22 -52.32	119.55 1.43 -86.99	114.85 1.05 -89.96	83.52 1.17 -56.95	66.06 1.26 -36.24	65.78 0.98 -38.32	62.19 0.87 -35.88	57.84 0.81 -30.86

INDECK___ILION 23567	30.23 0.50 -0.39	28.90 0.51 -0.32	28.20 0.49 -0.24	28.27 0.52 -0.24	28.27 0.52 -0.24	37.07 0.76 -0.10	54.63 1.22 -0.21	58.57 1.25 -0.36	46.89 1.00 -0.44	40.76 0.79 -0.44	37.07 0.72 -0.43	34.92 0.68 -0.45	32.01 0.59 -0.51	31.91 0.58 -0.55	29.21 0.53 -0.72	30.06 0.60 -0.73	29.39 0.58 -1.05	33.53 0.65 -1.75	26.15 0.50 -1.81	27.08 0.53 -1.15	29.86 0.57 -0.73	27.73 0.48 -0.77	26.63 0.46 -0.72	27.24 0.47 -0.61
INDECK___OLEAN 23982	31.92 -1.29 -3.87	29.74 -1.46 -3.13	28.34 -1.54 -2.42	28.18 -1.71 -2.37	28.13 -1.76 -2.38	35.52 -1.96 -1.27	51.96 -3.35 -2.12	56.37 -3.82 -3.23	46.43 -2.95 -3.93	40.89 -2.65 -4.02	37.39 -2.41 -3.87	35.82 -2.26 -4.28	33.95 -2.01 -5.05	34.17 -2.03 -5.42	33.30 -1.82 -7.15	33.95 -1.98 -7.21	35.16 -1.97 -9.37	44.92 -1.90 -15.69	38.42 -1.62 -16.20	34.01 -1.65 -10.26	33.38 -1.71 -6.53	31.61 -1.77 -6.90	30.79 -1.73 -7.08	30.60 -1.65 -6.09
INDECK___OSWEGO 23783	31.09 -0.67 -2.42	29.36 -0.67 -1.96	28.26 -0.71 -1.51	28.28 -0.72 -1.48	28.23 -0.77 -1.49	36.02 -0.98 -0.78	53.08 -1.43 -1.33	57.64 -1.54 -2.21	46.97 -1.18 -2.70	41.29 -0.99 -2.76	37.68 -0.90 -2.65	35.80 -0.78 -2.77	33.39 -0.68 -3.15	33.49 -0.68 -3.38	31.82 -0.62 -4.47	32.60 -0.63 -4.51	33.57 -0.64 -6.45	41.14 -0.71 -10.73	34.41 -0.50 -11.06	31.92 -0.48 -7.00	32.62 -0.40 -4.46	30.74 -0.45 -4.71	29.45 -0.41 -4.41	29.54 -0.42 -3.80
INDECK___YERKES 23781	31.81 -1.08 -3.55	29.68 -1.26 -2.87	28.31 -1.37 -2.22	28.12 -1.57 -2.18	28.07 -1.62 -2.18	35.60 -1.77 -1.16	51.84 -3.30 -1.95	55.48 -4.33 -2.85	45.88 -3.04 -3.48	40.51 -2.57 -3.55	37.15 -2.19 -3.42	35.75 -1.93 -3.87	33.87 -1.67 -4.63	34.09 -1.66 -4.97	32.98 -1.54 -6.56	33.70 -1.64 -6.61	34.23 -1.83 -8.31	43.36 -1.71 -13.95	36.79 -1.48 -14.42	32.90 -1.63 -9.13	32.69 -1.69 -5.81	30.85 -1.77 -6.15	30.41 -1.55 -6.52	30.38 -1.39 -5.61
INDIAN POINT_GT_1 24139	46.18 1.88 -14.97	41.91 1.74 -12.09	38.50 1.70 -9.34	38.36 1.68 -9.17	38.34 1.62 -9.20	43.26 2.17 -4.88	64.74 3.35 -8.20	74.52 3.87 -13.68	65.18 3.05 -16.68	59.06 2.49 -17.05	54.52 2.19 -16.40	53.08 2.13 -17.15	52.33 1.92 -19.50	53.55 1.85 -20.92	57.25 1.65 -27.63	58.52 1.67 -28.13	69.69 1.67 -40.27	100.02 1.93 -66.96	94.53 1.43 -69.26	70.74 1.50 -43.84	58.03 1.57 -27.90	57.41 1.43 -29.50	54.41 1.35 -27.62	51.45 1.44 -23.85
INDIAN POINT_GT_2 23659	46.18 1.88 -14.97	41.91 1.74 -12.09	38.50 1.70 -9.34	38.36 1.68 -9.17	38.34 1.62 -9.20	43.26 2.17 -4.88	64.74 3.35 -8.20	74.52 3.87 -13.68	65.18 3.05 -16.68	59.06 2.49 -17.05	54.52 2.19 -16.40	53.08 2.13 -17.15	52.33 1.92 -19.50	53.55 1.85 -20.92	57.25 1.65 -27.63	58.52 1.67 -28.13	69.69 1.67 -40.27	100.02 1.93 -66.96	94.53 1.43 -69.26	70.74 1.50 -43.84	58.03 1.57 -27.90	57.41 1.43 -29.50	54.41 1.35 -27.62	51.45 1.44 -23.85
INDIAN POINT_GT_3 24019	46.18 1.88 -14.97	41.91 1.74 -12.09	38.50 1.70 -9.34	38.36 1.68 -9.17	38.34 1.62 -9.20	43.26 2.17 -4.88	64.74 3.35 -8.20	74.52 3.87 -13.68	65.18 3.05 -16.68	59.06 2.49 -17.05	54.52 2.19 -16.40	53.08 2.13 -17.15	52.33 1.92 -19.50	53.55 1.85 -20.92	57.25 1.65 -27.63	58.52 1.67 -28.13	69.69 1.67 -40.27	100.02 1.93 -66.96	94.53 1.43 -69.26	70.74 1.50 -43.84	58.03 1.57 -27.90	57.41 1.43 -29.50	54.41 1.35 -27.62	51.45 1.44 -23.85
INDIAN POINT___2 23530	45.95 1.85 -14.76	41.68 1.68 -11.92	38.32 1.65 -9.21	38.18 1.62 -9.05	38.18 1.59 -9.08	43.16 2.14 -4.81	64.57 3.30 -8.08	74.15 3.70 -13.49	64.76 2.87 -16.45	58.70 2.37 -16.81	54.15 2.05 -16.17	52.70 1.99 -16.91	51.96 1.82 -19.22	53.20 1.78 -20.63	56.77 1.56 -27.24	58.11 1.55 -27.84	69.24 1.61 -39.88	99.33 1.90 -66.30	93.81 1.41 -68.56	70.22 1.42 -43.40	57.69 1.51 -27.62	57.06 1.38 -29.21	54.11 1.32 -27.34	51.07 1.39 -23.52
INDIAN POINT___3 23531	46.13 1.82 -14.98	41.88 1.71 -12.10	38.45 1.65 -9.35	38.34 1.65 -9.18	38.31 1.60 -9.21	43.23 2.14 -4.88	64.64 3.24 -8.20	74.35 3.70 -13.69	65.10 2.95 -16.69	58.99 2.41 -17.06	54.50 2.16 -16.41	53.02 2.06 -17.16	52.28 1.85 -19.51	53.54 1.82 -20.94	57.21 1.59 -27.65	58.48 1.61 -28.14	69.66 1.61 -40.29	99.99 1.87 -67.00	94.52 1.38 -69.30	70.71 1.45 -43.87	57.99 1.51 -27.92	57.37 1.38 -29.52	54.40 1.32 -27.64	51.41 1.39 -23.87
INGHAM_C_115KV_TB7 356103	30.58 0.85 -0.39	29.29 0.90 -0.32	28.58 0.88 -0.24	28.69 0.94 -0.24	28.68 0.94 -0.24	37.65 1.34 -0.10	55.48 2.07 -0.21	59.48 2.16 -0.36	47.61 1.73 -0.44	41.39 1.42 -0.44	37.65 1.29 -0.43	35.46 1.22 -0.45	32.47 1.05 -0.51	32.38 1.05 -0.55	29.63 0.95 -0.72	30.52 1.06 -0.73	29.86 1.05 -1.05	34.09 1.21 -1.75	26.56 0.91 -1.81	27.48 0.94 -1.15	30.32 1.03 -0.73	28.15 0.90 -0.77	27.03 0.87 -0.72	27.69 0.92 -0.61
IP CORINTH___1 23988	50.28 1.53 -19.42	45.25 1.49 -15.68	41.03 1.46 -12.12	40.90 1.49 -11.90	40.99 1.54 -11.94	46.35 2.10 -8.04	67.92 4.10 -10.64	78.70 3.99 -17.75	70.18 3.09 -21.64	63.86 2.21 -22.12	58.86 1.65 -21.28	57.40 1.35 -22.25	57.41 1.21 -25.30	59.16 1.23 -27.15	65.07 1.26 -35.85	66.45 1.32 -36.41	81.27 1.39 -52.13	119.39 1.59 -86.67	114.68 1.19 -89.65	83.49 1.35 -56.75	66.10 1.43 -36.11	65.81 1.14 -38.19	62.21 1.02 -35.75	58.00 0.97 -30.87
IP___TICONDEROGA 23804	51.93 3.20 -19.39	46.83 3.09 -15.66	42.61 3.05 -12.10	42.48 3.08 -11.88	42.62 3.19 -11.93	48.57 4.35 -8.01	71.37 7.55 -10.62	82.09 7.40 -17.73	72.79 5.73 -21.62	65.84 4.23 -22.09	60.49 3.31 -21.25	58.92 2.91 -22.22	58.77 2.60 -25.26	60.54 2.65 -27.11	66.39 2.63 -35.80	67.80 2.70 -36.37	82.80 2.97 -52.07	121.11 3.39 -86.59	115.95 2.55 -89.56	84.94 2.84 -56.69	67.72 3.08 -36.08	67.14 2.52 -38.15	63.40 2.24 -35.72	59.13 2.15 -30.83
ISLIP_RES_REC 323679	55.52 3.99 -22.20	52.55 3.76 -20.71	43.24 3.54 -12.23	47.79 3.49 -16.78	47.95 3.47 -16.98	55.80 4.82 -14.77	85.90 7.34 -25.36	95.84 7.97 -30.91	73.68 6.27 -21.96	61.64 4.90 -17.22	56.92 4.42 -16.57	55.32 4.19 -17.33	54.25 3.65 -19.69	55.58 3.66 -21.13	59.37 3.49 -27.92	74.07 3.56 -41.79	104.80 3.75 -73.30	116.18 4.30 -80.75	114.15 3.22 -87.09	108.69 3.38 -79.91	90.07 3.63 -57.88	88.64 3.26 -58.91	61.92 3.03 -33.45	53.48 3.22 -24.11
JAMAICA__27_KV_LOAD 355505	46.51 2.05 -15.12	42.20 1.91 -12.21	38.76 1.87 -9.43	38.56 1.79 -9.26	38.59 1.79 -9.30	43.56 2.43 -4.92	65.36 3.88 -8.28	75.34 4.56 -13.82	65.94 3.64 -16.85	59.71 2.96 -17.22	54.90 2.41 -16.57	53.45 2.33 -17.32	52.71 2.10 -19.69	53.95 2.03 -21.13	57.64 1.76 -27.91	58.94 1.81 -28.41	70.40 1.97 -40.68	101.03 2.27 -67.63	95.49 1.69 -69.95	71.43 1.75 -44.28	58.48 1.74 -28.18	57.81 1.54 -29.80	54.92 1.58 -27.90	51.87 1.62 -24.09
JANIS___SOLAR 323808	36.21 1.50 -5.38	33.74 1.32 -4.35	31.97 1.15 -3.36	32.02 1.21 -3.30	31.92 1.10 -3.31	39.86 1.88 -1.76	59.33 3.19 -2.95	65.42 3.59 -4.87	54.12 2.73 -5.94	47.77 2.17 -6.07	43.64 1.87 -5.84	41.73 1.79 -6.14	39.43 1.51 -7.01	39.81 1.51 -7.52	39.29 1.40 -9.93	39.89 1.55 -9.61	42.94 1.53 -13.66	55.75 1.90 -22.72	48.65 1.43 -23.38	41.77 1.58 -14.80	39.81 1.83 -9.42	37.84 1.40 -9.96	36.07 1.22 -9.40	35.48 1.23 -8.09

JARVIS____ 23743	29.88 0.15 -0.39	28.53 0.14 -0.32	27.84 0.14 -0.24	27.89 0.14 -0.24	27.89 0.14 -0.24	36.53 0.22 -0.10	53.78 0.37 -0.21	57.66 0.34 -0.36	46.16 0.27 -0.44	40.16 0.20 -0.45	36.54 0.18 -0.43	34.42 0.17 -0.45	31.55 0.12 -0.51	31.49 0.15 -0.55	28.80 0.11 -0.72	29.60 0.14 -0.73	28.93 0.14 -1.04	33.01 0.16 -1.73	25.74 0.12 -1.78	26.65 0.13 -1.13	29.42 0.14 -0.72	27.34 0.11 -0.76	26.26 0.10 -0.71	26.88 0.11 -0.61
JENNISON____1 23625	37.94 1.91 -6.70	35.22 1.74 -5.41	33.18 1.54 -4.18	33.21 1.60 -4.10	33.11 1.49 -4.12	40.84 2.43 -2.20	61.06 4.20 -3.67	67.53 4.50 -6.07	56.35 3.50 -7.41	49.97 2.88 -7.57	45.83 2.62 -7.28	43.98 2.53 -7.65	41.77 2.13 -8.72	42.24 2.09 -9.36	42.17 1.85 -12.36	43.09 1.78 -12.58	47.33 1.69 -17.89	62.97 2.09 -29.75	56.18 1.55 -30.78	46.59 1.70 -19.49	42.90 1.94 -12.40	41.08 1.48 -13.11	39.13 1.32 -12.36	37.24 1.36 -9.72
JENNISON____2 23626	37.94 1.91 -6.70	35.22 1.74 -5.41	33.18 1.54 -4.18	33.21 1.60 -4.10	33.11 1.49 -4.12	40.84 2.43 -2.20	61.06 4.20 -3.67	67.53 4.50 -6.07	56.35 3.50 -7.41	49.97 2.88 -7.57	45.83 2.62 -7.28	43.98 2.53 -7.65	41.77 2.13 -8.72	42.24 2.09 -9.36	42.17 1.85 -12.36	43.09 1.78 -12.58	47.33 1.69 -17.89	62.97 2.09 -29.75	56.18 1.55 -30.78	46.59 1.70 -19.49	42.90 1.94 -12.40	41.08 1.48 -13.11	39.13 1.32 -12.36	37.24 1.36 -9.72
JERICHO_RISE_WT_PWR 323719	28.11 -1.23 0.00	27.12 -0.95 0.00	26.75 -0.71 0.00	26.91 -0.61 0.00	27.21 -0.30 0.00	35.92 -0.29 0.00	53.35 0.16 0.00	57.13 0.17 0.00	45.54 0.09 0.00	39.64 0.12 0.00	36.14 0.22 0.00	33.66 -0.13 0.00	30.60 -0.31 0.00	30.51 -0.28 0.00	27.71 -0.25 0.00	28.47 -0.26 0.00	27.64 -0.11 0.00	30.88 -0.25 0.00	23.46 -0.38 0.00	24.79 -0.61 0.00	27.62 -0.94 0.00	25.92 -0.56 0.00	24.73 -0.71 0.00	25.32 -0.84 0.00
KATONAH____115KV_46KV_TB4 355592	46.86 2.20 -15.32	42.47 2.02 -12.38	38.95 1.92 -9.56	38.86 1.95 -9.39	38.75 1.82 -9.42	43.67 2.46 -4.99	65.52 3.94 -8.39	75.47 4.50 -14.01	66.17 3.64 -17.08	59.94 2.96 -17.46	55.34 2.62 -16.79	53.82 2.47 -17.56	53.13 2.26 -19.96	54.42 2.22 -21.42	58.18 1.93 -28.29	59.50 1.98 -28.79	70.98 2.00 -41.23	102.04 2.37 -68.55	96.53 1.79 -70.90	72.08 1.80 -44.88	59.06 1.94 -28.56	58.46 1.77 -30.20	55.35 1.63 -28.27	52.25 1.67 -24.41
KCE_NY_1 323755	50.70 2.00 -19.36	45.65 1.94 -15.64	41.44 1.89 -12.09	41.28 1.90 -11.87	41.34 1.92 -11.91	46.80 2.61 -7.98	68.17 4.36 -10.61	79.06 4.39 -17.71	70.54 3.50 -21.59	64.28 2.69 -22.07	59.35 2.19 -21.23	57.99 1.99 -22.20	57.97 1.82 -25.24	59.68 1.82 -27.08	65.49 1.76 -35.77	66.99 1.84 -36.43	81.73 1.80 -52.17	119.93 2.05 -86.75	115.11 1.55 -89.71	83.89 1.70 -56.79	66.56 1.86 -36.14	66.31 1.62 -38.22	62.70 1.48 -35.78	58.43 1.49 -30.78
KCE_NY_6_ESR 323823	32.02 -1.00 -3.68	29.87 -1.18 -2.97	28.44 -1.32 -2.29	28.28 -1.49 -2.25	28.20 -1.57 -2.26	35.71 -1.70 -1.20	52.07 -3.14 -2.01	55.95 -3.99 -2.98	46.22 -2.86 -3.63	40.82 -2.41 -3.71	37.38 -2.12 -3.57	35.96 -1.86 -4.02	34.06 -1.64 -4.79	34.29 -1.63 -5.14	33.27 -1.48 -6.79	33.99 -1.58 -6.84	34.68 -1.75 -8.67	44.02 -1.65 -14.54	37.45 -1.41 -15.02	33.36 -1.55 -9.51	33.04 -1.57 -6.05	31.24 -1.64 -6.40	30.70 -1.48 -6.73	30.64 -1.31 -5.79
KEDC_PORT_JEFF_GT2 24210	55.35 3.79 -22.22	52.39 3.57 -20.74	43.02 3.35 -12.21	47.63 3.33 -16.79	47.77 3.27 -16.99	55.59 4.56 -14.81	85.53 6.91 -25.42	95.39 7.46 -30.97	73.29 5.87 -21.97	61.32 4.58 -17.22	56.63 4.13 -16.57	55.04 3.92 -17.33	54.03 3.43 -19.69	55.36 3.45 -21.13	59.15 3.27 -27.92	73.84 3.33 -41.79	104.52 3.47 -73.30	115.90 4.02 -80.75	113.94 3.00 -87.09	108.43 3.12 -79.91	89.84 3.40 -57.88	88.43 3.04 -58.91	61.77 2.85 -33.47	53.30 3.03 -24.11
KEDC_PORT_JEFF_GT3 24211	55.35 3.79 -22.22	52.39 3.57 -20.74	43.02 3.35 -12.21	47.63 3.33 -16.79	47.77 3.27 -16.99	55.59 4.56 -14.81	85.53 6.91 -25.42	95.39 7.46 -30.97	73.29 5.87 -21.97	61.32 4.58 -17.22	56.63 4.13 -16.57	55.04 3.92 -17.33	54.03 3.43 -19.69	55.36 3.45 -21.13	59.15 3.27 -27.92	73.84 3.33 -41.79	104.52 3.47 -73.30	115.90 4.02 -80.75	113.94 3.00 -87.09	108.43 3.12 -79.91	89.84 3.40 -57.88	88.43 3.04 -58.91	61.77 2.85 -33.47	53.30 3.03 -24.11
KEDC_GLWD_GT4 24219	51.42 2.58 -19.50	47.96 2.41 -17.47	42.72 2.31 -12.95	44.54 2.26 -14.77	44.22 2.23 -14.49	50.27 3.04 -11.01	76.49 4.47 -18.83	86.72 4.95 -24.81	69.54 3.95 -20.14	59.94 3.20 -17.22	55.38 2.88 -16.57	53.93 2.80 -17.33	53.11 2.50 -19.69	54.38 2.46 -21.13	58.11 2.24 -27.92	72.72 2.21 -41.78	103.29 2.25 -73.29	114.49 2.62 -80.75	112.88 1.96 -87.09	107.31 2.01 -79.91	88.54 2.11 -57.87	87.28 1.91 -58.90	58.23 1.81 -30.98	52.20 1.94 -24.10
KEDC_GLWD_GT5 24220	51.42 2.58 -19.50	47.96 2.41 -17.47	42.72 2.31 -12.95	44.54 2.26 -14.77	44.22 2.23 -14.49	50.27 3.04 -11.01	76.49 4.47 -18.83	86.72 4.95 -24.81	69.54 3.95 -20.14	59.94 3.20 -17.22	55.38 2.88 -16.57	53.93 2.80 -17.33	53.11 2.50 -19.69	54.38 2.46 -21.13	58.11 2.24 -27.92	72.72 2.21 -41.78	103.29 2.25 -73.29	114.49 2.62 -80.75	112.88 1.96 -87.09	107.31 2.01 -79.91	88.54 2.11 -57.87	87.28 1.91 -58.90	58.23 1.81 -30.98	52.20 1.94 -24.10
KENSICO____ 23655	46.39 1.97 -15.09	42.12 1.85 -12.19	38.66 1.78 -9.42	38.52 1.76 -9.25	38.52 1.73 -9.28	43.45 2.32 -4.91	65.02 3.56 -8.26	74.86 4.10 -13.79	65.54 3.27 -16.82	59.36 2.65 -17.19	54.84 2.37 -16.54	53.39 2.30 -17.29	52.64 2.07 -19.66	53.88 2.00 -21.09	57.58 1.76 -27.86	58.86 1.78 -28.36	70.16 1.80 -40.60	100.72 2.09 -67.50	95.21 1.55 -69.82	71.22 1.63 -44.20	58.37 1.69 -28.13	57.76 1.54 -29.74	54.74 1.45 -27.84	51.75 1.54 -24.04
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	45.40 1.85 -14.22	41.27 1.71 -11.48	37.95 1.62 -8.87	37.85 1.62 -8.71	37.85 1.60 -8.74	42.96 2.06 -4.69	64.28 3.30 -7.79	73.66 3.70 -13.00	64.16 2.86 -15.85	57.97 2.25 -16.20	53.45 1.94 -15.58	51.84 1.76 -16.29	51.01 1.58 -18.52	52.20 1.54 -19.87	55.64 1.43 -26.25	56.61 1.18 -26.71	67.24 1.25 -38.24	96.26 1.56 -63.58	90.79 1.19 -65.76	68.19 1.17 -41.63	56.28 1.23 -26.49	55.89 1.40 -28.01	52.97 1.30 -26.22	50.58 1.39 -23.03
KIAC_JFK_GT1 23816	46.42 1.97 -15.12	42.11 1.82 -12.21	38.68 1.78 -9.43	38.51 1.73 -9.26	38.51 1.71 -9.30	43.46 2.32 -4.92	65.20 3.72 -8.28	75.17 4.39 -13.82	65.80 3.50 -16.85	59.59 2.85 -17.22	54.80 2.30 -16.57	53.35 2.23 -17.32	52.62 2.01 -19.69	53.86 1.94 -21.13	57.55 1.68 -27.91	58.86 1.72 -28.41	70.29 1.86 -40.68	100.91 2.15 -67.63	95.39 1.60 -69.95	71.36 1.68 -44.28	58.37 1.63 -28.18	57.73 1.46 -29.80	54.84 1.50 -27.90	51.79 1.54 -24.09
KIAC_JFK_GT2 23817	46.42 1.97 -15.12	42.11 1.82 -12.21	38.68 1.78 -9.43	38.51 1.73 -9.26	38.51 1.71 -9.30	43.46 2.32 -4.92	65.20 3.72 -8.28	75.17 4.39 -13.82	65.80 3.50 -16.85	59.59 2.85 -17.22	54.80 2.30 -16.57	53.35 2.23 -17.32	52.62 2.01 -19.69	53.86 1.94 -21.13	57.55 1.68 -27.91	58.86 1.72 -28.41	70.29 1.86 -40.68	100.91 2.15 -67.63	95.39 1.60 -69.95	71.36 1.68 -44.28	58.37 1.63 -28.18	57.73 1.46 -29.80	54.84 1.50 -27.90	51.79 1.54 -24.09

KIAC_JFK____ 323774	46.45 2.00 -15.12	42.11 1.82 -12.21	38.68 1.78 -9.43	38.51 1.73 -9.26	38.51 1.71 -9.30	43.49 2.35 -4.92	65.14 3.67 -8.28	75.16 4.39 -13.81	65.70 3.41 -16.84	59.58 2.85 -17.22	54.72 2.23 -16.56	53.31 2.20 -17.31	52.61 2.01 -19.69	53.85 1.94 -21.13	57.54 1.68 -27.90	58.92 1.69 -28.50	70.47 1.89 -40.83	101.22 2.21 -67.88	95.68 1.64 -70.20	71.51 1.68 -44.44	58.47 1.63 -28.28	57.81 1.43 -29.90	54.92 1.48 -27.99	51.76 1.52 -24.08
KINTIGH____ 23543	31.54 -1.11 -3.31	29.52 -1.24 -2.68	28.13 -1.40 -2.07	28.03 -1.51 -2.03	27.98 -1.57 -2.04	35.63 -1.67 -1.08	51.87 -3.14 -1.81	56.06 -4.10 -3.20	46.26 -3.09 -3.90	41.02 -2.49 -3.99	37.57 -2.19 -3.83	35.82 -1.86 -3.88	33.62 -1.61 -4.32	33.82 -1.60 -4.63	32.60 -1.48 -6.12	33.43 -1.52 -6.23	35.49 -1.67 -9.40	45.08 -1.62 -15.57	38.65 -1.34 -16.14	34.22 -1.40 -10.22	33.60 -1.46 -6.50	31.82 -1.54 -6.87	30.24 -1.32 -6.12	30.16 -1.20 -5.20
KNTFSRNC_46_KV_46KV_LOAD 80397	28.52 -0.82 0.00	27.49 -0.59 0.00	27.05 -0.41 0.00	27.18 -0.33 0.00	27.48 -0.03 0.00	36.32 0.11 0.00	54.31 1.12 0.00	58.21 1.25 0.00	46.40 0.95 0.00	40.23 0.71 0.00	36.72 0.79 0.00	34.10 0.30 0.00	31.01 0.09 0.00	30.88 0.09 0.00	28.13 0.17 0.00	28.93 0.20 0.00	28.17 0.42 0.00	31.60 0.47 0.00	23.99 0.14 0.00	25.30 -0.10 0.00	28.10 -0.46 0.00	26.45 -0.03 0.00	25.09 -0.36 0.00	25.61 -0.55 0.00
LACHUTE____HYDRO 323717	51.87 3.14 -19.39	46.83 3.09 -15.66	42.61 3.05 -12.10	42.48 3.08 -11.88	42.62 3.19 -11.93	48.60 4.38 -8.01	71.39 7.61 -10.60	82.16 7.52 -17.68	72.97 5.95 -21.56	65.83 4.27 -22.04	60.43 3.30 -21.20	58.90 2.94 -22.17	58.74 2.63 -25.20	60.48 2.65 -27.05	66.31 2.63 -35.72	67.89 2.79 -36.38	82.97 2.97 -52.25	121.43 3.42 -86.87	116.21 2.53 -89.84	85.06 2.79 -56.87	67.81 3.06 -36.19	67.27 2.52 -38.27	63.51 2.24 -35.83	59.13 2.15 -30.82
LAWRNCV_115KV_TB1 80681	29.26 -0.47 -0.39	28.00 -0.39 -0.32	27.51 -0.19 -0.24	27.59 -0.17 -0.24	27.67 -0.08 -0.24	35.88 -0.43 -0.10	52.50 -0.90 -0.21	56.46 -0.85 -0.36	45.11 -0.77 -0.44	39.45 -0.51 -0.45	36.03 -0.32 -0.43	33.77 -0.47 -0.45	30.93 -0.49 -0.51	30.87 -0.46 -0.55	28.35 -0.34 -0.72	28.96 -0.52 -0.75	28.58 -0.25 -1.07	32.38 -0.53 -1.78	25.42 -0.26 -1.84	26.21 -0.36 -1.17	28.59 -0.71 -0.74	26.87 -0.40 -0.78	25.90 -0.28 -0.73	26.50 -0.29 -0.63
LEDERLE____ 23769	45.77 1.88 -14.56	41.60 1.77 -11.76	38.25 1.70 -9.08	38.11 1.68 -8.92	38.11 1.65 -8.95	43.13 2.17 -4.74	64.52 3.35 -7.97	74.08 3.82 -13.31	64.72 3.05 -16.22	58.55 2.45 -16.58	54.07 2.19 -15.95	52.54 2.06 -16.68	51.76 1.89 -18.96	52.95 1.82 -20.35	56.46 1.62 -26.88	57.69 1.61 -27.35	68.53 1.61 -39.16	98.15 1.90 -65.12	92.58 1.38 -67.35	69.48 1.45 -42.64	57.24 1.54 -27.13	56.57 1.40 -28.69	53.66 1.35 -26.86	50.81 1.44 -23.21
LIGHTHSE_115KV_TB6 355974	31.09 -0.47 -2.22	29.39 -0.48 -1.80	28.33 -0.52 -1.39	28.35 -0.52 -1.36	28.27 -0.61 -1.37	36.17 -0.76 -0.72	53.45 -0.96 -1.22	57.97 -1.03 -2.03	47.06 -0.86 -2.48	41.30 -0.75 -2.53	37.65 -0.72 -2.44	35.77 -0.57 -2.55	33.28 -0.53 -2.90	33.40 -0.49 -3.11	31.59 -0.48 -4.10	32.50 -0.40 -4.18	33.32 -0.42 -5.98	40.64 -0.44 -9.95	33.90 -0.24 -10.29	31.71 -0.20 -6.52	32.54 -0.17 -4.15	30.62 -0.24 -4.38	29.35 -0.20 -4.10	29.42 -0.24 -3.50
LINDEN COGEN____ 23786	46.39 1.94 -15.12	42.06 1.77 -12.21	38.63 1.73 -9.43	38.45 1.68 -9.26	38.46 1.65 -9.30	43.38 2.25 -4.92	64.88 3.41 -8.28	74.76 3.99 -13.81	65.39 3.09 -16.84	59.30 2.57 -17.22	54.68 2.19 -16.56	53.34 2.23 -17.31	52.61 2.01 -19.69	53.85 1.94 -21.13	57.51 1.65 -27.90	58.86 1.64 -28.50	70.33 1.75 -40.83	101.07 2.05 -67.88	95.57 1.53 -70.20	71.38 1.55 -44.44	58.38 1.54 -28.28	57.76 1.38 -29.90	54.76 1.32 -27.99	51.68 1.44 -24.08
LINDHRST_69_KV_BK1 356055	54.47 3.37 -21.76	51.46 3.20 -20.18	43.25 3.10 -12.68	47.21 3.08 -16.61	47.19 3.03 -16.65	54.43 4.06 -14.16	83.66 6.17 -24.30	93.54 6.66 -29.92	72.34 5.23 -21.67	60.82 4.07 -17.23	56.27 3.77 -16.57	54.71 3.58 -17.33	53.83 3.21 -19.70	55.06 3.14 -21.14	58.71 2.82 -27.92	73.29 2.87 -41.69	103.84 2.94 -73.15	114.99 3.36 -80.50	113.22 2.53 -86.85	107.85 2.69 -79.76	89.23 2.88 -57.78	87.93 2.65 -58.80	61.07 2.67 -32.95	53.03 2.77 -24.10
LIPA_MISC_IPP 23656	55.24 3.67 -22.24	52.29 3.45 -20.76	43.00 3.35 -12.19	47.64 3.33 -16.80	47.81 3.30 -17.01	55.46 4.42 -14.83	85.36 6.70 -25.46	95.26 7.29 -31.01	73.08 5.64 -21.99	61.06 4.31 -17.23	56.52 4.02 -16.57	54.98 3.85 -17.33	54.01 3.40 -19.70	55.28 3.36 -21.14	58.90 3.02 -27.92	73.55 3.13 -41.70	104.24 3.33 -73.15	115.34 3.70 -80.50	113.46 2.77 -86.85	108.13 2.97 -79.76	89.60 3.26 -57.79	88.20 2.91 -58.81	61.71 2.88 -33.39	53.27 3.01 -24.10
LISF____SOLAR 323691	55.44 3.87 -22.23	52.46 3.62 -20.76	43.09 3.43 -12.20	47.69 3.38 -16.79	47.86 3.35 -17.00	55.67 4.64 -14.82	85.71 7.08 -25.45	95.53 7.58 -30.99	73.38 5.95 -21.98	61.36 4.62 -17.22	56.63 4.13 -16.57	55.04 3.92 -17.33	54.03 3.43 -19.69	55.36 3.45 -21.13	59.17 3.30 -27.92	73.87 3.36 -41.79	104.61 3.55 -73.30	115.93 4.05 -80.75	113.99 3.05 -87.09	108.49 3.17 -79.91	89.93 3.48 -57.89	88.49 3.10 -58.91	61.83 2.90 -33.48	53.35 3.09 -24.11
LITTLE FALLS____HYD 24013	30.58 0.85 -0.39	29.29 0.90 -0.32	28.58 0.88 -0.24	28.69 0.94 -0.24	28.68 0.94 -0.24	37.65 1.34 -0.10	55.48 2.07 -0.21	59.48 2.16 -0.36	47.61 1.73 -0.44	41.39 1.42 -0.44	37.65 1.29 -0.43	35.46 1.22 -0.45	32.47 1.05 -0.51	32.38 1.05 -0.55	29.63 0.95 -0.72	30.52 1.06 -0.73	29.86 1.05 -1.05	34.09 1.21 -1.75	26.56 0.91 -1.81	27.48 0.94 -1.15	30.32 1.03 -0.73	28.15 0.90 -0.77	27.03 0.87 -0.72	27.69 0.92 -0.61
LITTLRIV_115KV_TB1 356100	29.61 -0.15 -0.42	28.33 -0.08 -0.34	27.80 0.08 -0.26	27.91 0.14 -0.26	27.96 0.19 -0.26	36.35 0.04 -0.10	53.26 -0.16 -0.23	57.28 -0.06 -0.38	45.78 -0.14 -0.46	39.99 0.00 -0.47	36.53 0.14 -0.46	34.24 -0.03 -0.48	31.33 -0.12 -0.54	31.27 -0.09 -0.58	28.73 0.00 -0.77	29.36 -0.17 -0.81	29.00 0.08 -1.16	32.94 -0.12 -1.93	25.86 0.02 -2.00	26.64 -0.03 -1.26	29.08 -0.29 -0.80	27.25 -0.08 -0.85	26.24 0.00 -0.80	26.81 -0.03 -0.68
LI_NEWBRDGE____DRP 323616	54.47 2.64 -22.50	51.62 2.47 -21.07	41.81 2.42 -11.93	46.80 2.39 -16.90	47.07 2.37 -17.20	54.55 3.15 -15.19	83.96 4.68 -26.09	93.68 5.13 -31.59	71.75 4.14 -22.17	60.03 3.28 -17.23	55.52 3.02 -16.57	54.03 2.91 -17.33	53.24 2.63 -19.70	54.48 2.56 -21.14	58.15 2.26 -27.92	72.60 2.18 -41.70	103.09 2.19 -73.14	114.12 2.49 -80.50	112.55 1.86 -86.85	107.11 1.96 -79.76	88.42 2.08 -57.78	87.18 1.91 -58.80	61.08 2.01 -33.63	52.38 2.12 -24.10
LOCKPORT_115KV_TB60_63_64 80432	31.58 -1.23 -3.47	29.45 -1.43 -2.80	28.06 -1.57 -2.17	27.91 -1.73 -2.13	27.85 -1.79 -2.13	35.46 -1.88 -1.13	51.58 -3.51 -1.90	55.12 -4.67 -2.83	45.40 -3.50 -3.45	40.20 -2.85 -3.53	36.81 -2.51 -3.39	35.44 -2.16 -3.81	33.55 -1.89 -4.52	33.79 -1.85 -4.85	32.63 -1.73 -6.41	33.47 -1.78 -6.52	34.18 -1.94 -8.37	43.32 -1.84 -14.03	36.73 -1.55 -14.44	32.92 -1.63 -9.14	32.61 -1.77 -5.82	30.75 -1.88 -6.15	30.20 -1.65 -6.40	30.12 -1.49 -5.45

LOCKPORT___CC1 323769	31.53 -1.29 -3.49	29.46 -1.43 -2.82	28.07 -1.56 -2.18	27.92 -1.73 -2.14	27.84 -1.82 -2.14	35.36 -1.99 -1.14	51.48 -3.62 -1.91	55.06 -4.73 -2.83	45.54 -3.36 -3.45	40.20 -2.85 -3.52	36.84 -2.48 -3.39	35.49 -2.13 -3.82	33.57 -1.89 -4.54	33.78 -1.88 -4.87	32.66 -1.73 -6.44	33.41 -1.81 -6.49	34.01 -2.00 -8.26	43.04 -1.93 -13.84	36.55 -1.62 -14.33	32.70 -1.78 -9.08	32.48 -1.86 -5.78	30.68 -1.91 -6.11	30.20 -1.65 -6.40	30.18 -1.49 -5.51
LOCKPORT___CC2 323770	31.53 -1.29 -3.49	29.46 -1.43 -2.82	28.07 -1.56 -2.18	27.92 -1.73 -2.14	27.84 -1.82 -2.14	35.36 -1.99 -1.14	51.48 -3.62 -1.91	55.06 -4.73 -2.83	45.54 -3.36 -3.45	40.20 -2.85 -3.52	36.84 -2.48 -3.39	35.49 -2.13 -3.82	33.57 -1.89 -4.54	33.78 -1.88 -4.87	32.66 -1.73 -6.44	33.41 -1.81 -6.49	34.01 -2.00 -8.26	43.04 -1.93 -13.84	36.55 -1.62 -14.33	32.70 -1.78 -9.08	32.48 -1.86 -5.78	30.68 -1.91 -6.11	30.20 -1.65 -6.40	30.18 -1.49 -5.51
LOCKPORT___CC3 323771	31.53 -1.29 -3.49	29.46 -1.43 -2.82	28.07 -1.56 -2.18	27.92 -1.73 -2.14	27.84 -1.82 -2.14	35.36 -1.99 -1.14	51.48 -3.62 -1.91	55.06 -4.73 -2.83	45.54 -3.36 -3.45	40.20 -2.85 -3.52	36.84 -2.48 -3.39	35.49 -2.13 -3.82	33.57 -1.89 -4.54	33.78 -1.88 -4.87	32.66 -1.73 -6.44	33.41 -1.81 -6.49	34.01 -2.00 -8.26	43.04 -1.93 -13.84	36.55 -1.62 -14.33	32.70 -1.78 -9.08	32.48 -1.86 -5.78	30.68 -1.91 -6.11	30.20 -1.65 -6.40	30.18 -1.49 -5.51
LONG_LAKE_PHOENIX 24014	31.28 -0.56 -2.50	29.53 -0.56 -2.02	28.41 -0.60 -1.56	28.44 -0.61 -1.53	28.38 -0.66 -1.54	36.23 -0.80 -0.81	53.34 -1.22 -1.37	57.99 -1.25 -2.28	47.28 -0.95 -2.78	41.61 -0.75 -2.84	37.98 -0.68 -2.74	36.08 -0.57 -2.86	33.67 -0.49 -3.25	33.78 -0.49 -3.49	32.10 -0.48 -4.61	32.96 -0.46 -4.69	33.98 -0.50 -6.72	41.80 -0.50 -11.17	35.07 -0.33 -11.56	32.38 -0.33 -7.32	32.99 -0.23 -4.66	31.11 -0.29 -4.92	29.77 -0.28 -4.61	29.80 -0.29 -3.93
LOVETT___3 23632	45.68 1.73 -14.61	41.48 1.60 -11.80	38.14 1.57 -9.12	38.01 1.54 -8.95	38.01 1.51 -8.99	42.97 1.99 -4.76	64.28 3.09 -8.00	73.85 3.53 -13.36	64.51 2.77 -16.29	58.42 2.25 -16.65	53.92 1.98 -16.01	52.47 1.93 -16.74	51.68 1.73 -19.03	52.87 1.66 -20.42	56.42 1.48 -26.98	57.65 1.46 -27.46	68.51 1.44 -39.31	98.17 1.68 -65.36	92.69 1.24 -67.60	69.49 1.30 -42.80	57.17 1.37 -27.23	56.52 1.24 -28.80	53.60 1.20 -26.96	50.73 1.28 -23.29
LOVETT___4 23642	45.68 1.73 -14.61	41.48 1.60 -11.80	38.14 1.57 -9.12	38.01 1.54 -8.95	38.01 1.51 -8.99	42.97 1.99 -4.76	64.28 3.09 -8.00	73.85 3.53 -13.36	64.51 2.77 -16.29	58.42 2.25 -16.65	53.92 1.98 -16.01	52.47 1.93 -16.74	51.68 1.73 -19.03	52.87 1.66 -20.42	56.42 1.48 -26.98	57.65 1.46 -27.46	68.51 1.44 -39.31	98.17 1.68 -65.36	92.69 1.24 -67.60	69.49 1.30 -42.80	57.17 1.37 -27.23	56.52 1.24 -28.80	53.60 1.20 -26.96	50.73 1.28 -23.29
LOVETT___5 23593	45.68 1.73 -14.61	41.48 1.60 -11.80	38.14 1.57 -9.12	38.01 1.54 -8.95	38.01 1.51 -8.99	42.97 1.99 -4.76	64.28 3.09 -8.00	73.85 3.53 -13.36	64.51 2.77 -16.29	58.42 2.25 -16.65	53.92 1.98 -16.01	52.47 1.93 -16.74	51.68 1.73 -19.03	52.87 1.66 -20.42	56.42 1.48 -26.98	57.65 1.46 -27.46	68.51 1.44 -39.31	98.17 1.68 -65.36	92.69 1.24 -67.60	69.49 1.30 -42.80	57.17 1.37 -27.23	56.52 1.24 -28.80	53.60 1.20 -26.96	50.73 1.28 -23.29
LOWER_RAQUET___HYD 24057	29.25 -0.53 -0.44	27.98 -0.45 -0.36	27.49 -0.25 -0.27	27.56 -0.22 -0.27	27.64 -0.14 -0.27	35.82 -0.51 -0.11	52.43 -1.01 -0.25	56.40 -0.97 -0.41	45.04 -0.91 -0.50	39.40 -0.63 -0.51	36.03 -0.39 -0.49	33.77 -0.54 -0.51	30.91 -0.59 -0.59	30.86 -0.55 -0.63	28.32 -0.48 -0.83	28.93 -0.63 -0.84	28.62 -0.33 -1.20	32.50 -0.62 -1.99	25.56 -0.33 -2.05	26.27 -0.43 -1.30	28.62 -0.77 -0.83	26.85 -0.50 -0.87	25.91 -0.36 -0.82	26.51 -0.34 -0.69
LOWER___HUDSON 24059	50.12 1.73 -19.05	45.12 1.66 -15.39	40.97 1.62 -11.89	40.78 1.60 -11.67	40.84 1.62 -11.71	45.94 2.14 -7.59	66.86 3.25 -10.42	77.72 3.36 -17.40	69.39 2.73 -21.21	63.42 2.21 -21.68	58.69 1.90 -20.86	57.36 1.76 -21.81	57.34 1.64 -24.79	59.02 1.63 -26.61	64.61 1.51 -35.14	66.10 1.58 -35.80	80.61 1.53 -51.33	118.18 1.71 -85.34	113.41 1.31 -88.26	82.67 1.40 -55.87	65.63 1.51 -35.55	65.45 1.38 -37.60	61.92 1.27 -35.20	57.75 1.31 -30.28
LOWVILLE_115KV_TB2 356335	30.57 0.15 -1.08	29.06 0.11 -0.87	28.22 0.08 -0.68	28.31 0.14 -0.66	28.28 0.11 -0.67	36.66 0.18 -0.27	54.37 0.59 -0.59	58.52 0.57 -0.99	46.93 0.27 -1.21	40.52 -0.24 -1.23	36.90 -0.22 -1.19	34.77 -0.27 -1.24	32.14 -0.19 -1.41	32.17 -0.12 -1.51	30.13 0.17 -2.00	31.02 0.26 -2.04	31.04 0.36 -2.92	35.96 -0.03 -4.86	29.30 0.43 -5.03	29.06 0.48 -3.18	30.84 0.26 -2.02	28.88 0.26 -2.14	27.65 0.20 -2.00	28.05 0.18 -1.71
LUTHERFT_115KV_GLOB_FND_222 355753	50.70 1.99 -19.36	45.63 1.91 -15.64	41.41 1.87 -12.09	41.25 1.87 -11.87	41.31 1.90 -11.91	46.77 2.57 -7.98	68.11 4.31 -10.61	78.99 4.33 -17.70	70.44 3.41 -21.58	64.23 2.65 -22.06	59.31 2.16 -21.22	57.95 1.96 -22.19	57.93 1.79 -25.23	59.67 1.82 -27.07	65.45 1.73 -35.75	66.93 1.78 -36.42	81.68 1.78 -52.15	119.86 2.02 -86.71	115.07 1.55 -89.68	83.85 1.68 -56.77	66.52 1.83 -36.13	66.27 1.59 -38.20	62.66 1.45 -35.76	58.41 1.46 -30.78
LUTHERNY_35_KV_BK2 355980	50.70 1.99 -19.36	45.65 1.94 -15.64	41.44 1.89 -12.09	41.28 1.90 -11.87	41.34 1.93 -11.91	46.77 2.57 -7.98	68.16 4.36 -10.61	79.05 4.39 -17.70	70.44 3.41 -21.58	64.27 2.69 -22.06	59.34 2.19 -21.22	57.98 1.99 -22.19	57.93 1.79 -25.23	59.67 1.82 -27.07	65.45 1.73 -35.75	66.96 1.81 -36.42	81.71 1.80 -52.15	119.89 2.05 -86.71	115.10 1.57 -89.68	83.87 1.70 -56.77	66.54 1.86 -36.13	66.30 1.62 -38.20	62.69 1.48 -35.76	58.44 1.49 -30.78
LWR___OSWEGATCHIE_HYD 23850	29.64 -0.50 -0.81	28.28 -0.45 -0.65	27.61 -0.36 -0.50	27.70 -0.30 -0.49	27.70 -0.30 -0.50	35.87 -0.54 -0.20	52.94 -0.69 -0.44	56.96 -0.74 -0.74	45.62 -0.73 -0.90	39.65 -0.79 -0.92	36.16 -0.65 -0.88	34.01 -0.71 -0.92	31.31 -0.65 -1.05	31.29 -0.62 -1.13	29.03 -0.42 -1.49	29.76 -0.49 -1.53	29.66 -0.28 -2.19	34.17 -0.59 -3.63	27.41 -0.19 -3.76	27.57 -0.20 -2.38	29.56 -0.51 -1.51	27.71 -0.37 -1.60	26.64 -0.31 -1.50	27.10 -0.34 -1.28
LYONS_FALL_HYD 23570	30.73 0.38 -1.02	29.23 0.34 -0.82	28.37 0.27 -0.63	28.47 0.33 -0.62	28.44 0.30 -0.62	36.97 0.51 -0.25	54.81 1.06 -0.56	58.97 1.08 -0.93	47.36 0.77 -1.13	41.03 0.35 -1.16	37.37 0.32 -1.11	35.20 0.24 -1.17	32.46 0.22 -1.33	32.48 0.28 -1.42	30.23 0.39 -1.88	31.05 0.43 -1.89	31.02 0.55 -2.71	36.01 0.37 -4.50	29.03 0.55 -4.64	28.95 0.61 -2.94	31.06 0.63 -1.87	28.88 0.42 -1.98	27.65 0.36 -1.85	28.09 0.34 -1.59
MADISON___COUNTY_LFGE 323628	31.79 0.82 -1.63	30.15 0.76 -1.32	29.17 0.69 -1.02	29.23 0.72 -1.00	29.17 0.66 -1.00	37.82 1.09 -0.52	55.95 2.05 -0.89	60.50 1.55 -1.49	48.81 1.55 -1.82	42.60 1.23 -1.86	38.83 1.11 -1.79	36.72 1.05 -1.87	33.93 0.90 -2.12	33.99 0.92 -2.28	31.81 0.84 -3.01	32.74 0.95 -3.07	33.06 0.92 -4.39	39.43 1.00 -7.30	32.21 0.81 -7.55	31.07 0.89 -4.78	32.63 1.03 -3.04	30.46 0.77 -3.22	29.15 0.69 -3.01	29.46 0.73 -2.56

MALONE___115KV_TB1 356076	28.55 -0.79 0.00	27.49 -0.59 0.00	27.05 -0.41 0.00	27.21 -0.30 0.00	27.45 -0.06 0.00	36.14 -0.07 0.00	53.62 0.43 0.00	57.59 0.63 0.00	45.90 0.45 0.00	39.92 0.40 0.00	36.43 0.50 0.00	33.93 0.14 0.00	30.88 -0.03 0.00	30.72 -0.06 0.00	27.99 0.03 0.00	28.70 -0.03 0.00	27.89 0.14 0.00	31.19 0.06 0.00	23.77 -0.07 0.00	25.12 -0.28 0.00	27.93 -0.63 0.00	26.24 -0.24 0.00	25.04 -0.41 0.00	25.61 -0.55 0.00
MAPLEWOD_115KV_TB3 80458	49.99 1.67 -18.98	45.01 1.60 -15.33	40.87 1.57 -11.85	40.71 1.57 -11.63	40.75 1.57 -11.67	45.54 2.10 -7.23	66.51 2.93 -10.40	77.33 3.02 -17.35	69.02 2.41 -21.16	63.16 2.02 -21.63	58.53 1.80 -20.80	57.24 1.69 -21.75	57.22 1.58 -24.73	58.89 1.57 -26.54	64.43 1.43 -35.05	65.80 1.46 -35.61	80.11 1.36 -50.99	117.44 1.53 -84.78	112.68 1.14 -87.69	82.16 1.24 -55.51	65.26 1.37 -35.33	65.05 1.22 -37.36	61.54 1.12 -34.97	57.49 1.15 -30.18
MAPLE_RIDGE_WT_1 323574	28.90 -0.44 0.00	27.68 -0.39 0.00	27.16 -0.30 0.00	27.24 -0.28 0.00	27.29 -0.22 0.00	35.89 -0.33 0.00	52.71 -0.48 0.00	56.34 -0.63 0.00	44.77 -0.68 0.00	38.85 -0.67 0.00	35.21 -0.72 0.00	32.99 -0.81 0.00	30.17 -0.74 0.00	30.04 -0.74 0.00	27.35 -0.62 0.00	28.09 -0.63 0.00	27.20 -0.55 0.00	30.41 -0.71 0.00	23.25 -0.60 0.00	24.69 -0.71 0.00	27.67 -0.89 0.00	25.68 -0.79 0.00	24.68 -0.76 0.00	25.35 -0.81 0.00
MAPLE_RIDGE_WT_2 323611	28.90 -0.44 0.00	27.68 -0.39 0.00	27.16 -0.30 0.00	27.24 -0.28 0.00	27.29 -0.22 0.00	35.89 -0.33 0.00	52.71 -0.48 0.00	56.34 -0.63 0.00	44.77 -0.68 0.00	38.85 -0.67 0.00	35.21 -0.72 0.00	32.99 -0.81 0.00	30.17 -0.74 0.00	30.04 -0.74 0.00	27.35 -0.62 0.00	28.09 -0.63 0.00	27.20 -0.55 0.00	30.41 -0.71 0.00	23.25 -0.60 0.00	24.69 -0.71 0.00	27.67 -0.89 0.00	25.68 -0.79 0.00	24.68 -0.76 0.00	25.35 -0.81 0.00
MARBLE_RIVER_WT_PWR 323696	28.11 -1.23 0.00	27.12 -0.95 0.00	26.75 -0.71 0.00	26.93 -0.58 0.00	27.21 -0.30 0.00	35.96 -0.25 0.00	53.46 0.27 0.00	57.13 0.17 0.00	45.59 0.14 0.00	39.68 0.16 0.00	36.18 0.25 0.00	33.70 -0.10 0.00	30.63 -0.28 0.00	30.54 -0.25 0.00	27.74 -0.22 0.00	28.49 -0.23 0.00	27.67 -0.08 0.00	30.91 -0.22 0.00	23.49 -0.36 0.00	24.82 -0.58 0.00	27.62 -0.94 0.00	25.97 -0.50 0.00	24.78 -0.66 0.00	25.38 -0.78 0.00
MARSHVLE_115KV_TB1 80742	53.96 1.29 -23.33	48.16 1.24 -18.85	43.20 1.18 -14.56	43.02 1.21 -14.30	43.15 1.29 -14.35	46.75 1.96 -8.58	69.54 3.56 -12.78	81.77 3.47 -21.33	73.87 2.41 -26.01	67.76 1.66 -26.58	62.72 1.22 -25.57	61.65 1.12 -26.74	62.21 0.90 -30.40	64.36 0.95 -32.62	72.05 1.01 -43.08	74.09 1.29 -44.08	92.25 1.39 -63.11	137.77 1.71 -104.93	133.70 1.34 -108.53	95.60 1.50 -68.70	73.88 1.60 -43.72	73.93 1.22 -46.23	69.72 0.99 -43.28	63.28 0.92 -36.20
MARSH_HILL_WT_PWR 323713	33.58 -0.15 -4.39	31.34 -0.28 -3.54	29.81 -0.38 -2.74	29.73 -0.47 -2.69	29.63 -0.58 -2.70	37.18 -0.47 -1.44	54.37 -1.22 -2.40	59.29 -1.54 -3.87	48.98 -1.18 -4.71	43.23 -1.11 -4.82	39.63 -0.93 -4.64	37.94 -0.81 -4.95	35.92 -0.71 -5.71	36.24 -0.68 -6.13	35.50 -0.56 -8.10	36.22 -0.66 -8.15	38.32 -0.83 -11.39	49.31 -0.81 -18.99	42.47 -0.76 -19.39	36.89 -0.79 -12.28	35.66 -0.71 -7.81	33.92 -0.82 -8.26	32.68 -0.76 -8.00	32.39 -0.65 -6.88
MCINTYRE_115KV_TB2 80467	29.77 0.06 -0.38	28.49 0.11 -0.31	27.97 0.27 -0.24	28.07 0.33 -0.23	28.13 0.39 -0.23	36.63 0.33 -0.09	54.30 0.90 -0.21	58.33 1.03 -0.35	46.51 0.64 -0.42	40.58 0.63 -0.43	36.99 0.65 -0.41	34.71 0.47 -0.43	31.72 0.31 -0.49	31.65 0.34 -0.53	29.11 0.45 -0.70	29.70 0.34 -0.63	29.26 0.61 -0.90	33.15 0.53 -1.49	25.91 0.52 -1.54	26.88 0.51 -0.98	29.21 0.03 -0.62	27.32 0.19 -0.66	26.26 0.20 -0.61	26.84 0.16 -0.52
MECO___69_KV_BK1 80468	54.20 2.58 -22.28	48.57 2.50 -17.99	43.81 2.44 -13.90	43.67 2.50 -13.65	43.85 2.64 -13.70	48.43 3.73 -8.48	71.62 6.22 -12.20	83.42 6.09 -20.36	74.82 4.55 -24.83	68.14 3.24 -25.38	62.82 2.48 -24.41	61.65 2.33 -25.52	62.03 2.10 -29.02	64.14 2.22 -31.14	71.41 2.32 -41.13	73.41 2.59 -42.10	90.84 2.80 -60.28	134.53 3.18 -100.23	129.87 2.36 -103.67	93.67 2.64 -65.63	73.18 2.86 -41.76	72.92 2.28 -44.16	68.75 1.96 -41.34	62.53 1.83 -34.54
MENANDS_115KV_TB5 355628	49.84 1.55 -18.95	44.87 1.49 -15.31	40.71 1.43 -11.83	40.55 1.43 -11.61	40.59 1.43 -11.65	45.30 1.92 -7.17	66.18 2.61 -10.38	76.90 2.62 -17.32	68.71 2.14 -21.12	62.93 1.82 -21.59	58.35 1.65 -20.77	57.10 1.59 -21.71	57.05 1.45 -24.69	58.72 1.45 -26.49	64.26 1.31 -34.99	65.59 1.35 -35.51	79.80 1.19 -50.85	116.98 1.31 -84.54	112.29 1.00 -87.44	81.85 1.09 -55.35	64.96 1.17 -35.23	64.79 1.06 -37.25	61.31 0.99 -34.87	57.31 1.02 -30.13
MG INDUSTRY___DRP 24185	49.52 1.58 -18.60	44.61 1.52 -15.02	40.55 1.48 -11.61	40.39 1.49 -11.39	40.43 1.49 -11.44	44.74 1.96 -6.57	65.98 2.61 -10.18	76.52 2.56 -17.00	68.22 2.05 -20.73	62.44 1.74 -21.19	57.89 1.58 -20.38	56.63 1.52 -21.31	56.53 1.39 -24.22	58.16 1.39 -26.00	63.58 1.29 -34.33	64.90 1.32 -34.85	78.85 1.19 -49.90	115.44 1.34 -82.97	110.69 1.03 -85.82	80.87 1.14 -54.32	64.36 1.23 -34.57	64.15 1.11 -36.56	60.71 1.04 -34.22	56.81 1.07 -29.58
MID___OSWEGATCHIE_HYD 23849	29.64 -0.50 -0.81	28.28 -0.45 -0.65	27.61 -0.36 -0.50	27.70 -0.30 -0.49	27.70 -0.30 -0.50	35.87 -0.54 -0.20	52.94 -0.69 -0.44	56.96 -0.74 -0.74	45.62 -0.73 -0.90	39.65 -0.79 -0.92	36.16 -0.65 -0.88	34.01 -0.71 -0.92	31.31 -0.65 -1.05	31.29 -0.62 -1.13	29.03 -0.42 -1.49	29.76 -0.49 -1.53	29.66 -0.28 -2.19	34.17 -0.59 -3.63	27.41 -0.19 -3.76	27.57 -0.20 -2.38	29.56 -0.51 -1.51	27.71 -0.37 -1.60	26.64 -0.31 -1.50	27.10 -0.34 -1.28
MID___RAQUETTE_HYD 23851	29.25 -0.53 -0.44	27.98 -0.45 -0.36	27.49 -0.25 -0.27	27.56 -0.22 -0.27	27.64 -0.14 -0.27	35.82 -0.51 -0.11	52.42 -1.01 -0.24	56.39 -0.97 -0.40	45.08 -0.86 -0.49	39.39 -0.63 -0.50	36.02 -0.40 -0.48	33.76 -0.54 -0.50	30.93 -0.56 -0.57	30.84 -0.55 -0.62	28.35 -0.42 -0.81	28.94 -0.63 -0.84	28.63 -0.33 -1.21	32.52 -0.62 -2.01	25.59 -0.33 -2.08	26.28 -0.43 -1.32	28.60 -0.80 -0.84	26.86 -0.50 -0.89	25.92 -0.36 -0.83	26.53 -0.34 -0.71
MILLIKEN___1 23584	34.28 0.67 -4.27	32.09 0.56 -3.45	30.59 0.47 -2.66	30.60 0.47 -2.62	30.52 0.39 -2.63	38.34 0.72 -1.40	56.70 1.17 -2.34	62.20 1.37 -3.87	51.21 1.05 -4.72	45.21 0.87 -4.82	41.32 0.75 -4.64	39.42 0.74 -4.87	37.15 0.68 -5.56	37.43 0.68 -5.97	36.46 0.62 -7.88	37.47 0.72 -8.03	39.81 0.67 -11.39	50.92 0.84 -18.95	44.08 0.64 -19.60	38.54 0.74 -12.41	37.37 0.91 -7.90	35.49 0.66 -8.35	33.91 0.59 -7.88	33.42 0.58 -6.68
MILLIKEN___2 23585	34.28 0.67 -4.27	32.09 0.56 -3.45	30.59 0.47 -2.66	30.60 0.47 -2.62	30.52 0.39 -2.63	38.34 0.72 -1.40	56.70 1.17 -2.34	62.20 1.37 -3.87	51.21 1.05 -4.72	45.21 0.87 -4.82	41.32 0.75 -4.64	39.42 0.74 -4.87	37.15 0.68 -5.56	37.43 0.68 -5.97	36.46 0.62 -7.88	37.47 0.72 -8.03	39.81 0.67 -11.39	50.92 0.84 -18.95	44.08 0.64 -19.60	38.54 0.74 -12.41	37.37 0.91 -7.90	35.49 0.66 -8.35	33.91 0.59 -7.88	33.42 0.58 -6.68

MILLIKEN___DIESEL 23629	34.28 0.67 -4.27	32.09 0.56 -3.45	30.59 0.47 -2.66	30.60 0.47 -2.62	30.52 0.39 -2.63	38.34 0.72 -1.40	56.70 1.17 -2.34	62.20 1.37 -3.87	51.21 1.05 -4.72	45.21 0.87 -4.82	41.32 0.75 -4.64	39.42 0.74 -4.87	37.15 0.68 -5.56	37.43 0.68 -5.97	36.46 0.62 -7.88	37.47 0.72 -8.03	39.81 0.67 -11.39	50.92 0.84 -18.95	44.08 0.64 -19.60	38.54 0.74 -12.41	37.37 0.91 -7.90	35.49 0.66 -8.35	33.91 0.59 -7.88	33.42 0.58 -6.68
MILLSEAT___LFGE 323607	31.93 -0.82 -3.41	29.82 -1.01 -2.76	28.46 -1.13 -2.13	28.31 -1.29 -2.09	28.26 -1.35 -2.10	35.99 -1.34 -1.11	52.67 -2.39 -1.87	56.67 -3.13 -2.84	46.78 -2.14 -3.46	41.24 -1.82 -3.54	37.75 -1.58 -3.40	36.28 -1.28 -3.77	34.21 -1.14 -4.44	34.41 -1.14 -4.77	33.17 -1.09 -6.30	33.93 -1.15 -6.35	34.71 -1.33 -8.28	43.90 -1.09 -13.86	37.23 -1.00 -14.39	33.39 -1.12 -9.11	33.19 -1.17 -5.80	31.31 -1.30 -6.13	30.58 -1.14 -6.28	30.51 -1.05 -5.40
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	46.28 1.91 -15.03	42.02 1.80 -12.14	38.57 1.73 -9.38	38.43 1.71 -9.21	38.43 1.68 -9.25	43.32 2.21 -4.90	64.83 3.40 -8.23	74.63 3.93 -13.74	65.34 3.14 -16.76	59.18 2.53 -17.13	54.67 2.26 -16.48	53.19 2.16 -17.22	52.48 1.98 -19.58	53.71 1.91 -21.02	57.40 1.68 -27.76	58.67 1.69 -28.25	69.92 1.72 -40.45	100.38 1.99 -67.25	94.88 1.48 -69.56	70.98 1.55 -44.03	58.21 1.63 -28.02	57.59 1.48 -29.63	54.59 1.40 -27.74	51.58 1.46 -23.96
MILLWOOD_13_KV_LOAD 356217	46.40 2.02 -15.03	42.10 1.88 -12.14	38.66 1.81 -9.38	38.51 1.79 -9.21	38.46 1.71 -9.25	43.39 2.28 -4.90	65.04 3.62 -8.23	74.86 4.16 -13.74	65.48 3.27 -16.76	59.33 2.69 -17.13	54.78 2.37 -16.48	53.32 2.30 -17.22	52.57 2.07 -19.58	53.80 2.00 -21.02	57.48 1.76 -27.76	58.79 1.81 -28.25	70.04 1.83 -40.45	100.50 2.12 -67.25	94.98 1.57 -69.56	71.06 1.63 -44.03	58.30 1.71 -28.02	57.67 1.56 -29.63	54.66 1.48 -27.74	51.66 1.54 -23.96
MODEL_CITY_ENERGY 24167	31.29 -1.56 -3.50	29.22 -1.68 -2.83	27.83 -1.81 -2.19	27.68 -1.98 -2.15	27.63 -2.04 -2.16	35.04 -2.32 -1.14	51.02 -4.09 -1.92	54.49 -5.30 -2.82	45.07 -3.82 -3.44	39.79 -3.24 -3.51	36.47 -2.84 -3.38	35.16 -2.47 -3.82	33.28 -2.19 -4.56	33.50 -2.18 -4.90	32.45 -1.98 -6.47	33.18 -2.07 -6.52	33.71 -2.28 -8.23	42.69 -2.24 -13.80	36.29 -1.84 -14.28	32.44 -2.01 -9.04	32.20 -2.11 -5.76	30.42 -2.14 -6.09	30.00 -1.88 -6.43	30.00 -1.70 -5.54
MODERN_LFGE___ 323580	31.29 -1.56 -3.50	29.22 -1.68 -2.83	27.83 -1.81 -2.19	27.68 -1.98 -2.15	27.63 -2.04 -2.16	35.04 -2.32 -1.14	51.02 -4.09 -1.92	54.49 -5.30 -2.82	45.07 -3.82 -3.44	39.79 -3.24 -3.51	36.47 -2.84 -3.38	35.16 -2.47 -3.82	33.28 -2.19 -4.56	33.50 -2.18 -4.90	32.45 -1.98 -6.47	33.18 -2.07 -6.52	33.71 -2.28 -8.23	42.69 -2.24 -13.80	36.29 -1.84 -14.28	32.44 -2.01 -9.04	32.20 -2.11 -5.76	30.42 -2.14 -6.09	30.00 -1.88 -6.43	30.00 -1.70 -5.54
MOHAWK_PAPER___DRP 24187	49.99 1.67 -18.98	45.01 1.60 -15.33	40.87 1.57 -11.85	40.71 1.57 -11.63	40.75 1.57 -11.67	45.54 2.10 -7.23	66.51 2.93 -10.40	77.33 3.02 -17.35	69.02 2.41 -21.16	63.16 2.02 -21.63	58.53 1.80 -20.80	57.24 1.69 -21.75	57.22 1.58 -24.73	58.89 1.57 -26.54	64.43 1.43 -35.05	65.80 1.46 -35.61	80.11 1.36 -50.99	117.44 1.53 -84.78	112.68 1.14 -87.69	82.16 1.24 -55.51	65.26 1.37 -35.33	65.05 1.22 -37.36	61.54 1.12 -34.97	57.49 1.15 -30.18
MOHICAN___35_KV_115KV_LD 80490	50.63 1.91 -19.38	45.56 1.82 -15.65	41.37 1.81 -12.10	41.20 1.82 -11.88	41.32 1.90 -11.92	46.78 2.57 -8.00	68.49 4.68 -10.62	79.29 4.61 -17.72	70.60 3.55 -21.60	64.21 2.61 -22.08	59.18 2.01 -21.24	57.76 1.76 -22.21	57.74 1.58 -25.25	59.48 1.60 -27.09	65.31 1.57 -35.78	66.72 1.64 -36.36	81.53 1.72 -52.05	119.67 1.99 -86.55	114.86 1.50 -89.52	83.74 1.68 -56.67	66.42 1.80 -36.06	66.07 1.46 -38.14	62.47 1.32 -35.70	58.25 1.28 -30.81
MONGAUP___HYD 23641	44.95 1.79 -13.83	40.93 1.68 -11.17	37.74 1.65 -8.63	37.61 1.62 -8.47	37.63 1.62 -8.50	42.75 2.03 -4.51	63.26 2.50 -7.57	71.76 2.16 -12.63	62.85 2.00 -15.40	57.00 1.74 -15.74	52.47 1.40 -15.15	51.12 1.49 -15.83	50.27 1.36 -18.00	51.46 1.35 -19.32	54.57 1.09 -25.51	55.98 1.15 -26.10	66.06 0.91 -37.39	94.45 1.15 -62.16	89.01 0.88 -64.28	67.16 1.07 -40.69	55.71 1.26 -25.90	55.03 1.16 -27.38	52.17 1.09 -25.64	49.52 1.31 -22.05
MONTAUK___DIESEL 23721	56.33 4.75 -22.24	53.33 4.49 -20.76	44.02 4.37 -12.19	48.65 4.35 -16.80	48.80 4.29 -17.00	56.80 5.76 -14.83	87.48 8.83 -25.46	97.65 9.68 -31.00	74.94 7.50 -21.99	62.52 5.77 -17.23	57.85 5.35 -16.57	56.19 5.07 -17.33	55.06 4.45 -19.70	56.36 4.43 -21.14	59.91 4.03 -27.92	74.67 4.25 -41.70	105.48 4.58 -73.15	116.80 5.17 -80.50	114.55 3.86 -86.85	109.27 4.11 -79.76	90.83 4.48 -57.79	89.28 4.00 -58.81	62.68 3.84 -33.39	54.24 3.98 -24.10
MOONROAD_115KV_HARTFLD_TB1-2 355988	32.33 -0.79 -3.79	30.07 -1.07 -3.06	28.59 -1.24 -2.36	28.29 -1.54 -2.32	28.16 -1.68 -2.33	35.53 -1.92 -1.24	51.97 -3.30 -2.07	56.15 -3.93 -3.12	46.24 -3.00 -3.79	40.90 -2.49 -3.87	37.51 -2.16 -3.74	35.97 -1.99 -4.16	34.08 -1.76 -4.93	34.35 -1.72 -5.29	33.33 -1.62 -6.99	34.09 -1.75 -7.12	35.13 -1.83 -9.21	44.84 -1.71 -15.42	38.20 -1.53 -15.88	33.83 -1.63 -10.06	33.22 -1.74 -6.40	31.42 -1.83 -6.77	30.78 -1.65 -6.99	30.61 -1.49 -5.94
MORTIMER_115KV_TB3 55949	31.92 -0.56 -3.14	29.93 -0.67 -2.53	28.62 -0.80 -1.96	28.55 -0.88 -1.92	28.47 -0.96 -1.93	36.37 -0.87 -1.02	53.37 -1.54 -1.72	57.89 -1.94 -2.87	47.54 -1.41 -3.49	42.03 -1.07 -3.57	38.43 -0.93 -3.44	36.71 -0.68 -3.59	34.41 -0.59 -4.08	34.58 -0.58 -4.38	33.11 -0.64 -5.79	34.02 -0.60 -5.89	35.47 -0.72 -8.44	44.60 -0.56 -14.03	37.81 -0.55 -14.51	34.03 -0.56 -9.19	33.84 -0.57 -5.85	31.95 -0.71 -6.18	30.60 -0.64 -5.79	30.49 -0.60 -4.93
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	46.54 2.08 -15.12	42.23 1.94 -12.21	38.79 1.89 -9.44	38.65 1.87 -9.27	38.62 1.82 -9.30	43.57 2.43 -4.92	65.14 3.67 -8.28	75.05 4.27 -13.82	65.71 3.41 -16.85	59.55 2.81 -17.23	54.98 2.48 -16.57	53.56 2.43 -17.32	52.80 2.19 -19.70	54.01 2.09 -21.14	57.72 1.85 -27.92	59.01 1.87 -28.41	70.35 1.92 -40.68	100.98 2.21 -67.64	95.43 1.62 -69.96	71.39 1.70 -44.29	58.49 1.74 -28.18	57.87 1.59 -29.80	54.85 1.50 -27.90	51.87 1.62 -24.09
MUNSVILLE_WIND_PWR 323609	37.84 2.46 -6.04	35.23 2.27 -4.88	33.23 2.00 -3.77	33.30 2.09 -3.70	33.15 1.92 -3.71	41.38 3.19 -1.98	62.19 5.69 -3.31	68.65 6.21 -5.48	56.90 4.77 -6.68	50.26 3.91 -6.82	46.05 3.56 -6.56	44.07 3.38 -6.90	41.62 2.84 -7.87	42.06 2.83 -8.44	41.65 2.54 -11.15	41.99 2.67 -10.59	45.37 2.61 -15.01	59.24 3.14 -24.97	51.91 2.34 -25.73	44.20 2.52 -16.29	41.75 2.83 -10.36	39.61 2.17 -10.96	37.69 1.91 -10.34	37.02 1.96 -8.89
N SALMON___HYD 24042	28.55 -0.79 0.00	27.48 -0.59 0.00	27.05 -0.41 0.00	27.21 -0.30 0.00	27.45 -0.05 0.00	36.14 -0.07 0.00	53.67 0.48 0.00	57.59 0.63 0.00	45.86 0.41 0.00	39.88 0.35 0.00	36.43 0.50 0.00	33.93 0.14 0.00	30.85 -0.06 0.00	30.72 -0.06 0.00	27.96 0.00 0.00	28.67 -0.06 0.00	27.92 0.17 0.00	31.19 0.06 0.00	23.77 -0.07 0.00	25.12 -0.28 0.00	27.96 -0.60 0.00	26.21 -0.26 0.00	25.04 -0.41 0.00	25.61 -0.55 0.00

N.AKRON__115KV_KNAPP 355671	31.97 -0.79 -3.42	29.83 -1.01 -2.77	28.44 -1.15 -2.14	28.32 -1.29 -2.10	28.24 -1.38 -2.11	36.06 -1.27 -1.12	52.67 -2.39 -1.88	56.61 -3.19 -2.84	46.55 -2.36 -3.46	41.16 -1.90 -3.53	37.64 -1.69 -3.40	36.19 -1.39 -3.78	34.17 -1.21 -4.46	34.40 -1.17 -4.79	33.14 -1.15 -6.32	33.99 -1.18 -6.44	34.81 -1.33 -8.38	44.04 -1.12 -14.04	37.30 -1.00 -14.46	33.49 -1.07 -9.15	33.24 -1.14 -5.83	31.32 -1.32 -6.16	30.60 -1.17 -6.32	30.49 -1.05 -5.38
N.BELMOR_69_KV_BK1 55787	52.98 2.82 -20.82	49.80 2.67 -19.06	43.82 2.58 -13.78	46.40 2.56 -16.33	46.04 2.53 -16.00	52.40 3.33 -12.85	80.28 5.05 -22.03	90.34 5.58 -27.80	70.94 4.45 -21.03	60.19 3.44 -17.23	55.63 3.13 -16.57	54.13 3.01 -17.33	53.39 2.78 -19.70	54.63 2.71 -21.14	58.26 2.38 -27.92	72.77 2.36 -41.69	103.23 2.33 -73.14	114.31 2.68 -80.50	112.69 2.00 -86.84	107.26 2.11 -79.75	88.56 2.23 -57.78	87.34 2.07 -58.80	59.72 2.19 -32.09	52.53 2.28 -24.10
N.E_GEN_SANDY PD 24062	53.10 1.85 -21.91	51.77 1.74 -21.95	57.80 1.68 -28.66	57.80 1.65 -28.64	59.10 1.65 -29.94	67.41 2.21 -28.99	82.18 3.25 -25.74	92.80 3.48 -32.36	71.55 2.82 -23.28	62.00 2.37 -20.11	56.79 2.05 -18.82	55.39 1.93 -19.67	55.07 1.79 -22.36	56.60 1.82 -24.00	61.28 1.62 -31.70	70.90 1.67 -40.51	86.70 1.58 -57.36	121.13 1.80 -88.20	112.63 1.36 -87.43	78.80 1.42 -51.98	73.50 1.54 -43.40	70.19 1.43 -42.28	62.48 1.37 -35.66	60.73 1.41 -33.16
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	45.71 1.79 -14.58	41.51 1.66 -11.78	38.18 1.62 -9.10	38.04 1.60 -8.94	38.04 1.57 -8.97	42.99 2.03 -4.75	64.32 3.14 -7.99	73.88 3.59 -13.33	64.57 2.86 -16.25	58.43 2.29 -16.61	53.96 2.05 -15.98	52.47 1.96 -16.71	51.67 1.76 -19.00	52.86 1.69 -20.39	56.40 1.51 -26.92	57.65 1.52 -27.40	68.49 1.50 -39.24	98.11 1.74 -65.24	92.61 1.29 -67.48	69.46 1.35 -42.72	57.17 1.43 -27.18	56.52 1.30 -28.75	53.60 1.25 -26.91	50.74 1.33 -23.25
N.QUEENS_27_KV_LOAD 356247	46.77 2.32 -15.12	42.48 2.19 -12.21	39.12 2.22 -9.44	38.92 2.15 -9.26	38.92 2.12 -9.30	43.60 2.46 -4.92	64.77 3.30 -8.28	74.77 3.99 -13.82	65.53 3.23 -16.85	59.43 2.69 -17.22	54.94 2.44 -16.57	53.52 2.40 -17.32	52.77 2.16 -19.70	53.95 2.03 -21.14	57.64 1.76 -27.91	58.86 1.72 -28.41	70.27 1.83 -40.68	100.79 2.02 -67.64	95.30 1.50 -69.96	71.29 1.60 -44.29	58.31 1.57 -28.18	57.66 1.38 -29.80	54.72 1.37 -27.90	51.90 1.65 -24.09
N.TROY___115KV_TB1 355778	50.12 1.73 -19.05	45.12 1.66 -15.39	40.97 1.62 -11.89	40.78 1.60 -11.67	40.84 1.62 -11.71	45.98 2.17 -7.59	66.87 3.24 -10.43	77.73 3.36 -17.41	69.36 2.68 -21.23	63.43 2.21 -21.70	58.67 1.87 -20.88	57.38 1.76 -21.82	57.33 1.61 -24.81	59.04 1.63 -26.63	64.64 1.51 -35.17	66.06 1.55 -35.78	80.51 1.53 -51.23	118.03 1.71 -85.18	113.26 1.31 -88.11	82.60 1.42 -55.77	65.57 1.51 -35.49	65.39 1.38 -37.53	61.86 1.27 -35.14	57.75 1.31 -30.28
NARROWS_GT1_1 24228	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	64.98 3.51 -8.28	75.05 4.27 -13.81	65.61 3.32 -16.85	59.54 2.81 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.32	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.56 1.97 -40.83	101.32 2.30 -67.89	95.78 1.74 -70.20	71.57 1.73 -44.44	58.53 1.68 -28.28	57.84 1.46 -29.91	54.87 1.42 -28.00	51.81 1.57 -24.09
NARROWS_GT1_2 24229	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	64.98 3.51 -8.28	75.05 4.27 -13.81	65.61 3.32 -16.85	59.54 2.81 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.32	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.56 1.97 -40.83	101.32 2.30 -67.89	95.78 1.74 -70.20	71.57 1.73 -44.44	58.53 1.68 -28.28	57.84 1.46 -29.91	54.87 1.42 -28.00	51.81 1.57 -24.09
NARROWS_GT1_3 24230	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	64.98 3.51 -8.28	75.05 4.27 -13.81	65.61 3.32 -16.85	59.54 2.81 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.32	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.56 1.97 -40.83	101.32 2.30 -67.89	95.78 1.74 -70.20	71.57 1.73 -44.44	58.53 1.68 -28.28	57.84 1.46 -29.91	54.87 1.42 -28.00	51.81 1.57 -24.09
NARROWS_GT1_4 24231	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	64.98 3.51 -8.28	75.05 4.27 -13.81	65.61 3.32 -16.85	59.54 2.81 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.32	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.56 1.97 -40.83	101.32 2.30 -67.89	95.78 1.74 -70.20	71.57 1.73 -44.44	58.53 1.68 -28.28	57.84 1.46 -29.91	54.87 1.42 -28.00	51.81 1.57 -24.09
NARROWS_GT1_5 24232	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	64.98 3.51 -8.28	75.05 4.27 -13.81	65.61 3.32 -16.85	59.54 2.81 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.32	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.56 1.97 -40.83	101.32 2.30 -67.89	95.78 1.74 -70.20	71.57 1.73 -44.44	58.53 1.68 -28.28	57.84 1.46 -29.91	54.87 1.42 -28.00	51.81 1.57 -24.09
NARROWS_GT1_6 24233	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	64.98 3.51 -8.28	75.05 4.27 -13.81	65.61 3.32 -16.85	59.54 2.81 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.32	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.56 1.97 -40.83	101.32 2.30 -67.89	95.78 1.74 -70.20	71.57 1.73 -44.44	58.53 1.68 -28.28	57.84 1.46 -29.91	54.87 1.42 -28.00	51.81 1.57 -24.09
NARROWS_GT1_7 24234	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	64.98 3.51 -8.28	75.05 4.27 -13.81	65.61 3.32 -16.85	59.54 2.81 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.32	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.56 1.97 -40.83	101.32 2.30 -67.89	95.78 1.74 -70.20	71.57 1.73 -44.44	58.53 1.68 -28.28	57.84 1.46 -29.91	54.87 1.42 -28.00	51.81 1.57 -24.09
NARROWS_GT1_8 24235	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	64.98 3.51 -8.28	75.05 4.27 -13.81	65.61 3.32 -16.85	59.54 2.81 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.32	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.56 1.97 -40.83	101.32 2.30 -67.89	95.78 1.74 -70.20	71.57 1.73 -44.44	58.53 1.68 -28.28	57.84 1.46 -29.91	54.87 1.42 -28.00	51.81 1.57 -24.09
NARROWS_GT2_1 24236	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	64.98 3.51 -8.28	75.05 4.27 -13.81	65.61 3.32 -16.85	59.54 2.81 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.32	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.56 1.97 -40.83	101.32 2.30 -67.89	95.78 1.74 -70.20	71.57 1.73 -44.44	58.53 1.68 -28.28	57.84 1.46 -29.91	54.87 1.42 -28.00	51.81 1.57 -24.09

NARROWS_GT2_2 24237	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	64.98 3.51 -8.28	75.05 4.27 -13.81	65.61 3.32 -16.85	59.54 2.81 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.32	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.56 1.97 -40.83	101.32 2.30 -67.89	95.78 1.74 -70.20	71.57 1.73 -44.44	58.53 1.68 -28.28	57.84 1.46 -29.91	54.87 1.42 -28.00	51.81 1.57 -24.09
NARROWS_GT2_3 24238	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	64.98 3.51 -8.28	75.05 4.27 -13.81	65.61 3.32 -16.85	59.54 2.81 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.32	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.56 1.97 -40.83	101.32 2.30 -67.89	95.78 1.74 -70.20	71.57 1.73 -44.44	58.53 1.68 -28.28	57.84 1.46 -29.91	54.87 1.42 -28.00	51.81 1.57 -24.09
NARROWS_GT2_4 24239	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	64.98 3.51 -8.28	75.05 4.27 -13.81	65.61 3.32 -16.85	59.54 2.81 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.32	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.56 1.97 -40.83	101.32 2.30 -67.89	95.78 1.74 -70.20	71.57 1.73 -44.44	58.53 1.68 -28.28	57.84 1.46 -29.91	54.87 1.42 -28.00	51.81 1.57 -24.09
NARROWS_GT2_5 24240	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	64.98 3.51 -8.28	75.05 4.27 -13.81	65.61 3.32 -16.85	59.54 2.81 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.32	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.56 1.97 -40.83	101.32 2.30 -67.89	95.78 1.74 -70.20	71.57 1.73 -44.44	58.53 1.68 -28.28	57.84 1.46 -29.91	54.87 1.42 -28.00	51.81 1.57 -24.09
NARROWS_GT2_6 24241	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	64.98 3.51 -8.28	75.05 4.27 -13.81	65.61 3.32 -16.85	59.54 2.81 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.32	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.56 1.97 -40.83	101.32 2.30 -67.89	95.78 1.74 -70.20	71.57 1.73 -44.44	58.53 1.68 -28.28	57.84 1.46 -29.91	54.87 1.42 -28.00	51.81 1.57 -24.09
NARROWS_GT2_7 24242	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	64.98 3.51 -8.28	75.05 4.27 -13.81	65.61 3.32 -16.85	59.54 2.81 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.32	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.56 1.97 -40.83	101.32 2.30 -67.89	95.78 1.74 -70.20	71.57 1.73 -44.44	58.53 1.68 -28.28	57.84 1.46 -29.91	54.87 1.42 -28.00	51.81 1.57 -24.09
NARROWS_GT2_8 24243	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	64.98 3.51 -8.28	75.05 4.27 -13.81	65.61 3.32 -16.85	59.54 2.81 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.32	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.56 1.97 -40.83	101.32 2.30 -67.89	95.78 1.74 -70.20	71.57 1.73 -44.44	58.53 1.68 -28.28	57.84 1.46 -29.91	54.87 1.42 -28.00	51.81 1.57 -24.09
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	49.07 1.85 -17.88	44.32 1.80 -14.44	40.35 1.73 -11.16	40.23 1.76 -10.96	40.32 1.82 -11.00	44.83 2.32 -6.30	66.60 3.62 -9.79	76.78 3.47 -16.35	68.02 2.64 -19.93	61.95 2.06 -20.37	57.32 1.80 -19.60	55.84 1.55 -20.49	55.63 1.42 -23.29	57.23 1.45 -25.00	62.37 1.40 -33.02	63.58 1.32 -33.53	77.07 1.30 -48.01	112.48 1.53 -79.82	107.62 1.22 -82.56	78.93 1.27 -52.26	63.19 1.37 -33.26	62.84 1.19 -35.17	59.44 1.07 -32.93	55.74 1.10 -28.48
NCHELSEA_115KV_TR2 355582	46.64 2.08 -15.22	42.34 1.97 -12.30	38.83 1.87 -9.50	38.71 1.87 -9.33	38.69 1.82 -9.36	43.53 2.35 -4.96	65.20 3.67 -8.34	74.92 4.04 -13.92	65.65 3.23 -16.97	59.51 2.65 -17.34	54.95 2.34 -16.68	53.40 2.16 -17.44	52.69 1.95 -19.83	53.97 1.91 -21.28	57.80 1.73 -28.11	59.11 1.78 -28.61	70.49 1.78 -40.96	101.35 2.12 -68.10	95.88 1.60 -70.44	71.61 1.63 -44.59	58.65 1.71 -28.38	58.10 1.62 -30.01	55.04 1.50 -28.09	52.02 1.60 -24.27
NEG CAPITAL___MECHNVIL 23645	50.63 2.02 -19.27	45.57 1.94 -15.56	41.38 1.89 -12.02	41.21 1.90 -11.81	41.31 1.95 -11.85	46.70 2.61 -7.88	68.05 4.31 -10.55	78.96 4.39 -17.61	70.43 3.50 -21.48	64.16 2.69 -21.95	59.27 2.23 -21.12	57.90 2.03 -22.08	57.87 1.85 -25.10	59.60 1.88 -26.93	65.33 1.79 -35.57	66.82 1.87 -36.23	81.52 1.86 -51.91	119.56 2.12 -86.31	114.70 1.60 -89.26	83.65 1.75 -56.50	66.40 1.88 -35.96	66.14 1.64 -38.02	62.54 1.50 -35.60	58.30 1.52 -30.62
NEG CENTRAL_HIGH_ACRES 23767	31.32 -1.08 -3.06	29.40 -1.15 -2.47	28.14 -1.24 -1.91	28.10 -1.29 -1.88	28.04 -1.35 -1.88	35.72 -1.49 -1.00	52.58 -2.29 -1.68	57.23 -2.56 -2.83	47.08 -1.82 -3.45	41.54 -1.50 -3.53	38.03 -1.29 -3.39	36.24 -1.08 -3.52	33.94 -0.96 -3.99	34.11 -0.95 -4.28	32.67 -0.95 -5.65	33.45 -0.98 -5.70	34.94 -1.05 -8.24	43.83 -1.00 -13.70	37.47 -0.79 -14.41	33.66 -0.86 -9.12	33.51 -0.86 -5.80	31.66 -0.95 -6.14	30.26 -0.89 -5.70	30.15 -0.92 -4.91
NEG CENTRAL___DRP 24199	33.22 0.41 -3.47	31.16 0.28 -2.80	29.82 0.19 -2.16	29.80 0.17 -2.12	29.75 0.11 -2.13	37.78 0.43 -1.13	55.46 0.37 -1.90	60.66 0.57 -3.13	49.63 0.36 -3.82	43.74 0.32 -3.90	40.11 0.43 -3.75	38.22 0.47 -3.95	35.89 0.46 -4.52	36.09 0.46 -4.85	34.78 0.42 -6.40	35.73 0.49 -6.52	37.37 0.39 -9.22	46.85 0.37 -15.35	39.78 0.07 -15.87	35.60 0.15 -10.05	35.18 0.23 -6.39	33.27 0.03 -6.76	31.85 0.00 -6.40	31.66 0.00 -5.50
NEG CENTRAL___INDECK 23768	33.47 0.26 -3.87	31.29 0.08 -3.13	29.85 -0.03 -2.42	29.75 -0.14 -2.37	29.67 -0.22 -2.38	37.66 0.18 -1.27	55.58 0.27 -2.12	60.63 0.23 -3.44	49.83 0.18 -4.19	43.81 0.00 -4.29	39.91 -0.14 -4.12	38.12 -0.07 -4.39	35.87 -0.09 -5.05	36.20 0.00 -5.41	35.08 -0.03 -7.15	35.93 0.00 -7.21	37.76 -0.06 -10.06	48.26 0.37 -16.75	41.36 0.26 -17.25	36.55 0.23 -10.92	35.88 0.37 -6.95	33.93 0.11 -7.35	32.57 0.05 -7.07	32.32 0.08 -6.08
NEG CENTRAL___SENECA 23627	33.94 0.79 -3.81	31.74 0.59 -3.08	30.33 0.49 -2.38	30.31 0.47 -2.33	30.26 0.41 -2.34	38.36 0.91 -1.24	56.18 0.90 -2.09	61.58 1.20 -3.42	50.44 0.82 -4.17	44.41 0.63 -4.26	40.89 0.86 -4.10	39.01 0.88 -4.33	36.68 0.80 -4.96	36.91 0.80 -5.32	35.75 0.75 -7.03	36.72 0.83 -7.16	38.53 0.69 -10.08	48.59 0.68 -16.78	41.33 0.14 -17.34	36.61 0.23 -10.98	35.86 0.31 -6.99	33.95 0.08 -7.39	32.50 0.03 -7.03	32.25 0.03 -6.06
NEG CENTRAL___STATE_STREET 24147	32.78 0.18 -3.26	30.79 0.08 -2.64	29.52 0.03 -2.04	29.51 0.00 -2.00	29.46 -0.06 -2.01	37.39 0.11 -1.06	55.14 0.16 -1.79	60.28 0.34 -2.98	49.31 0.23 -3.64	43.51 0.28 -3.72	39.75 0.25 -3.58	37.84 0.30 -3.74	35.44 0.28 -4.25	35.62 0.28 -4.56	34.21 0.22 -6.02	35.15 0.29 -6.13	36.76 0.22 -8.78	46.04 0.31 -14.60	39.16 0.21 -15.10	35.24 0.28 -9.56	35.04 0.40 -6.08	33.12 0.21 -6.43	31.65 0.18 -6.02	31.45 0.16 -5.14

NEG MILLWOOD___DRP 24198	46.99 2.32 -15.33	42.59 2.13 -12.38	39.03 2.00 -9.57	38.97 2.06 -9.39	38.86 1.93 -9.43	43.74 2.54 -4.99	65.68 4.10 -8.40	75.65 4.67 -14.01	66.27 3.73 -17.09	60.03 3.04 -17.47	55.39 2.66 -16.80	53.83 2.47 -17.57	53.14 2.26 -19.97	54.43 2.22 -21.43	58.22 1.96 -28.31	59.57 2.04 -28.81	71.06 2.05 -41.25	102.14 2.43 -68.58	96.64 1.86 -70.94	72.16 1.85 -44.90	59.14 2.00 -28.58	58.55 1.85 -30.22	55.44 1.70 -28.29	52.34 1.75 -24.43
NEG NORTH_FLCN_SEA 23793	28.46 -0.88 0.00	27.46 -0.62 0.00	27.05 -0.41 0.00	27.21 -0.30 0.00	27.54 0.03 0.00	36.40 0.18 0.00	54.15 0.96 0.00	57.64 0.68 0.00	46.04 0.59 0.00	39.99 0.47 0.00	36.47 0.54 0.00	33.93 0.14 0.00	30.85 -0.06 0.00	30.75 -0.03 0.00	27.96 0.00 0.00	28.70 -0.03 0.00	27.89 0.14 0.00	31.16 0.03 0.00	23.65 -0.19 0.00	24.97 -0.43 0.00	27.82 -0.74 0.00	26.32 -0.16 0.00	25.06 -0.38 0.00	25.66 -0.50 0.00
NEG NORTH_KES_CHATEGAY 23792	28.22 -1.11 0.00	27.21 -0.87 0.00	26.83 -0.63 0.00	26.99 -0.52 0.00	27.26 -0.25 0.00	36.03 -0.18 0.00	53.56 0.37 0.00	57.36 0.40 0.00	45.77 0.32 0.00	39.80 0.28 0.00	36.25 0.32 0.00	33.76 -0.03 0.00	30.70 -0.22 0.00	30.57 -0.22 0.00	27.82 -0.14 0.00	28.55 -0.17 0.00	27.76 0.00 0.00	31.00 -0.12 0.00	23.56 -0.29 0.00	24.89 -0.51 0.00	27.70 -0.86 0.00	26.03 -0.45 0.00	24.84 -0.61 0.00	25.40 -0.76 0.00
NEG NORTH___ALICE_FALLS 23915	28.52 -0.82 0.00	27.49 -0.59 0.00	27.05 -0.41 0.00	27.18 -0.33 0.00	27.48 -0.03 0.00	36.32 0.11 0.00	54.31 1.12 0.00	58.21 1.25 0.00	46.40 0.95 0.00	40.23 0.71 0.00	36.72 0.79 0.00	34.10 0.30 0.00	31.01 0.09 0.00	30.88 0.09 0.00	28.13 0.17 0.00	28.93 0.20 0.00	28.17 0.42 0.00	31.60 0.47 0.00	23.99 0.14 0.00	25.30 -0.10 0.00	28.10 -0.46 0.00	26.45 -0.03 0.00	25.09 -0.36 0.00	25.61 -0.55 0.00
NEG NORTH___LWR_SARANAC 23913	28.52 -0.82 0.00	27.49 -0.59 0.00	27.05 -0.41 0.00	27.18 -0.33 0.00	27.48 -0.03 0.00	36.32 0.11 0.00	54.31 1.12 0.00	58.21 1.25 0.00	46.40 0.95 0.00	40.23 0.71 0.00	36.72 0.79 0.00	34.10 0.30 0.00	31.01 0.09 0.00	30.88 0.09 0.00	28.13 0.17 0.00	28.93 0.20 0.00	28.17 0.42 0.00	31.60 0.47 0.00	23.99 0.14 0.00	25.30 -0.10 0.00	28.10 -0.46 0.00	26.45 -0.03 0.00	25.09 -0.36 0.00	25.61 -0.55 0.00
NEG NORTH___PLATTSBURG 23628	28.52 -0.82 0.00	27.48 -0.59 0.00	27.05 -0.41 0.00	27.18 -0.33 0.00	27.48 -0.03 0.00	36.32 0.11 0.00	54.36 1.17 0.00	58.21 1.25 0.00	46.27 0.82 0.00	40.19 0.67 0.00	36.72 0.79 0.00	34.10 0.30 0.00	31.01 0.09 0.00	30.88 0.09 0.00	28.13 0.17 0.00	28.93 0.20 0.00	28.17 0.42 0.00	31.60 0.47 0.00	23.99 0.14 0.00	25.30 -0.10 0.00	28.10 -0.46 0.00	26.43 -0.05 0.00	25.09 -0.36 0.00	25.61 -0.55 0.00
NEG WEST_LEA_LOCKPORT 23791	31.56 -1.26 -3.49	29.46 -1.43 -2.82	28.07 -1.57 -2.18	27.92 -1.73 -2.14	27.84 -1.82 -2.14	35.43 -1.92 -1.14	51.48 -3.62 -1.91	55.06 -4.73 -2.83	45.35 -3.55 -3.45	40.16 -2.88 -3.52	36.77 -2.55 -3.39	35.42 -2.20 -3.82	33.54 -1.92 -4.54	33.75 -1.91 -4.87	32.64 -1.76 -6.44	33.47 -1.81 -6.55	34.15 -1.97 -8.36	43.25 -1.90 -14.02	36.67 -1.60 -14.43	32.86 -1.68 -9.14	32.58 -1.80 -5.82	30.75 -1.88 -6.15	30.20 -1.68 -6.44	30.14 -1.49 -5.47
NEG WEST___LANCASTR 23811	31.41 -1.70 -3.78	29.27 -1.85 -3.05	27.87 -1.95 -2.36	27.71 -2.12 -2.31	27.66 -2.17 -2.32	34.99 -2.46 -1.23	51.00 -4.26 -2.07	55.22 -4.84 -3.11	45.45 -3.77 -3.78	40.14 -3.24 -3.86	36.70 -2.95 -3.72	35.21 -2.74 -4.15	33.42 -2.41 -4.92	33.66 -2.40 -5.28	32.72 -2.21 -6.97	33.50 -2.33 -7.10	34.63 -2.30 -9.18	44.17 -2.33 -15.37	37.79 -1.88 -15.83	33.52 -1.90 -10.02	32.88 -2.06 -6.38	31.08 -2.14 -6.75	30.35 -2.06 -6.97	30.12 -1.96 -5.92
NEG_PENN_ALLEGHNY 23528	35.66 0.32 -6.00	33.14 0.22 -4.85	31.34 0.14 -3.74	31.30 0.11 -3.68	31.28 0.08 -3.69	38.48 0.29 -1.97	56.85 0.37 -3.29	62.79 0.40 -5.43	52.43 0.36 -6.62	46.60 0.31 -6.76	42.72 0.29 -6.51	40.98 0.34 -6.84	39.04 0.31 -7.81	39.45 0.28 -8.38	39.29 0.25 -11.07	40.11 0.23 -11.16	43.65 0.14 -15.75	57.59 0.25 -26.21	51.06 0.19 -27.03	42.74 0.23 -17.11	39.79 0.34 -10.89	38.20 0.21 -11.51	36.51 0.18 -10.88	35.73 0.21 -9.36
NEG___GEN_MONROE 24207	31.93 -0.56 -3.15	29.92 -0.70 -2.54	28.60 -0.82 -1.97	28.54 -0.91 -1.93	28.43 -1.02 -1.94	36.30 -0.94 -1.03	53.16 -1.76 -1.73	57.51 -2.34 -2.88	47.28 -1.68 -3.51	41.81 -1.30 -3.59	38.30 -1.08 -3.45	36.50 -0.91 -3.61	34.24 -0.77 -4.10	34.42 -0.77 -4.40	32.97 -0.81 -5.82	33.87 -0.78 -5.92	35.32 -0.92 -8.48	44.48 -0.75 -14.10	37.76 -0.67 -14.58	33.97 -0.66 -9.23	33.72 -0.71 -5.88	31.82 -0.87 -6.21	30.55 -0.71 -5.82	30.51 -0.60 -4.95
NEPA___ENERGY 23901	32.40 -0.76 -3.82	30.21 -0.95 -3.09	28.75 -1.10 -2.38	28.59 -1.27 -2.34	28.51 -1.35 -2.35	36.09 -1.38 -1.25	52.57 -2.71 -2.09	56.70 -3.42 -3.16	46.61 -2.68 -3.84	41.19 -2.25 -3.93	37.74 -1.98 -3.79	36.25 -1.76 -4.21	34.38 -1.51 -4.98	34.62 -1.51 -5.34	33.62 -1.40 -7.05	34.41 -1.49 -7.18	35.54 -1.55 -9.34	45.33 -1.43 -15.64	38.68 -1.26 -16.10	34.33 -1.27 -10.20	33.74 -1.31 -6.49	31.91 -1.43 -6.86	31.20 -1.30 -7.05	31.00 -1.15 -5.99
NEVERSINK___HYD 23608	44.17 1.44 -13.40	40.24 1.35 -10.82	37.06 1.24 -8.36	36.96 1.24 -8.21	36.98 1.24 -8.24	42.22 1.59 -4.41	63.13 2.61 -7.33	72.04 2.85 -12.24	62.51 2.14 -14.92	56.47 1.70 -15.25	51.96 1.36 -14.67	50.39 1.25 -15.34	49.46 1.11 -17.44	50.57 1.08 -18.71	53.68 1.01 -24.72	54.80 0.14 -25.93	65.15 0.25 -37.14	93.32 0.44 -61.76	88.04 0.33 -63.86	66.08 0.25 -40.43	54.46 0.17 -25.73	54.66 0.98 -27.21	51.83 0.91 -25.47	49.06 0.99 -21.91
NEWKRMKL_115KV_TB1 55635	49.74 1.44 -18.97	44.77 1.38 -15.32	40.64 1.35 -11.84	40.48 1.35 -11.62	40.52 1.35 -11.66	45.11 1.77 -7.12	65.92 2.34 -10.39	76.63 2.34 -17.34	68.45 1.86 -21.14	62.75 1.62 -21.61	58.26 1.54 -20.79	57.02 1.49 -21.73	57.01 1.39 -24.71	58.65 1.35 -26.51	64.18 1.20 -35.02	65.38 1.24 -35.42	79.50 1.03 -50.72	116.58 1.12 -84.33	111.90 0.83 -87.22	81.53 0.91 -55.21	64.70 1.00 -35.14	64.54 0.90 -37.16	61.07 0.84 -34.78	57.21 0.89 -30.16
NEWTON___FALLS_HYD 23847	29.64 -0.50 -0.81	28.28 -0.45 -0.65	27.61 -0.36 -0.50	27.70 -0.30 -0.49	27.70 -0.30 -0.50	35.87 -0.54 -0.20	52.94 -0.69 -0.44	56.96 -0.74 -0.74	45.62 -0.73 -0.90	39.65 -0.79 -0.92	36.16 -0.65 -0.88	34.01 -0.71 -0.92	31.31 -0.65 -1.05	31.29 -0.62 -1.13	29.03 -0.42 -1.49	29.76 -0.49 -1.53	29.66 -0.28 -2.19	34.17 -0.59 -3.63	27.41 -0.19 -3.76	27.57 -0.20 -2.38	29.56 -0.51 -1.51	27.71 -0.37 -1.60	26.64 -0.31 -1.50	27.10 -0.34 -1.28
NGRID_A1_DSASP 323792	30.92 -1.94 -3.52	28.95 -1.97 -2.84	27.51 -2.14 -2.20	27.39 -2.28 -2.16	27.31 -2.37 -2.16	34.61 -2.75 -1.15	50.28 -4.84 -1.93	53.46 -6.27 -2.76	44.27 -4.54 -3.37	39.13 -3.83 -3.44	35.90 -3.34 -3.31	34.66 -2.94 -3.80	32.87 -2.63 -4.58	33.05 -2.65 -4.92	32.08 -2.38 -6.50	32.80 -2.47 -6.55	33.14 -2.66 -8.05	41.96 -2.71 -13.54	35.64 -2.19 -13.99	31.87 -2.39 -8.86	31.69 -2.51 -5.64	29.95 -2.49 -5.96	29.71 -2.19 -6.46	29.70 -2.01 -5.56

NGRID_A2_DSASP 323793	30.92 -1.94 -3.52	28.95 -1.97 -2.84	27.51 -2.14 -2.20	27.39 -2.28 -2.16	27.31 -2.37 -2.16	34.61 -2.75 -1.15	50.28 -4.84 -1.93	53.46 -6.27 -2.76	44.27 -4.54 -3.37	39.13 -3.83 -3.44	35.90 -3.34 -3.31	34.66 -2.94 -3.80	32.87 -2.63 -4.58	33.05 -2.65 -4.92	32.08 -2.38 -6.50	32.80 -2.47 -6.55	33.14 -2.66 -8.05	41.96 -2.71 -13.54	35.64 -2.19 -13.99	31.87 -2.39 -8.86	31.69 -2.51 -5.64	29.95 -2.49 -5.96	29.71 -2.19 -6.46	29.70 -2.01 -5.56
NGRID_A4_DSASP 323807	30.92 -1.94 -3.52	28.95 -1.97 -2.84	27.51 -2.14 -2.20	27.39 -2.28 -2.16	27.31 -2.37 -2.16	34.61 -2.75 -1.15	50.28 -4.84 -1.93	53.46 -6.27 -2.76	44.27 -4.54 -3.37	39.13 -3.83 -3.44	35.90 -3.34 -3.31	34.66 -2.94 -3.80	32.87 -2.63 -4.58	33.05 -2.65 -4.92	32.08 -2.38 -6.50	32.80 -2.47 -6.55	33.14 -2.66 -8.05	41.96 -2.71 -13.54	35.64 -2.19 -13.99	31.87 -2.39 -8.86	31.69 -2.51 -5.64	29.95 -2.49 -5.96	29.71 -2.19 -6.46	29.70 -2.01 -5.56
NIAGARA_115E_LBMP 323715	31.16 -1.70 -3.52	29.10 -1.82 -2.84	27.71 -1.95 -2.20	27.58 -2.09 -2.16	27.50 -2.17 -2.17	34.86 -2.50 -1.15	50.71 -4.41 -1.93	54.08 -5.70 -2.81	44.74 -4.14 -3.43	39.55 -3.48 -3.51	36.25 -3.05 -3.37	34.96 -2.67 -3.83	33.12 -2.38 -4.59	33.31 -2.40 -4.92	32.31 -2.15 -6.50	33.04 -2.24 -6.56	33.52 -2.44 -8.21	42.48 -2.43 -13.78	36.12 -1.98 -14.25	32.26 -2.16 -9.02	32.02 -2.29 -5.75	30.28 -2.28 -6.08	29.90 -2.01 -6.46	29.89 -1.83 -5.56
NIAGARA_115W_LBMP 323714	30.83 -2.02 -3.52	28.87 -2.05 -2.84	27.46 -2.20 -2.19	27.30 -2.37 -2.15	27.25 -2.42 -2.16	34.50 -2.86 -1.15	50.12 -5.00 -1.93	53.33 -6.38 -2.75	44.12 -4.68 -3.35	39.00 -3.95 -3.43	35.78 -3.45 -3.30	34.55 -3.04 -3.80	32.77 -2.72 -4.58	32.96 -2.74 -4.91	31.99 -2.46 -6.49	32.71 -2.56 -6.54	33.04 -2.75 -8.03	41.83 -2.80 -13.50	35.53 -2.27 -13.95	31.79 -2.44 -8.83	31.59 -2.60 -5.62	29.86 -2.57 -5.95	29.63 -2.26 -6.45	29.64 -2.07 -5.55
NIAGARA_230_LBMP 323716	31.24 -1.58 -3.49	29.21 -1.68 -2.82	27.80 -1.84 -2.18	27.64 -2.01 -2.14	27.59 -2.06 -2.15	35.00 -2.35 -1.14	50.85 -4.26 -1.91	54.16 -5.47 -2.66	44.74 -3.95 -3.25	39.52 -3.32 -3.32	36.21 -2.91 -3.19	35.00 -2.54 -3.74	33.21 -2.26 -4.55	33.39 -2.28 -4.88	32.37 -2.04 -6.45	33.10 -2.13 -6.50	33.25 -2.33 -7.82	42.00 -2.30 -13.17	35.56 -1.88 -13.60	31.98 -2.03 -8.62	31.90 -2.14 -5.49	30.13 -2.14 -5.80	30.00 -1.86 -6.41	30.00 -1.67 -5.51
NIAGARA__115KV_198_GIBSON 55903	30.89 -1.97 -3.52	28.87 -2.05 -2.84	27.46 -2.20 -2.19	27.30 -2.37 -2.15	27.25 -2.42 -2.16	34.61 -2.75 -1.15	50.17 -4.95 -1.93	53.28 -6.44 -2.75	43.94 -4.86 -3.35	38.95 -3.99 -3.42	35.67 -3.56 -3.30	34.49 -3.11 -3.80	32.74 -2.75 -4.58	32.96 -2.74 -4.91	31.96 -2.56 -6.49	32.78 -2.72 -6.61	33.18 -2.77 -8.15	42.05 -2.77 -13.69	35.67 -2.24 -14.07	31.97 -2.34 -8.91	31.69 -2.54 -5.67	29.93 -2.54 -6.00	29.67 -2.26 -6.49	29.61 -2.07 -5.52
NIAGARA____ 23760	31.27 -1.58 -3.51	29.23 -1.68 -2.84	27.81 -1.84 -2.19	27.66 -2.01 -2.15	27.60 -2.06 -2.16	35.01 -2.35 -1.14	50.86 -4.26 -1.92	54.21 -5.47 -2.72	44.81 -3.95 -3.32	39.59 -3.32 -3.39	36.28 -2.91 -3.26	35.04 -2.54 -3.78	33.22 -2.26 -4.57	33.41 -2.28 -4.90	32.39 -2.04 -6.47	33.13 -2.13 -6.53	33.39 -2.33 -7.96	42.22 -2.30 -13.39	35.80 -1.88 -13.84	32.13 -2.03 -8.77	32.00 -2.14 -5.58	30.24 -2.14 -5.91	30.03 -1.86 -6.44	30.03 -1.67 -5.55
NINE_MILE_1 23575	30.47 -0.97 -2.10	28.82 -0.95 -1.70	27.81 -0.96 -1.31	27.84 -0.96 -1.29	27.81 -0.99 -1.29	35.59 -1.30 -0.68	52.38 -1.97 -1.15	56.77 -2.11 -1.92	46.16 -1.63 -2.34	40.49 -1.42 -2.39	36.97 -1.26 -2.30	35.06 -1.15 -2.41	32.63 -1.02 -2.74	32.71 -1.02 -2.94	30.92 -0.92 -3.88	31.69 -0.95 -3.91	32.41 -0.94 -5.60	39.42 -1.03 -9.31	32.70 -0.79 -9.64	30.69 -0.81 -6.10	31.67 -0.77 -3.88	29.84 -0.74 -4.11	28.61 -0.69 -3.85	28.79 -0.68 -3.31
NINE_MILE_2 23744	30.46 -0.97 -2.09	28.81 -0.95 -1.69	27.81 -0.96 -1.31	27.83 -0.96 -1.28	27.81 -0.99 -1.29	35.59 -1.30 -0.67	52.37 -1.97 -1.15	56.77 -2.11 -1.91	46.15 -1.63 -2.33	40.48 -1.42 -2.39	36.96 -1.26 -2.29	35.05 -1.15 -2.40	32.62 -1.02 -2.73	32.70 -1.02 -2.93	30.91 -0.92 -3.87	31.68 -0.95 -3.90	32.39 -0.94 -5.58	39.38 -1.03 -9.28	32.67 -0.79 -9.61	30.69 -0.79 -6.08	31.66 -0.77 -3.87	29.83 -0.74 -4.09	28.62 -0.66 -3.83	28.78 -0.68 -3.30
NM_CAPITAL____DRP 24208	49.74 1.50 -18.91	44.78 1.43 -15.27	40.64 1.37 -11.80	40.48 1.38 -11.59	40.51 1.38 -11.63	45.15 1.85 -7.09	66.00 2.45 -10.36	76.75 2.51 -17.29	68.53 2.00 -21.08	62.76 1.70 -21.54	58.23 1.58 -20.72	56.99 1.52 -21.67	56.94 1.39 -24.63	58.60 1.39 -26.44	64.13 1.26 -34.91	65.43 1.26 -35.44	79.61 1.11 -50.74	116.71 1.21 -84.37	112.04 0.93 -87.27	81.66 1.02 -55.24	64.80 1.09 -35.15	64.63 0.98 -37.18	61.16 0.92 -34.80	57.19 0.97 -30.07
NM_CENTRAL____DRP 24181	31.66 -0.29 -2.62	29.85 -0.34 -2.11	28.71 -0.38 -1.63	28.73 -0.39 -1.60	28.68 -0.44 -1.61	36.52 -0.54 -0.85	53.72 -0.90 -1.43	58.44 -0.91 -2.39	47.69 -0.68 -2.92	41.99 -0.51 -2.98	38.33 -0.47 -2.87	36.43 -0.37 -3.00	34.05 -0.28 -3.41	34.17 -0.28 -3.66	32.54 -0.25 -4.83	33.39 -0.26 -4.92	34.47 -0.33 -7.05	42.47 -0.37 -11.72	35.70 -0.26 -12.12	32.87 -0.20 -7.67	33.39 -0.06 -4.88	31.51 -0.13 -5.16	30.15 -0.13 -4.83	30.15 -0.13 -4.12
NM_FRONTIER____DRP 24179	30.89 -1.97 -3.52	28.87 -2.05 -2.84	27.46 -2.20 -2.19	27.30 -2.37 -2.15	27.25 -2.42 -2.16	34.61 -2.75 -1.15	50.17 -4.95 -1.93	53.28 -6.44 -2.75	43.94 -4.86 -3.35	38.95 -3.99 -3.42	35.67 -3.56 -3.30	34.49 -3.11 -3.80	32.74 -2.75 -4.58	32.96 -2.74 -4.91	31.96 -2.49 -6.49	32.78 -2.56 -6.61	33.18 -2.72 -8.15	42.05 -2.77 -13.69	35.67 -2.24 -14.07	31.97 -2.34 -8.91	31.69 -2.54 -5.67	29.93 -2.54 -6.00	29.67 -2.26 -6.49	29.61 -2.07 -5.52
NM_ST_REGIS____HYD 24053	29.10 -0.65 -0.40	27.90 -0.51 -0.33	27.41 -0.30 -0.25	27.51 -0.25 -0.25	27.62 -0.14 -0.25	35.88 -0.43 -0.10	52.77 -0.64 -0.22	56.76 -0.57 -0.37	45.35 -0.55 -0.45	39.58 -0.40 -0.46	36.15 -0.22 -0.44	33.85 -0.41 -0.46	30.97 -0.46 -0.53	30.92 -0.43 -0.56	28.37 -0.34 -0.74	29.01 -0.49 -0.77	28.64 -0.22 -1.11	32.47 -0.50 -1.84	25.44 -0.31 -1.90	26.17 -0.43 -1.20	28.53 -0.80 -0.77	26.81 -0.48 -0.81	25.82 -0.38 -0.76	26.39 -0.42 -0.65
NORTHPORT____1 23551	55.15 3.52 -22.29	52.21 3.31 -20.83	42.73 3.13 -12.14	47.44 3.11 -16.82	47.63 3.08 -17.04	55.32 4.20 -14.90	85.00 6.22 -25.59	94.63 6.55 -31.12	72.69 5.22 -22.02	60.89 4.15 -17.22	56.24 3.74 -16.57	54.71 3.58 -17.33	53.76 3.15 -19.69	55.06 3.14 -21.13	58.81 2.94 -27.92	73.44 2.93 -41.79	103.97 2.91 -73.30	115.25 3.36 -80.75	113.46 2.53 -87.09	107.93 2.62 -79.91	89.30 2.86 -57.88	88.01 2.62 -58.91	61.50 2.52 -33.53	52.99 2.72 -24.11
NORTHPORT____2 23552	55.15 3.52 -22.29	52.21 3.31 -20.83	42.73 3.13 -12.14	47.44 3.11 -16.82	47.63 3.08 -17.04	55.32 4.20 -14.90	85.00 6.22 -25.59	94.63 6.55 -31.12	72.69 5.22 -22.02	60.89 4.15 -17.22	56.24 3.74 -16.57	54.71 3.58 -17.33	53.76 3.15 -19.69	55.06 3.14 -21.13	58.81 2.94 -27.92	73.44 2.93 -41.79	103.97 2.91 -73.30	115.25 3.36 -80.75	113.46 2.53 -87.09	107.93 2.62 -79.91	89.30 2.86 -57.88	88.01 2.62 -58.91	61.50 2.52 -33.53	52.99 2.72 -24.11

NORTHPORT___3 23553	54.30 2.70 -22.26	51.36 2.50 -20.79	41.91 2.33 -12.11	46.60 2.31 -16.78	46.80 2.28 -17.01	54.30 3.22 -14.86	83.92 5.22 -25.52	93.25 5.24 -31.05	71.63 4.18 -22.00	60.06 3.32 -17.22	55.48 2.98 -16.57	53.96 2.84 -17.33	53.11 2.50 -19.69	54.38 2.46 -21.13	58.20 2.32 -27.92	72.78 2.27 -41.79	103.27 2.22 -73.29	114.37 2.49 -80.75	112.79 1.86 -87.08	107.21 1.91 -79.90	88.55 2.11 -57.88	87.34 1.96 -58.90	60.86 1.91 -33.51	52.36 2.09 -24.11
NORTHPORT___4 23650	54.30 2.70 -22.26	51.36 2.50 -20.79	41.91 2.33 -12.11	46.60 2.31 -16.78	46.80 2.28 -17.01	54.30 3.22 -14.86	83.92 5.22 -25.52	93.25 5.24 -31.05	71.63 4.18 -22.00	60.06 3.32 -17.22	55.48 2.98 -16.57	53.96 2.84 -17.33	53.11 2.50 -19.69	54.38 2.46 -21.13	58.20 2.32 -27.92	72.78 2.27 -41.79	103.27 2.22 -73.29	114.37 2.49 -80.75	112.79 1.86 -87.08	107.21 1.91 -79.90	88.55 2.11 -57.88	87.34 1.96 -58.90	60.86 1.91 -33.51	52.36 2.09 -24.11
NORTHPORT___IC 23718	55.15 3.52 -22.29	52.21 3.31 -20.83	42.73 3.13 -12.14	47.44 3.11 -16.82	47.63 3.08 -17.04	55.32 4.20 -14.90	85.00 6.22 -25.59	94.63 6.55 -31.12	72.69 5.22 -22.02	60.89 4.15 -17.22	56.24 3.74 -16.57	54.71 3.58 -17.33	53.76 3.15 -19.69	55.06 3.14 -21.13	58.81 2.94 -27.92	73.44 2.93 -41.79	103.97 2.91 -73.30	115.25 3.36 -80.75	113.46 2.53 -87.09	107.93 2.62 -79.91	89.30 2.86 -57.88	88.01 2.62 -58.91	61.50 2.52 -33.53	52.99 2.72 -24.11
NORTH___COUNTRY_ESR 323785	28.11 -1.23 0.00	27.12 -0.95 0.00	26.75 -0.71 0.00	26.91 -0.61 0.00	27.21 -0.30 0.00	35.92 -0.29 0.00	53.35 0.16 0.00	57.13 0.17 0.00	45.54 0.09 0.00	39.64 0.12 0.00	36.14 0.22 0.00	33.66 -0.13 0.00	30.60 -0.31 0.00	30.51 -0.28 0.00	27.71 -0.25 0.00	28.47 -0.26 0.00	27.64 -0.11 0.00	30.88 -0.25 0.00	23.46 -0.38 0.00	24.79 -0.61 0.00	27.62 -0.94 0.00	25.92 -0.56 0.00	24.73 -0.71 0.00	25.32 -0.84 0.00
NPX_GEN_1385_PROXY 323591	56.00 4.37 -22.29	53.00 4.10 -20.83	51.00 3.93 -19.61	50.36 3.91 -18.94	52.00 3.85 -20.64	60.00 5.25 -18.54	85.00 7.55 -24.26	94.63 6.55 -31.12	72.69 5.22 -22.02	60.89 4.15 -17.22	56.24 3.74 -16.57	54.71 3.58 -17.33	53.76 3.15 -19.69	55.06 3.14 -21.13	58.81 2.94 -27.92	73.44 2.93 -41.79	103.97 2.91 -73.30	115.25 3.36 -80.75	113.46 2.53 -87.09	107.93 2.62 -79.91	89.30 2.86 -57.88	88.01 2.62 -58.91	61.50 2.52 -33.53	52.99 2.72 -24.11
NPX_GEN_CSC 323557	55.51 3.93 -22.24	52.54 3.71 -20.76	43.14 3.49 -12.19	47.75 3.44 -16.80	47.92 3.41 -17.01	57.11 4.74 -16.16	84.50 7.18 -24.13	95.71 7.75 -31.00	73.48 6.05 -21.98	61.48 4.74 -17.22	56.74 4.24 -16.57	55.15 4.02 -17.33	54.10 3.49 -19.69	55.45 3.54 -21.13	59.23 3.35 -27.92	73.96 3.45 -41.79	104.69 3.63 -73.30	115.99 4.11 -80.75	114.03 3.10 -87.09	108.54 3.23 -79.91	90.01 3.57 -57.89	88.57 3.18 -58.91	61.91 2.98 -33.49	53.43 3.16 -24.11
NSINS_S_GLNS_FALLS 23858	50.58 1.85 -19.40	45.51 1.77 -15.67	41.30 1.73 -12.10	41.16 1.76 -11.89	41.28 1.84 -11.93	46.73 2.50 -8.01	68.44 4.63 -10.62	79.19 4.50 -17.73	70.57 3.50 -21.62	64.19 2.57 -22.10	59.12 1.94 -21.26	57.71 1.69 -22.22	57.69 1.51 -25.27	59.44 1.54 -27.11	65.28 1.51 -35.81	66.68 1.58 -36.38	81.50 1.67 -52.08	119.66 1.93 -86.60	114.87 1.45 -89.57	83.70 1.60 -56.70	66.36 1.71 -36.08	66.04 1.40 -38.16	62.44 1.27 -35.72	58.22 1.23 -30.83
NUCOR_STEEL___DRP 24197	32.70 0.21 -3.16	30.74 0.11 -2.55	29.48 0.05 -1.97	29.50 0.06 -1.93	29.42 -0.03 -1.94	37.35 0.11 -1.03	55.03 0.11 -1.73	60.07 0.23 -2.88	49.15 0.18 -3.52	43.31 0.20 -3.59	39.57 0.18 -3.46	37.68 0.27 -3.62	35.27 0.25 -4.11	35.44 0.25 -4.41	33.98 0.20 -5.83	34.94 0.29 -5.93	36.44 0.19 -8.49	45.53 0.28 -14.12	38.64 0.19 -14.60	34.90 0.25 -9.25	34.84 0.40 -5.88	32.94 0.24 -6.22	31.50 0.23 -5.82	31.33 0.21 -4.96
NUMBER_THREE_WT_PWR 323818	30.52 0.09 -1.09	29.04 0.08 -0.88	28.20 0.06 -0.68	28.29 0.11 -0.67	28.26 0.08 -0.67	36.59 0.11 -0.27	54.27 0.48 -0.60	58.41 0.45 -1.00	46.85 0.18 -1.22	40.45 -0.32 -1.24	36.84 -0.29 -1.20	34.71 -0.34 -1.25	32.12 -0.21 -1.42	32.13 -0.18 -1.53	30.09 0.11 -2.02	30.87 0.12 -2.03	31.00 0.33 -2.91	35.88 -0.09 -4.84	29.21 0.38 -4.99	28.99 0.43 -3.16	31.00 0.43 -2.01	28.82 0.21 -2.13	27.62 0.18 -1.99	28.03 0.16 -1.71
NYISO_LBMP_REFERENCE 24008	29.34 0.00 0.00	28.08 0.00 0.00	27.46 0.00 0.00	27.51 0.00 0.00	27.51 0.00 0.00	36.21 0.00 0.00	53.19 0.00 0.00	56.96 0.00 0.00	45.45 0.00 0.00	39.52 0.00 0.00	35.93 0.00 0.00	33.80 0.00 0.00	30.91 0.00 0.00	30.78 0.00 0.00	27.96 0.00 0.00	28.73 0.00 0.00	27.76 0.00 0.00	31.13 0.00 0.00	23.84 0.00 0.00	25.40 0.00 0.00	28.56 0.00 0.00	26.48 0.00 0.00	25.45 0.00 0.00	26.16 0.00 0.00
NYPA_BRENTWD___GT 24164	55.30 3.79 -22.17	52.30 3.54 -20.69	43.07 3.35 -12.26	47.58 3.30 -16.77	47.74 3.27 -16.96	55.48 4.53 -14.74	85.31 6.81 -25.31	95.11 7.29 -30.86	73.16 5.77 -21.94	61.28 4.54 -17.22	56.60 4.09 -16.57	55.01 3.89 -17.33	54.03 3.43 -19.69	55.33 3.42 -21.13	59.09 3.21 -27.92	73.76 3.24 -41.79	104.38 3.33 -73.30	115.71 3.83 -80.75	113.82 2.88 -87.09	108.33 3.02 -79.91	89.73 3.28 -57.88	88.35 2.96 -58.91	61.67 2.80 -33.43	53.27 3.01 -24.11
NYPA_GOWANUS___GT5 24156	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	64.98 3.51 -8.28	75.05 4.27 -13.81	65.61 3.32 -16.85	59.54 2.81 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.32	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.56 1.97 -40.83	101.32 2.30 -67.89	95.78 1.74 -70.20	71.57 1.73 -44.44	58.53 1.68 -28.28	57.84 1.46 -29.91	54.87 1.42 -28.00	51.81 1.57 -24.09
NYPA_GOWANUS___GT6 24157	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.60 2.46 -4.92	64.98 3.51 -8.28	75.05 4.27 -13.81	65.61 3.32 -16.85	59.54 2.81 -17.22	54.86 2.37 -16.56	53.48 2.37 -17.32	52.76 2.16 -19.69	54.00 2.09 -21.13	57.65 1.79 -27.90	59.01 1.78 -28.50	70.56 1.97 -40.83	101.32 2.30 -67.89	95.78 1.74 -70.20	71.57 1.73 -44.44	58.53 1.68 -28.28	57.84 1.46 -29.91	54.87 1.42 -28.00	51.81 1.57 -24.09
NYPA_HARLEM__RVR__GT1 24160	46.77 2.32 -15.12	42.45 2.16 -12.21	39.10 2.20 -9.44	38.90 2.12 -9.26	38.90 2.09 -9.30	43.53 2.39 -4.92	64.71 3.25 -8.27	74.69 3.93 -13.81	65.42 3.13 -16.84	59.38 2.65 -17.21	54.78 2.30 -16.55	53.41 2.30 -17.31	52.66 2.07 -19.68	53.90 2.00 -21.12	57.59 1.73 -27.89	58.89 1.67 -28.50	70.38 1.80 -40.82	101.10 2.09 -67.88	95.61 1.57 -70.19	71.41 1.58 -44.43	58.37 1.54 -28.27	57.70 1.32 -29.90	54.79 1.35 -28.00	51.84 1.60 -24.09
NYPA_HARLEM__RVR__GT2 24161	46.77 2.32 -15.12	42.45 2.16 -12.21	39.10 2.20 -9.44	38.90 2.12 -9.26	38.90 2.09 -9.30	43.53 2.39 -4.92	64.71 3.25 -8.27	74.69 3.93 -13.81	65.42 3.13 -16.84	59.38 2.65 -17.21	54.78 2.30 -16.55	53.41 2.30 -17.31	52.66 2.07 -19.68	53.90 2.00 -21.12	57.59 1.73 -27.89	58.89 1.67 -28.50	70.38 1.80 -40.82	101.10 2.09 -67.88	95.61 1.57 -70.19	71.41 1.58 -44.43	58.37 1.54 -28.27	57.70 1.32 -29.90	54.79 1.35 -28.00	51.84 1.60 -24.09

NYPA_KENT____GT 24152	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.64 2.50 -4.92	65.09 3.62 -8.28	75.10 4.33 -13.81	65.66 3.36 -16.85	59.58 2.85 -17.22	54.93 2.44 -16.56	53.55 2.43 -17.32	52.80 2.20 -19.69	54.03 2.12 -21.13	57.71 1.85 -27.90	59.04 1.81 -28.50	70.56 1.97 -40.83	101.32 2.30 -67.89	95.76 1.72 -70.20	71.57 1.73 -44.44	58.55 1.71 -28.28	57.87 1.48 -29.91	54.89 1.45 -28.00	51.84 1.60 -24.09
NYPA_POUCH1____GT 24155	46.72 2.26 -15.12	42.37 2.08 -12.21	38.90 2.00 -9.44	38.70 1.93 -9.26	38.70 1.90 -9.30	43.53 2.39 -4.92	64.72 3.25 -8.28	74.76 3.99 -13.82	65.39 3.09 -16.85	59.35 2.61 -17.22	54.69 2.19 -16.57	53.31 2.20 -17.32	52.60 2.01 -19.68	53.85 1.94 -21.13	57.53 1.68 -27.89	58.87 1.64 -28.51	70.42 1.83 -40.83	101.17 2.15 -67.89	95.67 1.62 -70.21	71.47 1.63 -44.44	58.41 1.57 -28.28	57.74 1.35 -29.91	54.74 1.30 -28.00	51.71 1.46 -24.09
NYPA_VERNON____GT2 24162	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.67 2.53 -4.92	65.19 3.72 -8.28	75.16 4.39 -13.81	65.71 3.41 -16.85	59.62 2.88 -17.22	54.97 2.48 -16.56	53.58 2.47 -17.32	52.83 2.23 -19.69	54.06 2.15 -21.13	57.74 1.87 -27.90	59.07 1.84 -28.50	70.56 1.97 -40.83	101.29 2.27 -67.89	95.76 1.72 -70.20	71.57 1.73 -44.44	58.55 1.71 -28.28	57.89 1.51 -29.91	54.94 1.50 -28.00	51.87 1.62 -24.09
NYPA_VERNON____GT3 24163	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.67 2.53 -4.92	65.19 3.72 -8.28	75.16 4.39 -13.81	65.71 3.41 -16.85	59.62 2.88 -17.22	54.97 2.48 -16.56	53.58 2.47 -17.32	52.83 2.23 -19.69	54.06 2.15 -21.13	57.74 1.87 -27.90	59.07 1.84 -28.50	70.56 1.97 -40.83	101.29 2.27 -67.89	95.76 1.72 -70.20	71.57 1.73 -44.44	58.55 1.71 -28.28	57.89 1.51 -29.91	54.94 1.50 -28.00	51.87 1.62 -24.09
NYPA__ASTORIA_CC1 323568	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.78 2.01 -9.26	38.79 1.98 -9.30	43.67 2.53 -4.92	65.14 3.67 -8.28	75.10 4.33 -13.81	65.66 3.36 -16.85	59.58 2.85 -17.22	54.93 2.44 -16.56	53.55 2.43 -17.32	52.80 2.20 -19.69	54.03 2.12 -21.13	57.68 1.82 -27.90	59.04 1.81 -28.50	70.50 1.91 -40.83	101.23 2.21 -67.89	95.71 1.67 -70.20	71.51 1.68 -44.44	58.53 1.68 -28.28	57.87 1.48 -29.91	54.89 1.45 -28.00	51.87 1.62 -24.09
NYPA__ASTORIA_CC2 323569	46.75 2.29 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.78 2.01 -9.26	38.79 1.98 -9.30	43.67 2.53 -4.92	65.14 3.67 -8.28	75.10 4.33 -13.81	65.66 3.36 -16.85	59.58 2.85 -17.22	54.93 2.44 -16.56	53.55 2.43 -17.32	52.80 2.20 -19.69	54.03 2.12 -21.13	57.68 1.82 -27.90	59.04 1.81 -28.50	70.50 1.91 -40.83	101.23 2.21 -67.89	95.71 1.67 -70.20	71.51 1.68 -44.44	58.53 1.68 -28.28	57.87 1.48 -29.91	54.89 1.45 -28.00	51.87 1.62 -24.09
NYPA__HOLTSVILL 23794	55.25 3.67 -22.24	52.27 3.42 -20.77	42.89 3.24 -12.19	47.50 3.19 -16.80	47.68 3.16 -17.01	55.43 4.38 -14.84	85.31 6.65 -25.47	95.09 7.12 -31.01	73.03 5.59 -21.99	61.17 4.43 -17.22	56.45 3.95 -16.57	54.88 3.75 -17.33	53.88 3.28 -19.69	55.21 3.30 -21.13	59.01 3.13 -27.92	73.67 3.16 -41.79	104.33 3.27 -73.30	115.65 3.77 -80.75	113.74 2.81 -87.09	108.26 2.94 -79.91	89.64 3.20 -57.89	88.28 2.89 -58.91	61.63 2.70 -33.49	53.17 2.90 -24.11
NYPA____HELLGATE_GT1 24158	46.75 2.29 -15.12	42.42 2.13 -12.21	39.10 2.20 -9.44	38.90 2.12 -9.26	38.90 2.09 -9.30	43.49 2.35 -4.92	64.65 3.19 -8.27	74.64 3.88 -13.81	65.42 3.13 -16.84	59.38 2.65 -17.21	54.78 2.30 -16.55	53.41 2.30 -17.31	52.66 2.07 -19.68	53.90 2.00 -21.12	57.59 1.73 -27.89	58.89 1.67 -28.50	70.38 1.80 -40.82	101.10 2.09 -67.88	95.61 1.57 -70.19	71.38 1.55 -44.43	58.37 1.54 -28.27	57.67 1.30 -29.90	54.76 1.32 -28.00	51.81 1.57 -24.09
NYPA____HELLGATE_GT2 24159	46.75 2.29 -15.12	42.42 2.13 -12.21	39.10 2.20 -9.44	38.90 2.12 -9.26	38.90 2.09 -9.30	43.49 2.35 -4.92	64.65 3.19 -8.27	74.64 3.88 -13.81	65.42 3.13 -16.84	59.38 2.65 -17.21	54.78 2.30 -16.55	53.41 2.30 -17.31	52.66 2.07 -19.68	53.90 2.00 -21.12	57.59 1.73 -27.89	58.89 1.67 -28.50	70.38 1.80 -40.82	101.10 2.09 -67.88	95.61 1.57 -70.19	71.38 1.55 -44.43	58.37 1.54 -28.27	57.67 1.30 -29.90	54.76 1.32 -28.00	51.81 1.57 -24.09
NYS_BARGE__HYD 23848	31.52 -1.29 -3.47	29.45 -1.43 -2.80	28.06 -1.56 -2.17	27.91 -1.73 -2.13	27.85 -1.79 -2.13	35.39 -1.96 -1.13	51.53 -3.56 -1.90	55.18 -4.61 -2.83	45.59 -3.32 -3.45	40.28 -2.77 -3.53	36.92 -2.41 -3.39	35.51 -2.10 -3.81	33.58 -1.85 -4.52	33.79 -1.85 -4.85	32.69 -1.68 -6.41	33.40 -1.78 -6.46	34.05 -1.97 -8.26	43.11 -1.87 -13.85	36.61 -1.57 -14.35	32.73 -1.75 -9.08	32.51 -1.83 -5.78	30.71 -1.88 -6.11	30.17 -1.65 -6.38	30.15 -1.49 -5.48
OAK_ORCHARD__HYD 24046	31.89 -0.59 -3.14	29.93 -0.67 -2.53	28.62 -0.80 -1.96	28.55 -0.88 -1.92	28.47 -0.96 -1.93	36.29 -0.94 -1.02	53.31 -1.59 -1.72	57.89 -1.94 -2.87	47.67 -1.27 -3.49	42.06 -1.03 -3.57	38.50 -0.86 -3.44	36.75 -0.64 -3.59	34.44 -0.56 -4.08	34.58 -0.59 -4.38	33.13 -0.62 -5.79	33.96 -0.60 -5.84	35.36 -0.75 -8.35	44.45 -0.56 -13.88	37.82 -0.57 -14.55	33.98 -0.63 -9.21	33.82 -0.60 -5.86	31.93 -0.74 -6.20	30.61 -0.64 -5.80	30.55 -0.60 -4.99
OAKDALE__35_KV_LOAD 356122	35.58 0.26 -5.97	33.07 0.17 -4.83	31.27 0.08 -3.73	31.23 0.06 -3.66	31.18 0.00 -3.67	38.36 0.18 -1.96	56.68 0.21 -3.27	62.53 0.17 -5.40	52.17 0.14 -6.59	46.41 0.16 -6.73	42.55 0.14 -6.48	40.82 0.20 -6.82	38.88 0.19 -7.78	39.32 0.18 -8.35	39.13 0.14 -11.03	40.07 0.11 -11.23	43.72 0.06 -15.91	57.76 0.16 -26.47	51.32 0.10 -27.38	42.88 0.15 -17.33	39.85 0.26 -11.03	38.27 0.13 -11.66	36.58 0.10 -11.03	35.66 0.16 -9.34
OCC_CHEM__DRP 24175	30.98 -1.88 -3.52	28.95 -1.97 -2.84	27.51 -2.14 -2.20	27.38 -2.28 -2.16	27.31 -2.37 -2.16	34.68 -2.68 -1.15	50.28 -4.84 -1.93	53.46 -6.27 -2.76	44.08 -4.73 -3.36	39.08 -3.87 -3.43	35.79 -3.45 -3.31	34.56 -3.04 -3.80	32.84 -2.66 -4.58	33.05 -2.65 -4.92	32.05 -2.40 -6.50	32.87 -2.47 -6.61	33.27 -2.66 -8.18	42.19 -2.68 -13.74	35.79 -2.17 -14.12	32.08 -2.26 -8.94	31.80 -2.46 -5.69	30.01 -2.49 -6.02	29.75 -2.19 -6.49	29.67 -2.01 -5.52
OH_GEN_PROXY 24063	31.30 -1.53 -3.49	29.24 -1.66 -2.82	27.82 -1.81 -2.18	27.70 -1.95 -2.14	27.62 -2.04 -2.15	36.36 -2.32 -2.46	49.63 -4.15 -0.58	54.73 -5.30 -3.07	45.37 -3.82 -3.74	40.10 -3.24 -3.82	36.80 -2.80 -3.67	35.30 -2.43 -3.94	33.29 -2.16 -4.54	33.48 -2.18 -4.88	32.42 -1.98 -6.44	33.18 -2.04 -6.49	34.43 -2.25 -8.92	43.77 -2.24 -14.88	37.48 -1.81 -15.45	33.23 -1.96 -9.78	32.73 -2.06 -6.23	31.00 -2.07 -6.58	30.05 -1.81 -6.41	30.05 -1.62 -5.51
OLIN_CORP_DRP 24177	31.26 -1.61 -3.53	29.16 -1.77 -2.86	27.77 -1.89 -2.21	27.62 -2.06 -2.17	27.56 -2.12 -2.17	35.01 -2.35 -1.15	50.82 -4.31 -1.94	54.15 -5.64 -2.83	44.66 -4.23 -3.44	39.56 -3.48 -3.51	36.23 -3.09 -3.39	34.94 -2.70 -3.84	33.14 -2.38 -4.60	33.39 -2.34 -4.94	32.36 -2.13 -6.53	33.16 -2.21 -6.65	33.76 -2.36 -8.36	42.79 -2.37 -14.03	36.36 -1.91 -14.43	32.53 -2.01 -9.14	32.21 -2.17 -5.82	30.40 -2.22 -6.15	30.01 -1.96 -6.53	29.93 -1.78 -5.55

OLIN_CORP_DSASP 323712	30.92 -1.94 -3.52	28.95 -1.97 -2.84	27.51 -2.14 -2.20	27.39 -2.28 -2.16	27.31 -2.37 -2.16	34.61 -2.75 -1.15	50.28 -4.84 -1.93	53.46 -6.27 -2.76	44.27 -4.54 -3.37	39.13 -3.83 -3.44	35.90 -3.34 -3.31	34.66 -2.94 -3.80	32.87 -2.63 -4.58	33.05 -2.65 -4.92	32.08 -2.38 -6.50	32.80 -2.47 -6.55	33.14 -2.66 -8.05	41.96 -2.71 -13.54	35.64 -2.19 -13.99	31.87 -2.39 -8.86	31.69 -2.51 -5.64	29.95 -2.49 -5.96	29.71 -2.19 -6.46	29.70 -2.01 -5.56
ONEIDA_HERK_LFGE 323681	30.81 0.53 -0.95	29.32 0.48 -0.76	28.46 0.41 -0.59	28.56 0.47 -0.58	28.53 0.44 -0.58	37.13 0.69 -0.23	55.09 1.38 -0.52	59.25 1.42 -0.87	47.55 1.05 -1.06	41.27 0.67 -1.08	37.58 0.61 -1.04	35.42 0.54 -1.09	32.61 0.46 -1.23	32.60 0.49 -1.32	30.27 0.56 -1.75	31.09 0.60 -1.76	30.97 0.69 -2.52	35.91 0.59 -4.19	28.78 0.62 -4.32	28.82 0.69 -2.74	31.04 0.74 -1.74	28.85 0.53 -1.84	27.63 0.46 -1.72	28.11 0.47 -1.48
ONEIDA___115KV_TB4 55905	31.79 0.82 -1.63	30.15 0.76 -1.32	29.17 0.69 -1.02	29.23 0.72 -1.00	29.17 0.66 -1.00	37.82 1.09 -0.52	55.95 1.86 -0.89	60.50 2.05 -1.49	48.81 1.55 -1.82	42.60 1.23 -1.86	38.83 1.11 -1.79	36.72 1.05 -1.87	33.93 0.90 -2.12	33.99 0.92 -2.28	31.81 0.84 -3.01	32.74 0.95 -3.07	33.06 0.92 -4.39	39.43 1.00 -7.30	32.21 0.81 -7.55	31.07 0.89 -4.78	32.63 1.03 -3.04	30.46 0.77 -3.22	29.15 0.69 -3.01	29.46 0.73 -2.56
ONONDAGA_REF_OCCRA 23987	32.13 -0.15 -2.94	30.25 -0.20 -2.38	29.02 -0.27 -1.84	29.04 -0.28 -1.80	28.99 -0.33 -1.81	36.81 -0.36 -0.96	54.22 -0.59 -1.61	59.08 -0.57 -2.69	48.32 -0.41 -3.28	42.56 -0.32 -3.35	38.86 -0.29 -3.22	36.97 -0.20 -3.37	34.62 -0.12 -3.83	34.74 -0.15 -4.11	33.28 -0.11 -5.43	34.14 -0.11 -5.53	35.51 -0.17 -7.92	44.14 -0.16 -13.16	37.36 -0.10 -13.62	33.99 -0.03 -8.62	34.16 0.11 -5.49	32.28 0.00 -5.80	30.88 0.00 -5.43	30.76 -0.03 -4.62
ONONDAGA___COGEN 23986	32.11 -0.09 -2.86	30.25 -0.14 -2.31	29.05 -0.19 -1.78	29.07 -0.19 -1.75	29.02 -0.25 -1.76	36.89 -0.25 -0.93	54.33 -0.43 -1.57	59.18 -0.40 -2.61	48.36 -0.27 -3.19	42.62 -0.16 -3.26	38.92 -0.14 -3.13	37.01 -0.07 -3.28	34.64 0.00 -3.73	34.75 -0.03 -4.00	33.21 -0.03 -5.28	34.07 -0.03 -5.38	35.37 -0.08 -7.70	43.87 -0.06 -12.80	37.06 -0.02 -13.24	33.80 0.03 -8.38	34.04 0.14 -5.33	32.17 0.05 -5.64	30.78 0.05 -5.28	30.69 0.03 -4.50
ONTARIO___LFGE 23819	33.91 0.76 -3.81	31.77 0.62 -3.08	30.33 0.49 -2.38	30.31 0.47 -2.33	30.26 0.41 -2.34	38.36 0.91 -1.24	56.18 0.90 -2.09	61.58 1.20 -3.42	50.53 0.91 -4.17	44.45 0.67 -4.26	40.93 0.90 -4.10	39.01 0.88 -4.33	36.71 0.83 -4.96	36.94 0.83 -5.32	35.77 0.78 -7.03	36.63 0.83 -7.07	38.55 0.69 -10.10	48.60 0.65 -16.81	39.80 0.12 -15.83	35.63 0.20 -10.02	35.22 0.29 -6.38	33.30 0.08 -6.75	31.82 0.03 -6.35	31.65 0.03 -5.46
ORANGEVILLE_WT_PWR 323706	32.42 -0.91 -3.99	30.29 -1.01 -3.22	28.83 -1.13 -2.49	28.69 -1.27 -2.45	28.62 -1.35 -2.46	36.03 -1.49 -1.31	52.51 -2.87 -2.19	56.71 -3.59 -3.34	46.84 -2.68 -4.07	41.35 -2.33 -4.16	37.88 -2.05 -4.00	36.36 -1.86 -4.42	34.44 -1.67 -5.20	34.76 -1.60 -5.58	33.94 -1.40 -7.37	34.57 -1.58 -7.43	35.77 -1.72 -9.73	45.64 -1.77 -16.28	39.12 -1.48 -16.76	34.43 -1.57 -10.61	33.80 -1.51 -6.75	32.06 -1.56 -7.14	31.35 -1.37 -7.28	31.19 -1.23 -6.26
ORANGEVILLE___ESR 323794	32.42 -0.91 -3.99	30.29 -1.01 -3.22	28.83 -1.13 -2.49	28.69 -1.27 -2.45	28.62 -1.35 -2.46	36.03 -1.49 -1.31	52.51 -2.87 -2.19	56.71 -3.59 -3.34	46.84 -2.68 -4.07	41.35 -2.33 -4.16	37.88 -2.05 -4.00	36.36 -1.86 -4.42	34.44 -1.67 -5.20	34.76 -1.60 -5.58	33.94 -1.40 -7.37	34.57 -1.58 -7.43	35.77 -1.72 -9.73	45.64 -1.77 -16.28	39.12 -1.48 -16.76	34.43 -1.57 -10.61	33.80 -1.51 -6.75	32.06 -1.56 -7.14	31.35 -1.37 -7.28	31.19 -1.23 -6.26
OSWEGATCHIE___HYD 24044	29.64 -0.50 -0.81	28.28 -0.45 -0.65	27.61 -0.36 -0.50	27.70 -0.30 -0.49	27.70 -0.30 -0.50	35.87 -0.54 -0.20	52.94 -0.69 -0.44	56.96 -0.74 -0.74	45.58 -0.77 -0.90	39.65 -0.79 -0.92	36.17 -0.65 -0.89	34.02 -0.71 -0.93	31.32 -0.65 -1.06	31.30 -0.62 -1.13	29.01 -0.45 -1.50	29.72 -0.52 -1.51	29.67 -0.25 -2.16	34.13 -0.59 -3.60	27.36 -0.19 -3.71	27.52 -0.23 -2.35	29.65 -0.40 -1.49	27.69 -0.37 -1.58	26.62 -0.30 -1.48	27.08 -0.34 -1.26
OSWEGO___5 23606	31.02 -0.67 -2.36	29.31 -0.67 -1.91	28.25 -0.69 -1.47	28.27 -0.69 -1.45	28.24 -0.72 -1.45	36.04 -0.94 -0.76	53.05 -1.43 -1.29	57.58 -1.54 -2.16	46.90 -1.18 -2.63	41.22 -0.99 -2.69	37.62 -0.90 -2.59	35.73 -0.78 -2.70	33.31 -0.68 -3.07	33.40 -0.68 -3.30	31.70 -0.62 -4.36	32.49 -0.63 -4.39	33.38 -0.67 -6.29	40.87 -0.71 -10.46	34.10 -0.55 -10.80	31.70 -0.53 -6.84	32.43 -0.49 -4.35	30.58 -0.50 -4.60	29.30 -0.46 -4.31	29.42 -0.44 -3.71
OSWEGO___6 23613	31.02 -0.67 -2.36	29.31 -0.67 -1.91	28.25 -0.69 -1.47	28.27 -0.69 -1.45	28.24 -0.72 -1.45	36.04 -0.94 -0.76	53.05 -1.43 -1.29	57.58 -1.54 -2.16	46.90 -1.18 -2.63	41.22 -0.99 -2.69	37.62 -0.90 -2.59	35.73 -0.78 -2.70	33.31 -0.68 -3.07	33.40 -0.68 -3.30	31.70 -0.62 -4.36	32.49 -0.63 -4.39	33.38 -0.67 -6.29	40.87 -0.71 -10.46	34.10 -0.55 -10.80	31.70 -0.53 -6.84	32.43 -0.49 -4.35	30.58 -0.50 -4.60	29.30 -0.46 -4.31	29.42 -0.44 -3.71
OUTOKUMPU-AB___DRP 24206	31.80 -1.09 -3.55	29.65 -1.29 -2.87	28.25 -1.43 -2.22	28.09 -1.60 -2.18	28.04 -1.65 -2.18	35.64 -1.74 -1.16	51.79 -3.35 -1.95	55.37 -4.44 -2.85	45.65 -3.27 -3.47	40.42 -2.65 -3.55	37.01 -2.34 -3.42	35.64 -2.03 -3.87	33.78 -1.76 -4.63	34.03 -1.72 -4.97	32.93 -1.59 -6.56	33.74 -1.67 -6.68	34.36 -1.83 -8.44	43.54 -1.74 -14.15	36.92 -1.48 -14.56	33.07 -1.55 -9.22	32.74 -1.69 -5.87	30.91 -1.77 -6.21	30.43 -1.58 -6.56	30.32 -1.41 -5.58
OXBOW___ 24026	31.44 -1.44 -3.54	29.36 -1.57 -2.86	27.96 -1.70 -2.21	27.81 -1.87 -2.17	27.76 -1.93 -2.17	35.20 -2.17 -1.15	51.19 -3.94 -1.94	54.59 -5.18 -2.81	45.19 -3.68 -3.42	39.94 -3.08 -3.50	36.60 -2.70 -3.36	35.31 -2.33 -3.84	33.45 -2.07 -4.61	33.66 -2.06 -4.94	32.62 -1.87 -6.53	33.32 -1.98 -6.58	33.77 -2.16 -8.18	42.76 -2.12 -13.74	36.29 -1.76 -14.21	32.44 -1.96 -9.00	32.26 -2.03 -5.73	30.47 -2.07 -6.06	30.13 -1.81 -6.49	30.09 -1.65 -5.58
OXY_CHEM_DSASP 323612	30.98 -1.88 -3.52	28.95 -1.97 -2.84	27.51 -2.14 -2.20	27.38 -2.28 -2.16	27.31 -2.37 -2.16	34.68 -2.68 -1.15	50.28 -4.84 -1.93	53.46 -6.27 -2.76	44.08 -4.73 -3.36	39.08 -3.87 -3.43	35.79 -3.45 -3.31	34.56 -3.04 -3.80	32.84 -2.66 -4.58	33.05 -2.65 -4.92	32.05 -2.40 -6.50	32.87 -2.47 -6.61	33.27 -2.66 -8.18	42.19 -2.68 -13.74	35.79 -2.17 -14.12	32.08 -2.26 -8.94	31.80 -2.46 -5.69	30.01 -2.49 -6.02	29.75 -2.19 -6.49	29.67 -2.01 -5.52
OZONE_PARK_ESR 323760	46.74 2.29 -15.12	42.42 2.13 -12.21	38.96 2.06 -9.43	38.81 2.04 -9.26	38.79 1.98 -9.30	43.78 2.64 -4.92	65.57 4.10 -8.28	75.56 4.78 -13.82	66.12 3.82 -16.85	59.87 3.12 -17.22	55.26 2.77 -16.57	53.82 2.70 -17.32	53.05 2.44 -19.69	54.26 2.34 -21.13	57.92 2.04 -27.91	59.20 2.07 -28.41	70.60 2.16 -40.68	101.25 2.49 -67.63	95.66 1.86 -69.95	71.61 1.93 -44.28	58.71 1.97 -28.18	58.05 1.77 -29.80	55.05 1.70 -27.90	52.05 1.81 -24.09

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	30.98 -1.88 -3.52	28.95 -1.97 -2.84	27.51 -2.14 -2.20	27.38 -2.28 -2.16	27.31 -2.37 -2.16	34.68 -2.68 -1.15	50.28 -4.84 -1.93	53.46 -6.27 -2.76	44.08 -4.73 -3.36	39.08 -3.87 -3.43	35.79 -3.45 -3.31	34.56 -3.04 -3.80	32.84 -2.66 -4.58	33.05 -2.65 -4.92	32.05 -2.40 -6.50	32.87 -2.47 -6.61	33.27 -2.66 -8.18	42.19 -2.68 -13.74	35.79 -2.17 -14.12	32.08 -2.26 -8.94	31.80 -2.46 -5.69	30.01 -2.49 -6.02	29.75 -2.19 -6.49	29.67 -2.01 -5.52
PACKARD__115KV_DUPONT_184 80571	30.98 -1.88 -3.52	28.95 -1.97 -2.84	27.51 -2.14 -2.20	27.38 -2.28 -2.16	27.31 -2.37 -2.16	34.68 -2.68 -1.15	50.28 -4.84 -1.93	53.46 -6.27 -2.76	44.08 -4.73 -3.36	39.08 -3.87 -3.43	35.79 -3.45 -3.31	34.56 -3.04 -3.80	32.84 -2.66 -4.58	33.05 -2.65 -4.92	32.05 -2.40 -6.50	32.87 -2.47 -6.61	33.27 -2.66 -8.18	42.19 -2.68 -13.74	35.79 -2.17 -14.12	32.08 -2.26 -8.94	31.80 -2.46 -5.69	30.01 -2.49 -6.02	29.75 -2.19 -6.49	29.67 -2.01 -5.52
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	46.80 2.35 -15.12	42.51 2.22 -12.21	39.09 2.20 -9.44	38.90 2.12 -9.26	38.90 2.09 -9.30	43.64 2.50 -4.92	64.93 3.46 -8.28	74.83 4.04 -13.82	65.48 3.18 -16.85	59.35 2.61 -17.22	54.83 2.34 -16.57	53.42 2.30 -17.32	52.68 2.07 -19.70	53.86 1.94 -21.14	57.55 1.68 -27.91	58.80 1.67 -28.41	70.21 1.78 -40.68	100.76 1.99 -67.64	95.28 1.48 -69.96	71.21 1.52 -44.29	58.29 1.54 -28.18	57.66 1.38 -29.80	54.75 1.40 -27.90	51.92 1.67 -24.09
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	47.07 2.61 -15.12	42.76 2.47 -12.21	39.34 2.44 -9.44	39.14 2.37 -9.26	39.14 2.34 -9.30	43.96 2.82 -4.92	65.41 3.94 -8.28	75.40 4.61 -13.82	65.89 3.59 -16.85	59.67 2.92 -17.22	55.12 2.62 -16.57	53.69 2.57 -17.32	52.90 2.29 -19.70	54.11 2.19 -21.14	57.75 1.87 -27.91	59.00 1.87 -28.41	70.40 1.97 -40.68	101.01 2.24 -67.64	95.47 1.67 -69.96	71.44 1.75 -44.29	58.48 1.74 -28.18	57.87 1.59 -29.80	54.97 1.63 -27.90	52.13 1.88 -24.09
PATROON__115KV_TB1 80586	49.88 1.53 -19.01	44.89 1.46 -15.36	40.76 1.43 -11.87	40.57 1.40 -11.65	40.63 1.43 -11.69	45.33 1.88 -7.23	66.11 2.50 -10.41	76.91 2.56 -17.38	68.69 2.05 -21.19	62.92 1.74 -21.66	58.42 1.65 -20.84	57.17 1.59 -21.79	57.17 1.48 -24.77	58.81 1.45 -26.58	64.38 1.31 -35.11	65.50 1.32 -35.46	79.66 1.14 -50.77	116.79 1.25 -84.41	112.08 0.93 -87.31	81.68 1.02 -55.27	64.85 1.11 -35.17	64.68 1.01 -37.19	61.18 0.92 -34.82	57.36 0.97 -30.23
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.67 -1.38 -3.71	29.50 -1.57 -3.00	28.10 -1.68 -2.32	27.95 -1.84 -2.28	27.89 -1.90 -2.28	35.33 -2.10 -1.21	51.50 -3.72 -2.03	55.61 -4.39 -3.03	45.77 -3.36 -3.69	40.44 -2.85 -3.77	37.01 -2.55 -3.63	35.54 -2.33 -4.07	33.71 -2.04 -4.84	33.95 -2.03 -5.19	32.97 -1.85 -6.86	33.76 -1.95 -6.98	34.72 -2.00 -8.96	44.19 -1.96 -15.02	37.68 -1.62 -15.46	33.54 -1.65 -9.79	33.02 -1.77 -6.23	31.19 -1.88 -6.59	30.52 -1.78 -6.86	30.31 -1.67 -5.83
PAWLING_115_KV_BK3_REV_LBMP_H 345028	46.99 2.32 -15.33	42.59 2.13 -12.38	39.03 2.00 -9.57	38.97 2.06 -9.39	38.86 1.93 -9.43	43.74 2.54 -4.99	65.68 4.10 -8.40	75.65 4.67 -14.01	66.27 3.73 -17.09	60.03 3.04 -17.47	55.39 2.66 -16.80	53.83 2.47 -17.57	53.14 2.26 -19.97	54.43 2.22 -21.43	58.22 1.96 -28.31	59.57 2.04 -28.81	71.06 2.05 -41.25	102.14 2.43 -68.58	96.64 1.86 -70.94	72.16 1.85 -44.90	59.14 2.00 -28.58	58.55 1.85 -30.22	55.44 1.70 -28.29	52.34 1.75 -24.43
PEEKSKILL____ 23653	46.21 1.91 -14.97	41.91 1.74 -12.09	38.50 1.70 -9.34	38.36 1.68 -9.17	38.33 1.62 -9.20	43.30 2.21 -4.88	64.79 3.41 -8.19	74.45 3.82 -13.68	65.08 2.95 -16.68	59.02 2.45 -17.04	54.48 2.16 -16.40	53.04 2.10 -17.14	52.32 1.92 -19.49	53.55 1.85 -20.91	57.23 1.65 -27.62	58.58 1.64 -28.22	69.85 1.67 -40.42	100.34 1.99 -67.22	94.83 1.48 -69.51	70.90 1.50 -44.00	58.13 1.57 -28.00	57.52 1.43 -29.61	54.54 1.37 -27.72	51.44 1.44 -23.85
PGE MADISON__WINDPWR 24146	37.84 2.46 -6.04	35.23 2.27 -4.88	33.23 2.00 -3.77	33.30 2.09 -3.70	33.15 1.92 -3.71	41.38 3.19 -1.98	62.19 5.69 -3.31	68.65 6.21 -5.48	56.90 4.77 -6.68	50.26 3.91 -6.82	46.05 3.56 -6.56	44.07 3.38 -6.90	41.62 2.84 -7.87	42.06 2.83 -8.44	41.65 2.54 -11.15	41.99 2.67 -10.59	45.37 2.61 -15.01	59.24 3.14 -24.97	51.91 2.34 -25.73	44.20 2.52 -16.29	41.75 2.83 -10.36	39.61 2.17 -10.96	37.69 1.91 -10.34	37.02 1.96 -8.89
PIERCEFIELD__HYD 23852	29.25 -0.53 -0.44	27.98 -0.45 -0.36	27.49 -0.25 -0.27	27.56 -0.22 -0.27	27.64 -0.14 -0.27	35.82 -0.51 -0.11	52.42 -1.01 -0.24	56.39 -0.97 -0.40	45.08 -0.86 -0.49	39.39 -0.63 -0.50	36.02 -0.40 -0.48	33.76 -0.54 -0.50	30.93 -0.56 -0.57	30.84 -0.55 -0.62	28.35 -0.42 -0.81	28.94 -0.63 -0.84	28.63 -0.33 -1.21	32.52 -0.62 -2.01	25.59 -0.33 -2.08	26.28 -0.43 -1.32	28.60 -0.80 -0.84	26.86 -0.50 -0.89	25.92 -0.36 -0.83	26.53 -0.34 -0.71
PINELAWN_CC_1 323563	54.55 3.31 -21.90	51.55 3.12 -20.35	42.98 2.94 -12.58	47.09 2.89 -16.69	47.14 2.86 -16.77	54.52 3.95 -14.36	83.89 6.06 -24.64	93.17 5.98 -30.23	71.89 4.68 -21.75	60.37 3.63 -17.22	55.77 3.27 -16.57	54.23 3.11 -17.33	53.32 2.72 -19.69	54.50 2.59 -21.13	58.34 2.46 -27.92	72.95 2.44 -41.79	103.58 2.53 -73.30	114.81 2.93 -80.75	113.24 2.31 -87.09	107.75 2.44 -79.91	89.04 2.60 -57.88	87.98 2.60 -58.91	61.06 2.44 -33.17	52.91 2.64 -24.10
PJM_GEN_HTP_PROXY 323702	46.54 2.08 -15.12	42.20 1.91 -12.21	38.76 1.87 -9.43	38.59 1.82 -9.26	38.59 1.79 -9.30	44.89 2.43 -6.25	63.81 3.67 -6.95	75.05 4.27 -13.81	65.61 3.32 -16.84	59.50 2.77 -17.21	54.90 2.41 -16.56	53.48 2.37 -17.31	52.76 2.16 -19.68	54.00 2.09 -21.12	57.68 1.82 -27.90	59.04 1.81 -28.50	70.49 1.91 -40.82	101.22 2.21 -67.88	95.68 1.64 -70.19	71.51 1.68 -44.43	58.55 1.71 -28.28	57.92 1.54 -29.90	54.91 1.48 -27.99	51.81 1.57 -24.08
PJM_GEN_KEystone 24065	39.40 0.32 -9.74	36.14 0.20 -7.87	33.65 0.11 -6.08	33.54 0.06 -5.97	33.50 0.00 -5.99	40.90 0.18 -4.50	57.20 0.00 -4.01	65.66 -0.11 -8.81	56.10 -0.09 -10.74	50.38 -0.12 -10.98	46.35 -0.14 -10.56	44.88 -0.03 -11.11	43.60 0.00 -12.69	44.34 -0.06 -13.61	45.88 -0.06 -17.98	46.94 -0.11 -18.33	53.58 -0.14 -25.96	74.36 0.03 -43.20	68.44 -0.07 -44.67	53.60 -0.08 -28.28	46.47 -0.09 -18.00	45.35 -0.16 -19.03	43.34 -0.10 -17.99	41.64 0.00 -15.48
PJM_GEN_NEPTUNE_PROXY 323594	50.02 2.70 -17.98	46.28 2.55 -15.65	40.81 2.42 -10.94	42.36 2.37 -12.48	42.34 2.34 -12.49	49.67 3.22 -10.23	71.93 4.89 -13.85	81.44 5.24 -19.25	68.16 4.23 -18.48	60.14 3.40 -17.22	55.55 3.05 -16.57	54.06 2.94 -17.32	53.20 2.60 -19.69	54.47 2.55 -21.13	58.25 2.38 -27.91	72.77 2.27 -41.78	103.34 2.30 -73.28	114.55 2.68 -80.75	112.93 2.00 -87.08	107.36 2.06 -79.90	88.63 2.20 -57.87	87.38 2.01 -58.89	55.63 1.93 -28.25	52.40 2.15 -24.09
PJM_GEN_VFT_PROXY 323633	46.39 1.94 -15.12	42.06 1.77 -12.21	38.63 1.73 -9.43	38.45 1.68 -9.26	38.46 1.65 -9.30	44.71 2.25 -6.25	63.55 3.41 -6.95	74.76 3.99 -13.81	65.39 3.09 -16.84	59.30 2.57 -17.22	54.68 2.19 -16.56	53.34 2.23 -17.31	52.61 2.01 -19.69	53.85 1.94 -21.13	57.51 1.65 -27.90	58.86 1.64 -28.50	70.33 1.75 -40.83	101.07 2.05 -67.88	95.57 1.53 -70.20	71.38 1.55 -44.44	58.38 1.54 -28.28	57.76 1.38 -29.90	54.76 1.32 -27.99	51.68 1.44 -24.08

PLATSBRG_115KV_PMLD1 355749	28.43 -0.91 0.00	27.43 -0.65 0.00	27.02 -0.44 0.00	27.21 -0.30 0.00	27.51 0.00 0.00	36.36 0.14 0.00	54.10 0.90 0.00	57.64 0.68 0.00	46.04 0.59 0.00	40.03 0.51 0.00	36.50 0.57 0.00	34.00 0.20 0.00	30.88 -0.03 0.00	30.78 0.00 0.00	27.99 0.03 0.00	28.73 0.00 0.00	27.89 0.14 0.00	31.19 0.06 0.00	23.68 -0.17 0.00	24.99 -0.41 0.00	27.85 -0.71 0.00	26.29 -0.19 0.00	25.06 -0.38 0.00	25.64 -0.52 0.00
PLEASANTVLY___LBMP 24000	46.93 1.79 -15.81	42.53 1.68 -12.77	38.97 1.65 -9.86	38.82 1.62 -9.69	38.82 1.60 -9.72	43.46 2.10 -5.14	65.04 3.19 -8.66	75.00 3.59 -14.45	65.93 2.86 -17.62	59.90 2.37 -18.01	55.37 2.12 -17.32	53.94 2.03 -18.11	53.36 1.85 -20.59	54.67 1.79 -22.10	58.74 1.59 -29.18	60.04 1.61 -29.70	71.87 1.58 -42.53	103.68 1.84 -70.71	98.37 1.38 -73.14	73.15 1.45 -46.30	59.54 1.51 -29.46	59.04 1.40 -31.16	55.94 1.32 -29.17	52.74 1.41 -25.17
PLSNTVLE_13_KV_13.8KVDIST 80602	46.55 1.99 -15.22	42.25 1.88 -12.29	38.77 1.81 -9.50	38.65 1.82 -9.33	38.63 1.76 -9.36	43.52 2.35 -4.96	65.20 3.67 -8.34	75.09 4.22 -13.91	65.78 3.36 -16.96	59.63 2.77 -17.34	55.05 2.44 -16.68	53.60 2.37 -17.44	52.87 2.13 -19.83	54.12 2.06 -21.28	57.91 1.85 -28.10	59.19 1.87 -28.60	70.59 1.89 -40.95	101.40 2.18 -68.09	95.89 1.62 -70.42	71.68 1.70 -44.58	58.70 1.77 -28.37	58.09 1.62 -30.00	55.06 1.53 -28.08	52.00 1.60 -24.25
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	46.55 1.99 -15.22	42.25 1.88 -12.29	38.77 1.81 -9.50	38.65 1.82 -9.33	38.63 1.76 -9.36	43.52 2.35 -4.96	65.20 3.67 -8.34	75.09 4.22 -13.91	65.78 3.36 -16.96	59.63 2.77 -17.34	55.05 2.44 -16.68	53.60 2.37 -17.44	52.87 2.13 -19.83	54.12 2.06 -21.28	57.91 1.85 -28.10	59.19 1.87 -28.60	70.59 1.89 -40.95	101.40 2.18 -68.09	95.89 1.62 -70.42	71.68 1.70 -44.58	58.70 1.77 -28.37	58.09 1.62 -30.00	55.06 1.53 -28.08	52.00 1.60 -24.25
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	46.90 1.99 -15.57	42.53 1.88 -12.58	38.99 1.81 -9.72	38.84 1.79 -9.54	38.84 1.76 -9.58	43.62 2.32 -5.08	65.23 3.51 -8.53	75.07 3.87 -14.23	65.94 3.14 -17.36	59.79 2.53 -17.74	55.22 2.23 -17.06	53.73 2.10 -17.84	53.11 1.92 -20.28	54.40 1.85 -21.77	58.39 1.68 -28.75	59.71 1.72 -29.26	71.37 1.72 -41.89	102.81 2.02 -69.65	97.44 1.55 -72.04	72.58 1.57 -45.61	59.24 1.66 -29.02	58.73 1.56 -30.69	55.65 1.48 -28.73	52.51 1.54 -24.81
POLETTI____ 23519	46.51 2.05 -15.12	42.20 1.91 -12.21	38.76 1.87 -9.43	38.62 1.84 -9.26	38.62 1.82 -9.30	43.53 2.39 -4.92	65.09 3.62 -8.28	75.05 4.27 -13.82	65.66 3.36 -16.85	59.51 2.77 -17.22	54.94 2.44 -16.57	53.52 2.40 -17.32	52.77 2.16 -19.69	53.98 2.06 -21.13	57.66 1.79 -27.91	58.94 1.81 -28.41	70.32 1.89 -40.68	100.94 2.18 -67.63	95.39 1.60 -69.95	71.36 1.68 -44.28	58.43 1.69 -28.18	57.81 1.54 -29.80	54.82 1.48 -27.90	51.82 1.57 -24.09
POMONA___ESR 323819	45.71 1.79 -14.58	41.51 1.66 -11.78	38.18 1.62 -9.10	38.04 1.60 -8.94	38.04 1.57 -8.97	43.03 2.06 -4.75	64.37 3.19 -7.98	73.88 3.59 -13.32	64.38 2.68 -16.25	58.38 2.25 -16.61	53.84 1.94 -15.98	52.39 1.89 -16.70	51.63 1.73 -18.99	52.85 1.69 -20.38	56.36 1.48 -26.91	57.70 1.46 -27.51	68.66 1.50 -39.40	98.45 1.80 -65.52	92.90 1.31 -67.75	69.63 1.35 -42.89	57.28 1.43 -27.29	56.64 1.30 -28.86	53.74 1.27 -27.02	50.74 1.33 -23.24
PORT_JEFF_3 23555	55.30 3.73 -22.24	52.35 3.51 -20.76	42.95 3.29 -12.19	47.58 3.27 -16.80	47.76 3.24 -17.01	55.53 4.49 -14.83	85.46 6.81 -25.46	95.25 7.29 -31.00	73.21 5.77 -21.98	61.24 4.50 -17.22	56.56 4.06 -16.57	54.98 3.85 -17.33	53.97 3.37 -19.69	55.30 3.39 -21.13	59.09 3.21 -27.92	73.76 3.24 -41.79	104.44 3.38 -73.30	115.77 3.89 -80.75	113.84 2.91 -87.09	108.36 3.05 -79.91	89.73 3.28 -57.89	88.35 2.96 -58.91	61.71 2.77 -33.49	53.25 2.98 -24.11
PORT_JEFF_4 23616	55.30 3.73 -22.24	52.35 3.51 -20.76	42.95 3.29 -12.19	47.58 3.27 -16.80	47.76 3.24 -17.01	55.53 4.49 -14.83	85.46 6.81 -25.46	95.25 7.29 -31.00	73.21 5.77 -21.98	61.24 4.50 -17.22	56.56 4.06 -16.57	54.98 3.85 -17.33	53.97 3.37 -19.69	55.30 3.39 -21.13	59.09 3.21 -27.92	73.76 3.24 -41.79	104.44 3.38 -73.30	115.77 3.89 -80.75	113.84 2.91 -87.09	108.36 3.05 -79.91	89.73 3.28 -57.89	88.35 2.96 -58.91	61.71 2.77 -33.49	53.25 2.98 -24.11
PORT_JEFF_IC 23713	55.35 3.79 -22.22	52.39 3.57 -20.74	43.02 3.35 -12.21	47.63 3.33 -16.79	47.77 3.27 -16.99	55.59 4.56 -14.81	85.53 6.91 -25.42	95.39 7.46 -30.97	73.29 5.87 -21.97	61.32 4.58 -17.22	56.63 4.13 -16.57	55.04 3.92 -17.33	54.03 3.43 -19.69	55.36 3.45 -21.13	59.15 3.27 -27.92	73.84 3.33 -41.79	104.52 3.47 -73.30	115.90 4.02 -80.75	113.94 3.00 -87.09	108.43 3.12 -79.91	89.84 3.40 -57.88	88.43 3.04 -58.91	61.77 2.85 -33.47	53.30 3.03 -24.11
PPL PILGRIM_ST_GT1 24216	55.30 3.79 -22.17	52.30 3.54 -20.69	43.07 3.35 -12.26	47.58 3.30 -16.77	47.74 3.27 -16.96	55.48 4.53 -14.74	85.31 6.81 -25.31	95.11 7.29 -30.86	73.16 5.77 -21.94	61.28 4.54 -17.22	56.60 4.09 -16.57	55.01 3.89 -17.33	54.03 3.43 -19.69	55.33 3.42 -21.13	59.09 3.21 -27.92	73.76 3.24 -41.79	104.38 3.33 -73.30	115.71 3.83 -80.75	113.82 2.88 -87.09	108.33 3.02 -79.91	89.73 3.28 -57.88	88.35 2.96 -58.91	61.67 2.80 -33.43	53.27 3.01 -24.11
PPL PILGRIM_ST_GT2 24217	55.30 3.79 -22.17	52.30 3.54 -20.69	43.07 3.35 -12.26	47.58 3.30 -16.77	47.74 3.27 -16.96	55.48 4.53 -14.74	85.31 6.81 -25.31	95.11 7.29 -30.86	73.16 5.77 -21.94	61.28 4.54 -17.22	56.60 4.09 -16.57	55.01 3.89 -17.33	54.03 3.43 -19.69	55.33 3.42 -21.13	59.09 3.21 -27.92	73.76 3.24 -41.79	104.38 3.33 -73.30	115.71 3.83 -80.75	113.82 2.88 -87.09	108.33 3.02 -79.91	89.73 3.28 -57.88	88.35 2.96 -58.91	61.67 2.80 -33.43	53.27 3.01 -24.11
PPL_SHRM_GT3 24213	55.53 3.96 -22.23	52.54 3.71 -20.75	43.18 3.52 -12.20	47.77 3.47 -16.79	47.95 3.44 -17.00	55.81 4.78 -14.82	85.87 7.23 -25.44	95.75 7.80 -30.99	73.52 6.09 -21.98	61.48 4.74 -17.22	56.74 4.24 -16.57	55.15 4.02 -17.33	54.13 3.52 -19.69	55.45 3.54 -21.13	59.26 3.38 -27.92	73.99 3.47 -41.79	104.72 3.66 -73.30	115.74 3.86 -80.75	113.79 2.86 -87.09	108.33 3.02 -79.91	90.04 3.60 -57.88	88.59 3.20 -58.91	61.93 3.00 -33.48	53.46 3.19 -24.11
PPL_SHRM_GT4 24214	55.53 3.96 -22.23	52.54 3.71 -20.75	43.18 3.52 -12.20	47.77 3.47 -16.79	47.95 3.44 -17.00	55.81 4.78 -14.82	85.87 7.23 -25.44	95.75 7.80 -30.99	73.52 6.09 -21.98	61.48 4.74 -17.22	56.74 4.24 -16.57	55.15 4.02 -17.33	54.13 3.52 -19.69	55.45 3.54 -21.13	59.26 3.38 -27.92	73.99 3.47 -41.79	104.72 3.66 -73.30	115.74 3.86 -80.75	113.79 2.86 -87.09	108.33 3.02 -79.91	90.04 3.60 -57.88	88.59 3.20 -58.91	61.93 3.00 -33.48	53.46 3.19 -24.11
PROJECT___ORANGE I 24174	31.69 -0.29 -2.64	29.90 -0.31 -2.14	28.73 -0.38 -1.65	28.75 -0.39 -1.62	28.69 -0.44 -1.63	36.53 -0.54 -0.86	53.74 -0.90 -1.45	58.47 -0.91 -2.42	47.76 -0.64 -2.95	42.02 -0.51 -3.01	38.39 -0.43 -2.90	36.49 -0.34 -3.03	34.08 -0.28 -3.44	34.20 -0.28 -3.70	32.62 -0.22 -4.88	33.44 -0.26 -4.97	34.57 -0.31 -7.12	42.62 -0.34 -11.83	35.84 -0.24 -12.24	32.97 -0.18 -7.75	33.46 -0.03 -4.93	31.56 -0.13 -5.21	30.22 -0.10 -4.88	30.19 -0.13 -4.16

PROJECT___ORANGE 2 24166	31.69 -0.29 -2.64	29.90 -0.31 -2.14	28.73 -0.38 -1.65	28.75 -0.39 -1.62	28.69 -0.44 -1.63	36.53 -0.54 -0.86	53.74 -0.90 -1.45	58.47 -0.91 -2.42	47.76 -0.64 -2.95	42.02 -0.51 -3.01	38.39 -0.43 -2.90	36.49 -0.34 -3.03	34.08 -0.28 -3.44	34.20 -0.28 -3.70	32.62 -0.22 -4.88	33.44 -0.26 -4.97	34.57 -0.31 -7.12	42.62 -0.34 -11.83	35.84 -0.24 -12.24	32.97 -0.18 -7.75	33.46 -0.03 -4.93	31.56 -0.13 -5.21	30.22 -0.10 -4.88	30.19 -0.13 -4.16
PUCKETT___SOLAR 323809	36.47 0.91 -6.22	33.88 0.79 -5.02	32.00 0.66 -3.88	31.98 0.66 -3.81	31.94 0.60 -3.82	39.34 1.09 -2.04	58.41 1.81 -3.40	64.47 1.88 -5.63	53.77 1.45 -6.86	47.72 1.18 -7.02	43.68 1.00 -6.75	41.88 0.98 -7.10	39.88 0.86 -8.10	40.31 0.83 -8.69	40.22 0.78 -11.48	40.76 0.75 -11.29	44.42 0.72 -15.95	58.59 0.93 -26.53	51.90 0.69 -27.36	43.51 0.79 -17.32	40.52 0.94 -11.02	38.85 0.72 -11.66	37.06 0.61 -11.01	36.28 0.65 -9.47
PYRITES___HYD 24023	29.75 0.00 -0.41	28.46 0.06 -0.33	27.91 0.19 -0.26	28.04 0.28 -0.25	28.06 0.30 -0.25	36.53 0.22 -0.10	53.84 0.43 -0.22	57.90 0.57 -0.37	46.22 0.32 -0.46	40.34 0.36 -0.47	36.88 0.50 -0.45	34.57 0.30 -0.47	31.60 0.15 -0.53	31.54 0.18 -0.57	28.97 0.25 -0.76	29.59 0.09 -0.78	29.24 0.36 -1.12	33.18 0.19 -1.87	26.06 0.29 -1.93	26.85 0.23 -1.22	29.25 -0.09 -0.78	27.38 0.08 -0.82	26.34 0.13 -0.77	26.92 0.10 -0.65
QUAKERRD_115KV_BK1 80622	31.19 -1.20 -3.05	29.28 -1.26 -2.47	28.02 -1.35 -1.91	27.95 -1.43 -1.87	27.90 -1.49 -1.88	35.54 -1.67 -0.99	52.26 -2.61 -1.67	56.82 -2.96 -2.82	46.67 -2.23 -3.44	41.22 -1.82 -3.52	37.70 -1.62 -3.39	35.96 -1.35 -3.51	33.68 -1.21 -3.98	33.85 -1.20 -4.27	32.42 -1.17 -5.64	33.29 -1.18 -5.74	34.82 -1.25 -8.31	43.72 -1.21 -13.81	37.18 -0.95 -14.29	33.45 -0.99 -9.05	33.26 -1.06 -5.76	31.43 -1.14 -6.09	30.01 -1.07 -5.63	29.91 -1.05 -4.80
QUENSBRY_115KV_TB8 356137	50.68 1.94 -19.40	45.63 1.88 -15.67	41.41 1.84 -12.11	41.27 1.87 -11.89	41.39 1.95 -11.93	46.88 2.64 -8.02	68.77 4.95 -10.63	79.54 4.84 -17.74	70.80 3.73 -21.63	64.35 2.73 -22.10	59.28 2.08 -21.26	57.82 1.79 -22.23	57.79 1.61 -25.27	59.54 1.63 -27.12	65.40 1.62 -35.82	66.80 1.69 -36.38	81.65 1.80 -52.09	119.80 2.05 -86.62	114.98 1.55 -89.59	83.84 1.73 -56.71	66.51 1.86 -36.09	66.15 1.51 -38.17	62.52 1.35 -35.73	58.28 1.28 -30.84
RAMAPO___LBMP 323565	45.57 1.70 -14.53	41.39 1.57 -11.74	38.07 1.54 -9.07	37.93 1.51 -8.91	37.93 1.49 -8.94	42.91 1.96 -4.74	64.18 3.03 -7.96	73.72 3.47 -13.28	64.38 2.73 -16.20	58.25 2.17 -16.56	53.80 1.94 -15.93	52.34 1.89 -16.65	51.55 1.70 -18.93	52.73 1.63 -20.32	56.22 1.43 -26.83	57.47 1.44 -27.31	68.30 1.44 -39.10	97.83 1.68 -65.02	92.33 1.24 -67.25	69.26 1.30 -42.57	57.02 1.37 -27.09	56.37 1.24 -28.65	53.46 1.20 -26.82	50.61 1.28 -23.17
RANKINE____ 23646	32.02 -1.00 -3.68	29.84 -1.21 -2.97	28.41 -1.35 -2.29	28.25 -1.51 -2.25	28.17 -1.60 -2.26	35.75 -1.67 -1.20	52.01 -3.19 -2.01	55.90 -4.04 -2.98	45.98 -3.09 -3.62	40.69 -2.53 -3.70	37.27 -2.23 -3.57	35.86 -1.96 -4.02	34.00 -1.70 -4.79	34.26 -1.66 -5.14	33.21 -1.54 -6.79	34.00 -1.64 -6.91	34.82 -1.75 -8.81	44.23 -1.68 -14.78	37.64 -1.41 -15.21	33.55 -1.47 -9.63	33.15 -1.54 -6.13	31.29 -1.67 -6.48	30.73 -1.50 -6.79	30.59 -1.33 -5.77
RAVENSWOOD_GT2_1 24244	46.54 2.08 -15.12	42.25 1.97 -12.21	38.79 1.89 -9.44	38.65 1.87 -9.26	38.62 1.82 -9.30	43.57 2.43 -4.92	65.14 3.67 -8.28	75.05 4.27 -13.82	65.71 3.41 -16.85	59.55 2.81 -17.22	54.98 2.48 -16.57	53.52 2.40 -17.32	52.80 2.19 -19.70	54.01 2.09 -21.14	57.69 1.82 -27.91	58.98 1.84 -28.41	70.35 1.92 -40.68	100.95 2.18 -67.64	95.42 1.62 -69.96	71.39 1.70 -44.29	58.46 1.71 -28.18	57.84 1.56 -29.80	54.85 1.50 -27.90	51.85 1.60 -24.09
RAVENSWOOD_GT2_2 24245	46.54 2.08 -15.12	42.25 1.97 -12.21	38.79 1.89 -9.44	38.65 1.87 -9.26	38.62 1.82 -9.30	43.57 2.43 -4.92	65.14 3.67 -8.28	75.05 4.27 -13.82	65.71 3.41 -16.85	59.55 2.81 -17.22	54.98 2.48 -16.57	53.52 2.40 -17.32	52.80 2.19 -19.70	54.01 2.09 -21.14	57.69 1.82 -27.91	58.98 1.84 -28.41	70.35 1.92 -40.68	100.95 2.18 -67.64	95.42 1.62 -69.96	71.39 1.70 -44.29	58.46 1.71 -28.18	57.84 1.56 -29.80	54.85 1.50 -27.90	51.85 1.60 -24.09
RAVENSWOOD_GT2_3 24246	46.57 2.11 -15.12	42.25 1.97 -12.21	38.79 1.89 -9.44	38.65 1.87 -9.26	38.65 1.84 -9.30	43.57 2.43 -4.92	65.20 3.72 -8.28	75.11 4.33 -13.82	65.76 3.45 -16.85	59.55 2.81 -17.22	54.98 2.48 -16.57	53.56 2.43 -17.32	52.80 2.19 -19.70	54.04 2.12 -21.14	57.72 1.85 -27.91	59.00 1.87 -28.41	70.35 1.92 -40.68	100.98 2.21 -67.64	95.45 1.65 -69.96	71.39 1.70 -44.29	58.48 1.74 -28.18	57.84 1.56 -29.80	54.85 1.50 -27.90	51.87 1.62 -24.09
RAVENSWOOD_GT2_4 24247	46.57 2.11 -15.12	42.25 1.97 -12.21	38.79 1.89 -9.44	38.65 1.87 -9.26	38.65 1.84 -9.30	43.57 2.43 -4.92	65.20 3.72 -8.28	75.11 4.33 -13.82	65.76 3.45 -16.85	59.55 2.81 -17.22	54.98 2.48 -16.57	53.56 2.43 -17.32	52.80 2.19 -19.70	54.04 2.12 -21.14	57.72 1.85 -27.91	59.00 1.87 -28.41	70.35 1.92 -40.68	100.98 2.21 -67.64	95.45 1.65 -69.96	71.39 1.70 -44.29	58.48 1.74 -28.18	57.84 1.56 -29.80	54.85 1.50 -27.90	51.87 1.62 -24.09
RAVENSWOOD_GT3_1 24248	46.54 2.08 -15.12	42.25 1.97 -12.21	38.79 1.89 -9.44	38.65 1.87 -9.26	38.62 1.82 -9.30	43.57 2.43 -4.92	65.14 3.67 -8.28	75.05 4.27 -13.82	65.71 3.41 -16.85	59.55 2.81 -17.22	54.98 2.48 -16.57	53.56 2.43 -17.32	52.80 2.19 -19.70	54.01 2.09 -21.14	57.69 1.82 -27.91	58.98 1.84 -28.41	70.35 1.92 -40.68	100.95 2.18 -67.64	95.42 1.62 -69.96	71.39 1.70 -44.29	58.46 1.71 -28.18	57.84 1.56 -29.80	54.85 1.50 -27.90	51.85 1.60 -24.09
RAVENSWOOD_GT3_2 24249	46.54 2.08 -15.12	42.25 1.97 -12.21	38.79 1.89 -9.44	38.65 1.87 -9.26	38.62 1.82 -9.30	43.57 2.43 -4.92	65.14 3.67 -8.28	75.05 4.27 -13.82	65.71 3.41 -16.85	59.55 2.81 -17.22	54.98 2.48 -16.57	53.56 2.43 -17.32	52.80 2.19 -19.70	54.01 2.09 -21.14	57.69 1.82 -27.91	58.98 1.84 -28.41	70.35 1.92 -40.68	100.95 2.18 -67.64	95.42 1.62 -69.96	71.39 1.70 -44.29	58.46 1.71 -28.18	57.84 1.56 -29.80	54.85 1.50 -27.90	51.85 1.60 -24.09
RAVENSWOOD_GT3_3 24250	46.57 2.11 -15.12	42.28 1.99 -12.21	38.82 1.92 -9.44	38.68 1.90 -9.26	38.68 1.87 -9.30	43.60 2.46 -4.92	65.25 3.78 -8.28	75.17 4.39 -13.82	65.80 3.50 -16.85	59.59 2.85 -17.22	55.05 2.55 -16.57	53.59 2.47 -17.32	52.83 2.23 -19.70	54.07 2.15 -21.14	57.75 1.87 -27.91	59.03 1.90 -28.41	70.40 1.97 -40.68	101.01 2.24 -67.64	95.47 1.67 -69.96	71.41 1.73 -44.29	58.51 1.77 -28.18	57.87 1.59 -29.80	54.87 1.53 -27.90	51.90 1.65 -24.09
RAVENSWOOD_GT3_4 24251	46.57 2.11 -15.12	42.28 1.99 -12.21	38.82 1.92 -9.44	38.68 1.90 -9.26	38.68 1.87 -9.30	43.60 2.46 -4.92	65.25 3.78 -8.28	75.17 4.39 -13.82	65.80 3.50 -16.85	59.59 2.85 -17.22	55.05 2.55 -16.57	53.59 2.47 -17.32	52.83 2.23 -19.70	54.07 2.15 -21.14	57.75 1.87 -27.91	59.03 1.90 -28.41	70.40 1.97 -40.68	101.01 2.24 -67.64	95.47 1.67 -69.96	71.41 1.73 -44.29	58.51 1.77 -28.18	57.87 1.59 -29.80	54.87 1.53 -27.90	51.90 1.65 -24.09

RAVENSWOOD_GT_1 23729	46.72 2.26 -15.12	42.39 2.11 -12.21	38.96 2.06 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.64 2.50 -4.92	65.20 3.72 -8.28	75.17 4.39 -13.82	65.80 3.50 -16.85	59.59 2.85 -17.22	55.05 2.55 -16.57	53.62 2.50 -17.32	52.87 2.26 -19.70	54.07 2.15 -21.14	57.72 1.85 -27.91	59.00 1.87 -28.41	70.38 1.94 -40.68	100.98 2.21 -67.64	95.45 1.65 -69.96	71.39 1.70 -44.29	58.46 1.71 -28.18	57.82 1.54 -29.80	54.85 1.50 -27.90	51.92 1.67 -24.09
RAVENSWOOD_GT_10 24258	46.54 2.08 -15.12	42.23 1.94 -12.21	38.79 1.89 -9.44	38.62 1.84 -9.26	38.62 1.82 -9.30	43.57 2.43 -4.92	65.14 3.67 -8.28	75.05 4.27 -13.82	65.71 3.41 -16.85	59.55 2.81 -17.22	54.98 2.48 -16.57	53.56 2.43 -17.32	52.80 2.19 -19.70	54.01 2.09 -21.14	57.69 1.82 -27.91	58.98 1.84 -28.41	70.35 1.92 -40.68	100.95 2.18 -67.64	95.42 1.62 -69.96	71.39 1.70 -44.29	58.48 1.74 -28.18	57.84 1.56 -29.80	54.85 1.50 -27.90	51.85 1.60 -24.09
RAVENSWOOD_GT_11 24259	46.54 2.08 -15.12	42.23 1.94 -12.21	38.79 1.89 -9.44	38.62 1.84 -9.26	38.62 1.82 -9.30	43.57 2.43 -4.92	65.14 3.67 -8.28	75.05 4.27 -13.82	65.71 3.41 -16.85	59.55 2.81 -17.22	54.98 2.48 -16.57	53.56 2.43 -17.32	52.80 2.19 -19.70	54.01 2.09 -21.14	57.69 1.82 -27.91	58.98 1.84 -28.41	70.35 1.92 -40.68	100.95 2.18 -67.64	95.42 1.62 -69.96	71.39 1.70 -44.29	58.48 1.74 -28.18	57.84 1.56 -29.80	54.85 1.50 -27.90	51.85 1.60 -24.09
RAVENSWOOD_GT_4 24252	46.51 2.05 -15.12	42.23 1.94 -12.21	38.76 1.87 -9.44	38.62 1.84 -9.26	38.62 1.82 -9.30	43.53 2.39 -4.92	65.14 3.67 -8.28	75.05 4.27 -13.82	65.71 3.41 -16.85	59.55 2.81 -17.22	54.98 2.48 -16.57	53.52 2.40 -17.32	52.80 2.19 -19.70	54.01 2.09 -21.14	57.69 1.82 -27.91	58.98 1.84 -28.41	70.35 1.92 -40.68	100.98 2.21 -67.64	95.42 1.62 -69.96	71.39 1.70 -44.29	58.48 1.74 -28.18	57.84 1.56 -29.80	54.85 1.50 -27.90	51.85 1.60 -24.09
RAVENSWOOD_GT_5 24254	46.51 2.05 -15.12	42.23 1.94 -12.21	38.76 1.87 -9.44	38.62 1.84 -9.26	38.62 1.82 -9.30	43.53 2.39 -4.92	65.14 3.67 -8.28	75.05 4.27 -13.82	65.71 3.41 -16.85	59.55 2.81 -17.22	54.98 2.48 -16.57	53.52 2.40 -17.32	52.80 2.19 -19.70	54.01 2.09 -21.14	57.69 1.82 -27.91	58.98 1.84 -28.41	70.35 1.92 -40.68	100.98 2.21 -67.64	95.42 1.62 -69.96	71.39 1.70 -44.29	58.48 1.74 -28.18	57.84 1.56 -29.80	54.85 1.50 -27.90	51.85 1.60 -24.09
RAVENSWOOD_GT_6 24253	46.51 2.05 -15.12	42.23 1.94 -12.21	38.76 1.87 -9.44	38.62 1.84 -9.26	38.62 1.82 -9.30	43.53 2.39 -4.92	65.14 3.67 -8.28	75.05 4.27 -13.82	65.71 3.41 -16.85	59.55 2.81 -17.22	54.98 2.48 -16.57	53.52 2.40 -17.32	52.80 2.19 -19.70	54.01 2.09 -21.14	57.69 1.82 -27.91	58.98 1.84 -28.41	70.35 1.92 -40.68	100.98 2.21 -67.64	95.42 1.62 -69.96	71.39 1.70 -44.29	58.48 1.74 -28.18	57.84 1.56 -29.80	54.85 1.50 -27.90	51.85 1.60 -24.09
RAVENSWOOD_GT_7 24255	46.51 2.05 -15.12	42.23 1.94 -12.21	38.76 1.87 -9.44	38.62 1.84 -9.26	38.62 1.82 -9.30	43.53 2.39 -4.92	65.14 3.67 -8.28	75.05 4.27 -13.82	65.71 3.41 -16.85	59.55 2.81 -17.22	54.98 2.48 -16.57	53.52 2.40 -17.32	52.80 2.19 -19.70	54.01 2.09 -21.14	57.69 1.82 -27.91	58.98 1.84 -28.41	70.35 1.92 -40.68	100.98 2.21 -67.64	95.42 1.62 -69.96	71.39 1.70 -44.29	58.48 1.74 -28.18	57.84 1.56 -29.80	54.85 1.50 -27.90	51.85 1.60 -24.09
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	46.54 2.08 -15.12	42.23 1.94 -12.21	38.79 1.89 -9.44	38.62 1.84 -9.26	38.62 1.82 -9.30	43.57 2.43 -4.92	65.14 3.67 -8.28	75.05 4.27 -13.82	65.71 3.41 -16.85	59.55 2.81 -17.22	54.98 2.48 -16.57	53.56 2.43 -17.32	52.80 2.19 -19.70	54.01 2.09 -21.14	57.69 1.82 -27.91	58.98 1.84 -28.41	70.35 1.92 -40.68	100.95 2.18 -67.64	95.42 1.62 -69.96	71.39 1.70 -44.29	58.48 1.74 -28.18	57.84 1.56 -29.80	54.85 1.50 -27.90	51.85 1.60 -24.09
RAVENSWOOD_GT_9 24257	46.54 2.08 -15.12	42.23 1.94 -12.21	38.79 1.89 -9.44	38.62 1.84 -9.26	38.62 1.82 -9.30	43.57 2.43 -4.92	65.14 3.67 -8.28	75.05 4.27 -13.82	65.71 3.41 -16.85	59.55 2.81 -17.22	54.98 2.48 -16.57	53.56 2.43 -17.32	52.80 2.19 -19.70	54.01 2.09 -21.14	57.69 1.82 -27.91	58.98 1.84 -28.41	70.35 1.92 -40.68	100.95 2.18 -67.64	95.42 1.62 -69.96	71.39 1.70 -44.29	58.48 1.74 -28.18	57.84 1.56 -29.80	54.85 1.50 -27.90	51.85 1.60 -24.09
RAVENSWOOD___1 23533	46.72 2.26 -15.12	42.37 2.08 -12.21	38.93 2.03 -9.44	38.76 1.98 -9.26	38.76 1.95 -9.30	43.64 2.50 -4.92	65.14 3.67 -8.28	75.16 4.39 -13.81	65.71 3.41 -16.85	59.58 2.85 -17.22	54.93 2.44 -16.56	53.55 2.43 -17.32	52.83 2.23 -19.69	54.06 2.15 -21.13	57.71 1.85 -27.90	59.07 1.84 -28.50	70.53 1.94 -40.83	101.29 2.27 -67.89	95.74 1.69 -70.20	71.54 1.70 -44.44	58.55 1.71 -28.28	57.89 1.51 -29.91	54.92 1.48 -28.00	51.87 1.62 -24.09
RAVENSWOOD___2 23534	46.72 2.26 -15.12	42.37 2.08 -12.21	38.93 2.03 -9.44	38.73 1.95 -9.26	38.73 1.92 -9.30	43.64 2.50 -4.92	65.14 3.67 -8.28	75.10 4.33 -13.81	65.66 3.36 -16.85	59.58 2.85 -17.22	54.93 2.44 -16.56	53.55 2.43 -17.32	52.80 2.20 -19.69	54.03 2.12 -21.13	57.71 1.85 -27.90	59.04 1.81 -28.50	70.53 1.94 -40.83	101.26 2.24 -67.89	95.74 1.69 -70.20	71.54 1.70 -44.44	58.53 1.68 -28.28	57.87 1.48 -29.91	54.92 1.48 -28.00	51.84 1.60 -24.09
RAVENSWOOD___3 23535	46.57 2.11 -15.12	42.25 1.96 -12.21	38.79 1.89 -9.44	38.65 1.87 -9.26	38.62 1.82 -9.30	43.60 2.46 -4.92	65.19 3.72 -8.28	75.05 4.27 -13.81	65.66 3.36 -16.85	59.54 2.81 -17.22	54.90 2.41 -16.56	53.51 2.40 -17.32	52.76 2.16 -19.69	54.03 2.12 -21.13	57.71 1.85 -27.90	59.07 1.84 -28.50	70.50 1.91 -40.83	101.26 2.24 -67.89	95.71 1.67 -70.20	71.54 1.70 -44.44	58.55 1.71 -28.28	57.92 1.54 -29.91	54.94 1.50 -28.00	51.84 1.60 -24.09
RAVENSWOOD___4 23820	46.69 2.23 -15.12	42.34 2.05 -12.21	38.90 2.00 -9.44	38.73 1.95 -9.26	38.73 1.92 -9.30	43.64 2.50 -4.92	65.14 3.67 -8.28	75.10 4.33 -13.81	65.66 3.36 -16.85	59.54 2.81 -17.22	54.93 2.44 -16.56	53.55 2.43 -17.32	52.80 2.20 -19.69	54.03 2.12 -21.13	57.68 1.82 -27.90	59.04 1.81 -28.50	70.53 1.94 -40.83	101.26 2.24 -67.89	95.71 1.67 -70.20	71.51 1.68 -44.44	58.53 1.68 -28.28	57.87 1.48 -29.91	54.89 1.45 -28.00	51.84 1.60 -24.09
RCPI_TRUST___DRP 24196	46.54 2.08 -15.12	42.25 1.97 -12.21	38.79 1.89 -9.43	38.65 1.87 -9.26	38.62 1.82 -9.30	43.56 2.43 -4.92	65.20 3.72 -8.28	75.17 4.39 -13.82	65.80 3.50 -16.85	59.59 2.85 -17.22	55.05 2.55 -16.57	53.59 2.47 -17.32	52.83 2.23 -19.69	54.07 2.15 -21.13	57.75 1.87 -27.91	59.03 1.90 -28.41	70.40 1.97 -40.67	101.00 2.24 -67.63	95.44 1.65 -69.95	71.41 1.73 -44.28	58.51 1.77 -28.18	57.87 1.59 -29.80	54.84 1.50 -27.90	51.87 1.62 -24.09
RED___ROCHESTER 323720	32.03 -0.44 -3.13	30.04 -0.56 -2.53	28.73 -0.69 -1.95	28.66 -0.77 -1.92	28.58 -0.85 -1.92	36.47 -0.76 -1.02	53.63 -1.28 -1.71	58.25 -1.59 -2.88	47.96 -1.00 -3.51	42.32 -0.79 -3.59	38.77 -0.61 -3.45	36.99 -0.40 -3.59	34.65 -0.34 -4.07	34.79 -0.37 -4.37	33.29 -0.45 -5.77	34.12 -0.43 -5.82	35.56 -0.58 -8.39	44.74 -0.34 -13.95	38.05 -0.38 -14.59	34.18 -0.46 -9.24	34.01 -0.43 -5.88	32.11 -0.58 -6.22	30.72 -0.51 -5.79	30.67 -0.47 -4.98

REGAN___SOLAR 323812	54.16 2.55 -22.28	48.57 2.50 -17.99	43.81 2.44 -13.90	43.67 2.50 -13.65	43.85 2.64 -13.70	48.47 3.77 -8.48	71.68 6.22 -12.27	83.53 6.10 -20.47	75.09 4.68 -24.96	68.27 3.24 -25.51	62.95 2.48 -24.54	61.79 2.33 -25.66	62.19 2.10 -29.17	64.31 2.22 -31.31	71.63 2.32 -41.35	73.26 2.64 -41.89	89.09 2.80 -58.54	131.64 3.18 -97.33	126.83 2.34 -100.65	91.71 2.59 -63.72	71.96 2.86 -40.55	71.63 2.28 -42.88	67.55 1.96 -40.14	62.52 1.83 -34.53
RENSSELAER___COGEN 23796	49.51 1.32 -18.85	44.57 1.26 -15.23	40.46 1.24 -11.77	40.30 1.24 -11.55	40.34 1.24 -11.59	44.70 1.56 -6.93	65.50 2.02 -10.29	76.19 2.05 -17.18	68.08 1.68 -20.94	62.35 1.42 -21.41	57.89 1.36 -20.59	56.65 1.32 -21.53	56.60 1.20 -24.48	58.22 1.17 -26.27	63.72 1.06 -34.69	65.14 1.06 -35.35	79.45 0.89 -50.80	116.57 0.97 -84.47	111.94 0.74 -87.36	81.49 0.79 -55.30	64.61 0.86 -35.19	64.49 0.79 -37.22	61.00 0.71 -34.84	56.92 0.78 -29.97
REPUBLIC_115KV_BARTNBRK 55605	52.16 3.43 -19.39	47.08 3.34 -15.66	42.83 3.27 -12.10	42.70 3.30 -11.88	42.87 3.44 -11.93	48.93 4.71 -8.01	71.95 8.14 -10.62	82.66 7.97 -17.73	73.25 6.18 -21.62	66.20 4.58 -22.09	60.77 3.59 -21.25	59.23 3.21 -22.22	59.02 2.84 -25.26	60.79 2.89 -27.11	66.62 2.85 -35.80	68.03 2.93 -36.37	83.05 3.22 -52.07	121.42 3.70 -86.59	116.19 2.79 -89.56	85.16 3.07 -56.69	67.98 3.34 -36.08	67.36 2.73 -38.15	63.58 2.42 -35.72	59.32 2.33 -30.83
REVERE_CPPR_DRP 24186	31.78 1.03 -1.42	30.15 0.93 -1.14	29.20 0.85 -0.88	29.29 0.91 -0.87	29.23 0.85 -0.87	38.00 1.34 -0.45	56.36 2.39 -0.78	60.82 2.56 -1.29	48.98 1.95 -1.58	42.64 1.50 -1.61	38.88 1.40 -1.55	36.71 1.28 -1.62	33.84 1.08 -1.85	33.87 1.11 -1.98	31.64 1.06 -2.62	32.60 1.21 -2.66	32.76 1.19 -3.81	38.75 1.28 -6.34	31.48 1.07 -6.56	30.72 1.17 -4.15	32.46 1.26 -2.64	30.25 0.98 -2.79	28.93 0.87 -2.62	29.28 0.89 -2.23
REYNOLDS_115KV_TB3 80639	49.75 1.55 -18.86	44.80 1.49 -15.23	40.66 1.43 -11.77	40.50 1.43 -11.56	40.54 1.43 -11.60	45.16 1.88 -7.06	66.13 2.61 -10.33	76.88 2.68 -17.24	68.61 2.14 -21.02	62.83 1.82 -21.49	58.25 1.65 -20.67	56.96 1.55 -21.61	56.94 1.45 -24.57	58.60 1.45 -26.37	64.10 1.31 -34.82	65.44 1.35 -35.37	79.59 1.19 -50.64	116.66 1.34 -84.20	111.93 1.00 -87.08	81.62 1.09 -55.13	64.84 1.20 -35.08	64.66 1.09 -37.10	61.19 1.02 -34.73	57.22 1.07 -29.99
RIVERBAY___ 323610	47.07 2.61 -15.12	42.76 2.47 -12.21	39.34 2.44 -9.44	39.14 2.37 -9.26	39.14 2.34 -9.30	43.96 2.82 -4.92	65.41 3.94 -8.28	75.40 4.61 -13.82	65.89 3.59 -16.85	59.67 2.92 -17.22	55.12 2.62 -16.57	53.69 2.57 -17.32	52.90 2.29 -19.70	54.11 2.19 -21.14	57.75 1.87 -27.91	59.00 1.87 -28.41	70.40 1.97 -40.68	101.01 2.24 -67.64	95.47 1.67 -69.96	71.44 1.75 -44.29	58.48 1.74 -28.18	57.87 1.59 -29.80	54.97 1.63 -27.90	52.13 1.88 -24.09
RIVERSDE_115KV_TB3 55908	49.74 1.50 -18.91	44.78 1.43 -15.27	40.64 1.37 -11.80	40.48 1.38 -11.59	40.51 1.38 -11.63	45.15 1.85 -7.09	66.00 2.45 -10.36	76.75 2.51 -17.29	68.53 2.00 -21.08	62.76 1.70 -21.54	58.23 1.58 -20.72	56.99 1.52 -21.67	56.94 1.39 -24.63	58.60 1.39 -26.44	64.13 1.26 -34.91	65.43 1.26 -35.44	79.61 1.11 -50.74	116.71 1.21 -84.37	112.04 0.93 -87.27	81.66 1.02 -55.24	64.80 1.09 -35.15	64.63 0.98 -37.18	61.16 0.92 -34.80	57.19 0.97 -30.07
ROARING___BROOK_WT_PWR 323790	28.90 -0.44 0.00	27.68 -0.39 0.00	27.16 -0.30 0.00	27.24 -0.28 0.00	27.29 -0.22 0.00	35.89 -0.33 0.00	52.71 -0.48 0.00	56.34 -0.63 0.00	44.77 -0.68 0.00	38.85 -0.67 0.00	35.21 -0.72 0.00	32.99 -0.81 0.00	30.17 -0.74 0.00	30.04 -0.74 0.00	27.35 -0.62 0.00	28.09 -0.63 0.00	27.20 -0.55 0.00	30.41 -0.71 0.00	23.25 -0.60 0.00	24.69 -0.71 0.00	27.67 -0.89 0.00	25.68 -0.79 0.00	24.68 -0.76 0.00	25.35 -0.81 0.00
ROCHESRG_115KV_T4 355643	31.78 -0.67 -3.12	29.81 -0.79 -2.52	28.50 -0.91 -1.95	28.43 -0.99 -1.91	28.38 -1.05 -1.92	36.18 -1.05 -1.01	53.04 -1.86 -1.71	57.51 -2.34 -2.88	47.28 -1.68 -3.52	41.81 -1.30 -3.59	38.23 -1.15 -3.46	36.51 -0.88 -3.59	34.20 -0.77 -4.06	34.37 -0.77 -4.36	32.93 -0.78 -5.76	33.81 -0.78 -5.86	35.35 -0.89 -8.48	44.48 -0.75 -14.09	37.76 -0.67 -14.58	33.92 -0.71 -9.23	33.72 -0.71 -5.88	31.84 -0.85 -6.21	30.46 -0.74 -5.76	30.38 -0.68 -4.90
ROCHESTER_9_IC 23652	31.94 -0.53 -3.13	29.96 -0.65 -2.53	28.64 -0.77 -1.95	28.55 -0.88 -1.92	28.50 -0.94 -1.92	36.36 -0.87 -1.02	53.42 -1.49 -1.71	57.96 -1.88 -2.88	47.60 -1.36 -3.51	42.08 -1.03 -3.59	38.52 -0.86 -3.45	36.75 -0.64 -3.59	34.46 -0.53 -4.07	34.63 -0.52 -4.37	33.15 -0.59 -5.78	34.03 -0.57 -5.88	35.54 -0.69 -8.48	44.69 -0.53 -14.09	37.92 -0.50 -14.58	34.10 -0.53 -9.23	33.89 -0.54 -5.87	32.00 -0.69 -6.21	30.61 -0.61 -5.77	30.50 -0.58 -4.92
ROCKVIEW_13_KV_LD 356306	46.54 2.08 -15.12	42.25 1.97 -12.21	38.79 1.89 -9.44	38.65 1.87 -9.26	38.65 1.84 -9.30	43.64 2.50 -4.92	65.36 3.88 -8.28	75.22 4.44 -13.82	65.89 3.59 -16.85	59.67 2.92 -17.22	55.12 2.62 -16.57	53.66 2.53 -17.32	52.90 2.29 -19.70	54.14 2.22 -21.14	57.83 1.96 -27.91	59.12 1.98 -28.41	70.46 2.03 -40.68	101.10 2.33 -67.64	95.54 1.74 -69.96	71.51 1.83 -44.28	58.66 1.91 -28.18	58.00 1.72 -29.80	54.95 1.60 -27.90	51.95 1.70 -24.09
ROME___115KV_TB2 80656	31.78 1.03 -1.42	30.15 0.93 -1.14	29.20 0.85 -0.88	29.29 0.91 -0.87	29.23 0.85 -0.87	38.00 1.34 -0.45	56.36 2.39 -0.78	60.82 2.56 -1.29	48.98 1.95 -1.58	42.64 1.50 -1.61	38.88 1.40 -1.55	36.71 1.28 -1.62	33.84 1.08 -1.85	33.87 1.11 -1.98	31.64 1.06 -2.62	32.60 1.21 -2.66	32.76 1.19 -3.81	38.75 1.28 -6.34	31.48 1.07 -6.56	30.72 1.17 -4.15	32.46 1.26 -2.64	30.25 0.98 -2.79	28.93 0.87 -2.62	29.28 0.89 -2.23
ROSETON___1 23587	46.06 1.76 -14.96	41.79 1.63 -12.08	38.39 1.59 -9.34	38.25 1.57 -9.17	38.25 1.54 -9.20	43.15 2.06 -4.87	64.52 3.14 -8.19	74.11 3.48 -13.67	64.85 2.73 -16.67	58.85 2.29 -17.04	54.29 1.97 -16.39	52.86 1.93 -17.13	52.15 1.76 -19.48	53.41 1.72 -20.91	57.11 1.54 -27.61	58.46 1.52 -28.21	69.69 1.53 -40.41	100.12 1.80 -67.19	94.68 1.36 -69.48	70.78 1.40 -43.98	58.00 1.46 -27.99	57.40 1.32 -29.60	54.42 1.27 -27.71	51.33 1.33 -23.84
ROSETON___2 23588	46.06 1.76 -14.96	41.79 1.63 -12.08	38.39 1.59 -9.34	38.25 1.57 -9.17	38.25 1.54 -9.20	43.15 2.06 -4.87	64.52 3.14 -8.19	74.11 3.48 -13.67	64.85 2.73 -16.67	58.85 2.29 -17.04	54.29 1.97 -16.39	52.86 1.93 -17.13	52.15 1.76 -19.48	53.41 1.72 -20.91	57.11 1.54 -27.61	58.46 1.52 -28.21	69.69 1.53 -40.41	100.12 1.80 -67.19	94.68 1.36 -69.48	70.78 1.40 -43.98	58.00 1.46 -27.99	57.40 1.32 -29.60	54.42 1.27 -27.71	51.33 1.33 -23.84
ROTTDRAM_115KV_TB3 80664	50.41 1.47 -19.61	45.29 1.38 -15.84	41.04 1.35 -12.24	40.88 1.35 -12.02	40.91 1.35 -12.06	46.26 1.81 -8.24	66.80 2.87 -10.74	77.85 2.96 -17.92	69.62 2.32 -21.86	63.76 1.90 -22.34	59.03 1.62 -21.49	57.75 1.49 -22.47	57.82 1.36 -25.54	59.58 1.39 -27.41	65.45 1.29 -36.20	67.20 1.35 -37.13	82.22 1.30 -53.16	121.01 1.49 -88.39	116.41 1.14 -91.42	84.52 1.24 -57.87	66.73 1.34 -36.83	66.62 1.19 -38.95	63.00 1.09 -36.46	58.45 1.12 -31.17

RUSSELL___1 23602	32.03 -0.44 -3.13	30.04 -0.56 -2.53	28.73 -0.69 -1.95	28.66 -0.77 -1.92	28.58 -0.85 -1.92	36.51 -0.72 -1.02	53.63 -1.28 -1.71	58.25 -1.59 -2.88	47.83 -1.14 -3.51	42.32 -0.79 -3.59	38.70 -0.68 -3.45	36.95 -0.44 -3.59	34.62 -0.37 -4.07	34.79 -0.37 -4.37	33.26 -0.48 -5.78	34.17 -0.43 -5.88	35.68 -0.56 -8.48	44.88 -0.34 -14.09	38.04 -0.38 -14.58	34.25 -0.38 -9.23	34.03 -0.40 -5.87	32.11 -0.58 -6.21	30.71 -0.51 -5.77	30.60 -0.47 -4.92
RUSSELL___2 23532	32.03 -0.44 -3.13	30.04 -0.56 -2.53	28.73 -0.69 -1.95	28.66 -0.77 -1.92	28.58 -0.85 -1.92	36.51 -0.72 -1.02	53.63 -1.28 -1.71	58.25 -1.59 -2.88	47.83 -1.14 -3.51	42.32 -0.79 -3.59	38.70 -0.68 -3.45	36.95 -0.44 -3.59	34.62 -0.37 -4.07	34.79 -0.37 -4.37	33.26 -0.48 -5.78	34.17 -0.43 -5.88	35.68 -0.56 -8.48	44.88 -0.34 -14.09	38.04 -0.38 -14.58	34.25 -0.38 -9.23	34.03 -0.40 -5.87	32.11 -0.58 -6.21	30.71 -0.51 -5.77	30.60 -0.47 -4.92
RUSSELL___3 23549	32.03 -0.44 -3.13	30.04 -0.56 -2.53	28.73 -0.69 -1.95	28.66 -0.77 -1.92	28.58 -0.85 -1.92	36.51 -0.72 -1.02	53.63 -1.28 -1.71	58.25 -1.59 -2.88	47.83 -1.14 -3.51	42.32 -0.79 -3.59	38.70 -0.68 -3.45	36.95 -0.44 -3.59	34.62 -0.37 -4.07	34.79 -0.37 -4.37	33.26 -0.48 -5.78	34.17 -0.43 -5.88	35.68 -0.56 -8.48	44.88 -0.34 -14.09	38.04 -0.38 -14.58	34.25 -0.38 -9.23	34.03 -0.40 -5.87	32.11 -0.58 -6.21	30.71 -0.51 -5.77	30.60 -0.47 -4.92
RUSSELL___4 23556	32.03 -0.44 -3.13	30.04 -0.56 -2.53	28.73 -0.69 -1.95	28.66 -0.77 -1.92	28.58 -0.85 -1.92	36.51 -0.72 -1.02	53.63 -1.28 -1.71	58.25 -1.59 -2.88	47.83 -1.14 -3.51	42.32 -0.79 -3.59	38.70 -0.68 -3.45	36.95 -0.44 -3.59	34.62 -0.37 -4.07	34.79 -0.37 -4.37	33.26 -0.48 -5.78	34.17 -0.43 -5.88	35.68 -0.56 -8.48	44.88 -0.34 -14.09	38.04 -0.38 -14.58	34.25 -0.38 -9.23	34.03 -0.40 -5.87	32.11 -0.58 -6.21	30.71 -0.51 -5.77	30.60 -0.47 -4.92
RUSSELL___STATION 23914	32.03 -0.44 -3.13	30.04 -0.56 -2.53	28.73 -0.69 -1.95	28.66 -0.77 -1.92	28.58 -0.85 -1.92	36.51 -0.72 -1.02	53.63 -1.28 -1.71	58.25 -1.59 -2.88	47.83 -1.14 -3.51	42.32 -0.79 -3.59	38.70 -0.68 -3.45	36.95 -0.44 -3.59	34.62 -0.37 -4.07	34.79 -0.37 -4.37	33.26 -0.48 -5.78	34.17 -0.43 -5.88	35.68 -0.56 -8.48	44.88 -0.34 -14.09	38.04 -0.38 -14.58	34.25 -0.38 -9.23	34.03 -0.40 -5.87	32.11 -0.58 -6.21	30.71 -0.51 -5.77	30.60 -0.47 -4.92
S SALMON___HYD 24043	31.09 -0.47 -2.22	29.39 -0.48 -1.80	28.33 -0.52 -1.39	28.35 -0.52 -1.36	28.27 -0.61 -1.37	36.17 -0.76 -0.72	53.45 -0.96 -1.22	58.02 -0.97 -2.03	47.11 -0.82 -2.48	41.30 -0.75 -2.53	37.65 -0.72 -2.44	35.77 -0.57 -2.55	33.28 -0.53 -2.90	33.40 -0.49 -3.11	31.62 -0.45 -4.11	32.46 -0.40 -4.14	33.27 -0.42 -5.93	40.55 -0.44 -9.85	33.79 -0.24 -10.18	31.64 -0.20 -6.44	32.52 -0.14 -4.10	30.58 -0.24 -4.34	29.30 -0.20 -4.06	29.42 -0.24 -3.49
S.PERRY___115KV_TB1 80734	33.50 0.29 -3.87	31.29 0.08 -3.13	29.85 -0.03 -2.42	29.75 -0.14 -2.37	29.67 -0.22 -2.38	37.70 0.22 -1.27	55.58 0.27 -2.12	60.63 0.23 -3.44	49.69 0.05 -4.19	43.77 -0.04 -4.28	39.87 -0.18 -4.12	38.05 -0.14 -4.39	35.87 -0.09 -5.05	36.20 0.00 -5.42	35.06 -0.06 -7.15	36.01 0.00 -7.28	37.86 -0.03 -10.14	48.39 0.37 -16.89	41.58 0.29 -17.45	36.75 0.30 -11.05	35.99 0.40 -7.03	34.02 0.11 -7.43	32.65 0.05 -7.15	32.34 0.08 -6.11
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	31.73 -1.20 -3.60	29.60 -1.38 -2.90	28.17 -1.54 -2.24	28.01 -1.71 -2.20	27.96 -1.76 -2.21	35.50 -1.88 -1.17	51.60 -3.56 -1.97	55.22 -4.61 -2.88	45.43 -3.50 -3.48	40.23 -2.85 -3.56	36.86 -2.51 -3.45	35.51 -2.20 -3.91	33.68 -1.92 -4.68	33.93 -1.88 -5.03	32.90 -1.71 -6.64	33.70 -1.78 -6.76	34.32 -1.94 -8.51	43.54 -1.87 -14.28	36.97 -1.55 -14.68	33.07 -1.63 -9.30	32.74 -1.74 -5.92	30.91 -1.83 -6.26	30.48 -1.60 -6.64	30.37 -1.44 -5.64
SAWYER___23_KV_LOAD 55526	31.73 -1.20 -3.60	29.60 -1.38 -2.90	28.17 -1.54 -2.24	28.01 -1.71 -2.20	27.96 -1.76 -2.21	35.50 -1.88 -1.17	51.60 -3.56 -1.97	55.22 -4.61 -2.88	45.43 -3.50 -3.48	40.23 -2.85 -3.56	36.86 -2.51 -3.45	35.51 -2.20 -3.91	33.68 -1.92 -4.68	33.93 -1.88 -5.03	32.90 -1.71 -6.64	33.70 -1.78 -6.76	34.32 -1.94 -8.51	43.54 -1.87 -14.28	36.97 -1.55 -14.68	33.07 -1.63 -9.30	32.74 -1.74 -5.92	30.91 -1.83 -6.26	30.48 -1.60 -6.64	30.37 -1.44 -5.64
SELKIRK___I 23801	49.52 1.58 -18.60	44.61 1.52 -15.02	40.55 1.48 -11.61	40.39 1.48 -11.39	40.43 1.48 -11.44	44.70 1.92 -6.57	65.95 2.61 -10.15	76.53 2.62 -16.95	68.25 2.14 -20.66	62.42 1.78 -21.12	57.86 1.62 -20.32	56.56 1.52 -21.24	56.46 1.39 -24.15	58.09 1.39 -25.92	63.48 1.29 -34.23	64.94 1.32 -34.90	79.08 1.19 -50.13	115.82 1.34 -83.36	111.07 1.02 -86.20	81.09 1.12 -54.57	64.51 1.23 -34.73	64.31 1.11 -36.72	60.87 1.04 -34.38	56.83 1.10 -29.58
SELKIRK___II 23799	49.46 1.32 -18.81	44.53 1.26 -15.19	40.40 1.21 -11.74	40.25 1.21 -11.52	40.28 1.21 -11.57	44.47 1.56 -6.70	65.59 2.13 -10.27	76.26 2.16 -17.14	68.12 1.77 -20.89	62.42 1.54 -21.36	57.87 1.40 -20.54	56.63 1.35 -21.48	56.57 1.24 -24.42	58.19 1.20 -26.21	63.66 1.09 -34.61	65.12 1.12 -35.27	79.41 0.97 -50.68	116.49 1.09 -84.27	111.83 0.83 -87.15	81.48 0.91 -55.17	64.64 0.97 -35.11	64.50 0.90 -37.13	61.04 0.84 -34.75	56.95 0.89 -29.90
SENECA OSWGO___HYD 24041	31.28 -0.56 -2.50	29.53 -0.56 -2.02	28.41 -0.60 -1.56	28.44 -0.61 -1.53	28.38 -0.66 -1.54	36.19 -0.83 -0.81	53.34 -1.22 -1.37	57.99 -1.25 -2.28	47.32 -0.91 -2.78	41.61 -0.75 -2.84	37.98 -0.68 -2.74	36.08 -0.57 -2.86	33.67 -0.50 -3.25	33.78 -0.49 -3.49	32.10 -0.48 -4.61	32.91 -0.46 -4.65	33.91 -0.50 -6.65	41.69 -0.50 -11.06	34.91 -0.36 -11.43	32.30 -0.33 -7.23	32.93 -0.23 -4.60	31.05 -0.29 -4.87	29.72 -0.28 -4.56	29.79 -0.29 -3.92
SENECA___115KV_TB3 355854	32.05 -0.97 -3.68	29.87 -1.18 -2.97	28.46 -1.29 -2.29	28.31 -1.46 -2.25	28.23 -1.54 -2.26	35.82 -1.59 -1.20	52.12 -3.09 -2.01	56.01 -3.93 -2.98	46.12 -2.95 -3.62	40.77 -2.45 -3.70	37.35 -2.16 -3.57	35.92 -1.89 -4.02	34.06 -1.64 -4.79	34.32 -1.60 -5.14	33.27 -1.48 -6.79	34.06 -1.58 -6.91	34.88 -1.69 -8.81	44.29 -1.62 -14.78	37.69 -1.36 -15.21	33.61 -1.42 -9.63	33.18 -1.51 -6.13	31.34 -1.62 -6.48	30.78 -1.45 -6.79	30.65 -1.28 -5.77
SENECA___ENERGY 23797	32.89 0.18 -3.38	30.86 0.06 -2.73	29.54 -0.03 -2.11	29.55 -0.03 -2.07	29.50 -0.08 -2.08	37.46 0.15 -1.10	55.04 0.00 -1.85	60.19 0.17 -3.06	49.32 0.14 -3.73	43.41 0.08 -3.81	39.78 0.18 -3.67	37.89 0.24 -3.85	35.53 0.22 -4.40	35.69 0.19 -4.72	34.42 0.22 -6.23	35.28 0.29 -6.27	36.89 0.17 -8.96	46.23 0.19 -14.91	38.54 -0.12 -14.81	34.70 -0.08 -9.38	34.53 0.00 -5.97	32.60 -0.18 -6.31	31.15 -0.20 -5.91	31.03 -0.21 -5.08
SHOEMAKER___GT 23640	44.66 1.50 -13.83	40.65 1.40 -11.17	37.43 1.35 -8.63	37.33 1.35 -8.47	37.33 1.32 -8.50	42.46 1.74 -4.51	63.37 2.61 -7.57	72.44 2.85 -12.63	63.04 2.18 -15.40	57.08 1.82 -15.74	52.62 1.54 -15.15	51.12 1.49 -15.83	50.27 1.36 -18.00	51.43 1.32 -19.32	54.65 1.17 -25.51	56.03 1.21 -26.10	66.36 1.22 -37.39	94.76 1.46 -62.16	89.22 1.10 -64.28	67.21 1.12 -40.69	55.65 1.20 -25.90	54.95 1.09 -27.38	52.12 1.04 -25.64	49.34 1.12 -22.05

SHOEMAKR_138KV_BK 111 55601	44.57 1.50 -13.73	40.57 1.40 -11.09	37.38 1.35 -8.57	37.25 1.32 -8.42	37.25 1.29 -8.45	42.40 1.70 -4.48	63.27 2.55 -7.52	72.36 2.85 -12.55	63.03 2.27 -15.31	56.98 1.82 -15.65	52.60 1.62 -15.05	51.09 1.55 -15.74	50.20 1.39 -17.89	51.34 1.35 -19.20	54.52 1.20 -25.36	55.74 1.21 -25.81	65.93 1.22 -36.95	94.00 1.43 -61.44	88.47 1.07 -63.55	66.75 1.12 -40.23	55.36 1.20 -25.60	54.64 1.09 -27.07	51.83 1.04 -25.34	49.17 1.10 -21.92
SHOREHAM_IC_1 23715	55.53 3.96 -22.23	52.54 3.71 -20.75	43.18 3.52 -12.20	47.77 3.47 -16.79	47.95 3.44 -17.00	55.81 4.78 -14.82	85.87 7.23 -25.44	95.75 7.80 -30.99	73.52 6.09 -21.98	61.48 4.74 -17.22	56.74 4.24 -16.57	55.15 4.02 -17.33	54.13 3.52 -19.69	55.45 3.54 -21.13	59.26 3.38 -27.92	73.99 3.47 -41.79	104.72 3.66 -73.30	115.74 3.86 -80.75	113.79 2.86 -87.09	108.33 3.02 -79.91	90.04 3.60 -57.88	88.59 3.20 -58.91	61.93 3.00 -33.48	53.46 3.19 -24.11
SHOREHAM_IC_2 23716	55.53 3.96 -22.23	52.54 3.71 -20.75	43.18 3.52 -12.20	47.77 3.47 -16.79	47.95 3.44 -17.00	55.81 4.78 -14.82	85.87 7.23 -25.44	95.75 7.80 -30.99	73.52 6.09 -21.98	61.48 4.74 -17.22	56.74 4.24 -16.57	55.15 4.02 -17.33	54.13 3.52 -19.69	55.45 3.54 -21.13	59.26 3.38 -27.92	73.99 3.47 -41.79	104.72 3.66 -73.30	115.74 3.86 -80.75	113.79 2.86 -87.09	108.33 3.02 -79.91	90.04 3.60 -57.88	88.59 3.20 -58.91	61.93 3.00 -33.48	53.46 3.19 -24.11
SISSONVILLE____ 23735	29.25 -0.53 -0.44	27.98 -0.45 -0.36	27.49 -0.25 -0.27	27.56 -0.22 -0.27	27.64 -0.14 -0.27	35.82 -0.51 -0.11	52.42 -1.01 -0.24	56.39 -0.97 -0.40	45.08 -0.86 -0.49	39.39 -0.63 -0.50	36.02 -0.40 -0.48	33.76 -0.54 -0.50	30.93 -0.56 -0.57	30.84 -0.55 -0.62	28.35 -0.42 -0.81	28.94 -0.63 -0.84	28.63 -0.33 -1.21	32.52 -0.62 -2.01	25.59 -0.33 -2.08	26.28 -0.43 -1.32	28.60 -0.80 -0.84	26.86 -0.50 -0.89	25.92 -0.36 -0.83	26.53 -0.34 -0.71
SITHE_IND_GS1 24169	30.47 -1.00 -2.13	28.84 -0.95 -1.72	27.83 -0.96 -1.33	27.83 -0.99 -1.31	27.83 -0.99 -1.31	35.56 -1.34 -0.69	52.34 -2.02 -1.17	56.75 -2.16 -1.95	46.15 -1.68 -2.38	40.49 -1.46 -2.43	36.97 -1.29 -2.34	35.06 -1.18 -2.44	32.64 -1.05 -2.78	32.75 -1.02 -2.98	30.95 -0.95 -3.94	31.75 -0.95 -3.97	32.47 -0.97 -5.69	39.52 -1.06 -9.45	32.82 -0.81 -9.79	30.78 -0.81 -6.20	31.73 -0.77 -3.94	29.91 -0.74 -4.17	28.69 -0.66 -3.90	28.84 -0.68 -3.36
SITHE_IND_GS2 24170	30.47 -1.00 -2.13	28.84 -0.95 -1.72	27.83 -0.96 -1.33	27.83 -0.99 -1.31	27.83 -0.99 -1.31	35.56 -1.34 -0.69	52.34 -2.02 -1.17	56.75 -2.16 -1.95	46.15 -1.68 -2.38	40.49 -1.46 -2.43	36.97 -1.29 -2.34	35.06 -1.18 -2.44	32.64 -1.05 -2.78	32.75 -1.02 -2.98	30.95 -0.95 -3.94	31.75 -0.95 -3.97	32.47 -0.97 -5.69	39.52 -1.06 -9.45	32.82 -0.81 -9.79	30.78 -0.81 -6.20	31.73 -0.77 -3.94	29.91 -0.74 -4.17	28.69 -0.66 -3.90	28.84 -0.68 -3.36
SITHE_IND_GS3 24171	30.47 -1.00 -2.13	28.84 -0.95 -1.72	27.83 -0.96 -1.33	27.83 -0.99 -1.31	27.83 -0.99 -1.31	35.56 -1.34 -0.69	52.34 -2.02 -1.17	56.75 -2.16 -1.95	46.15 -1.68 -2.38	40.49 -1.46 -2.43	36.97 -1.29 -2.34	35.06 -1.18 -2.44	32.64 -1.05 -2.78	32.75 -1.02 -2.98	30.95 -0.95 -3.94	31.75 -0.95 -3.97	32.47 -0.97 -5.69	39.52 -1.06 -9.45	32.82 -0.81 -9.79	30.78 -0.81 -6.20	31.73 -0.77 -3.94	29.91 -0.74 -4.17	28.69 -0.66 -3.90	28.84 -0.68 -3.36
SITHE_IND_GS4 24172	30.47 -1.00 -2.13	28.84 -0.95 -1.72	27.83 -0.96 -1.33	27.83 -0.99 -1.31	27.83 -0.99 -1.31	35.56 -1.34 -0.69	52.34 -2.02 -1.17	56.75 -2.16 -1.95	46.15 -1.68 -2.38	40.49 -1.46 -2.43	36.97 -1.29 -2.34	35.06 -1.18 -2.44	32.64 -1.05 -2.78	32.75 -1.02 -2.98	30.95 -0.95 -3.94	31.75 -0.95 -3.97	32.47 -0.97 -5.69	39.52 -1.06 -9.45	32.82 -0.81 -9.79	30.78 -0.81 -6.20	31.73 -0.77 -3.94	29.91 -0.74 -4.17	28.69 -0.66 -3.90	28.84 -0.68 -3.36
SITHE____BATAVIA 24024	32.15 -0.56 -3.37	30.06 -0.73 -2.72	28.68 -0.88 -2.10	28.56 -1.02 -2.06	28.48 -1.10 -2.07	36.37 -0.94 -1.10	53.33 -1.70 -1.84	57.53 -2.28 -2.85	47.42 -1.50 -3.47	41.80 -1.27 -3.55	38.26 -1.08 -3.41	36.73 -0.81 -3.74	34.56 -0.74 -4.38	34.75 -0.74 -4.71	33.42 -0.75 -6.21	34.22 -0.77 -6.27	35.11 -0.94 -8.30	44.35 -0.66 -13.87	37.62 -0.64 -14.42	33.77 -0.76 -9.13	33.60 -0.77 -5.81	31.67 -0.95 -6.14	30.80 -0.84 -6.20	30.73 -0.76 -5.33
SITHE____INDEPEND 23800	30.47 -1.00 -2.13	28.84 -0.95 -1.72	27.83 -0.96 -1.33	27.83 -0.99 -1.31	27.83 -0.99 -1.31	35.56 -1.34 -0.69	52.34 -2.02 -1.17	56.75 -2.16 -1.95	46.10 -1.73 -2.38	40.49 -1.46 -2.43	36.97 -1.29 -2.34	35.06 -1.18 -2.44	32.64 -1.05 -2.78	32.75 -1.02 -2.98	30.95 -0.95 -3.94	31.79 -0.95 -4.01	32.52 -0.97 -5.74	39.62 -1.06 -9.54	32.90 -0.81 -9.87	30.84 -0.81 -6.25	31.79 -0.74 -3.98	29.94 -0.74 -4.21	28.72 -0.66 -3.94	28.83 -0.68 -3.35
SITHE____MASSENA 23902	29.10 -0.24 0.00	27.91 -0.17 0.00	27.43 -0.03 0.00	27.51 0.00 0.00	27.56 0.06 0.00	36.03 -0.18 0.00	52.87 -0.32 0.00	56.68 -0.28 0.00	45.13 -0.32 0.00	39.40 -0.12 0.00	35.93 0.00 0.00	33.66 -0.13 0.00	30.76 -0.15 0.00	30.63 -0.15 0.00	27.88 -0.08 0.00	28.58 -0.14 0.00	27.81 0.06 0.00	31.01 -0.12 0.00	23.84 0.00 0.00	25.32 -0.08 0.00	28.25 -0.31 0.00	26.37 -0.11 0.00	25.34 -0.10 0.00	26.03 -0.13 0.00
SITHE____OGDNSBRG 24021	29.72 0.03 -0.35	28.44 0.08 -0.28	27.93 0.25 -0.22	28.00 0.28 -0.21	28.05 0.33 -0.22	36.55 0.25 -0.09	54.08 0.69 -0.19	58.13 0.85 -0.32	46.34 0.50 -0.39	40.43 0.51 -0.40	36.89 0.57 -0.38	34.57 0.37 -0.40	31.62 0.25 -0.46	31.55 0.28 -0.49	28.97 0.36 -0.65	29.60 0.29 -0.59	29.12 0.53 -0.84	32.96 0.44 -1.40	25.74 0.45 -1.44	26.74 0.43 -0.91	29.14 0.00 -0.58	27.25 0.16 -0.61	26.17 0.15 -0.58	26.78 0.13 -0.49
SITHE____STERLING 23777	31.79 0.82 -1.63	30.15 0.76 -1.32	29.17 0.69 -1.02	29.23 0.71 -1.00	29.17 0.66 -1.00	37.82 1.09 -0.52	55.95 1.86 -0.89	60.50 2.05 -1.49	48.81 1.55 -1.82	42.61 1.23 -1.86	38.83 1.11 -1.79	36.72 1.05 -1.87	33.94 0.90 -2.13	33.99 0.92 -2.28	31.81 0.84 -3.01	32.71 0.95 -3.03	33.01 0.91 -4.35	39.35 1.00 -7.22	32.09 0.81 -7.44	31.00 0.89 -4.71	32.58 1.03 -3.00	30.41 0.77 -3.17	29.10 0.69 -2.97	29.44 0.73 -2.55
SLEIGHT__34_KV_TB1 80719	31.89 -0.53 -3.08	29.94 -0.62 -2.48	28.67 -0.71 -1.92	28.63 -0.77 -1.88	28.57 -0.83 -1.89	36.45 -0.76 -1.00	53.65 -1.22 -1.68	58.49 -1.31 -2.84	47.95 -0.95 -3.46	42.38 -0.67 -3.53	38.75 -0.57 -3.40	36.93 -0.41 -3.54	34.58 -0.34 -4.01	34.71 -0.37 -4.30	33.22 -0.42 -5.68	34.10 -0.40 -5.78	35.63 -0.47 -8.35	44.66 -0.34 -13.87	37.89 -0.31 -14.35	34.15 -0.33 -9.09	34.03 -0.31 -5.78	32.14 -0.45 -6.11	30.67 -0.46 -5.68	30.55 -0.44 -4.83
SOUTH CAIRO____GT 23612	49.39 2.17 -17.88	44.63 2.11 -14.44	40.62 2.00 -11.16	40.51 2.04 -10.96	40.62 2.12 -11.00	45.12 2.61 -6.30	67.16 4.20 -9.77	77.37 4.10 -16.30	68.51 3.18 -19.88	62.25 2.41 -20.32	57.56 2.08 -19.55	55.99 1.76 -20.43	55.72 1.58 -23.23	57.32 1.60 -24.93	62.43 1.54 -32.93	63.89 1.55 -33.61	77.55 1.53 -48.27	113.23 1.84 -80.26	108.30 1.45 -83.00	79.44 1.50 -52.54	63.62 1.63 -33.44	63.29 1.46 -35.36	59.84 1.30 -33.10	55.97 1.33 -28.48

SOUTH HAMPTN___IC 23720	55.92 4.34 -22.24	52.91 4.07 -20.76	43.50 3.84 -12.19	48.13 3.82 -16.80	48.28 3.77 -17.00	56.26 5.22 -14.83	86.62 7.98 -25.46	96.56 8.60 -31.00	74.16 6.73 -21.98	62.00 5.26 -17.22	57.24 4.74 -16.57	55.59 4.46 -17.33	54.50 3.90 -19.69	55.86 3.94 -21.13	59.62 3.75 -27.92	74.36 3.85 -41.79	105.14 4.08 -73.30	116.55 4.67 -80.75	114.44 3.51 -87.09	108.97 3.66 -79.91	90.44 4.00 -57.89	88.96 3.57 -58.91	62.24 3.31 -33.48	53.77 3.51 -24.11
SOUTHDOW_115KV_TB1 355954	32.92 -0.23 -3.82	30.60 -0.56 -3.08	29.16 -0.69 -2.38	28.92 -0.94 -2.34	28.84 -1.02 -2.35	36.48 -0.98 -1.25	53.42 -1.86 -2.09	57.89 -2.22 -3.15	47.60 -1.68 -3.83	42.09 -1.34 -3.92	38.56 -1.15 -3.78	36.92 -1.08 -4.20	34.96 -0.93 -4.97	35.20 -0.92 -5.34	34.11 -0.89 -7.05	34.87 -1.03 -7.18	35.96 -1.11 -9.32	45.86 -0.87 -15.60	39.03 -0.88 -16.07	34.63 -0.94 -10.17	34.04 -1.00 -6.48	32.16 -1.17 -6.85	31.42 -1.07 -7.05	31.20 -0.94 -5.99
SOUTHOLD_69_KV_BK 2 55809	56.27 4.69 -22.24	53.27 4.44 -20.76	43.97 4.31 -12.19	48.60 4.29 -16.80	48.75 4.24 -17.00	56.73 5.69 -14.83	87.37 8.72 -25.46	97.53 9.57 -31.00	74.85 7.41 -21.99	62.44 5.69 -17.23	57.78 5.28 -16.57	56.13 5.00 -17.33	55.00 4.39 -19.70	56.30 4.37 -21.14	59.85 3.97 -27.92	74.61 4.19 -41.70	105.43 4.52 -73.15	116.74 5.11 -80.50	114.50 3.81 -86.85	109.22 4.06 -79.76	90.77 4.43 -57.79	89.23 3.95 -58.81	62.63 3.79 -33.39	54.19 3.92 -24.10
SOUTHOLD___IC 23719	56.41 4.84 -22.24	53.38 4.55 -20.76	43.97 4.31 -12.19	48.60 4.29 -16.80	48.75 4.23 -17.00	56.91 5.87 -14.83	87.64 8.99 -25.46	97.70 9.74 -31.00	75.07 7.63 -21.98	62.67 5.93 -17.22	57.86 5.35 -16.57	56.16 5.04 -17.33	54.99 4.39 -19.69	56.35 4.43 -21.13	60.10 4.22 -27.92	74.91 4.40 -41.79	105.75 4.69 -73.30	117.24 5.36 -80.75	114.96 4.03 -87.09	109.55 4.24 -79.91	91.04 4.60 -57.89	89.47 4.08 -58.91	62.70 3.77 -33.48	54.22 3.95 -24.11
SOUTH_FORK_WT_PWR 323839	56.50 4.93 -22.24	53.44 4.60 -20.76	44.02 4.37 -12.19	48.65 4.35 -16.80	48.80 4.29 -17.00	56.98 5.94 -14.83	87.74 9.09 -25.46	97.81 9.86 -31.00	75.16 7.73 -21.98	62.75 6.00 -17.22	57.93 5.43 -16.57	56.23 5.10 -17.33	55.06 4.45 -19.69	56.41 4.49 -21.13	60.15 4.28 -27.92	74.97 4.45 -41.79	105.80 4.75 -73.30	117.33 5.45 -80.75	115.01 4.08 -87.09	109.60 4.29 -79.91	91.10 4.66 -57.89	89.52 4.13 -58.91	62.77 3.84 -33.48	54.27 4.00 -24.11
SPIERFLS_115KV_TB 1 80737	50.28 1.53 -19.42	45.25 1.49 -15.68	41.03 1.46 -12.12	40.90 1.49 -11.90	40.99 1.54 -11.94	46.35 2.10 -8.04	67.92 4.10 -10.64	78.70 3.99 -17.75	70.18 3.09 -21.64	63.86 2.21 -22.12	58.86 1.65 -21.28	57.40 1.35 -22.25	57.41 1.21 -25.30	59.16 1.23 -27.15	65.07 1.26 -35.85	66.45 1.32 -36.41	81.27 1.39 -52.13	119.39 1.59 -86.67	114.68 1.19 -89.65	83.49 1.35 -56.75	66.10 1.43 -36.11	65.81 1.14 -38.19	62.21 1.02 -35.75	58.00 0.97 -30.87
ST LAWRENCE___ 23600	28.84 -0.50 0.00	27.63 -0.45 0.00	27.10 -0.36 0.00	27.18 -0.33 0.00	27.23 -0.28 0.00	35.74 -0.47 0.00	52.56 -0.64 0.00	56.28 -0.68 0.00	44.86 -0.59 0.00	39.09 -0.43 0.00	35.57 -0.36 0.00	33.36 -0.44 0.00	30.48 -0.43 0.00	30.35 -0.43 0.00	27.60 -0.36 0.00	28.32 -0.40 0.00	27.48 -0.28 0.00	30.72 -0.41 0.00	23.53 -0.31 0.00	25.02 -0.38 0.00	27.99 -0.57 0.00	26.08 -0.40 0.00	25.04 -0.41 0.00	25.72 -0.44 0.00
STATE_CA_115KV_115_LB 55624	49.89 1.53 -19.03	44.90 1.46 -15.37	40.76 1.43 -11.87	40.60 1.43 -11.66	40.64 1.43 -11.70	45.35 1.88 -7.25	66.17 2.55 -10.42	76.92 2.56 -17.39	68.70 2.05 -21.21	62.93 1.74 -21.68	58.43 1.65 -20.85	57.19 1.59 -21.80	57.18 1.48 -24.78	58.83 1.45 -26.60	64.40 1.31 -35.13	65.51 1.32 -35.46	79.67 1.14 -50.77	116.80 1.25 -84.42	112.09 0.93 -87.32	81.69 1.02 -55.27	64.85 1.11 -35.18	64.68 1.01 -37.20	61.18 0.92 -34.82	57.38 0.97 -30.25
STATE_ST_34_KV_LOAD 55959	32.78 0.18 -3.26	30.79 0.08 -2.64	29.52 0.03 -2.04	29.51 0.00 -2.00	29.46 -0.06 -2.01	37.39 0.11 -1.06	55.14 0.16 -1.79	60.28 0.34 -2.98	49.31 0.23 -3.64	43.51 0.28 -3.72	39.75 0.25 -3.58	37.84 0.30 -3.74	35.44 0.28 -4.25	35.62 0.28 -4.56	34.21 0.22 -6.02	35.15 0.29 -6.13	36.76 0.22 -8.78	46.04 0.31 -14.60	39.16 0.21 -15.10	35.24 0.28 -9.56	35.04 0.40 -6.08	33.12 0.21 -6.43	31.65 0.18 -6.02	31.45 0.16 -5.14
STATION 5_MISC_HYD 23604	31.91 -0.56 -3.13	29.96 -0.64 -2.53	28.64 -0.77 -1.95	28.55 -0.88 -1.92	28.50 -0.94 -1.92	36.33 -0.90 -1.02	53.36 -1.54 -1.71	57.96 -1.88 -2.88	47.74 -1.23 -3.51	42.12 -0.99 -3.59	38.56 -0.82 -3.45	36.82 -0.57 -3.59	34.46 -0.53 -4.07	34.63 -0.52 -4.37	33.15 -0.59 -5.77	33.97 -0.57 -5.82	35.43 -0.72 -8.39	44.55 -0.53 -13.95	37.91 -0.52 -14.59	34.03 -0.61 -9.24	33.87 -0.57 -5.88	32.01 -0.69 -6.22	30.62 -0.61 -5.79	30.56 -0.58 -4.98
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.96 0.56 -3.07	30.95 0.39 -2.48	29.65 0.27 -1.92	29.61 0.22 -1.88	29.56 0.17 -1.89	37.90 0.69 -1.00	55.99 1.12 -1.68	61.13 1.37 -2.81	50.01 1.14 -3.42	44.12 1.11 -3.50	40.33 1.04 -3.36	38.46 1.15 -3.52	35.96 1.05 -4.00	36.09 1.02 -4.29	34.36 0.73 -5.67	35.33 0.83 -5.77	36.74 0.72 -8.26	45.96 1.09 -13.74	37.98 -0.07 -14.21	34.34 -0.05 -8.99	34.26 -0.03 -5.72	32.32 -0.21 -6.05	30.88 -0.23 -5.67	30.75 -0.24 -4.83
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.74 -0.70 -3.10	29.80 -0.79 -2.51	28.49 -0.91 -1.94	28.42 -0.99 -1.90	28.37 -1.05 -1.91	36.21 -1.01 -1.01	53.19 -1.70 -1.70	57.77 -2.05 -2.86	47.44 -1.50 -3.49	41.98 -1.11 -3.56	38.38 -0.97 -3.43	36.62 -0.74 -3.57	34.34 -0.62 -4.04	34.48 -0.65 -4.34	32.99 -0.70 -5.73	33.87 -0.69 -5.84	35.39 -0.78 -8.41	44.49 -0.62 -13.98	37.74 -0.57 -14.46	33.95 -0.61 -9.16	33.76 -0.63 -5.83	31.87 -0.77 -6.16	30.49 -0.69 -5.73	30.36 -0.68 -4.88
STA_56___34_KV_BUS2 355983	31.74 -0.70 -3.10	29.80 -0.79 -2.51	28.49 -0.91 -1.94	28.42 -0.99 -1.90	28.37 -1.05 -1.91	36.21 -1.01 -1.01	53.19 -1.70 -1.70	57.77 -2.05 -2.86	47.44 -1.50 -3.49	41.98 -1.11 -3.56	38.38 -0.97 -3.43	36.62 -0.74 -3.57	34.34 -0.62 -4.04	34.48 -0.65 -4.34	32.99 -0.70 -5.73	33.87 -0.69 -5.84	35.39 -0.78 -8.41	44.49 -0.62 -13.98	37.74 -0.57 -14.46	33.95 -0.61 -9.16	33.76 -0.63 -5.83	31.87 -0.77 -6.16	30.49 -0.69 -5.73	30.36 -0.68 -4.88
STA_67___115KV_BK2 355882	31.88 -0.59 -3.13	29.90 -0.70 -2.53	28.59 -0.82 -1.95	28.52 -0.91 -1.92	28.44 -0.99 -1.92	36.33 -0.91 -1.02	53.26 -1.65 -1.71	57.79 -2.05 -2.88	47.46 -1.50 -3.51	41.97 -1.15 -3.59	38.41 -0.97 -3.45	36.68 -0.71 -3.59	34.37 -0.62 -4.07	34.54 -0.62 -4.37	33.06 -0.67 -5.77	33.94 -0.66 -5.88	35.46 -0.78 -8.48	44.60 -0.62 -14.09	37.85 -0.57 -14.58	34.05 -0.58 -9.23	33.83 -0.60 -5.87	31.95 -0.74 -6.21	30.56 -0.66 -5.77	30.47 -0.60 -4.91
STA_7___115KV_9TRANS 80674	32.03 -0.44 -3.13	30.04 -0.56 -2.53	28.73 -0.69 -1.95	28.66 -0.77 -1.92	28.58 -0.85 -1.92	36.51 -0.72 -1.02	53.63 -1.28 -1.71	58.25 -1.59 -2.88	47.83 -1.14 -3.51	42.32 -0.79 -3.59	38.70 -0.68 -3.45	36.95 -0.44 -3.59	34.62 -0.37 -4.07	34.79 -0.37 -4.37	33.26 -0.48 -5.78	34.17 -0.43 -5.88	35.68 -0.56 -8.48	44.88 -0.34 -14.09	38.04 -0.38 -14.58	34.25 -0.38 -9.23	34.03 -0.40 -5.87	32.11 -0.58 -6.21	30.71 -0.51 -5.77	30.60 -0.47 -4.92

STA_82___115KV_TB1 80780	31.91 -0.56 -3.13	29.93 -0.67 -2.53	28.62 -0.80 -1.96	28.53 -0.91 -1.92	28.47 -0.96 -1.93	36.33 -0.91 -1.02	53.31 -1.60 -1.72	57.83 -1.99 -2.87	47.49 -1.45 -3.49	41.98 -1.11 -3.57	38.43 -0.93 -3.44	36.68 -0.71 -3.59	34.41 -0.59 -4.08	34.58 -0.58 -4.38	33.11 -0.64 -5.79	33.99 -0.63 -5.89	35.44 -0.75 -8.44	44.57 -0.59 -14.03	37.80 -0.55 -14.51	34.00 -0.58 -9.18	33.81 -0.60 -5.84	31.92 -0.74 -6.18	30.60 -0.64 -5.79	30.48 -0.60 -4.93
STEEL___WIND 323596	32.02 -1.00 -3.68	29.87 -1.18 -2.97	28.44 -1.32 -2.29	28.28 -1.49 -2.25	28.20 -1.57 -2.26	35.71 -1.70 -1.20	52.07 -3.14 -2.01	55.95 -3.99 -2.98	46.22 -2.86 -3.63	40.82 -2.41 -3.71	37.38 -2.12 -3.57	35.96 -1.86 -4.02	34.06 -1.64 -4.79	34.29 -1.63 -5.14	33.27 -1.48 -6.79	33.99 -1.58 -6.84	34.68 -1.75 -8.67	44.02 -1.65 -14.54	37.45 -1.41 -15.02	33.36 -1.55 -9.51	33.04 -1.57 -6.05	31.24 -1.64 -6.40	30.70 -1.48 -6.73	30.64 -1.31 -5.79
STEPHTWN_115KV_BK_2 55603	50.01 1.82 -18.85	45.04 1.74 -15.23	40.93 1.70 -11.77	40.77 1.71 -11.55	40.83 1.73 -11.59	45.47 2.32 -6.93	66.66 3.14 -10.33	77.33 3.13 -17.23	68.96 2.50 -21.01	63.05 2.06 -21.48	58.46 1.87 -20.66	57.16 1.76 -21.60	57.08 1.61 -24.56	58.74 1.60 -26.35	64.22 1.45 -34.81	65.55 1.49 -35.33	79.69 1.36 -50.58	116.79 1.56 -84.10	112.02 1.19 -86.99	81.76 1.30 -55.06	65.00 1.40 -35.04	64.78 1.24 -37.06	61.26 1.12 -34.69	57.29 1.15 -29.98
STEBEN_REC_LFGE 323667	34.02 0.18 -4.51	31.72 0.00 -3.64	30.19 -0.08 -2.81	30.11 -0.17 -2.76	30.00 -0.28 -2.77	37.69 0.00 -1.48	55.18 -0.48 -2.47	60.28 -0.68 -4.00	49.69 -0.64 -4.87	43.91 -0.59 -4.98	40.25 -0.47 -4.79	38.53 -0.37 -5.10	36.50 -0.28 -5.87	36.84 -0.25 -6.30	36.09 -0.20 -8.32	36.97 -0.23 -8.47	39.12 -0.42 -11.78	50.39 -0.37 -19.63	43.72 -0.41 -20.28	37.88 -0.36 -12.84	36.45 -0.29 -8.17	34.64 -0.48 -8.64	33.28 -0.48 -8.32	33.00 -0.37 -7.21
STILLWATER___SOLAR 323814	50.60 1.94 -19.32	45.56 1.88 -15.61	41.33 1.81 -12.06	41.20 1.84 -11.84	41.26 1.87 -11.88	46.65 2.50 -7.94	67.98 4.20 -10.58	78.84 4.21 -17.66	70.35 3.36 -21.54	64.10 2.57 -22.01	59.22 2.12 -21.18	57.86 1.93 -22.14	57.84 1.76 -25.17	59.55 1.75 -27.01	65.31 1.68 -35.67	66.84 1.78 -36.33	81.56 1.75 -52.06	119.68 1.99 -86.56	114.86 1.50 -89.52	83.69 1.63 -56.67	66.42 1.80 -36.06	66.15 1.54 -38.13	62.57 1.42 -35.70	58.31 1.44 -30.71
STONY___BROOK 24151	55.34 3.79 -22.22	52.35 3.54 -20.74	43.02 3.35 -12.21	47.60 3.30 -16.79	47.80 3.30 -16.99	55.58 4.56 -14.80	85.57 6.97 -25.41	95.43 7.52 -30.95	73.33 5.91 -21.97	61.36 4.62 -17.22	56.67 4.17 -16.57	55.08 3.95 -17.33	54.06 3.46 -19.69	55.39 3.48 -21.13	59.17 3.30 -27.92	73.87 3.36 -41.79	104.55 3.50 -73.30	115.93 4.05 -80.75	113.99 3.05 -87.09	108.49 3.17 -79.91	89.87 3.43 -57.88	88.46 3.07 -58.91	61.79 2.87 -33.47	53.32 3.06 -24.11
STURGEON_POOL_HYD 23609	46.54 1.47 -15.73	42.16 1.38 -12.71	38.57 1.29 -9.82	38.45 1.29 -9.64	38.42 1.24 -9.68	43.03 1.59 -5.23	64.74 2.93 -8.62	74.59 3.25 -14.38	65.58 2.59 -17.54	59.62 2.17 -17.93	55.11 1.94 -17.24	53.62 1.79 -18.03	53.02 1.61 -20.50	54.35 1.57 -22.00	58.44 1.43 -29.05	59.54 1.26 -29.55	71.31 1.25 -42.31	102.97 1.49 -70.35	97.75 1.14 -72.76	72.60 1.14 -46.06	59.07 1.20 -29.31	58.64 1.17 -31.00	55.56 1.09 -29.02	52.51 1.18 -25.17
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	45.08 1.61 -14.13	41.01 1.52 -11.41	37.73 1.46 -8.82	37.63 1.46 -8.66	37.63 1.43 -8.69	42.70 1.88 -4.61	63.80 2.87 -7.74	73.12 3.25 -12.92	63.75 2.55 -15.75	57.67 2.06 -16.10	53.25 1.83 -15.49	51.75 1.76 -16.19	50.90 1.58 -18.41	52.08 1.54 -19.75	55.39 1.34 -26.09	56.66 1.38 -26.55	67.16 1.39 -38.02	95.96 1.62 -63.22	90.42 1.19 -65.38	68.03 1.24 -41.39	56.21 1.31 -26.34	55.55 1.22 -27.85	52.67 1.15 -26.08	49.93 1.23 -22.54
SWANROAD_115KV_TB1 355699	31.24 -1.61 -3.51	29.14 -1.77 -2.84	27.76 -1.89 -2.19	27.63 -2.04 -2.15	27.55 -2.12 -2.16	35.01 -2.35 -1.15	50.81 -4.31 -1.92	54.20 -5.58 -2.82	44.70 -4.18 -3.43	39.59 -3.44 -3.51	36.25 -3.05 -3.38	34.96 -2.67 -3.83	33.14 -2.35 -4.58	33.38 -2.31 -4.91	32.32 -2.13 -6.48	33.14 -2.18 -6.60	33.73 -2.36 -8.33	42.78 -2.33 -13.98	36.32 -1.91 -14.38	32.50 -2.01 -9.11	32.19 -2.17 -5.80	30.38 -2.22 -6.13	29.97 -1.96 -6.48	29.89 -1.78 -5.51
SYNERGY___BIOGAS 323694	32.15 -0.56 -3.37	30.06 -0.73 -2.72	28.68 -0.88 -2.10	28.56 -1.02 -2.06	28.48 -1.10 -2.07	36.37 -0.94 -1.10	53.33 -1.70 -1.84	57.53 -2.28 -2.85	47.42 -1.50 -3.47	41.80 -1.27 -3.55	38.26 -1.08 -3.41	36.73 -0.81 -3.74	34.56 -0.74 -4.38	34.75 -0.74 -4.71	33.42 -0.75 -6.21	34.22 -0.77 -6.27	35.11 -0.94 -8.30	44.35 -0.66 -13.87	37.62 -0.64 -14.42	33.77 -0.76 -9.13	33.60 -0.77 -5.81	31.67 -0.95 -6.14	30.80 -0.84 -6.20	30.73 -0.76 -5.33
SYRACUSE___ENERGY_ST1 323597	32.11 -0.09 -2.86	30.25 -0.14 -2.31	29.05 -0.19 -1.78	29.07 -0.19 -1.75	29.02 -0.25 -1.76	36.89 -0.25 -0.93	54.33 -0.43 -1.57	59.18 -0.40 -2.61	48.36 -0.27 -3.19	42.62 -0.16 -3.26	38.92 -0.14 -3.13	37.01 -0.07 -3.28	34.64 0.00 -3.73	34.75 -0.03 -4.00	33.21 -0.03 -5.28	34.07 -0.03 -5.38	35.37 -0.08 -7.70	43.87 -0.06 -12.80	37.06 -0.02 -13.24	33.80 0.03 -8.38	34.04 0.14 -5.33	32.17 0.05 -5.64	30.78 0.05 -5.28	30.69 0.03 -4.50
SYRACUSE___ENERGY_ST2 323598	32.11 -0.09 -2.86	30.25 -0.14 -2.31	29.05 -0.19 -1.78	29.07 -0.19 -1.75	29.02 -0.25 -1.76	36.89 -0.25 -0.93	54.33 -0.43 -1.57	59.18 -0.40 -2.61	48.36 -0.27 -3.19	42.62 -0.16 -3.26	38.92 -0.14 -3.13	37.01 -0.07 -3.28	34.64 0.00 -3.73	34.75 -0.03 -4.00	33.21 -0.03 -5.28	34.07 -0.03 -5.38	35.37 -0.08 -7.70	43.87 -0.06 -12.80	37.06 -0.02 -13.24	33.80 0.03 -8.38	34.04 0.14 -5.33	32.17 0.05 -5.64	30.78 0.05 -5.28	30.69 0.03 -4.50
SYRACUSE___POWER 24017	32.06 -0.18 -2.90	30.19 -0.22 -2.34	28.99 -0.27 -1.81	28.98 -0.30 -1.77	28.96 -0.33 -1.78	36.76 -0.40 -0.94	54.14 -0.64 -1.59	58.98 -0.63 -2.65	48.22 -0.45 -3.23	42.50 -0.32 -3.30	38.81 -0.29 -3.17	36.91 -0.20 -3.32	34.53 -0.15 -3.77	34.68 -0.15 -4.05	33.17 -0.14 -5.35	34.03 -0.14 -5.44	35.35 -0.19 -7.79	43.90 -0.19 -12.96	37.13 -0.12 -13.40	33.83 -0.05 -8.48	34.05 0.09 -5.40	32.16 -0.03 -5.71	30.77 -0.03 -5.35	30.69 -0.03 -4.55
TALLMAN___138KV_BK151 55660	45.60 1.76 -14.50	41.45 1.66 -11.71	38.10 1.59 -9.05	37.97 1.57 -8.89	37.97 1.54 -8.92	42.97 2.03 -4.73	64.27 3.14 -7.94	73.81 3.59 -13.26	64.43 2.82 -16.17	58.34 2.29 -16.52	53.83 2.01 -15.89	52.38 1.96 -16.62	51.57 1.76 -18.89	52.75 1.69 -20.27	56.25 1.51 -26.78	57.47 1.49 -27.25	68.27 1.50 -39.02	97.75 1.74 -64.88	92.24 1.29 -67.11	69.23 1.35 -42.48	57.02 1.43 -27.03	56.36 1.30 -28.59	53.46 1.25 -26.76	50.62 1.33 -23.12
TEALLAVE_115KV_TB7 355573	31.66 -0.29 -2.62	29.85 -0.34 -2.11	28.71 -0.38 -1.63	28.73 -0.39 -1.60	28.68 -0.44 -1.61	36.52 -0.54 -0.85	53.72 -0.90 -1.43	58.44 -0.91 -2.39	47.69 -0.68 -2.92	41.99 -0.51 -2.98	38.33 -0.47 -2.87	36.43 -0.37 -3.00	34.05 -0.28 -3.41	34.17 -0.28 -3.66	32.54 -0.25 -4.83	33.39 -0.26 -4.92	34.47 -0.33 -7.05	42.47 -0.37 -11.72	35.70 -0.26 -12.12	32.87 -0.20 -7.67	33.39 -0.06 -4.88	31.51 -0.13 -5.16	30.15 -0.13 -4.83	30.15 -0.13 -4.12

TELGRAPH_34_KV_EAST 80808	31.82 -0.94 -3.42	29.69 -1.15 -2.76	28.31 -1.29 -2.14	28.18 -1.43 -2.10	28.13 -1.49 -2.10	35.85 -1.48 -1.12	52.30 -2.77 -1.87	56.15 -3.65 -2.84	46.23 -2.68 -3.46	40.88 -2.17 -3.54	37.39 -1.94 -3.40	35.95 -1.62 -3.78	33.98 -1.39 -4.46	34.18 -1.39 -4.78	32.97 -1.31 -6.32	33.81 -1.35 -6.43	34.64 -1.50 -8.39	43.83 -1.34 -14.04	37.13 -1.17 -14.46	33.31 -1.24 -9.15	33.04 -1.34 -5.83	31.16 -1.48 -6.16	30.44 -1.32 -6.32	30.36 -1.18 -5.37
TEMPLE___115KV_TB 2 55572	31.69 -0.29 -2.64	29.90 -0.31 -2.14	28.73 -0.38 -1.65	28.75 -0.39 -1.62	28.69 -0.44 -1.63	36.53 -0.54 -0.86	53.74 -0.90 -1.45	58.47 -0.91 -2.42	47.76 -0.64 -2.95	42.02 -0.51 -3.01	38.39 -0.43 -2.90	36.49 -0.34 -3.03	34.08 -0.28 -3.44	34.20 -0.28 -3.70	32.62 -0.22 -4.88	33.44 -0.26 -4.97	34.57 -0.31 -7.12	42.62 -0.34 -11.83	35.84 -0.24 -12.24	32.97 -0.18 -7.75	33.46 -0.03 -4.93	31.56 -0.13 -5.21	30.22 -0.10 -4.88	30.19 -0.13 -4.16
TIANA___69_KV_BK 1 55817	55.65 4.08 -22.24	52.66 3.82 -20.76	43.39 3.73 -12.19	48.02 3.71 -16.80	48.17 3.66 -17.00	55.97 4.93 -14.83	86.15 7.50 -25.46	96.17 8.20 -31.00	73.76 6.32 -21.99	61.61 4.86 -17.23	57.03 4.53 -16.57	55.42 4.29 -17.33	54.41 3.80 -19.70	55.68 3.76 -21.14	59.29 3.41 -27.92	73.98 3.56 -41.70	104.71 3.80 -73.15	115.87 4.23 -80.50	113.86 3.17 -86.85	108.56 3.40 -79.76	90.06 3.71 -57.79	88.62 3.34 -58.81	62.07 3.23 -33.39	53.64 3.37 -24.10
TILDEN___115KV_TB1 80814	32.06 -0.18 -2.90	30.19 -0.22 -2.34	28.99 -0.27 -1.81	28.98 -0.30 -1.77	28.96 -0.33 -1.78	36.76 -0.40 -0.94	54.14 -0.64 -1.59	58.98 -0.63 -2.65	48.22 -0.45 -3.23	42.50 -0.32 -3.30	38.81 -0.29 -3.17	36.91 -0.20 -3.32	34.53 -0.15 -3.77	34.68 -0.15 -4.05	33.17 -0.14 -5.35	34.03 -0.14 -5.44	35.35 -0.19 -7.79	43.90 -0.19 -12.96	37.13 -0.12 -13.40	33.83 -0.05 -8.48	34.05 0.09 -5.40	32.16 -0.03 -5.71	30.77 -0.03 -5.35	30.69 -0.03 -4.55
TRIGEN___CC 323695	51.43 2.61 -19.48	47.97 2.44 -17.45	43.94 2.39 -14.09	45.19 2.37 -15.31	44.60 2.34 -14.75	50.32 3.11 -10.99	76.66 4.68 -18.79	86.86 5.13 -24.77	69.72 4.14 -20.13	60.07 3.32 -17.23	55.55 3.05 -16.57	54.03 2.91 -17.33	53.24 2.63 -19.70	54.51 2.59 -21.14	58.17 2.29 -27.92	72.63 2.21 -41.69	103.08 2.19 -73.13	114.15 2.52 -80.50	112.57 1.88 -86.84	107.13 1.98 -79.75	88.45 2.11 -57.77	87.20 1.93 -58.79	58.29 1.98 -30.86	52.35 2.09 -24.10
TRINITY___115KV__ 4 BK 55933	49.64 1.41 -18.89	44.68 1.35 -15.26	40.54 1.29 -11.79	40.38 1.29 -11.58	40.42 1.29 -11.62	44.94 1.74 -6.99	65.77 2.23 -10.35	76.51 2.28 -17.27	68.32 1.82 -21.06	62.62 1.58 -21.52	58.10 1.47 -20.70	56.86 1.42 -21.64	56.85 1.33 -24.61	58.48 1.29 -26.41	64.01 1.17 -34.88	65.29 1.18 -35.39	79.43 1.00 -50.67	116.47 1.09 -84.25	111.82 0.83 -87.14	81.48 0.91 -55.16	64.64 0.97 -35.11	64.50 0.90 -37.12	61.04 0.84 -34.75	57.06 0.86 -30.04
UNION___PROCESSING_DRP 323587	31.92 -0.56 -3.14	29.93 -0.67 -2.53	28.62 -0.80 -1.96	28.55 -0.88 -1.92	28.47 -0.96 -1.93	36.37 -0.87 -1.02	53.37 -1.54 -1.72	57.89 -1.94 -2.87	47.54 -1.41 -3.49	42.03 -1.07 -3.57	38.43 -0.93 -3.44	36.71 -0.68 -3.59	34.41 -0.59 -4.08	34.58 -0.58 -4.38	33.11 -0.64 -5.79	34.02 -0.60 -5.89	35.47 -0.72 -8.44	44.60 -0.56 -14.03	37.81 -0.55 -14.51	34.03 -0.56 -9.19	33.84 -0.57 -5.85	31.95 -0.71 -6.18	30.60 -0.64 -5.79	30.49 -0.60 -4.93
UPPER HUDSON___HYD 24058	50.25 1.50 -19.42	45.25 1.49 -15.68	41.03 1.45 -12.12	40.90 1.48 -11.90	40.99 1.54 -11.94	46.39 2.14 -8.04	67.89 4.10 -10.61	78.71 4.04 -17.70	70.26 3.23 -21.59	63.79 2.21 -22.06	58.81 1.65 -21.22	57.37 1.39 -22.19	57.34 1.20 -25.23	59.09 1.23 -27.07	64.98 1.26 -35.75	66.49 1.35 -36.41	81.46 1.39 -52.32	119.70 1.59 -86.99	114.99 1.19 -89.96	83.67 1.32 -56.95	66.20 1.40 -36.24	65.94 1.14 -38.32	62.34 1.02 -35.88	57.99 0.97 -30.86
UPPER RAQUET___HYD 24056	29.25 -0.53 -0.44	27.98 -0.45 -0.36	27.49 -0.25 -0.27	27.56 -0.22 -0.27	27.64 -0.14 -0.27	35.82 -0.51 -0.11	52.43 -1.01 -0.25	56.40 -0.97 -0.41	45.04 -0.91 -0.50	39.40 -0.63 -0.51	36.03 -0.39 -0.49	33.77 -0.54 -0.51	30.91 -0.59 -0.59	30.86 -0.55 -0.63	28.32 -0.48 -0.83	28.93 -0.63 -0.84	28.62 -0.33 -1.20	32.50 -0.62 -1.99	25.56 -0.33 -2.05	26.27 -0.43 -1.30	28.62 -0.77 -0.83	26.85 -0.50 -0.87	25.91 -0.36 -0.82	26.51 -0.34 -0.69
VALLEY44_115KV_TB2 355964	31.91 -1.29 -3.86	29.74 -1.46 -3.12	28.31 -1.57 -2.41	28.17 -1.71 -2.37	28.12 -1.76 -2.38	35.52 -1.96 -1.26	51.85 -3.46 -2.12	56.19 -3.99 -3.21	46.18 -3.18 -3.91	40.75 -2.77 -3.99	37.27 -2.51 -3.85	35.73 -2.33 -4.26	33.88 -2.07 -5.03	34.12 -2.06 -5.40	33.22 -1.87 -7.14	33.98 -2.01 -7.26	35.25 -2.00 -9.49	45.09 -1.93 -15.89	38.59 -1.62 -16.37	34.14 -1.63 -10.36	33.47 -1.69 -6.60	31.65 -1.80 -6.98	30.85 -1.73 -7.13	30.60 -1.62 -6.06
VALLEY___115KV_TB 1-4 80826	30.29 0.56 -0.39	28.98 0.59 -0.32	28.31 0.60 -0.24	28.41 0.66 -0.24	28.38 0.63 -0.24	37.25 0.94 -0.10	54.95 1.54 -0.21	58.91 1.59 -0.36	47.16 1.27 -0.44	41.03 1.07 -0.44	37.33 0.97 -0.43	35.16 0.91 -0.45	32.19 0.77 -0.51	32.10 0.77 -0.55	29.38 0.70 -0.72	30.24 0.78 -0.73	29.58 0.78 -1.05	33.75 0.87 -1.75	26.30 0.64 -1.81	27.21 0.66 -1.15	30.03 0.74 -0.73	27.86 0.61 -0.77	26.75 0.59 -0.72	27.40 0.63 -0.61
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	38.44 2.64 -6.46	35.71 2.41 -5.22	33.66 2.17 -4.03	33.75 2.28 -3.96	33.60 2.12 -3.97	41.78 3.44 -2.12	62.63 5.90 -3.54	69.20 6.38 -5.86	57.63 5.04 -7.14	51.12 4.31 -7.30	46.94 3.99 -7.02	44.96 3.79 -7.38	42.48 3.15 -8.42	42.92 3.11 -9.03	42.57 2.68 -11.93	42.62 1.75 -12.14	46.64 1.64 -17.25	61.75 1.93 -28.69	55.06 1.45 -29.76	45.84 1.60 -18.84	42.35 1.80 -11.99	40.64 1.48 -12.68	38.72 1.35 -11.92	38.80 1.41 -11.22
VISCHER___FERRY HYD 24020	50.12 1.73 -19.05	45.12 1.66 -15.39	40.97 1.62 -11.89	40.78 1.60 -11.67	40.84 1.62 -11.71	45.94 2.14 -7.59	66.86 3.25 -10.42	77.72 3.36 -17.40	69.39 2.73 -21.21	63.42 2.21 -21.68	58.69 1.90 -20.86	57.36 1.76 -21.81	57.34 1.64 -24.79	59.02 1.63 -26.61	64.61 1.51 -35.14	66.10 1.58 -35.80	80.61 1.53 -51.33	118.18 1.71 -85.34	113.41 1.31 -88.26	82.67 1.40 -55.87	65.63 1.51 -35.55	65.45 1.38 -37.60	61.92 1.27 -35.20	57.75 1.31 -30.28
V_A_10_SYNC_DSASP 323832	31.51 -1.14 -3.31	29.52 -1.23 -2.68	28.13 -1.40 -2.07	28.03 -1.51 -2.03	27.98 -1.57 -2.04	35.56 -1.74 -1.08	51.82 -3.19 -1.81	56.06 -4.10 -3.20	46.44 -2.91 -3.90	41.05 -2.45 -3.98	37.64 -2.12 -3.83	35.89 -1.79 -3.88	33.65 -1.58 -4.32	33.81 -1.60 -4.63	32.62 -1.46 -6.12	33.40 -1.49 -6.17	35.37 -1.69 -9.30	44.93 -1.62 -15.42	38.58 -1.36 -16.09	34.11 -1.47 -10.19	33.53 -1.51 -6.48	31.77 -1.56 -6.85	30.22 -1.32 -6.10	30.23 -1.18 -5.25
V_CMM_10_SYNC_DSASP 323787	28.93 -0.41 0.00	27.74 -0.34 0.00	27.21 -0.25 0.00	27.26 -0.25 0.00	27.32 -0.19 0.00	35.85 -0.36 0.00	52.71 -0.48 0.00	56.50 -0.46 0.00	45.04 -0.41 0.00	39.20 -0.32 0.00	35.71 -0.21 0.00	33.49 -0.30 0.00	30.60 -0.31 0.00	30.48 -0.31 0.00	27.71 -0.25 0.00	28.44 -0.29 0.00	27.56 -0.19 0.00	30.85 -0.28 0.00	23.63 -0.22 0.00	25.12 -0.28 0.00	28.10 -0.46 0.00	26.19 -0.29 0.00	25.14 -0.30 0.00	25.79 -0.37 0.00

V_CMP_10_SYNC_DSASP 323788	28.43 -0.91 0.00	27.43 -0.64 0.00	27.02 -0.44 0.00	27.21 -0.30 0.00	27.51 0.00 0.00	36.36 0.15 0.00	54.10 0.90 0.00	57.65 0.69 0.00	46.00 0.55 0.00	40.00 0.48 0.00	36.50 0.57 0.00	34.00 0.20 0.00	30.88 -0.03 0.00	30.78 0.00 0.00	27.96 0.00 0.00	28.73 0.00 0.00	27.92 0.17 0.00	31.19 0.06 0.00	23.68 -0.17 0.00	25.02 -0.38 0.00	27.85 -0.71 0.00	26.29 -0.18 0.00	25.07 -0.38 0.00	25.64 -0.52 0.00
V_D_10_SYNC_DSASP 323841	30.92 -1.94 -3.52	28.95 -1.97 -2.84	27.51 -2.14 -2.20	27.39 -2.28 -2.16	27.31 -2.37 -2.16	34.61 -2.75 -1.15	50.28 -4.84 -1.93	53.46 -6.27 -2.76	44.27 -4.54 -3.37	39.13 -3.83 -3.44	35.90 -3.34 -3.31	34.66 -2.94 -3.80	32.87 -2.63 -4.58	33.05 -2.65 -4.92	32.08 -2.38 -6.50	32.80 -2.47 -6.55	33.14 -2.66 -8.05	41.96 -2.71 -13.54	35.64 -2.19 -13.99	31.87 -2.39 -8.86	31.69 -2.51 -5.64	29.95 -2.49 -5.96	29.71 -2.19 -6.46	29.70 -2.01 -5.56
V_E_10_SYNC_DSASP 323830	37.84 2.46 -6.04	35.23 2.27 -4.88	33.23 2.00 -3.77	33.30 2.09 -3.70	33.15 1.92 -3.71	41.38 3.19 -1.98	62.19 5.69 -3.31	68.65 6.21 -5.48	56.90 4.77 -6.68	50.26 3.91 -6.82	46.05 3.56 -6.56	44.07 3.38 -6.90	41.62 2.84 -7.87	42.06 2.83 -8.44	41.65 2.54 -11.15	41.99 2.67 -10.59	45.37 2.61 -15.01	59.24 3.14 -24.97	51.91 2.34 -25.73	44.20 2.52 -16.29	41.75 2.83 -10.36	39.61 2.17 -10.96	37.69 1.91 -10.34	37.02 1.96 -8.89
V_F_30_NSYNC_DSASP 323816	50.67 1.97 -19.36	45.63 1.91 -15.64	41.41 1.87 -12.09	41.25 1.87 -11.87	41.31 1.90 -11.91	46.77 2.57 -7.98	68.11 4.31 -10.61	79.00 4.33 -17.71	70.50 3.45 -21.59	64.24 2.65 -22.07	59.35 2.19 -21.23	57.95 1.96 -22.20	57.94 1.79 -25.24	59.68 1.82 -27.08	65.46 1.73 -35.77	66.99 1.84 -36.43	81.71 1.78 -52.17	119.90 2.02 -86.75	115.08 1.53 -89.71	83.87 1.68 -56.79	66.53 1.83 -36.14	66.29 1.59 -38.22	62.67 1.45 -35.78	58.40 1.46 -30.78
V_F_30_SYNC_DSASP 323786	49.88 1.53 -19.01	44.89 1.46 -15.36	40.76 1.43 -11.87	40.57 1.40 -11.65	40.63 1.43 -11.69	45.33 1.88 -7.23	66.11 2.50 -10.41	76.91 2.56 -17.38	68.69 2.05 -21.19	62.92 1.74 -21.66	58.42 1.65 -20.84	57.17 1.59 -21.79	57.17 1.48 -24.77	58.81 1.45 -26.58	64.38 1.31 -35.11	65.50 1.32 -35.46	79.66 1.14 -50.77	116.79 1.25 -84.41	112.08 0.93 -87.31	81.68 1.02 -55.27	64.85 1.11 -35.17	64.68 1.01 -37.19	61.18 0.92 -34.82	57.36 0.97 -30.23
V_XM_10_SYNC_DSASP 323789	28.43 -0.91 0.00	27.43 -0.64 0.00	27.02 -0.44 0.00	27.21 -0.30 0.00	27.51 0.00 0.00	36.36 0.15 0.00	54.10 0.90 0.00	57.65 0.69 0.00	46.00 0.55 0.00	40.00 0.48 0.00	36.50 0.57 0.00	34.00 0.20 0.00	30.88 -0.03 0.00	30.78 0.00 0.00	27.96 0.00 0.00	28.73 0.00 0.00	27.92 0.17 0.00	31.19 0.06 0.00	23.68 -0.17 0.00	25.02 -0.38 0.00	27.85 -0.71 0.00	26.29 -0.18 0.00	25.07 -0.38 0.00	25.64 -0.52 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	45.77 1.85 -14.59	41.60 1.74 -11.78	38.24 1.68 -9.10	38.13 1.68 -8.94	38.10 1.62 -8.97	43.10 2.14 -4.75	64.48 3.30 -7.99	74.05 3.76 -13.33	64.71 3.00 -16.26	58.55 2.41 -16.62	54.07 2.16 -15.99	52.54 2.03 -16.71	51.77 1.85 -19.00	52.96 1.79 -20.39	56.46 1.57 -26.93	57.72 1.58 -27.41	68.59 1.58 -39.25	98.23 1.84 -65.26	92.68 1.34 -67.50	69.52 1.40 -42.73	57.24 1.49 -27.19	56.61 1.38 -28.75	53.66 1.30 -26.92	50.80 1.39 -23.26
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	46.54 2.08 -15.12	42.22 1.94 -12.21	38.79 1.89 -9.43	38.62 1.84 -9.26	38.62 1.82 -9.30	43.56 2.43 -4.92	65.20 3.72 -8.28	75.11 4.33 -13.82	65.75 3.45 -16.85	59.59 2.85 -17.22	55.01 2.51 -16.57	53.59 2.47 -17.32	52.83 2.23 -19.69	54.04 2.12 -21.13	57.72 1.85 -27.91	59.00 1.87 -28.41	70.37 1.94 -40.67	101.00 2.24 -67.63	95.44 1.65 -69.95	71.41 1.73 -44.28	58.48 1.74 -28.18	57.87 1.59 -29.80	54.84 1.50 -27.90	51.84 1.60 -24.09
W50THST__13_KV_LOAD 356117	46.66 2.20 -15.12	42.36 2.08 -12.21	38.90 2.00 -9.43	38.76 1.98 -9.26	38.76 1.95 -9.30	43.75 2.61 -4.92	65.51 4.04 -8.28	75.45 4.67 -13.82	66.07 3.77 -16.85	59.86 3.12 -17.22	55.26 2.77 -16.57	53.79 2.67 -17.32	53.02 2.41 -19.69	54.26 2.34 -21.13	57.91 2.04 -27.91	59.20 2.07 -28.41	70.57 2.14 -40.67	101.19 2.43 -67.63	95.58 1.79 -69.95	71.56 1.88 -44.28	58.65 1.91 -28.18	58.00 1.72 -29.80	54.97 1.63 -27.90	51.97 1.73 -24.09
WADING RIVER_IC_1 23522	55.53 3.96 -22.24	52.54 3.71 -20.76	43.14 3.49 -12.19	47.77 3.47 -16.80	47.92 3.41 -17.01	55.79 4.74 -14.83	85.88 7.23 -25.46	95.76 7.80 -31.00	73.53 6.09 -21.98	61.48 4.74 -17.22	56.77 4.27 -16.57	55.15 4.02 -17.33	54.13 3.52 -19.69	55.45 3.54 -21.13	59.26 3.38 -27.92	73.96 3.45 -41.79	104.72 3.66 -73.30	116.02 4.14 -80.75	114.03 3.10 -87.09	108.56 3.25 -79.91	90.01 3.57 -57.89	88.59 3.20 -58.91	61.91 2.98 -33.49	53.43 3.16 -24.11
WADING RIVER_IC_2 23547	55.53 3.96 -22.24	52.54 3.71 -20.76	43.14 3.49 -12.19	47.77 3.47 -16.80	47.92 3.41 -17.01	55.79 4.74 -14.83	85.88 7.23 -25.46	95.76 7.80 -31.00	73.53 6.09 -21.98	61.48 4.74 -17.22	56.77 4.27 -16.57	55.15 4.02 -17.33	54.13 3.52 -19.69	55.45 3.54 -21.13	59.26 3.38 -27.92	73.96 3.45 -41.79	104.72 3.66 -73.30	116.02 4.14 -80.75	114.03 3.10 -87.09	108.56 3.25 -79.91	90.01 3.57 -57.89	88.59 3.20 -58.91	61.91 2.98 -33.49	53.43 3.16 -24.11
WADING RIVER_IC_3 23601	55.53 3.96 -22.24	52.54 3.71 -20.76	43.14 3.49 -12.19	47.77 3.47 -16.80	47.92 3.41 -17.01	55.79 4.74 -14.83	85.88 7.23 -25.46	95.76 7.80 -31.00	73.53 6.09 -21.98	61.48 4.74 -17.22	56.77 4.27 -16.57	55.15 4.02 -17.33	54.13 3.52 -19.69	55.45 3.54 -21.13	59.26 3.38 -27.92	73.96 3.45 -41.79	104.72 3.66 -73.30	116.02 4.14 -80.75	114.03 3.10 -87.09	108.56 3.25 -79.91	90.01 3.57 -57.89	88.59 3.20 -58.91	61.91 2.98 -33.49	53.43 3.16 -24.11
WALDENNY_12_KV_BK2 80841	32.06 -0.94 -3.66	29.85 -1.18 -2.96	28.45 -1.29 -2.28	28.30 -1.46 -2.24	28.22 -1.54 -2.25	35.82 -1.59 -1.19	52.16 -3.03 -2.00	55.99 -3.93 -2.96	46.10 -2.95 -3.60	40.79 -2.41 -3.68	37.36 -2.12 -3.55	35.94 -1.86 -4.00	34.07 -1.61 -4.77	34.33 -1.57 -5.11	33.26 -1.45 -6.76	34.08 -1.52 -6.88	34.85 -1.67 -8.76	44.26 -1.56 -14.69	37.62 -1.34 -15.11	33.54 -1.42 -9.57	33.17 -1.49 -6.09	31.30 -1.62 -6.44	30.75 -1.45 -6.75	30.62 -1.28 -5.74
WALDEN__HYDRO 24148	45.93 1.85 -14.74	41.69 1.71 -11.90	38.31 1.65 -9.20	38.17 1.62 -9.03	38.19 1.62 -9.06	43.16 2.14 -4.81	64.56 3.30 -8.07	74.02 3.59 -13.47	64.60 2.73 -16.42	58.55 2.25 -16.78	53.98 1.90 -16.14	52.50 1.82 -16.88	51.77 1.67 -19.19	52.98 1.60 -20.59	56.61 1.45 -27.20	58.04 1.49 -27.82	69.13 1.53 -39.85	99.26 1.87 -66.26	93.77 1.41 -68.52	70.19 1.42 -43.37	57.65 1.48 -27.60	57.07 1.40 -29.19	54.09 1.32 -27.32	51.05 1.39 -23.51
WARRENSBURG____ 23737	50.25 1.50 -19.42	45.25 1.49 -15.68	41.03 1.45 -12.12	40.90 1.48 -11.90	40.99 1.54 -11.94	46.39 2.14 -8.04	67.89 4.10 -10.61	78.71 4.04 -17.70	70.26 3.23 -21.59	63.79 2.21 -22.06	58.81 1.65 -21.22	57.37 1.39 -22.19	57.34 1.20 -25.23	59.09 1.23 -27.07	64.98 1.26 -35.75	66.49 1.35 -36.41	81.46 1.39 -52.32	119.70 1.59 -86.99	114.99 1.19 -89.96	83.67 1.32 -56.95	66.20 1.40 -36.24	65.94 1.14 -38.32	62.34 1.02 -35.88	57.99 0.97 -30.86

WATERSIDE___6 8 9 23538	46.66 2.20 -15.12	42.37 2.08 -12.21	38.90 2.00 -9.44	38.73 1.95 -9.26	38.73 1.93 -9.30	43.60 2.46 -4.92	65.14 3.67 -8.28	75.11 4.33 -13.82	65.71 3.41 -16.85	59.55 2.81 -17.22	54.98 2.48 -16.57	53.56 2.43 -17.32	52.80 2.19 -19.70	54.01 2.09 -21.14	57.69 1.82 -27.91	58.95 1.81 -28.41	70.35 1.92 -40.68	100.95 2.18 -67.64	95.40 1.60 -69.96	71.36 1.68 -44.29	58.43 1.69 -28.18	57.79 1.51 -29.80	54.82 1.48 -27.90	51.90 1.65 -24.09
WATKINRD_115KV_LN8_ILLION 55919	30.23 0.50 -0.39	28.90 0.51 -0.32	28.20 0.49 -0.24	28.27 0.52 -0.24	28.27 0.52 -0.24	37.07 0.76 -0.10	54.63 1.22 -0.21	58.57 1.25 -0.36	46.89 1.00 -0.44	40.76 0.79 -0.44	37.07 0.72 -0.43	34.92 0.68 -0.45	32.01 0.59 -0.51	31.91 0.58 -0.55	29.21 0.53 -0.72	30.06 0.60 -0.73	29.39 0.58 -1.05	33.53 0.65 -1.75	26.15 0.50 -1.81	27.08 0.53 -1.15	29.86 0.57 -0.73	27.73 0.48 -0.77	26.63 0.46 -0.72	27.24 0.47 -0.61
WATSON___69_KV_BK 1 55734	55.27 3.81 -22.12	52.29 3.59 -20.62	43.29 3.51 -12.32	47.73 3.47 -16.75	47.86 3.44 -16.92	55.47 4.60 -14.66	85.33 6.97 -25.17	95.27 7.58 -30.73	73.27 5.91 -21.91	61.33 4.58 -17.23	56.78 4.28 -16.57	55.18 4.06 -17.33	54.23 3.62 -19.70	55.46 3.54 -21.14	59.10 3.22 -27.92	73.72 3.30 -41.70	104.35 3.44 -73.15	115.56 3.92 -80.50	113.65 2.96 -86.85	108.33 3.17 -79.76	89.77 3.43 -57.79	88.38 3.10 -58.81	61.78 3.05 -33.28	53.43 3.17 -24.10
WDELAWARE___HYD 323627	44.04 1.23 -13.47	40.10 1.15 -10.88	36.91 1.04 -8.40	36.81 1.05 -8.25	36.81 1.02 -8.28	41.99 1.34 -4.43	62.80 2.23 -7.37	71.71 2.45 -12.30	62.27 1.82 -15.00	56.27 1.42 -15.33	51.79 1.11 -14.75	50.23 1.01 -15.42	49.34 0.90 -17.53	50.46 0.86 -18.81	53.62 0.81 -24.84	54.76 0.00 -26.04	65.20 0.14 -37.30	93.46 0.31 -62.02	88.22 0.24 -64.14	66.15 0.15 -40.60	54.45 0.06 -25.84	54.59 0.79 -27.32	51.76 0.74 -25.58	48.95 0.78 -22.00
WEST BABYLON___IC 23714	54.76 3.55 -21.88	51.75 3.34 -20.33	43.31 3.27 -12.58	47.42 3.25 -16.67	47.44 3.19 -16.74	54.81 4.27 -14.33	84.27 6.49 -24.59	94.10 6.95 -30.19	72.65 5.45 -21.75	60.98 4.23 -17.23	56.42 3.92 -16.57	54.84 3.72 -17.33	53.95 3.34 -19.70	55.16 3.23 -21.14	58.82 2.94 -27.92	73.41 2.99 -41.70	103.98 3.08 -73.15	115.15 3.52 -80.50	113.36 2.67 -86.85	108.00 2.84 -79.76	89.40 3.06 -57.78	88.12 2.83 -58.80	61.33 2.82 -33.06	53.19 2.93 -24.10
WEST CANADA___HYD 24049	29.88 0.15 -0.39	28.53 0.14 -0.32	27.84 0.14 -0.24	27.89 0.14 -0.24	27.89 0.14 -0.24	36.53 0.22 -0.10	53.78 0.37 -0.21	57.66 0.34 -0.36	46.16 0.27 -0.44	40.16 0.20 -0.45	36.54 0.18 -0.43	34.42 0.17 -0.45	31.55 0.12 -0.51	31.49 0.15 -0.55	28.80 0.11 -0.72	29.60 0.14 -0.73	28.93 0.14 -1.04	33.01 0.16 -1.73	25.74 0.12 -1.78	26.65 0.13 -1.13	29.42 0.14 -0.72	27.34 0.11 -0.76	26.26 0.10 -0.71	26.88 0.11 -0.61
WESTERN_NY_WIND 24143	32.17 -0.56 -3.39	30.03 -0.79 -2.74	28.67 -0.91 -2.11	28.54 -1.05 -2.08	28.46 -1.13 -2.08	36.38 -0.94 -1.10	53.29 -1.76 -1.86	57.41 -2.39 -2.84	47.19 -1.73 -3.46	41.68 -1.38 -3.54	38.08 -1.26 -3.41	36.57 -0.98 -3.75	34.49 -0.83 -4.41	34.72 -0.80 -4.74	33.38 -0.84 -6.26	34.23 -0.86 -6.37	35.15 -1.00 -8.39	44.45 -0.72 -14.04	37.62 -0.69 -14.47	33.82 -0.74 -9.16	33.59 -0.80 -5.83	31.64 -1.01 -6.17	30.81 -0.89 -6.25	30.67 -0.81 -5.32
WESTOVER___LESR 323668	35.64 0.32 -5.98	33.13 0.22 -4.83	31.33 0.14 -3.73	31.29 0.11 -3.67	31.24 0.06 -3.68	38.44 0.25 -1.97	56.79 0.32 -3.28	62.71 0.34 -5.41	52.32 0.27 -6.60	46.50 0.24 -6.74	42.63 0.22 -6.49	40.89 0.27 -6.83	38.95 0.25 -7.79	39.39 0.25 -8.36	39.20 0.20 -11.05	40.14 0.17 -11.25	43.80 0.11 -15.94	57.87 0.22 -26.52	51.43 0.17 -27.42	42.99 0.23 -17.36	39.92 0.31 -11.05	38.35 0.19 -11.68	36.64 0.15 -11.04	35.73 0.21 -9.36
WETHRSFD_WT_PWR 323626	32.48 -0.88 -4.02	30.34 -0.98 -3.25	28.87 -1.10 -2.51	28.74 -1.24 -2.46	28.66 -1.32 -2.47	36.08 -1.45 -1.31	52.62 -2.77 -2.20	56.80 -3.53 -3.37	46.92 -2.64 -4.11	41.43 -2.29 -4.20	37.96 -2.01 -4.04	36.43 -1.83 -4.45	34.51 -1.64 -5.23	34.83 -1.57 -5.62	34.01 -1.37 -7.42	34.65 -1.55 -7.48	35.88 -1.69 -9.82	45.81 -1.74 -16.43	39.29 -1.46 -16.90	34.55 -1.55 -10.70	33.89 -1.49 -6.81	32.14 -1.54 -7.20	31.42 -1.35 -7.32	31.26 -1.20 -6.30
WHAVSTOR_138KV_BK127 55557	45.64 1.70 -14.60	41.47 1.60 -11.80	38.14 1.57 -9.11	38.00 1.54 -8.95	38.00 1.51 -8.98	42.97 1.99 -4.76	64.22 3.03 -8.00	73.84 3.53 -13.35	64.50 2.77 -16.28	58.37 2.21 -16.64	53.91 1.98 -16.01	52.46 1.93 -16.73	51.67 1.73 -19.02	52.86 1.66 -20.42	56.38 1.45 -26.96	57.63 1.46 -27.44	68.49 1.44 -39.29	98.15 1.68 -65.33	92.66 1.24 -67.58	69.47 1.30 -42.78	57.15 1.37 -27.22	56.51 1.24 -28.79	53.59 1.20 -26.95	50.72 1.28 -23.28
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	45.64 1.70 -14.60	41.47 1.60 -11.80	38.14 1.57 -9.11	38.00 1.54 -8.95	38.00 1.51 -8.98	42.97 1.99 -4.76	64.22 3.03 -8.00	73.84 3.53 -13.35	64.50 2.77 -16.28	58.37 2.21 -16.64	53.91 1.98 -16.01	52.46 1.93 -16.73	51.67 1.73 -19.02	52.86 1.66 -20.42	56.38 1.45 -26.96	57.63 1.46 -27.44	68.49 1.44 -39.29	98.15 1.68 -65.33	92.66 1.24 -67.58	69.47 1.30 -42.78	57.15 1.37 -27.22	56.51 1.24 -28.79	53.59 1.20 -26.95	50.72 1.28 -23.28
WHITEHAL_115KV_TB1 80871	51.22 2.49 -19.39	46.15 2.41 -15.66	41.92 2.36 -12.10	41.79 2.39 -11.88	41.91 2.48 -11.93	47.63 3.40 -8.01	69.88 6.06 -10.62	80.67 5.98 -17.73	71.66 4.59 -21.62	64.97 3.36 -22.09	59.77 2.59 -21.25	58.28 2.26 -22.22	58.18 2.01 -25.26	59.96 2.06 -27.11	65.81 2.04 -35.80	67.25 2.15 -36.37	82.13 2.30 -52.07	120.39 2.68 -86.59	115.40 2.00 -89.56	84.33 2.24 -56.69	67.04 2.40 -36.08	66.59 1.96 -38.15	62.92 1.76 -35.72	58.66 1.67 -30.83
WHITEPLN_13_KV_LOAD 356215	46.63 2.20 -15.09	42.34 2.08 -12.19	38.91 2.03 -9.42	38.77 2.01 -9.25	38.74 1.95 -9.28	43.81 2.68 -4.91	65.71 4.26 -8.26	75.71 4.96 -13.79	66.27 4.00 -16.82	59.99 3.28 -17.19	55.38 2.91 -16.54	53.89 2.81 -17.29	53.10 2.53 -19.66	54.34 2.46 -21.09	58.00 2.18 -27.86	59.32 2.24 -28.36	70.63 2.28 -40.60	101.25 2.61 -67.50	95.59 1.93 -69.82	71.63 2.03 -44.20	58.80 2.11 -28.13	58.13 1.91 -29.74	55.07 1.78 -27.84	52.09 1.88 -24.04
WM_FLOYD_69_KV_BK2 356380	55.35 3.78 -22.23	52.39 3.57 -20.75	43.12 3.46 -12.20	47.74 3.44 -16.79	47.92 3.41 -17.00	55.60 4.56 -14.82	85.55 6.91 -25.44	95.52 7.58 -30.99	73.30 5.86 -21.99	61.21 4.47 -17.23	56.67 4.17 -16.57	55.08 3.95 -17.33	54.11 3.49 -19.70	55.40 3.48 -21.14	59.01 3.13 -27.92	73.70 3.27 -41.70	104.37 3.47 -73.15	115.52 3.89 -80.50	113.60 2.91 -86.85	108.28 3.12 -79.76	89.75 3.40 -57.79	88.33 3.04 -58.81	61.80 2.98 -33.38	53.37 3.11 -24.10
WOODARD___115KV_TB2 355635	31.80 -0.23 -2.70	30.00 -0.25 -2.18	28.84 -0.30 -1.69	28.84 -0.33 -1.65	28.81 -0.36 -1.66	36.66 -0.43 -0.88	53.98 -0.69 -1.48	58.75 -0.68 -2.47	47.96 -0.50 -3.01	42.24 -0.36 -3.08	38.56 -0.32 -2.96	36.66 -0.24 -3.09	34.28 -0.15 -3.52	34.37 -0.18 -3.77	32.78 -0.17 -4.99	33.63 -0.17 -5.08	34.80 -0.22 -7.27	42.81 -0.40 -12.08	36.06 -0.29 -12.50	33.06 -0.25 -7.91	33.48 -0.11 -5.04	31.62 -0.19 -5.32	30.25 -0.18 -4.98	30.22 -0.18 -4.25

YORK____WARBASSE	46.75	42.39	38.96	38.76	38.76	43.60	65.04	75.00	65.67	59.51	54.94	53.52	52.77	53.98	57.67	58.92	70.38	100.98	95.47	71.41	58.43	57.76	54.77	51.90
23770	2.29	2.11	2.06	1.98	1.95	2.46	3.56	4.22	3.36	2.77	2.44	2.40	2.16	2.06	1.79	1.78	1.94	2.21	1.67	1.73	1.69	1.48	1.42	1.65
	-15.12	-12.21	-9.44	-9.26	-9.30	-4.92	-8.28	-13.82	-16.85	-17.22	-16.57	-17.32	-19.70	-21.14	-27.91	-28.41	-40.68	-67.64	-69.96	-44.29	-28.18	-29.80	-27.90	-24.09