

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/25/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	42.39	44.33	47.43	44.30	42.28	39.47	72.54	64.93	43.45	36.27	40.55	43.18	43.13	43.18	44.70	47.12	55.19	61.37	75.00	73.41	80.76	81.74	56.84	50.74
24138	1.70	1.53	1.78	1.62	1.49	1.40	2.86	2.66	1.74	1.32	1.58	1.66	1.68	1.71	2.04	2.20	2.65	2.92	2.95	2.83	3.22	3.08	2.05	1.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	42.54	44.50	47.59	44.43	42.42	39.59	72.72	65.07	43.52	36.33	40.66	43.30	43.25	43.30	44.84	47.26	55.37	61.55	75.22	73.66	80.97	81.97	57.10	50.99
24260	1.85	1.70	1.94	1.75	1.63	1.51	3.04	2.80	1.81	1.38	1.68	1.78	1.80	1.83	2.19	2.35	2.83	3.09	3.17	3.09	3.43	3.30	2.31	1.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	42.54	44.50	47.59	44.43	42.42	39.59	72.72	65.07	43.52	36.33	40.66	43.30	43.25	43.30	44.84	47.26	55.37	61.55	75.22	73.66	80.97	81.97	57.10	50.99
24261	1.85	1.70	1.94	1.75	1.63	1.51	3.04	2.80	1.81	1.38	1.68	1.78	1.80	1.83	2.19	2.35	2.83	3.09	3.17	3.09	3.43	3.30	2.31	1.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	44.26	46.66	49.87	46.79	44.78	41.77	77.05	73.10	46.16	38.40	42.47	45.04	45.13	45.23	46.70	49.35	57.90	64.78	79.64	77.85	85.28	86.44	59.89	53.45
24011	3.57	3.86	4.22	4.10	3.99	3.69	7.37	6.66	4.45	3.45	3.50	3.51	3.68	3.77	4.04	4.44	5.36	6.32	7.58	7.27	7.74	7.78	5.10	4.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	44.46	46.94	50.20	47.14	45.15	42.10	77.76	73.74	46.61	38.77	42.88	45.42	45.56	45.61	47.09	49.80	58.49	65.48	80.50	78.67	86.14	87.29	60.42	53.89
23798	3.77	4.14	4.55	4.45	4.36	4.03	8.07	7.28	4.90	3.83	3.91	3.90	4.11	4.14	4.43	4.89	5.94	7.02	8.45	8.10	8.61	8.62	5.62	4.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	44.26	46.66	49.87	46.79	44.78	41.77	77.05	73.10	46.16	38.40	42.47	45.04	45.13	45.23	46.70	49.35	57.90	64.78	79.64	77.85	85.28	86.44	59.89	53.45
24028	3.57	3.86	4.22	4.10	3.99	3.69	7.37	6.66	4.45	3.45	3.50	3.51	3.68	3.77	4.04	4.44	5.36	6.32	7.58	7.27	7.74	7.78	5.10	4.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	43.26	45.31	48.38	45.33	43.38	40.38	73.86	69.00	44.22	36.96	40.98	43.45	43.35	43.39	44.86	47.32	55.34	61.86	75.93	74.34	81.76	83.03	57.63	51.40
23527	2.56	2.51	2.73	2.65	2.59	2.31	4.18	3.73	2.51	2.01	2.00	1.92	1.89	1.92	2.20	2.41	2.80	3.40	3.88	3.77	4.22	4.36	2.84	2.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	41.81	43.90	46.86	43.82	41.84	38.93	71.23	65.52	42.59	35.54	39.41	41.85	41.82	41.88	43.17	45.24	53.07	59.12	72.57	71.14	78.14	79.23	55.25	49.65
24190	1.12	1.10	1.21	1.14	1.05	0.86	1.55	1.37	0.88	0.59	0.43	0.32	0.37	0.41	0.51	0.33	0.53	0.66	0.52	0.57	0.60	0.56	0.45	0.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	41.51	43.76	46.66	43.59	41.65	38.88	71.23	63.44	42.49	35.65	39.85	42.57	42.55	42.56	43.52	45.74	53.47	59.49	73.74	72.06	79.27	80.66	56.25	50.42
355683	0.81	0.96	1.01	0.91	0.86	0.80	1.55	1.63	0.78	0.70	0.87	1.05	1.10	1.09	0.86	0.83	0.93	1.03	1.69	1.49	1.73	2.00	1.45	1.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	42.32	44.48	47.46	44.40	42.42	39.48	72.20	65.70	43.04	35.61	39.69	42.14	42.06	42.24	43.64	46.03	53.96	60.19	73.93	72.47	79.58	80.71	56.28	50.43
323833	1.63	1.67	1.81	1.72	1.63	1.40	2.52	2.14	1.33	0.66	0.72	0.62	0.61	0.78	0.98	1.12	1.42	1.73	1.88	1.90	2.04	2.04	1.49	1.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	42.31	44.47	47.45	44.39	42.41	39.47	72.17	65.69	43.03	35.61	39.68	42.13	42.05	42.24	43.64	46.02	53.95	60.17	73.91	72.44	79.58	80.68	56.26	50.42
323834	1.62	1.66	1.80	1.71	1.61	1.39	2.49	2.13	1.32	0.66	0.71	0.61	0.60	0.78	0.98	1.11	1.41	1.71	1.86	1.87	2.04	2.01	1.47	1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	41.81	43.90	46.86	43.82	41.84	38.93	71.23	65.52	42.59	35.54	39.41	41.85	41.82	41.88	43.17	45.24	53.07	59.12	72.57	71.14	78.14	79.23	55.25	49.65
23571	1.12	1.10	1.21	1.14	1.05	0.86	1.55	1.37	0.88	0.59	0.43	0.32	0.37	0.41	0.51	0.33	0.53	0.66	0.52	0.57	0.60	0.56	0.45	0.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	41.81 1.12 0.00	43.90 1.10 0.00	46.86 1.21 0.00	43.82 1.14 0.00	41.84 1.05 0.00	38.93 0.86 0.00	71.23 1.55 0.00	65.52 1.37 -2.34	42.59 0.88 0.00	35.54 0.59 0.00	39.41 0.43 0.00	41.85 0.32 0.00	41.82 0.37 0.00	41.88 0.41 0.00	43.17 0.51 0.00	45.24 0.33 0.00	53.07 0.53 0.00	59.12 0.66 0.00	72.57 0.52 0.00	71.14 0.57 0.00	78.14 0.60 0.00	79.23 0.56 0.00	55.25 0.45 0.00	49.65 0.64 0.00
ALBANY___3 23573	41.81 1.12 0.00	43.90 1.10 0.00	46.86 1.21 0.00	43.82 1.14 0.00	41.84 1.05 0.00	38.93 0.86 0.00	71.23 1.55 0.00	65.52 1.37 -2.34	42.59 0.88 0.00	35.54 0.59 0.00	39.41 0.43 0.00	41.85 0.32 0.00	41.82 0.37 0.00	41.88 0.41 0.00	43.17 0.51 0.00	45.24 0.33 0.00	53.07 0.53 0.00	59.12 0.66 0.00	72.57 0.52 0.00	71.14 0.57 0.00	78.14 0.60 0.00	79.23 0.56 0.00	55.25 0.45 0.00	49.65 0.64 0.00
ALBANY___4 23574	41.81 1.12 0.00	43.90 1.10 0.00	46.86 1.21 0.00	43.82 1.14 0.00	41.84 1.05 0.00	38.93 0.86 0.00	71.23 1.55 0.00	65.52 1.37 -2.34	42.59 0.88 0.00	35.54 0.59 0.00	39.41 0.43 0.00	41.85 0.32 0.00	41.82 0.37 0.00	41.88 0.41 0.00	43.17 0.51 0.00	45.24 0.33 0.00	53.07 0.53 0.00	59.12 0.66 0.00	72.57 0.52 0.00	71.14 0.57 0.00	78.14 0.60 0.00	79.23 0.56 0.00	55.25 0.45 0.00	49.65 0.64 0.00
ALBANY___LFGE 323615	42.10 1.41 0.00	44.21 1.41 0.00	47.18 1.53 0.00	44.13 1.45 0.00	42.14 1.35 0.00	39.23 1.15 0.00	71.78 2.09 0.00	66.89 1.89 -3.19	42.94 1.23 0.00	35.84 0.89 0.00	39.76 0.78 0.00	42.23 0.71 0.00	42.22 0.76 0.00	42.28 0.81 0.00	43.60 0.94 0.00	45.74 0.83 0.00	53.65 1.10 0.00	59.77 1.31 0.00	73.36 1.30 0.00	71.88 1.31 0.00	78.93 1.39 0.00	80.02 1.35 0.00	55.77 0.97 0.00	50.05 1.05 0.00
ALCOA_PA_115KV_PL-6C 55860	41.86 1.17 0.00	44.15 1.35 0.00	47.06 1.41 0.00	43.96 1.28 0.00	41.98 1.19 0.00	39.13 1.06 0.00	71.57 1.89 0.00	63.38 1.57 0.00	42.67 0.96 0.00	35.80 0.85 0.00	40.01 1.04 0.00	42.77 1.25 0.00	42.79 1.33 0.00	42.81 1.34 0.00	43.86 1.20 0.00	46.30 1.39 0.00	54.03 1.49 0.00	60.02 1.56 0.00	74.39 2.34 0.00	72.74 2.16 0.00	80.05 2.51 0.00	81.43 2.76 0.00	56.78 1.99 0.00	50.89 1.88 0.00
ALCOA_RYNLDS___DRP 24188	41.86 1.17 0.00	44.15 1.35 0.00	47.06 1.41 0.00	43.96 1.28 0.00	41.98 1.19 0.00	39.13 1.06 0.00	71.57 1.89 0.00	63.38 1.57 0.00	42.67 0.96 0.00	35.80 0.85 0.00	40.01 1.04 0.00	42.77 1.25 0.00	42.79 1.33 0.00	42.81 1.34 0.00	43.86 1.20 0.00	46.30 1.39 0.00	54.03 1.49 0.00	60.02 1.56 0.00	74.39 2.34 0.00	72.74 2.16 0.00	80.05 2.51 0.00	81.43 2.76 0.00	56.78 1.99 0.00	50.89 1.88 0.00
ALCOA___DSASP 323711	41.86 1.17 0.00	44.15 1.35 0.00	47.06 1.41 0.00	43.96 1.28 0.00	41.98 1.19 0.00	39.13 1.06 0.00	71.57 1.88 0.00	63.38 1.58 0.00	42.67 0.96 0.00	35.80 0.85 0.00	40.01 1.04 0.00	42.77 1.25 0.00	42.79 1.33 0.00	42.81 1.34 0.00	43.86 1.20 0.00	46.30 1.39 0.00	54.03 1.49 0.00	60.02 1.56 0.00	74.39 2.34 0.00	72.74 2.17 0.00	80.05 2.51 0.00	81.43 2.76 0.00	56.78 1.99 0.00	50.89 1.88 0.00
ALLEGHENY___COGEN 23514	37.75 -2.01 0.94	37.95 -1.90 2.95	43.21 -2.11 0.33	40.94 -1.74 0.00	37.88 -1.60 1.31	34.28 -1.31 2.48	57.87 -1.76 10.05	56.79 -1.58 3.45	37.32 -0.77 3.62	33.74 -0.69 0.52	38.32 -0.66 0.00	40.89 -0.63 0.00	40.40 -1.05 0.00	40.58 -1.58 -0.69	38.46 -2.04 2.16	42.01 -1.89 1.01	46.67 -2.10 3.77	43.15 -1.61 13.69	57.12 -1.28 13.66	60.36 -1.15 9.07	73.24 -1.66 2.64	73.17 -1.87 3.63	53.87 -0.92 0.00	48.29 -0.72 0.00
ALTAMONT_115KV_TB 2 55880	41.81 1.12 0.00	43.92 1.12 0.00	46.87 1.22 0.00	43.83 1.15 0.00	41.85 1.06 0.00	38.98 0.90 0.00	71.36 1.68 0.00	65.24 1.50 -1.94	42.68 0.97 0.00	35.64 0.69 0.00	39.65 0.68 0.00	42.16 0.63 0.00	42.10 0.65 0.00	42.17 0.70 0.00	43.52 0.86 0.00	45.79 0.88 0.00	53.65 1.11 0.00	59.73 1.27 0.00	73.34 1.29 0.00	71.88 1.31 0.00	78.98 1.44 0.00	80.12 1.45 0.00	55.78 0.99 0.00	49.91 0.90 0.00
ALTONA_WT_PWR 323606	40.62 -0.08 0.00	42.96 0.16 0.00	46.10 0.45 0.00	42.69 0.01 0.00	41.05 0.26 0.00	38.70 0.63 0.00	71.93 2.25 0.00	63.87 2.06 0.00	43.30 1.59 0.00	36.52 1.57 0.00	40.52 1.55 0.00	43.50 1.98 0.00	43.50 2.05 0.00	43.51 2.04 0.00	44.76 2.10 0.00	47.25 2.33 0.00	55.01 2.47 0.00	60.58 2.12 0.00	74.51 2.45 0.00	72.34 1.77 0.00	80.26 2.72 0.00	81.47 2.81 0.00	56.50 1.71 0.00	51.01 2.01 0.00
AMERICAN_REF_FUEL 24010	34.17 -5.40 1.13	35.64 -5.32 1.84	39.57 -5.87 0.21	37.37 -5.31 0.00	34.75 -5.23 0.80	31.64 -4.89 1.55	54.62 -8.92 6.14	51.25 -8.45 2.11	34.25 -5.25 2.21	26.25 -4.15 4.55	34.87 -4.11 0.00	37.45 -4.07 0.00	36.72 -4.73 0.00	36.25 -4.99 0.22	35.24 -5.35 2.08	38.19 -6.09 0.63	43.24 -6.94 2.36	42.35 -7.58 8.54	54.85 -8.65 8.55	56.53 -8.42 5.62	66.25 -9.65 1.64	66.60 -9.80 2.27	48.88 -5.91 0.00	44.18 -4.82 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	34.93 -4.39 1.37	36.26 -4.25 2.29	40.85 -4.54 0.26	38.71 -3.98 0.00	36.02 -3.76 1.02	32.80 -3.35 1.93	56.08 -5.82 7.78	53.79 -5.35 2.67	35.59 -3.31 2.80	26.59 -2.57 5.79	36.32 -2.66 0.00	39.24 -2.29 0.00	38.14 -3.31 0.00	37.23 -4.01 0.23	35.96 -4.12 2.59	40.12 -4.01 0.79	45.37 -4.22 2.95	42.64 -5.12 10.70	55.21 -6.18 10.65	58.27 -5.29 7.01	70.22 -5.27 2.04	70.35 -5.49 2.83	51.67 -3.13 0.00	46.53 -2.48 0.00
ARTHUR KILL_GT_1 23520	65.03 1.70 -22.64	65.00 1.56 -20.64	64.91 1.82 -17.43	64.50 1.62 -20.19	64.51 1.50 -22.22	64.73 1.44 -25.22	74.85 2.68 -2.49	65.88 2.39 -1.68	65.78 1.66 -22.41	86.01 1.27 -49.79	64.43 1.55 -23.91	59.55 1.57 -16.47	83.72 1.67 -40.59	59.60 1.71 -16.43	66.78 2.05 -22.07	59.88 2.18 -12.79	59.15 2.63 -3.98	62.04 2.83 -0.75	74.87 2.81 -0.01	73.33 2.75 -0.01	81.87 3.04 -1.30	121.86 3.13 -40.06	120.97 2.35 -63.83	98.13 2.09 -47.04
ARTHUR_KILL_2 23512	64.93 1.59 -22.64	64.89 1.44 -20.64	64.77 1.69 -17.43	64.37 1.49 -20.19	64.41 1.39 -22.22	64.62 1.32 -25.22	74.65 2.47 -2.49	65.70 2.21 -1.68	65.66 1.53 -22.41	85.92 1.18 -49.79	64.34 1.45 -23.91	59.45 1.46 -16.47	83.61 1.56 -40.59	59.49 1.60 -16.43	66.66 1.93 -22.07	59.75 2.05 -12.79	58.99 2.47 -3.98	61.86 2.65 -0.75	74.64 2.58 -0.01	73.06 2.49 -0.01	81.60 2.77 -1.30	121.60 2.87 -40.06	120.81 2.18 -63.83	97.97 1.93 -47.04
ARTHUR_KILL_3 23513	65.84 1.35 -23.80	65.66 1.16 -21.70	65.37 1.40 -18.32	65.17 1.26 -21.23	65.29 1.15 -23.36	65.66 1.07 -26.51	74.46 2.16 -2.62	65.57 2.02 -1.75	65.70 1.27 -22.72	63.35 0.91 -27.48	64.29 1.13 -24.18	59.16 1.18 -16.46	59.16 1.24 -16.47	59.16 1.28 -16.42	66.27 1.58 -22.03	59.35 1.70 -12.74	58.65 2.09 -4.02	61.47 2.26 -0.75	65.32 2.08 8.82	62.11 2.04 10.51	73.66 2.32 6.19	79.42 2.20 1.44	58.77 1.59 -2.39	58.80 1.36 -8.43

ARTHUR_KILL_COGEN 323718	65.03 1.70 -22.64	65.00 1.56 -20.64	64.91 1.82 -17.43	64.50 1.62 -20.19	64.51 1.50 -22.22	64.73 1.44 -25.22	74.85 2.68 -2.49	65.88 2.39 -1.68	65.78 1.66 -22.41	86.01 1.27 -49.79	64.43 1.55 -23.91	59.55 1.57 -16.47	83.72 1.67 -40.59	59.60 1.71 -16.43	66.78 2.05 -22.07	59.88 2.18 -12.79	59.15 2.63 -3.98	62.04 2.83 -0.75	74.87 2.81 -0.01	73.33 2.75 -0.01	81.87 3.04 -1.30	121.86 3.13 -40.06	120.97 2.35 -63.83	98.13 2.09 -47.04
ASHOKAN____ 23654	43.17 2.48 0.00	45.26 2.46 0.00	48.30 2.65 0.00	45.14 2.46 0.00	43.15 2.37 0.00	40.24 2.17 0.00	73.91 4.23 0.00	66.96 3.84 -1.32	44.23 2.52 0.00	36.57 1.62 0.00	40.78 1.81 0.00	42.89 1.37 0.00	42.84 1.39 0.00	43.06 1.59 0.00	44.66 2.00 0.00	47.16 2.25 0.00	55.52 2.98 0.00	61.93 3.47 0.00	76.16 4.10 0.00	74.66 4.09 0.00	81.95 4.41 0.00	82.98 4.31 0.00	57.75 2.95 0.00	51.52 2.51 0.00
ASTORIA_EAST_ENERGY_CC1 323581	42.39 1.69 0.00	44.34 1.54 0.00	47.45 1.80 0.00	44.28 1.60 0.00	42.23 1.44 0.00	39.40 1.33 0.00	72.28 2.60 0.00	64.73 2.46 -0.46	43.28 1.57 0.00	36.13 1.18 0.00	40.31 1.33 -0.01	42.91 1.38 -0.01	43.01 1.56 0.00	43.09 1.62 0.00	44.61 1.95 0.00	47.01 2.10 0.00	55.00 2.46 0.00	61.02 2.56 0.00	74.53 2.48 0.00	72.97 2.40 0.00	80.37 2.83 0.00	81.41 2.74 0.00	56.73 1.94 0.00	50.73 1.72 0.00
ASTORIA_EAST_ENERGY_CC2 323582	42.39 1.69 0.00	44.34 1.54 0.00	47.45 1.80 0.00	44.28 1.60 0.00	42.23 1.44 0.00	39.40 1.33 0.00	72.28 2.60 0.00	64.73 2.46 -0.46	43.28 1.57 0.00	36.13 1.18 0.00	40.31 1.33 -0.01	42.91 1.38 -0.01	43.01 1.56 0.00	43.09 1.62 0.00	44.61 1.95 0.00	47.01 2.10 0.00	55.00 2.46 0.00	61.02 2.56 0.00	74.53 2.48 0.00	72.97 2.40 0.00	80.37 2.83 0.00	81.41 2.74 0.00	56.73 1.94 0.00	50.73 1.72 0.00
ASTORIA_GT2_1 24094	42.41 1.72 0.00	44.35 1.55 0.00	47.48 1.83 0.00	44.28 1.60 0.00	42.26 1.47 0.00	39.42 1.34 0.00	72.34 2.66 0.00	64.77 2.50 -0.46	43.31 1.60 0.00	36.15 1.20 0.00	40.34 1.36 -0.01	42.94 1.41 -0.01	43.02 1.57 0.00	43.10 1.63 0.00	44.64 1.98 0.00	47.04 2.12 0.00	55.04 2.50 0.00	61.05 2.59 0.00	74.58 2.52 0.00	73.03 2.45 0.00	80.43 2.89 0.00	81.44 2.78 0.00	56.75 1.96 0.00	50.75 1.74 0.00
ASTORIA_GT2_2 24095	42.41 1.72 0.00	44.35 1.55 0.00	47.48 1.83 0.00	44.28 1.60 0.00	42.26 1.47 0.00	39.42 1.34 0.00	72.34 2.66 0.00	64.77 2.50 -0.46	43.31 1.60 0.00	36.15 1.20 0.00	40.34 1.36 -0.01	42.94 1.41 -0.01	43.02 1.57 0.00	43.10 1.63 0.00	44.64 1.98 0.00	47.04 2.12 0.00	55.04 2.50 0.00	61.05 2.59 0.00	74.58 2.52 0.00	73.03 2.45 0.00	80.43 2.89 0.00	81.44 2.78 0.00	56.75 1.96 0.00	50.75 1.74 0.00
ASTORIA_GT2_3 24096	42.41 1.72 0.00	44.35 1.55 0.00	47.48 1.83 0.00	44.28 1.60 0.00	42.26 1.47 0.00	39.42 1.34 0.00	72.34 2.66 0.00	64.77 2.50 -0.46	43.31 1.60 0.00	36.15 1.20 0.00	40.34 1.36 -0.01	42.94 1.41 -0.01	43.02 1.57 0.00	43.10 1.63 0.00	44.64 1.98 0.00	47.04 2.12 0.00	55.04 2.50 0.00	61.05 2.59 0.00	74.58 2.52 0.00	73.03 2.45 0.00	80.43 2.89 0.00	81.44 2.78 0.00	56.75 1.96 0.00	50.75 1.74 0.00
ASTORIA_GT2_4 24097	42.41 1.72 0.00	44.35 1.55 0.00	47.48 1.83 0.00	44.28 1.60 0.00	42.26 1.47 0.00	39.42 1.34 0.00	72.34 2.66 0.00	64.77 2.50 -0.46	43.31 1.60 0.00	36.15 1.20 0.00	40.34 1.36 -0.01	42.94 1.41 -0.01	43.02 1.57 0.00	43.10 1.63 0.00	44.64 1.98 0.00	47.04 2.12 0.00	55.04 2.50 0.00	61.05 2.59 0.00	74.58 2.52 0.00	73.03 2.45 0.00	80.43 2.89 0.00	81.44 2.78 0.00	56.75 1.96 0.00	50.75 1.74 0.00
ASTORIA_GT3_1 24098	42.41 1.72 0.00	44.35 1.55 0.00	47.48 1.83 0.00	44.28 1.60 0.00	42.26 1.47 0.00	39.42 1.34 0.00	72.34 2.66 0.00	64.77 2.50 -0.46	43.31 1.60 0.00	36.15 1.20 0.00	40.34 1.36 -0.01	42.94 1.41 -0.01	43.02 1.57 0.00	43.10 1.63 0.00	44.64 1.98 0.00	47.04 2.12 0.00	55.04 2.50 0.00	61.05 2.59 0.00	74.58 2.52 0.00	73.03 2.45 0.00	80.43 2.89 0.00	81.44 2.78 0.00	56.75 1.96 0.00	50.75 1.74 0.00
ASTORIA_GT3_2 24099	42.41 1.72 0.00	44.35 1.55 0.00	47.48 1.83 0.00	44.28 1.60 0.00	42.26 1.47 0.00	39.42 1.34 0.00	72.34 2.66 0.00	64.77 2.50 -0.46	43.31 1.60 0.00	36.15 1.20 0.00	40.34 1.36 -0.01	42.94 1.41 -0.01	43.02 1.57 0.00	43.10 1.63 0.00	44.64 1.98 0.00	47.04 2.12 0.00	55.04 2.50 0.00	61.05 2.59 0.00	74.58 2.52 0.00	73.03 2.45 0.00	80.43 2.89 0.00	81.44 2.78 0.00	56.75 1.96 0.00	50.75 1.74 0.00
ASTORIA_GT3_3 24100	42.41 1.72 0.00	44.35 1.55 0.00	47.48 1.83 0.00	44.28 1.60 0.00	42.26 1.47 0.00	39.42 1.34 0.00	72.34 2.66 0.00	64.77 2.50 -0.46	43.31 1.60 0.00	36.15 1.20 0.00	40.34 1.36 -0.01	42.94 1.41 -0.01	43.02 1.57 0.00	43.10 1.63 0.00	44.64 1.98 0.00	47.04 2.12 0.00	55.04 2.50 0.00	61.05 2.59 0.00	74.58 2.52 0.00	73.03 2.45 0.00	80.43 2.89 0.00	81.44 2.78 0.00	56.75 1.96 0.00	50.75 1.74 0.00
ASTORIA_GT3_4 24101	42.41 1.72 0.00	44.35 1.55 0.00	47.48 1.83 0.00	44.28 1.60 0.00	42.26 1.47 0.00	39.42 1.34 0.00	72.34 2.66 0.00	64.77 2.50 -0.46	43.31 1.60 0.00	36.15 1.20 0.00	40.34 1.36 -0.01	42.94 1.41 -0.01	43.02 1.57 0.00	43.10 1.63 0.00	44.64 1.98 0.00	47.04 2.12 0.00	55.04 2.50 0.00	61.05 2.59 0.00	74.58 2.52 0.00	73.03 2.45 0.00	80.43 2.89 0.00	81.44 2.78 0.00	56.75 1.96 0.00	50.75 1.74 0.00
ASTORIA_GT4_1 24102	42.41 1.72 0.00	44.35 1.55 0.00	47.48 1.83 0.00	44.28 1.60 0.00	42.26 1.47 0.00	39.42 1.34 0.00	72.34 2.66 0.00	64.77 2.50 -0.46	43.31 1.60 0.00	36.15 1.20 0.00	40.34 1.36 -0.01	42.94 1.41 -0.01	43.02 1.57 0.00	43.10 1.63 0.00	44.64 1.98 0.00	47.04 2.12 0.00	55.04 2.50 0.00	61.05 2.59 0.00	74.58 2.52 0.00	73.03 2.45 0.00	80.43 2.89 0.00	81.44 2.78 0.00	56.75 1.96 0.00	50.75 1.74 0.00
ASTORIA_GT4_2 24103	42.41 1.72 0.00	44.35 1.55 0.00	47.48 1.83 0.00	44.28 1.60 0.00	42.26 1.47 0.00	39.42 1.34 0.00	72.34 2.66 0.00	64.77 2.50 -0.46	43.31 1.60 0.00	36.15 1.20 0.00	40.34 1.36 -0.01	42.94 1.41 -0.01	43.02 1.57 0.00	43.10 1.63 0.00	44.64 1.98 0.00	47.04 2.12 0.00	55.04 2.50 0.00	61.05 2.59 0.00	74.58 2.52 0.00	73.03 2.45 0.00	80.43 2.89 0.00	81.44 2.78 0.00	56.75 1.96 0.00	50.75 1.74 0.00
ASTORIA_GT4_3 24104	42.41 1.72 0.00	44.35 1.55 0.00	47.48 1.83 0.00	44.28 1.60 0.00	42.26 1.47 0.00	39.42 1.34 0.00	72.34 2.66 0.00	64.77 2.50 -0.46	43.31 1.60 0.00	36.15 1.20 0.00	40.34 1.36 -0.01	42.94 1.41 -0.01	43.02 1.57 0.00	43.10 1.63 0.00	44.64 1.98 0.00	47.04 2.12 0.00	55.04 2.50 0.00	61.05 2.59 0.00	74.58 2.52 0.00	73.03 2.45 0.00	80.43 2.89 0.00	81.44 2.78 0.00	56.75 1.96 0.00	50.75 1.74 0.00

ASTORIA_GT4_4 24105	42.41 1.72 0.00	44.35 1.55 0.00	47.48 1.83 0.00	44.28 1.60 0.00	42.26 1.47 0.00	39.42 1.34 0.00	72.34 2.66 0.00	64.77 2.50 -0.46	43.31 1.60 0.00	36.15 1.20 0.00	40.34 1.36 -0.01	42.94 1.41 -0.01	43.02 1.57 0.00	43.10 1.63 0.00	44.64 1.98 0.00	47.04 2.12 0.00	55.04 2.50 0.00	61.05 2.59 0.00	74.58 2.52 0.00	73.03 2.45 0.00	80.43 2.89 0.00	81.44 2.78 0.00	56.75 1.96 0.00	50.75 1.74 0.00
ASTORIA_GT_1 23523	42.47 1.78 0.00	44.43 1.63 0.00	47.55 1.90 0.00	44.36 1.68 0.00	42.31 1.52 0.00	39.49 1.41 0.00	72.46 2.78 0.00	64.88 2.61 -0.46	43.39 1.68 0.00	36.23 1.28 0.00	40.42 1.44 -0.01	43.02 1.49 -0.01	43.11 1.66 0.00	43.19 1.72 0.00	44.72 2.06 0.00	47.12 2.21 0.00	55.14 2.60 0.00	61.17 2.71 0.00	74.72 2.67 0.00	73.16 2.59 0.00	80.58 3.04 0.00	81.60 2.93 0.00	56.86 2.06 0.00	50.83 1.82 0.00
ASTORIA_GT_10 24110	42.35 1.66 0.00	44.28 1.48 0.00	47.39 1.74 0.00	44.26 1.58 0.00	42.24 1.45 0.00	39.42 1.34 0.00	72.37 2.68 0.00	64.77 2.50 -0.46	43.34 1.63 0.00	36.17 1.22 0.00	40.95 1.55 -0.43	43.67 1.59 -0.57	43.06 1.60 0.00	43.11 1.64 0.00	44.66 2.00 0.00	47.06 2.15 0.00	55.11 2.57 0.00	61.22 2.76 0.00	74.80 2.75 0.00	73.23 2.66 0.00	80.51 2.97 0.00	81.57 2.90 0.00	56.84 2.04 0.00	50.80 1.79 0.00
ASTORIA_GT_11 24225	42.35 1.66 0.00	44.28 1.48 0.00	47.39 1.74 0.00	44.26 1.58 0.00	42.24 1.45 0.00	39.42 1.34 0.00	72.37 2.68 0.00	64.77 2.50 -0.46	43.34 1.63 0.00	36.17 1.22 0.00	40.95 1.55 -0.43	43.67 1.59 -0.57	43.06 1.60 0.00	43.11 1.64 0.00	44.66 2.00 0.00	47.06 2.15 0.00	55.11 2.57 0.00	61.22 2.76 0.00	74.80 2.75 0.00	73.23 2.66 0.00	80.51 2.97 0.00	81.57 2.90 0.00	56.84 2.04 0.00	50.80 1.79 0.00
ASTORIA_GT_12 24226	42.35 1.66 0.00	44.28 1.48 0.00	47.39 1.74 0.00	44.26 1.58 0.00	42.24 1.45 0.00	39.42 1.34 0.00	72.37 2.68 0.00	64.77 2.50 -0.46	43.34 1.63 0.00	36.17 1.22 0.00	40.95 1.55 -0.43	43.67 1.59 -0.57	43.06 1.60 0.00	43.11 1.64 0.00	44.66 2.00 0.00	47.06 2.15 0.00	55.11 2.57 0.00	61.22 2.76 0.00	74.80 2.75 0.00	73.23 2.66 0.00	80.51 2.97 0.00	81.57 2.90 0.00	56.84 2.04 0.00	50.80 1.79 0.00
ASTORIA_GT_13 24227	42.35 1.66 0.00	44.28 1.48 0.00	47.39 1.74 0.00	44.26 1.58 0.00	42.24 1.45 0.00	39.42 1.34 0.00	72.37 2.68 0.00	64.77 2.50 -0.46	43.34 1.63 0.00	36.17 1.22 0.00	40.95 1.55 -0.43	43.67 1.59 -0.57	43.06 1.60 0.00	43.11 1.64 0.00	44.66 2.00 0.00	47.06 2.15 0.00	55.11 2.57 0.00	61.22 2.76 0.00	74.80 2.75 0.00	73.23 2.66 0.00	80.51 2.97 0.00	81.57 2.90 0.00	56.84 2.04 0.00	50.80 1.79 0.00
ASTORIA_GT_5 24106	42.48 1.78 0.00	44.44 1.64 0.00	47.55 1.90 0.00	44.36 1.67 0.00	42.31 1.52 0.00	39.49 1.42 0.00	72.47 2.78 0.00	64.88 2.61 -0.46	43.40 1.68 0.00	36.22 1.27 0.00	40.42 1.44 -0.01	43.02 1.49 -0.01	43.10 1.64 0.00	43.17 1.70 0.00	44.73 2.07 0.00	47.12 2.21 0.00	55.15 2.61 0.00	61.16 2.70 0.00	74.72 2.67 0.00	73.16 2.59 0.00	80.59 3.05 0.00	81.60 2.93 0.00	56.86 2.07 0.00	50.84 1.83 0.00
ASTORIA_GT_7 24107	42.48 1.78 0.00	44.44 1.64 0.00	47.55 1.90 0.00	44.36 1.67 0.00	42.31 1.52 0.00	39.49 1.42 0.00	72.47 2.78 0.00	64.88 2.61 -0.46	43.40 1.68 0.00	36.22 1.27 0.00	40.42 1.44 -0.01	43.02 1.49 -0.01	43.10 1.64 0.00	43.17 1.70 0.00	44.73 2.07 0.00	47.12 2.21 0.00	55.15 2.61 0.00	61.16 2.70 0.00	74.72 2.67 0.00	73.16 2.59 0.00	80.59 3.05 0.00	81.60 2.93 0.00	56.86 2.07 0.00	50.84 1.83 0.00
ASTORIA_GT_8 24108	42.48 1.78 0.00	44.44 1.64 0.00	47.55 1.90 0.00	44.36 1.67 0.00	42.31 1.52 0.00	39.49 1.42 0.00	72.47 2.78 0.00	64.88 2.61 -0.46	43.40 1.68 0.00	36.22 1.27 0.00	40.42 1.44 -0.01	43.02 1.49 -0.01	43.10 1.64 0.00	43.17 1.70 0.00	44.73 2.07 0.00	47.12 2.21 0.00	55.15 2.61 0.00	61.16 2.70 0.00	74.72 2.67 0.00	73.16 2.59 0.00	80.59 3.05 0.00	81.60 2.93 0.00	56.86 2.07 0.00	50.84 1.83 0.00
ASTORIA___2 24149	42.41 1.71 0.00	44.35 1.55 0.00	47.47 1.82 0.00	44.28 1.60 0.00	42.26 1.47 0.00	39.42 1.35 0.00	72.34 2.65 0.00	64.77 2.50 -0.46	43.31 1.60 0.00	36.16 1.21 0.00	40.34 1.36 -0.01	42.94 1.40 -0.01	43.04 1.59 0.00	43.11 1.64 0.00	44.64 1.98 0.00	47.03 2.12 0.00	55.03 2.49 0.00	61.05 2.60 0.00	74.58 2.52 0.00	73.02 2.45 0.00	80.43 2.89 0.00	81.44 2.77 0.00	56.75 1.96 0.00	50.75 1.74 0.00
ASTORIA___3 23516	42.35 1.65 0.00	44.28 1.48 0.00	47.39 1.74 0.00	44.26 1.58 0.00	42.24 1.45 0.00	39.42 1.34 0.00	72.36 2.68 0.00	64.77 2.50 -0.46	43.34 1.63 0.00	36.18 1.23 0.00	40.95 1.55 -0.43	43.68 1.60 -0.57	43.08 1.62 0.00	43.13 1.66 0.00	44.65 1.99 0.00	47.06 2.14 0.00	55.11 2.57 0.00	61.21 2.76 0.00	74.80 2.74 0.00	73.23 2.66 0.00	80.49 2.95 0.00	81.57 2.90 0.00	56.83 2.04 0.00	50.80 1.79 0.00
ASTORIA___4 23517	42.35 1.66 0.00	44.28 1.48 0.00	47.39 1.74 0.00	44.26 1.58 0.00	42.24 1.45 0.00	39.42 1.34 0.00	72.37 2.68 0.00	64.77 2.50 -0.46	43.34 1.63 0.00	36.17 1.22 0.00	40.95 1.55 -0.43	43.67 1.59 -0.57	43.06 1.60 0.00	43.11 1.64 0.00	44.66 2.00 0.00	47.06 2.15 0.00	55.11 2.57 0.00	61.22 2.76 0.00	74.80 2.75 0.00	73.23 2.66 0.00	80.51 2.97 0.00	81.57 2.90 0.00	56.84 2.04 0.00	50.80 1.79 0.00
ASTORIA___5 23518	42.35 1.65 0.00	44.28 1.48 0.00	47.39 1.74 0.00	44.26 1.58 0.00	42.24 1.45 0.00	39.42 1.34 0.00	72.36 2.68 0.00	64.77 2.50 -0.46	43.34 1.63 0.00	36.18 1.23 0.00	40.95 1.55 -0.43	43.68 1.60 -0.57	43.08 1.62 0.00	43.13 1.66 0.00	44.65 1.99 0.00	47.06 2.14 0.00	55.11 2.57 0.00	61.21 2.76 0.00	74.80 2.74 0.00	73.23 2.66 0.00	80.49 2.95 0.00	81.57 2.90 0.00	56.83 2.04 0.00	50.80 1.79 0.00
AST_ENERGY_2_CC3 323677	-207.84 1.47 250.00	2.41 1.27 41.67	47.22 1.57 0.00	44.10 1.41 0.00	42.05 1.26 0.00	39.19 1.11 0.00	65.51 2.24 6.41	64.34 2.07 -0.46	43.03 1.32 0.00	35.91 0.96 0.00	40.27 1.29 0.00	42.88 1.36 0.00	42.84 1.39 0.00	42.89 1.43 0.00	44.41 1.75 0.00	46.79 1.88 0.00	54.81 2.26 0.00	60.89 2.43 0.00	74.36 2.31 0.00	72.83 2.26 0.00	80.11 2.57 0.00	81.13 2.46 0.00	56.54 1.75 0.00	50.51 1.50 0.00
AST_ENERGY_2_CC4 323678	-207.84 1.47 250.00	2.41 1.27 41.67	47.22 1.57 0.00	44.10 1.41 0.00	42.05 1.26 0.00	39.19 1.11 0.00	65.51 2.24 6.41	64.34 2.07 -0.46	43.03 1.32 0.00	35.91 0.96 0.00	40.27 1.29 0.00	42.88 1.36 0.00	42.84 1.39 0.00	42.89 1.43 0.00	44.41 1.75 0.00	46.79 1.88 0.00	54.81 2.26 0.00	60.89 2.43 0.00	74.36 2.31 0.00	72.83 2.26 0.00	80.11 2.57 0.00	81.13 2.46 0.00	56.54 1.75 0.00	50.51 1.50 0.00

ATHENS_STG_1 23668	41.88 1.18 0.00	43.95 1.15 0.00	46.93 1.28 0.00	43.86 1.18 0.00	41.85 1.07 0.00	38.98 0.90 0.00	71.41 1.73 0.00	63.72 1.55 -0.36	42.70 0.99 0.00	35.67 0.72 0.00	39.76 0.79 0.00	42.30 0.78 0.00	42.26 0.81 0.00	42.30 0.83 0.00	43.70 1.04 0.00	46.03 1.12 0.00	53.94 1.40 0.00	59.99 1.53 0.00	73.56 1.51 0.00	72.12 1.55 0.00	79.27 1.74 0.00	80.39 1.72 0.00	55.97 1.17 0.00	49.99 0.99 0.00
ATHENS_STG_2 23670	41.88 1.18 0.00	43.95 1.15 0.00	46.93 1.28 0.00	43.86 1.18 0.00	41.85 1.07 0.00	38.98 0.90 0.00	71.41 1.73 0.00	63.72 1.55 -0.36	42.70 0.99 0.00	35.67 0.72 0.00	39.76 0.79 0.00	42.30 0.78 0.00	42.26 0.81 0.00	42.30 0.83 0.00	43.70 1.04 0.00	46.03 1.12 0.00	53.94 1.40 0.00	59.99 1.53 0.00	73.56 1.51 0.00	72.12 1.55 0.00	79.27 1.74 0.00	80.39 1.72 0.00	55.97 1.17 0.00	49.99 0.99 0.00
ATHENS_STG_3 23677	41.88 1.18 0.00	43.95 1.15 0.00	46.93 1.28 0.00	43.86 1.18 0.00	41.85 1.07 0.00	38.98 0.90 0.00	71.41 1.73 0.00	63.72 1.55 -0.36	42.70 0.99 0.00	35.67 0.72 0.00	39.76 0.79 0.00	42.30 0.78 0.00	42.26 0.81 0.00	42.30 0.83 0.00	43.70 1.04 0.00	46.03 1.12 0.00	53.94 1.40 0.00	59.99 1.53 0.00	73.56 1.51 0.00	72.12 1.55 0.00	79.27 1.74 0.00	80.39 1.72 0.00	55.97 1.17 0.00	49.99 0.99 0.00
AUBURN___LFGE 323710	40.27 -0.83 -0.41	42.63 -0.95 -0.77	44.81 -0.93 -0.09	41.86 -0.83 0.00	40.39 -0.74 -0.34	38.03 -0.69 -0.65	71.30 -1.00 -2.62	61.89 -0.79 -0.87	42.12 -0.51 -0.92	34.65 -0.31 0.00	38.69 -0.29 0.00	41.25 -0.28 0.00	41.02 -0.43 0.00	40.88 -0.63 -0.05	42.69 -0.75 -0.77	44.42 -0.75 -0.25	52.88 -0.61 -0.95	61.34 -0.58 -3.46	74.70 -0.94 -3.58	72.17 -0.91 -2.50	77.36 -0.91 -0.73	78.51 -1.11 -0.95	54.12 -0.67 0.00	48.21 -0.79 0.00
BABYLON_RES_REC 323704	42.73 2.04 0.00	44.73 1.93 0.00	47.80 2.15 0.00	44.59 1.91 0.00	42.69 1.90 0.00	39.75 1.67 0.00	72.91 3.23 0.00	65.34 3.07 -0.46	43.38 1.67 0.00	35.94 0.99 0.00	40.39 1.41 0.00	42.85 1.33 0.00	42.85 1.40 0.00	43.06 1.59 0.00	44.82 2.16 0.00	47.66 2.75 0.00	55.97 3.42 0.00	62.03 3.57 0.00	76.02 3.96 0.00	74.58 4.01 0.00	82.01 4.47 0.00	83.06 4.40 0.00	57.79 3.00 0.00	51.53 2.53 0.00
BABYLON__69_KV_BK2 356345	43.13 2.44 0.00	45.14 2.34 0.00	48.25 2.60 0.00	45.01 2.33 0.00	43.10 2.32 0.00	40.14 2.06 0.00	73.65 3.97 0.00	65.98 3.71 -0.46	43.79 2.08 0.00	36.24 1.29 0.00	40.76 1.78 0.00	43.23 1.71 0.00	43.25 1.80 0.00	43.43 1.96 0.00	45.26 2.60 0.00	48.17 3.26 0.00	56.58 4.04 0.00	62.71 4.25 0.00	76.87 4.81 0.00	75.45 4.89 0.00	83.00 5.46 0.00	84.07 5.39 0.00	58.47 3.68 0.00	52.10 3.10 0.00
BALL_HILL_WT_PWR 323825	35.20 -4.15 1.35	36.60 -4.05 2.16	41.05 -4.36 0.24	38.76 -3.92 0.00	36.01 -3.82 0.96	32.75 -3.51 1.81	56.05 -6.31 7.33	53.46 -5.83 2.51	35.43 -3.64 2.64	26.67 -2.86 5.42	36.16 -2.81 0.00	38.92 -2.61 0.00	38.17 -3.29 0.00	37.45 -3.73 0.29	36.12 -4.03 2.51	39.93 -4.24 0.74	45.03 -4.75 2.77	43.00 -5.41 10.05	55.73 -6.32 10.00	58.19 -5.80 6.58	69.31 -6.31 1.92	69.58 -6.42 2.66	51.03 -3.77 0.00	45.97 -3.04 0.00
BARON_WINDS___WT_PWR 323822	34.01 -3.67 3.01	35.51 -3.63 3.67	41.44 -3.79 0.41	39.33 -3.35 0.00	36.11 -3.05 1.63	32.15 -2.85 3.08	52.16 -5.04 12.48	53.35 -4.31 4.15	34.57 -2.65 4.49	34.78 -2.13 -1.96	36.82 -2.16 0.00	39.49 -2.03 0.00	39.01 -2.44 0.00	36.99 -3.11 1.36	33.99 -3.39 5.27	40.23 -3.43 1.25	43.73 -4.14 4.67	37.01 -4.47 16.97	49.86 -5.27 16.92	54.59 -4.81 11.17	68.80 -5.48 3.25	68.58 -5.59 4.50	51.43 -3.36 0.00	46.22 -2.78 0.00
BARRETT_IC_1 23704	42.39 1.70 0.00	44.39 1.59 0.00	47.41 1.76 0.00	44.24 1.56 0.00	42.32 1.53 0.00	39.43 1.36 0.00	72.28 2.60 0.00	64.72 2.45 -0.46	43.03 1.32 0.00	35.78 0.83 0.00	40.22 1.24 0.00	42.72 1.20 0.00	42.72 1.27 0.00	42.87 1.40 0.00	44.57 1.91 0.00	47.22 2.30 0.00	55.42 2.88 0.00	61.44 2.98 0.00	75.26 3.21 0.00	73.78 3.21 0.00	80.99 3.45 0.00	81.88 3.21 0.00	57.04 2.25 0.00	50.96 1.96 0.00
BARRETT_IC_10 23701	42.39 1.70 0.00	44.39 1.59 0.00	47.41 1.76 0.00	44.24 1.56 0.00	42.32 1.53 0.00	39.43 1.36 0.00	72.28 2.60 0.00	64.72 2.45 -0.46	43.03 1.32 0.00	35.78 0.83 0.00	40.22 1.24 0.00	42.72 1.20 0.00	42.72 1.27 0.00	42.87 1.40 0.00	44.57 1.91 0.00	47.22 2.30 0.00	55.42 2.88 0.00	61.44 2.98 0.00	75.26 3.21 0.00	73.78 3.21 0.00	80.99 3.45 0.00	81.88 3.21 0.00	57.04 2.25 0.00	50.96 1.96 0.00
BARRETT_IC_11 23702	42.39 1.70 0.00	44.39 1.59 0.00	47.41 1.76 0.00	44.24 1.56 0.00	42.32 1.53 0.00	39.43 1.36 0.00	72.28 2.60 0.00	64.72 2.45 -0.46	43.03 1.32 0.00	35.78 0.83 0.00	40.22 1.24 0.00	42.72 1.20 0.00	42.72 1.27 0.00	42.87 1.40 0.00	44.57 1.91 0.00	47.22 2.30 0.00	55.42 2.88 0.00	61.44 2.98 0.00	75.26 3.21 0.00	73.78 3.21 0.00	80.99 3.45 0.00	81.88 3.21 0.00	57.04 2.25 0.00	50.96 1.96 0.00
BARRETT_IC_12 23703	42.39 1.70 0.00	44.39 1.59 0.00	47.41 1.76 0.00	44.24 1.56 0.00	42.32 1.53 0.00	39.43 1.36 0.00	72.28 2.60 0.00	64.72 2.45 -0.46	43.03 1.32 0.00	35.78 0.83 0.00	40.22 1.24 0.00	42.72 1.20 0.00	42.72 1.27 0.00	42.87 1.40 0.00	44.57 1.91 0.00	47.22 2.30 0.00	55.42 2.88 0.00	61.44 2.98 0.00	75.26 3.21 0.00	73.78 3.21 0.00	80.99 3.45 0.00	81.88 3.21 0.00	57.04 2.25 0.00	50.96 1.96 0.00
BARRETT_IC_2 23705	42.39 1.70 0.00	44.39 1.59 0.00	47.41 1.76 0.00	44.24 1.56 0.00	42.32 1.53 0.00	39.43 1.36 0.00	72.28 2.60 0.00	64.72 2.45 -0.46	43.03 1.32 0.00	35.78 0.83 0.00	40.22 1.24 0.00	42.72 1.20 0.00	42.72 1.27 0.00	42.87 1.40 0.00	44.57 1.91 0.00	47.22 2.30 0.00	55.42 2.88 0.00	61.44 2.98 0.00	75.26 3.21 0.00	73.78 3.21 0.00	80.99 3.45 0.00	81.88 3.21 0.00	57.04 2.25 0.00	50.96 1.96 0.00
BARRETT_IC_3 23706	42.39 1.70 0.00	44.39 1.59 0.00	47.41 1.76 0.00	44.24 1.56 0.00	42.32 1.53 0.00	39.43 1.36 0.00	72.28 2.60 0.00	64.72 2.45 -0.46	43.03 1.32 0.00	35.78 0.83 0.00	40.22 1.24 0.00	42.72 1.20 0.00	42.72 1.27 0.00	42.87 1.40 0.00	44.57 1.91 0.00	47.22 2.30 0.00	55.42 2.88 0.00	61.44 2.98 0.00	75.26 3.21 0.00	73.78 3.21 0.00	80.99 3.45 0.00	81.88 3.21 0.00	57.04 2.25 0.00	50.96 1.96 0.00
BARRETT_IC_4 23707	42.39 1.70 0.00	44.39 1.59 0.00	47.41 1.76 0.00	44.24 1.56 0.00	42.32 1.53 0.00	39.43 1.36 0.00	72.28 2.60 0.00	64.72 2.45 -0.46	43.03 1.32 0.00	35.78 0.83 0.00	40.22 1.24 0.00	42.72 1.20 0.00	42.72 1.27 0.00	42.87 1.40 0.00	44.57 1.91 0.00	47.22 2.30 0.00	55.42 2.88 0.00	61.44 2.98 0.00	75.26 3.21 0.00	73.78 3.21 0.00	80.99 3.45 0.00	81.88 3.21 0.00	57.04 2.25 0.00	50.96 1.96 0.00

BARRETT_IC_5 23708	42.39 1.70 0.00	44.39 1.59 0.00	47.41 1.76 0.00	44.24 1.56 0.00	42.32 1.53 0.00	39.43 1.36 0.00	72.28 2.60 0.00	64.72 2.45 -0.46	43.03 1.32 0.00	35.78 0.83 0.00	40.22 1.24 0.00	42.72 1.20 0.00	42.72 1.27 0.00	42.87 1.40 0.00	44.57 1.91 0.00	47.22 2.30 0.00	55.42 2.88 0.00	61.44 2.98 0.00	75.26 3.21 0.00	73.78 3.21 0.00	80.99 3.45 0.00	81.88 3.21 0.00	57.04 2.25 0.00	50.96 1.96 0.00
BARRETT_IC_6 23709	42.39 1.70 0.00	44.39 1.59 0.00	47.41 1.76 0.00	44.24 1.56 0.00	42.32 1.53 0.00	39.43 1.36 0.00	72.28 2.60 0.00	64.72 2.45 -0.46	43.03 1.32 0.00	35.78 0.83 0.00	40.22 1.24 0.00	42.72 1.20 0.00	42.72 1.27 0.00	42.87 1.40 0.00	44.57 1.91 0.00	47.22 2.30 0.00	55.42 2.88 0.00	61.44 2.98 0.00	75.26 3.21 0.00	73.78 3.21 0.00	80.99 3.45 0.00	81.88 3.21 0.00	57.04 2.25 0.00	50.96 1.96 0.00
BARRETT_IC_7 23710	42.39 1.70 0.00	44.39 1.59 0.00	47.42 1.78 0.00	44.24 1.56 0.00	42.32 1.53 0.00	39.43 1.36 0.00	72.29 2.61 0.00	64.72 2.45 -0.46	43.03 1.32 0.00	35.78 0.83 0.00	40.22 1.24 0.00	42.72 1.20 0.00	42.71 1.26 0.00	42.85 1.39 0.00	44.57 1.91 0.00	47.22 2.31 0.00	55.42 2.88 0.00	61.45 2.99 0.00	75.26 3.21 0.00	73.79 3.22 0.00	81.00 3.46 0.00	81.88 3.21 0.00	57.05 2.25 0.00	50.97 1.96 0.00
BARRETT_IC_8 23711	42.39 1.70 0.00	44.39 1.59 0.00	47.41 1.76 0.00	44.24 1.56 0.00	42.32 1.53 0.00	39.43 1.36 0.00	72.28 2.60 0.00	64.72 2.45 -0.46	43.03 1.32 0.00	35.78 0.83 0.00	40.22 1.24 0.00	42.72 1.20 0.00	42.72 1.27 0.00	42.87 1.40 0.00	44.57 1.91 0.00	47.22 2.30 0.00	55.42 2.88 0.00	61.44 2.98 0.00	75.26 3.21 0.00	73.78 3.21 0.00	80.99 3.45 0.00	81.88 3.21 0.00	57.04 2.25 0.00	50.96 1.96 0.00
BARRETT_IC_9 23700	42.39 1.70 0.00	44.39 1.59 0.00	47.41 1.76 0.00	44.24 1.56 0.00	42.32 1.53 0.00	39.43 1.36 0.00	72.28 2.60 0.00	64.72 2.45 -0.46	43.03 1.32 0.00	35.78 0.83 0.00	40.22 1.24 0.00	42.72 1.20 0.00	42.72 1.27 0.00	42.87 1.40 0.00	44.57 1.91 0.00	47.22 2.30 0.00	55.42 2.88 0.00	61.44 2.98 0.00	75.26 3.21 0.00	73.78 3.21 0.00	80.99 3.45 0.00	81.88 3.21 0.00	57.04 2.25 0.00	50.96 1.96 0.00
BARRETT___1 23545	42.39 1.70 0.00	44.39 1.59 0.00	47.41 1.76 0.00	44.24 1.56 0.00	42.32 1.53 0.00	39.43 1.36 0.00	72.28 2.60 0.00	64.72 2.45 -0.46	43.03 1.32 0.00	35.78 0.83 0.00	40.22 1.24 0.00	42.72 1.20 0.00	42.72 1.27 0.00	42.87 1.40 0.00	44.57 1.91 0.00	47.22 2.30 0.00	55.42 2.88 0.00	61.44 2.98 0.00	75.26 3.21 0.00	73.78 3.21 0.00	80.99 3.45 0.00	81.88 3.21 0.00	57.04 2.25 0.00	50.96 1.96 0.00
BARRETT___2 23546	42.39 1.70 0.00	44.39 1.59 0.00	47.41 1.76 0.00	44.24 1.56 0.00	42.32 1.53 0.00	39.43 1.36 0.00	72.28 2.60 0.00	64.72 2.45 -0.46	43.03 1.32 0.00	35.78 0.83 0.00	40.22 1.24 0.00	42.72 1.20 0.00	42.72 1.27 0.00	42.87 1.40 0.00	44.57 1.91 0.00	47.22 2.30 0.00	55.42 2.88 0.00	61.44 2.98 0.00	75.26 3.21 0.00	73.78 3.21 0.00	80.99 3.45 0.00	81.88 3.21 0.00	57.04 2.25 0.00	50.96 1.96 0.00
BATAVIA__115KV_TB1 55881	36.27 -3.47 0.96	37.82 -3.38 1.60	41.67 -3.80 0.18	39.31 -3.37 0.00	36.73 -3.35 0.70	33.73 -3.00 1.35	59.05 -5.24 5.39	55.05 -4.91 1.85	36.81 -2.96 1.94	32.63 -2.32 0.00	36.80 -2.18 0.00	39.47 -2.05 0.00	38.89 -2.56 0.00	38.31 -3.00 0.16	37.55 -3.33 1.79	40.51 -3.86 0.55	46.35 -4.14 2.05	46.84 -4.19 7.44	60.24 -4.39 7.42	61.36 -4.33 4.89	70.92 -5.20 1.42	71.28 -5.41 1.97	51.60 -3.20 0.00	46.46 -2.54 0.00
BAYONEEC___CTG1 323682	42.21 1.52 0.00	44.15 1.34 0.00	47.23 1.58 0.00	44.10 1.42 0.00	42.09 1.30 0.00	39.28 1.20 0.00	72.11 2.43 0.00	64.52 2.25 -0.46	43.13 1.42 0.00	36.00 1.05 0.00	40.28 1.30 0.00	42.88 1.36 0.00	42.87 1.42 0.00	42.91 1.45 0.00	44.44 1.78 0.00	46.83 1.92 0.00	54.86 2.32 0.00	60.98 2.52 0.00	60.32 2.45 14.18	70.52 2.38 2.43	80.23 2.68 0.00	81.25 2.59 0.00	56.61 1.81 0.00	50.54 1.54 0.00
BAYONEEC___CTG10 323750	42.21 1.52 0.00	44.15 1.34 0.00	47.23 1.58 0.00	44.10 1.42 0.00	42.09 1.30 0.00	39.28 1.20 0.00	72.11 2.43 0.00	64.52 2.25 -0.46	43.13 1.42 0.00	36.00 1.05 0.00	40.28 1.30 0.00	42.88 1.36 0.00	42.87 1.42 0.00	42.91 1.45 0.00	44.44 1.78 0.00	46.83 1.92 0.00	54.86 2.32 0.00	60.98 2.52 0.00	60.32 2.45 14.18	70.52 2.38 2.43	80.23 2.68 0.00	81.25 2.59 0.00	56.61 1.81 0.00	50.54 1.54 0.00
BAYONEEC___CTG2 323683	42.21 1.52 0.00	44.15 1.34 0.00	47.23 1.58 0.00	44.10 1.42 0.00	42.09 1.30 0.00	39.28 1.20 0.00	72.11 2.43 0.00	64.52 2.25 -0.46	43.13 1.42 0.00	36.00 1.05 0.00	40.28 1.30 0.00	42.88 1.36 0.00	42.87 1.42 0.00	42.91 1.45 0.00	44.44 1.78 0.00	46.83 1.92 0.00	54.86 2.32 0.00	60.98 2.52 0.00	60.32 2.45 14.18	70.52 2.38 2.43	80.23 2.68 0.00	81.25 2.59 0.00	56.61 1.81 0.00	50.54 1.54 0.00
BAYONEEC___CTG3 323684	42.21 1.52 0.00	44.15 1.34 0.00	47.23 1.58 0.00	44.10 1.42 0.00	42.09 1.30 0.00	39.28 1.20 0.00	72.11 2.43 0.00	64.52 2.25 -0.46	43.13 1.42 0.00	36.00 1.05 0.00	40.28 1.30 0.00	42.88 1.36 0.00	42.87 1.42 0.00	42.91 1.45 0.00	44.44 1.78 0.00	46.83 1.92 0.00	54.86 2.32 0.00	60.98 2.52 0.00	60.32 2.45 14.18	70.52 2.38 2.43	80.23 2.68 0.00	81.25 2.59 0.00	56.61 1.81 0.00	50.54 1.54 0.00
BAYONEEC___CTG4 323685	42.21 1.52 0.00	44.15 1.34 0.00	47.23 1.58 0.00	44.10 1.42 0.00	42.09 1.30 0.00	39.28 1.20 0.00	72.11 2.43 0.00	64.52 2.25 -0.46	43.13 1.42 0.00	36.00 1.05 0.00	40.28 1.30 0.00	42.88 1.36 0.00	42.87 1.42 0.00	42.91 1.45 0.00	44.44 1.78 0.00	46.83 1.92 0.00	54.86 2.32 0.00	60.98 2.52 0.00	60.32 2.45 14.18	70.52 2.38 2.43	80.23 2.68 0.00	81.25 2.59 0.00	56.61 1.81 0.00	50.54 1.54 0.00
BAYONEEC___CTG5 323686	42.21 1.52 0.00	44.15 1.34 0.00	47.23 1.58 0.00	44.10 1.42 0.00	42.09 1.30 0.00	39.28 1.20 0.00	72.11 2.43 0.00	64.52 2.25 -0.46	43.13 1.42 0.00	36.00 1.05 0.00	40.28 1.30 0.00	42.88 1.36 0.00	42.87 1.42 0.00	42.91 1.45 0.00	44.44 1.78 0.00	46.83 1.92 0.00	54.86 2.32 0.00	60.98 2.52 0.00	60.32 2.45 14.18	70.52 2.38 2.43	80.23 2.68 0.00	81.25 2.59 0.00	56.61 1.81 0.00	50.54 1.54 0.00
BAYONEEC___CTG6 323687	42.21 1.52 0.00	44.15 1.34 0.00	47.23 1.58 0.00	44.10 1.42 0.00	42.09 1.30 0.00	39.28 1.20 0.00	72.11 2.43 0.00	64.52 2.25 -0.46	43.13 1.42 0.00	36.00 1.05 0.00	40.28 1.30 0.00	42.88 1.36 0.00	42.87 1.42 0.00	42.91 1.45 0.00	44.44 1.78 0.00	46.83 1.92 0.00	54.86 2.32 0.00	60.98 2.52 0.00	60.32 2.45 14.18	70.52 2.38 2.43	80.23 2.68 0.00	81.25 2.59 0.00	56.61 1.81 0.00	50.54 1.54 0.00

BAYONEEC___CTG7 323688	42.21 1.52 0.00	44.15 1.34 0.00	47.23 1.58 0.00	44.10 1.42 0.00	42.09 1.30 0.00	39.28 1.20 0.00	72.11 2.43 0.00	64.52 2.25 -0.46	43.13 1.42 0.00	36.00 1.05 0.00	40.28 1.30 0.00	42.88 1.36 0.00	42.87 1.42 0.00	42.91 1.45 0.00	44.44 1.78 0.00	46.83 1.92 0.00	54.86 2.32 0.00	60.98 2.52 0.00	60.32 2.45 14.18	70.52 2.38 2.43	80.23 2.68 0.00	81.25 2.59 0.00	56.61 1.81 0.00	50.54 1.54 0.00
BAYONEEC___CTG8 323689	42.21 1.52 0.00	44.15 1.34 0.00	47.23 1.58 0.00	44.10 1.42 0.00	42.09 1.30 0.00	39.28 1.20 0.00	72.11 2.43 0.00	64.52 2.25 -0.46	43.13 1.42 0.00	36.00 1.05 0.00	40.28 1.30 0.00	42.88 1.36 0.00	42.87 1.42 0.00	42.91 1.45 0.00	44.44 1.78 0.00	46.83 1.92 0.00	54.86 2.32 0.00	60.98 2.52 0.00	60.32 2.45 14.18	70.52 2.38 2.43	80.23 2.68 0.00	81.25 2.59 0.00	56.61 1.81 0.00	50.54 1.54 0.00
BAYONEEC___CTG9 323749	42.21 1.52 0.00	44.15 1.34 0.00	47.23 1.58 0.00	44.10 1.42 0.00	42.09 1.30 0.00	39.28 1.20 0.00	72.11 2.43 0.00	64.52 2.25 -0.46	43.13 1.42 0.00	36.00 1.05 0.00	40.28 1.30 0.00	42.88 1.36 0.00	42.87 1.42 0.00	42.91 1.45 0.00	44.44 1.78 0.00	46.83 1.92 0.00	54.86 2.32 0.00	60.98 2.52 0.00	60.32 2.45 14.18	70.52 2.38 2.43	80.23 2.68 0.00	81.25 2.59 0.00	56.61 1.81 0.00	50.54 1.54 0.00
BEACON___LESR 323632	42.29 1.60 0.00	44.29 1.49 0.00	47.27 1.62 0.00	44.21 1.52 0.00	42.26 1.47 0.00	39.37 1.29 0.00	72.10 2.42 0.00	66.16 2.10 -2.25	43.02 1.31 0.00	35.80 0.85 0.00	39.80 0.83 0.00	42.32 0.80 0.00	42.15 0.70 0.00	42.26 0.80 0.00	43.64 0.97 0.00	45.83 0.92 0.00	53.79 1.25 0.00	59.99 1.53 0.00	73.72 1.66 0.00	72.27 1.70 0.00	79.26 1.72 0.00	80.24 1.57 0.00	55.93 1.13 0.00	50.27 1.27 0.00
BEAVER RIVER___HYD 24048	41.22 0.53 0.00	43.71 0.91 0.00	46.45 0.80 0.00	43.17 0.49 0.00	41.23 0.44 0.00	38.95 0.88 0.00	72.55 2.87 0.00	65.28 3.47 0.00	43.96 2.25 0.00	36.40 1.44 0.00	40.33 1.35 0.00	43.50 1.98 0.00	44.61 3.15 0.00	45.05 3.58 0.00	45.90 3.24 0.00	47.75 2.83 0.00	56.02 3.48 0.00	61.54 3.08 0.00	75.87 3.82 0.00	73.87 3.30 0.00	81.32 3.78 0.00	82.25 3.58 0.00	56.79 1.99 0.00	50.25 1.24 0.00
BEEBEE_GT_13 23619	37.07 -2.99 0.64	38.62 -2.98 1.20	42.20 -3.32 0.13	39.72 -2.97 0.00	37.37 -2.89 0.53	34.42 -2.64 1.00	60.82 -4.79 4.07	56.02 -4.39 1.40	37.56 -2.69 1.47	32.87 -2.08 0.00	36.93 -2.04 0.00	39.47 -2.37 0.00	39.08 -2.53 0.03	38.91 -2.83 1.24	38.59 -2.83 0.41	41.42 -3.09 0.15	47.49 -3.52 1.53	49.14 -3.75 5.57	62.35 -4.17 5.54	62.85 -4.08 3.65	71.80 -4.68 1.06	72.28 -4.92 1.47	51.72 -3.08 0.00	46.44 -2.57 0.00
BENSHRST_27_KV_BENSHRST_1 355998	65.48 2.14 -22.64	65.44 1.99 -20.64	65.36 2.28 -17.43	64.93 2.05 -20.19	64.93 1.92 -22.22	65.10 1.81 -25.22	75.66 3.49 -2.49	66.70 3.21 -1.69	66.28 2.16 -22.41	86.42 1.68 -49.79	64.94 2.06 -23.91	60.13 2.14 -16.47	84.23 2.19 -40.59	60.11 2.22 -16.43	67.32 2.59 -22.07	60.48 2.77 -12.79	59.83 3.31 -3.98	62.78 3.57 -0.75	75.82 3.76 -0.01	74.23 3.66 -0.01	82.80 3.96 -1.30	122.67 3.94 -40.06	121.44 2.81 -63.83	98.49 2.45 -47.04
BETHLEHEM___GRP 23843	41.81 1.12 0.00	43.90 1.10 0.00	46.86 1.21 0.00	43.82 1.14 0.00	41.84 1.05 0.00	38.93 0.86 0.00	71.23 1.55 0.00	65.52 1.37 -2.34	42.59 0.88 0.00	35.54 0.59 0.00	39.41 0.43 0.00	41.85 0.32 0.00	41.82 0.37 0.00	41.88 0.41 0.00	43.17 0.51 0.00	45.24 0.33 0.00	53.07 0.53 0.00	59.12 0.66 0.00	72.57 0.52 0.00	71.14 0.57 0.00	78.14 0.60 0.00	79.23 0.56 0.00	55.25 0.45 0.00	49.65 0.64 0.00
BETHLEHEM___GS1 323560	41.81 1.12 0.00	43.90 1.10 0.00	46.86 1.21 0.00	43.82 1.14 0.00	41.84 1.05 0.00	38.93 0.86 0.00	71.23 1.55 0.00	65.52 1.37 -2.34	42.59 0.88 0.00	35.54 0.59 0.00	39.41 0.44 0.00	41.84 0.32 0.00	41.82 0.37 0.00	41.88 0.41 0.00	43.17 0.51 0.00	45.24 0.33 0.00	53.07 0.53 0.00	59.12 0.66 0.00	72.58 0.53 0.00	71.14 0.57 0.00	78.14 0.60 0.00	79.23 0.56 0.00	55.25 0.45 0.00	49.65 0.64 0.00
BETHLEHEM___GS2 323561	41.81 1.12 0.00	43.90 1.10 0.00	46.86 1.21 0.00	43.82 1.14 0.00	41.84 1.05 0.00	38.93 0.86 0.00	71.23 1.55 0.00	65.52 1.37 -2.34	42.59 0.88 0.00	35.54 0.59 0.00	39.41 0.44 0.00	41.84 0.32 0.00	41.82 0.37 0.00	41.88 0.41 0.00	43.17 0.51 0.00	45.24 0.33 0.00	53.07 0.53 0.00	59.12 0.66 0.00	72.58 0.53 0.00	71.14 0.57 0.00	78.14 0.60 0.00	79.23 0.56 0.00	55.25 0.45 0.00	49.65 0.64 0.00
BETHLEHEM___GS3 323562	41.81 1.12 0.00	43.90 1.10 0.00	46.86 1.21 0.00	43.82 1.14 0.00	41.84 1.05 0.00	38.93 0.86 0.00	71.23 1.55 0.00	65.52 1.37 -2.34	42.59 0.88 0.00	35.54 0.59 0.00	39.41 0.44 0.00	41.84 0.32 0.00	41.82 0.37 0.00	41.88 0.41 0.00	43.17 0.51 0.00	45.24 0.33 0.00	53.07 0.53 0.00	59.12 0.66 0.00	72.58 0.53 0.00	71.14 0.57 0.00	78.14 0.60 0.00	79.23 0.56 0.00	55.25 0.45 0.00	49.65 0.64 0.00
BETHLEHEM___STEEL 23779	35.22 -4.16 1.31	36.63 -4.07 2.10	40.96 -4.46 0.24	38.70 -3.98 0.00	35.94 -3.93 0.93	32.66 -3.65 1.76	55.93 -6.63 7.12	53.19 -6.18 2.44	35.33 -3.82 2.56	31.99 -2.96 0.00	36.11 -2.87 0.00	38.83 -2.69 0.00	38.20 -3.26 0.00	37.62 -3.56 0.28	36.25 -3.97 2.44	39.87 -4.32 0.72	44.90 -4.95 2.70	43.23 -5.44 9.79	56.19 -6.11 9.75	58.30 -5.86 6.42	69.09 -6.58 1.87	69.39 -6.69 2.60	50.89 -3.90 0.00	45.91 -3.10 0.00
BETHLHEM_115KV_TB1 79974	41.80 1.11 0.00	43.90 1.10 0.00	46.86 1.21 0.00	43.82 1.14 0.00	41.84 1.05 0.00	38.94 0.86 0.00	71.24 1.56 0.00	65.41 1.37 -2.24	42.60 0.89 0.00	35.55 0.60 0.00	39.45 0.47 0.00	41.92 0.40 0.00	41.88 0.42 0.00	41.93 0.47 0.00	43.23 0.58 0.00	45.34 0.43 0.00	53.18 0.64 0.00	59.24 0.78 0.00	72.72 0.66 0.00	71.28 0.71 0.00	78.30 0.76 0.00	79.40 0.73 0.00	55.35 0.56 0.00	49.70 0.69 0.00
BETHPAGE_CC_5 323564	42.49 1.79 0.00	44.54 1.74 0.00	47.57 1.92 0.00	44.39 1.71 0.00	42.48 1.69 0.00	39.49 1.41 0.00	72.38 2.69 0.00	64.84 2.57 -0.46	43.08 1.37 0.00	35.77 0.82 0.00	40.14 1.17 0.00	42.63 1.11 0.00	42.63 1.18 0.00	42.81 1.34 0.00	44.53 1.87 0.00	47.27 2.36 0.00	55.46 2.91 0.00	61.48 3.02 0.00	75.31 3.26 0.00	73.89 3.32 0.00	81.22 3.68 0.00	82.29 3.62 0.00	57.29 2.50 0.00	51.13 2.12 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	35.43 -3.94 1.32	36.83 -3.83 2.14	41.20 -4.21 0.24	38.93 -3.75 0.00	36.13 -3.71 0.95	32.83 -3.45 1.80	56.19 -6.25 7.24	53.48 -5.84 2.48	35.43 -3.68 2.59	32.11 -2.84 0.00	36.23 -2.74 0.00	39.02 -2.51 0.00	38.43 -3.02 0.00	37.90 -3.30 0.27	36.51 -3.69 2.47	40.12 -4.06 0.73	45.14 -4.65 2.75	43.39 -5.11 9.97	56.45 -5.66 9.93	58.57 -5.46 6.54	69.48 -6.16 1.90	69.78 -6.25 2.64	51.19 -3.61 0.00	46.16 -2.85 0.00

BINGHAMTON___COGEN 23790	39.16 -1.02 0.51	40.78 -1.05 0.97	44.47 -1.07 0.11	41.67 -1.01 0.00	39.42 -0.93 0.43	36.42 -0.84 0.81	64.91 -1.48 3.30	59.67 -1.22 0.92	39.77 -0.75 1.19	34.30 -0.65 0.00	38.39 -0.59 0.00	40.99 -0.54 0.00	40.75 -0.71 0.00	40.68 -0.76 0.02	40.88 -0.79 0.99	43.75 -0.84 0.33	50.33 -0.98 1.23	52.94 -1.07 4.46	66.42 -1.44 4.18	67.36 -1.32 1.88	75.44 -1.55 0.55	75.81 -1.68 1.18	53.72 -1.07 0.00	48.02 -0.98 0.00
BIXINCNT_115KV_LOAD 355685	35.61 -3.71 1.37	37.18 -3.28 2.34	42.00 -3.39 0.26	39.62 -3.06 0.00	36.55 -3.19 1.04	33.05 -3.05 1.97	56.49 -5.24 7.96	54.33 -4.75 2.73	35.89 -2.96 2.86	32.64 -2.31 0.00	36.86 -2.12 0.00	39.67 -1.85 0.00	38.93 -2.52 0.00	38.61 -2.65 0.20	37.11 -2.93 2.62	40.43 -3.67 0.81	45.03 -4.49 3.03	42.83 -4.64 10.99	56.26 -4.84 10.95	58.35 -5.02 7.21	69.84 -5.60 2.10	70.45 -5.31 2.91	52.03 -2.77 0.00	46.91 -2.09 0.00
BLACK RIVER___HYD 24047	41.19 0.50 0.00	43.62 0.82 0.00	46.39 0.74 0.00	43.17 0.48 0.00	41.25 0.46 0.00	39.00 0.93 0.00	72.65 2.97 0.00	65.93 4.12 0.00	44.46 2.75 0.00	36.68 1.73 0.00	40.63 1.65 0.00	43.78 2.25 0.00	45.05 3.60 0.00	45.63 4.17 0.00	46.58 3.92 0.00	48.71 3.79 0.00	57.29 4.74 0.00	62.37 3.91 0.00	76.81 4.75 0.00	74.62 4.05 0.00	82.23 4.69 0.00	82.98 4.31 0.00	57.12 2.32 0.00	50.36 1.36 0.00
BLACKRVR_115KV_TB2 79977	41.19 0.50 0.00	43.62 0.82 0.00	46.39 0.74 0.00	43.17 0.48 0.00	41.25 0.46 0.00	39.00 0.93 0.00	72.65 2.97 0.00	65.93 4.12 0.00	44.46 2.75 0.00	36.69 1.74 0.00	40.63 1.65 0.00	43.77 2.25 0.00	45.06 3.61 0.00	45.63 4.17 0.00	46.58 3.92 0.00	48.71 3.79 0.00	57.29 4.74 0.00	62.36 3.91 0.00	76.82 4.76 0.00	74.62 4.05 0.00	82.23 4.69 0.00	82.98 4.31 0.00	57.11 2.32 0.00	50.36 1.36 0.00
BLISS_WT_PWR 323608	35.40 -3.92 1.37	37.06 -3.40 2.34	41.94 -3.45 0.26	39.55 -3.13 0.00	36.44 -3.31 1.04	32.93 -3.18 1.97	56.42 -5.30 7.96	54.24 -4.84 2.73	35.85 -2.99 2.86	26.57 -2.35 6.03	36.81 -2.17 0.00	39.64 -1.88 0.00	38.84 -2.61 0.00	38.54 -2.72 0.20	37.08 -2.97 2.62	40.27 -3.84 0.81	44.78 -4.74 3.03	42.62 -4.85 10.99	56.10 -5.01 10.95	58.15 -5.22 7.21	69.68 -5.77 2.10	70.30 -5.46 2.91	51.99 -2.81 0.00	46.89 -2.11 0.00
BLUESTONE___WT_PWR 323821	40.27 -0.99 -0.57	43.35 -0.52 -1.07	45.58 -0.19 -0.12	42.51 -0.18 0.00	41.61 0.34 -0.48	39.62 0.65 -0.90	75.73 2.42 -3.64	65.85 2.41 -1.63	44.39 1.37 -1.31	36.89 0.99 -0.95	40.49 1.52 0.00	43.09 1.56 0.00	42.63 1.17 0.00	43.04 1.54 -0.03	44.84 1.08 -1.11	46.21 0.93 -0.36	55.56 1.65 -1.36	65.35 1.93 -4.96	79.30 2.12 -5.12	75.85 1.28 -4.00	79.47 0.77 -1.16	79.63 -0.35 -1.31	54.59 -0.21 0.00	48.76 -0.24 0.00
BLUE_CIRC_CHEM_DRP 24182	42.06 1.36 0.00	44.20 1.40 0.00	47.18 1.53 0.00	44.12 1.44 0.00	42.14 1.36 0.00	39.22 1.15 0.00	71.73 2.05 0.00	65.29 1.74 -1.74	42.81 1.10 0.00	35.60 0.65 0.00	39.63 0.66 0.00	42.12 0.60 0.00	42.04 0.59 0.00	42.16 0.69 0.00	43.51 0.85 0.00	45.81 0.90 0.00	53.68 1.14 0.00	59.80 1.34 0.00	73.44 1.38 0.00	71.99 1.42 0.00	79.08 1.54 0.00	80.21 1.54 0.00	55.91 1.12 0.00	50.12 1.12 0.00
BOC_GAS_DRP 24189	41.68 0.98 0.00	43.77 0.97 0.00	46.72 1.07 0.00	43.69 1.01 0.00	41.70 0.91 0.00	38.83 0.75 0.00	71.04 1.35 0.00	64.65 1.20 -1.64	42.49 0.78 0.00	35.49 0.54 0.00	39.50 0.52 0.00	42.00 0.47 0.00	41.94 0.49 0.00	41.98 0.52 0.00	43.33 0.66 0.00	45.58 0.67 0.00	53.39 0.85 0.00	59.42 0.96 0.00	72.94 0.89 0.00	71.51 0.94 0.00	78.57 1.03 0.00	79.71 1.05 0.00	55.52 0.73 0.00	49.71 0.70 0.00
BOONVILLE_115KV_TB1 79983	41.41 0.72 0.00	43.70 0.90 0.00	46.53 0.88 0.00	43.41 0.73 0.00	41.46 0.67 0.00	38.94 0.86 0.00	72.01 2.33 0.00	64.24 2.43 0.00	43.31 1.60 0.00	36.09 1.14 0.00	40.09 1.12 0.00	42.94 1.42 0.00	43.35 1.90 0.00	43.51 2.05 0.00	44.66 2.00 0.00	46.81 1.90 0.00	54.89 2.35 0.00	60.87 2.41 0.00	74.95 2.89 0.00	73.19 2.62 0.00	80.40 2.86 0.00	81.35 2.68 0.00	56.34 1.55 0.00	50.06 1.06 0.00
BORALEX_4TH_BRANCH 23824	43.25 2.56 0.00	45.31 2.51 0.00	48.38 2.73 0.00	45.33 2.65 0.00	43.38 2.59 0.00	40.38 2.31 0.00	73.86 4.18 0.00	69.00 3.74 -3.45	44.22 2.51 0.00	36.96 2.01 0.00	40.98 2.00 0.00	43.44 1.92 0.00	43.34 1.89 0.00	43.39 1.92 0.00	44.87 2.21 0.00	47.32 2.41 0.00	55.34 2.80 0.00	61.86 3.40 0.00	75.94 3.88 0.00	74.34 3.77 0.00	81.76 4.22 0.00	83.03 4.36 0.00	57.63 2.84 0.00	51.40 2.39 0.00
BOWLINE___1 23526	41.99 1.29 0.00	43.95 1.15 0.00	47.01 1.36 0.00	43.88 1.20 0.00	41.91 1.12 0.00	39.09 1.01 0.00	71.68 2.00 0.00	63.97 1.71 -0.45	42.68 0.97 0.00	35.63 0.68 0.00	39.78 0.81 0.00	42.42 0.90 0.00	42.46 1.00 0.00	42.50 1.03 0.00	43.98 1.32 0.00	46.33 1.41 0.00	54.29 1.75 0.00	60.37 1.91 0.00	73.86 1.81 0.00	72.37 1.80 0.00	79.59 2.06 0.00	80.63 1.96 0.00	56.14 1.35 0.00	50.15 1.15 0.00
BOWLINE___2 23595	41.96 1.27 0.00	43.93 1.13 0.00	46.97 1.33 0.00	43.86 1.18 0.00	41.89 1.10 0.00	39.05 0.98 0.00	71.60 1.92 0.00	63.92 1.67 -0.45	42.68 0.97 0.00	35.63 0.68 0.00	39.80 0.83 0.00	42.47 0.94 0.00	42.51 1.05 0.00	42.55 1.08 0.00	44.03 1.37 0.00	46.39 1.48 0.00	54.37 1.83 0.00	60.48 2.02 0.00	73.98 1.93 0.00	72.50 1.93 0.00	79.74 2.20 0.00	80.78 2.11 0.00	56.25 1.45 0.00	50.22 1.21 0.00
BRADY___115KV_TB2 356060	42.40 1.71 0.00	44.74 1.93 0.00	47.67 2.02 0.00	44.52 1.84 0.00	42.49 1.70 0.00	39.85 1.77 0.00	73.40 3.72 0.00	64.94 3.13 0.00	43.53 1.82 0.00	36.33 1.38 0.00	40.69 1.72 0.00	43.62 2.09 0.00	44.00 2.54 0.00	44.14 2.68 0.00	44.92 2.26 0.00	46.96 2.05 0.00	54.82 2.28 0.00	60.96 2.50 0.00	75.61 3.55 0.00	73.96 3.38 0.00	81.35 3.81 0.00	82.78 4.12 0.00	57.69 2.90 0.00	51.65 2.65 0.00
BRANSCOMB___SOLAR 323811	43.43 2.73 0.00	45.67 2.86 0.00	48.76 3.11 0.00	45.70 3.02 0.00	43.70 2.91 0.00	40.73 2.66 0.00	74.90 5.22 0.00	70.99 4.68 -4.51	44.82 3.11 0.00	37.31 2.36 0.00	41.29 2.31 0.00	43.83 2.30 0.00	43.86 2.41 0.00	44.01 2.54 0.00	45.48 2.82 0.00	47.99 3.07 0.00	56.29 3.75 0.00	62.89 4.43 0.00	77.29 5.23 0.00	75.64 5.07 0.00	82.95 5.41 0.00	84.11 5.44 0.00	58.36 3.56 0.00	52.10 3.10 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	43.01 2.32 0.00	45.03 2.22 0.00	48.12 2.47 0.00	44.93 2.24 0.00	43.03 2.24 0.00	40.05 1.98 0.00	73.40 3.72 0.00	65.77 3.50 -0.46	43.67 1.96 0.00	36.16 1.21 0.00	40.72 1.74 0.00	43.18 1.66 0.00	43.19 1.74 0.00	43.38 1.92 0.00	45.18 2.52 0.00	48.07 3.16 0.00	56.46 3.92 0.00	62.41 3.95 0.00	76.45 4.39 0.00	75.05 4.48 0.00	82.69 5.15 0.00	83.86 5.20 0.00	58.36 3.56 0.00	52.02 3.02 0.00

BRISTLHL_115KV_TB1 79998	40.01 -0.68 0.00	42.10 -0.70 0.00	44.85 -0.80 0.00	41.95 -0.74 0.00	40.10 -0.69 0.00	37.60 -0.48 0.00	68.94 -0.74 0.00	61.63 -0.17 0.00	41.81 0.10 0.00	35.01 0.05 0.00	39.04 0.06 0.00	41.63 0.11 0.00	41.71 0.26 0.00	41.80 0.34 0.00	42.91 0.25 0.00	45.23 0.32 0.00	53.02 0.48 0.00	58.52 0.06 0.00	72.16 0.10 0.00	70.65 0.08 0.00	77.51 -0.03 0.00	78.46 -0.21 0.00	54.49 -0.30 0.00	48.60 -0.40 0.00
BROOKHAVEN___DRP 24191	42.72 2.02 0.00	44.70 1.90 0.00	47.78 2.13 0.00	44.61 1.93 0.00	42.74 1.95 0.00	39.82 1.74 0.00	72.90 3.22 0.00	65.25 2.98 -0.46	43.30 1.59 0.00	35.79 0.84 0.00	40.30 1.32 0.00	42.74 1.21 0.00	42.81 1.36 0.00	43.01 1.54 0.00	44.81 2.15 0.00	47.68 2.77 0.00	56.05 3.50 0.00	62.19 3.73 0.00	76.26 4.20 0.00	74.86 4.29 0.00	82.36 4.82 0.00	83.39 4.72 0.00	58.05 3.25 0.00	51.69 2.68 0.00
BROOKLYN_NAVY_YARD 23515	42.23 1.53 0.00	44.16 1.36 0.00	47.29 1.64 0.00	44.20 1.52 0.00	42.16 1.37 0.00	39.35 1.27 0.00	72.23 2.55 0.00	64.63 2.36 -0.46	43.23 1.52 0.00	36.04 1.09 0.00	40.30 1.33 0.00	42.88 1.36 0.00	42.84 1.39 0.00	42.92 1.45 0.00	44.45 1.79 0.00	46.83 1.92 0.00	54.87 2.33 0.00	61.02 2.56 0.00	74.48 2.42 0.00	72.93 2.36 0.00	80.16 2.62 0.00	81.18 2.51 0.00	56.54 1.74 0.00	50.50 1.50 0.00
BROOKLYN___ARMY_DRP 323595	65.28 1.95 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.75 1.74 -22.22	64.92 1.62 -25.22	75.31 3.13 -2.49	66.36 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.91 -16.47	84.00 1.96 -40.59	59.88 1.99 -16.43	67.08 2.35 -22.07	60.22 2.52 -12.79	59.53 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.34 3.51 -1.30	122.21 3.48 -40.06	121.13 2.50 -63.83	98.24 2.20 -47.04
BROOKVLE_69_KV_TB1 55790	42.81 2.11 0.00	44.82 2.02 0.00	47.88 2.23 0.00	44.67 1.99 0.00	42.74 1.95 0.00	39.83 1.76 0.00	73.12 3.44 0.00	65.50 3.22 -0.46	43.48 1.77 0.00	36.15 1.20 0.00	40.65 1.67 0.00	43.20 1.68 0.00	43.11 1.66 0.00	43.24 1.78 0.00	44.95 2.29 0.00	47.64 2.73 0.00	55.85 3.31 0.00	61.86 3.40 0.00	75.79 3.74 0.00	74.31 3.74 0.00	81.67 4.13 0.00	82.69 4.03 0.00	57.64 2.85 0.00	51.52 2.52 0.00
BROOME_2_LFGE 323671	39.15 -1.02 0.51	40.78 -1.05 0.97	44.47 -1.07 0.11	41.66 -1.02 0.00	39.43 -0.93 0.43	36.42 -0.84 0.81	64.90 -1.48 3.30	59.66 -1.23 0.92	39.77 -0.75 1.19	35.91 -0.66 -1.62	38.39 -0.59 0.00	40.99 -0.54 0.00	40.75 -0.71 0.00	40.68 -0.76 0.02	40.87 -0.80 0.99	43.74 -0.84 0.33	50.33 -0.99 1.23	52.92 -1.08 4.46	66.41 -1.46 4.18	67.36 -1.33 1.88	75.44 -1.55 0.55	75.81 -1.68 1.18	53.72 -1.08 0.00	48.03 -0.98 0.00
BROOME___LFGE 323600	39.15 -1.02 0.51	40.78 -1.05 0.97	44.47 -1.07 0.11	41.66 -1.02 0.00	39.43 -0.93 0.43	36.42 -0.84 0.81	64.90 -1.48 3.30	59.66 -1.23 0.92	39.77 -0.75 1.19	35.91 -0.66 -1.62	38.39 -0.59 0.00	40.99 -0.54 0.00	40.75 -0.71 0.00	40.68 -0.76 0.02	40.87 -0.80 0.99	43.74 -0.84 0.33	50.33 -0.99 1.23	52.92 -1.08 4.46	66.41 -1.46 4.18	67.36 -1.33 1.88	75.44 -1.55 0.55	75.81 -1.68 1.18	53.72 -1.08 0.00	48.03 -0.98 0.00
BROWNFLS_115KV_TB_3_5 80003	41.48 0.79 0.00	43.89 1.09 0.00	46.70 1.05 0.00	43.48 0.80 0.00	41.48 0.69 0.00	39.30 1.23 0.00	73.23 3.55 0.00	65.35 3.54 0.00	43.95 2.24 0.00	36.46 1.51 0.00	40.64 1.67 0.00	43.91 2.39 0.00	45.04 3.59 0.00	45.51 4.04 0.00	45.92 3.26 0.00	47.20 2.29 0.00	55.20 2.65 0.00	60.81 2.35 0.00	75.08 3.02 0.00	73.22 2.65 0.00	80.67 3.14 0.00	81.96 3.29 0.00	56.86 2.07 0.00	50.56 1.56 0.00
BROWNSV1_27_KV_LOAD 356125	42.64 1.94 0.00	44.59 1.78 0.00	47.69 2.04 0.00	44.53 1.85 0.00	42.50 1.71 0.00	39.67 1.59 0.00	72.91 3.22 0.00	65.26 2.99 -0.46	43.62 1.91 0.00	36.40 1.45 0.00	40.73 1.75 0.00	43.37 1.85 0.00	43.31 1.86 0.00	43.34 1.88 0.00	44.91 2.25 0.00	47.35 2.43 0.00	55.47 2.93 0.00	61.67 3.21 0.00	75.37 3.31 0.00	73.84 3.27 0.00	81.17 3.64 0.00	82.19 3.52 0.00	57.21 2.42 0.00	51.07 2.07 0.00
BURROWS___LYONSDAL 23803	41.29 0.60 0.00	43.64 0.84 0.00	46.45 0.79 0.00	43.27 0.59 0.00	41.32 0.53 0.00	38.86 0.79 0.00	72.00 2.32 0.00	64.39 2.58 0.00	43.39 1.68 0.00	36.11 1.16 0.00	40.06 1.08 0.00	42.99 1.46 0.00	43.58 2.13 0.00	43.79 2.33 0.00	44.91 2.24 0.00	46.97 2.06 0.00	55.10 2.56 0.00	61.02 2.56 0.00	75.15 3.09 0.00	73.31 2.74 0.00	80.57 3.03 0.00	81.51 2.84 0.00	56.37 1.58 0.00	50.01 1.01 0.00
CAITHNESS_CC_1 323624	42.66 1.97 0.00	44.64 1.84 0.00	47.71 2.06 0.00	44.54 1.86 0.00	42.67 1.88 0.00	39.74 1.66 0.00	72.75 3.06 0.00	65.14 2.87 -0.46	43.24 1.53 0.00	35.77 0.82 0.00	40.27 1.30 0.00	42.71 1.19 0.00	42.80 1.35 0.00	42.99 1.53 0.00	44.76 2.10 0.00	47.62 2.71 0.00	55.97 3.43 0.00	62.09 3.64 0.00	76.12 4.06 0.00	74.73 4.16 0.00	82.20 4.66 0.00	83.26 4.59 0.00	57.95 3.16 0.00	51.61 2.60 0.00
CALPINE BETH_PAGE_GT4 24209	42.40 1.70 0.00	44.52 1.71 0.00	47.55 1.90 0.00	44.36 1.68 0.00	42.44 1.65 0.00	39.41 1.34 0.00	72.29 2.61 0.00	64.74 2.47 -0.46	43.00 1.29 0.00	35.71 0.76 0.00	40.10 1.13 0.00	42.58 1.05 0.00	42.56 1.11 0.00	42.74 1.27 0.00	44.48 1.81 0.00	47.20 2.29 0.00	55.40 2.85 0.00	61.37 2.92 0.00	75.21 3.16 0.00	73.78 3.21 0.00	81.08 3.54 0.00	82.15 3.48 0.00	57.19 2.39 0.00	51.04 2.03 0.00
CALPINE_BETH_PAGE_GT_4 323586	42.40 1.70 0.00	44.51 1.71 0.00	47.54 1.89 0.00	44.36 1.68 0.00	42.44 1.65 0.00	39.41 1.34 0.00	72.27 2.59 0.00	64.73 2.46 -0.46	42.99 1.28 0.00	35.71 0.76 0.00	40.10 1.13 0.00	42.57 1.05 0.00	42.57 1.12 0.00	42.75 1.28 0.00	44.47 1.81 0.00	47.19 2.28 0.00	55.39 2.85 0.00	61.38 2.92 0.00	75.21 3.15 0.00	73.78 3.20 0.00	81.08 3.54 0.00	82.15 3.48 0.00	57.18 2.39 0.00	51.03 2.03 0.00
CALPINE_BP_GT1 23823	42.40 1.70 0.00	44.51 1.71 0.00	47.54 1.89 0.00	44.36 1.68 0.00	42.44 1.65 0.00	39.41 1.34 0.00	72.27 2.59 0.00	64.73 2.46 -0.46	42.99 1.28 0.00	35.71 0.76 0.00	40.10 1.13 0.00	42.57 1.05 0.00	42.57 1.12 0.00	42.75 1.28 0.00	44.47 1.81 0.00	47.19 2.28 0.00	55.39 2.85 0.00	61.38 2.92 0.00	75.21 3.15 0.00	73.78 3.20 0.00	81.08 3.54 0.00	82.15 3.48 0.00	57.18 2.39 0.00	51.03 2.03 0.00
CALSPAN___DRP 24200	35.22 -4.16 1.31	36.63 -4.07 2.10	40.96 -4.46 0.24	38.70 -3.98 0.00	35.94 -3.93 0.93	32.66 -3.65 1.76	55.93 -6.63 7.12	53.19 -6.18 2.44	35.33 -3.82 2.56	31.99 -2.96 0.00	36.11 -2.87 0.00	38.83 -2.69 0.00	38.20 -3.26 0.00	37.62 -3.56 0.28	36.25 -3.97 2.44	39.87 -4.32 0.72	44.90 -4.95 2.70	43.23 -5.44 9.79	56.19 -6.11 9.75	58.30 -5.86 6.42	69.09 -6.58 1.87	69.39 -6.69 2.60	50.89 -3.90 0.00	45.91 -3.10 0.00

CALVERTON___SOLAR 323806	42.75 2.06 0.00	44.74 1.94 0.00	47.81 2.16 0.00	44.66 1.98 0.00	42.79 2.00 0.00	39.87 1.80 0.00	73.02 3.33 0.00	65.32 3.05 -0.46	43.35 1.64 0.00	35.81 0.86 0.00	40.31 1.34 0.00	42.75 1.23 0.00	42.83 1.38 0.00	43.01 1.55 0.00	44.84 2.18 0.00	47.71 2.80 0.00	56.08 3.54 0.00	62.26 3.80 0.00	76.36 4.31 0.00	74.96 4.38 0.00	82.46 4.93 0.00	83.51 4.84 0.00	58.09 3.30 0.00	51.71 2.71 0.00
CANDIGU_WT_PWR 323617	34.01 -3.67 3.01	35.51 -3.63 3.67	41.44 -3.79 0.41	39.33 -3.35 0.00	36.11 -3.05 1.63	32.15 -2.85 3.08	52.16 -5.04 12.48	53.35 -4.31 4.15	34.57 -2.65 4.49	34.78 -2.13 -1.96	36.82 -2.16 0.00	39.49 -2.03 0.00	39.01 -2.44 0.00	36.99 -3.11 1.36	33.99 -3.39 5.27	40.23 -3.43 1.25	43.73 -4.14 4.67	37.01 -4.47 16.97	49.86 -5.27 16.92	54.59 -4.81 11.17	68.80 -5.48 3.25	68.58 -5.59 4.50	51.43 -3.36 0.00	46.22 -2.78 0.00
CARR STREET_E_SYR 24060	39.36 -1.34 0.00	41.37 -1.43 0.00	44.10 -1.55 0.00	41.26 -1.42 0.00	39.47 -1.32 0.00	36.93 -1.14 0.00	67.55 -2.13 0.00	59.94 -1.86 0.00	40.58 -1.14 0.00	34.06 -0.89 0.00	38.00 -0.98 0.00	40.46 -1.07 0.00	40.33 -1.13 0.00	40.30 -1.17 0.00	41.44 -1.22 0.00	43.61 -1.30 0.00	51.08 -1.46 0.00	56.88 -1.58 0.00	70.10 -1.95 0.00	68.72 -1.86 0.00	75.45 -2.09 0.00	76.61 -2.06 0.00	53.38 -1.42 0.00	47.70 -1.31 0.00
CARTHAGE___PAPER 23857	41.54 0.85 0.00	44.01 1.21 0.00	46.80 1.16 0.00	43.52 0.84 0.00	41.56 0.77 0.00	39.29 1.22 0.00	73.24 3.56 0.00	66.09 4.29 0.00	44.50 2.79 0.00	36.78 1.83 0.00	40.74 1.77 0.00	43.93 2.40 0.00	45.11 3.65 0.00	45.64 4.18 0.00	46.55 3.89 0.00	48.58 3.66 0.00	57.05 4.51 0.00	62.43 3.97 0.00	76.94 4.89 0.00	74.82 4.25 0.00	82.40 4.86 0.00	83.25 4.58 0.00	57.40 2.61 0.00	50.70 1.70 0.00
CASSADAGA_WT_PWR 323784	35.35 -3.96 1.38	36.69 -3.78 2.32	41.39 -3.99 0.26	39.19 -3.50 0.00	36.50 -3.26 1.03	33.24 -2.89 1.95	56.89 -4.91 7.88	54.45 -4.65 2.70	36.04 -2.82 2.84	26.97 -2.13 5.85	36.83 -2.15 0.00	39.75 -1.77 0.00	38.67 -2.79 0.00	37.70 -3.55 0.22	36.42 -3.63 2.61	40.66 -3.45 0.80	46.01 -3.54 2.99	43.30 -4.31 10.85	55.85 -5.40 10.81	58.82 -4.64 7.11	71.07 -4.40 2.07	71.21 -4.58 2.87	52.27 -2.52 0.00	47.03 -1.98 0.00
CE_DUNWOOD___DRP 24194	42.25 1.55 0.00	44.21 1.41 0.00	47.26 1.61 0.00	44.12 1.44 0.00	42.12 1.33 0.00	39.29 1.22 0.00	72.10 2.42 0.00	64.49 2.22 -0.46	43.08 1.36 0.00	35.94 0.99 0.00	40.18 1.21 0.00	42.79 1.27 0.00	42.78 1.32 0.00	42.82 1.36 0.00	44.36 1.70 0.00	46.76 1.85 0.00	54.79 2.25 0.00	60.93 2.47 0.00	74.55 2.50 0.00	73.02 2.45 0.00	80.29 2.75 0.00	81.31 2.65 0.00	56.61 1.82 0.00	50.53 1.53 0.00
CE_MILLWOOD___DRP 24193	42.18 1.48 0.00	44.15 1.35 0.00	47.21 1.56 0.00	44.06 1.38 0.00	42.08 1.29 0.00	39.25 1.18 0.00	72.02 2.34 0.00	64.37 2.10 -0.46	43.00 1.29 0.00	35.87 0.92 0.00	40.10 1.12 0.00	42.71 1.19 0.00	42.69 1.24 0.00	42.74 1.27 0.00	44.26 1.60 0.00	46.64 1.73 0.00	54.68 2.13 0.00	60.79 2.33 0.00	74.41 2.36 0.00	72.89 2.31 0.00	80.14 2.60 0.00	81.17 2.50 0.00	56.52 1.72 0.00	50.44 1.43 0.00
CE_NYC2_DRP 24202	42.37 1.68 0.00	44.32 1.52 0.00	47.43 1.78 0.00	44.29 1.60 0.00	42.28 1.49 0.00	39.44 1.37 0.00	72.41 2.73 0.00	64.81 2.54 -0.46	43.37 1.66 0.00	36.19 1.24 0.00	40.98 1.58 -0.43	43.71 1.63 -0.57	43.11 1.65 0.00	43.15 1.68 0.00	44.70 2.04 0.00	47.10 2.19 0.00	55.17 2.63 0.00	61.28 2.82 0.00	89.03 2.50 -14.15	75.73 2.73 -2.43	80.58 3.05 0.00	81.64 2.97 0.00	56.89 2.10 0.00	50.84 1.83 0.00
CE_NYC_DRP 24195	42.30 1.61 0.00	44.23 1.42 0.00	47.32 1.67 0.00	44.17 1.49 0.00	42.16 1.37 0.00	39.33 1.25 0.00	71.63 2.55 0.60	64.62 2.35 -0.46	43.20 1.49 0.00	36.05 1.10 0.00	40.36 1.38 0.00	42.98 1.45 0.00	42.94 1.49 0.00	42.99 1.52 0.00	44.54 1.88 0.00	46.93 2.02 0.00	55.00 2.46 0.00	61.15 2.69 0.00	74.72 2.66 0.00	73.16 2.59 0.00	80.43 2.90 0.00	81.44 2.77 0.00	56.71 1.92 0.00	50.64 1.63 0.00
CHAFFEE___LFGE 323603	35.54 -3.81 1.34	36.87 -3.71 2.22	41.36 -4.04 0.25	39.06 -3.62 0.00	36.24 -3.56 0.99	32.87 -3.34 1.87	56.14 -6.00 7.54	53.59 -5.63 2.59	35.57 -3.42 2.72	26.75 -2.65 5.55	36.46 -2.51 0.00	39.22 -2.31 0.00	38.55 -2.90 0.00	38.02 -3.21 0.24	36.56 -3.57 2.53	40.24 -3.91 0.76	45.23 -4.45 2.86	43.17 -4.89 10.40	56.21 -5.49 10.36	58.53 -5.22 6.82	69.62 -5.94 1.98	69.82 -6.10 2.76	51.32 -3.48 0.00	46.25 -2.75 0.00
CHATEAUG_35_KV_LOAD 355732	41.03 0.34 0.00	43.27 0.46 0.00	46.21 0.56 0.00	43.06 0.38 0.00	41.28 0.49 0.00	38.82 0.74 0.00	71.50 1.82 0.00	63.37 1.57 0.00	42.80 1.10 0.00	35.98 1.03 0.00	40.06 1.08 0.00	42.93 1.41 0.00	42.99 1.54 0.00	43.06 1.59 0.00	44.06 1.40 0.00	46.36 1.45 0.00	54.06 1.52 0.00	59.93 1.48 0.00	74.10 2.04 0.00	72.24 1.67 0.00	79.61 2.07 0.00	81.03 2.36 0.00	56.34 1.54 0.00	50.55 1.54 0.00
CHATEAUG_WT_PWR 323614	40.90 0.21 0.00	43.13 0.32 0.00	46.07 0.43 0.00	42.90 0.22 0.00	41.13 0.34 0.00	38.64 0.57 0.00	71.23 1.55 0.00	63.14 1.33 0.00	42.67 0.96 0.00	35.88 0.93 0.00	39.96 0.99 0.00	42.79 1.27 0.00	42.82 1.36 0.00	42.85 1.39 0.00	43.93 1.27 0.00	46.25 1.34 0.00	53.92 1.37 0.00	59.76 1.30 0.00	73.81 1.75 0.00	71.93 1.36 0.00	79.36 1.82 0.00	80.70 2.03 0.00	56.14 1.34 0.00	50.41 1.40 0.00
CHAT_HIGH_FALL_HYD 323578	41.03 0.34 0.00	43.27 0.46 0.00	46.21 0.56 0.00	43.06 0.38 0.00	41.28 0.49 0.00	38.82 0.74 0.00	71.50 1.82 0.00	63.37 1.57 0.00	42.80 1.10 0.00	35.98 1.03 0.00	40.06 1.08 0.00	42.93 1.41 0.00	42.99 1.54 0.00	43.06 1.59 0.00	44.06 1.40 0.00	46.36 1.45 0.00	54.06 1.52 0.00	59.93 1.48 0.00	74.10 2.04 0.00	72.24 1.67 0.00	79.61 2.07 0.00	81.03 2.36 0.00	56.34 1.54 0.00	50.55 1.54 0.00
CHAUTAUQUA___LFGE 323629	35.31 -4.03 1.35	36.66 -3.92 2.22	41.22 -4.18 0.25	38.94 -3.74 0.00	36.23 -3.58 0.99	32.98 -3.23 1.87	56.45 -5.69 7.54	54.00 -5.23 2.59	35.75 -3.24 2.71	26.74 -2.55 5.65	36.44 -2.54 0.00	39.28 -2.25 0.00	38.33 -3.12 0.00	37.58 -3.63 0.26	36.27 -3.85 2.54	40.27 -3.88 0.76	45.42 -4.27 2.85	43.13 -4.97 10.35	55.85 -5.89 10.31	58.58 -5.20 6.79	70.14 -5.42 1.97	70.29 -5.64 2.74	51.54 -3.25 0.00	46.39 -2.62 0.00
CHERRYST_13_KV_LD 356241	42.39 1.70 0.00	44.33 1.53 0.00	47.45 1.80 0.00	44.30 1.62 0.00	42.25 1.46 0.00	39.44 1.36 0.00	71.54 2.76 0.90	64.80 2.54 -0.46	43.34 1.63 0.00	36.18 1.23 0.00	40.49 1.52 0.00	43.13 1.61 0.00	43.08 1.63 0.00	43.13 1.67 0.00	44.70 2.04 0.00	47.09 2.18 0.00	55.19 2.65 0.00	61.35 2.88 0.00	74.95 2.90 0.00	73.37 2.80 0.00	80.65 3.11 0.00	81.64 2.98 0.00	56.86 2.06 0.00	50.76 1.76 0.00

CHESTROR_138KV_BK263 355645	41.89 1.20 0.00	43.89 1.08 0.00	46.91 1.26 0.00	43.81 1.12 0.00	41.84 1.05 0.00	39.03 0.95 0.00	71.59 1.91 0.00	63.93 1.70 -0.43	42.73 1.02 0.00	35.68 0.73 0.00	39.79 0.81 0.00	42.36 0.84 0.00	42.40 0.94 0.00	42.42 0.95 0.00	43.91 1.25 0.00	46.25 1.34 0.00	54.22 1.68 0.00	60.33 1.87 0.00	73.90 1.85 0.00	72.41 1.84 0.00	79.61 2.07 0.00	80.67 2.00 0.00	56.15 1.35 0.00	50.12 1.12 0.00
CH_MIDHUDSON___DRP 24192	42.39 1.70 0.00	44.39 1.59 0.00	47.42 1.78 0.00	44.30 1.61 0.00	42.30 1.51 0.00	39.44 1.37 0.00	72.39 2.71 0.00	64.75 2.46 -0.48	43.26 1.55 0.00	36.09 1.14 0.00	40.26 1.28 0.00	42.82 1.30 0.00	42.81 1.36 0.00	42.86 1.40 0.00	44.38 1.72 0.00	46.77 1.86 0.00	54.84 2.29 0.00	61.06 2.60 0.00	74.82 2.76 0.00	73.30 2.73 0.00	80.54 3.00 0.00	81.60 2.93 0.00	56.75 1.96 0.00	50.62 1.62 0.00
CH_MISC_IPPS 23765	42.54 1.85 0.00	44.55 1.74 0.00	47.59 1.93 0.00	44.45 1.77 0.00	42.45 1.66 0.00	39.61 1.54 0.00	72.72 3.04 0.00	65.03 2.75 -0.47	43.44 1.73 0.00	36.24 1.29 0.00	40.40 1.43 0.00	42.99 1.46 0.00	43.01 1.56 0.00	43.06 1.60 0.00	44.59 1.93 0.00	46.98 2.07 0.00	55.09 2.54 0.00	61.37 2.91 0.00	75.20 3.14 0.00	73.68 3.11 0.00	80.96 3.42 0.00	81.99 3.32 0.00	57.02 2.23 0.00	50.86 1.86 0.00
CH_RES_BVR_FALLS 23983	40.71 0.02 0.00	43.01 0.21 0.00	45.80 0.15 0.00	42.73 0.04 0.00	40.86 0.06 0.00	38.14 0.07 0.00	69.84 0.16 0.00	61.97 0.16 0.00	41.70 -0.01 0.00	34.97 0.01 0.00	39.08 0.11 0.00	41.85 0.33 0.00	41.84 0.39 0.00	41.88 0.41 0.00	42.97 0.31 0.00	45.27 0.36 0.00	52.88 0.33 0.00	58.80 0.34 0.00	72.72 0.66 0.00	71.08 0.51 0.00	78.14 0.60 0.00	79.48 0.81 0.00	55.29 0.49 0.00	49.44 0.43 0.00
CH_RES_NIAGARA 23895	33.97 -5.61 1.11	35.44 -5.55 1.81	39.31 -6.14 0.20	37.14 -5.54 0.00	34.50 -5.48 0.81	31.43 -5.12 1.52	54.18 -9.32 6.17	50.91 -8.78 2.12	33.96 -5.53 2.22	30.60 -4.35 0.00	34.61 -4.37 0.00	37.14 -4.38 0.00	36.49 -4.96 0.00	36.12 -5.13 0.22	34.99 -5.58 2.09	38.11 -6.18 0.62	43.01 -7.21 2.32	42.10 -7.93 8.44	54.58 -9.08 8.39	56.27 -8.79 5.52	66.09 -9.85 1.61	66.39 -10.05 2.23	48.64 -6.15 0.00	44.04 -4.97 0.00
CH_RES_SYRACUSE 23985	39.85 -0.85 0.00	41.89 -0.91 0.00	44.67 -0.98 0.00	41.78 -0.90 0.00	39.97 -0.82 0.00	37.41 -0.66 0.00	68.51 -1.17 0.00	60.85 -0.96 0.00	41.19 -0.52 0.00	34.56 -0.40 0.00	38.54 -0.43 0.00	41.06 -0.47 0.00	40.95 -0.50 0.00	40.91 -0.55 0.00	42.06 -0.60 0.00	44.30 -0.62 0.00	51.92 -0.62 0.00	57.72 -0.74 0.00	71.13 -0.93 0.00	69.71 -0.86 0.00	76.49 -1.05 0.00	77.52 -1.15 0.00	53.97 -0.82 0.00	48.19 -0.82 0.00
CLINTON_WT_PWR 323605	40.90 0.21 0.00	43.13 0.32 0.00	46.07 0.43 0.00	42.90 0.22 0.00	41.13 0.34 0.00	38.64 0.57 0.00	71.23 1.55 0.00	63.14 1.33 0.00	42.67 0.96 0.00	35.88 0.93 0.00	39.96 0.99 0.00	42.79 1.27 0.00	42.82 1.36 0.00	42.85 1.39 0.00	43.93 1.27 0.00	46.25 1.34 0.00	53.92 1.37 0.00	59.76 1.30 0.00	73.81 1.75 0.00	71.93 1.36 0.00	79.36 1.82 0.00	80.70 2.03 0.00	56.14 1.34 0.00	50.41 1.40 0.00
CLINTON___LFGE 323618	41.27 0.58 0.00	43.55 0.75 0.00	46.68 1.03 0.00	43.33 0.65 0.00	41.59 0.79 0.00	39.09 1.02 0.00	72.45 2.77 0.00	64.28 2.47 0.00	43.49 1.78 0.00	36.64 1.69 0.00	40.64 1.67 0.00	43.61 2.09 0.00	43.62 2.17 0.00	43.65 2.19 0.00	44.85 2.19 0.00	47.33 2.42 0.00	55.15 2.61 0.00	60.86 2.40 0.00	74.96 2.91 0.00	72.95 2.38 0.00	80.82 3.28 0.00	82.04 3.37 0.00	56.95 2.15 0.00	51.36 2.36 0.00
COBBLENY_34_KV_TB1 80064	35.54 -3.81 1.34	36.87 -3.71 2.22	41.34 -4.06 0.25	39.06 -3.62 0.00	36.24 -3.57 0.99	32.87 -3.34 1.87	56.10 -6.04 7.54	53.60 -5.63 2.59	35.57 -3.43 2.72	32.31 -2.65 0.00	36.46 -2.51 0.00	39.20 -2.32 0.00	38.56 -2.89 0.00	38.01 -3.22 0.24	36.56 -3.57 2.53	40.24 -3.91 0.76	45.21 -4.47 2.86	43.17 -4.90 10.40	56.24 -5.46 10.36	58.51 -5.24 6.82	69.61 -5.95 1.98	69.82 -6.09 2.76	51.30 -3.49 0.00	46.24 -2.76 0.00
COFFEEN___115KV_TB3 355620	41.46 0.77 0.00	43.88 1.08 0.00	46.66 1.01 0.00	43.43 0.75 0.00	41.50 0.71 0.00	39.25 1.18 0.00	73.13 3.45 0.00	66.38 4.57 0.00	44.73 3.02 0.00	36.84 1.89 0.00	40.85 1.88 0.00	44.00 2.48 0.00	45.29 3.84 0.00	45.91 4.44 0.00	46.86 4.20 0.00	49.04 4.12 0.00	57.71 5.16 0.00	62.81 4.35 0.00	77.37 5.31 0.00	75.19 4.61 0.00	82.79 5.25 0.00	83.52 4.85 0.00	57.48 2.69 0.00	50.68 1.68 0.00
COLDSPRG_115KV_BK1 355956	36.70 -2.58 1.41	37.90 -2.42 2.48	42.76 -2.61 0.28	40.40 -2.28 0.00	37.52 -2.17 1.10	34.01 -1.98 2.09	57.75 -3.50 8.43	55.62 -3.29 2.89	36.80 -1.88 3.04	33.54 -1.41 0.00	37.82 -1.15 0.00	40.64 -0.89 0.00	39.82 -1.63 0.00	39.24 -2.06 0.17	37.77 -2.18 2.71	41.90 -2.16 0.85	46.95 -2.39 3.20	43.87 -2.96 11.63	56.99 -3.48 11.58	59.84 -3.10 7.63	72.06 -3.25 2.22	72.33 -3.25 3.08	53.22 -1.58 0.00	47.86 -1.15 0.00
COLONIE_LFGE___ 323577	42.62 1.93 0.00	44.72 1.92 0.00	47.74 2.09 0.00	44.69 2.01 0.00	42.72 1.93 0.00	39.77 1.69 0.00	72.87 3.19 0.00	68.73 2.87 -4.05	43.60 1.89 0.00	36.41 1.46 0.00	40.39 1.42 0.00	42.90 1.37 0.00	42.85 1.39 0.00	42.93 1.46 0.00	44.34 1.68 0.00	46.72 1.81 0.00	54.74 2.20 0.00	61.07 2.61 0.00	74.99 2.93 0.00	73.45 2.87 0.00	80.68 3.14 0.00	81.85 3.18 0.00	56.88 2.09 0.00	50.81 1.81 0.00
COOPERNY_115KV_TB1 80082	41.48 0.78 0.00	43.51 0.71 0.00	46.49 0.84 0.00	43.42 0.73 0.00	41.48 0.69 0.00	38.69 0.62 0.00	70.90 1.22 0.00	63.24 1.08 -0.35	42.38 0.67 0.00	35.48 0.53 0.00	39.48 0.51 0.00	42.07 0.54 0.00	42.04 0.59 0.00	42.07 0.61 0.00	43.46 0.80 0.00	45.80 0.89 0.00	53.64 1.10 0.00	59.66 1.20 0.00	73.18 1.13 0.00	71.74 1.17 0.00	78.85 1.31 0.00	79.92 1.25 0.00	55.65 0.86 0.00	49.70 0.70 0.00
COPENHAGEN_WT_PWR 323753	40.62 -0.07 0.00	43.06 0.26 0.00	45.80 0.15 0.00	42.61 -0.08 0.00	40.76 -0.03 0.00	38.52 0.44 0.00	71.69 2.01 0.00	65.28 3.47 0.00	44.08 2.37 0.00	36.42 1.47 0.00	40.26 1.29 0.00	43.37 1.85 0.00	44.75 3.30 0.00	45.28 3.82 0.00	46.23 3.57 0.00	48.38 3.47 0.00	56.89 4.34 0.00	61.80 3.34 0.00	76.10 4.05 0.00	73.83 3.26 0.00	81.48 3.94 0.00	82.21 3.54 0.00	56.52 1.73 0.00	49.78 0.77 0.00
CORNELL_____ 23752	45.56 -0.31 -5.18	52.10 -0.31 -9.61	46.43 -0.30 -1.08	42.44 -0.25 -0.01	44.88 -0.18 -4.28	46.08 -0.07 -8.07	102.55 0.17 -32.70	73.44 0.28 -11.35	53.73 0.25 -11.77	35.18 0.23 0.00	39.30 0.33 0.00	41.90 0.38 0.00	41.63 0.17 0.00	41.88 0.09 -0.32	52.70 0.03 -10.00	48.13 -0.05 -3.27	64.84 0.07 -12.23	103.23 0.34 -44.44	117.10 0.45 -44.60	101.51 0.47 -30.46	86.75 0.34 -8.86	90.61 0.17 -11.78	54.90 0.10 0.00	48.99 -0.01 0.00

CORONA_69_KV_TB1 355595	42.69 2.00 0.00	44.69 1.89 0.00	47.74 2.09 0.00	44.53 1.85 0.00	42.61 1.82 0.00	39.70 1.63 0.00	72.84 3.16 0.00	65.21 2.94 -0.46	43.36 1.65 0.00	36.07 1.12 0.00	40.49 1.52 0.00	43.03 1.51 0.00	43.02 1.57 0.00	43.14 1.68 0.00	44.88 2.22 0.00	47.54 2.62 0.00	55.79 3.25 0.00	61.88 3.42 0.00	75.83 3.78 0.00	74.34 3.76 0.00	81.63 4.09 0.00	82.57 3.90 0.00	57.50 2.70 0.00	51.27 2.26 0.00
CORTLAND_115KV_TB3 80093	41.59 -0.49 -1.38	44.89 -0.51 -2.60	45.40 -0.54 -0.29	42.20 -0.48 0.00	41.52 -0.43 -1.16	39.95 -0.31 -2.18	78.19 -0.35 -8.85	64.61 -0.27 -3.07	44.78 -0.15 -3.22	34.76 -0.19 0.00	38.82 -0.16 0.00	41.40 -0.12 0.00	41.31 -0.15 0.00	41.33 -0.20 -0.06	45.16 -0.22 -2.72	45.54 -0.27 -0.89	55.67 -0.22 -3.35	70.46 -0.17 -12.17	83.89 -0.24 -12.07	78.61 -0.16 -8.19	79.61 -0.31 -2.38	81.42 -0.44 -3.18	54.48 -0.32 0.00	48.64 -0.36 0.00
COXSACKIE___GT 23611	43.57 2.88 0.00	45.75 2.94 0.00	48.79 3.14 0.00	45.65 2.97 0.00	43.62 2.83 0.00	40.65 2.57 0.00	74.65 4.96 0.00	67.90 4.46 -1.63	44.69 2.98 0.00	36.56 1.61 0.00	40.70 1.73 0.00	42.87 1.35 0.00	42.85 1.40 0.00	43.18 1.71 0.00	44.76 2.10 0.00	47.43 2.52 0.00	55.77 3.22 0.00	62.41 3.95 0.00	76.78 4.73 0.00	75.17 4.59 0.00	82.30 4.77 0.00	83.26 4.59 0.00	58.03 3.23 0.00	51.95 2.95 0.00
CPV_VALLEY___CC1 323721	41.59 0.90 0.00	43.59 0.79 0.00	46.58 0.93 0.00	43.50 0.82 0.00	41.55 0.76 0.00	38.76 0.68 0.00	71.03 1.35 0.00	63.42 1.21 -0.40	42.44 0.73 0.00	35.44 0.49 0.00	39.54 0.56 0.00	42.11 0.59 0.00	42.12 0.67 0.00	42.16 0.69 0.00	43.58 0.92 0.00	45.91 1.00 0.00	53.79 1.25 0.00	59.84 1.38 0.00	73.30 1.25 0.00	71.85 1.27 0.00	78.98 1.44 0.00	80.04 1.37 0.00	55.71 0.92 0.00	49.75 0.75 0.00
CPV_VALLEY___CC2 323722	41.59 0.90 0.00	43.59 0.79 0.00	46.58 0.93 0.00	43.50 0.82 0.00	41.55 0.76 0.00	38.76 0.68 0.00	71.03 1.35 0.00	63.42 1.21 -0.40	42.44 0.73 0.00	35.44 0.49 0.00	39.54 0.56 0.00	42.11 0.59 0.00	42.12 0.67 0.00	42.16 0.69 0.00	43.58 0.92 0.00	45.91 1.00 0.00	53.79 1.25 0.00	59.84 1.38 0.00	73.30 1.25 0.00	71.85 1.27 0.00	78.98 1.44 0.00	80.04 1.37 0.00	55.71 0.92 0.00	49.75 0.75 0.00
CRESCENT___HYD 24018	42.62 1.93 0.00	44.72 1.92 0.00	47.74 2.09 0.00	44.69 2.01 0.00	42.72 1.93 0.00	39.77 1.69 0.00	72.87 3.19 0.00	68.73 2.87 -4.05	43.60 1.89 0.00	36.41 1.46 0.00	40.39 1.42 0.00	42.90 1.37 0.00	42.85 1.39 0.00	42.93 1.46 0.00	44.34 1.68 0.00	46.72 1.81 0.00	54.74 2.20 0.00	61.07 2.61 0.00	74.99 2.93 0.00	73.45 2.87 0.00	80.68 3.14 0.00	81.85 3.18 0.00	56.88 2.09 0.00	50.81 1.81 0.00
CRICKET___VALLEY_CC1 323756	42.20 1.50 0.00	44.13 1.33 0.00	47.12 1.47 0.00	44.04 1.35 0.00	42.07 1.28 0.00	39.20 1.13 0.00	71.86 2.17 0.00	64.34 1.97 -0.56	42.94 1.23 0.00	35.82 0.88 0.00	39.97 0.99 0.00	42.51 0.98 0.00	42.43 0.98 0.00	42.48 1.01 0.00	43.99 1.33 0.00	46.36 1.45 0.00	54.33 1.79 0.00	60.52 2.06 0.00	74.19 2.13 0.00	72.66 2.09 0.00	79.79 2.25 0.00	80.89 2.22 0.00	56.26 1.47 0.00	50.16 1.16 0.00
CRICKET___VALLEY_CC2 323757	42.20 1.50 0.00	44.13 1.33 0.00	47.12 1.47 0.00	44.04 1.35 0.00	42.07 1.28 0.00	39.20 1.13 0.00	71.86 2.17 0.00	64.34 1.97 -0.56	42.94 1.23 0.00	35.82 0.88 0.00	39.97 0.99 0.00	42.51 0.98 0.00	42.43 0.98 0.00	42.48 1.01 0.00	43.99 1.33 0.00	46.36 1.45 0.00	54.33 1.79 0.00	60.52 2.06 0.00	74.19 2.13 0.00	72.66 2.09 0.00	79.79 2.25 0.00	80.89 2.22 0.00	56.26 1.47 0.00	50.16 1.16 0.00
CRICKET___VALLEY_CC3 323758	42.20 1.50 0.00	44.13 1.33 0.00	47.12 1.47 0.00	44.04 1.35 0.00	42.07 1.28 0.00	39.20 1.13 0.00	71.86 2.17 0.00	64.34 1.97 -0.56	42.94 1.23 0.00	35.82 0.88 0.00	39.97 0.99 0.00	42.51 0.98 0.00	42.43 0.98 0.00	42.48 1.01 0.00	43.99 1.33 0.00	46.36 1.45 0.00	54.33 1.79 0.00	60.52 2.06 0.00	74.19 2.13 0.00	72.66 2.09 0.00	79.79 2.25 0.00	80.89 2.22 0.00	56.26 1.47 0.00	50.16 1.16 0.00
CRUCIBLE_METL_DRP 24180	39.85 -0.84 0.00	41.89 -0.91 0.00	44.67 -0.98 0.00	41.79 -0.90 0.00	39.97 -0.82 0.00	37.41 -0.66 0.00	68.51 -1.17 0.00	60.85 -0.96 0.00	41.19 -0.52 0.00	34.56 -0.40 0.00	38.54 -0.43 0.00	41.05 -0.47 0.00	40.95 -0.50 0.00	40.92 -0.55 0.00	42.05 -0.60 0.00	44.30 -0.62 0.00	51.92 -0.63 0.00	57.72 -0.74 0.00	71.13 -0.92 0.00	69.71 -0.86 0.00	76.49 -1.04 0.00	77.52 -1.15 0.00	53.97 -0.82 0.00	48.19 -0.81 0.00
DAHOWA___HYDRO 323763	43.73 3.03 0.00	46.00 3.19 0.00	49.12 3.47 0.00	46.04 3.36 0.00	44.06 3.27 0.00	41.09 3.01 0.00	75.63 5.95 0.00	71.72 5.35 -4.56	45.27 3.56 0.00	37.68 2.73 0.00	41.68 2.70 0.00	44.22 2.70 0.00	44.26 2.81 0.00	44.41 2.95 0.00	45.89 3.23 0.00	48.44 3.53 0.00	56.83 4.29 0.00	63.53 5.08 0.00	78.08 6.03 0.00	76.41 5.83 0.00	83.74 6.20 0.00	84.90 6.23 0.00	58.88 4.08 0.00	52.55 3.54 0.00
DANC___LFGE 323619	40.35 -0.35 0.00	42.63 -0.17 0.00	45.39 -0.26 0.00	42.31 -0.38 0.00	40.45 -0.34 0.00	38.10 0.02 0.00	70.46 0.78 0.00	64.24 2.43 0.00	43.63 1.92 0.00	36.16 1.21 0.00	40.17 1.19 0.00	43.19 1.67 0.00	44.31 2.86 0.00	44.74 3.28 0.00	45.74 3.07 0.00	47.93 3.02 0.00	56.27 3.73 0.00	60.42 1.97 0.00	74.33 2.28 0.00	72.36 1.79 0.00	79.68 2.14 0.00	80.60 1.94 0.00	55.63 0.84 0.00	49.24 0.23 0.00
DANSKAMMER___1 23586	42.54 1.85 0.00	44.55 1.74 0.00	47.59 1.93 0.00	44.45 1.77 0.00	42.45 1.66 0.00	39.61 1.54 0.00	72.72 3.04 0.00	65.03 2.75 -0.47	43.44 1.73 0.00	36.24 1.29 0.00	40.40 1.43 0.00	42.99 1.46 0.00	43.01 1.56 0.00	43.06 1.60 0.00	44.59 1.93 0.00	46.98 2.07 0.00	55.09 2.54 0.00	61.37 2.91 0.00	75.20 3.14 0.00	73.68 3.11 0.00	80.96 3.42 0.00	81.99 3.32 0.00	57.02 2.23 0.00	50.86 1.86 0.00
DANSKAMMER___2 23589	42.54 1.85 0.00	44.55 1.74 0.00	47.59 1.93 0.00	44.45 1.77 0.00	42.45 1.66 0.00	39.61 1.54 0.00	72.72 3.04 0.00	65.03 2.75 -0.47	43.44 1.73 0.00	36.24 1.29 0.00	40.40 1.43 0.00	42.99 1.46 0.00	43.01 1.56 0.00	43.06 1.60 0.00	44.59 1.93 0.00	46.98 2.07 0.00	55.09 2.54 0.00	61.37 2.91 0.00	75.20 3.14 0.00	73.68 3.11 0.00	80.96 3.42 0.00	81.99 3.32 0.00	57.02 2.23 0.00	50.86 1.86 0.00
DANSKAMMER___3 23590	42.54 1.85 0.00	44.55 1.74 0.00	47.59 1.93 0.00	44.45 1.77 0.00	42.45 1.66 0.00	39.61 1.54 0.00	72.72 3.04 0.00	65.03 2.75 -0.47	43.44 1.73 0.00	36.24 1.29 0.00	40.40 1.43 0.00	42.99 1.46 0.00	43.01 1.56 0.00	43.06 1.60 0.00	44.59 1.93 0.00	46.98 2.07 0.00	55.09 2.54 0.00	61.37 2.91 0.00	75.20 3.14 0.00	73.68 3.11 0.00	80.96 3.42 0.00	81.99 3.32 0.00	57.02 2.23 0.00	50.86 1.86 0.00

DANSKAMMER___4 23591	42.54 1.85 0.00	44.55 1.74 0.00	47.59 1.93 0.00	44.45 1.77 0.00	42.45 1.66 0.00	39.61 1.54 0.00	72.72 3.04 0.00	65.03 2.75 -0.47	43.44 1.73 0.00	36.24 1.29 0.00	40.40 1.43 0.00	42.99 1.46 0.00	43.01 1.56 0.00	43.06 1.60 0.00	44.59 1.93 0.00	46.98 2.07 0.00	55.09 2.54 0.00	61.37 2.91 0.00	75.20 3.14 0.00	73.68 3.11 0.00	80.96 3.42 0.00	81.99 3.32 0.00	57.02 2.23 0.00	50.86 1.86 0.00
DANSKAMMER___DIESEL 23592	42.54 1.84 0.00	44.55 1.74 0.00	47.59 1.94 0.00	44.45 1.77 0.00	42.45 1.66 0.00	39.61 1.54 0.00	72.73 3.04 0.00	65.04 2.76 -0.47	43.44 1.73 0.00	36.24 1.29 0.00	40.40 1.43 0.00	42.99 1.47 0.00	42.99 1.54 0.00	43.05 1.58 0.00	44.59 1.93 0.00	46.99 2.08 0.00	55.09 2.54 0.00	61.36 2.90 0.00	75.20 3.15 0.00	73.68 3.11 0.00	80.95 3.42 0.00	81.98 3.32 0.00	57.02 2.22 0.00	50.86 1.85 0.00
DARBY___SOLAR 323810	43.46 2.77 0.00	45.72 2.91 0.00	48.84 3.19 0.00	45.75 3.07 0.00	43.76 2.97 0.00	40.80 2.72 0.00	75.03 5.35 0.00	71.12 4.80 -4.51	44.90 3.19 0.00	37.38 2.43 0.00	41.36 2.39 0.00	43.91 2.38 0.00	43.95 2.50 0.00	44.09 2.62 0.00	45.55 2.89 0.00	48.06 3.15 0.00	56.39 3.85 0.00	63.00 4.55 0.00	77.42 5.36 0.00	75.77 5.20 0.00	83.09 5.55 0.00	84.24 5.57 0.00	58.45 3.66 0.00	52.18 3.17 0.00
DASHVILLE___HYD 23610	42.33 1.64 0.00	44.34 1.54 0.00	47.37 1.72 0.00	44.24 1.56 0.00	42.26 1.47 0.00	39.39 1.32 0.00	72.27 2.59 0.00	64.88 2.36 -0.71	43.20 1.49 0.00	36.04 1.09 0.00	40.19 1.22 0.00	42.69 1.16 0.00	42.68 1.23 0.00	42.75 1.28 0.00	44.27 1.62 0.00	46.67 1.76 0.00	54.75 2.21 0.00	60.95 2.49 0.00	74.70 2.64 0.00	73.22 2.65 0.00	80.45 2.91 0.00	81.50 2.83 0.00	56.70 1.90 0.00	50.57 1.56 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	42.52 1.82 0.00	44.49 1.69 0.00	47.59 1.94 0.00	44.45 1.76 0.00	42.60 1.81 0.00	39.75 1.67 0.00	72.85 3.17 0.00	65.23 2.95 -0.46	43.22 1.51 0.00	35.64 0.69 0.00	40.21 1.24 0.00	42.67 1.15 0.00	42.74 1.29 0.00	42.80 1.33 0.00	44.66 2.00 0.00	47.47 2.56 0.00	55.75 3.21 0.00	61.92 3.46 0.00	76.02 3.97 0.00	74.64 4.07 0.00	82.30 4.76 0.00	83.31 4.64 0.00	57.86 3.07 0.00	51.36 2.36 0.00
DELAWARE___LFGE 323621	41.32 0.63 0.00	43.49 0.69 0.00	46.45 0.80 0.00	43.40 0.72 0.00	41.47 0.68 0.00	38.69 0.61 0.00	70.99 1.30 0.00	63.66 1.18 -0.67	42.46 0.75 0.00	35.47 0.52 0.00	39.67 0.69 0.00	42.27 0.75 0.00	42.18 0.73 0.00	42.21 0.75 0.00	43.50 0.84 0.00	45.80 0.89 0.00	53.66 1.12 0.00	59.66 1.20 0.00	73.26 1.21 0.00	71.81 1.24 0.00	78.86 1.32 0.00	79.89 1.23 0.00	55.63 0.84 0.00	49.68 0.68 0.00
DERFIELD_115KV_TB7 355931	40.81 0.12 0.00	42.93 0.13 0.00	45.78 0.12 0.00	42.80 0.12 0.00	40.91 0.12 0.00	38.18 0.10 0.00	69.83 0.15 0.00	61.98 0.17 0.00	41.82 0.11 0.00	34.99 0.04 0.00	39.01 0.04 0.00	41.54 0.02 0.00	41.50 0.04 0.00	41.53 0.06 0.00	42.80 0.14 0.00	45.05 0.13 0.00	52.77 0.23 0.00	58.74 0.28 0.00	72.25 0.19 0.00	70.74 0.16 0.00	77.69 0.15 0.00	78.80 0.13 0.00	54.85 0.05 0.00	48.99 -0.02 0.00
DOGLEVILLE___HYD 23807	41.44 0.75 0.00	43.43 0.63 0.00	46.39 0.74 0.00	43.48 0.80 0.00	41.62 0.83 0.00	38.80 0.72 0.00	70.94 1.26 0.00	63.06 1.25 0.00	42.37 0.66 0.00	35.08 0.12 0.00	38.80 -0.18 0.00	41.26 -0.27 0.00	41.34 -0.11 0.00	41.48 0.01 0.00	43.04 0.38 0.00	45.41 0.50 0.00	53.30 0.76 0.00	59.49 1.03 0.00	72.97 0.92 0.00	71.42 0.85 0.00	78.21 0.67 0.00	79.24 0.57 0.00	54.88 0.08 0.00	49.05 0.05 0.00
DUNKIRK___115KV_TB_200 55889	35.33 -4.01 1.35	36.67 -3.92 2.21	41.21 -4.19 0.25	38.93 -3.75 0.00	36.19 -3.61 0.98	32.96 -3.26 1.86	56.36 -5.81 7.51	53.95 -5.29 2.58	35.71 -3.30 2.70	32.36 -2.59 0.00	36.39 -2.59 0.00	39.21 -2.31 0.00	38.32 -3.14 0.00	37.59 -3.62 0.26	36.28 -3.85 2.53	40.24 -3.91 0.76	45.35 -4.36 2.84	43.15 -5.01 10.31	55.88 -5.91 10.27	58.53 -5.29 6.76	69.99 -5.58 1.97	70.17 -5.77 2.73	51.44 -3.36 0.00	46.29 -2.71 0.00
DUNKIRK___1 23563	35.33 -4.01 1.35	36.67 -3.92 2.21	41.21 -4.19 0.25	38.93 -3.75 0.00	36.19 -3.61 0.98	32.96 -3.26 1.86	56.36 -5.81 7.51	53.95 -5.29 2.58	35.71 -3.30 2.70	32.36 -2.59 0.00	36.39 -2.59 0.00	39.21 -2.31 0.00	38.32 -3.14 0.00	37.59 -3.62 0.26	36.28 -3.85 2.53	40.24 -3.91 0.76	45.35 -4.36 2.84	43.15 -5.01 10.31	55.88 -5.91 10.27	58.53 -5.29 6.76	69.99 -5.58 1.97	70.17 -5.77 2.73	51.44 -3.36 0.00	46.29 -2.71 0.00
DUNKIRK___2 23564	35.33 -4.01 1.35	36.67 -3.92 2.21	41.21 -4.19 0.25	38.93 -3.75 0.00	36.19 -3.61 0.98	32.96 -3.26 1.86	56.36 -5.81 7.51	53.95 -5.29 2.58	35.71 -3.30 2.70	32.36 -2.59 0.00	36.39 -2.59 0.00	39.21 -2.31 0.00	38.32 -3.14 0.00	37.59 -3.62 0.26	36.28 -3.85 2.53	40.24 -3.91 0.76	45.35 -4.36 2.84	43.15 -5.01 10.31	55.88 -5.91 10.27	58.53 -5.29 6.76	69.99 -5.58 1.97	70.17 -5.77 2.73	51.44 -3.36 0.00	46.29 -2.71 0.00
DUNKIRK___3 23565	35.32 -4.03 1.35	36.68 -3.94 2.18	41.16 -4.24 0.24	38.87 -3.81 0.00	36.14 -3.68 0.97	32.87 -3.38 1.83	56.20 -6.08 7.40	53.70 -5.57 2.54	35.57 -3.47 2.67	32.21 -2.74 0.00	36.28 -2.69 0.00	39.05 -2.48 0.00	38.27 -3.18 0.00	37.59 -3.59 0.28	36.25 -3.89 2.52	40.12 -4.04 0.75	45.19 -4.56 2.80	43.14 -5.17 10.15	55.88 -6.07 10.11	58.35 -5.57 6.65	69.57 -6.03 1.94	69.83 -6.15 2.69	51.18 -3.62 0.00	46.09 -2.92 0.00
DUNKIRK___4 23566	35.32 -4.03 1.35	36.68 -3.94 2.18	41.16 -4.24 0.24	38.87 -3.81 0.00	36.14 -3.68 0.97	32.87 -3.38 1.83	56.20 -6.08 7.40	53.70 -5.57 2.54	35.57 -3.47 2.67	32.21 -2.74 0.00	36.28 -2.69 0.00	39.05 -2.48 0.00	38.27 -3.18 0.00	37.59 -3.59 0.28	36.25 -3.89 2.52	40.12 -4.04 0.75	45.19 -4.56 2.80	43.14 -5.17 10.15	55.88 -6.07 10.11	58.35 -5.57 6.65	69.57 -6.03 1.94	69.83 -6.15 2.69	51.18 -3.62 0.00	46.09 -2.92 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	42.33 1.63 0.00	44.29 1.49 0.00	47.35 1.70 0.00	44.17 1.49 0.00	42.16 1.38 0.00	39.33 1.26 0.00	72.22 2.54 0.00	64.58 2.31 -0.46	43.14 1.44 0.00	36.01 1.06 0.00	40.29 1.31 0.00	42.92 1.39 0.00	42.89 1.44 0.00	42.93 1.47 0.00	44.48 1.82 0.00	46.89 1.98 0.00	54.95 2.41 0.00	61.08 2.62 0.00	74.71 2.65 0.00	73.18 2.61 0.00	80.45 2.91 0.00	81.49 2.82 0.00	56.75 1.95 0.00	50.65 1.64 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	42.19 1.50 0.00	44.19 1.38 0.00	47.21 1.57 0.00	44.09 1.41 0.00	42.11 1.32 0.00	39.29 1.22 0.00	72.10 2.42 0.00	64.44 2.17 -0.46	43.05 1.34 0.00	35.93 0.98 0.00	40.05 1.08 0.00	42.65 1.12 0.00	42.66 1.20 0.00	42.70 1.24 0.00	44.22 1.56 0.00	46.59 1.68 0.00	54.62 2.08 0.00	60.82 2.36 0.00	74.51 2.46 0.00	73.01 2.44 0.00	80.24 2.70 0.00	81.27 2.60 0.00	56.55 1.75 0.00	50.46 1.46 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	42.28 1.59 0.00	44.22 1.42 0.00	47.37 1.72 0.00	44.30 1.62 0.00	42.29 1.50 0.00	39.46 1.39 0.00	72.43 2.75 0.00	64.83 2.56 -0.46	43.35 1.64 0.00	36.13 1.18 0.00	40.32 1.34 -0.01	42.89 1.37 -0.01	42.94 1.48 0.00	43.00 1.53 0.00	44.54 1.88 0.00	46.94 2.02 0.00	54.95 2.41 0.00	61.04 2.58 0.00	74.58 2.53 0.00	73.07 2.50 0.00	80.38 2.85 0.00	81.41 2.74 0.00	56.72 1.92 0.00	50.74 1.73 0.00
E179THST_13_KV_LOAD 356214	42.45 1.76 0.00	44.39 1.59 0.00	47.55 1.90 0.00	44.45 1.77 0.00	42.43 1.64 0.00	39.60 1.52 0.00	72.71 3.02 0.00	65.10 2.83 -0.46	43.53 1.82 0.00	36.28 1.33 0.00	40.50 1.52 -0.01	43.09 1.56 -0.01	43.12 1.67 0.00	43.19 1.72 0.00	44.74 2.08 0.00	47.14 2.23 0.00	55.19 2.65 0.00	61.30 2.85 0.00	74.94 2.88 0.00	73.39 2.82 0.00	80.76 3.22 0.00	81.76 3.09 0.00	56.96 2.17 0.00	50.94 1.93 0.00
EAST HAMPTON___GT 23717	41.76 1.06 0.00	43.72 0.92 0.00	46.79 1.14 0.00	43.70 1.02 0.00	41.89 1.10 0.00	39.11 1.04 0.00	71.74 2.06 0.00	64.30 2.03 -0.46	42.61 0.90 0.00	35.06 0.11 0.00	39.70 0.73 0.00	42.20 0.67 0.00	42.28 0.83 0.00	42.19 0.72 0.00	44.02 1.36 0.00	46.73 1.81 0.00	54.77 2.23 0.00	60.88 2.42 0.00	74.76 2.71 0.00	73.40 2.83 0.00	81.18 3.64 0.00	82.18 3.51 0.00	56.94 2.15 0.00	50.36 1.35 0.00
EAST RIVER___6 23660	42.25 1.56 0.00	44.18 1.38 0.00	47.27 1.62 0.00	44.13 1.45 0.00	42.09 1.30 0.00	39.27 1.20 0.00	70.22 2.44 1.90	64.60 2.33 -0.46	43.21 1.50 0.00	36.06 1.11 0.00	40.36 1.38 0.00	42.98 1.45 0.00	42.95 1.50 0.00	43.00 1.53 0.00	44.53 1.87 0.00	46.92 2.01 0.00	55.00 2.46 0.00	61.16 2.70 0.00	74.76 2.70 0.00	73.18 2.62 0.00	80.46 2.92 0.00	81.48 2.81 0.00	56.73 1.93 0.00	50.66 1.65 0.00
EAST RIVER___7 23524	42.25 1.56 0.00	44.18 1.38 0.00	47.27 1.62 0.00	44.13 1.45 0.00	42.09 1.30 0.00	39.27 1.20 0.00	70.22 2.44 1.90	64.60 2.33 -0.46	43.21 1.50 0.00	36.06 1.11 0.00	40.36 1.38 0.00	42.98 1.45 0.00	42.95 1.50 0.00	43.00 1.53 0.00	44.53 1.87 0.00	46.92 2.01 0.00	55.00 2.46 0.00	61.16 2.70 0.00	74.76 2.70 0.00	73.18 2.62 0.00	80.46 2.92 0.00	81.48 2.81 0.00	56.73 1.93 0.00	50.66 1.65 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	42.25 1.55 0.00	44.21 1.41 0.00	47.26 1.61 0.00	44.12 1.44 0.00	42.12 1.33 0.00	39.29 1.22 0.00	72.10 2.42 0.00	64.49 2.22 -0.46	43.08 1.36 0.00	35.94 0.99 0.00	40.18 1.21 0.00	42.79 1.27 0.00	42.78 1.32 0.00	42.82 1.36 0.00	44.36 1.70 0.00	46.76 1.85 0.00	54.79 2.25 0.00	60.93 2.47 0.00	74.55 2.50 0.00	73.02 2.45 0.00	80.29 2.75 0.00	81.31 2.65 0.00	56.61 1.82 0.00	50.53 1.53 0.00
EAST_HAMPTON___DIESEL 23722	41.63 0.94 0.00	43.58 0.78 0.00	46.65 1.00 0.00	43.57 0.89 0.00	41.77 0.98 0.00	38.99 0.92 0.00	71.52 1.84 0.00	64.12 1.85 -0.46	42.48 0.77 0.00	34.95 0.00 0.00	39.60 0.63 0.00	42.11 0.59 0.00	42.20 0.75 0.00	42.08 0.62 0.00	43.89 1.24 0.00	46.59 1.68 0.00	54.60 2.06 0.00	60.66 2.21 0.00	74.51 2.46 0.00	73.17 2.60 0.00	80.96 3.42 0.00	81.97 3.30 0.00	56.78 1.98 0.00	50.19 1.19 0.00
EAST_POINT___SOLAR 323840	42.90 2.21 0.00	45.19 2.39 0.00	48.17 2.52 0.00	45.09 2.41 0.00	43.11 2.32 0.00	40.37 2.30 0.00	74.30 4.62 0.00	70.74 4.26 -4.67	44.23 2.52 0.00	36.63 1.68 0.00	40.68 1.71 0.00	43.46 1.94 0.00	43.73 2.28 0.00	44.00 2.53 0.00	45.48 2.82 0.00	47.93 3.01 0.00	56.28 3.74 0.00	62.76 4.30 0.00	77.62 5.56 0.00	75.93 5.36 0.00	83.26 5.72 0.00	84.28 5.61 0.00	58.51 3.71 0.00	52.19 3.18 0.00
EAST_PULASKI___ESR 323781	40.25 -0.44 0.00	42.42 -0.38 0.00	45.18 -0.47 0.00	42.19 -0.49 0.00	40.35 -0.44 0.00	37.88 -0.20 0.00	69.70 0.02 0.00	63.33 1.52 0.00	43.17 1.46 0.00	35.92 0.97 0.00	40.06 1.09 0.00	42.96 1.44 0.00	43.69 2.24 0.00	44.00 2.53 0.00	45.06 2.40 0.00	47.31 2.40 0.00	55.48 2.93 0.00	59.44 0.98 0.00	73.11 1.06 0.00	71.43 0.86 0.00	78.47 0.93 0.00	79.50 0.83 0.00	55.09 0.30 0.00	48.97 -0.03 0.00
EAST_RIVER___1 323558	42.29 1.60 0.00	44.23 1.43 0.00	47.32 1.67 0.00	44.18 1.49 0.00	42.15 1.36 0.00	39.33 1.25 0.00	71.62 2.53 0.60	64.61 2.34 -0.46	43.21 1.50 0.00	36.06 1.10 0.00	40.36 1.38 0.00	42.97 1.45 0.00	42.96 1.51 0.00	43.00 1.54 0.00	44.53 1.87 0.00	46.93 2.02 0.00	55.00 2.46 0.00	61.15 2.69 0.00	74.72 2.66 0.00	73.14 2.57 0.00	80.42 2.88 0.00	81.43 2.77 0.00	56.71 1.91 0.00	50.63 1.63 0.00
EAST_RIVER___2 323559	42.25 1.56 0.00	44.18 1.38 0.00	47.27 1.62 0.00	44.13 1.45 0.00	42.09 1.30 0.00	39.27 1.20 0.00	70.22 2.44 1.90	64.60 2.33 -0.46	43.21 1.50 0.00	36.06 1.11 0.00	40.36 1.38 0.00	42.98 1.45 0.00	42.95 1.50 0.00	43.00 1.53 0.00	44.53 1.87 0.00	46.92 2.01 0.00	55.00 2.46 0.00	61.16 2.70 0.00	74.76 2.70 0.00	73.18 2.62 0.00	80.46 2.92 0.00	81.48 2.81 0.00	56.73 1.93 0.00	50.66 1.65 0.00
EAST___DELAWARE_HYD 23607	41.63 0.94 0.00	43.60 0.80 0.00	46.57 0.92 0.00	43.50 0.82 0.00	41.57 0.78 0.00	38.82 0.74 0.00	71.30 1.62 0.00	63.77 1.48 -0.48	42.57 0.86 0.00	35.55 0.60 0.00	39.44 0.46 0.00	41.88 0.35 0.00	41.97 0.52 0.00	42.03 0.57 0.00	43.59 0.93 0.00	45.91 1.00 0.00	53.93 1.38 0.00	60.09 1.63 0.00	73.74 1.68 0.00	72.28 1.72 0.00	79.37 1.83 0.00	80.39 1.72 0.00	55.90 1.11 0.00	49.81 0.80 0.00
EIGHT_POINT___WT_PWR 323820	34.55 -4.15 2.00	33.82 -4.06 4.92	40.78 -4.32 0.55	39.11 -3.57 0.00	35.46 -3.14 2.19	31.09 -2.86 4.13	48.52 -4.43 16.73	52.35 -3.84 5.61	33.36 -2.33 6.02	33.18 -1.77 0.00	37.30 -1.68 0.00	39.93 -1.60 0.00	39.21 -2.24 0.00	38.80 -3.29 -0.63	34.59 -3.86 4.21	39.49 -3.74 1.68	41.91 -4.36 6.27	31.35 -4.32 22.79	44.00 -5.30 22.76	50.10 -5.28 15.20	66.87 -6.25 4.42	66.66 -5.97 6.04	51.52 -3.28 0.00	46.22 -2.78 0.00
ELBRIDGE_115KV_TB2 80188	39.50 -1.20 0.00	41.50 -1.30 0.00	44.27 -1.38 0.00	41.42 -1.26 0.00	39.64 -1.15 0.00	37.05 -1.03 0.00	67.85 -1.83 0.00	60.27 -1.54 0.00	40.75 -0.96 0.00	34.23 -0.72 0.00	38.18 -0.80 0.00	40.65 -0.87 0.00	40.51 -0.95 0.00	40.45 -1.02 0.00	41.57 -1.10 0.00	43.77 -1.14 0.00	51.34 -1.21 0.00	57.13 -1.33 0.00	70.30 -1.75 0.00	68.88 -1.70 0.00	75.66 -1.88 0.00	76.65 -2.02 0.00	53.42 -1.37 0.00	47.70 -1.31 0.00
ELEC_TRO_TEK 24086	42.52 1.82 0.00	44.52 1.72 0.00	47.56 1.91 0.00	44.38 1.70 0.00	42.44 1.65 0.00	39.55 1.48 0.00	72.56 2.88 0.00	64.96 2.69 -0.46	43.21 1.50 0.00	35.93 0.98 0.00	40.34 1.36 0.00	42.88 1.36 0.00	42.86 1.41 0.00	43.00 1.53 0.00	44.69 2.03 0.00	47.33 2.42 0.00	55.53 2.98 0.00	61.58 3.12 0.00	75.41 3.36 0.00	73.93 3.36 0.00	81.25 3.71 0.00	82.28 3.62 0.00	57.29 2.49 0.00	51.14 2.14 0.00

ELLENBURG_WT_PWR 323604	40.90 0.21 0.00	43.13 0.32 0.00	46.07 0.43 0.00	42.90 0.22 0.00	41.13 0.34 0.00	38.64 0.57 0.00	71.23 1.55 0.00	63.14 1.33 0.00	42.67 0.96 0.00	35.88 0.93 0.00	39.96 0.99 0.00	42.79 1.27 0.00	42.82 1.36 0.00	42.85 1.39 0.00	43.93 1.27 0.00	46.25 1.34 0.00	53.92 1.37 0.00	59.76 1.30 0.00	73.81 1.75 0.00	71.93 1.36 0.00	79.36 1.82 0.00	80.70 2.03 0.00	56.14 1.34 0.00	50.41 1.40 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	34.96 -4.45 1.28	36.41 -4.37 2.03	40.64 -4.79 0.23	38.41 -4.28 0.00	35.67 -4.22 0.90	32.45 -3.92 1.70	55.61 -7.17 6.90	52.77 -6.67 2.37	35.09 -4.13 2.48	31.73 -3.22 0.00	35.84 -3.14 0.00	38.51 -3.02 0.00	37.85 -3.61 0.00	37.29 -3.89 0.29	35.97 -4.30 2.39	39.52 -4.69 0.69	44.55 -5.39 2.60	43.08 -5.93 9.45	55.96 -6.69 9.40	57.94 -6.44 6.19	68.51 -7.23 1.80	68.80 -7.37 2.50	50.42 -4.38 0.00	45.51 -3.49 0.00
EMPIRE_CC_1 323656	42.19 1.49 0.00	44.26 1.46 0.00	47.25 1.60 0.00	44.22 1.54 0.00	42.21 1.42 0.00	39.20 1.12 0.00	71.47 1.78 0.00	64.77 1.62 -1.35	42.75 1.04 0.00	35.78 0.83 0.00	39.74 0.76 0.00	42.13 0.61 0.00	42.10 0.64 0.00	42.15 0.69 0.00	43.54 0.88 0.00	45.84 0.93 0.00	53.69 1.15 0.00	59.76 1.30 0.00	73.31 1.26 0.00	71.81 1.24 0.00	78.93 1.39 0.00	80.16 1.49 0.00	55.84 1.04 0.00	49.90 0.89 0.00
EMPIRE_CC_2 323658	42.19 1.49 0.00	44.26 1.46 0.00	47.25 1.60 0.00	44.22 1.54 0.00	42.21 1.42 0.00	39.20 1.12 0.00	71.47 1.78 0.00	64.77 1.62 -1.35	42.75 1.04 0.00	35.78 0.83 0.00	39.74 0.76 0.00	42.13 0.61 0.00	42.10 0.64 0.00	42.15 0.69 0.00	43.54 0.88 0.00	45.84 0.93 0.00	53.69 1.15 0.00	59.76 1.30 0.00	73.31 1.26 0.00	71.81 1.24 0.00	78.93 1.39 0.00	80.16 1.49 0.00	55.84 1.04 0.00	49.90 0.89 0.00
ENORWICH_115KV_TB1 80156	42.88 0.50 -1.69	46.83 0.91 -3.11	47.31 1.31 -0.35	44.16 1.47 0.00	43.73 1.55 -1.39	42.44 1.75 -2.62	84.46 4.18 -10.60	69.86 4.11 -3.94	47.96 2.43 -3.82	37.02 2.07 0.00	41.42 2.44 0.00	44.00 2.48 0.00	43.94 2.49 0.00	44.29 2.71 -0.12	48.53 2.61 -3.26	48.58 2.61 -1.06	59.88 3.37 -3.97	76.82 3.94 -14.42	91.43 4.80 -14.57	85.05 4.19 -10.30	84.60 4.06 -3.00	86.10 3.62 -3.82	57.13 2.34 0.00	50.97 1.96 0.00
ERIE_ST_34_KV_TB1-2 80199	36.00 -3.40 1.30	37.40 -3.29 2.11	41.76 -3.65 0.24	39.43 -3.25 0.00	36.65 -3.21 0.93	33.30 -3.00 1.78	57.10 -5.43 7.15	54.24 -5.11 2.45	36.08 -3.05 2.58	32.62 -2.33 0.00	36.85 -2.13 0.00	39.57 -1.95 0.00	38.99 -2.47 0.00	38.50 -2.72 0.25	37.13 -3.10 2.42	40.81 -3.37 0.73	45.99 -3.83 2.72	44.25 -4.34 9.87	57.46 -4.76 9.84	59.46 -4.64 6.47	70.35 -5.30 1.88	70.70 -5.35 2.62	51.79 -3.01 0.00	46.66 -2.34 0.00
ERIE_WT_PWR 323693	35.22 -4.17 1.31	36.64 -4.07 2.10	40.96 -4.45 0.24	38.70 -3.98 0.00	35.95 -3.91 0.93	32.66 -3.65 1.76	55.99 -6.58 7.12	53.20 -6.17 2.44	35.34 -3.81 2.56	26.98 -2.95 5.03	36.10 -2.88 0.00	38.85 -2.67 0.00	38.21 -3.25 0.00	37.61 -3.58 0.28	36.25 -3.97 2.44	39.87 -4.33 0.72	44.91 -4.94 2.70	43.24 -5.44 9.79	56.17 -6.13 9.75	58.29 -5.86 6.42	69.12 -6.55 1.87	69.43 -6.65 2.60	50.94 -3.86 0.00	45.94 -3.07 0.00
ESPRGFLD_115KV_TB1 80157	41.51 0.82 0.00	43.80 1.00 0.00	46.73 1.08 0.00	43.69 1.01 0.00	41.77 0.98 0.00	39.10 1.02 0.00	71.93 2.25 0.00	67.32 2.16 -3.35	43.03 1.32 0.00	36.11 1.16 0.00	40.44 1.46 0.00	43.27 1.75 0.00	43.18 1.73 0.00	43.20 1.73 0.00	44.45 1.79 0.00	46.78 1.87 0.00	54.85 2.31 0.00	60.91 2.45 0.00	75.12 3.07 0.00	73.50 2.92 0.00	80.58 3.04 0.00	81.57 2.90 0.00	56.73 1.93 0.00	50.66 1.65 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	44.47 -0.37 -4.15	50.11 -0.38 -7.70	46.15 -0.36 -0.87	42.38 -0.30 -0.01	43.98 -0.23 -3.43	44.41 -0.13 -6.46	95.90 0.03 -26.19	71.10 0.17 -9.12	51.25 0.11 -9.42	34.97 0.02 0.00	39.07 0.09 0.00	41.67 0.15 0.00	41.55 0.09 0.00	41.74 0.02 -0.26	50.64 -0.04 -8.02	47.42 -0.11 -2.62	62.35 0.01 -9.79	94.28 0.22 -35.59	108.07 0.30 -35.72	95.28 0.31 -24.40	84.84 0.20 -7.10	88.13 0.03 -9.43	54.79 0.00 0.00	48.92 -0.09 0.00
ETNA____115KV_TB2 80207	44.47 -0.37 -4.15	50.11 -0.38 -7.70	46.15 -0.36 -0.87	42.38 -0.30 -0.01	43.98 -0.23 -3.43	44.41 -0.13 -6.46	95.90 0.03 -26.19	71.10 0.17 -9.12	51.25 0.11 -9.42	34.97 0.02 0.00	39.07 0.09 0.00	41.67 0.15 0.00	41.55 0.09 0.00	41.74 0.02 -0.26	50.64 -0.04 -8.02	47.42 -0.11 -2.62	62.35 0.01 -9.79	94.28 0.22 -35.59	108.07 0.30 -35.72	95.28 0.31 -24.40	84.84 0.20 -7.10	88.13 0.03 -9.43	54.79 0.00 0.00	48.92 -0.09 0.00
EUCLID____115KV_TB2 356179	39.29 -1.40 0.00	41.30 -1.50 0.00	44.02 -1.64 0.00	41.19 -1.49 0.00	39.40 -1.39 0.00	36.86 -1.21 0.00	67.40 -2.28 0.00	59.81 -2.00 0.00	40.46 -1.25 0.00	33.97 -0.98 0.00	37.90 -1.07 0.00	40.35 -1.18 0.00	40.22 -1.23 0.00	40.21 -1.26 0.00	41.33 -1.33 0.00	43.51 -1.41 0.00	50.95 -1.60 0.00	56.76 -1.70 0.00	69.95 -2.10 0.00	68.54 -2.04 0.00	75.23 -2.31 0.00	76.28 -2.38 0.00	53.15 -1.64 0.00	47.49 -1.51 0.00
E_CANADA_CAP_HY 24051	42.19 1.50 0.00	44.53 1.72 0.00	47.45 1.80 0.00	44.39 1.71 0.00	42.44 1.65 0.00	39.71 1.64 0.00	72.94 3.26 0.00	69.17 3.02 -4.34	43.50 1.79 0.00	36.46 1.51 0.00	40.70 1.72 0.00	43.58 2.06 0.00	43.60 2.15 0.00	43.67 2.20 0.00	45.02 2.36 0.00	47.41 2.49 0.00	55.60 3.06 0.00	61.74 3.28 0.00	76.26 4.20 0.00	74.57 4.00 0.00	81.76 4.22 0.00	82.93 4.26 0.00	57.64 2.84 0.00	51.51 2.50 0.00
E_CANADA_MHWK_HY 24050	41.44 0.75 0.00	43.43 0.63 0.00	46.39 0.74 0.00	43.48 0.80 0.00	41.62 0.83 0.00	38.80 0.72 0.00	70.94 1.26 0.00	63.06 1.25 0.00	42.37 0.66 0.00	35.08 0.12 0.00	38.80 -0.18 0.00	41.26 -0.27 0.00	41.34 -0.11 0.00	41.48 0.01 0.00	43.04 0.38 0.00	45.41 0.50 0.00	53.30 0.76 0.00	59.49 1.03 0.00	72.97 0.92 0.00	71.42 0.85 0.00	78.21 0.67 0.00	79.24 0.57 0.00	54.88 0.08 0.00	49.05 0.05 0.00
E_FISHKILL____LBMP 23776	42.13 1.43 0.00	44.11 1.31 0.00	47.13 1.48 0.00	44.02 1.34 0.00	42.04 1.24 0.00	39.18 1.11 0.00	71.87 2.19 0.00	64.25 1.97 -0.47	42.94 1.23 0.00	35.83 0.88 0.00	40.01 1.04 0.00	42.59 1.07 0.00	42.54 1.09 0.00	42.60 1.14 0.00	44.10 1.44 0.00	46.47 1.56 0.00	54.46 1.91 0.00	60.59 2.13 0.00	74.22 2.17 0.00	72.70 2.13 0.00	79.91 2.37 0.00	80.98 2.31 0.00	56.36 1.57 0.00	50.30 1.29 0.00
FALCON____SEABRD_CC1 323796	41.02 0.33 0.00	43.32 0.52 0.00	46.50 0.85 0.00	43.11 0.42 0.00	41.36 0.57 0.00	38.83 0.76 0.00	72.04 2.35 0.00	63.94 2.13 0.00	43.29 1.58 0.00	36.49 1.54 0.00	40.49 1.51 0.00	43.47 1.94 0.00	43.47 2.02 0.00	43.47 2.00 0.00	44.72 2.05 0.00	47.20 2.29 0.00	54.94 2.40 0.00	60.40 1.94 0.00	74.30 2.25 0.00	72.26 1.69 0.00	80.33 2.79 0.00	81.55 2.88 0.00	56.60 1.81 0.00	51.22 2.21 0.00

FALCON___SEABRD_CC2 323797	41.02 0.33 0.00	43.32 0.52 0.00	46.50 0.85 0.00	43.11 0.42 0.00	41.36 0.57 0.00	38.83 0.76 0.00	72.04 2.35 0.00	63.94 2.13 0.00	43.29 1.58 0.00	36.49 1.54 0.00	40.49 1.51 0.00	43.47 1.94 0.00	43.47 2.02 0.00	43.47 2.00 0.00	44.72 2.05 0.00	47.20 2.29 0.00	54.94 2.40 0.00	60.40 1.94 0.00	74.30 2.25 0.00	72.26 1.69 0.00	80.33 2.79 0.00	81.55 2.88 0.00	56.60 1.81 0.00	51.22 2.21 0.00
FAR ROCKAWAY___4 23548	42.96 2.26 0.00	44.96 2.16 0.00	48.03 2.38 0.00	44.80 2.12 0.00	42.86 2.07 0.00	39.96 1.89 0.00	73.33 3.65 0.00	65.65 3.38 -0.46	43.65 1.94 0.00	36.32 1.37 0.00	40.73 1.76 0.00	43.30 1.78 0.00	43.30 1.85 0.00	43.43 1.96 0.00	45.18 2.52 0.00	47.86 2.95 0.00	56.19 3.65 0.00	62.35 3.89 0.00	76.43 4.38 0.00	74.91 4.33 0.00	82.26 4.72 0.00	83.17 4.50 0.00	57.88 3.09 0.00	51.65 2.65 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	42.31 1.61 0.00	44.25 1.45 0.00	47.35 1.70 0.00	44.21 1.52 0.00	42.18 1.40 0.00	39.36 1.29 0.00	72.29 2.61 0.00	64.68 2.41 -0.46	43.24 1.54 0.00	36.08 1.14 0.00	40.39 1.42 0.00	43.01 1.49 0.00	42.97 1.52 0.00	43.01 1.54 0.00	44.56 1.90 0.00	46.96 2.05 0.00	55.01 2.47 0.00	61.15 2.70 0.00	74.72 2.66 0.00	73.17 2.60 0.00	80.46 2.92 0.00	81.48 2.81 0.00	56.74 1.95 0.00	50.67 1.66 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	42.34 1.64 0.00	44.26 1.46 0.00	47.36 1.71 0.00	44.22 1.54 0.00	42.21 1.42 0.00	39.38 1.31 0.00	72.33 2.65 0.00	64.71 2.44 -0.46	43.26 1.55 0.00	36.09 1.14 0.00	40.41 1.43 0.00	43.02 1.50 0.00	42.98 1.53 0.00	43.03 1.56 0.00	44.57 1.91 0.00	46.97 2.06 0.00	55.04 2.50 0.00	61.17 2.71 0.00	74.76 2.70 0.00	73.21 2.64 0.00	80.49 2.95 0.00	81.49 2.82 0.00	56.77 1.97 0.00	50.69 1.68 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	42.30 1.60 0.00	44.22 1.42 0.00	47.32 1.67 0.00	44.18 1.50 0.00	42.17 1.38 0.00	39.34 1.27 0.00	72.26 2.58 0.00	64.65 2.37 -0.46	43.22 1.51 0.00	36.07 1.12 0.00	40.38 1.40 0.00	42.99 1.46 0.00	42.95 1.49 0.00	42.99 1.52 0.00	44.53 1.87 0.00	46.94 2.03 0.00	55.00 2.45 0.00	61.11 2.66 0.00	74.70 2.64 0.00	73.14 2.57 0.00	80.40 2.86 0.00	81.41 2.74 0.00	56.71 1.91 0.00	50.63 1.63 0.00
FARRAGUT___LBMP 323566	42.26 1.57 0.00	44.19 1.39 0.00	47.30 1.65 0.00	44.16 1.48 0.00	42.14 1.35 0.00	39.32 1.25 0.00	72.19 2.51 0.00	64.58 2.31 -0.46	43.19 1.48 0.00	36.04 1.08 0.00	40.34 1.36 0.00	42.95 1.42 0.00	42.91 1.45 0.00	42.96 1.49 0.00	44.49 1.83 0.00	46.89 1.98 0.00	54.95 2.41 0.00	61.06 2.60 0.00	74.63 2.57 0.00	73.08 2.51 0.00	80.35 2.81 0.00	81.36 2.69 0.00	56.67 1.87 0.00	50.61 1.60 0.00
FENNER___WINDPWR 24204	41.63 0.14 -0.79	44.47 0.17 -1.49	45.99 0.17 -0.17	42.91 0.23 0.00	41.68 0.23 -0.66	39.67 0.34 -1.25	76.09 1.28 -5.13	64.67 1.09 -1.78	44.23 0.67 -1.85	35.46 0.51 0.00	39.54 0.56 0.00	42.15 0.63 0.00	42.16 0.71 0.00	42.23 0.72 -0.04	44.96 0.74 -1.56	46.17 0.74 -0.51	55.43 0.96 -1.93	66.46 1.01 -7.00	80.15 1.17 -6.93	76.34 1.06 -4.71	79.94 1.03 -1.37	81.43 0.94 -1.83	55.39 0.59 0.00	49.39 0.39 0.00
FIBERTEK___ENERGY 23856	39.85 -0.84 0.00	41.89 -0.91 0.00	44.67 -0.98 0.00	41.79 -0.90 0.00	39.97 -0.82 0.00	37.41 -0.66 0.00	68.51 -1.17 0.00	60.85 -0.96 0.00	41.19 -0.52 0.00	34.56 -0.40 0.00	38.54 -0.43 0.00	41.05 -0.47 0.00	40.95 -0.50 0.00	40.92 -0.55 0.00	42.05 -0.60 0.00	44.30 -0.62 0.00	51.92 -0.63 0.00	57.72 -0.74 0.00	71.13 -0.92 0.00	69.71 -0.86 0.00	76.49 -1.04 0.00	77.52 -1.15 0.00	53.97 -0.82 0.00	48.19 -0.81 0.00
FITZPATRICK____ 23598	38.88 -1.81 0.00	40.87 -1.93 0.00	43.55 -2.10 0.00	40.75 -1.93 0.00	38.99 -1.80 0.00	36.47 -1.61 0.00	66.61 -3.07 0.00	59.07 -2.73 0.00	39.96 -1.74 0.00	33.59 -1.36 0.00	37.45 -1.52 0.00	39.84 -1.68 0.00	39.71 -1.74 0.00	39.71 -1.76 0.00	40.82 -1.84 0.00	42.96 -1.95 0.00	50.28 -2.26 0.00	56.01 -2.45 0.00	69.02 -3.04 0.00	67.61 -2.96 0.00	74.23 -3.31 0.00	75.27 -3.40 0.00	52.45 -2.35 0.00	46.90 -2.10 0.00
FLOWRFLD_69_KV_BK1 356044	42.88 2.19 0.00	44.87 2.07 0.00	47.94 2.28 0.00	44.74 2.06 0.00	42.87 2.08 0.00	39.93 1.86 0.00	73.18 3.50 0.00	65.53 3.26 -0.46	43.52 1.81 0.00	36.00 1.05 0.00	40.50 1.53 0.00	42.95 1.42 0.00	43.01 1.56 0.00	43.22 1.76 0.00	45.01 2.35 0.00	47.94 3.03 0.00	56.35 3.81 0.00	62.52 4.06 0.00	76.66 4.60 0.00	75.24 4.67 0.00	82.74 5.21 0.00	83.76 5.09 0.00	58.27 3.47 0.00	51.90 2.89 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	42.62 1.92 0.00	44.62 1.82 0.00	47.67 2.02 0.00	44.53 1.85 0.00	42.53 1.74 0.00	39.69 1.61 0.00	72.87 3.19 0.00	65.18 2.90 -0.47	43.52 1.81 0.00	36.31 1.36 0.00	40.49 1.51 0.00	43.08 1.56 0.00	43.07 1.62 0.00	43.14 1.67 0.00	44.68 2.02 0.00	47.08 2.17 0.00	55.20 2.66 0.00	61.49 3.03 0.00	75.36 3.31 0.00	73.84 3.27 0.00	81.11 3.58 0.00	82.16 3.49 0.00	57.13 2.33 0.00	50.95 1.94 0.00
FORT ORANGE____ 23900	42.11 1.42 0.00	44.21 1.41 0.00	47.18 1.53 0.00	44.13 1.45 0.00	42.12 1.33 0.00	39.12 1.04 0.00	71.37 1.69 0.00	65.41 1.43 -2.18	42.61 0.90 0.00	35.42 0.47 0.00	39.40 0.42 0.00	41.76 0.23 0.00	41.73 0.27 0.00	41.81 0.34 0.00	43.15 0.49 0.00	45.36 0.45 0.00	53.21 0.67 0.00	59.28 0.82 0.00	72.81 0.75 0.00	71.45 0.88 0.00	78.47 0.93 0.00	79.53 0.86 0.00	55.76 0.97 0.00	50.08 1.07 0.00
FORT_DRUM_COGEN 23780	41.21 0.52 0.00	43.64 0.84 0.00	46.41 0.76 0.00	43.19 0.51 0.00	41.27 0.48 0.00	39.03 0.96 0.00	72.67 2.99 0.00	65.92 4.11 0.00	44.45 2.74 0.00	36.69 1.74 0.00	40.63 1.65 0.00	43.78 2.26 0.00	45.05 3.60 0.00	45.61 4.15 0.00	46.55 3.89 0.00	48.66 3.75 0.00	57.23 4.69 0.00	62.35 3.89 0.00	76.80 4.74 0.00	74.61 4.04 0.00	82.21 4.67 0.00	82.98 4.31 0.00	57.12 2.33 0.00	50.37 1.36 0.00
FOX_HILLS___ESR 323835	65.13 1.80 -22.64	65.10 1.65 -20.64	65.00 1.92 -17.43	64.59 1.71 -20.19	64.61 1.60 -22.22	64.79 1.50 -25.22	75.00 2.83 -2.49	66.06 2.57 -1.69	65.87 1.75 -22.41	86.08 1.34 -49.79	64.55 1.67 -23.91	59.70 1.71 -16.47	83.83 1.78 -40.59	59.71 1.82 -16.43	66.91 2.17 -22.07	60.03 2.32 -12.79	59.29 2.77 -3.98	62.16 2.95 -0.75	75.04 2.99 -0.01	73.48 2.91 -0.01	82.02 3.19 -1.30	121.94 3.21 -40.06	121.01 2.38 -63.83	98.15 2.11 -47.04
FPL FAR_ROCK_GT1 24212	42.95 2.26 0.00	44.96 2.16 0.00	48.03 2.37 0.00	44.80 2.12 0.00	42.85 2.06 0.00	39.96 1.89 0.00	73.33 3.65 0.00	65.64 3.38 -0.46	43.64 1.93 0.00	36.32 1.37 0.00	40.74 1.76 0.00	43.30 1.78 0.00	43.31 1.86 0.00	43.44 1.98 0.00	45.17 2.51 0.00	47.85 2.94 0.00	56.19 3.65 0.00	62.34 3.88 0.00	76.44 4.39 0.00	74.90 4.33 0.00	82.25 4.71 0.00	83.15 4.48 0.00	57.88 3.08 0.00	51.64 2.64 0.00

FPL FAR_ROCK_GT2 23815	42.95 2.26 0.00	44.96 2.16 0.00	48.03 2.37 0.00	44.80 2.12 0.00	42.85 2.06 0.00	39.96 1.89 0.00	73.33 3.65 0.00	65.64 3.38 -0.46	43.64 1.93 0.00	36.32 1.37 0.00	40.74 1.76 0.00	43.30 1.78 0.00	43.31 1.86 0.00	43.44 1.98 0.00	45.17 2.51 0.00	47.85 2.94 0.00	56.19 3.65 0.00	62.34 3.88 0.00	76.44 4.39 0.00	74.90 4.33 0.00	82.25 4.71 0.00	83.15 4.48 0.00	57.88 3.08 0.00	51.64 2.64 0.00
FRANKLIN_FALL_HYD 24054	41.79 1.10 0.00	44.06 1.26 0.00	47.00 1.35 0.00	43.81 1.12 0.00	41.95 1.16 0.00	39.56 1.48 0.00	73.13 3.45 0.00	64.76 2.95 0.00	43.70 1.99 0.00	36.64 1.69 0.00	40.86 1.89 0.00	43.91 2.39 0.00	44.25 2.80 0.00	44.41 2.94 0.00	45.13 2.47 0.00	47.09 2.17 0.00	54.86 2.32 0.00	60.83 2.37 0.00	75.25 3.20 0.00	73.43 2.86 0.00	80.88 3.34 0.00	82.32 3.65 0.00	57.28 2.49 0.00	51.31 2.30 0.00
FREEPORT_EQUS_GT1 23764	42.69 1.99 0.00	44.71 1.91 0.00	47.74 2.09 0.00	44.54 1.86 0.00	42.62 1.83 0.00	39.71 1.64 0.00	72.85 3.17 0.00	65.26 2.99 -0.46	43.33 1.62 0.00	35.99 1.04 0.00	40.43 1.45 0.00	42.92 1.40 0.00	42.92 1.47 0.00	43.08 1.62 0.00	44.82 2.16 0.00	47.54 2.63 0.00	55.83 3.28 0.00	61.72 3.26 0.00	75.66 3.60 0.00	74.19 3.62 0.00	81.56 4.02 0.00	82.80 4.13 0.00	57.60 2.81 0.00	51.40 2.40 0.00
FREEPORT___CT2 23818	42.69 1.99 0.00	44.71 1.91 0.00	47.74 2.09 0.00	44.54 1.86 0.00	42.62 1.83 0.00	39.71 1.64 0.00	72.85 3.17 0.00	65.26 2.99 -0.46	43.33 1.62 0.00	35.99 1.04 0.00	40.43 1.45 0.00	42.92 1.40 0.00	42.92 1.47 0.00	43.08 1.62 0.00	44.82 2.16 0.00	47.54 2.63 0.00	55.83 3.28 0.00	61.72 3.26 0.00	75.66 3.60 0.00	74.19 3.62 0.00	81.56 4.02 0.00	82.80 4.13 0.00	57.60 2.81 0.00	51.40 2.40 0.00
FRESHKLS_33_KV_LOAD 356253	65.04 1.70 -22.64	65.00 1.56 -20.64	64.91 1.83 -17.43	64.50 1.62 -20.19	64.53 1.52 -22.22	64.73 1.44 -25.22	74.87 2.70 -2.49	65.89 2.39 -1.69	65.78 1.66 -22.41	86.00 1.26 -49.79	64.43 1.55 -23.91	59.54 1.56 -16.47	83.70 1.66 -40.59	59.58 1.69 -16.43	66.78 2.05 -22.07	59.88 2.18 -12.79	59.16 2.64 -3.98	62.04 2.83 -0.75	74.88 2.82 -0.01	73.33 2.75 -0.01	81.87 3.03 -1.30	121.85 3.12 -40.06	120.97 2.35 -63.83	98.13 2.09 -47.04
FULTON COGEN____ 23766	40.01 -0.68 0.00	42.10 -0.70 0.00	44.85 -0.80 0.00	41.95 -0.74 0.00	40.10 -0.69 0.00	37.60 -0.48 0.00	68.94 -0.74 0.00	61.63 -0.17 0.00	41.81 0.10 0.00	35.01 0.05 0.00	39.04 0.06 0.00	41.63 0.11 0.00	41.71 0.26 0.00	41.80 0.34 0.00	42.91 0.25 0.00	45.23 0.32 0.00	53.02 0.48 0.00	58.52 0.06 0.00	72.16 0.10 0.00	70.65 0.08 0.00	77.51 -0.03 0.00	78.46 -0.21 0.00	54.49 -0.30 0.00	48.60 -0.40 0.00
FULTON___LFGE 323630	42.64 1.95 0.00	44.89 2.09 0.00	47.86 2.21 0.00	44.78 2.10 0.00	42.80 2.02 0.00	40.03 1.96 0.00	73.60 3.92 0.00	70.20 3.63 -4.76	43.85 2.14 0.00	36.54 1.59 0.00	40.53 1.55 0.00	43.30 1.78 0.00	43.41 1.96 0.00	43.60 2.14 0.00	45.09 2.43 0.00	47.51 2.59 0.00	55.75 3.21 0.00	62.12 3.66 0.00	76.70 4.65 0.00	75.05 4.48 0.00	82.30 4.76 0.00	83.35 4.69 0.00	57.90 3.10 0.00	51.66 2.66 0.00
G.F.CEMENT___DRP 24184	44.26 3.57 0.00	46.66 3.86 0.00	49.87 4.22 0.00	46.79 4.10 0.00	44.78 3.99 0.00	41.77 3.69 0.00	77.05 7.37 0.00	73.10 6.66 -4.64	46.16 4.45 0.00	38.40 3.45 0.00	42.47 3.50 0.00	45.04 3.51 0.00	45.13 3.68 0.00	45.23 3.77 0.00	46.70 4.04 0.00	49.35 4.44 0.00	57.90 5.36 0.00	64.78 6.32 0.00	79.64 7.58 0.00	77.85 7.27 0.00	85.28 7.74 0.00	86.44 7.78 0.00	59.89 5.10 0.00	53.45 4.44 0.00
GARDENVILLE___LBMP 24039	35.08 -4.27 1.34	36.51 -4.19 2.11	40.82 -4.59 0.24	38.59 -4.09 0.00	35.84 -4.02 0.94	32.56 -3.74 1.77	55.72 -6.80 7.16	53.03 -6.32 2.46	35.22 -3.91 2.58	31.91 -3.04 0.00	36.01 -2.97 0.00	38.71 -2.81 0.00	38.06 -3.40 0.00	37.43 -3.72 0.32	36.06 -4.11 2.49	39.72 -4.47 0.72	44.72 -5.12 2.70	43.00 -5.64 9.82	55.91 -6.37 9.78	58.04 -6.10 6.43	68.83 -6.84 1.87	69.12 -6.95 2.60	50.72 -4.08 0.00	45.76 -3.25 0.00
GARDNVLA_35_KV_LD 355827	35.27 -4.12 1.30	36.67 -4.03 2.10	41.00 -4.42 0.24	38.74 -3.94 0.00	35.97 -3.89 0.93	32.70 -3.62 1.76	55.98 -6.60 7.10	53.25 -6.12 2.44	35.37 -3.78 2.55	32.02 -2.93 0.00	36.13 -2.84 0.00	38.87 -2.65 0.00	38.25 -3.21 0.00	37.69 -3.51 0.27	36.32 -3.92 2.42	39.94 -4.26 0.72	44.96 -4.89 2.70	43.32 -5.36 9.78	56.33 -5.98 9.75	58.43 -5.73 6.41	69.23 -6.45 1.87	69.50 -6.57 2.59	50.97 -3.83 0.00	45.97 -3.04 0.00
GELCKHM___115KV_LOAD 80723	39.49 -1.20 0.00	41.52 -1.29 0.00	44.26 -1.39 0.00	41.41 -1.28 0.00	39.60 -1.19 0.00	37.06 -1.02 0.00	67.81 -1.87 0.00	60.18 -1.62 0.00	40.73 -0.98 0.00	34.18 -0.76 0.00	38.12 -0.86 0.00	40.59 -0.93 0.00	40.47 -0.98 0.00	40.45 -1.01 0.00	41.58 -1.08 0.00	43.78 -1.13 0.00	51.29 -1.26 0.00	57.10 -1.36 0.00	70.38 -1.68 0.00	68.94 -1.63 0.00	75.69 -1.85 0.00	76.71 -1.96 0.00	53.43 -1.37 0.00	47.72 -1.28 0.00
GENERAL___MILLS 23808	35.22 -4.16 1.31	36.63 -4.07 2.10	40.96 -4.46 0.24	38.70 -3.98 0.00	35.94 -3.93 0.93	32.66 -3.65 1.76	55.93 -6.63 7.12	53.19 -6.18 2.44	35.33 -3.82 2.56	31.99 -2.96 0.00	36.11 -2.87 0.00	38.83 -2.69 0.00	38.20 -3.26 0.00	37.62 -3.56 0.28	36.25 -3.97 2.44	39.87 -4.32 0.72	44.90 -4.95 2.70	43.23 -5.44 9.79	56.19 -6.11 9.75	58.30 -5.86 6.42	69.09 -6.58 1.87	69.39 -6.69 2.60	50.89 -3.90 0.00	45.91 -3.10 0.00
GE_PLASTICS___DRP 24183	41.83 1.14 0.00	43.93 1.13 0.00	46.90 1.25 0.00	43.85 1.17 0.00	41.87 1.08 0.00	38.97 0.90 0.00	71.30 1.62 0.00	65.08 1.42 -1.86	42.62 0.92 0.00	35.56 0.61 0.00	39.53 0.56 0.00	42.01 0.49 0.00	41.96 0.51 0.00	42.02 0.56 0.00	43.35 0.69 0.00	45.57 0.66 0.00	53.41 0.87 0.00	59.48 1.02 0.00	73.01 0.96 0.00	71.59 1.01 0.00	78.65 1.11 0.00	79.74 1.08 0.00	55.59 0.79 0.00	49.82 0.81 0.00
GILBOA___1 23756	41.66 0.96 0.00	43.87 1.07 0.00	46.82 1.17 0.00	43.77 1.09 0.00	41.67 0.88 0.00	38.73 0.65 0.00	70.90 1.22 0.00	63.17 1.06 -0.29	42.43 0.72 0.00	35.47 0.52 0.00	39.53 0.56 0.00	42.08 0.56 0.00	42.02 0.57 0.00	42.05 0.59 0.00	43.40 0.74 0.00	45.70 0.78 0.00	53.54 0.99 0.00	59.44 0.98 0.00	72.83 0.77 0.00	71.56 0.99 0.00	78.69 1.15 0.00	79.87 1.21 0.00	55.62 0.82 0.00	49.70 0.69 0.00
GILBOA___2 23757	41.66 0.96 0.00	43.87 1.07 0.00	46.82 1.17 0.00	43.77 1.09 0.00	41.67 0.88 0.00	38.73 0.65 0.00	70.90 1.22 0.00	63.17 1.06 -0.29	42.43 0.72 0.00	35.47 0.52 0.00	39.53 0.56 0.00	42.08 0.56 0.00	42.02 0.57 0.00	42.05 0.59 0.00	43.40 0.74 0.00	45.70 0.78 0.00	53.54 0.99 0.00	59.44 0.98 0.00	72.83 0.77 0.00	71.56 0.99 0.00	78.69 1.15 0.00	79.87 1.21 0.00	55.62 0.82 0.00	49.70 0.69 0.00

GILBOA___3 23758	41.66 0.96 0.00	43.87 1.07 0.00	46.82 1.17 0.00	43.77 1.09 0.00	41.67 0.88 0.00	38.73 0.65 0.00	70.90 1.22 0.00	63.17 1.06 -0.29	42.43 0.72 0.00	35.47 0.52 0.00	39.53 0.56 0.00	42.08 0.56 0.00	42.02 0.57 0.00	42.05 0.59 0.00	43.40 0.74 0.00	45.70 0.78 0.00	53.54 0.99 0.00	59.44 0.98 0.00	72.83 0.77 0.00	71.56 0.99 0.00	78.69 1.15 0.00	79.87 1.21 0.00	55.62 0.82 0.00	49.70 0.69 0.00
GILBOA___4 23759	41.66 0.96 0.00	43.87 1.07 0.00	46.82 1.17 0.00	43.77 1.09 0.00	41.67 0.88 0.00	38.73 0.65 0.00	70.90 1.22 0.00	63.17 1.06 -0.29	42.43 0.72 0.00	35.47 0.52 0.00	39.53 0.56 0.00	42.08 0.56 0.00	42.02 0.57 0.00	42.05 0.59 0.00	43.40 0.74 0.00	45.70 0.78 0.00	53.54 0.99 0.00	59.44 0.98 0.00	72.83 0.77 0.00	71.56 0.99 0.00	78.69 1.15 0.00	79.87 1.21 0.00	55.62 0.82 0.00	49.70 0.69 0.00
GILBOA___ 23599	41.66 0.96 0.00	43.87 1.07 0.00	46.82 1.17 0.00	43.77 1.09 0.00	41.67 0.88 0.00	38.73 0.65 0.00	70.91 1.23 0.00	63.17 1.07 -0.29	42.43 0.72 0.00	35.47 0.52 0.00	39.53 0.56 0.00	42.08 0.56 0.00	42.02 0.56 0.00	42.05 0.58 0.00	43.40 0.74 0.00	45.70 0.79 0.00	53.54 0.99 0.00	59.45 0.99 0.00	72.83 0.78 0.00	71.56 1.00 0.00	78.69 1.15 0.00	79.87 1.21 0.00	55.62 0.82 0.00	49.70 0.69 0.00
GINNA___ 23603	35.89 -4.23 0.58	37.41 -4.31 1.08	40.83 -4.70 0.12	38.40 -4.28 0.00	36.18 -4.13 0.48	33.40 -3.76 0.91	59.20 -6.78 3.70	54.40 -6.13 1.27	36.47 -3.90 1.34	29.98 -3.13 1.84	35.67 -3.30 0.00	38.09 -3.43 0.00	37.79 -3.66 0.00	37.63 -3.81 0.03	37.46 -4.07 1.13	40.17 -4.37 0.37	46.12 -5.03 1.39	47.94 -5.46 5.05	60.64 -6.40 5.02	61.01 -6.26 3.31	69.50 -7.07 0.96	69.96 -7.38 1.33	49.89 -4.91 0.00	44.76 -4.25 0.00
GLEN PARK___ 23778	41.38 0.69 0.00	43.80 1.00 0.00	46.58 0.93 0.00	43.36 0.67 0.00	41.43 0.64 0.00	39.18 1.11 0.00	72.99 3.31 0.00	66.25 4.44 0.00	44.65 2.94 0.00	36.80 1.85 0.00	40.78 1.80 0.00	43.93 2.41 0.00	45.22 3.77 0.00	45.82 4.36 0.00	46.78 4.12 0.00	48.94 4.03 0.00	57.59 5.05 0.00	62.69 4.23 0.00	77.22 5.16 0.00	75.03 4.46 0.00	82.63 5.09 0.00	83.37 4.70 0.00	57.38 2.59 0.00	50.59 1.58 0.00
GLENDALE_27_KV_LOAD 356172	42.53 1.83 0.00	44.47 1.67 0.00	47.58 1.93 0.00	44.43 1.75 0.00	42.42 1.63 0.00	39.59 1.51 0.00	72.70 3.01 0.00	65.09 2.82 -0.46	43.55 1.84 0.00	36.36 1.41 0.00	41.15 1.75 -0.43	43.90 1.81 -0.57	43.29 1.83 0.00	43.34 1.87 0.00	44.90 2.24 0.00	47.32 2.41 0.00	55.42 2.88 0.00	61.55 3.09 0.00	75.23 3.18 0.00	73.66 3.09 0.00	80.96 3.43 0.00	82.00 3.33 0.00	57.12 2.33 0.00	51.03 2.02 0.00
GLENWOOD_IC_1_G5 23712	42.71 2.02 0.00	44.71 1.91 0.00	47.76 2.11 0.00	44.57 1.89 0.00	42.64 1.86 0.00	39.73 1.66 0.00	72.93 3.25 0.00	65.29 3.02 -0.46	43.28 1.57 0.00	36.00 1.05 0.00	40.54 1.57 0.00	43.09 1.57 0.00	42.93 1.48 0.00	43.06 1.59 0.00	44.77 2.11 0.00	47.41 2.50 0.00	55.58 3.04 0.00	61.49 3.03 0.00	75.33 3.27 0.00	73.85 3.28 0.00	81.17 3.64 0.00	82.17 3.51 0.00	57.40 2.61 0.00	51.38 2.37 0.00
GLENWOOD_IC_2_G1 23688	42.61 1.91 0.00	44.61 1.81 0.00	47.66 2.01 0.00	44.47 1.79 0.00	42.54 1.75 0.00	39.65 1.57 0.00	72.74 3.06 0.00	65.12 2.85 -0.46	43.29 1.58 0.00	36.00 1.05 0.00	40.45 1.48 0.00	42.99 1.47 0.00	42.95 1.50 0.00	43.08 1.62 0.00	44.76 2.10 0.00	47.41 2.49 0.00	55.60 3.06 0.00	61.64 3.18 0.00	75.50 3.44 0.00	74.02 3.45 0.00	81.36 3.82 0.00	82.37 3.70 0.00	57.39 2.60 0.00	51.26 2.25 0.00
GLENWOOD_IC_3_G1 23689	42.61 1.91 0.00	44.61 1.81 0.00	47.66 2.01 0.00	44.47 1.79 0.00	42.54 1.75 0.00	39.65 1.57 0.00	72.74 3.06 0.00	65.12 2.85 -0.46	43.29 1.58 0.00	36.00 1.05 0.00	40.45 1.48 0.00	42.99 1.47 0.00	42.95 1.50 0.00	43.08 1.62 0.00	44.76 2.10 0.00	47.41 2.49 0.00	55.60 3.06 0.00	61.64 3.18 0.00	75.50 3.44 0.00	74.02 3.45 0.00	81.36 3.82 0.00	82.37 3.70 0.00	57.39 2.60 0.00	51.26 2.25 0.00
GLENWOOD___4 23550	42.71 2.02 0.00	44.71 1.91 0.00	47.76 2.11 0.00	44.57 1.89 0.00	42.64 1.86 0.00	39.73 1.66 0.00	72.93 3.25 0.00	65.30 3.03 -0.46	43.32 1.61 0.00	36.03 1.08 0.00	40.54 1.57 0.00	43.10 1.57 0.00	42.99 1.53 0.00	43.10 1.64 0.00	44.82 2.16 0.00	47.49 2.58 0.00	55.66 3.12 0.00	61.63 3.17 0.00	75.50 3.44 0.00	74.03 3.46 0.00	81.35 3.81 0.00	82.37 3.70 0.00	57.45 2.66 0.00	51.38 2.37 0.00
GLENWOOD___5 23614	42.71 2.02 0.00	44.71 1.91 0.00	47.76 2.11 0.00	44.57 1.89 0.00	42.64 1.86 0.00	39.73 1.66 0.00	72.93 3.25 0.00	65.30 3.03 -0.46	43.32 1.61 0.00	36.03 1.08 0.00	40.54 1.57 0.00	43.10 1.57 0.00	42.99 1.53 0.00	43.10 1.64 0.00	44.82 2.16 0.00	47.49 2.58 0.00	55.66 3.12 0.00	61.63 3.17 0.00	75.50 3.44 0.00	74.03 3.46 0.00	81.35 3.81 0.00	82.37 3.70 0.00	57.45 2.66 0.00	51.38 2.37 0.00
GLOBAL GREEN_PORT_GT1 23814	42.27 1.58 0.00	44.24 1.44 0.00	47.33 1.68 0.00	44.20 1.52 0.00	42.39 1.60 0.00	39.57 1.50 0.00	72.57 2.89 0.00	65.02 2.75 -0.46	43.08 1.37 0.00	35.47 0.52 0.00	40.07 1.10 0.00	42.56 1.04 0.00	42.64 1.19 0.00	42.63 1.16 0.00	44.46 1.81 0.00	47.26 2.34 0.00	55.45 2.91 0.00	61.65 3.19 0.00	75.72 3.66 0.00	74.31 3.74 0.00	81.90 4.36 0.00	82.89 4.22 0.00	57.49 2.70 0.00	50.94 1.93 0.00
GLOBE___DSASP 323697	33.91 -5.67 1.11	35.38 -5.62 1.81	39.24 -6.21 0.20	37.08 -5.60 0.00	34.43 -5.55 0.80	31.37 -5.18 1.52	54.11 -9.41 6.15	50.82 -8.87 2.11	33.90 -5.59 2.22	30.55 -4.40 0.00	34.53 -4.44 0.00	37.07 -4.45 0.00	36.41 -5.04 0.00	36.05 -5.19 0.22	34.93 -5.65 2.08	38.03 -6.26 0.62	42.92 -7.31 2.32	42.03 -8.02 8.41	54.48 -9.21 8.36	56.16 -8.90 5.50	65.95 -9.99 1.60	66.24 -10.20 2.23	48.56 -6.24 0.00	43.96 -5.04 0.00
GOETHSLN___LBMP 323567	42.04 1.34 0.00	43.95 1.15 0.00	47.05 1.40 0.00	43.93 1.25 0.00	41.94 1.15 0.00	39.15 1.07 0.00	71.84 2.16 0.00	64.28 2.01 -0.46	42.97 1.26 0.00	35.86 0.91 0.00	40.10 1.12 0.00	42.69 1.17 0.00	42.67 1.22 0.00	42.72 1.25 0.00	44.24 1.58 0.00	46.61 1.70 0.00	54.63 2.09 0.00	60.72 2.26 0.00	59.96 2.09 14.18	70.19 2.05 2.43	79.85 2.32 0.00	80.87 2.20 0.00	56.38 1.59 0.00	50.34 1.34 0.00
GOLAH___69_KV_TB 1_2 80279	37.05 -2.96 0.68	38.62 -2.95 1.24	42.21 -3.30 0.14	39.75 -2.93 0.00	37.38 -2.87 0.55	34.43 -2.60 1.04	60.81 -4.68 4.19	56.08 -4.29 1.44	37.60 -2.60 1.51	32.93 -2.02 0.00	36.99 -1.99 0.00	39.57 -1.95 0.00	39.14 -2.32 0.00	38.91 -2.52 0.03	38.51 -2.88 1.28	41.32 -3.17 0.42	47.40 -3.56 1.58	49.04 -3.67 5.75	62.35 -4.00 5.71	62.90 -3.91 3.76	71.94 -4.50 1.10	72.39 -4.77 1.52	51.85 -2.94 0.00	46.58 -2.43 0.00

GOODYEAR_LAKE_HYD 323669	41.41 0.72 0.00	43.62 0.82 0.00	46.59 0.94 0.00	43.54 0.86 0.00	41.61 0.82 0.00	38.88 0.81 0.00	71.47 1.78 0.00	64.95 1.67 -1.47	42.78 1.07 0.00	35.79 0.84 0.00	40.06 1.08 0.00	42.75 1.23 0.00	42.64 1.19 0.00	42.66 1.20 0.00	43.94 1.28 0.00	46.24 1.33 0.00	54.19 1.65 0.00	60.25 1.79 0.00	74.08 2.03 0.00	72.56 1.99 0.00	79.64 2.10 0.00	80.59 1.92 0.00	56.09 1.30 0.00	50.07 1.07 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	39.10 -1.02 0.57	40.68 -1.05 1.07	44.46 -1.07 0.12	41.66 -1.02 0.00	39.38 -0.94 0.48	36.32 -0.85 0.90	64.55 -1.50 3.64	59.53 -1.24 1.04	39.64 -0.76 1.31	34.29 -0.66 0.00	38.39 -0.59 0.00	41.00 -0.53 0.00	40.75 -0.71 0.00	40.67 -0.78 0.03	40.77 -0.80 1.10	43.70 -0.85 0.36	50.18 -1.01 1.35	52.44 -1.10 4.92	65.93 -1.47 4.65	67.02 -1.33 2.22	75.33 -1.57 0.64	75.67 -1.69 1.30	53.72 -1.07 0.00	48.02 -0.98 0.00
GOUDEY___7 23579	39.10 -1.02 0.57	40.68 -1.05 1.07	44.46 -1.07 0.12	41.66 -1.02 0.00	39.38 -0.94 0.48	36.32 -0.85 0.90	64.55 -1.50 3.64	59.53 -1.24 1.04	39.64 -0.76 1.31	34.29 -0.66 0.00	38.39 -0.59 0.00	41.00 -0.53 0.00	40.75 -0.71 0.00	40.67 -0.78 0.03	40.77 -0.80 1.10	43.70 -0.85 0.36	50.18 -1.01 1.35	52.44 -1.10 4.92	65.93 -1.47 4.65	67.02 -1.33 2.22	75.33 -1.57 0.64	75.67 -1.69 1.30	53.72 -1.07 0.00	48.02 -0.98 0.00
GOUDEY___8 23580	39.10 -1.02 0.57	40.68 -1.05 1.07	44.46 -1.07 0.12	41.66 -1.02 0.00	39.38 -0.94 0.48	36.32 -0.85 0.90	64.55 -1.50 3.64	59.53 -1.24 1.04	39.64 -0.76 1.31	34.29 -0.66 0.00	38.39 -0.59 0.00	41.00 -0.53 0.00	40.75 -0.71 0.00	40.67 -0.78 0.03	40.77 -0.80 1.10	43.70 -0.85 0.36	50.18 -1.01 1.35	52.44 -1.10 4.92	65.93 -1.47 4.65	67.02 -1.33 2.22	75.33 -1.57 0.64	75.67 -1.69 1.30	53.72 -1.07 0.00	48.02 -0.98 0.00
GOWANUS_GT1_1 24077	65.28 1.95 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.75 1.74 -22.22	64.92 1.62 -25.22	75.31 3.13 -2.49	66.36 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.91 -16.47	84.00 1.96 -40.59	59.88 1.99 -16.43	67.08 2.35 -22.07	60.22 2.52 -12.79	59.53 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.34 3.51 -1.30	122.21 3.48 -40.06	121.13 2.50 -63.83	98.24 2.20 -47.04
GOWANUS_GT1_2 24078	65.28 1.95 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.75 1.74 -22.22	64.92 1.62 -25.22	75.31 3.13 -2.49	66.36 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.91 -16.47	84.00 1.96 -40.59	59.88 1.99 -16.43	67.08 2.35 -22.07	60.22 2.52 -12.79	59.53 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.34 3.51 -1.30	122.21 3.48 -40.06	121.13 2.50 -63.83	98.24 2.20 -47.04
GOWANUS_GT1_3 24079	65.28 1.95 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.75 1.74 -22.22	64.92 1.62 -25.22	75.31 3.13 -2.49	66.36 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.91 -16.47	84.00 1.96 -40.59	59.88 1.99 -16.43	67.08 2.35 -22.07	60.22 2.52 -12.79	59.53 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.34 3.51 -1.30	122.21 3.48 -40.06	121.13 2.50 -63.83	98.24 2.20 -47.04
GOWANUS_GT1_4 24080	65.28 1.95 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.75 1.74 -22.22	64.92 1.62 -25.22	75.31 3.13 -2.49	66.36 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.91 -16.47	84.00 1.96 -40.59	59.88 1.99 -16.43	67.08 2.35 -22.07	60.22 2.52 -12.79	59.53 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.34 3.51 -1.30	122.21 3.48 -40.06	121.13 2.50 -63.83	98.24 2.20 -47.04
GOWANUS_GT1_5 24084	65.28 1.95 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.75 1.74 -22.22	64.92 1.62 -25.22	75.31 3.13 -2.49	66.36 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.91 -16.47	84.00 1.96 -40.59	59.88 1.99 -16.43	67.08 2.35 -22.07	60.22 2.52 -12.79	59.53 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.34 3.51 -1.30	122.21 3.48 -40.06	121.13 2.50 -63.83	98.24 2.20 -47.04
GOWANUS_GT1_6 24111	65.28 1.95 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.75 1.74 -22.22	64.92 1.62 -25.22	75.31 3.13 -2.49	66.36 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.91 -16.47	84.00 1.96 -40.59	59.88 1.99 -16.43	67.08 2.35 -22.07	60.22 2.52 -12.79	59.53 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.34 3.51 -1.30	122.21 3.48 -40.06	121.13 2.50 -63.83	98.24 2.20 -47.04
GOWANUS_GT1_7 24112	65.28 1.95 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.75 1.74 -22.22	64.92 1.62 -25.22	75.31 3.13 -2.49	66.36 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.91 -16.47	84.00 1.96 -40.59	59.88 1.99 -16.43	67.08 2.35 -22.07	60.22 2.52 -12.79	59.53 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.34 3.51 -1.30	122.21 3.48 -40.06	121.13 2.50 -63.83	98.24 2.20 -47.04
GOWANUS_GT1_8 24113	65.28 1.95 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.75 1.74 -22.22	64.92 1.62 -25.22	75.31 3.13 -2.49	66.36 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.91 -16.47	84.00 1.96 -40.59	59.88 1.99 -16.43	67.08 2.35 -22.07	60.22 2.52 -12.79	59.53 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.34 3.51 -1.30	122.21 3.48 -40.06	121.13 2.50 -63.83	98.24 2.20 -47.04
GOWANUS_GT2_1 24114	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
GOWANUS_GT2_2 24115	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
GOWANUS_GT2_3 24116	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04

GOWANUS_GT2_4 24117	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
GOWANUS_GT2_5 24118	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
GOWANUS_GT2_6 24119	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
GOWANUS_GT2_7 24120	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
GOWANUS_GT2_8 24121	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
GOWANUS_GT3_1 24122	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
GOWANUS_GT3_2 24123	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
GOWANUS_GT3_3 24124	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
GOWANUS_GT3_4 24125	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
GOWANUS_GT3_5 24126	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
GOWANUS_GT3_6 24127	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
GOWANUS_GT3_7 24128	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
GOWANUS_GT3_8 24129	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
GOWANUS_GT4_1 24130	65.28 1.95 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.75 1.74 -22.22	64.92 1.62 -25.22	75.31 3.13 -2.49	66.36 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.91 -16.47	84.00 1.96 -40.59	59.88 1.99 -16.43	67.08 2.35 -22.07	60.22 2.52 -12.79	59.53 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.34 3.51 -1.30	122.21 3.48 -40.06	121.13 2.50 -63.83	98.24 2.20 -47.04
GOWANUS_GT4_2 24131	65.28 1.95 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.75 1.74 -22.22	64.92 1.62 -25.22	75.31 3.13 -2.49	66.36 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.91 -16.47	84.00 1.96 -40.59	59.88 1.99 -16.43	67.08 2.35 -22.07	60.22 2.52 -12.79	59.53 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.34 3.51 -1.30	122.21 3.48 -40.06	121.13 2.50 -63.83	98.24 2.20 -47.04

GOWANUS_GT4_3 24132	65.28 1.95 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.75 1.74 -22.22	64.92 1.62 -25.22	75.31 3.13 -2.49	66.36 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.91 -16.47	84.00 1.96 -40.59	59.88 1.99 -16.43	67.08 2.35 -22.07	60.22 2.52 -12.79	59.53 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.34 3.51 -1.30	122.21 3.48 -40.06	121.13 2.50 -63.83	98.24 2.20 -47.04
GOWANUS_GT4_4 24133	65.28 1.95 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.75 1.74 -22.22	64.92 1.62 -25.22	75.31 3.13 -2.49	66.36 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.91 -16.47	84.00 1.96 -40.59	59.88 1.99 -16.43	67.08 2.35 -22.07	60.22 2.52 -12.79	59.53 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.34 3.51 -1.30	122.21 3.48 -40.06	121.13 2.50 -63.83	98.24 2.20 -47.04
GOWANUS_GT4_5 24134	65.28 1.95 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.75 1.74 -22.22	64.92 1.62 -25.22	75.31 3.13 -2.49	66.36 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.91 -16.47	84.00 1.96 -40.59	59.88 1.99 -16.43	67.08 2.35 -22.07	60.22 2.52 -12.79	59.53 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.34 3.51 -1.30	122.21 3.48 -40.06	121.13 2.50 -63.83	98.24 2.20 -47.04
GOWANUS_GT4_6 24135	65.28 1.95 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.75 1.74 -22.22	64.92 1.62 -25.22	75.31 3.13 -2.49	66.36 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.91 -16.47	84.00 1.96 -40.59	59.88 1.99 -16.43	67.08 2.35 -22.07	60.22 2.52 -12.79	59.53 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.34 3.51 -1.30	122.21 3.48 -40.06	121.13 2.50 -63.83	98.24 2.20 -47.04
GOWANUS_GT4_7 24136	65.28 1.95 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.75 1.74 -22.22	64.92 1.62 -25.22	75.31 3.13 -2.49	66.36 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.91 -16.47	84.00 1.96 -40.59	59.88 1.99 -16.43	67.08 2.35 -22.07	60.22 2.52 -12.79	59.53 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.34 3.51 -1.30	122.21 3.48 -40.06	121.13 2.50 -63.83	98.24 2.20 -47.04
GOWANUS_GT4_8 24137	65.28 1.95 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.75 1.74 -22.22	64.92 1.62 -25.22	75.31 3.13 -2.49	66.36 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.91 -16.47	84.00 1.96 -40.59	59.88 1.99 -16.43	67.08 2.35 -22.07	60.22 2.52 -12.79	59.53 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.34 3.51 -1.30	122.21 3.48 -40.06	121.13 2.50 -63.83	98.24 2.20 -47.04
GREENBSH_115KV_TB3 55895	41.88 1.18 0.00	43.96 1.16 0.00	46.92 1.27 0.00	43.89 1.21 0.00	41.91 1.12 0.00	38.99 0.92 0.00	71.31 1.63 0.00	65.48 1.42 -2.25	42.63 0.93 0.00	35.55 0.60 0.00	39.45 0.47 0.00	41.89 0.37 0.00	41.86 0.40 0.00	41.92 0.45 0.00	43.23 0.57 0.00	45.34 0.43 0.00	53.18 0.64 0.00	59.24 0.78 0.00	72.72 0.67 0.00	71.29 0.71 0.00	78.33 0.79 0.00	79.40 0.73 0.00	55.39 0.60 0.00	49.75 0.75 0.00
GREENIDGE_115KV_TB5 80291	35.95 -1.87 2.87	35.01 -1.89 5.90	42.97 -2.01 0.67	40.89 -1.79 0.00	36.54 -1.63 2.63	31.70 -1.41 4.96	47.15 -2.43 20.10	52.80 -2.23 6.77	33.35 -1.13 7.23	33.94 -1.01 0.00	38.02 -0.96 0.00	40.64 -0.88 0.00	40.36 -1.09 0.00	40.30 -1.35 -0.18	35.41 -1.54 5.72	41.29 -1.61 2.01	43.04 -1.98 7.52	29.08 -2.06 27.32	42.36 -2.39 27.30	50.00 -2.25 18.32	69.39 -2.82 5.33	68.53 -2.90 7.24	53.17 -1.62 0.00	47.65 -1.35 0.00
GREENIDGE___3 23582	35.95 -1.87 2.87	35.01 -1.89 5.90	42.97 -2.01 0.67	40.89 -1.79 0.00	36.54 -1.63 2.63	31.70 -1.41 4.96	47.15 -2.43 20.10	52.80 -2.23 6.77	33.35 -1.13 7.23	33.94 -1.01 0.00	38.02 -0.96 0.00	40.64 -0.88 0.00	40.36 -1.09 0.00	40.30 -1.35 -0.18	35.41 -1.54 5.72	41.29 -1.61 2.01	43.04 -1.98 7.52	29.08 -2.06 27.32	42.36 -2.39 27.30	50.00 -2.25 18.32	69.39 -2.82 5.33	68.53 -2.90 7.24	53.17 -1.62 0.00	47.65 -1.35 0.00
GREENIDGE___4 23583	35.94 -1.88 2.87	35.01 -1.88 5.90	42.98 -2.00 0.67	40.89 -1.78 0.00	36.54 -1.63 2.63	31.70 -1.41 4.96	47.16 -2.42 20.10	52.79 -2.24 6.77	33.35 -1.13 7.23	35.76 -1.01 -1.81	38.02 -0.96 0.00	40.64 -0.88 0.00	40.36 -1.09 0.00	40.29 -1.35 -0.18	35.40 -1.54 5.72	41.29 -1.61 2.01	43.04 -1.99 7.52	29.07 -2.07 27.32	42.33 -2.42 27.30	50.00 -2.25 18.32	69.38 -2.83 5.33	68.52 -2.91 7.24	53.18 -1.62 0.00	47.65 -1.35 0.00
GREENLWN_69_KV_BK 3 55738	42.47 1.78 0.00	44.48 1.68 0.00	47.52 1.87 0.00	44.35 1.67 0.00	42.46 1.67 0.00	39.52 1.45 0.00	72.43 2.75 0.00	64.87 2.60 -0.46	43.11 1.40 0.00	35.78 0.83 0.00	40.23 1.26 0.00	42.73 1.21 0.00	42.73 1.28 0.00	42.91 1.44 0.00	44.62 1.96 0.00	47.36 2.45 0.00	55.60 3.06 0.00	61.63 3.17 0.00	75.44 3.39 0.00	74.05 3.48 0.00	81.44 3.90 0.00	82.52 3.85 0.00	57.43 2.64 0.00	51.24 2.24 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	65.28 1.95 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.75 1.74 -22.22	64.92 1.62 -25.22	75.31 3.13 -2.49	66.36 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.91 -16.47	84.00 1.96 -40.59	59.88 1.99 -16.43	67.08 2.35 -22.07	60.22 2.52 -12.79	59.53 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.34 3.51 -1.30	122.21 3.48 -40.06	121.13 2.50 -63.83	98.24 2.20 -47.04
GRISSOM___SOLAR 323813	42.67 1.97 0.00	44.90 2.10 0.00	47.89 2.24 0.00	44.78 2.10 0.00	42.80 2.02 0.00	40.02 1.94 0.00	73.54 3.86 0.00	70.18 3.53 -4.83	43.80 2.09 0.00	36.45 1.50 0.00	40.34 1.36 0.00	43.08 1.55 0.00	43.20 1.75 0.00	43.44 1.97 0.00	44.96 2.30 0.00	47.38 2.46 0.00	55.60 3.05 0.00	62.00 3.54 0.00	76.51 4.46 0.00	74.87 4.29 0.00	82.13 4.59 0.00	83.17 4.51 0.00	57.79 3.00 0.00	51.57 2.56 0.00
GROVEVILLE___HYD 323602	42.62 1.92 0.00	44.62 1.82 0.00	47.67 2.02 0.00	44.53 1.85 0.00	42.53 1.74 0.00	39.69 1.61 0.00	72.87 3.19 0.00	65.18 2.90 -0.47	43.52 1.81 0.00	36.31 1.36 0.00	40.49 1.51 0.00	43.08 1.56 0.00	43.07 1.62 0.00	43.14 1.67 0.00	44.68 2.02 0.00	47.08 2.17 0.00	55.20 2.66 0.00	61.49 3.03 0.00	75.36 3.31 0.00	73.84 3.27 0.00	81.11 3.58 0.00	82.16 3.49 0.00	57.13 2.33 0.00	50.95 1.94 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	39.85 -0.84 0.00	41.89 -0.91 0.00	44.67 -0.98 0.00	41.79 -0.90 0.00	39.97 -0.82 0.00	37.41 -0.66 0.00	68.51 -1.17 0.00	60.85 -0.96 0.00	41.19 -0.52 0.00	34.56 -0.40 0.00	38.54 -0.43 0.00	41.05 -0.47 0.00	40.95 -0.50 0.00	40.92 -0.55 0.00	42.05 -0.60 0.00	44.30 -0.62 0.00	51.92 -0.63 0.00	57.72 -0.74 0.00	71.13 -0.92 0.00	69.71 -0.86 0.00	76.49 -1.04 0.00	77.52 -1.15 0.00	53.97 -0.82 0.00	48.19 -0.81 0.00

HAMLTNNY_34_KV_TB 80303	40.08 -0.61 0.00	42.11 -0.69 0.00	44.94 -0.71 0.00	42.04 -0.65 0.00	40.23 -0.56 0.00	37.65 -0.43 0.00	69.04 -0.64 0.00	61.32 -0.49 0.00	41.49 -0.22 0.00	34.80 -0.15 0.00	38.79 -0.19 0.00	41.28 -0.25 0.00	41.09 -0.36 0.00	41.03 -0.43 0.00	42.17 -0.49 0.00	44.49 -0.42 0.00	52.21 -0.34 0.00	58.09 -0.38 0.00	71.47 -0.58 0.00	70.00 -0.57 0.00	76.86 -0.68 0.00	77.88 -0.79 0.00	54.21 -0.59 0.00	48.31 -0.70 0.00
HAMPSHIRE___PAPER_HYD 323593	41.48 0.79 0.00	43.89 1.09 0.00	46.70 1.05 0.00	43.48 0.80 0.00	41.48 0.69 0.00	39.30 1.23 0.00	73.23 3.55 0.00	65.35 3.54 0.00	43.95 2.24 0.00	36.46 1.51 0.00	40.64 1.67 0.00	43.91 2.39 0.00	45.04 3.59 0.00	45.51 4.04 0.00	45.92 3.26 0.00	47.20 2.29 0.00	55.19 2.65 0.00	60.81 2.35 0.00	75.07 3.02 0.00	73.22 2.65 0.00	80.67 3.14 0.00	81.96 3.29 0.00	56.86 2.07 0.00	50.57 1.56 0.00
HARDSCRABBLE_WT_PWR 323673	41.22 0.53 0.00	43.25 0.45 0.00	46.18 0.53 0.00	43.30 0.61 0.00	41.44 0.65 0.00	38.66 0.58 0.00	70.73 1.05 0.00	62.89 1.08 0.00	42.29 0.58 0.00	35.13 0.17 0.00	38.93 -0.04 0.00	41.43 -0.09 0.00	41.45 0.00 0.00	41.54 0.08 0.00	43.06 0.40 0.00	45.43 0.52 0.00	53.30 0.75 0.00	59.43 0.97 0.00	72.92 0.87 0.00	71.34 0.77 0.00	78.05 0.51 0.00	79.02 0.35 0.00	54.73 -0.07 0.00	48.98 -0.03 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	42.20 1.51 0.00	44.20 1.40 0.00	47.25 1.60 0.00	44.11 1.43 0.00	42.14 1.35 0.00	39.32 1.24 0.00	72.16 2.48 0.00	64.46 2.22 -0.43	43.08 1.37 0.00	35.96 1.01 0.00	40.10 1.12 0.00	42.72 1.20 0.00	42.76 1.31 0.00	42.81 1.34 0.00	44.31 1.65 0.00	46.67 1.76 0.00	54.72 2.18 0.00	60.90 2.44 0.00	74.58 2.53 0.00	73.09 2.52 0.00	80.33 2.79 0.00	81.37 2.71 0.00	56.63 1.83 0.00	50.52 1.52 0.00
HARSNRAD_115KV_TB1 81005	34.56 -5.04 1.09	36.07 -4.96 1.78	39.96 -5.49 0.20	37.76 -4.92 0.00	35.14 -4.87 0.78	32.06 -4.52 1.49	55.45 -8.25 5.98	52.03 -7.73 2.05	34.76 -4.80 2.15	31.18 -3.77 0.00	35.35 -3.62 0.00	37.97 -3.55 0.00	37.29 -4.17 0.00	36.78 -4.47 0.22	35.76 -4.88 2.03	38.83 -5.47 0.61	44.04 -6.23 2.28	43.45 -6.77 8.25	56.25 -7.57 8.24	57.74 -7.41 5.42	67.51 -8.45 1.58	67.85 -8.62 2.19	49.64 -5.16 0.00	44.84 -4.16 0.00
HARZA MOOSE___RIVER 24016	41.29 0.60 0.00	43.64 0.84 0.00	46.45 0.79 0.00	43.27 0.59 0.00	41.32 0.53 0.00	38.86 0.79 0.00	72.00 2.32 0.00	64.39 2.58 0.00	43.39 1.68 0.00	36.11 1.16 0.00	40.06 1.08 0.00	42.99 1.46 0.00	43.58 2.13 0.00	43.79 2.33 0.00	44.91 2.24 0.00	46.97 2.06 0.00	55.10 2.56 0.00	61.02 2.56 0.00	75.15 3.09 0.00	73.31 2.74 0.00	80.57 3.03 0.00	81.51 2.84 0.00	56.37 1.58 0.00	50.01 1.01 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	39.39 -1.30 0.00	41.41 -1.39 0.00	44.14 -1.52 0.00	41.30 -1.39 0.00	39.51 -1.28 0.00	36.97 -1.11 0.00	67.60 -2.08 0.00	59.98 -1.83 0.00	40.61 -1.10 0.00	34.08 -0.87 0.00	38.02 -0.96 0.00	40.48 -1.04 0.00	40.35 -1.10 0.00	40.33 -1.14 0.00	41.46 -1.20 0.00	43.64 -1.27 0.00	51.10 -1.45 0.00	56.92 -1.54 0.00	70.16 -1.89 0.00	68.76 -1.82 0.00	75.46 -2.08 0.00	76.55 -2.12 0.00	53.32 -1.47 0.00	47.65 -1.35 0.00
HELLGATE_13_KV_LD 55870	42.36 1.67 0.00	44.29 1.49 0.00	47.41 1.76 0.00	44.28 1.60 0.00	42.27 1.48 0.00	39.44 1.37 0.00	72.41 2.72 0.00	64.80 2.53 -0.46	43.37 1.66 0.00	36.18 1.23 0.00	40.95 1.55 -0.43	43.67 1.59 -0.57	43.07 1.61 0.00	43.12 1.65 0.00	44.67 2.01 0.00	47.07 2.16 0.00	55.12 2.58 0.00	61.23 2.77 0.00	74.82 2.77 0.00	73.25 2.68 0.00	80.54 3.00 0.00	81.57 2.90 0.00	56.85 2.06 0.00	50.82 1.81 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	42.36 1.67 0.00	44.29 1.49 0.00	47.41 1.76 0.00	44.28 1.60 0.00	42.27 1.48 0.00	39.44 1.37 0.00	72.41 2.72 0.00	64.80 2.53 -0.46	43.37 1.66 0.00	36.18 1.23 0.00	40.95 1.55 -0.43	43.67 1.59 -0.57	43.07 1.61 0.00	43.12 1.65 0.00	44.67 2.01 0.00	47.07 2.16 0.00	55.12 2.58 0.00	61.23 2.77 0.00	74.82 2.77 0.00	73.25 2.68 0.00	80.54 3.00 0.00	81.57 2.90 0.00	56.85 2.06 0.00	50.82 1.81 0.00
HEMPSTEAD____ 23647	42.53 1.83 0.00	44.54 1.74 0.00	47.57 1.92 0.00	44.39 1.71 0.00	42.48 1.69 0.00	39.56 1.49 0.00	72.59 2.91 0.00	65.02 2.75 -0.46	43.17 1.47 0.00	35.89 0.94 0.00	40.34 1.36 0.00	42.85 1.33 0.00	42.81 1.36 0.00	42.95 1.49 0.00	44.66 2.00 0.00	47.35 2.44 0.00	55.54 3.00 0.00	61.53 3.06 0.00	75.37 3.32 0.00	73.90 3.33 0.00	81.23 3.69 0.00	82.29 3.62 0.00	57.31 2.51 0.00	51.18 2.17 0.00
HEWLETT_69_KV_BK3 55828	42.80 2.10 0.00	44.80 2.00 0.00	47.85 2.20 0.00	44.64 1.96 0.00	42.69 1.91 0.00	39.81 1.74 0.00	73.05 3.37 0.00	65.39 3.12 -0.46	43.47 1.76 0.00	36.17 1.22 0.00	40.59 1.61 0.00	43.14 1.62 0.00	43.14 1.68 0.00	43.26 1.80 0.00	45.00 2.35 0.00	47.66 2.75 0.00	55.96 3.42 0.00	62.07 3.61 0.00	76.10 4.04 0.00	74.57 4.00 0.00	81.89 4.35 0.00	82.82 4.16 0.00	57.65 2.86 0.00	51.45 2.45 0.00
HICKLING___1 23621	35.51 -2.36 2.82	34.94 -2.39 5.46	42.54 -2.49 0.61	40.39 -2.29 0.00	36.25 -2.11 2.43	31.56 -1.92 4.59	47.77 -3.32 18.59	52.85 -2.74 6.22	33.36 -1.66 6.69	33.55 -1.40 0.00	37.66 -1.31 0.00	40.37 -1.15 0.00	39.94 -1.51 0.00	39.59 -1.86 0.01	35.10 -2.04 5.52	40.97 -2.08 1.86	43.00 -2.60 6.95	30.44 -2.78 25.25	43.50 -3.36 25.19	50.78 -3.06 16.73	69.10 -3.57 4.87	68.26 -3.72 6.69	52.51 -2.29 0.00	47.04 -1.97 0.00
HICKLING___2 23622	35.51 -2.36 2.82	34.94 -2.39 5.46	42.54 -2.49 0.61	40.39 -2.29 0.00	36.25 -2.11 2.43	31.56 -1.92 4.59	47.77 -3.32 18.59	52.85 -2.74 6.22	33.36 -1.66 6.69	33.55 -1.40 0.00	37.66 -1.31 0.00	40.37 -1.15 0.00	39.94 -1.51 0.00	39.59 -1.86 0.01	35.10 -2.04 5.52	40.97 -2.08 1.86	43.00 -2.60 6.95	30.44 -2.78 25.25	43.50 -3.36 25.19	50.78 -3.06 16.73	69.10 -3.57 4.87	68.26 -3.72 6.69	52.51 -2.29 0.00	47.04 -1.97 0.00
HIGH FALLS___HY 23754	42.48 1.78 0.00	44.48 1.67 0.00	47.52 1.87 0.00	44.37 1.68 0.00	42.37 1.58 0.00	39.58 1.50 0.00	72.73 3.05 0.00	65.20 2.76 -0.63	43.43 1.72 0.00	36.25 1.30 0.00	40.29 1.32 0.00	42.77 1.25 0.00	42.87 1.42 0.00	42.91 1.45 0.00	44.55 1.89 0.00	46.93 2.02 0.00	55.13 2.59 0.00	61.41 2.95 0.00	75.35 3.30 0.00	73.86 3.29 0.00	81.15 3.61 0.00	82.17 3.50 0.00	57.12 2.32 0.00	50.86 1.86 0.00
HIGH_RIVER___SOLAR 323847	42.11 1.42 0.00	44.29 1.49 0.00	47.25 1.60 0.00	44.20 1.52 0.00	42.20 1.41 0.00	39.40 1.32 0.00	72.31 2.63 0.00	69.29 2.37 -5.10	43.11 1.40 0.00	35.90 0.95 0.00	39.78 0.80 0.00	42.42 0.90 0.00	42.48 1.02 0.00	42.61 1.14 0.00	44.09 1.43 0.00	46.51 1.60 0.00	54.54 2.00 0.00	60.84 2.38 0.00	74.87 2.81 0.00	73.33 2.76 0.00	80.48 2.94 0.00	81.57 2.91 0.00	56.72 1.93 0.00	50.67 1.66 0.00

HILLBURN___GT 23639	42.07 1.38 0.00	44.05 1.25 0.00	47.11 1.45 0.00	43.97 1.29 0.00	42.01 1.22 0.00	39.20 1.12 0.00	71.94 2.25 0.00	64.24 1.99 -0.44	42.90 1.19 0.00	35.79 0.84 0.00	39.95 0.97 0.00	42.60 1.08 0.00	42.63 1.18 0.00	42.67 1.21 0.00	44.15 1.49 0.00	46.51 1.59 0.00	54.53 1.99 0.00	60.65 2.19 0.00	74.20 2.15 0.00	72.71 2.14 0.00	79.97 2.43 0.00	81.01 2.33 0.00	56.40 1.60 0.00	50.35 1.35 0.00
HILLSIDE_115KV_TB1 80332	35.50 -2.53 2.66	35.05 -2.62 5.13	42.37 -2.71 0.58	40.12 -2.56 0.00	36.12 -2.38 2.29	31.57 -2.20 4.31	48.29 -3.92 17.47	52.70 -3.28 5.83	33.36 -2.07 6.29	33.18 -1.77 0.00	37.24 -1.74 0.00	39.91 -1.61 0.00	39.53 -1.93 0.00	39.29 -2.14 0.03	35.22 -2.26 5.19	40.83 -2.34 1.74	43.11 -2.90 6.53	31.57 -3.17 23.72	44.40 -4.01 23.65	51.23 -3.70 15.65	68.80 -4.19 4.55	68.02 -4.36 6.29	51.99 -2.81 0.00	46.52 -2.49 0.00
HISHELDN_WT_PWR 323625	34.26 -4.57 1.87	35.79 -4.46 2.56	40.59 -4.77 0.29	38.47 -4.22 0.00	35.57 -4.08 1.14	32.15 -3.78 2.15	54.13 -6.85 8.70	52.50 -6.32 2.98	34.72 -3.86 3.13	29.14 -3.05 2.77	35.94 -3.04 0.00	38.62 -2.90 0.00	38.01 -3.45 0.00	36.83 -3.97 0.67	34.87 -4.44 3.35	39.27 -4.77 0.87	43.84 -5.44 3.27	40.71 -5.87 11.89	53.45 -6.77 11.84	56.47 -6.29 7.81	68.25 -7.02 2.27	68.42 -7.10 3.15	50.63 -4.16 0.00	45.66 -3.35 0.00
HOLTSVILLE_IC_1 23690	42.71 2.02 0.00	44.72 1.92 0.00	47.77 2.12 0.00	44.59 1.91 0.00	42.71 1.92 0.00	39.77 1.69 0.00	72.80 3.12 0.00	65.21 2.94 -0.46	43.32 1.61 0.00	35.85 0.90 0.00	40.36 1.38 0.00	42.81 1.29 0.00	42.90 1.45 0.00	43.09 1.63 0.00	44.87 2.21 0.00	47.73 2.82 0.00	56.07 3.52 0.00	62.18 3.72 0.00	76.22 4.16 0.00	74.81 4.24 0.00	82.29 4.75 0.00	83.37 4.70 0.00	58.02 3.22 0.00	51.69 2.68 0.00
HOLTSVILLE_IC_10 23699	42.92 2.22 0.00	44.91 2.10 0.00	47.98 2.33 0.00	44.79 2.10 0.00	42.90 2.12 0.00	39.97 1.89 0.00	73.21 3.53 0.00	65.57 3.30 -0.46	43.55 1.84 0.00	36.02 1.07 0.00	40.53 1.56 0.00	42.98 1.46 0.00	43.06 1.61 0.00	43.26 1.80 0.00	45.05 2.39 0.00	47.98 3.07 0.00	56.37 3.83 0.00	62.56 4.10 0.00	76.70 4.64 0.00	75.29 4.71 0.00	82.78 5.24 0.00	83.84 5.17 0.00	58.32 3.52 0.00	51.95 2.95 0.00
HOLTSVILLE_IC_2 23691	42.71 2.02 0.00	44.72 1.92 0.00	47.77 2.12 0.00	44.59 1.91 0.00	42.71 1.92 0.00	39.77 1.69 0.00	72.80 3.12 0.00	65.21 2.94 -0.46	43.32 1.61 0.00	35.85 0.90 0.00	40.36 1.38 0.00	42.81 1.29 0.00	42.90 1.45 0.00	43.09 1.63 0.00	44.87 2.21 0.00	47.73 2.82 0.00	56.07 3.52 0.00	62.18 3.72 0.00	76.22 4.16 0.00	74.81 4.24 0.00	82.29 4.75 0.00	83.37 4.70 0.00	58.02 3.22 0.00	51.69 2.68 0.00
HOLTSVILLE_IC_3 23692	42.71 2.02 0.00	44.72 1.92 0.00	47.77 2.12 0.00	44.59 1.91 0.00	42.71 1.92 0.00	39.77 1.69 0.00	72.80 3.12 0.00	65.21 2.94 -0.46	43.32 1.61 0.00	35.85 0.90 0.00	40.36 1.38 0.00	42.81 1.29 0.00	42.90 1.45 0.00	43.09 1.63 0.00	44.87 2.21 0.00	47.73 2.82 0.00	56.07 3.52 0.00	62.18 3.72 0.00	76.22 4.16 0.00	74.81 4.24 0.00	82.29 4.75 0.00	83.37 4.70 0.00	58.02 3.22 0.00	51.69 2.68 0.00
HOLTSVILLE_IC_4 23693	42.71 2.02 0.00	44.72 1.92 0.00	47.77 2.12 0.00	44.59 1.91 0.00	42.71 1.92 0.00	39.77 1.69 0.00	72.80 3.12 0.00	65.21 2.94 -0.46	43.32 1.61 0.00	35.85 0.90 0.00	40.36 1.38 0.00	42.81 1.29 0.00	42.90 1.45 0.00	43.09 1.63 0.00	44.87 2.21 0.00	47.73 2.82 0.00	56.07 3.52 0.00	62.18 3.72 0.00	76.22 4.16 0.00	74.81 4.24 0.00	82.29 4.75 0.00	83.37 4.70 0.00	58.02 3.22 0.00	51.69 2.68 0.00
HOLTSVILLE_IC_5 23694	42.71 2.02 0.00	44.72 1.92 0.00	47.77 2.12 0.00	44.59 1.91 0.00	42.71 1.92 0.00	39.77 1.69 0.00	72.80 3.12 0.00	65.21 2.94 -0.46	43.32 1.61 0.00	35.85 0.90 0.00	40.36 1.38 0.00	42.81 1.29 0.00	42.90 1.45 0.00	43.09 1.63 0.00	44.87 2.21 0.00	47.73 2.82 0.00	56.07 3.52 0.00	62.18 3.72 0.00	76.22 4.16 0.00	74.81 4.24 0.00	82.29 4.75 0.00	83.37 4.70 0.00	58.02 3.22 0.00	51.69 2.68 0.00
HOLTSVILLE_IC_6 23695	42.92 2.22 0.00	44.91 2.10 0.00	47.98 2.33 0.00	44.79 2.10 0.00	42.90 2.12 0.00	39.97 1.89 0.00	73.21 3.53 0.00	65.57 3.30 -0.46	43.55 1.84 0.00	36.02 1.07 0.00	40.53 1.56 0.00	42.98 1.46 0.00	43.06 1.61 0.00	43.26 1.80 0.00	45.05 2.39 0.00	47.98 3.07 0.00	56.37 3.83 0.00	62.56 4.10 0.00	76.70 4.64 0.00	75.29 4.71 0.00	82.78 5.24 0.00	83.84 5.17 0.00	58.32 3.52 0.00	51.95 2.95 0.00
HOLTSVILLE_IC_7 23696	42.92 2.22 0.00	44.91 2.10 0.00	47.98 2.33 0.00	44.79 2.10 0.00	42.90 2.12 0.00	39.97 1.89 0.00	73.21 3.53 0.00	65.57 3.30 -0.46	43.55 1.84 0.00	36.02 1.07 0.00	40.53 1.56 0.00	42.98 1.46 0.00	43.06 1.61 0.00	43.26 1.80 0.00	45.05 2.39 0.00	47.98 3.07 0.00	56.37 3.83 0.00	62.56 4.10 0.00	76.70 4.64 0.00	75.29 4.71 0.00	82.78 5.24 0.00	83.84 5.17 0.00	58.32 3.52 0.00	51.95 2.95 0.00
HOLTSVILLE_IC_8 23697	42.92 2.22 0.00	44.91 2.10 0.00	47.98 2.33 0.00	44.79 2.10 0.00	42.90 2.12 0.00	39.97 1.89 0.00	73.21 3.53 0.00	65.57 3.30 -0.46	43.55 1.84 0.00	36.02 1.07 0.00	40.53 1.56 0.00	42.98 1.46 0.00	43.06 1.61 0.00	43.26 1.80 0.00	45.05 2.39 0.00	47.98 3.07 0.00	56.37 3.83 0.00	62.56 4.10 0.00	76.70 4.64 0.00	75.29 4.71 0.00	82.78 5.24 0.00	83.84 5.17 0.00	58.32 3.52 0.00	51.95 2.95 0.00
HOLTSVILLE_IC_9 23698	42.92 2.22 0.00	44.91 2.10 0.00	47.98 2.33 0.00	44.79 2.10 0.00	42.90 2.12 0.00	39.97 1.89 0.00	73.21 3.53 0.00	65.57 3.30 -0.46	43.55 1.84 0.00	36.02 1.07 0.00	40.53 1.56 0.00	42.98 1.46 0.00	43.06 1.61 0.00	43.26 1.80 0.00	45.05 2.39 0.00	47.98 3.07 0.00	56.37 3.83 0.00	62.56 4.10 0.00	76.70 4.64 0.00	75.29 4.71 0.00	82.78 5.24 0.00	83.84 5.17 0.00	58.32 3.52 0.00	51.95 2.95 0.00
HOMER_HL_115KV_TB2 355744	36.68 -2.56 1.44	37.78 -2.40 2.62	42.74 -2.62 0.29	40.32 -2.37 0.00	37.33 -2.30 1.16	33.56 -2.31 2.20	56.18 -4.59 8.90	54.44 -4.32 3.05	35.91 -2.59 3.21	32.88 -2.07 0.00	37.27 -1.71 0.00	39.87 -1.65 0.00	39.42 -2.03 0.00	39.10 -2.25 0.12	37.46 -2.40 2.80	41.41 -2.60 0.90	46.11 -3.04 3.39	42.36 -3.80 12.30	55.29 -4.50 12.26	58.04 -4.45 8.08	70.17 -5.02 2.35	70.68 -4.73 3.26	52.33 -2.46 0.00	47.07 -1.94 0.00
HOWARD_WT_PWR 323690	34.23 -4.17 2.29	33.37 -4.06 5.37	40.74 -4.31 0.60	39.14 -3.54 0.00	35.30 -3.10 2.39	30.71 -2.85 4.51	47.06 -4.35 18.28	51.90 -3.76 6.14	32.88 -2.24 6.58	33.74 -1.71 -0.49	37.37 -1.61 0.00	40.00 -1.52 0.00	39.27 -2.18 0.00	38.79 -3.23 -0.55	34.10 -3.82 4.75	39.38 -3.70 1.83	41.39 -4.30 6.85	29.34 -4.24 24.88	41.90 -5.29 24.86	48.67 -5.28 16.62	66.50 -6.20 4.84	66.18 -5.90 6.59	51.61 -3.19 0.00	46.28 -2.72 0.00

HQ_GEN_CEDARS 23644	41.98 1.29 0.00	44.28 1.48 0.00	47.20 1.55 0.00	44.09 1.41 0.00	42.09 1.30 0.00	40.49 2.41 0.00	75.97 6.28 0.00	67.23 5.42 0.00	45.15 3.44 0.00	37.56 2.61 0.00	42.12 3.15 0.00	45.60 4.07 0.00	46.72 5.27 0.00	47.22 5.75 0.00	46.60 3.94 0.00	46.48 1.56 0.00	54.21 1.67 0.00	60.19 1.73 0.00	74.60 2.54 0.00	72.94 2.37 0.00	80.29 2.75 0.00	81.71 3.04 0.00	56.98 2.19 0.00	51.05 2.05 0.00
HQ_GEN_CEDARS_PROXY 323590	41.98 1.29 0.00	44.29 1.48 0.00	47.20 1.55 0.00	44.09 1.41 0.00	42.09 1.30 0.00	40.49 2.41 0.00	75.96 6.28 0.00	67.24 5.43 0.00	45.15 3.44 0.00	37.56 2.61 0.00	42.12 3.15 0.00	45.60 4.07 0.00	46.72 5.27 0.00	47.22 5.75 0.00	46.60 3.94 0.00	46.48 1.56 0.00	54.21 1.67 0.00	60.19 1.74 0.00	74.60 2.55 0.00	72.94 2.37 0.00	80.28 2.74 0.00	81.71 3.04 0.00	56.98 2.19 0.00	51.06 2.05 0.00
HQ_GEN_IMPORT 323601	41.17 0.48 0.00	43.37 0.57 0.00	46.26 0.60 0.00	43.23 0.54 0.00	41.31 0.52 0.00	38.55 0.48 0.00	70.59 0.91 0.00	62.59 0.78 0.00	42.18 0.47 0.00	35.38 0.43 0.00	39.50 0.53 0.00	42.16 0.64 0.00	42.12 0.66 0.00	42.12 0.65 0.00	43.19 0.53 0.00	45.49 0.58 0.00	53.10 0.56 0.00	59.02 0.56 0.00	73.10 1.04 0.00	71.52 0.94 0.00	79.48 1.10 -0.84	79.88 1.21 0.00	55.67 0.88 0.00	49.85 0.85 0.00
HQ_GEN_WHEEL 23651	41.17 0.48 0.00	43.37 0.57 0.00	46.26 0.60 0.00	43.23 0.54 0.00	41.31 0.52 0.00	38.55 0.48 0.00	70.59 0.91 0.00	62.59 0.78 0.00	42.18 0.47 0.00	35.38 0.43 0.00	39.50 0.53 0.00	42.16 0.64 0.00	42.12 0.66 0.00	42.12 0.65 0.00	43.19 0.53 0.00	45.49 0.58 0.00	53.10 0.56 0.00	59.02 0.56 0.00	73.10 1.04 0.00	71.52 0.94 0.00	79.48 1.10 -0.84	79.88 1.21 0.00	55.67 0.88 0.00	49.85 0.85 0.00
HUDSON AVE_GT_3 23810	42.32 1.63 0.00	44.26 1.46 0.00	47.36 1.71 0.00	44.23 1.54 0.00	42.21 1.42 0.00	39.38 1.31 0.00	72.32 2.64 0.00	64.71 2.44 -0.46	43.28 1.57 0.00	36.10 1.15 0.00	40.41 1.43 0.00	43.02 1.49 0.00	42.98 1.53 0.00	43.03 1.56 0.00	44.57 1.91 0.00	46.97 2.06 0.00	55.04 2.50 0.00	61.17 2.71 0.00	74.75 2.69 0.00	73.20 2.63 0.00	80.47 2.94 0.00	81.49 2.82 0.00	56.76 1.97 0.00	50.67 1.66 0.00
HUDSON AVE_GT_4 23540	42.32 1.63 0.00	44.26 1.46 0.00	47.36 1.71 0.00	44.23 1.54 0.00	42.21 1.42 0.00	39.38 1.31 0.00	72.32 2.64 0.00	64.71 2.44 -0.46	43.28 1.57 0.00	36.10 1.15 0.00	40.41 1.43 0.00	43.02 1.49 0.00	42.98 1.53 0.00	43.03 1.56 0.00	44.57 1.91 0.00	46.97 2.06 0.00	55.04 2.50 0.00	61.17 2.71 0.00	74.75 2.69 0.00	73.20 2.63 0.00	80.47 2.94 0.00	81.49 2.82 0.00	56.76 1.97 0.00	50.67 1.66 0.00
HUDSON AVE_GT_5 23657	42.32 1.63 0.00	44.26 1.46 0.00	47.36 1.71 0.00	44.23 1.54 0.00	42.21 1.42 0.00	39.38 1.31 0.00	72.32 2.64 0.00	64.71 2.44 -0.46	43.28 1.57 0.00	36.10 1.15 0.00	40.41 1.43 0.00	43.02 1.49 0.00	42.98 1.53 0.00	43.03 1.56 0.00	44.57 1.91 0.00	46.97 2.06 0.00	55.04 2.50 0.00	61.17 2.71 0.00	74.75 2.69 0.00	73.20 2.63 0.00	80.47 2.94 0.00	81.49 2.82 0.00	56.76 1.97 0.00	50.67 1.66 0.00
HUDSON_AVE_10 24168	42.22 1.53 0.00	44.17 1.36 0.00	47.30 1.65 0.00	44.20 1.52 0.00	42.16 1.37 0.00	39.35 1.27 0.00	72.23 2.55 0.00	64.64 2.37 -0.46	43.23 1.52 0.00	36.03 1.08 0.00	40.30 1.32 0.00	42.88 1.36 0.00	42.82 1.37 0.00	42.89 1.43 0.00	44.45 1.79 0.00	46.84 1.93 0.00	54.88 2.33 0.00	61.02 2.57 0.00	74.48 2.43 0.00	72.93 2.36 0.00	80.17 2.63 0.00	81.18 2.51 0.00	56.54 1.75 0.00	50.50 1.50 0.00
HUDSON___115KV_TB 4 355613	42.75 2.06 0.00	44.88 2.08 0.00	47.89 2.24 0.00	44.79 2.11 0.00	42.78 1.99 0.00	39.79 1.72 0.00	72.83 3.15 0.00	66.47 2.78 -1.88	43.50 1.79 0.00	35.89 0.94 0.00	40.00 1.02 0.00	42.22 0.70 0.00	42.15 0.69 0.00	42.32 0.85 0.00	43.79 1.13 0.00	46.25 1.33 0.00	54.25 1.71 0.00	60.62 2.16 0.00	74.52 2.46 0.00	73.07 2.50 0.00	80.21 2.67 0.00	81.24 2.57 0.00	56.78 1.98 0.00	50.89 1.89 0.00
HUNTER MOUNT___DRP 323613	43.01 2.31 0.00	45.15 2.35 0.00	48.18 2.53 0.00	45.07 2.39 0.00	43.05 2.26 0.00	40.08 2.01 0.00	73.45 3.77 0.00	66.79 3.35 -1.63	43.91 2.20 0.00	36.18 1.23 0.00	40.27 1.30 0.00	42.51 0.99 0.00	42.44 0.99 0.00	42.66 1.19 0.00	44.15 1.49 0.00	46.62 1.71 0.00	54.75 2.21 0.00	61.18 2.72 0.00	75.26 3.21 0.00	73.76 3.18 0.00	80.91 3.38 0.00	81.94 3.27 0.00	57.17 2.37 0.00	51.23 2.22 0.00
HUNTINGTON_RES_REC 323705	42.65 1.95 0.00	44.64 1.83 0.00	47.68 2.03 0.00	44.51 1.83 0.00	42.63 1.84 0.00	39.69 1.62 0.00	72.75 3.06 0.00	65.15 2.88 -0.46	43.27 1.56 0.00	35.85 0.90 0.00	40.31 1.33 0.00	42.77 1.25 0.00	42.81 1.35 0.00	43.00 1.54 0.00	44.74 2.08 0.00	47.60 2.69 0.00	55.92 3.38 0.00	62.03 3.57 0.00	76.01 3.96 0.00	74.60 4.03 0.00	82.05 4.51 0.00	83.09 4.42 0.00	57.80 3.01 0.00	51.53 2.53 0.00
HUNTLEY___63 23557	34.86 -4.67 1.16	36.35 -4.57 1.88	40.37 -5.07 0.21	38.12 -4.56 0.00	35.45 -4.51 0.83	32.31 -4.18 1.58	55.72 -7.58 6.37	52.52 -7.10 2.19	35.02 -4.39 2.29	31.52 -3.43 0.00	35.65 -3.32 0.00	38.30 -3.22 0.00	37.60 -3.86 0.00	37.11 -4.12 0.23	35.97 -4.53 2.16	39.24 -5.03 0.64	44.33 -5.80 2.41	43.39 -6.31 8.76	56.27 -7.06 8.73	57.96 -6.87 5.74	68.11 -7.75 1.67	68.40 -7.94 2.32	50.06 -4.73 0.00	45.25 -3.76 0.00
HUNTLEY___64 23558	34.86 -4.67 1.16	36.35 -4.57 1.88	40.37 -5.07 0.21	38.12 -4.56 0.00	35.45 -4.51 0.83	32.31 -4.18 1.58	55.72 -7.58 6.37	52.52 -7.10 2.19	35.02 -4.39 2.29	31.52 -3.43 0.00	35.65 -3.32 0.00	38.30 -3.22 0.00	37.60 -3.86 0.00	37.11 -4.12 0.23	35.97 -4.53 2.16	39.24 -5.03 0.64	44.33 -5.80 2.41	43.39 -6.31 8.76	56.27 -7.06 8.73	57.96 -6.87 5.74	68.11 -7.75 1.67	68.40 -7.94 2.32	50.06 -4.73 0.00	45.25 -3.76 0.00
HUNTLEY___65 23559	34.86 -4.67 1.16	36.35 -4.57 1.88	40.37 -5.07 0.21	38.12 -4.56 0.00	35.45 -4.51 0.83	32.31 -4.18 1.58	55.72 -7.58 6.37	52.52 -7.10 2.19	35.02 -4.39 2.29	31.52 -3.43 0.00	35.65 -3.32 0.00	38.30 -3.22 0.00	37.60 -3.86 0.00	37.11 -4.12 0.23	35.97 -4.53 2.16	39.24 -5.03 0.64	44.33 -5.80 2.41	43.39 -6.31 8.76	56.27 -7.06 8.73	57.96 -6.87 5.74	68.11 -7.75 1.67	68.40 -7.94 2.32	50.06 -4.73 0.00	45.25 -3.76 0.00
HUNTLEY___66 23560	34.86 -4.67 1.16	36.35 -4.57 1.88	40.37 -5.07 0.21	38.12 -4.56 0.00	35.45 -4.51 0.83	32.31 -4.18 1.58	55.72 -7.58 6.37	52.52 -7.10 2.19	35.02 -4.39 2.29	31.52 -3.43 0.00	35.65 -3.32 0.00	38.30 -3.22 0.00	37.60 -3.86 0.00	37.11 -4.12 0.23	35.97 -4.53 2.16	39.24 -5.03 0.64	44.33 -5.80 2.41	43.39 -6.31 8.76	56.27 -7.06 8.73	57.96 -6.87 5.74	68.11 -7.75 1.67	68.40 -7.94 2.32	50.06 -4.73 0.00	45.25 -3.76 0.00

HUNTLEY___67 23561	34.71 -4.76 1.22	36.15 -4.69 1.96	40.27 -5.16 0.22	38.07 -4.61 0.00	35.35 -4.57 0.87	32.17 -4.26 1.64	55.21 -7.82 6.66	52.23 -7.29 2.28	34.77 -4.54 2.40	31.40 -3.55 0.00	35.48 -3.50 0.00	38.10 -3.43 0.00	37.46 -3.99 0.00	36.95 -4.24 0.27	35.70 -4.68 2.29	39.14 -5.10 0.67	44.13 -5.91 2.51	42.86 -6.50 9.10	55.67 -7.33 9.06	57.54 -7.07 5.96	67.85 -7.95 1.74	68.15 -8.11 2.41	49.93 -4.86 0.00	45.10 -3.91 0.00
HUNTLEY___68 23562	34.71 -4.76 1.22	36.15 -4.69 1.96	40.27 -5.16 0.22	38.07 -4.61 0.00	35.35 -4.57 0.87	32.17 -4.26 1.64	55.21 -7.82 6.66	52.23 -7.29 2.28	34.77 -4.54 2.40	31.40 -3.55 0.00	35.48 -3.50 0.00	38.10 -3.43 0.00	37.46 -3.99 0.00	36.95 -4.24 0.27	35.70 -4.68 2.29	39.14 -5.10 0.67	44.13 -5.91 2.51	42.86 -6.50 9.10	55.67 -7.33 9.06	57.54 -7.07 5.96	67.85 -7.95 1.74	68.15 -8.11 2.41	49.93 -4.86 0.00	45.10 -3.91 0.00
HYLAND___LFG 323620	37.91 -1.84 0.94	38.11 -1.74 2.95	43.38 -1.94 0.33	41.10 -1.58 0.00	38.04 -1.44 1.31	34.46 -1.13 2.48	58.26 -1.37 10.05	57.13 -1.24 3.45	37.53 -0.57 3.62	33.88 -0.55 0.52	38.44 -0.53 0.00	41.00 -0.53 0.00	40.51 -0.94 0.00	40.67 -1.49 -0.69	38.55 -1.95 2.16	42.14 -1.76 1.01	46.83 -1.94 3.77	43.41 -1.35 13.69	57.54 -0.86 13.66	60.75 -0.76 9.07	73.67 -1.23 2.64	73.58 -1.47 3.63	54.14 -0.66 0.00	48.52 -0.49 0.00
INDECK___CORINTH 23802	44.20 3.50 0.00	46.66 3.86 0.00	49.86 4.21 0.00	46.77 4.09 0.00	44.77 3.98 0.00	41.76 3.69 0.00	77.04 7.35 0.00	73.14 6.65 -4.68	46.17 4.46 0.00	38.41 3.46 0.00	42.46 3.49 0.00	45.04 3.52 0.00	45.14 3.68 0.00	45.22 3.76 0.00	46.68 4.03 0.00	49.32 4.41 0.00	57.89 5.34 0.00	64.73 6.27 0.00	79.58 7.52 0.00	77.82 7.24 0.00	85.23 7.69 0.00	86.45 7.78 0.00	59.89 5.09 0.00	53.44 4.44 0.00
INDECK___ILION 23567	41.10 0.41 0.00	43.17 0.37 0.00	46.06 0.41 0.00	43.11 0.43 0.00	41.24 0.45 0.00	38.48 0.40 0.00	70.40 0.72 0.00	62.55 0.74 0.00	42.13 0.42 0.00	35.10 0.15 0.00	39.01 0.04 0.00	41.53 0.01 0.00	41.53 0.08 0.00	41.61 0.14 0.00	42.99 0.33 0.00	45.29 0.38 0.00	53.09 0.55 0.00	59.16 0.70 0.00	72.70 0.64 0.00	71.16 0.59 0.00	78.04 0.50 0.00	79.09 0.43 0.00	54.92 0.12 0.00	49.09 0.09 0.00
INDECK___OLEAN 23982	36.66 -2.59 1.44	37.77 -2.41 2.62	42.74 -2.62 0.29	40.32 -2.37 0.00	37.34 -2.29 1.16	33.56 -2.31 2.20	56.22 -4.56 8.90	54.40 -4.35 3.05	35.91 -2.59 3.21	26.43 -2.09 6.44	37.27 -1.70 0.00	39.88 -1.65 0.00	39.42 -2.04 0.00	39.09 -2.26 0.12	37.46 -2.40 2.80	41.40 -2.60 0.90	46.12 -3.04 3.39	42.34 -3.82 12.30	55.25 -4.55 12.26	58.05 -4.44 8.08	70.18 -5.01 2.35	70.69 -4.72 3.26	52.35 -2.45 0.00	47.08 -1.93 0.00
INDECK___OSWEGO 23783	40.27 -0.42 0.00	42.40 -0.41 0.00	45.18 -0.48 0.00	42.22 -0.46 0.00	40.38 -0.41 0.00	37.87 -0.20 0.00	69.55 -0.13 0.00	62.51 0.70 0.00	42.48 0.76 0.00	35.49 0.54 0.00	39.58 0.60 0.00	42.31 0.78 0.00	42.59 1.14 0.00	42.75 1.28 0.00	43.87 1.22 0.00	46.16 1.24 0.00	54.13 1.58 0.00	59.16 0.70 0.00	72.88 0.83 0.00	71.34 0.77 0.00	78.27 0.72 0.00	79.18 0.51 0.00	54.97 0.17 0.00	48.96 -0.04 0.00
INDECK___YERKES 23781	34.90 -4.63 1.16	36.40 -4.52 1.88	40.43 -5.01 0.21	38.16 -4.52 0.00	35.49 -4.47 0.83	32.34 -4.15 1.58	55.83 -7.48 6.37	52.57 -7.05 2.19	35.08 -4.33 2.29	26.97 -3.41 4.58	35.69 -3.28 0.00	38.35 -3.18 0.00	37.64 -3.82 0.00	37.14 -4.09 0.23	36.02 -4.48 2.16	39.28 -4.99 0.64	44.40 -5.73 2.41	43.43 -6.27 8.76	56.32 -7.01 8.73	58.05 -6.78 5.74	68.20 -7.67 1.67	68.48 -7.87 2.32	50.13 -4.66 0.00	45.29 -3.72 0.00
INDIAN POINT_GT_1 24139	42.14 1.44 0.00	44.11 1.31 0.00	47.16 1.51 0.00	44.02 1.34 0.00	42.04 1.25 0.00	39.22 1.14 0.00	71.96 2.27 0.00	64.31 2.05 -0.46	42.95 1.24 0.00	35.84 0.89 0.00	40.04 1.07 0.00	42.66 1.14 0.00	42.65 1.20 0.00	42.70 1.23 0.00	44.21 1.55 0.00	46.59 1.68 0.00	54.61 2.07 0.00	60.73 2.27 0.00	74.32 2.27 0.00	72.81 2.24 0.00	80.06 2.52 0.00	81.09 2.42 0.00	56.46 1.67 0.00	50.39 1.38 0.00
INDIAN POINT_GT_2 23659	42.14 1.44 0.00	44.11 1.31 0.00	47.16 1.51 0.00	44.02 1.34 0.00	42.04 1.25 0.00	39.22 1.14 0.00	71.96 2.27 0.00	64.31 2.05 -0.46	42.95 1.24 0.00	35.84 0.89 0.00	40.04 1.07 0.00	42.66 1.14 0.00	42.65 1.20 0.00	42.70 1.23 0.00	44.21 1.55 0.00	46.59 1.68 0.00	54.61 2.07 0.00	60.73 2.27 0.00	74.32 2.27 0.00	72.81 2.24 0.00	80.06 2.52 0.00	81.09 2.42 0.00	56.46 1.67 0.00	50.39 1.38 0.00
INDIAN POINT_GT_3 24019	42.14 1.44 0.00	44.11 1.31 0.00	47.16 1.51 0.00	44.02 1.34 0.00	42.04 1.25 0.00	39.22 1.14 0.00	71.96 2.27 0.00	64.31 2.05 -0.46	42.95 1.24 0.00	35.84 0.89 0.00	40.04 1.07 0.00	42.66 1.14 0.00	42.65 1.20 0.00	42.70 1.23 0.00	44.21 1.55 0.00	46.59 1.68 0.00	54.61 2.07 0.00	60.73 2.27 0.00	74.32 2.27 0.00	72.81 2.24 0.00	80.06 2.52 0.00	81.09 2.42 0.00	56.46 1.67 0.00	50.39 1.38 0.00
INDIAN POINT___2 23530	42.07 1.38 0.00	44.03 1.23 0.00	47.09 1.44 0.00	43.95 1.27 0.00	41.98 1.19 0.00	39.15 1.08 0.00	71.85 2.17 0.00	64.19 1.93 -0.45	42.87 1.16 0.00	35.77 0.82 0.00	39.97 0.99 0.00	42.59 1.07 0.00	42.60 1.15 0.00	42.65 1.18 0.00	44.13 1.48 0.00	46.51 1.59 0.00	54.53 1.99 0.00	60.63 2.17 0.00	74.18 2.13 0.00	72.68 2.11 0.00	79.91 2.37 0.00	80.96 2.29 0.00	56.37 1.58 0.00	50.32 1.32 0.00
INDIAN POINT___3 23531	42.09 1.40 0.00	44.07 1.27 0.00	47.12 1.47 0.00	43.99 1.31 0.00	42.02 1.22 0.00	39.18 1.11 0.00	71.88 2.20 0.00	64.23 1.96 -0.46	42.89 1.18 0.00	35.79 0.84 0.00	39.99 1.01 0.00	42.61 1.09 0.00	42.60 1.15 0.00	42.65 1.19 0.00	44.16 1.50 0.00	46.54 1.63 0.00	54.54 1.99 0.00	60.66 2.20 0.00	74.22 2.16 0.00	72.71 2.14 0.00	79.96 2.42 0.00	80.99 2.33 0.00	56.39 1.60 0.00	50.34 1.34 0.00
INGHAM_C_115KV_TB7 356103	41.44 0.75 0.00	43.43 0.63 0.00	46.40 0.75 0.00	43.48 0.80 0.00	41.62 0.83 0.00	38.80 0.72 0.00	70.94 1.26 0.00	63.06 1.25 0.00	42.37 0.66 0.00	35.08 0.12 0.00	38.80 -0.18 0.00	41.25 -0.27 0.00	41.33 -0.12 0.00	41.48 0.01 0.00	43.04 0.38 0.00	45.41 0.50 0.00	53.30 0.76 0.00	59.49 1.03 0.00	72.97 0.92 0.00	71.43 0.86 0.00	78.21 0.67 0.00	79.24 0.57 0.00	54.88 0.08 0.00	49.05 0.05 0.00
IP CORINTH___1 23988	44.23 3.54 0.00	46.66 3.86 0.00	49.87 4.22 0.00	46.77 4.09 0.00	44.77 3.98 0.00	41.76 3.69 0.00	77.04 7.35 0.00	73.14 6.66 -4.68	46.17 4.46 0.00	38.41 3.46 0.00	42.46 3.49 0.00	45.05 3.52 0.00	45.13 3.68 0.00	45.22 3.75 0.00	46.68 4.03 0.00	49.33 4.41 0.00	57.89 5.34 0.00	64.73 6.27 0.00	79.58 7.52 0.00	77.81 7.24 0.00	85.23 7.69 0.00	86.44 7.78 0.00	59.88 5.09 0.00	53.45 4.44 0.00

IP__TICONDEROGA 23804	45.30 4.61 0.00	48.02 5.22 0.00	51.44 5.79 0.00	48.41 5.73 0.00	46.48 5.69 0.00	43.25 5.18 0.00	80.28 10.59 0.00	75.98 9.51 -4.65	48.14 6.43 0.00	39.97 5.01 0.00	44.08 5.10 0.00	46.59 5.07 0.00	46.88 5.43 0.00	46.95 5.48 0.00	48.40 5.74 0.00	51.32 6.40 0.00	60.49 7.95 0.00	67.93 9.46 0.00	83.59 11.53 0.00	81.47 10.90 0.00	89.12 11.58 0.00	90.14 11.47 0.00	62.26 7.47 0.00	55.45 6.44 0.00
ISLIP_RES_REC 323679	43.10 2.41 0.00	45.10 2.30 0.00	48.17 2.52 0.00	44.97 2.29 0.00	43.10 2.31 0.00	40.15 2.08 0.00	73.58 3.90 0.00	65.91 3.64 -0.46	43.77 2.06 0.00	36.17 1.22 0.00	40.70 1.73 0.00	43.17 1.65 0.00	43.24 1.79 0.00	43.44 1.98 0.00	45.28 2.62 0.00	48.25 3.33 0.00	56.69 4.14 0.00	62.92 4.46 0.00	77.16 5.11 0.00	75.71 5.14 0.00	83.25 5.71 0.00	84.26 5.59 0.00	58.60 3.80 0.00	52.18 3.17 0.00
JAMAICA__27_KV_LOAD 355505	42.32 1.62 0.00	44.30 1.50 0.00	47.52 1.87 0.00	44.54 1.85 0.00	42.40 1.61 0.00	39.61 1.53 0.00	72.67 2.99 0.00	65.05 2.78 -0.46	43.54 1.83 0.00	36.19 1.24 0.00	40.39 1.41 0.00	42.85 1.33 0.00	42.77 1.31 0.00	42.92 1.45 0.00	44.54 1.88 0.00	46.90 1.99 0.00	55.01 2.46 0.00	61.20 2.74 0.00	74.62 2.57 0.00	73.02 2.45 0.00	80.37 2.83 0.00	81.41 2.74 0.00	56.67 1.88 0.00	50.65 1.65 0.00
JANIS__SOLAR 323808	43.59 0.10 -2.80	48.27 0.29 -5.18	46.70 0.47 -0.58	43.26 0.57 0.00	43.74 0.65 -2.31	43.24 0.81 -4.35	89.45 2.15 -17.62	70.23 2.14 -6.27	49.33 1.28 -6.34	36.81 1.04 -0.82	40.20 1.22 0.00	42.83 1.30 0.00	42.68 1.23 0.00	42.92 1.28 -0.18	49.25 1.19 -5.40	47.76 1.08 -1.76	60.72 1.59 -6.59	84.46 2.05 -23.95	98.80 2.66 -24.09	89.60 2.38 -16.64	84.65 2.26 -4.84	86.97 1.96 -6.35	56.05 1.25 0.00	50.01 1.00 0.00
JARVIS____ 23743	40.81 0.12 0.00	42.93 0.13 0.00	45.77 0.12 0.00	42.80 0.12 0.00	40.91 0.12 0.00	38.18 0.10 0.00	69.83 0.15 0.00	61.98 0.17 0.00	41.82 0.11 0.00	34.99 0.04 0.00	39.01 0.04 0.00	41.54 0.02 0.00	41.50 0.05 0.00	41.53 0.06 0.00	42.80 0.14 0.00	45.05 0.13 0.00	52.78 0.23 0.00	58.74 0.28 0.00	72.25 0.19 0.00	70.74 0.17 0.00	77.69 0.15 0.00	78.80 0.13 0.00	54.84 0.04 0.00	48.99 -0.02 0.00
JENNISON__1 23625	40.96 -0.30 -0.57	43.89 0.02 -1.07	46.05 0.28 -0.12	42.98 0.30 0.00	41.85 0.58 -0.48	39.75 0.77 -0.90	75.58 2.27 -3.64	65.68 2.24 -1.63	44.34 1.32 -1.31	35.96 1.01 0.00	40.35 1.37 0.00	42.96 1.44 0.00	42.68 1.23 0.00	42.94 1.45 -0.03	44.98 1.21 -1.11	46.44 1.17 -0.36	55.61 1.70 -1.36	65.42 2.00 -4.96	79.44 2.26 -5.12	76.31 1.75 -4.00	80.15 1.45 -1.16	80.76 0.77 -1.31	55.33 0.53 0.00	49.40 0.40 0.00
JENNISON__2 23626	40.96 -0.30 -0.57	43.89 0.02 -1.07	46.05 0.28 -0.12	42.98 0.30 0.00	41.85 0.58 -0.48	39.75 0.77 -0.90	75.58 2.27 -3.64	65.68 2.24 -1.63	44.34 1.32 -1.31	35.96 1.01 0.00	40.35 1.37 0.00	42.96 1.44 0.00	42.68 1.23 0.00	42.94 1.45 -0.03	44.98 1.21 -1.11	46.44 1.17 -0.36	55.61 1.70 -1.36	65.42 2.00 -4.96	79.44 2.26 -5.12	76.31 1.75 -4.00	80.15 1.45 -1.16	80.76 0.77 -1.31	55.33 0.53 0.00	49.40 0.40 0.00
JERICHO_RISE_WT_PWR 323719	40.97 0.27 0.00	43.20 0.40 0.00	46.11 0.46 0.00	42.96 0.28 0.00	41.17 0.38 0.00	38.71 0.63 0.00	71.29 1.61 0.00	63.19 1.38 0.00	42.67 0.96 0.00	35.88 0.93 0.00	39.98 1.01 0.00	42.82 1.30 0.00	42.88 1.44 0.00	42.92 1.45 0.00	43.91 1.25 0.00	46.17 1.25 0.00	53.81 1.27 0.00	59.71 1.25 0.00	73.84 1.79 0.00	72.00 1.43 0.00	79.32 1.79 0.00	80.70 2.03 0.00	56.16 1.37 0.00	50.38 1.38 0.00
KATONAH__115KV_46KV_TB4 355592	42.41 1.72 0.00	44.41 1.61 0.00	47.46 1.81 0.00	44.31 1.63 0.00	42.33 1.54 0.00	39.48 1.40 0.00	72.54 2.85 0.00	65.06 2.78 -0.47	43.42 1.71 0.00	36.21 1.26 0.00	40.44 1.46 0.00	43.04 1.51 0.00	42.99 1.54 0.00	43.04 1.58 0.00	44.58 1.92 0.00	46.98 2.07 0.00	55.09 2.55 0.00	61.32 2.87 0.00	75.16 3.11 0.00	73.62 3.05 0.00	80.89 3.35 0.00	81.89 3.22 0.00	56.97 2.17 0.00	50.81 1.80 0.00
KCE_NY_1 323755	43.45 2.76 0.00	45.66 2.86 0.00	48.76 3.11 0.00	45.66 2.97 0.00	43.65 2.86 0.00	40.72 2.64 0.00	74.84 5.16 0.00	71.11 4.61 -4.69	44.77 3.06 0.00	37.29 2.34 0.00	41.35 2.38 0.00	43.88 2.35 0.00	43.91 2.45 0.00	44.02 2.55 0.00	45.45 2.79 0.00	47.97 3.06 0.00	56.23 3.69 0.00	62.83 4.37 0.00	77.19 5.13 0.00	75.67 5.10 0.00	82.92 5.38 0.00	84.05 5.38 0.00	58.33 3.54 0.00	52.09 3.08 0.00
KCE_NY_6_ESR 323823	35.22 -4.17 1.31	36.64 -4.07 2.10	40.96 -4.45 0.24	38.70 -3.98 0.00	35.95 -3.91 0.93	32.66 -3.65 1.76	55.99 -6.58 7.12	53.20 -6.17 2.44	35.34 -3.81 2.56	26.98 -2.95 5.03	36.10 -2.88 0.00	38.85 -2.67 0.00	38.21 -3.25 0.00	37.61 -3.58 0.28	36.25 -3.97 2.44	39.87 -4.33 0.72	44.91 -4.94 2.70	43.24 -5.44 9.79	56.17 -6.13 9.75	58.29 -5.86 6.42	69.12 -6.55 1.87	69.43 -6.65 2.60	50.94 -3.86 0.00	45.94 -3.07 0.00
KEDC_PORT_JEFF_GT2 24210	42.85 2.15 0.00	44.85 2.04 0.00	47.90 2.25 0.00	44.72 2.04 0.00	42.84 2.05 0.00	39.91 1.84 0.00	73.10 3.42 0.00	65.45 3.18 -0.46	43.47 1.76 0.00	35.97 1.02 0.00	40.47 1.50 0.00	42.92 1.40 0.00	43.00 1.55 0.00	43.21 1.75 0.00	44.98 2.32 0.00	47.90 2.99 0.00	56.29 3.75 0.00	62.47 4.01 0.00	76.58 4.52 0.00	75.16 4.59 0.00	82.67 5.13 0.00	83.70 5.03 0.00	58.24 3.44 0.00	51.86 2.85 0.00
KEDC_PORT_JEFF_GT3 24211	42.85 2.15 0.00	44.85 2.04 0.00	47.90 2.25 0.00	44.72 2.04 0.00	42.84 2.05 0.00	39.91 1.84 0.00	73.10 3.42 0.00	65.45 3.18 -0.46	43.47 1.76 0.00	35.97 1.02 0.00	40.47 1.50 0.00	42.92 1.40 0.00	43.00 1.55 0.00	43.21 1.75 0.00	44.98 2.32 0.00	47.90 2.99 0.00	56.29 3.75 0.00	62.47 4.01 0.00	76.58 4.52 0.00	75.16 4.59 0.00	82.67 5.13 0.00	83.70 5.03 0.00	58.24 3.44 0.00	51.86 2.85 0.00
KEDC_GLWD_GT4 24219	42.71 2.02 0.00	44.71 1.91 0.00	47.75 2.10 0.00	44.57 1.89 0.00	42.64 1.85 0.00	39.73 1.66 0.00	72.93 3.25 0.00	65.29 3.02 -0.46	43.28 1.57 0.00	36.00 1.05 0.00	40.54 1.57 0.00	43.09 1.56 0.00	42.94 1.49 0.00	43.07 1.61 0.00	44.77 2.11 0.00	47.41 2.50 0.00	55.58 3.03 0.00	61.49 3.03 0.00	75.33 3.27 0.00	73.85 3.27 0.00	81.18 3.64 0.00	82.18 3.51 0.00	57.40 2.60 0.00	51.37 2.37 0.00
KEDC_GLWD_GT5 24220	42.71 2.02 0.00	44.71 1.91 0.00	47.75 2.10 0.00	44.57 1.89 0.00	42.64 1.85 0.00	39.73 1.66 0.00	72.93 3.25 0.00	65.29 3.02 -0.46	43.28 1.57 0.00	36.00 1.05 0.00	40.54 1.57 0.00	43.09 1.56 0.00	42.94 1.49 0.00	43.07 1.61 0.00	44.77 2.11 0.00	47.41 2.50 0.00	55.58 3.03 0.00	61.49 3.03 0.00	75.33 3.27 0.00	73.85 3.27 0.00	81.18 3.64 0.00	82.18 3.51 0.00	57.40 2.60 0.00	51.37 2.37 0.00

KENSICO____ 23655	42.25 1.55 0.00	44.21 1.41 0.00	47.26 1.61 0.00	44.12 1.44 0.00	42.12 1.33 0.00	39.29 1.22 0.00	72.10 2.42 0.00	64.49 2.22 -0.46	43.08 1.36 0.00	35.94 0.99 0.00	40.18 1.21 0.00	42.79 1.27 0.00	42.78 1.32 0.00	42.82 1.36 0.00	44.36 1.70 0.00	46.76 1.85 0.00	54.79 2.25 0.00	60.93 2.47 0.00	74.55 2.50 0.00	73.02 2.45 0.00	80.29 2.75 0.00	81.31 2.65 0.00	56.61 1.82 0.00	50.53 1.53 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	42.50 1.81 0.00	44.51 1.71 0.00	47.55 1.90 0.00	44.41 1.72 0.00	42.41 1.62 0.00	39.61 1.54 0.00	72.79 3.11 0.00	65.14 2.79 -0.55	43.46 1.75 0.00	36.28 1.33 0.00	40.28 1.30 0.00	42.75 1.23 0.00	42.83 1.38 0.00	42.90 1.43 0.00	44.52 1.86 0.00	46.90 1.99 0.00	55.10 2.56 0.00	61.38 2.92 0.00	75.34 3.28 0.00	73.84 3.27 0.00	81.11 3.58 0.00	82.12 3.45 0.00	57.11 2.32 0.00	50.88 1.87 0.00
KIAC_JFK_GT1 23816	42.07 1.38 0.00	44.03 1.22 0.00	47.23 1.58 0.00	44.27 1.59 0.00	42.16 1.37 0.00	39.33 1.26 0.00	71.97 2.29 0.00	64.42 2.15 -0.46	43.12 1.41 0.00	35.85 0.90 0.00	40.00 1.03 0.00	42.46 0.94 0.00	42.37 0.92 0.00	42.51 1.04 0.00	44.11 1.46 0.00	46.45 1.54 0.00	54.47 1.93 0.00	60.61 2.16 0.00	73.87 1.82 0.00	72.31 1.74 0.00	79.58 2.04 0.00	80.60 1.93 0.00	56.10 1.30 0.00	50.17 1.16 0.00
KIAC_JFK_GT2 23817	42.07 1.38 0.00	44.03 1.22 0.00	47.23 1.58 0.00	44.27 1.59 0.00	42.16 1.37 0.00	39.33 1.26 0.00	71.97 2.29 0.00	64.42 2.15 -0.46	43.12 1.41 0.00	35.85 0.90 0.00	40.00 1.03 0.00	42.46 0.94 0.00	42.37 0.92 0.00	42.51 1.04 0.00	44.11 1.46 0.00	46.45 1.54 0.00	54.47 1.93 0.00	60.61 2.16 0.00	73.87 1.82 0.00	72.31 1.74 0.00	79.58 2.04 0.00	80.60 1.93 0.00	56.10 1.30 0.00	50.17 1.16 0.00
KIAC_JFK____ 323774	42.07 1.38 0.00	44.02 1.22 0.00	47.23 1.58 0.00	44.27 1.59 0.00	42.16 1.37 0.00	39.33 1.26 0.00	71.97 2.29 0.00	64.43 2.16 -0.46	43.12 1.41 0.00	35.85 0.90 0.00	40.01 1.03 0.00	42.46 0.94 0.00	42.39 0.93 0.00	42.53 1.06 0.00	44.11 1.45 0.00	46.45 1.54 0.00	54.48 1.93 0.00	60.61 2.16 0.00	73.87 1.82 0.00	72.30 1.73 0.00	79.56 2.03 0.00	80.61 1.94 0.00	56.10 1.30 0.00	50.16 1.16 0.00
KINTIGH____ 23543	35.31 -4.50 0.88	36.85 -4.47 1.48	40.57 -4.92 0.17	38.27 -4.41 0.00	35.78 -4.35 0.66	32.76 -4.07 1.24	57.09 -7.53 5.06	53.08 -6.99 1.74	35.51 -4.37 1.82	31.50 -3.45 0.00	35.54 -3.43 0.00	38.07 -3.45 0.00	37.55 -3.90 0.00	37.24 -4.08 0.15	36.51 -4.48 1.67	39.53 -4.87 0.51	44.97 -5.68 1.89	45.35 -6.23 6.88	58.10 -7.12 6.83	59.17 -6.90 4.50	68.45 -7.78 1.31	68.92 -7.94 1.82	49.91 -4.88 0.00	45.02 -3.99 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	41.27 0.58 0.00	43.56 0.75 0.00	46.67 1.02 0.00	43.33 0.65 0.00	41.59 0.79 0.00	39.09 1.02 0.00	72.46 2.77 0.00	64.27 2.46 0.00	43.49 1.78 0.00	36.64 1.69 0.00	40.64 1.67 0.00	43.61 2.09 0.00	43.62 2.17 0.00	43.65 2.19 0.00	44.85 2.19 0.00	47.33 2.41 0.00	55.15 2.61 0.00	60.86 2.40 0.00	74.96 2.90 0.00	72.95 2.38 0.00	80.82 3.28 0.00	82.04 3.37 0.00	56.95 2.15 0.00	51.36 2.36 0.00
LACHUTE____HYDRO 323717	45.30 4.61 0.00	48.02 5.21 0.00	51.44 5.79 0.00	48.41 5.72 0.00	46.48 5.69 0.00	43.25 5.18 0.00	80.28 10.59 0.00	75.97 9.51 -4.65	48.14 6.43 0.00	39.97 5.02 0.00	44.08 5.11 0.00	46.59 5.07 0.00	46.89 5.44 0.00	46.96 5.49 0.00	48.40 5.74 0.00	51.32 6.41 0.00	60.49 7.95 0.00	67.93 9.46 0.00	83.59 11.53 0.00	81.47 10.90 0.00	89.12 11.58 0.00	90.14 11.47 0.00	62.26 7.47 0.00	55.44 6.44 0.00
LAWRNCAL_115KV_TB1 80681	41.99 1.30 0.00	44.33 1.53 0.00	47.24 1.59 0.00	44.09 1.40 0.00	42.02 1.23 0.00	40.04 1.96 0.00	74.76 5.08 0.00	66.15 4.34 0.00	44.41 2.70 0.00	36.95 2.00 0.00	41.44 2.46 0.00	44.85 3.33 0.00	46.00 4.55 0.00	46.49 5.02 0.00	46.28 3.62 0.00	46.78 1.87 0.00	54.48 1.94 0.00	60.26 1.80 0.00	74.60 2.55 0.00	72.90 2.33 0.00	80.40 2.86 0.00	82.02 3.35 0.00	57.21 2.41 0.00	51.19 2.19 0.00
LEDERLE____ 23769	42.22 1.52 0.00	44.19 1.39 0.00	47.26 1.61 0.00	44.11 1.43 0.00	42.14 1.35 0.00	39.31 1.24 0.00	72.15 2.47 0.00	64.43 2.18 -0.44	43.03 1.32 0.00	35.87 0.92 0.00	40.05 1.07 0.00	42.71 1.19 0.00	42.74 1.29 0.00	42.78 1.32 0.00	44.29 1.63 0.00	46.65 1.74 0.00	54.69 2.14 0.00	60.83 2.37 0.00	74.41 2.36 0.00	72.93 2.36 0.00	80.21 2.67 0.00	81.23 2.56 0.00	56.55 1.75 0.00	50.49 1.48 0.00
LIGHTHSE_115KV_TB6 355974	40.18 -0.51 0.00	42.36 -0.44 0.00	45.11 -0.54 0.00	42.11 -0.57 0.00	40.27 -0.52 0.00	37.81 -0.26 0.00	69.60 -0.08 0.00	63.48 1.68 0.00	43.33 1.62 0.00	36.00 1.05 0.00	40.15 1.17 0.00	43.11 1.59 0.00	44.01 2.56 0.00	44.37 2.91 0.00	45.41 2.75 0.00	47.63 2.72 0.00	55.87 3.33 0.00	59.40 0.94 0.00	73.02 0.97 0.00	71.29 0.72 0.00	78.37 0.83 0.00	79.42 0.75 0.00	55.01 0.21 0.00	48.87 -0.13 0.00
LINDEN COGEN____ 23786	42.02 1.33 0.00	43.94 1.13 0.00	47.03 1.38 0.00	43.91 1.23 0.00	41.91 1.13 0.00	39.13 1.06 0.00	71.79 2.10 0.00	64.25 1.98 -0.46	42.95 1.24 0.00	35.84 0.89 0.00	40.08 1.10 0.00	42.68 1.15 0.00	42.66 1.21 0.00	42.71 1.24 0.00	44.21 1.55 0.00	46.59 1.68 0.00	54.59 2.05 0.00	60.68 2.22 0.00	59.93 2.05 14.18	70.15 2.00 2.43	79.80 2.26 0.00	80.83 2.16 0.00	56.34 1.55 0.00	50.32 1.31 0.00
LINDHRST_69_KV_BK1 356055	42.92 2.23 0.00	44.93 2.13 0.00	48.02 2.37 0.00	44.79 2.11 0.00	42.89 2.10 0.00	39.91 1.84 0.00	73.25 3.57 0.00	65.64 3.37 -0.46	43.59 1.88 0.00	36.12 1.17 0.00	40.59 1.62 0.00	43.06 1.54 0.00	43.08 1.62 0.00	43.24 1.78 0.00	45.05 2.39 0.00	47.89 2.98 0.00	56.24 3.69 0.00	62.31 3.86 0.00	76.37 4.32 0.00	74.96 4.39 0.00	82.42 4.88 0.00	83.51 4.85 0.00	58.10 3.30 0.00	51.78 2.78 0.00
LIPA_MISC_IPP 23656	42.72 2.02 0.00	44.70 1.90 0.00	47.78 2.13 0.00	44.61 1.93 0.00	42.74 1.95 0.00	39.82 1.74 0.00	72.90 3.22 0.00	65.25 2.98 -0.46	43.30 1.59 0.00	35.79 0.84 0.00	40.30 1.32 0.00	42.74 1.21 0.00	42.81 1.36 0.00	43.01 1.54 0.00	44.81 2.15 0.00	47.68 2.77 0.00	56.05 3.50 0.00	62.19 3.73 0.00	76.26 4.20 0.00	74.86 4.29 0.00	82.36 4.82 0.00	83.39 4.72 0.00	58.05 3.25 0.00	51.69 2.68 0.00
LISF____SOLAR 323691	42.79 2.10 0.00	44.78 1.98 0.00	47.85 2.20 0.00	44.68 2.00 0.00	42.82 2.03 0.00	39.89 1.82 0.00	73.04 3.36 0.00	65.37 3.10 -0.46	43.36 1.65 0.00	35.83 0.88 0.00	40.32 1.35 0.00	42.76 1.24 0.00	42.84 1.39 0.00	43.04 1.57 0.00	44.87 2.21 0.00	47.76 2.84 0.00	56.15 3.61 0.00	62.34 3.88 0.00	76.45 4.39 0.00	75.05 4.47 0.00	82.54 5.00 0.00	83.59 4.92 0.00	58.17 3.37 0.00	51.80 2.79 0.00

LITTLE FALLS___HYD 24013	41.44 0.75 0.00	43.43 0.63 0.00	46.40 0.75 0.00	43.48 0.80 0.00	41.62 0.83 0.00	38.80 0.72 0.00	70.94 1.26 0.00	63.06 1.25 0.00	42.37 0.66 0.00	35.08 0.12 0.00	38.80 -0.18 0.00	41.25 -0.27 0.00	41.33 -0.12 0.00	41.48 0.01 0.00	43.04 0.38 0.00	45.41 0.50 0.00	53.30 0.76 0.00	59.49 1.03 0.00	72.97 0.92 0.00	71.43 0.86 0.00	78.21 0.67 0.00	79.24 0.57 0.00	54.88 0.08 0.00	49.05 0.05 0.00
LITTLRIV_115KV_TB1 356100	42.65 1.96 0.00	45.04 2.24 0.00	47.97 2.32 0.00	44.78 2.10 0.00	42.69 1.90 0.00	40.45 2.37 0.00	75.29 5.61 0.00	66.60 4.79 0.00	44.55 2.85 0.00	37.00 2.05 0.00	41.53 2.56 0.00	44.83 3.31 0.00	45.83 4.38 0.00	46.22 4.76 0.00	46.38 3.72 0.00	47.50 2.59 0.00	55.38 2.84 0.00	61.40 2.94 0.00	76.11 4.06 0.00	74.45 3.88 0.00	81.97 4.43 0.00	83.54 4.87 0.00	58.23 3.43 0.00	52.09 3.08 0.00
LI_NEWBRDGE___DRP 323616	42.38 1.69 0.00	44.36 1.56 0.00	47.40 1.75 0.00	44.24 1.56 0.00	42.32 1.53 0.00	39.42 1.34 0.00	72.30 2.62 0.00	64.72 2.46 -0.46	43.05 1.34 0.00	35.78 0.84 0.00	40.19 1.22 0.00	42.71 1.18 0.00	42.70 1.25 0.00	42.83 1.37 0.00	44.53 1.87 0.00	47.19 2.28 0.00	55.35 2.81 0.00	61.39 2.94 0.00	75.17 3.12 0.00	73.75 3.17 0.00	81.08 3.54 0.00	82.11 3.45 0.00	57.17 2.37 0.00	51.02 2.01 0.00
LOCKPORT_115KV_TB60_63_64 80432	34.67 -4.96 1.07	36.19 -4.86 1.75	40.06 -5.40 0.20	37.84 -4.84 0.00	35.24 -4.78 0.77	32.17 -4.44 1.47	55.73 -8.09 5.87	52.20 -7.59 2.02	34.89 -4.70 2.11	31.26 -3.70 0.00	35.41 -3.57 0.00	38.02 -3.50 0.00	37.32 -4.13 0.00	36.81 -4.45 0.20	35.85 -4.83 1.98	38.86 -5.46 0.60	44.12 -6.19 2.24	43.65 -6.70 8.12	56.46 -7.48 8.11	57.88 -7.35 5.34	67.55 -8.43 1.55	67.93 -8.58 2.16	49.66 -5.14 0.00	44.86 -4.15 0.00
LOCKPORT___CC1 323769	34.57 -5.04 1.09	36.08 -4.94 1.78	39.98 -5.47 0.20	37.76 -4.92 0.00	35.15 -4.86 0.78	32.05 -4.53 1.49	55.50 -8.21 5.98	52.01 -7.74 2.05	34.77 -4.79 2.15	27.03 -3.78 4.15	35.35 -3.63 0.00	37.98 -3.54 0.00	37.28 -4.17 0.00	36.77 -4.48 0.22	35.77 -4.86 2.03	38.83 -5.47 0.61	44.05 -6.22 2.28	43.45 -6.77 8.25	56.17 -7.65 8.24	57.74 -7.41 5.42	67.52 -8.44 1.58	67.86 -8.62 2.19	49.65 -5.14 0.00	44.85 -4.15 0.00
LOCKPORT___CC2 323770	34.57 -5.04 1.09	36.08 -4.94 1.78	39.98 -5.47 0.20	37.76 -4.92 0.00	35.15 -4.86 0.78	32.05 -4.53 1.49	55.50 -8.21 5.98	52.01 -7.74 2.05	34.77 -4.79 2.15	27.03 -3.78 4.15	35.35 -3.63 0.00	37.98 -3.54 0.00	37.28 -4.17 0.00	36.77 -4.48 0.22	35.77 -4.86 2.03	38.83 -5.47 0.61	44.05 -6.22 2.28	43.45 -6.77 8.25	56.17 -7.65 8.24	57.74 -7.41 5.42	67.52 -8.44 1.58	67.86 -8.62 2.19	49.65 -5.14 0.00	44.85 -4.15 0.00
LOCKPORT___CC3 323771	34.57 -5.04 1.09	36.08 -4.94 1.78	39.98 -5.47 0.20	37.76 -4.92 0.00	35.15 -4.86 0.78	32.05 -4.53 1.49	55.50 -8.21 5.98	52.01 -7.74 2.05	34.77 -4.79 2.15	27.03 -3.78 4.15	35.35 -3.63 0.00	37.98 -3.54 0.00	37.28 -4.17 0.00	36.77 -4.48 0.22	35.77 -4.86 2.03	38.83 -5.47 0.61	44.05 -6.22 2.28	43.45 -6.77 8.25	56.17 -7.65 8.24	57.74 -7.41 5.42	67.52 -8.44 1.58	67.86 -8.62 2.19	49.65 -5.14 0.00	44.85 -4.15 0.00
LONG_LAKE_PHOENIX 24014	40.01 -0.68 0.00	42.10 -0.70 0.00	44.85 -0.80 0.00	41.95 -0.74 0.00	40.10 -0.69 0.00	37.60 -0.48 0.00	68.94 -0.74 0.00	61.63 -0.17 0.00	41.81 0.10 0.00	35.01 0.05 0.00	39.04 0.06 0.00	41.63 0.11 0.00	41.71 0.26 0.00	41.80 0.34 0.00	42.91 0.25 0.00	45.23 0.32 0.00	53.02 0.48 0.00	58.52 0.06 0.00	72.16 0.10 0.00	70.65 0.08 0.00	77.51 -0.03 0.00	78.46 -0.21 0.00	54.49 -0.30 0.00	48.60 -0.40 0.00
LOVETT___3 23632	41.99 1.29 0.00	43.96 1.16 0.00	47.02 1.37 0.00	43.88 1.20 0.00	41.91 1.13 0.00	39.09 1.01 0.00	71.68 2.00 0.00	63.99 1.74 -0.44	42.71 1.00 0.00	35.63 0.68 0.00	39.81 0.84 0.00	42.47 0.95 0.00	42.50 1.04 0.00	42.55 1.08 0.00	44.04 1.38 0.00	46.39 1.48 0.00	54.37 1.83 0.00	60.46 2.00 0.00	73.96 1.91 0.00	72.48 1.91 0.00	79.71 2.18 0.00	80.75 2.09 0.00	56.23 1.44 0.00	50.22 1.22 0.00
LOVETT___4 23642	41.99 1.29 0.00	43.96 1.16 0.00	47.02 1.37 0.00	43.88 1.20 0.00	41.91 1.13 0.00	39.09 1.01 0.00	71.68 2.00 0.00	63.99 1.74 -0.44	42.71 1.00 0.00	35.63 0.68 0.00	39.81 0.84 0.00	42.47 0.95 0.00	42.50 1.04 0.00	42.55 1.08 0.00	44.04 1.38 0.00	46.39 1.48 0.00	54.37 1.83 0.00	60.46 2.00 0.00	73.96 1.91 0.00	72.48 1.91 0.00	79.71 2.18 0.00	80.75 2.09 0.00	56.23 1.44 0.00	50.22 1.22 0.00
LOVETT___5 23593	41.99 1.29 0.00	43.96 1.16 0.00	47.02 1.37 0.00	43.88 1.20 0.00	41.91 1.13 0.00	39.09 1.01 0.00	71.68 2.00 0.00	63.99 1.74 -0.44	42.71 1.00 0.00	35.63 0.68 0.00	39.81 0.84 0.00	42.47 0.95 0.00	42.50 1.04 0.00	42.55 1.08 0.00	44.04 1.38 0.00	46.39 1.48 0.00	54.37 1.83 0.00	60.46 2.00 0.00	73.96 1.91 0.00	72.48 1.91 0.00	79.71 2.18 0.00	80.75 2.09 0.00	56.23 1.44 0.00	50.22 1.22 0.00
LOWER RAQUET___HYD 24057	42.01 1.31 0.00	44.35 1.55 0.00	47.25 1.60 0.00	44.08 1.40 0.00	41.99 1.20 0.00	39.89 1.81 0.00	74.36 4.68 0.00	65.81 4.00 0.00	44.18 2.47 0.00	36.74 1.79 0.00	41.20 2.23 0.00	44.61 3.08 0.00	45.76 4.30 0.00	46.24 4.78 0.00	46.18 3.52 0.00	46.87 1.96 0.00	54.58 2.03 0.00	60.30 1.84 0.00	74.60 2.54 0.00	72.89 2.32 0.00	80.42 2.88 0.00	82.10 3.43 0.00	57.29 2.49 0.00	51.22 2.21 0.00
LOWER___HUDSON 24059	42.62 1.93 0.00	44.72 1.92 0.00	47.74 2.09 0.00	44.69 2.01 0.00	42.72 1.93 0.00	39.77 1.69 0.00	72.87 3.19 0.00	68.73 2.87 -4.05	43.60 1.89 0.00	36.41 1.46 0.00	40.39 1.42 0.00	42.90 1.37 0.00	42.85 1.39 0.00	42.93 1.46 0.00	44.34 1.68 0.00	46.72 1.81 0.00	54.74 2.20 0.00	61.07 2.61 0.00	74.99 2.93 0.00	73.45 2.87 0.00	80.68 3.14 0.00	81.85 3.18 0.00	56.88 2.09 0.00	50.81 1.81 0.00
LOWVILLE_115KV_TB2 356335	41.12 0.43 0.00	43.64 0.83 0.00	46.38 0.73 0.00	43.08 0.40 0.00	41.13 0.34 0.00	38.79 0.72 0.00	72.12 2.44 0.00	64.82 3.01 0.00	43.66 1.95 0.00	36.20 1.25 0.00	40.05 1.08 0.00	43.16 1.64 0.00	44.14 2.69 0.00	44.46 2.99 0.00	45.48 2.83 0.00	47.42 2.51 0.00	55.67 3.13 0.00	61.44 2.98 0.00	75.73 3.67 0.00	73.75 3.18 0.00	81.10 3.56 0.00	82.02 3.35 0.00	56.57 1.78 0.00	50.04 1.04 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	43.41 2.71 0.00	45.63 2.83 0.00	48.72 3.07 0.00	45.63 2.94 0.00	43.63 2.84 0.00	40.68 2.61 0.00	74.78 5.10 0.00	71.08 4.58 -4.69	44.75 3.04 0.00	37.27 2.32 0.00	41.31 2.34 0.00	43.87 2.35 0.00	43.88 2.43 0.00	44.00 2.53 0.00	45.44 2.78 0.00	47.93 3.02 0.00	56.23 3.69 0.00	62.79 4.33 0.00	77.16 5.10 0.00	75.57 5.00 0.00	82.85 5.31 0.00	84.00 5.33 0.00	58.31 3.51 0.00	52.06 3.05 0.00

LUTHERNY_35_KV_BK2 355980	43.46 2.76 0.00	45.65 2.85 0.00	48.76 3.11 0.00	45.66 2.97 0.00	43.65 2.86 0.00	40.72 2.65 0.00	74.84 5.16 0.00	71.11 4.61 -4.69	44.77 3.06 0.00	37.29 2.34 0.00	41.35 2.37 0.00	43.88 2.35 0.00	43.90 2.45 0.00	44.02 2.55 0.00	45.45 2.79 0.00	47.98 3.06 0.00	56.23 3.69 0.00	62.83 4.37 0.00	77.19 5.13 0.00	75.67 5.10 0.00	82.92 5.38 0.00	84.06 5.38 0.00	58.34 3.54 0.00	52.09 3.08 0.00
LWR___OSWEGATCHIE_HYD 23850	41.48 0.79 0.00	43.89 1.09 0.00	46.70 1.05 0.00	43.48 0.80 0.00	41.48 0.69 0.00	39.30 1.23 0.00	73.23 3.55 0.00	65.35 3.54 0.00	43.95 2.24 0.00	36.46 1.51 0.00	40.64 1.67 0.00	43.91 2.39 0.00	45.04 3.59 0.00	45.51 4.04 0.00	45.92 3.26 0.00	47.20 2.29 0.00	55.20 2.65 0.00	60.81 2.35 0.00	75.08 3.02 0.00	73.22 2.65 0.00	80.67 3.14 0.00	81.96 3.29 0.00	56.86 2.07 0.00	50.56 1.56 0.00
LYONS_FALL_HYD 23570	41.29 0.60 0.00	43.64 0.84 0.00	46.44 0.79 0.00	43.27 0.59 0.00	41.32 0.53 0.00	38.86 0.79 0.00	72.00 2.32 0.00	64.39 2.58 0.00	43.39 1.68 0.00	36.11 1.16 0.00	40.06 1.08 0.00	42.99 1.46 0.00	43.58 2.13 0.00	43.79 2.32 0.00	44.90 2.24 0.00	46.98 2.06 0.00	55.10 2.56 0.00	61.01 2.55 0.00	75.15 3.09 0.00	73.31 2.74 0.00	80.56 3.03 0.00	81.51 2.84 0.00	56.37 1.58 0.00	50.01 1.01 0.00
MADISON___COUNTY_LFGE 323628	41.29 0.59 0.00	43.43 0.63 0.00	46.32 0.67 0.00	43.36 0.68 0.00	41.47 0.68 0.00	38.86 0.79 0.00	72.88 2.27 -0.93	63.95 1.95 -0.19	42.97 1.26 0.00	35.95 1.00 0.00	40.04 1.06 0.00	42.69 1.16 0.00	42.71 1.25 0.00	42.73 1.27 0.00	43.98 1.32 0.00	46.25 1.34 0.00	54.23 1.69 0.00	60.25 1.79 0.00	74.08 2.03 0.00	72.49 1.92 0.00	79.51 1.97 0.00	80.48 1.81 0.00	55.93 1.13 0.00	49.85 0.84 0.00
MALONE___115KV_TB1 356076	41.79 1.10 0.00	44.06 1.26 0.00	47.00 1.35 0.00	43.81 1.12 0.00	41.95 1.16 0.00	39.56 1.48 0.00	73.13 3.45 0.00	64.76 2.95 0.00	43.70 1.99 0.00	36.64 1.69 0.00	40.86 1.89 0.00	43.91 2.39 0.00	44.25 2.80 0.00	44.41 2.94 0.00	45.13 2.47 0.00	47.09 2.17 0.00	54.86 2.32 0.00	60.83 2.37 0.00	75.25 3.20 0.00	73.43 2.86 0.00	80.88 3.34 0.00	82.32 3.65 0.00	57.28 2.49 0.00	51.31 2.30 0.00
MAPLEWOD_115KV_TB3 80458	42.35 1.66 0.00	44.45 1.65 0.00	47.45 1.80 0.00	44.39 1.71 0.00	42.40 1.61 0.00	39.46 1.39 0.00	72.22 2.54 0.00	67.42 2.29 -3.32	43.22 1.51 0.00	36.09 1.14 0.00	40.04 1.07 0.00	42.52 1.00 0.00	42.47 1.02 0.00	42.56 1.09 0.00	43.93 1.27 0.00	46.21 1.30 0.00	54.16 1.62 0.00	60.37 1.91 0.00	74.12 2.06 0.00	72.59 2.02 0.00	79.75 2.22 0.00	80.89 2.22 0.00	56.31 1.51 0.00	50.38 1.38 0.00
MAPLE_RIDGE_WT_1 323574	40.46 -0.23 0.00	42.80 0.00 0.00	45.53 -0.12 0.00	42.46 -0.23 0.00	40.61 -0.18 0.00	37.91 -0.17 0.00	69.42 -0.26 0.00	61.61 -0.20 0.00	41.47 -0.24 0.00	34.74 -0.21 0.00	38.84 -0.14 0.00	41.64 0.11 0.00	41.62 0.17 0.00	41.68 0.22 0.00	42.85 0.19 0.00	45.14 0.23 0.00	52.76 0.22 0.00	58.66 0.20 0.00	72.44 0.38 0.00	70.79 0.22 0.00	77.82 0.28 0.00	79.19 0.52 0.00	55.00 0.20 0.00	49.15 0.14 0.00
MAPLE_RIDGE_WT_2 323611	40.46 -0.23 0.00	42.80 0.00 0.00	45.53 -0.12 0.00	42.46 -0.23 0.00	40.61 -0.18 0.00	37.91 -0.17 0.00	69.42 -0.26 0.00	61.61 -0.20 0.00	41.47 -0.24 0.00	34.74 -0.21 0.00	38.84 -0.14 0.00	41.64 0.11 0.00	41.62 0.17 0.00	41.68 0.22 0.00	42.85 0.19 0.00	45.14 0.23 0.00	52.76 0.22 0.00	58.66 0.20 0.00	72.44 0.38 0.00	70.79 0.22 0.00	77.82 0.28 0.00	79.19 0.52 0.00	55.00 0.20 0.00	49.15 0.14 0.00
MARBLE_RIVER_WT_PWR 323696	40.27 -0.42 0.00	42.59 -0.21 0.00	45.69 0.04 0.00	42.26 -0.42 0.00	40.76 -0.03 0.00	38.56 0.48 0.00	71.72 2.04 0.00	63.71 1.90 0.00	43.26 1.55 0.00	36.52 1.57 0.00	40.49 1.51 0.00	43.48 1.96 0.00	43.48 2.03 0.00	43.50 2.03 0.00	44.76 2.10 0.00	47.25 2.33 0.00	55.01 2.47 0.00	60.57 2.11 0.00	74.48 2.42 0.00	72.21 1.64 0.00	80.03 2.49 0.00	81.28 2.61 0.00	56.35 1.56 0.00	50.83 1.82 0.00
MARSHVLE_115KV_TB1 80742	42.34 1.64 0.00	44.65 1.85 0.00	47.59 1.94 0.00	44.52 1.84 0.00	42.56 1.77 0.00	39.84 1.76 0.00	73.19 3.51 0.00	69.52 3.27 -4.44	43.65 1.94 0.00	36.51 1.57 0.00	40.72 1.74 0.00	43.58 2.06 0.00	43.62 2.17 0.00	43.72 2.26 0.00	45.10 2.44 0.00	47.50 2.59 0.00	55.73 3.19 0.00	61.93 3.47 0.00	76.51 4.46 0.00	74.83 4.26 0.00	82.05 4.51 0.00	83.16 4.50 0.00	57.78 2.99 0.00	51.61 2.61 0.00
MARSH_HILL_WT_PWR 323713	34.54 -4.15 2.00	33.82 -4.06 4.92	40.78 -4.32 0.55	39.11 -3.57 0.00	35.46 -3.14 2.19	31.09 -2.86 4.13	48.52 -4.43 16.73	52.35 -3.84 5.61	33.36 -2.33 6.02	33.18 -1.77 0.00	37.30 -1.68 0.00	39.93 -1.60 0.00	39.21 -2.24 0.00	38.80 -3.29 -0.63	34.59 -3.86 4.21	39.49 -3.74 1.68	41.91 -4.36 6.27	31.35 -4.32 22.79	43.99 -5.30 22.76	50.10 -5.28 15.20	66.87 -6.25 4.42	66.66 -5.97 6.04	51.52 -3.28 0.00	46.22 -2.78 0.00
MCINTYRE_115KV_TB2 80467	42.93 2.24 0.00	45.30 2.49 0.00	48.25 2.60 0.00	45.06 2.38 0.00	42.98 2.19 0.00	40.56 2.48 0.00	75.16 5.48 0.00	66.47 4.66 0.00	44.39 2.68 0.00	36.90 1.95 0.00	41.41 2.44 0.00	44.54 3.02 0.00	45.25 3.80 0.00	45.54 4.08 0.00	45.97 3.31 0.00	47.59 2.67 0.00	55.55 3.00 0.00	61.78 3.32 0.00	76.70 4.64 0.00	75.05 4.48 0.00	82.53 5.00 0.00	84.03 5.36 0.00	58.54 3.75 0.00	52.37 3.37 0.00
MECO_____69_KV_BK1 80468	43.01 2.32 0.00	45.28 2.47 0.00	48.28 2.63 0.00	45.16 2.48 0.00	43.17 2.38 0.00	40.40 2.32 0.00	74.39 4.71 0.00	70.91 4.33 -4.77	44.31 2.60 0.00	36.91 1.97 0.00	40.92 1.94 0.00	43.70 2.17 0.00	43.77 2.32 0.00	43.99 2.52 0.00	45.53 2.87 0.00	47.98 3.07 0.00	56.32 3.78 0.00	62.80 4.34 0.00	77.52 5.46 0.00	75.86 5.29 0.00	83.15 5.61 0.00	84.14 5.47 0.00	58.42 3.62 0.00	52.11 3.10 0.00
MENANDS___115KV_TB5 355628	42.21 1.52 0.00	44.29 1.49 0.00	47.29 1.64 0.00	44.24 1.56 0.00	42.25 1.46 0.00	39.31 1.23 0.00	71.88 2.20 0.00	66.96 1.98 -3.17	43.01 1.30 0.00	35.92 0.97 0.00	39.87 0.89 0.00	42.33 0.81 0.00	42.29 0.84 0.00	42.35 0.88 0.00	43.71 1.05 0.00	45.92 1.01 0.00	53.83 1.29 0.00	59.97 1.51 0.00	73.62 1.56 0.00	72.11 1.54 0.00	79.19 1.65 0.00	80.32 1.66 0.00	55.93 1.14 0.00	50.12 1.11 0.00
MG INDUSTRY___DRP 24185	42.06 1.36 0.00	44.20 1.40 0.00	47.18 1.53 0.00	44.12 1.44 0.00	42.14 1.36 0.00	39.22 1.15 0.00	71.73 2.05 0.00	65.29 1.74 -1.74	42.81 1.10 0.00	35.60 0.65 0.00	39.63 0.66 0.00	42.12 0.60 0.00	42.04 0.59 0.00	42.16 0.69 0.00	43.51 0.85 0.00	45.81 0.90 0.00	53.68 1.14 0.00	59.80 1.34 0.00	73.44 1.38 0.00	71.99 1.42 0.00	79.08 1.54 0.00	80.21 1.54 0.00	55.91 1.12 0.00	50.12 1.12 0.00

MID___OSWEGATCHIE_HYD 23849	41.48 0.79 0.00	43.89 1.09 0.00	46.70 1.05 0.00	43.48 0.80 0.00	41.48 0.69 0.00	39.30 1.23 0.00	73.23 3.55 0.00	65.35 3.54 0.00	43.95 2.24 0.00	36.46 1.51 0.00	40.64 1.67 0.00	43.91 2.39 0.00	45.04 3.59 0.00	45.51 4.04 0.00	45.92 3.26 0.00	47.20 2.29 0.00	55.20 2.65 0.00	60.81 2.35 0.00	75.08 3.02 0.00	73.22 2.65 0.00	80.67 3.14 0.00	81.96 3.29 0.00	56.86 2.07 0.00	50.56 1.56 0.00
MID___RAQUETTE_HYD 23851	42.00 1.31 0.00	44.35 1.55 0.00	47.24 1.59 0.00	44.08 1.40 0.00	41.99 1.20 0.00	39.89 1.81 0.00	74.36 4.68 0.00	65.81 4.00 0.00	44.18 2.47 0.00	36.74 1.79 0.00	41.20 2.23 0.00	44.61 3.08 0.00	45.76 4.30 0.00	46.24 4.78 0.00	46.18 3.52 0.00	46.87 1.96 0.00	54.58 2.03 0.00	60.30 1.84 0.00	74.59 2.54 0.00	72.90 2.33 0.00	80.42 2.88 0.00	82.10 3.43 0.00	57.28 2.49 0.00	51.22 2.21 0.00
MILLIKEN___1 23584	43.69 -0.36 -3.36	48.64 -0.39 -6.22	45.98 -0.37 -0.70	42.38 -0.30 -0.01	43.33 -0.23 -2.77	43.16 -0.14 -5.23	90.90 0.05 -21.18	69.37 0.18 -7.38	49.44 0.11 -7.62	35.00 0.05 0.00	39.10 0.13 0.00	41.70 0.18 0.00	41.54 0.09 0.00	41.66 -0.01 -0.21	49.05 -0.09 -6.48	46.89 -0.13 -2.11	60.49 0.03 -7.92	87.45 0.23 -28.76	101.20 0.26 -28.89	90.60 0.28 -19.74	83.49 0.20 -5.75	86.36 0.06 -7.63	54.81 0.02 0.00	48.89 -0.11 0.00
MILLIKEN___2 23585	43.69 -0.36 -3.36	48.64 -0.39 -6.22	45.98 -0.37 -0.70	42.38 -0.30 -0.01	43.33 -0.23 -2.77	43.16 -0.14 -5.23	90.90 0.05 -21.18	69.37 0.18 -7.38	49.44 0.11 -7.62	35.00 0.05 0.00	39.10 0.13 0.00	41.70 0.18 0.00	41.54 0.09 0.00	41.66 -0.01 -0.21	49.05 -0.09 -6.48	46.89 -0.13 -2.11	60.49 0.03 -7.92	87.45 0.23 -28.76	101.20 0.26 -28.89	90.60 0.28 -19.74	83.49 0.20 -5.75	86.36 0.06 -7.63	54.81 0.02 0.00	48.89 -0.11 0.00
MILLIKEN___DIESEL 23629	43.69 -0.36 -3.36	48.64 -0.39 -6.22	45.98 -0.37 -0.70	42.38 -0.30 -0.01	43.33 -0.23 -2.77	43.16 -0.14 -5.23	90.90 0.05 -21.18	69.37 0.18 -7.38	49.44 0.11 -7.62	35.00 0.05 0.00	39.10 0.13 0.00	41.70 0.18 0.00	41.54 0.09 0.00	41.66 -0.01 -0.21	49.05 -0.09 -6.48	46.89 -0.13 -2.11	60.49 0.03 -7.92	87.45 0.23 -28.76	101.20 0.26 -28.89	90.60 0.28 -19.74	83.49 0.20 -5.75	86.36 0.06 -7.63	54.81 0.02 0.00	48.89 -0.11 0.00
MILLSEAT___LFGE 323607	35.77 -3.94 0.99	37.32 -3.84 1.65	41.18 -4.29 0.19	38.84 -3.84 0.00	36.26 -3.80 0.72	33.24 -3.45 1.38	58.07 -6.09 5.53	54.16 -5.75 1.90	36.23 -3.49 1.99	28.42 -2.75 3.77	36.36 -2.62 0.00	39.02 -2.50 0.00	38.39 -3.06 0.00	37.82 -3.47 0.17	37.03 -3.79 1.84	39.97 -4.38 0.56	45.67 -4.76 2.11	45.87 -4.96 7.64	59.04 -5.27 7.62	60.29 -5.02 5.02	69.88 -6.20 1.46	70.26 -6.39 2.03	51.01 -3.79 0.00	45.97 -3.04 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	42.18 1.48 0.00	44.15 1.35 0.00	47.21 1.56 0.00	44.06 1.38 0.00	42.08 1.29 0.00	39.25 1.18 0.00	72.02 2.34 0.00	64.37 2.10 -0.46	43.00 1.29 0.00	35.87 0.92 0.00	40.10 1.12 0.00	42.71 1.19 0.00	42.69 1.24 0.00	42.74 1.27 0.00	44.26 1.60 0.00	46.64 1.73 0.00	54.68 2.13 0.00	60.79 2.33 0.00	74.41 2.36 0.00	72.89 2.31 0.00	80.14 2.60 0.00	81.17 2.50 0.00	56.52 1.72 0.00	50.44 1.43 0.00
MILLWOOD_13_KV_LOAD 356217	42.23 1.54 0.00	44.20 1.40 0.00	47.26 1.61 0.00	44.11 1.43 0.00	42.12 1.33 0.00	39.29 1.22 0.00	72.10 2.42 0.00	64.47 2.20 -0.46	43.06 1.34 0.00	35.92 0.97 0.00	40.14 1.17 0.00	42.75 1.23 0.00	42.74 1.29 0.00	42.78 1.32 0.00	44.32 1.66 0.00	46.71 1.80 0.00	54.75 2.21 0.00	60.89 2.43 0.00	74.51 2.46 0.00	72.99 2.42 0.00	80.26 2.72 0.00	81.29 2.62 0.00	56.58 1.79 0.00	50.50 1.50 0.00
MODEL_CITY_ENERGY 24167	34.32 -5.28 1.10	35.81 -5.19 1.80	39.71 -5.74 0.20	37.50 -5.18 0.00	34.90 -5.11 0.78	31.80 -4.76 1.51	55.03 -8.67 5.98	51.55 -8.21 2.05	34.46 -5.09 2.15	26.58 -4.01 4.36	35.02 -3.95 0.00	37.62 -3.90 0.00	36.89 -4.57 0.00	36.41 -4.84 0.21	35.44 -5.20 2.02	38.38 -5.92 0.61	43.51 -6.73 2.30	42.80 -7.33 8.32	55.36 -8.35 8.33	56.97 -8.12 5.48	66.62 -9.32 1.60	66.99 -9.47 2.22	49.11 -5.69 0.00	44.37 -4.63 0.00
MODERN_LFGE___ 323580	34.32 -5.28 1.10	35.81 -5.19 1.80	39.71 -5.74 0.20	37.50 -5.18 0.00	34.90 -5.11 0.78	31.80 -4.76 1.51	55.03 -8.67 5.98	51.55 -8.21 2.05	34.46 -5.09 2.15	26.58 -4.01 4.36	35.02 -3.95 0.00	37.62 -3.90 0.00	36.89 -4.57 0.00	36.41 -4.84 0.21	35.44 -5.20 2.02	38.38 -5.92 0.61	43.51 -6.73 2.30	42.80 -7.33 8.32	55.36 -8.35 8.33	56.97 -8.12 5.48	66.62 -9.32 1.60	66.99 -9.47 2.22	49.11 -5.69 0.00	44.37 -4.63 0.00
MOHAWK_PAPER___DRP 24187	42.35 1.66 0.00	44.45 1.65 0.00	47.45 1.80 0.00	44.39 1.71 0.00	42.40 1.61 0.00	39.46 1.39 0.00	72.22 2.54 0.00	67.42 2.29 -3.32	43.22 1.51 0.00	36.09 1.14 0.00	40.04 1.07 0.00	42.52 1.00 0.00	42.47 1.02 0.00	42.56 1.09 0.00	43.93 1.27 0.00	46.21 1.30 0.00	54.16 1.62 0.00	60.37 1.91 0.00	74.12 2.06 0.00	72.59 2.02 0.00	79.75 2.22 0.00	80.89 2.22 0.00	56.31 1.51 0.00	50.38 1.38 0.00
MOHICAN___35_KV_115KV_LD 80490	44.26 3.57 0.00	46.66 3.86 0.00	49.87 4.22 0.00	46.79 4.10 0.00	44.78 3.99 0.00	41.77 3.69 0.00	77.05 7.37 0.00	73.10 6.66 -4.64	46.16 4.45 0.00	38.40 3.45 0.00	42.47 3.50 0.00	45.04 3.51 0.00	45.13 3.68 0.00	45.23 3.77 0.00	46.70 4.04 0.00	49.35 4.44 0.00	57.90 5.36 0.00	64.78 6.32 0.00	79.64 7.58 0.00	77.85 7.27 0.00	85.28 7.74 0.00	86.44 7.78 0.00	59.89 5.10 0.00	53.45 4.44 0.00
MONGAUP___HYD 23641	42.44 1.74 0.00	44.46 1.65 0.00	47.48 1.83 0.00	44.34 1.66 0.00	42.34 1.55 0.00	39.56 1.48 0.00	72.68 3.00 0.00	64.89 2.66 -0.42	43.31 1.60 0.00	36.12 1.16 0.00	40.02 1.04 0.00	42.23 0.71 0.00	42.61 1.16 0.00	42.51 1.04 0.00	44.13 1.47 0.00	46.70 1.79 0.00	54.94 2.40 0.00	61.25 2.79 0.00	75.23 3.18 0.00	73.72 3.15 0.00	81.03 3.50 0.00	82.04 3.37 0.00	57.04 2.24 0.00	50.85 1.85 0.00
MONTAUK___DIESEL 23721	41.76 1.07 0.00	43.72 0.92 0.00	46.79 1.14 0.00	43.70 1.02 0.00	41.89 1.10 0.00	39.11 1.04 0.00	71.74 2.06 0.00	64.31 2.04 -0.46	42.61 0.90 0.00	35.06 0.11 0.00	39.69 0.72 0.00	42.20 0.68 0.00	42.27 0.82 0.00	42.18 0.71 0.00	44.02 1.36 0.00	46.73 1.82 0.00	54.77 2.23 0.00	60.87 2.41 0.00	74.76 2.70 0.00	73.41 2.84 0.00	81.18 3.65 0.00	82.18 3.51 0.00	56.94 2.15 0.00	50.35 1.35 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	35.36 -3.96 1.38	36.70 -3.78 2.32	41.39 -4.00 0.26	39.19 -3.49 0.00	36.49 -3.27 1.03	33.25 -2.88 1.95	56.87 -4.93 7.88	54.46 -4.64 2.70	36.05 -2.82 2.84	32.83 -2.12 0.00	36.83 -2.14 0.00	39.75 -1.77 0.00	38.67 -2.79 0.00	37.70 -3.55 0.22	36.41 -3.65 2.61	40.66 -3.45 0.80	46.01 -3.54 2.99	43.30 -4.31 10.85	55.87 -5.37 10.81	58.82 -4.64 7.11	71.06 -4.41 2.07	71.22 -4.58 2.87	52.26 -2.54 0.00	47.02 -1.98 0.00

MORRIS_RIDGE___SOLAR 323848	33.99 -4.08 2.62	35.56 -3.99 3.24	41.07 -4.21 0.36	38.98 -3.70 0.00	35.87 -3.48 1.44	32.13 -3.22 2.73	52.91 -5.73 11.04	53.05 -5.09 3.67	34.62 -3.12 3.97	32.43 -2.51 0.00	36.41 -2.57 0.00	39.09 -2.43 0.00	38.57 -2.88 0.00	36.69 -3.62 1.16	34.08 -3.98 4.61	39.70 -4.11 1.11	43.65 -4.75 4.14	38.38 -5.04 15.04	51.19 -5.87 14.99	55.25 -5.41 9.91	68.52 -6.13 2.88	68.50 -6.19 3.98	51.16 -3.63 0.00	46.04 -2.97 0.00
MORTIMER_115KV_TB3 55949	36.98 -3.07 0.64	38.52 -3.07 1.21	42.10 -3.41 0.14	39.63 -3.05 0.00	37.28 -2.97 0.54	34.33 -2.73 1.02	60.62 -4.94 4.12	55.85 -4.54 1.42	37.44 -2.79 1.49	32.79 -2.16 0.00	36.84 -2.14 0.00	39.37 -2.16 0.00	38.98 -2.47 0.00	38.80 -2.63 0.03	38.47 -2.94 1.26	41.29 -3.20 0.41	47.34 -3.65 1.55	48.94 -3.89 5.64	62.10 -4.35 5.60	62.64 -4.24 3.69	71.59 -4.87 1.08	72.09 -5.09 1.49	51.59 -3.20 0.00	46.34 -2.67 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	42.31 1.62 0.00	44.26 1.46 0.00	47.35 1.69 0.00	44.19 1.51 0.00	42.19 1.40 0.00	39.36 1.29 0.00	72.26 2.58 0.00	64.64 2.37 -0.46	43.21 1.50 0.00	36.06 1.11 0.00	40.35 1.37 0.00	42.97 1.45 0.00	42.94 1.49 0.00	42.98 1.51 0.00	44.53 1.86 0.00	46.93 2.01 0.00	54.98 2.44 0.00	61.11 2.65 0.00	74.72 2.66 0.00	73.16 2.59 0.00	80.44 2.90 0.00	81.48 2.81 0.00	56.74 1.95 0.00	50.66 1.65 0.00
MUNSVILLE_WIND_PWR 323609	42.91 0.53 -1.69	46.93 1.01 -3.11	47.47 1.47 -0.35	44.37 1.69 0.00	43.91 1.74 -1.39	42.63 1.94 -2.62	84.87 4.58 -10.60	70.27 4.52 -3.94	48.21 2.68 -3.82	38.20 2.32 -0.93	41.70 2.72 0.00	44.28 2.76 0.00	44.25 2.79 0.00	44.65 3.07 -0.12	48.88 2.96 -3.26	48.96 2.99 -1.06	60.31 3.80 -3.97	77.27 4.39 -14.42	91.95 5.33 -14.57	85.52 4.65 -10.30	85.09 4.55 -3.00	86.63 4.14 -3.82	57.46 2.66 0.00	51.26 2.26 0.00
N SALMON___HYD 24042	41.79 1.10 0.00	44.06 1.26 0.00	47.01 1.35 0.00	43.81 1.12 0.00	41.95 1.16 0.00	39.56 1.48 0.00	73.14 3.46 0.00	64.76 2.95 0.00	43.70 1.99 0.00	36.64 1.69 0.00	40.86 1.89 0.00	43.91 2.39 0.00	44.25 2.80 0.00	44.41 2.94 0.00	45.13 2.47 0.00	47.09 2.17 0.00	54.86 2.32 0.00	60.83 2.37 0.00	75.26 3.20 0.00	73.43 2.86 0.00	80.88 3.34 0.00	82.32 3.65 0.00	57.29 2.49 0.00	51.31 2.31 0.00
N.AKRON__115KV_KNAPP 355671	35.44 -4.23 1.02	36.98 -4.13 1.69	40.86 -4.60 0.19	38.57 -4.11 0.00	35.97 -4.08 0.74	32.93 -3.73 1.42	57.34 -6.68 5.66	53.59 -6.27 1.94	35.84 -3.83 2.04	31.94 -3.02 0.00	36.12 -2.86 0.00	38.76 -2.76 0.00	38.10 -3.35 0.00	37.56 -3.73 0.19	36.68 -4.08 1.90	39.66 -5.17 0.58	45.22 -5.17 2.16	45.14 -5.49 7.83	58.26 -5.98 7.82	59.54 -5.89 5.14	69.18 -6.87 1.50	69.52 -7.07 2.08	50.62 -4.18 0.00	45.65 -3.36 0.00
N.BELMOR_69_KV_BK1 55787	42.64 1.95 0.00	44.66 1.86 0.00	47.70 2.05 0.00	44.50 1.82 0.00	42.57 1.79 0.00	39.65 1.58 0.00	72.77 3.09 0.00	65.17 2.90 -0.46	43.28 1.57 0.00	35.96 1.00 0.00	40.38 1.40 0.00	42.88 1.36 0.00	42.86 1.40 0.00	43.01 1.54 0.00	44.76 2.10 0.00	47.47 2.56 0.00	55.72 3.18 0.00	61.69 3.23 0.00	75.62 3.56 0.00	74.16 3.59 0.00	81.51 3.98 0.00	82.66 3.99 0.00	57.51 2.72 0.00	51.33 2.33 0.00
N.E_GEN_SANDY PD 24062	44.95 1.75 -2.50	44.46 1.65 0.00	47.47 1.82 0.00	44.41 1.73 0.00	43.75 1.65 -1.31	64.78 1.42 -25.29	89.70 2.66 -17.36	87.55 2.38 -23.35	64.86 1.54 -21.60	37.82 1.19 -1.68	40.20 1.23 0.00	42.69 1.17 0.00	42.62 1.16 0.00	42.67 1.20 0.00	44.13 1.47 0.00	46.51 1.59 0.00	54.48 1.94 0.00	72.11 2.29 -11.36	81.08 2.45 -6.58	73.67 2.40 -0.70	81.03 2.64 -0.84	81.15 2.68 0.19	56.66 1.75 -0.11	50.47 1.47 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	42.04 1.35 0.00	44.02 1.22 0.00	47.07 1.42 0.00	43.93 1.25 0.00	41.96 1.17 0.00	39.14 1.07 0.00	71.80 2.12 0.00	64.08 1.83 -0.44	42.78 1.07 0.00	35.71 0.76 0.00	39.89 0.92 0.00	42.55 1.03 0.00	42.58 1.12 0.00	42.62 1.16 0.00	44.12 1.46 0.00	46.47 1.56 0.00	54.48 1.93 0.00	60.58 2.12 0.00	74.11 2.06 0.00	72.62 2.05 0.00	79.88 2.34 0.00	80.91 2.24 0.00	56.33 1.54 0.00	50.31 1.31 0.00
N.QUEENS_27_KV_LOAD 356247	42.48 1.78 0.00	44.44 1.64 0.00	47.55 1.90 0.00	44.36 1.67 0.00	42.31 1.52 0.00	39.49 1.42 0.00	72.47 2.78 0.00	64.88 2.61 -0.46	43.40 1.68 0.00	36.22 1.27 0.00	40.42 1.44 -0.01	43.02 1.49 -0.01	43.10 1.64 0.00	43.17 1.70 0.00	44.73 2.07 0.00	47.12 2.21 0.00	55.15 2.61 0.00	61.16 2.70 0.00	74.72 2.67 0.00	73.16 2.59 0.00	80.59 3.05 0.00	81.60 2.93 0.00	56.86 2.07 0.00	50.84 1.83 0.00
N.TROY___115KV_TB1 355778	42.62 1.92 0.00	44.72 1.92 0.00	47.74 2.09 0.00	44.69 2.01 0.00	42.72 1.93 0.00	39.77 1.69 0.00	72.88 3.20 0.00	68.73 2.87 -4.05	43.60 1.89 0.00	36.41 1.46 0.00	40.39 1.42 0.00	42.89 1.37 0.00	42.84 1.39 0.00	42.92 1.46 0.00	44.33 1.68 0.00	46.72 1.81 0.00	54.74 2.20 0.00	61.07 2.61 0.00	74.99 2.94 0.00	73.44 2.87 0.00	80.68 3.14 0.00	81.85 3.18 0.00	56.88 2.09 0.00	50.81 1.81 0.00
NARROWS_GT1_1 24228	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
NARROWS_GT1_2 24229	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
NARROWS_GT1_3 24230	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
NARROWS_GT1_4 24231	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04

NARROWS_GT1_5 24232	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
NARROWS_GT1_6 24233	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
NARROWS_GT1_7 24234	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
NARROWS_GT1_8 24235	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
NARROWS_GT2_1 24236	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
NARROWS_GT2_2 24237	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
NARROWS_GT2_3 24238	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
NARROWS_GT2_4 24239	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
NARROWS_GT2_5 24240	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
NARROWS_GT2_6 24241	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
NARROWS_GT2_7 24242	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
NARROWS_GT2_8 24243	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	43.01 2.31 0.00	45.15 2.35 0.00	48.18 2.53 0.00	45.07 2.39 0.00	43.05 2.26 0.00	40.08 2.01 0.00	73.45 3.77 0.00	66.79 3.35 -1.63	43.91 2.20 0.00	36.18 1.23 0.00	40.27 1.30 0.00	42.51 0.99 0.00	42.44 0.99 0.00	42.66 1.19 0.00	44.15 1.49 0.00	46.62 1.71 0.00	54.75 2.21 0.00	61.18 2.72 0.00	75.26 3.21 0.00	73.76 3.18 0.00	80.91 3.38 0.00	81.94 3.27 0.00	57.17 2.37 0.00	51.23 2.22 0.00
NCHELSEA_115KV_TR2 355582	42.56 1.86 0.00	44.57 1.76 0.00	47.62 1.97 0.00	44.47 1.78 0.00	42.47 1.68 0.00	39.62 1.55 0.00	72.76 3.08 0.00	65.05 2.77 -0.47	43.46 1.75 0.00	36.26 1.30 0.00	40.42 1.44 0.00	43.01 1.49 0.00	43.03 1.57 0.00	43.07 1.61 0.00	44.61 1.95 0.00	47.01 2.09 0.00	55.11 2.57 0.00	61.39 2.93 0.00	75.23 3.18 0.00	73.71 3.14 0.00	80.99 3.45 0.00	82.02 3.35 0.00	57.03 2.23 0.00	50.86 1.86 0.00
NEG CAPITAL___MECHNVIL 23645	43.33 2.63 0.00	45.54 2.74 0.00	48.62 2.98 0.00	45.53 2.85 0.00	43.51 2.72 0.00	40.59 2.51 0.00	74.58 4.90 0.00	70.79 4.46 -4.52	44.64 2.93 0.00	37.19 2.24 0.00	41.24 2.26 0.00	43.80 2.28 0.00	43.79 2.34 0.00	43.91 2.45 0.00	45.36 2.70 0.00	47.83 2.92 0.00	56.12 3.58 0.00	62.66 4.20 0.00	76.97 4.91 0.00	75.37 4.80 0.00	82.66 5.12 0.00	83.80 5.13 0.00	58.17 3.38 0.00	51.92 2.92 0.00

NEG CENTRAL_HIGH_ACRES 23767	37.06 -3.17 0.46	38.73 -3.20 0.87	42.04 -3.51 0.10	39.51 -3.17 0.00	37.33 -3.07 0.39	34.56 -2.78 0.73	61.71 -5.00 2.97	56.16 -4.62 1.03	37.79 -2.84 1.08	31.00 -2.27 1.68	36.65 -2.32 0.00	39.13 -2.40 0.00	38.83 -2.63 0.00	38.68 -2.76 0.02	38.71 -3.04 0.91	41.40 -3.21 0.30	47.73 -3.69 1.12	50.41 -3.97 4.08	63.48 -4.55 4.03	63.50 -4.43 2.64	71.68 -5.09 0.77	72.25 -5.35 1.07	51.33 -3.46 0.00	46.03 -2.97 0.00
NEG CENTRAL___DRP 24199	38.63 -1.43 0.64	40.00 -1.49 1.32	43.93 -1.58 0.15	41.27 -1.41 0.00	38.91 -1.29 0.59	35.86 -1.11 1.11	63.34 -1.85 4.49	58.64 -1.61 1.56	39.18 -0.89 1.64	34.20 -0.75 0.00	38.23 -0.75 0.00	40.78 -0.74 0.00	40.56 -0.90 0.00	40.47 -1.04 -0.04	40.20 -1.17 1.29	43.25 -1.21 0.45	49.47 -1.37 1.70	50.87 -1.41 6.19	64.26 -1.69 6.10	64.92 -1.61 4.04	74.42 -1.94 1.18	74.95 -2.10 1.62	53.48 -1.31 0.00	47.82 -1.19 0.00
NEG CENTRAL___INDECK 23768	37.44 -2.32 0.94	37.61 -2.23 2.96	42.86 -2.46 0.33	40.62 -2.06 0.00	37.57 -1.91 1.32	33.93 -1.65 2.49	57.12 -2.48 10.08	56.14 -2.22 3.46	36.89 -1.19 3.63	33.48 -0.96 0.51	38.08 -0.90 0.00	40.68 -0.85 0.00	40.20 -1.26 0.00	40.41 -1.75 -0.70	38.25 -2.25 2.16	41.75 -2.15 1.01	46.36 -2.40 3.78	42.59 -2.14 13.73	56.32 -2.04 13.69	59.58 -1.91 9.09	72.44 -2.46 2.64	72.41 -2.63 3.64	53.37 -1.42 0.00	47.86 -1.15 0.00
NEG CENTRAL___SENECA 23627	37.78 -1.65 1.26	38.58 -1.68 2.54	43.58 -1.79 0.29	41.09 -1.59 0.00	38.20 -1.46 1.13	34.69 -1.24 2.14	58.96 -2.06 8.66	57.00 -1.83 2.98	37.63 -0.96 3.13	34.09 -0.86 0.00	38.16 -0.82 0.00	40.77 -0.76 0.00	40.51 -0.94 0.00	40.39 -1.13 -0.05	38.88 -1.28 2.50	42.70 -1.35 0.87	47.69 -1.60 3.25	45.02 -1.62 11.82	58.43 -1.86 11.76	60.99 -1.73 7.86	73.03 -2.22 2.29	73.17 -2.38 3.12	53.40 -1.40 0.00	47.79 -1.22 0.00
NEG CENTRAL___STATE_STREET 24147	40.27 -0.83 -0.41	42.63 -0.95 -0.77	44.81 -0.93 -0.09	41.86 -0.83 0.00	40.39 -0.74 -0.34	38.03 -0.69 -0.65	71.30 -1.00 -2.62	61.89 -0.79 -0.87	42.12 -0.51 -0.92	34.65 -0.31 0.00	38.69 -0.29 0.00	41.25 -0.28 0.00	41.02 -0.43 0.00	40.88 -0.63 -0.05	42.69 -0.75 -0.77	44.42 -0.75 -0.25	52.88 -0.61 -0.95	61.34 -0.58 -3.46	74.70 -0.94 -3.58	72.17 -0.91 -2.50	77.36 -0.91 -0.73	78.51 -1.11 -0.95	54.12 -0.67 0.00	48.21 -0.79 0.00
NEG MILLWOOD___DRP 24198	42.65 1.96 0.00	44.65 1.85 0.00	47.71 2.06 0.00	44.56 1.88 0.00	42.57 1.78 0.00	39.71 1.64 0.00	72.95 3.26 0.00	65.28 3.00 -0.47	43.59 1.88 0.00	36.34 1.39 0.00	40.56 1.59 0.00	43.15 1.62 0.00	43.11 1.66 0.00	43.18 1.72 0.00	44.72 2.06 0.00	47.14 2.23 0.00	55.27 2.73 0.00	61.56 3.10 0.00	75.49 3.43 0.00	73.93 3.36 0.00	81.22 3.68 0.00	82.24 3.58 0.00	57.18 2.38 0.00	50.99 1.98 0.00
NEG NORTH_FLCN_SEA 23793	41.02 0.33 0.00	43.32 0.52 0.00	46.49 0.84 0.00	43.10 0.42 0.00	41.36 0.57 0.00	38.83 0.76 0.00	72.04 2.35 0.00	63.94 2.13 0.00	43.29 1.58 0.00	36.49 1.54 0.00	40.49 1.51 0.00	43.47 1.94 0.00	43.47 2.02 0.00	43.47 2.00 0.00	44.72 2.05 0.00	47.19 2.28 0.00	54.94 2.40 0.00	60.40 1.94 0.00	74.31 2.25 0.00	72.26 1.69 0.00	80.33 2.79 0.00	81.55 2.88 0.00	56.60 1.81 0.00	51.22 2.21 0.00
NEG NORTH_KES_CHATEGAY 23792	41.03 0.34 0.00	43.27 0.46 0.00	46.21 0.56 0.00	43.06 0.38 0.00	41.28 0.49 0.00	38.82 0.74 0.00	71.50 1.82 0.00	63.37 1.57 0.00	42.80 1.10 0.00	35.98 1.03 0.00	40.06 1.08 0.00	42.93 1.41 0.00	42.99 1.54 0.00	43.06 1.59 0.00	44.06 1.40 0.00	46.36 1.45 0.00	54.06 1.52 0.00	59.93 1.48 0.00	74.10 2.04 0.00	72.24 1.67 0.00	79.61 2.07 0.00	81.03 2.36 0.00	56.34 1.54 0.00	50.55 1.54 0.00
NEG NORTH___ALICE_FALLS 23915	41.27 0.58 0.00	43.56 0.75 0.00	46.67 1.02 0.00	43.33 0.65 0.00	41.59 0.79 0.00	39.09 1.02 0.00	72.46 2.77 0.00	64.27 2.46 0.00	43.49 1.78 0.00	36.64 1.69 0.00	40.64 1.67 0.00	43.61 2.09 0.00	43.62 2.17 0.00	43.65 2.19 0.00	44.85 2.19 0.00	47.33 2.41 0.00	55.15 2.61 0.00	60.86 2.40 0.00	74.96 2.90 0.00	72.95 2.38 0.00	80.82 3.28 0.00	82.04 3.37 0.00	56.95 2.15 0.00	51.36 2.36 0.00
NEG NORTH___LWR_SARANAC 23913	41.27 0.58 0.00	43.56 0.75 0.00	46.67 1.02 0.00	43.33 0.65 0.00	41.59 0.79 0.00	39.09 1.02 0.00	72.46 2.77 0.00	64.27 2.46 0.00	43.49 1.78 0.00	36.64 1.69 0.00	40.64 1.67 0.00	43.61 2.09 0.00	43.62 2.17 0.00	43.65 2.19 0.00	44.85 2.19 0.00	47.33 2.41 0.00	55.15 2.61 0.00	60.86 2.40 0.00	74.96 2.90 0.00	72.95 2.38 0.00	80.82 3.28 0.00	82.04 3.37 0.00	56.95 2.15 0.00	51.36 2.36 0.00
NEG NORTH___PLATTSBURG 23628	41.27 0.58 0.00	43.55 0.75 0.00	46.68 1.03 0.00	43.33 0.65 0.00	41.59 0.79 0.00	39.09 1.02 0.00	72.45 2.77 0.00	64.28 2.47 0.00	43.49 1.78 0.00	36.64 1.69 0.00	40.64 1.67 0.00	43.61 2.09 0.00	43.62 2.17 0.00	43.65 2.19 0.00	44.85 2.19 0.00	47.33 2.42 0.00	55.15 2.61 0.00	60.86 2.40 0.00	74.96 2.91 0.00	72.95 2.38 0.00	80.82 3.28 0.00	82.04 3.37 0.00	56.95 2.15 0.00	51.36 2.36 0.00
NEG WEST_LEA_LOCKPORT 23791	34.56 -5.04 1.09	36.07 -4.96 1.78	39.96 -5.49 0.20	37.76 -4.92 0.00	35.14 -4.87 0.78	32.06 -4.52 1.49	55.45 -8.25 5.98	52.03 -7.73 2.05	34.76 -4.80 2.15	31.18 -3.77 0.00	35.35 -3.62 0.00	37.97 -3.55 0.00	37.29 -4.17 0.00	36.78 -4.47 0.22	35.76 -4.88 2.03	38.83 -5.47 0.61	44.04 -6.23 2.28	43.45 -6.77 8.25	56.25 -7.57 8.24	57.74 -7.41 5.42	67.51 -8.45 1.58	67.85 -8.62 2.19	49.64 -5.16 0.00	44.84 -4.16 0.00
NEG WEST___LANCASTER 23811	36.22 -3.13 1.34	37.57 -3.01 2.23	42.07 -3.33 0.25	39.69 -2.99 0.00	36.85 -2.95 0.99	33.42 -2.78 1.87	56.99 -5.15 7.55	54.37 -4.85 2.59	36.10 -2.87 2.74	32.72 -2.23 0.00	36.98 -1.99 0.00	39.67 -1.85 0.00	39.14 -2.32 0.00	38.71 -2.52 0.23	37.31 -2.82 2.53	41.02 -3.12 0.77	46.09 -3.58 2.88	43.94 -4.08 10.44	57.11 -4.54 10.40	59.34 -4.40 6.84	70.49 -5.06 1.99	70.91 -4.99 2.77	52.01 -2.79 0.00	46.85 -2.15 0.00
NEG_PENN_ALLEGHNY 23528	39.18 -0.99 0.52	40.80 -1.02 0.98	44.48 -1.06 0.11	41.70 -0.98 0.00	39.43 -0.92 0.44	36.43 -0.82 0.83	64.92 -1.41 3.36	59.72 -1.14 0.94	39.81 -0.69 1.21	35.92 -0.61 -1.59	38.44 -0.54 0.00	41.04 -0.49 0.00	40.80 -0.65 0.00	40.73 -0.72 0.02	40.91 -0.74 1.01	43.80 -0.78 0.33	50.38 -0.91 1.25	52.93 -1.00 4.54	66.44 -1.35 4.26	67.41 -1.22 1.94	75.53 -1.45 0.56	75.89 -1.57 1.20	53.78 -1.01 0.00	48.06 -0.94 0.00
NEG___GEN_MONROE 24207	37.05 -2.96 0.68	38.62 -2.95 1.24	42.21 -3.30 0.14	39.75 -2.93 0.00	37.38 -2.87 0.55	34.43 -2.60 1.04	60.81 -4.68 4.19	56.08 -4.29 1.44	37.60 -2.60 1.51	32.93 -2.02 0.00	36.99 -1.99 0.00	39.57 -1.95 0.00	39.14 -2.32 0.00	38.91 -2.52 0.03	38.51 -2.88 1.28	41.32 -3.17 0.42	47.40 -3.56 1.58	49.04 -3.67 5.75	62.35 -4.00 5.71	62.90 -3.91 3.76	71.94 -4.50 1.10	72.39 -4.77 1.52	51.85 -2.94 0.00	46.58 -2.43 0.00

NEPA__ENERGY 23901	35.53 -3.80 1.36	36.76 -3.80 2.24	41.38 -4.01 0.25	38.98 -3.70 0.00	36.26 -3.53 1.00	32.95 -3.24 1.89	56.19 -5.87 7.63	53.95 -5.25 2.62	35.65 -3.32 2.75	32.21 -2.74 0.00	36.28 -2.70 0.00	39.08 -2.44 0.00	38.38 -3.07 0.00	37.79 -3.42 0.25	36.46 -3.64 2.56	40.34 -3.80 0.77	45.28 -4.39 2.88	43.04 -4.98 10.44	55.62 -6.04 10.39	58.21 -5.53 6.83	69.56 -5.99 1.99	69.77 -6.13 2.77	51.13 -3.67 0.00	45.94 -3.06 0.00
NEVERSink__HYD 23608	41.93 1.23 0.00	43.92 1.12 0.00	46.93 1.28 0.00	43.82 1.14 0.00	41.88 1.09 0.00	39.11 1.04 0.00	71.83 2.14 0.00	64.21 1.92 -0.48	42.89 1.18 0.00	35.82 0.86 0.00	39.73 0.76 0.00	42.19 0.67 0.00	42.29 0.84 0.00	42.36 0.90 0.00	43.91 1.25 0.00	46.24 1.33 0.00	54.32 1.77 0.00	60.51 2.05 0.00	74.27 2.22 0.00	72.80 2.23 0.00	79.96 2.42 0.00	80.99 2.32 0.00	56.32 1.52 0.00	50.19 1.18 0.00
NEWKRMKL_115KV_TB1 55635	42.02 1.33 0.00	44.12 1.32 0.00	47.09 1.44 0.00	44.04 1.36 0.00	42.06 1.26 0.00	39.14 1.07 0.00	71.63 1.95 0.00	66.44 1.74 -2.89	42.84 1.13 0.00	35.74 0.79 0.00	39.66 0.68 0.00	42.13 0.61 0.00	42.10 0.65 0.00	42.16 0.70 0.00	43.47 0.81 0.00	45.59 0.68 0.00	53.48 0.94 0.00	59.58 1.12 0.00	73.14 1.08 0.00	71.66 1.09 0.00	78.72 1.18 0.00	79.79 1.12 0.00	55.62 0.82 0.00	49.94 0.93 0.00
NEWTON__FALLS_HYD 23847	41.48 0.79 0.00	43.89 1.09 0.00	46.70 1.05 0.00	43.48 0.80 0.00	41.48 0.69 0.00	39.30 1.23 0.00	73.23 3.55 0.00	65.35 3.54 0.00	43.95 2.24 0.00	36.46 1.51 0.00	40.64 1.67 0.00	43.91 2.39 0.00	45.04 3.59 0.00	45.51 4.04 0.00	45.92 3.26 0.00	47.20 2.29 0.00	55.20 2.65 0.00	60.81 2.35 0.00	75.08 3.02 0.00	73.22 2.65 0.00	80.67 3.14 0.00	81.96 3.29 0.00	56.86 2.07 0.00	50.56 1.56 0.00
NGRID_A1_DSASP 323792	33.97 -5.61 1.11	35.45 -5.54 1.81	39.33 -6.12 0.20	37.14 -5.54 0.00	34.51 -5.47 0.81	31.42 -5.13 1.52	54.24 -9.27 6.17	50.90 -8.79 2.12	33.98 -5.51 2.22	26.01 -4.36 4.58	34.60 -4.37 0.00	37.15 -4.38 0.00	36.48 -4.97 0.00	36.11 -5.13 0.22	35.00 -5.58 2.09	38.11 -6.18 0.62	43.03 -7.19 2.32	42.07 -7.96 8.44	54.59 -9.08 8.39	56.27 -8.78 5.52	66.09 -9.84 1.61	66.38 -10.06 2.23	48.66 -6.14 0.00	44.04 -4.96 0.00
NGRID_A2_DSASP 323793	33.97 -5.61 1.11	35.45 -5.54 1.81	39.33 -6.12 0.20	37.14 -5.54 0.00	34.51 -5.47 0.81	31.42 -5.13 1.52	54.24 -9.27 6.17	50.90 -8.79 2.12	33.98 -5.51 2.22	26.01 -4.36 4.58	34.60 -4.37 0.00	37.15 -4.38 0.00	36.48 -4.97 0.00	36.11 -5.13 0.22	35.00 -5.58 2.09	38.11 -6.18 0.62	43.03 -7.19 2.32	42.07 -7.96 8.44	54.59 -9.08 8.39	56.27 -8.78 5.52	66.09 -9.84 1.61	66.38 -10.06 2.23	48.66 -6.14 0.00	44.04 -4.96 0.00
NGRID_A4_DSASP 323807	33.97 -5.61 1.11	35.45 -5.54 1.81	39.33 -6.12 0.20	37.14 -5.54 0.00	34.51 -5.47 0.81	31.42 -5.13 1.52	54.24 -9.27 6.17	50.90 -8.79 2.12	33.98 -5.51 2.22	26.01 -4.36 4.58	34.60 -4.37 0.00	37.15 -4.38 0.00	36.48 -4.97 0.00	36.11 -5.13 0.22	35.00 -5.58 2.09	38.11 -6.18 0.62	43.03 -7.19 2.32	42.07 -7.96 8.44	54.59 -9.08 8.39	56.27 -8.78 5.52	66.09 -9.84 1.61	66.38 -10.06 2.23	48.66 -6.14 0.00	44.04 -4.96 0.00
NIAGARA_115E_LBMP 323715	34.12 -5.46 1.11	35.61 -5.37 1.82	39.51 -5.94 0.20	37.31 -5.37 0.00	34.72 -5.28 0.79	31.60 -4.94 1.53	54.63 -9.02 6.03	51.21 -8.53 2.07	34.22 -5.31 2.17	26.28 -4.19 4.47	34.81 -4.17 0.00	37.39 -4.14 0.00	36.66 -4.79 0.00	36.17 -5.08 0.21	35.21 -5.42 2.04	38.10 -6.19 0.62	43.17 -7.04 2.33	42.35 -7.69 8.42	54.81 -8.80 8.44	56.43 -8.58 5.56	66.09 -9.83 1.62	66.46 -9.97 2.25	48.79 -6.01 0.00	44.10 -4.91 0.00
NIAGARA_115W_LBMP 323714	33.92 -5.67 1.11	35.39 -5.61 1.81	39.26 -6.19 0.20	37.08 -5.60 0.00	34.45 -5.54 0.80	31.37 -5.19 1.52	54.16 -9.37 6.15	50.81 -8.89 2.11	33.91 -5.58 2.22	25.95 -4.42 4.57	34.53 -4.44 0.00	37.08 -4.44 0.00	36.41 -5.04 0.00	36.06 -5.19 0.22	34.94 -5.64 2.08	38.03 -6.26 0.62	42.94 -7.29 2.32	41.98 -8.06 8.41	54.47 -9.22 8.36	56.17 -8.90 5.50	65.96 -9.98 1.60	66.26 -10.18 2.23	48.58 -6.22 0.00	43.97 -5.04 0.00
NIAGARA_230_LBMP 323716	34.35 -5.26 1.08	35.83 -5.22 1.76	39.71 -5.74 0.20	37.51 -5.17 0.00	34.89 -5.12 0.79	31.81 -4.79 1.48	54.84 -8.82 6.02	51.45 -8.29 2.07	34.37 -5.18 2.17	26.30 -4.09 4.56	34.90 -4.08 0.00	37.46 -4.06 0.00	36.84 -4.61 0.00	36.45 -4.81 0.21	35.38 -5.25 2.03	38.54 -5.77 0.60	43.58 -6.71 2.25	42.88 -7.39 8.19	55.50 -8.42 8.13	57.09 -8.14 5.35	66.83 -9.15 1.56	67.18 -9.33 2.16	49.12 -5.68 0.00	44.42 -4.59 0.00
NIAGARA__115KV_198_GIBSON 55903	33.91 -5.67 1.11	35.38 -5.62 1.81	39.24 -6.21 0.20	37.08 -5.60 0.00	34.43 -5.55 0.80	31.37 -5.18 1.52	54.11 -9.41 6.15	50.82 -8.87 2.11	33.90 -5.59 2.22	30.55 -4.40 0.00	34.53 -4.44 0.00	37.07 -4.45 0.00	36.41 -5.04 0.00	36.05 -5.19 0.22	34.93 -5.65 2.08	38.03 -6.26 0.62	42.92 -7.31 2.32	42.03 -8.02 8.41	54.48 -9.21 8.36	56.16 -8.90 5.50	65.95 -9.99 1.60	66.24 -10.20 2.23	48.56 -6.24 0.00	43.96 -5.04 0.00
NIAGARA____ 23760	34.35 -5.26 1.09	35.81 -5.22 1.77	39.71 -5.74 0.20	37.51 -5.17 0.00	34.89 -5.12 0.79	31.80 -4.79 1.49	54.82 -8.82 6.04	51.45 -8.29 2.07	34.36 -5.18 2.18	26.32 -4.09 4.54	34.90 -4.08 0.00	37.46 -4.06 0.00	36.84 -4.61 0.00	36.45 -4.81 0.21	35.38 -5.25 2.04	38.54 -5.77 0.61	43.56 -6.71 2.27	42.82 -7.39 8.25	55.41 -8.42 8.22	57.03 -8.14 5.40	66.81 -9.15 1.58	67.15 -9.33 2.19	49.12 -5.68 0.00	44.42 -4.59 0.00
NINE_MILE_1 23575	38.87 -1.83 0.00	40.87 -1.93 0.00	43.55 -2.10 0.00	40.74 -1.95 0.00	38.99 -1.80 0.00	36.47 -1.61 0.00	66.61 -3.08 0.00	59.07 -2.74 0.00	39.96 -1.75 0.00	33.59 -1.36 0.00	37.45 -1.52 0.00	39.84 -1.68 0.00	39.71 -1.74 0.00	39.70 -1.76 0.00	40.81 -1.84 0.00	42.96 -1.96 0.00	50.27 -2.27 0.00	56.01 -2.45 0.00	69.02 -3.04 0.00	67.61 -2.96 0.00	74.23 -3.31 0.00	75.26 -3.41 0.00	52.45 -2.35 0.00	46.90 -2.11 0.00
NINE_MILE_2 23744	38.87 -1.82 0.00	40.87 -1.93 0.00	43.55 -2.10 0.00	40.74 -1.94 0.00	38.99 -1.80 0.00	36.47 -1.61 0.00	66.61 -3.07 0.00	59.07 -2.74 0.00	39.96 -1.74 0.00	33.59 -1.36 0.00	37.45 -1.52 0.00	39.84 -1.68 0.00	39.71 -1.74 0.00	39.70 -1.76 0.00	40.81 -1.84 0.00	42.96 -1.95 0.00	50.28 -2.27 0.00	56.01 -2.45 0.00	69.02 -3.04 0.00	67.61 -2.96 0.00	74.23 -3.31 0.00	75.26 -3.41 0.00	52.45 -2.35 0.00	46.90 -2.11 0.00
NM_CAPITAL__DRP 24208	42.13 1.43 0.00	44.21 1.41 0.00	47.20 1.55 0.00	44.15 1.47 0.00	42.17 1.38 0.00	39.23 1.15 0.00	71.73 2.05 0.00	66.61 1.83 -2.97	42.92 1.21 0.00	35.83 0.88 0.00	39.76 0.79 0.00	42.22 0.69 0.00	42.18 0.73 0.00	42.25 0.79 0.00	43.59 0.93 0.00	45.78 0.87 0.00	53.66 1.12 0.00	59.78 1.32 0.00	73.38 1.33 0.00	71.88 1.31 0.00	78.88 1.34 0.00	80.01 1.34 0.00	55.75 0.96 0.00	50.00 0.99 0.00

NM_CENTRAL___DRP 24181	39.46 -1.23 0.00	41.50 -1.31 0.00	44.21 -1.44 0.00	41.38 -1.31 0.00	39.57 -1.21 0.00	37.04 -1.03 0.00	67.74 -1.94 0.00	60.12 -1.69 0.00	40.71 -1.00 0.00	34.17 -0.78 0.00	38.12 -0.86 0.00	40.59 -0.93 0.00	40.46 -1.00 0.00	40.45 -1.02 0.00	41.57 -1.09 0.00	43.75 -1.16 0.00	51.24 -1.30 0.00	57.08 -1.38 0.00	70.36 -1.69 0.00	68.94 -1.63 0.00	75.66 -1.88 0.00	76.74 -1.93 0.00	53.43 -1.37 0.00	47.75 -1.25 0.00
NM_FRONTIER___DRP 24179	33.91 -5.67 1.11	35.38 -5.62 1.81	39.24 -6.21 0.20	37.08 -5.60 0.00	34.43 -5.55 0.80	31.37 -5.18 1.52	54.11 -9.41 6.15	50.82 -8.87 2.11	33.90 -5.59 2.22	30.55 -4.40 0.00	34.53 -4.44 0.00	37.07 -4.45 0.00	36.41 -5.04 0.00	36.05 -5.19 0.22	34.93 -5.65 2.08	38.03 -6.26 0.62	42.92 -7.31 2.32	42.03 -8.02 8.41	54.48 -9.21 8.36	56.16 -8.90 5.50	65.95 -9.99 1.60	66.24 -10.20 2.23	48.56 -6.24 0.00	43.96 -5.04 0.00
NM_ST_REGIS___HYD 24053	41.97 1.28 0.00	44.30 1.50 0.00	47.22 1.57 0.00	44.04 1.36 0.00	42.01 1.22 0.00	39.85 1.77 0.00	74.15 4.47 0.00	65.63 3.82 0.00	44.11 2.40 0.00	36.76 1.81 0.00	41.16 2.19 0.00	44.50 2.97 0.00	45.45 4.00 0.00	45.86 4.40 0.00	45.97 3.31 0.00	46.97 2.06 0.00	54.70 2.16 0.00	60.49 2.03 0.00	74.83 2.78 0.00	73.10 2.53 0.00	80.62 3.08 0.00	82.25 3.59 0.00	57.34 2.55 0.00	51.31 2.30 0.00
NORTHPORT___1 23551	42.68 1.99 0.00	44.72 1.92 0.00	47.80 2.15 0.00	44.61 1.93 0.00	42.74 1.95 0.00	39.69 1.61 0.00	72.66 2.98 0.00	65.10 2.83 -0.46	43.22 1.51 0.00	35.90 0.95 0.00	40.46 1.49 0.00	42.95 1.42 0.00	42.95 1.50 0.00	43.13 1.66 0.00	44.80 2.14 0.00	47.62 2.71 0.00	55.78 3.24 0.00	61.71 3.25 0.00	75.55 3.50 0.00	74.29 3.72 0.00	81.76 4.22 0.00	82.97 4.31 0.00	57.77 2.98 0.00	51.59 2.58 0.00
NORTHPORT___2 23552	42.68 1.99 0.00	44.72 1.92 0.00	47.80 2.15 0.00	44.61 1.93 0.00	42.74 1.95 0.00	39.69 1.61 0.00	72.66 2.98 0.00	65.10 2.83 -0.46	43.22 1.51 0.00	35.90 0.95 0.00	40.46 1.49 0.00	42.95 1.42 0.00	42.95 1.50 0.00	43.13 1.66 0.00	44.80 2.14 0.00	47.62 2.71 0.00	55.78 3.24 0.00	61.71 3.25 0.00	75.55 3.50 0.00	74.29 3.72 0.00	81.76 4.22 0.00	82.97 4.31 0.00	57.77 2.98 0.00	51.59 2.58 0.00
NORTHPORT___3 23553	42.40 1.71 0.00	44.40 1.60 0.00	47.44 1.79 0.00	44.28 1.60 0.00	42.40 1.61 0.00	39.45 1.38 0.00	72.28 2.60 0.00	64.74 2.47 -0.46	43.00 1.29 0.00	35.69 0.74 0.00	40.16 1.18 0.00	42.65 1.13 0.00	42.65 1.19 0.00	42.83 1.36 0.00	44.52 1.86 0.00	47.27 2.36 0.00	55.47 2.92 0.00	61.49 3.02 0.00	75.24 3.19 0.00	73.87 3.30 0.00	81.25 3.71 0.00	82.35 3.68 0.00	57.34 2.54 0.00	51.16 2.15 0.00
NORTHPORT___4 23650	42.40 1.71 0.00	44.40 1.60 0.00	47.44 1.79 0.00	44.28 1.60 0.00	42.40 1.61 0.00	39.45 1.38 0.00	72.28 2.60 0.00	64.74 2.47 -0.46	43.00 1.29 0.00	35.69 0.74 0.00	40.16 1.18 0.00	42.65 1.13 0.00	42.65 1.19 0.00	42.83 1.36 0.00	44.52 1.86 0.00	47.27 2.36 0.00	55.47 2.92 0.00	61.49 3.02 0.00	75.24 3.19 0.00	73.87 3.30 0.00	81.25 3.71 0.00	82.35 3.68 0.00	57.34 2.54 0.00	51.16 2.15 0.00
NORTHPORT___IC 23718	42.68 1.99 0.00	44.72 1.92 0.00	47.80 2.15 0.00	44.61 1.93 0.00	42.74 1.95 0.00	39.69 1.61 0.00	72.67 2.99 0.00	65.10 2.83 -0.46	43.23 1.52 0.00	35.90 0.95 0.00	40.46 1.48 0.00	42.95 1.43 0.00	42.93 1.48 0.00	43.11 1.65 0.00	44.81 2.15 0.00	47.62 2.71 0.00	55.78 3.24 0.00	61.72 3.25 0.00	75.55 3.50 0.00	74.29 3.72 0.00	81.77 4.24 0.00	82.98 4.31 0.00	57.78 2.98 0.00	51.59 2.59 0.00
NORTH___COUNTRY_ESR 323785	40.97 0.27 0.00	43.20 0.40 0.00	46.11 0.46 0.00	42.96 0.28 0.00	41.17 0.38 0.00	38.71 0.63 0.00	71.29 1.61 0.00	63.19 1.38 0.00	42.67 0.96 0.00	35.88 0.93 0.00	39.98 1.01 0.00	42.82 1.30 0.00	42.88 1.44 0.00	42.92 1.45 0.00	43.91 1.25 0.00	46.17 1.25 0.00	53.81 1.27 0.00	59.71 1.25 0.00	73.84 1.79 0.00	72.00 1.43 0.00	79.32 1.79 0.00	80.70 2.03 0.00	56.16 1.37 0.00	50.38 1.38 0.00
NPX_GEN_1385_PROXY 323591	42.98 2.28 0.00	45.28 2.48 0.00	48.48 2.83 0.00	45.27 2.59 0.00	43.63 2.84 0.00	40.11 2.03 0.00	73.20 3.52 0.00	65.75 3.48 -0.46	59.17 1.86 -15.60	94.38 1.23 -58.19	68.10 1.82 -27.30	43.26 1.74 0.00	43.05 1.60 0.00	43.29 1.83 0.00	44.59 1.93 0.00	47.66 2.75 0.00	55.78 3.24 0.00	61.72 3.26 0.00	75.80 3.75 0.00	74.69 4.12 0.00	81.88 4.34 0.00	83.65 4.98 0.00	58.20 3.41 0.00	52.22 3.21 0.00
NPX_GEN_CSC 323557	42.77 2.07 0.00	44.76 1.96 0.00	47.83 2.18 0.00	44.69 2.01 0.00	42.83 2.04 0.00	39.90 1.83 0.00	73.08 3.40 0.00	65.34 3.07 -0.46	43.36 1.65 0.00	35.84 0.89 0.00	40.35 1.37 0.00	42.79 1.27 0.00	42.87 1.42 0.00	43.05 1.59 0.00	44.87 2.21 0.00	47.74 2.83 0.00	56.11 3.57 0.00	62.29 3.83 0.00	76.37 4.32 0.00	74.98 4.40 0.00	82.48 4.94 0.00	83.53 4.86 0.00	58.11 3.32 0.00	51.75 2.75 0.00
NSINS_S___GLNS_FALLS 23858	44.31 3.61 0.00	46.70 3.90 0.00	49.92 4.27 0.00	46.83 4.14 0.00	44.82 4.03 0.00	41.81 3.74 0.00	77.15 7.47 0.00	73.22 6.76 -4.65	46.23 4.52 0.00	38.45 3.50 0.00	42.52 3.55 0.00	45.09 3.57 0.00	45.19 3.74 0.00	45.30 3.83 0.00	46.75 4.09 0.00	49.41 4.50 0.00	57.97 5.42 0.00	64.85 6.39 0.00	79.71 7.66 0.00	77.91 7.34 0.00	85.33 7.79 0.00	86.53 7.86 0.00	59.95 5.16 0.00	53.50 4.50 0.00
NUCOR_STEEL___DRP 24197	40.33 -0.83 -0.47	42.71 -0.97 -0.88	44.81 -0.94 -0.10	41.84 -0.84 0.00	40.44 -0.74 -0.39	38.10 -0.71 -0.74	71.63 -1.05 -3.00	61.98 -0.83 -1.00	42.20 -0.56 -1.05	34.62 -0.34 0.00	38.64 -0.34 0.00	41.18 -0.35 0.00	40.98 -0.47 0.00	40.80 -0.68 -0.02	42.76 -0.79 -0.89	44.41 -0.79 -0.29	53.00 -0.63 -1.09	61.82 -0.61 -3.97	75.14 -1.01 -4.10	72.44 -0.98 -2.85	77.45 -0.92 -0.83	78.57 -1.18 -1.08	54.08 -0.72 0.00	48.16 -0.84 0.00
NUMBER_THREE_WT_PWR 323818	41.06 0.36 0.00	43.59 0.79 0.00	46.33 0.68 0.00	43.02 0.34 0.00	41.07 0.28 0.00	38.73 0.66 0.00	72.05 2.37 0.00	64.78 2.97 0.00	43.64 1.93 0.00	36.17 1.22 0.00	40.01 1.04 0.00	43.15 1.63 0.00	44.16 2.71 0.00	44.49 3.03 0.00	45.50 2.84 0.00	47.42 2.51 0.00	55.67 3.12 0.00	61.41 2.95 0.00	75.67 3.62 0.00	73.69 3.12 0.00	81.05 3.51 0.00	81.96 3.29 0.00	56.55 1.75 0.00	49.98 0.98 0.00
NYISO_LBMP_REFERENCE 24008	40.69 0.00 0.00	42.80 0.00 0.00	45.65 0.00 0.00	42.68 0.00 0.00	40.79 0.00 0.00	38.07 0.00 0.00	69.68 0.00 0.00	61.81 0.00 0.00	41.71 0.00 0.00	34.95 0.00 0.00	38.97 0.00 0.00	41.52 0.00 0.00	41.45 0.00 0.00	41.46 0.00 0.00	42.66 0.00 0.00	44.91 0.00 0.00	52.54 0.00 0.00	58.46 0.00 0.00	72.05 0.00 0.00	70.57 0.00 0.00	77.54 0.00 0.00	78.67 0.00 0.00	54.80 0.00 0.00	49.00 0.00 0.00

NYPA_BRENTWD____GT 24164	43.00 2.31 0.00	45.03 2.22 0.00	48.12 2.47 0.00	44.92 2.24 0.00	43.02 2.23 0.00	40.05 1.97 0.00	73.40 3.72 0.00	65.76 3.48 -0.46	43.67 1.96 0.00	36.17 1.22 0.00	40.72 1.74 0.00	43.18 1.66 0.00	43.21 1.76 0.00	43.39 1.93 0.00	45.18 2.52 0.00	48.07 3.16 0.00	56.45 3.91 0.00	62.41 3.95 0.00	76.45 4.39 0.00	75.03 4.46 0.00	82.69 5.15 0.00	83.86 5.19 0.00	58.36 3.56 0.00	52.02 3.02 0.00
NYPA_GOWANUS____GT5 24156	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
NYPA_GOWANUS____GT6 24157	65.28 1.94 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.74 1.73 -22.22	64.92 1.63 -25.22	75.30 3.12 -2.49	66.37 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.92 -16.47	84.02 1.97 -40.59	59.89 2.00 -16.43	67.08 2.34 -22.07	60.22 2.51 -12.79	59.52 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.33 3.50 -1.30	122.22 3.49 -40.06	121.12 2.50 -63.83	98.24 2.20 -47.04
NYPA_HARLEM__RVR__GT1 24160	42.37 1.67 0.00	44.32 1.52 0.00	47.45 1.80 0.00	44.29 1.61 0.00	42.26 1.47 0.00	39.43 1.36 0.00	72.36 2.67 0.00	64.78 2.51 -0.46	43.32 1.61 0.00	36.15 1.20 0.00	40.33 1.35 -0.01	42.92 1.39 -0.01	43.01 1.55 0.00	43.08 1.61 0.00	44.61 1.95 0.00	47.00 2.08 0.00	55.00 2.46 0.00	61.02 2.56 0.00	74.53 2.48 0.00	72.98 2.41 0.00	80.42 2.88 0.00	81.43 2.77 0.00	56.75 1.95 0.00	50.74 1.73 0.00
NYPA_HARLEM__RVR__GT2 24161	42.37 1.67 0.00	44.32 1.52 0.00	47.45 1.80 0.00	44.29 1.61 0.00	42.26 1.47 0.00	39.43 1.36 0.00	72.36 2.67 0.00	64.78 2.51 -0.46	43.32 1.61 0.00	36.15 1.20 0.00	40.33 1.35 -0.01	42.92 1.39 -0.01	43.01 1.55 0.00	43.08 1.61 0.00	44.61 1.95 0.00	47.00 2.08 0.00	55.00 2.46 0.00	61.02 2.56 0.00	74.53 2.48 0.00	72.98 2.41 0.00	80.42 2.88 0.00	81.43 2.77 0.00	56.75 1.95 0.00	50.74 1.73 0.00
NYPA_KENT____GT 24152	56.14 1.82 -13.62	56.89 1.67 -12.42	58.06 1.92 -10.49	56.58 1.75 -12.15	55.78 1.61 -13.37	54.76 1.51 -15.18	74.08 2.90 -1.50	65.69 2.68 -1.20	56.99 1.79 -13.49	66.29 1.37 -29.96	55.30 1.73 -14.60	53.50 1.79 -10.19	67.72 1.84 -24.43	53.22 1.87 -9.89	58.15 2.21 -13.28	54.98 2.37 -7.70	57.74 2.82 -2.38	61.87 3.01 -0.41	75.11 3.06 0.00	73.52 2.95 0.00	81.59 3.27 -0.78	106.03 3.25 -24.11	95.52 2.31 -38.41	79.33 2.02 -28.31
NYPA_POUCH1____GT 24155	65.13 1.80 -22.64	65.09 1.65 -20.64	64.99 1.91 -17.43	64.59 1.71 -20.19	64.60 1.59 -22.22	64.79 1.50 -25.22	75.00 2.83 -2.49	66.07 2.57 -1.68	65.87 1.75 -22.41	86.09 1.35 -49.79	64.56 1.68 -23.91	59.70 1.71 -16.47	83.84 1.79 -40.59	59.72 1.83 -16.43	66.90 2.16 -22.07	60.02 2.32 -12.79	59.28 2.76 -3.98	62.17 2.96 -0.75	75.05 2.99 -0.01	73.47 2.90 -0.01	82.02 3.19 -1.30	121.94 3.21 -40.06	121.01 2.38 -63.83	98.15 2.11 -47.04
NYPA_VERNON____GT2 24162	47.01 1.71 -4.61	48.54 1.54 -4.20	50.99 1.80 -3.55	48.42 1.63 -4.11	46.82 1.50 -4.52	44.61 1.40 -5.14	72.95 2.76 -0.51	65.09 2.57 -0.71	47.97 1.69 -4.56	46.36 1.27 -10.14	45.87 1.60 -5.29	47.09 1.66 -3.91	51.41 1.69 -8.27	46.54 1.73 -3.35	49.23 2.08 -4.49	49.74 2.23 -2.61	56.00 2.65 -0.80	61.43 2.83 -0.14	74.91 2.86 0.00	73.33 2.76 0.00	80.91 3.10 -0.26	89.85 3.03 -8.15	69.92 2.14 -12.99	60.45 1.86 -9.58
NYPA_VERNON____GT3 24163	47.01 1.71 -4.61	48.54 1.54 -4.20	50.99 1.80 -3.55	48.42 1.63 -4.11	46.82 1.50 -4.52	44.61 1.40 -5.14	72.95 2.76 -0.51	65.09 2.57 -0.71	47.97 1.69 -4.56	46.36 1.27 -10.14	45.87 1.60 -5.29	47.09 1.66 -3.91	51.41 1.69 -8.27	46.54 1.73 -3.35	49.23 2.08 -4.49	49.74 2.23 -2.61	56.00 2.65 -0.80	61.43 2.83 -0.14	74.91 2.86 0.00	73.33 2.76 0.00	80.91 3.10 -0.26	89.85 3.03 -8.15	69.92 2.14 -12.99	60.45 1.86 -9.58
NYPA__ASTORIA_CC1 323568	42.35 1.65 0.00	44.28 1.48 0.00	47.39 1.74 0.00	44.26 1.58 0.00	42.24 1.45 0.00	39.42 1.34 0.00	72.36 2.68 0.00	64.77 2.50 -0.46	43.34 1.63 0.00	36.18 1.23 0.00	40.95 1.55 -0.43	43.68 1.60 -0.57	43.08 1.62 0.00	43.13 1.66 0.00	44.65 1.99 0.00	47.06 2.14 0.00	55.11 2.57 0.00	61.21 2.76 0.00	74.80 2.74 0.00	73.23 2.66 0.00	80.49 2.95 0.00	81.57 2.90 0.00	56.83 2.04 0.00	50.80 1.79 0.00
NYPA__ASTORIA_CC2 323569	42.35 1.65 0.00	44.28 1.48 0.00	47.39 1.74 0.00	44.26 1.58 0.00	42.24 1.45 0.00	39.42 1.34 0.00	72.36 2.68 0.00	64.77 2.50 -0.46	43.34 1.63 0.00	36.18 1.23 0.00	40.95 1.55 -0.43	43.68 1.60 -0.57	43.08 1.62 0.00	43.13 1.66 0.00	44.65 1.99 0.00	47.06 2.14 0.00	55.11 2.57 0.00	61.21 2.76 0.00	74.80 2.74 0.00	73.23 2.66 0.00	80.49 2.95 0.00	81.57 2.90 0.00	56.83 2.04 0.00	50.80 1.79 0.00
NYPA__HOLTSVILL 23794	42.71 2.01 0.00	44.69 1.89 0.00	47.76 2.11 0.00	44.57 1.89 0.00	42.70 1.91 0.00	39.76 1.68 0.00	72.78 3.10 0.00	65.20 2.93 -0.46	43.30 1.59 0.00	35.85 0.90 0.00	40.36 1.38 0.00	42.80 1.28 0.00	42.90 1.45 0.00	43.09 1.63 0.00	44.87 2.21 0.00	47.73 2.82 0.00	56.07 3.52 0.00	62.18 3.72 0.00	76.22 4.16 0.00	74.81 4.24 0.00	82.29 4.75 0.00	83.37 4.70 0.00	58.02 3.22 0.00	51.69 2.68 0.00
NYPA____HELLGATE_GT1 24158	42.37 1.67 0.00	44.32 1.52 0.00	47.45 1.80 0.00	44.29 1.61 0.00	42.26 1.47 0.00	39.43 1.36 0.00	72.36 2.67 0.00	64.78 2.51 -0.46	43.32 1.61 0.00	36.15 1.20 0.00	40.33 1.35 -0.01	42.92 1.39 -0.01	43.01 1.55 0.00	43.08 1.61 0.00	44.61 1.95 0.00	47.00 2.08 0.00	55.00 2.46 0.00	61.03 2.57 0.00	74.53 2.48 0.00	72.98 2.41 0.00	80.42 2.88 0.00	81.43 2.77 0.00	56.75 1.95 0.00	50.74 1.73 0.00
NYPA____HELLGATE_GT2 24159	42.37 1.67 0.00	44.32 1.52 0.00	47.45 1.80 0.00	44.29 1.61 0.00	42.26 1.47 0.00	39.43 1.36 0.00	72.36 2.67 0.00	64.78 2.51 -0.46	43.32 1.61 0.00	36.15 1.20 0.00	40.33 1.35 -0.01	42.92 1.39 -0.01	43.01 1.55 0.00	43.08 1.61 0.00	44.61 1.95 0.00	47.00 2.08 0.00	55.00 2.46 0.00	61.03 2.57 0.00	74.53 2.48 0.00	72.98 2.41 0.00	80.42 2.88 0.00	81.43 2.77 0.00	56.75 1.95 0.00	50.74 1.73 0.00
NYS_BARGE__HYD 23848	34.67 -4.95 1.07	36.20 -4.85 1.75	40.08 -5.37 0.20	37.85 -4.84 0.00	35.24 -4.78 0.77	32.16 -4.44 1.47	55.76 -8.05 5.87	52.18 -7.61 2.02	34.91 -4.69 2.11	27.13 -3.69 4.12	35.41 -3.57 0.00	38.03 -3.49 0.00	37.31 -4.14 0.00	36.82 -4.44 0.20	35.87 -4.81 1.98	38.85 -5.46 0.60	44.13 -6.17 2.24	43.65 -6.70 8.12	56.39 -7.55 8.11	57.91 -7.32 5.34	67.56 -8.43 1.55	67.92 -8.59 2.16	49.67 -5.13 0.00	44.87 -4.14 0.00

OAK ORCHARD___HYD 24046	36.99 -3.06 0.64	38.53 -3.07 1.21	42.12 -3.39 0.14	39.63 -3.05 0.00	37.29 -2.97 0.54	34.34 -2.72 1.02	60.63 -4.94 4.12	55.86 -4.54 1.42	37.45 -2.78 1.49	30.45 -2.17 2.34	36.84 -2.14 0.00	39.37 -2.15 0.00	38.98 -2.48 0.00	38.81 -2.63 0.03	38.48 -2.93 1.26	41.30 -3.20 0.41	47.35 -3.64 1.55	48.94 -3.88 5.64	62.10 -4.36 5.60	62.64 -4.24 3.69	71.62 -4.84 1.08	72.10 -5.08 1.49	51.61 -3.18 0.00	46.35 -2.66 0.00
OAKDALE___35_KV_LOAD 356122	38.97 -1.05 0.67	40.47 -1.08 1.25	44.40 -1.11 0.14	41.64 -1.04 0.00	39.27 -0.96 0.56	36.15 -0.88 1.05	63.85 -1.57 4.26	59.25 -1.31 1.25	39.37 -0.81 1.54	34.26 -0.69 0.00	38.35 -0.63 0.00	40.94 -0.58 0.00	40.70 -0.75 0.00	40.62 -0.82 0.03	40.53 -0.84 1.29	43.60 -0.89 0.42	49.90 -1.05 1.59	51.53 -1.16 5.76	65.08 -1.55 5.42	66.64 -1.41 2.52	75.16 -1.64 0.73	75.37 -1.77 1.53	53.66 -1.14 0.00	47.96 -1.04 0.00
OCC_CHEM___DRP 24175	33.97 -5.61 1.11	35.44 -5.55 1.81	39.31 -6.14 0.20	37.14 -5.54 0.00	34.50 -5.48 0.81	31.43 -5.12 1.52	54.18 -9.32 6.17	50.91 -8.78 2.12	33.96 -5.53 2.22	30.60 -4.35 0.00	34.61 -4.37 0.00	37.14 -4.38 0.00	36.49 -4.96 0.00	36.12 -5.13 0.22	34.99 -5.58 2.09	38.11 -6.18 0.62	43.01 -7.21 2.32	42.10 -7.93 8.44	54.58 -9.08 8.39	56.27 -8.79 5.52	66.09 -9.85 1.61	66.39 -10.05 2.23	48.64 -6.15 0.00	44.04 -4.97 0.00
OH_GEN_PROXY 24063	34.47 -5.16 1.06	35.94 -5.11 1.75	39.84 -5.62 0.20	37.62 -5.06 0.00	34.99 -5.02 0.78	31.90 -4.70 1.47	55.02 -8.67 5.98	51.64 -8.11 2.05	34.48 -5.08 2.16	26.03 -4.02 4.90	34.98 -3.99 0.00	37.54 -3.98 0.00	36.94 -4.51 0.00	36.58 -4.69 0.20	35.53 -5.13 2.00	38.69 -5.62 0.60	43.77 -6.54 2.24	43.10 -7.22 8.14	55.76 -8.22 8.08	57.33 -7.93 5.31	67.06 -8.93 1.55	67.42 -9.10 2.15	49.23 -5.56 0.00	44.47 -4.53 0.00
OLIN_CORP_DRP 24177	34.16 -5.41 1.13	35.63 -5.33 1.84	39.54 -5.90 0.21	37.38 -5.30 0.00	34.75 -5.24 0.80	31.64 -4.88 1.55	54.57 -8.98 6.14	51.27 -8.43 2.11	34.24 -5.26 2.21	30.80 -4.15 0.00	34.87 -4.11 0.00	37.44 -4.08 0.00	36.74 -4.72 0.00	36.26 -4.99 0.22	35.21 -5.38 2.08	38.19 -6.09 0.63	43.23 -6.95 2.36	42.34 -7.59 8.54	54.95 -8.55 8.55	56.51 -8.44 5.62	66.23 -9.67 1.64	66.59 -9.80 2.27	48.87 -5.93 0.00	44.18 -4.82 0.00
OLIN_CORP_DSASP 323712	33.97 -5.61 1.11	35.45 -5.54 1.81	39.33 -6.12 0.20	37.14 -5.54 0.00	34.51 -5.47 0.81	31.42 -5.13 1.52	54.24 -9.27 6.17	50.90 -8.79 2.12	33.98 -5.51 2.22	26.01 -4.36 4.58	34.60 -4.37 0.00	37.15 -4.38 0.00	36.48 -4.97 0.00	36.11 -5.13 0.22	35.00 -5.58 2.09	38.11 -6.18 0.62	43.03 -7.19 2.32	42.07 -7.96 8.44	54.59 -9.08 8.39	56.27 -8.78 5.52	66.09 -9.84 1.61	66.38 -10.06 2.23	48.66 -6.14 0.00	44.04 -4.96 0.00
ONEIDA_HERK_LFGE 323681	41.40 0.71 0.00	43.68 0.88 0.00	46.52 0.87 0.00	43.41 0.72 0.00	41.45 0.66 0.00	38.91 0.83 0.00	71.94 2.26 0.00	64.17 2.36 0.00	43.25 1.54 0.00	36.06 1.11 0.00	40.05 1.08 0.00	42.88 1.36 0.00	43.26 1.81 0.00	43.42 1.95 0.00	44.58 1.92 0.00	46.73 1.82 0.00	54.79 2.25 0.00	60.79 2.33 0.00	74.86 2.80 0.00	73.10 2.53 0.00	80.30 2.76 0.00	81.27 2.60 0.00	56.29 1.49 0.00	50.03 1.03 0.00
ONEIDA___115KV_TB4 55905	41.29 0.59 0.00	43.43 0.63 0.00	46.32 0.67 0.00	43.36 0.68 0.00	41.47 0.68 0.00	38.86 0.79 0.00	72.88 2.27 -0.93	63.95 1.95 -0.19	42.97 1.26 0.00	35.95 1.00 0.00	40.04 1.06 0.00	42.69 1.16 0.00	42.71 1.25 0.00	42.73 1.27 0.00	43.98 1.32 0.00	46.25 1.34 0.00	54.23 1.69 0.00	60.25 1.79 0.00	74.08 2.03 0.00	72.49 1.92 0.00	79.51 1.97 0.00	80.48 1.81 0.00	55.93 1.13 0.00	49.85 0.84 0.00
ONONDAGA_REF_OCCRA 23987	40.09 -0.93 -0.33	42.43 -1.01 -0.63	44.62 -1.10 -0.07	41.69 -0.99 0.00	40.15 -0.92 -0.28	37.84 -0.76 -0.53	70.47 -1.36 -2.15	61.42 -1.26 -0.87	41.89 -0.73 -0.91	34.37 -0.58 0.00	38.36 -0.62 0.00	40.85 -0.67 0.00	40.73 -0.72 0.00	40.72 -0.77 -0.02	42.60 -0.83 -0.77	44.28 -0.89 -0.25	52.54 -0.95 -0.94	60.90 -1.00 -3.44	73.92 -1.13 -3.00	71.52 -1.05 -1.99	76.88 -1.24 -0.58	78.12 -1.32 -0.77	53.85 -0.94 0.00	48.10 -0.91 0.00
ONONDAGA___COGEN 23986	39.85 -0.84 0.00	41.89 -0.91 0.00	44.67 -0.98 0.00	41.79 -0.90 0.00	39.97 -0.82 0.00	37.41 -0.66 0.00	68.51 -1.17 0.00	60.85 -0.96 0.00	41.19 -0.52 0.00	34.56 -0.40 0.00	38.54 -0.43 0.00	41.05 -0.47 0.00	40.95 -0.50 0.00	40.92 -0.55 0.00	42.05 -0.60 0.00	44.30 -0.62 0.00	51.92 -0.63 0.00	57.72 -0.74 0.00	71.13 -0.92 0.00	69.71 -0.86 0.00	76.49 -1.04 0.00	77.52 -1.15 0.00	53.97 -0.82 0.00	48.19 -0.81 0.00
ONTARIO___LFGE 23819	37.78 -1.66 1.26	38.59 -1.68 2.54	43.58 -1.78 0.29	41.09 -1.59 0.00	38.20 -1.46 1.13	34.70 -1.24 2.14	58.96 -2.06 8.66	56.99 -1.84 2.98	37.63 -0.95 3.13	34.08 -0.87 0.00	38.16 -0.82 0.00	40.76 -0.76 0.00	40.51 -0.95 0.00	40.38 -1.14 -0.05	38.87 -1.29 2.50	42.70 -1.35 0.87	47.70 -1.59 3.25	45.01 -1.63 11.82	58.41 -1.88 11.76	60.98 -1.73 7.86	73.03 -2.22 2.29	73.18 -2.37 3.12	53.40 -1.39 0.00	47.79 -1.21 0.00
ORANGEVILLE_WT_PWR 323706	34.10 -4.51 2.08	35.64 -4.41 2.76	40.67 -4.67 0.31	38.56 -4.12 0.00	35.60 -3.96 1.23	32.09 -3.67 2.32	53.67 -6.64 9.37	52.53 -6.06 3.21	34.65 -3.69 3.37	29.97 -2.92 2.06	36.04 -2.94 0.00	38.71 -2.81 0.00	38.12 -3.34 0.00	36.75 -3.91 0.81	34.56 -4.39 3.71	39.29 -4.68 0.94	43.65 -5.37 3.52	39.92 -5.75 12.79	52.67 -6.64 12.75	56.02 -6.13 8.42	68.24 -6.84 2.45	68.36 -6.92 3.39	50.74 -4.06 0.00	45.74 -3.26 0.00
ORANGEVILLE___ESR 323794	34.10 -4.51 2.08	35.64 -4.41 2.76	40.67 -4.67 0.31	38.56 -4.12 0.00	35.60 -3.96 1.23	32.09 -3.67 2.32	53.67 -6.64 9.37	52.53 -6.06 3.21	34.65 -3.69 3.37	29.97 -2.92 2.06	36.04 -2.94 0.00	38.71 -2.81 0.00	38.12 -3.34 0.00	36.75 -3.91 0.81	34.56 -4.39 3.71	39.29 -4.68 0.94	43.65 -5.37 3.52	39.92 -5.75 12.79	52.67 -6.64 12.75	56.02 -6.13 8.42	68.24 -6.84 2.45	68.36 -6.92 3.39	50.74 -4.06 0.00	45.74 -3.26 0.00
OSWEGATCHIE___HYD 24044	41.48 0.79 0.00	43.89 1.09 0.00	46.70 1.05 0.00	43.48 0.80 0.00	41.48 0.69 0.00	39.30 1.23 0.00	73.23 3.55 0.00	65.35 3.54 0.00	43.95 2.24 0.00	36.46 1.51 0.00	40.64 1.67 0.00	43.91 2.39 0.00	45.04 3.59 0.00	45.51 4.04 0.00	45.92 3.26 0.00	47.20 2.29 0.00	55.19 2.65 0.00	60.81 2.35 0.00	75.07 3.02 0.00	73.22 2.65 0.00	80.67 3.14 0.00	81.96 3.29 0.00	56.86 2.07 0.00	50.57 1.56 0.00
OSWEGO___5 23606	39.14 -1.56 0.00	41.15 -1.65 0.00	43.87 -1.78 0.00	41.03 -1.65 0.00	39.26 -1.53 0.00	36.71 -1.36 0.00	67.09 -2.59 0.00	59.50 -2.30 0.00	40.25 -1.46 0.00	33.81 -1.14 0.00	37.71 -1.27 0.00	40.13 -1.39 0.00	40.00 -1.45 0.00	39.99 -1.48 0.00	41.11 -1.55 0.00	43.28 -1.63 0.00	50.65 -1.89 0.00	56.41 -2.05 0.00	69.52 -2.54 0.00	68.10 -2.47 0.00	74.78 -2.75 0.00	75.82 -2.85 0.00	52.84 -1.95 0.00	47.25 -1.76 0.00

OSWEGO___6 23613	39.14 -1.56 0.00	41.15 -1.65 0.00	43.87 -1.78 0.00	41.03 -1.65 0.00	39.26 -1.53 0.00	36.71 -1.36 0.00	67.09 -2.59 0.00	59.50 -2.30 0.00	40.25 -1.46 0.00	33.81 -1.14 0.00	37.71 -1.27 0.00	40.13 -1.39 0.00	40.00 -1.45 0.00	39.99 -1.48 0.00	41.11 -1.55 0.00	43.28 -1.63 0.00	50.65 -1.89 0.00	56.41 -2.05 0.00	69.52 -2.54 0.00	68.10 -2.47 0.00	74.78 -2.75 0.00	75.82 -2.85 0.00	52.84 -1.95 0.00	47.25 -1.76 0.00
OUTOKUMPU-AB___DRP 24206	34.86 -4.67 1.16	36.35 -4.57 1.88	40.37 -5.07 0.21	38.12 -4.56 0.00	35.45 -4.51 0.83	32.31 -4.18 1.58	55.72 -7.58 6.37	52.52 -7.10 2.19	35.02 -4.39 2.29	31.52 -3.43 0.00	35.65 -3.32 0.00	38.30 -3.22 0.00	37.60 -3.86 0.00	37.11 -4.12 0.23	35.97 -4.53 2.16	39.24 -5.03 0.64	44.33 -5.80 2.41	43.39 -6.31 8.76	56.27 -7.06 8.73	57.96 -6.87 5.74	68.11 -7.75 1.67	68.40 -7.94 2.32	50.06 -4.73 0.00	45.25 -3.76 0.00
OXBOW___BTM 323836	34.34 -5.22 1.14	35.81 -5.14 1.85	39.76 -5.68 0.21	37.54 -5.14 0.00	34.90 -5.07 0.82	31.79 -4.73 1.55	54.88 -8.52 6.28	51.60 -8.06 2.15	34.43 -5.02 2.26	26.41 -3.96 4.58	35.07 -3.91 0.00	37.67 -3.85 0.00	36.97 -4.48 0.00	36.54 -4.70 0.23	35.41 -5.12 2.13	38.60 -5.68 0.63	43.60 -6.58 2.37	42.63 -7.23 8.60	55.30 -8.20 8.56	57.03 -7.91 5.63	66.98 -8.92 1.64	67.26 -9.14 2.28	49.26 -5.53 0.00	44.55 -4.46 0.00
OXBOW____ 24026	34.33 -5.23 1.14	35.80 -5.15 1.85	39.74 -5.70 0.21	37.55 -5.13 0.00	34.89 -5.08 0.82	31.79 -4.73 1.55	54.83 -8.58 6.28	51.61 -8.05 2.15	34.42 -5.03 2.26	31.00 -3.95 0.00	35.07 -3.91 0.00	37.66 -3.86 0.00	36.97 -4.48 0.00	36.54 -4.70 0.23	35.41 -5.12 2.13	38.59 -5.69 0.63	43.58 -6.59 2.37	42.65 -7.21 8.60	55.32 -8.18 8.56	57.00 -7.94 5.63	66.97 -8.93 1.64	67.26 -9.13 2.28	49.25 -5.55 0.00	44.54 -4.47 0.00
OXY_CHEM_DSASP 323612	33.97 -5.61 1.11	35.44 -5.55 1.81	39.31 -6.14 0.20	37.14 -5.54 0.00	34.50 -5.48 0.81	31.43 -5.12 1.52	54.18 -9.32 6.17	50.91 -8.78 2.12	33.96 -5.53 2.22	30.60 -4.35 0.00	34.61 -4.37 0.00	37.14 -4.38 0.00	36.49 -4.96 0.00	36.12 -5.13 0.22	34.99 -5.58 2.09	38.11 -6.18 0.62	43.01 -7.21 2.32	42.10 -7.93 8.44	54.58 -9.08 8.39	56.27 -8.79 5.52	66.09 -9.85 1.61	66.39 -10.05 2.23	48.64 -6.15 0.00	44.04 -4.97 0.00
OZONE_PARK_ESR 323760	42.62 1.93 0.00	44.57 1.76 0.00	47.67 2.02 0.00	44.51 1.83 0.00	42.48 1.69 0.00	39.65 1.57 0.00	72.86 3.18 0.00	65.24 2.97 -0.46	43.60 1.89 0.00	36.36 1.42 0.00	40.69 1.72 0.00	43.34 1.81 0.00	43.27 1.82 0.00	43.32 1.85 0.00	44.87 2.21 0.00	47.31 2.40 0.00	55.44 2.90 0.00	61.64 3.18 0.00	75.37 3.31 0.00	73.82 3.25 0.00	81.15 3.61 0.00	82.17 3.51 0.00	57.20 2.40 0.00	51.05 2.05 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	33.97 -5.61 1.11	35.44 -5.55 1.81	39.31 -6.14 0.20	37.14 -5.54 0.00	34.50 -5.48 0.81	31.43 -5.12 1.52	54.18 -9.32 6.17	50.91 -8.78 2.12	33.96 -5.53 2.22	30.60 -4.35 0.00	34.61 -4.37 0.00	37.14 -4.38 0.00	36.49 -4.96 0.00	36.12 -5.13 0.22	34.99 -5.58 2.09	38.11 -6.18 0.62	43.01 -7.21 2.32	42.10 -7.93 8.44	54.58 -9.08 8.39	56.27 -8.79 5.52	66.09 -9.85 1.61	66.39 -10.05 2.23	48.64 -6.15 0.00	44.04 -4.97 0.00
PACKARD__115KV_DUPONT_184 80571	33.97 -5.61 1.11	35.44 -5.55 1.81	39.31 -6.14 0.20	37.14 -5.54 0.00	34.50 -5.48 0.81	31.43 -5.12 1.52	54.18 -9.32 6.17	50.91 -8.78 2.12	33.96 -5.53 2.22	30.60 -4.35 0.00	34.61 -4.37 0.00	37.14 -4.38 0.00	36.49 -4.96 0.00	36.12 -5.13 0.22	34.99 -5.58 2.09	38.11 -6.18 0.62	43.01 -7.21 2.32	42.10 -7.93 8.44	54.58 -9.08 8.39	56.27 -8.79 5.52	66.09 -9.85 1.61	66.39 -10.05 2.23	48.64 -6.15 0.00	44.04 -4.97 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	42.28 1.59 0.00	44.22 1.42 0.00	47.36 1.71 0.00	44.29 1.60 0.00	42.27 1.48 0.00	39.45 1.37 0.00	72.41 2.73 0.00	64.80 2.53 -0.46	43.33 1.62 0.00	36.12 1.17 0.00	40.32 1.34 -0.01	42.87 1.35 -0.01	42.92 1.46 0.00	42.99 1.52 0.00	44.53 1.86 0.00	46.92 2.01 0.00	54.94 2.40 0.00	61.02 2.56 0.00	74.58 2.52 0.00	73.04 2.47 0.00	80.38 2.84 0.00	81.40 2.74 0.00	56.71 1.92 0.00	50.71 1.70 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	42.46 1.76 0.00	44.42 1.62 0.00	47.63 1.98 0.00	44.35 1.67 0.00	42.34 1.56 0.00	39.53 1.46 0.00	72.69 3.00 0.00	64.96 2.69 -0.46	43.38 1.67 0.00	36.19 1.24 0.00	40.42 1.44 -0.01	42.95 1.42 -0.01	43.03 1.57 0.00	43.06 1.59 0.00	44.58 1.91 0.00	46.98 2.07 0.00	54.99 2.45 0.00	61.07 2.61 0.00	74.66 2.60 0.00	73.14 2.57 0.00	80.55 3.01 0.00	81.53 2.86 0.00	56.79 2.00 0.00	50.80 1.79 0.00
PATROON__115KV_TB1 80586	42.11 1.42 0.00	44.21 1.41 0.00	47.19 1.54 0.00	44.13 1.45 0.00	42.14 1.36 0.00	39.23 1.15 0.00	71.78 2.09 0.00	66.88 1.88 -3.19	42.94 1.23 0.00	35.83 0.88 0.00	39.76 0.78 0.00	42.24 0.72 0.00	42.22 0.76 0.00	42.27 0.81 0.00	43.60 0.94 0.00	45.74 0.83 0.00	53.65 1.10 0.00	59.77 1.31 0.00	73.36 1.30 0.00	71.87 1.30 0.00	78.93 1.39 0.00	80.03 1.36 0.00	55.77 0.97 0.00	50.05 1.05 0.00
PATTRSNVILLE___SOLAR 323815	42.03 1.34 0.00	44.19 1.39 0.00	47.15 1.50 0.00	44.10 1.42 0.00	42.12 1.33 0.00	39.30 1.23 0.00	72.09 2.41 0.00	69.15 2.19 -5.16	43.05 1.34 0.00	35.91 0.96 0.00	39.87 0.89 0.00	42.47 0.94 0.00	42.48 1.03 0.00	42.60 1.14 0.00	44.03 1.37 0.00	46.42 1.51 0.00	54.42 1.87 0.00	60.64 2.17 0.00	74.60 2.55 0.00	73.06 2.49 0.00	80.22 2.68 0.00	81.33 2.66 0.00	56.55 1.75 0.00	50.51 1.51 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	35.98 -3.41 1.31	37.37 -3.29 2.14	41.76 -3.65 0.24	39.42 -3.26 0.00	36.63 -3.22 0.95	33.26 -3.01 1.80	56.95 -5.49 7.24	54.16 -5.16 2.49	36.00 -3.10 2.62	32.57 -2.38 0.00	36.80 -2.18 0.00	39.50 -2.03 0.00	38.93 -2.52 0.00	38.46 -2.76 0.25	37.07 -3.14 2.45	40.75 -3.42 0.74	45.89 -3.90 2.76	44.04 -4.42 10.01	57.20 -4.88 9.97	59.29 -4.72 6.56	70.22 -5.41 1.91	70.59 -5.43 2.65	51.73 -3.06 0.00	46.61 -2.39 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	42.65 1.96 0.00	44.65 1.85 0.00	47.71 2.06 0.00	44.56 1.88 0.00	42.57 1.78 0.00	39.71 1.64 0.00	72.95 3.26 0.00	65.28 3.00 -0.47	43.59 1.88 0.00	36.34 1.39 0.00	40.56 1.59 0.00	43.15 1.62 0.00	43.11 1.66 0.00	43.18 1.72 0.00	44.72 2.06 0.00	47.14 2.23 0.00	55.27 2.73 0.00	61.56 3.10 0.00	75.49 3.43 0.00	73.93 3.36 0.00	81.22 3.68 0.00	82.24 3.58 0.00	57.18 2.38 0.00	50.99 1.98 0.00
PEEKSKILL____ 23653	42.14 1.45 0.00	44.11 1.31 0.00	47.16 1.51 0.00	44.02 1.34 0.00	42.04 1.25 0.00	39.21 1.14 0.00	71.96 2.27 0.00	64.31 2.05 -0.46	42.95 1.24 0.00	35.83 0.88 0.00	40.04 1.07 0.00	42.66 1.14 0.00	42.67 1.22 0.00	42.71 1.24 0.00	44.21 1.55 0.00	46.59 1.67 0.00	54.61 2.06 0.00	60.74 2.28 0.00	74.33 2.27 0.00	72.80 2.23 0.00	80.06 2.52 0.00	81.09 2.42 0.00	56.46 1.66 0.00	50.39 1.39 0.00

PGE MADISON___WINDPWR 24146	42.91 0.53 -1.69	46.93 1.01 -3.11	47.47 1.47 -0.35	44.37 1.69 0.00	43.91 1.74 -1.39	42.63 1.94 -2.62	84.87 4.58 -10.60	70.27 4.52 -3.94	48.21 2.68 -3.82	38.20 2.32 -0.93	41.70 2.72 0.00	44.28 2.76 0.00	44.25 2.79 0.00	44.65 3.07 -0.12	48.88 2.96 -3.26	48.96 2.99 -1.06	60.31 3.80 -3.97	77.27 4.39 -14.42	91.95 5.33 -14.57	85.52 4.65 -10.30	85.09 4.55 -3.00	86.63 4.14 -3.82	57.46 2.66 0.00	51.26 2.26 0.00
PIERCEFIELD___HYD 23852	42.00 1.31 0.00	44.35 1.55 0.00	47.24 1.59 0.00	44.08 1.40 0.00	41.99 1.20 0.00	39.89 1.81 0.00	74.36 4.68 0.00	65.81 4.00 0.00	44.18 2.47 0.00	36.74 1.79 0.00	41.20 2.23 0.00	44.61 3.08 0.00	45.76 4.30 0.00	46.24 4.78 0.00	46.18 3.52 0.00	46.87 1.96 0.00	54.58 2.03 0.00	60.30 1.84 0.00	74.59 2.54 0.00	72.90 2.33 0.00	80.42 2.88 0.00	82.10 3.43 0.00	57.28 2.49 0.00	51.22 2.21 0.00
PINELAWN_CC_1 323563	42.73 2.04 0.00	44.73 1.93 0.00	47.80 2.15 0.00	44.59 1.91 0.00	42.69 1.90 0.00	39.75 1.67 0.00	72.91 3.23 0.00	65.34 3.07 -0.46	43.38 1.67 0.00	35.94 0.99 0.00	40.39 1.41 0.00	42.85 1.33 0.00	42.85 1.40 0.00	43.06 1.59 0.00	44.82 2.16 0.00	47.66 2.75 0.00	55.97 3.42 0.00	62.03 3.57 0.00	76.02 3.96 0.00	74.58 4.01 0.00	82.01 4.47 0.00	83.06 4.40 0.00	57.79 3.00 0.00	51.53 2.53 0.00
PJM_GEN_HTP_PROXY 323702	42.23 1.54 0.00	44.17 1.37 0.00	47.26 1.61 0.00	44.13 1.45 0.00	42.12 1.33 0.00	39.29 1.21 0.00	72.16 2.48 0.00	64.55 2.28 -0.46	43.15 1.44 0.00	36.02 1.07 0.00	40.30 1.32 0.00	42.91 1.39 0.00	42.88 1.43 0.00	42.93 1.46 0.00	44.45 1.79 0.00	46.85 1.94 0.00	54.90 2.36 0.00	61.04 2.58 0.00	74.60 2.55 0.00	73.04 2.47 0.00	81.15 2.77 -0.84	81.33 2.66 0.00	56.62 1.83 0.00	50.56 1.55 0.00
PJM_GEN_KEystone 24065	38.84 -1.21 0.64	40.36 -1.31 1.14	44.21 -1.32 0.13	41.44 -1.24 0.00	39.06 -1.22 0.51	35.95 -1.17 0.96	63.72 -2.09 3.88	58.87 -1.90 1.04	39.06 -1.25 1.40	28.52 -1.11 5.32	37.96 -1.01 0.00	40.57 -0.96 0.00	40.35 -1.10 0.00	40.23 -1.17 0.07	40.32 -1.13 1.21	43.33 -1.20 0.38	49.73 -1.37 1.44	51.64 -1.61 5.21	64.64 -2.23 5.19	65.07 -2.10 3.40	75.09 -2.31 0.15	74.91 -2.38 1.38	53.42 -1.37 0.00	47.84 -1.16 0.00
PJM_GEN_NEPTUNE_PROXY 323594	42.35 1.66 0.00	44.34 1.54 0.00	47.38 1.73 0.00	44.21 1.53 0.00	42.29 1.50 0.00	39.39 1.32 0.00	72.24 2.56 0.00	64.68 2.42 -0.46	43.02 1.31 0.00	35.76 0.81 0.00	40.17 1.19 0.00	42.68 1.16 0.00	42.68 1.23 0.00	42.81 1.35 0.00	44.50 1.83 0.00	47.16 2.25 0.00	55.33 2.78 0.00	61.35 2.89 0.00	75.14 3.08 0.00	73.69 3.12 0.00	81.86 3.48 -0.84	82.05 3.38 0.00	57.12 2.33 0.00	50.98 1.98 0.00
PJM_GEN_VFT_PROXY 323633	42.02 1.33 0.00	43.94 1.13 0.00	47.03 1.38 0.00	43.91 1.23 0.00	41.91 1.13 0.00	39.13 1.06 0.00	71.79 2.10 0.00	64.25 1.98 -0.46	42.95 1.24 0.00	35.84 0.89 0.00	40.08 1.10 0.00	42.68 1.15 0.00	42.66 1.21 0.00	42.71 1.24 0.00	44.21 1.55 0.00	46.59 1.68 0.00	54.59 2.05 0.00	60.68 2.22 0.00	59.93 2.05 14.18	70.15 2.00 2.43	80.64 2.26 -0.84	80.83 2.16 0.00	56.34 1.55 0.00	50.32 1.31 0.00
PLATSBURG_115KV_PMLD1 355749	40.98 0.29 0.00	43.30 0.49 0.00	46.46 0.81 0.00	43.08 0.40 0.00	41.36 0.57 0.00	38.86 0.79 0.00	72.11 2.43 0.00	64.01 2.21 0.00	43.34 1.63 0.00	36.52 1.57 0.00	40.53 1.56 0.00	43.52 2.00 0.00	43.52 2.07 0.00	43.52 2.05 0.00	44.77 2.11 0.00	47.24 2.33 0.00	55.02 2.48 0.00	60.59 2.13 0.00	74.53 2.48 0.00	72.46 1.89 0.00	80.42 2.88 0.00	81.66 2.99 0.00	56.65 1.86 0.00	51.19 2.19 0.00
PLEASANTVLY___LBMP 24000	42.15 1.45 0.00	44.14 1.33 0.00	47.15 1.50 0.00	44.04 1.36 0.00	42.06 1.27 0.00	39.21 1.14 0.00	71.89 2.21 0.00	64.30 2.00 -0.49	42.95 1.24 0.00	35.85 0.90 0.00	40.01 1.04 0.00	42.59 1.06 0.00	42.54 1.09 0.00	42.59 1.13 0.00	44.09 1.43 0.00	46.46 1.55 0.00	54.46 1.91 0.00	60.59 2.13 0.00	74.23 2.17 0.00	72.72 2.15 0.00	79.91 2.37 0.00	80.99 2.32 0.00	56.36 1.57 0.00	50.30 1.30 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	42.33 1.63 0.00	44.29 1.49 0.00	47.35 1.70 0.00	44.22 1.53 0.00	42.23 1.44 0.00	39.37 1.30 0.00	72.30 2.62 0.00	64.65 2.38 -0.46	43.22 1.51 0.00	36.04 1.09 0.00	40.29 1.32 0.00	42.91 1.39 0.00	42.88 1.42 0.00	42.92 1.45 0.00	44.45 1.79 0.00	46.86 1.95 0.00	54.94 2.40 0.00	61.08 2.62 0.00	74.75 2.69 0.00	73.20 2.63 0.00	80.45 2.91 0.00	81.49 2.82 0.00	56.73 1.93 0.00	50.63 1.62 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	42.33 1.63 0.00	44.29 1.49 0.00	47.35 1.70 0.00	44.22 1.53 0.00	42.23 1.44 0.00	39.37 1.30 0.00	72.30 2.62 0.00	64.65 2.38 -0.46	43.22 1.51 0.00	36.04 1.09 0.00	40.29 1.32 0.00	42.91 1.39 0.00	42.88 1.42 0.00	42.92 1.45 0.00	44.45 1.79 0.00	46.86 1.95 0.00	54.94 2.40 0.00	61.08 2.62 0.00	74.75 2.69 0.00	73.20 2.63 0.00	80.45 2.91 0.00	81.49 2.82 0.00	56.73 1.93 0.00	50.63 1.62 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	42.57 1.88 0.00	44.57 1.77 0.00	47.61 1.96 0.00	44.47 1.78 0.00	42.48 1.69 0.00	39.62 1.55 0.00	72.75 3.06 0.00	65.07 2.78 -0.48	43.47 1.76 0.00	36.24 1.29 0.00	40.39 1.42 0.00	42.95 1.43 0.00	42.94 1.48 0.00	43.02 1.55 0.00	44.55 1.89 0.00	46.96 2.05 0.00	55.07 2.53 0.00	61.37 2.91 0.00	75.21 3.16 0.00	73.71 3.14 0.00	80.96 3.42 0.00	82.01 3.34 0.00	57.02 2.23 0.00	50.85 1.85 0.00
POLETTI___ 23519	-207.83 1.48 250.00	2.41 1.28 41.67	47.22 1.57 0.00	44.10 1.41 0.00	42.06 1.27 0.00	39.19 1.12 0.00	65.51 2.24 6.40	64.37 2.10 -0.46	43.03 1.32 0.00	35.91 0.96 0.00	40.27 1.30 0.00	42.88 1.36 0.00	42.82 1.37 0.00	42.88 1.41 0.00	44.42 1.76 0.00	46.80 1.89 0.00	54.81 2.26 0.00	60.89 2.43 0.00	74.38 2.32 0.00	72.85 2.28 0.00	80.11 2.57 0.00	81.14 2.47 0.00	56.55 1.75 0.00	50.52 1.51 0.00
POMONA___ESR 323819	42.04 1.34 0.00	44.01 1.21 0.00	47.06 1.41 0.00	43.93 1.25 0.00	41.96 1.17 0.00	39.14 1.07 0.00	71.79 2.10 0.00	64.08 1.83 -0.44	42.77 1.06 0.00	35.72 0.77 0.00	39.89 0.92 0.00	42.55 1.03 0.00	42.59 1.14 0.00	42.63 1.17 0.00	44.11 1.46 0.00	46.46 1.55 0.00	54.48 1.93 0.00	60.58 2.12 0.00	74.11 2.06 0.00	72.62 2.05 0.00	79.88 2.34 0.00	80.91 2.24 0.00	56.33 1.54 0.00	50.31 1.31 0.00
PORT_JEFF_3 23555	42.84 2.15 0.00	44.85 2.04 0.00	47.91 2.26 0.00	44.72 2.04 0.00	42.83 2.04 0.00	39.89 1.82 0.00	73.08 3.39 0.00	65.45 3.18 -0.46	43.47 1.76 0.00	35.96 1.01 0.00	40.47 1.50 0.00	42.92 1.40 0.00	43.00 1.54 0.00	43.20 1.74 0.00	44.98 2.32 0.00	47.89 2.97 0.00	56.26 3.72 0.00	62.42 3.96 0.00	76.52 4.47 0.00	75.11 4.54 0.00	82.62 5.08 0.00	83.68 5.01 0.00	58.21 3.41 0.00	51.85 2.85 0.00

PORT_JEFF_4 23616	42.84 2.15 0.00	44.85 2.04 0.00	47.91 2.26 0.00	44.72 2.04 0.00	42.83 2.04 0.00	39.89 1.82 0.00	73.08 3.39 0.00	65.45 3.18 -0.46	43.47 1.76 0.00	35.96 1.01 0.00	40.47 1.50 0.00	42.92 1.40 0.00	43.00 1.54 0.00	43.20 1.74 0.00	44.98 2.32 0.00	47.89 2.97 0.00	56.26 3.72 0.00	62.42 3.96 0.00	76.52 4.47 0.00	75.11 4.54 0.00	82.62 5.08 0.00	83.68 5.01 0.00	58.21 3.41 0.00	51.85 2.85 0.00
PORT_JEFF_IC 23713	42.85 2.16 0.00	44.84 2.04 0.00	47.92 2.26 0.00	44.72 2.04 0.00	42.84 2.05 0.00	39.91 1.84 0.00	73.11 3.43 0.00	65.46 3.19 -0.46	43.48 1.77 0.00	35.96 1.01 0.00	40.47 1.50 0.00	42.92 1.40 0.00	42.99 1.54 0.00	43.20 1.73 0.00	44.99 2.33 0.00	47.91 2.99 0.00	56.30 3.75 0.00	62.46 4.00 0.00	76.57 4.52 0.00	75.18 4.60 0.00	82.68 5.14 0.00	83.70 5.03 0.00	58.23 3.44 0.00	51.86 2.85 0.00
PPL PILGRIM_ST_GT1 24216	43.00 2.31 0.00	45.03 2.22 0.00	48.12 2.47 0.00	44.92 2.24 0.00	43.02 2.23 0.00	40.05 1.97 0.00	73.40 3.72 0.00	65.76 3.48 -0.46	43.67 1.96 0.00	36.17 1.22 0.00	40.72 1.74 0.00	43.18 1.66 0.00	43.21 1.76 0.00	43.39 1.93 0.00	45.18 2.52 0.00	48.07 3.16 0.00	56.45 3.91 0.00	62.41 3.95 0.00	76.45 4.39 0.00	75.03 4.46 0.00	82.69 5.15 0.00	83.86 5.19 0.00	58.36 3.56 0.00	52.02 3.02 0.00
PPL PILGRIM_ST_GT2 24217	43.00 2.31 0.00	45.03 2.22 0.00	48.12 2.47 0.00	44.92 2.24 0.00	43.02 2.23 0.00	40.05 1.97 0.00	73.40 3.72 0.00	65.76 3.48 -0.46	43.67 1.96 0.00	36.17 1.22 0.00	40.72 1.74 0.00	43.18 1.66 0.00	43.21 1.76 0.00	43.39 1.93 0.00	45.18 2.52 0.00	48.07 3.16 0.00	56.45 3.91 0.00	62.41 3.95 0.00	76.45 4.39 0.00	75.03 4.46 0.00	82.69 5.15 0.00	83.86 5.19 0.00	58.36 3.56 0.00	52.02 3.02 0.00
PPL_SHRM_GT3 24213	42.82 2.12 0.00	44.81 2.01 0.00	47.88 2.23 0.00	44.72 2.04 0.00	42.85 2.06 0.00	39.93 1.86 0.00	73.12 3.44 0.00	65.41 3.14 -0.46	43.40 1.69 0.00	35.85 0.90 0.00	40.35 1.37 0.00	42.77 1.25 0.00	42.87 1.42 0.00	43.04 1.57 0.00	44.87 2.21 0.00	47.76 2.85 0.00	56.16 3.62 0.00	62.37 3.91 0.00	76.51 4.45 0.00	75.11 4.54 0.00	82.61 5.07 0.00	83.65 4.99 0.00	58.20 3.40 0.00	51.81 2.80 0.00
PPL_SHRM_GT4 24214	42.82 2.12 0.00	44.81 2.01 0.00	47.88 2.23 0.00	44.72 2.04 0.00	42.85 2.06 0.00	39.93 1.86 0.00	73.12 3.44 0.00	65.41 3.14 -0.46	43.40 1.69 0.00	35.85 0.90 0.00	40.35 1.37 0.00	42.77 1.25 0.00	42.87 1.42 0.00	43.04 1.57 0.00	44.87 2.21 0.00	47.76 2.85 0.00	56.16 3.62 0.00	62.37 3.91 0.00	76.51 4.45 0.00	75.11 4.54 0.00	82.61 5.07 0.00	83.65 4.99 0.00	58.20 3.40 0.00	51.81 2.80 0.00
PROJECT___ORANGE 1 24174	39.46 -1.23 0.00	41.49 -1.31 0.00	44.21 -1.44 0.00	41.37 -1.31 0.00	39.56 -1.22 0.00	37.04 -1.03 0.00	67.74 -1.94 0.00	60.12 -1.69 0.00	40.70 -1.01 0.00	34.16 -0.78 0.00	38.12 -0.86 0.00	40.58 -0.94 0.00	40.45 -1.00 0.00	40.43 -1.03 0.00	41.57 -1.10 0.00	43.74 -1.17 0.00	51.24 -1.31 0.00	57.07 -1.39 0.00	70.32 -1.73 0.00	68.93 -1.64 0.00	75.65 -1.89 0.00	76.72 -1.95 0.00	53.43 -1.37 0.00	47.75 -1.25 0.00
PROJECT___ORANGE 2 24166	39.46 -1.23 0.00	41.49 -1.31 0.00	44.21 -1.44 0.00	41.37 -1.31 0.00	39.56 -1.22 0.00	37.04 -1.03 0.00	67.74 -1.94 0.00	60.12 -1.69 0.00	40.70 -1.01 0.00	34.16 -0.78 0.00	38.12 -0.86 0.00	40.58 -0.94 0.00	40.45 -1.00 0.00	40.43 -1.03 0.00	41.57 -1.10 0.00	43.74 -1.17 0.00	51.24 -1.31 0.00	57.07 -1.39 0.00	70.32 -1.73 0.00	68.93 -1.64 0.00	75.65 -1.89 0.00	76.72 -1.95 0.00	53.43 -1.37 0.00	47.75 -1.25 0.00
PUCKETT___SOLAR 323809	40.06 -0.64 0.00	42.27 -0.53 0.00	45.18 -0.48 0.00	42.26 -0.42 0.00	40.50 -0.29 0.00	37.91 -0.17 0.00	69.75 0.07 0.00	62.24 0.17 -0.26	41.77 0.06 0.00	36.37 -0.02 -1.45	39.11 0.14 0.00	41.71 0.19 0.00	41.50 0.05 0.00	41.53 0.06 0.00	42.65 -0.01 0.00	44.84 -0.07 0.00	52.57 0.03 0.00	58.59 0.13 0.00	72.12 0.06 0.00	70.56 -0.01 0.00	77.32 -0.22 0.00	78.14 -0.53 0.00	54.46 -0.33 0.00	48.66 -0.34 0.00
PYRITES___HYD 24023	42.85 2.16 0.00	45.26 2.46 0.00	48.21 2.56 0.00	45.01 2.33 0.00	42.93 2.14 0.00	40.65 2.58 0.00	75.66 5.98 0.00	66.93 5.13 0.00	44.69 2.98 0.00	37.10 2.15 0.00	41.66 2.69 0.00	44.93 3.41 0.00	45.87 4.41 0.00	46.25 4.79 0.00	46.46 3.80 0.00	47.72 2.81 0.00	55.65 3.11 0.00	61.79 3.33 0.00	76.68 4.63 0.00	75.05 4.48 0.00	82.56 5.02 0.00	84.09 5.42 0.00	58.59 3.80 0.00	52.39 3.38 0.00
QUAKERRD_115KV_BK1 80622	36.76 -3.36 0.57	38.32 -3.42 1.07	41.78 -3.75 0.12	39.30 -3.39 0.00	37.04 -3.28 0.48	34.18 -3.00 0.90	60.61 -5.43 3.64	55.62 -4.93 1.25	37.30 -3.09 1.32	32.50 -2.45 0.00	36.45 -2.52 0.00	38.92 -2.61 0.00	38.61 -2.85 0.00	38.46 -2.98 0.03	38.31 -3.24 1.11	41.07 -3.48 0.37	47.16 -4.01 1.37	49.15 -4.33 4.98	62.10 -5.01 4.94	62.43 -4.89 3.26	71.05 -5.54 0.95	71.58 -5.77 1.31	51.03 -3.77 0.00	45.78 -3.23 0.00
QUENSBRY_115KV_TB8 356137	44.40 3.70 0.00	46.83 4.03 0.00	50.06 4.41 0.00	46.98 4.30 0.00	44.98 4.19 0.00	41.95 3.88 0.00	77.45 7.77 0.00	73.49 7.01 -4.67	46.42 4.71 0.00	38.61 3.66 0.00	42.71 3.74 0.00	45.27 3.75 0.00	45.38 3.93 0.00	45.46 3.99 0.00	46.93 4.27 0.00	49.60 4.69 0.00	58.22 5.68 0.00	65.15 6.69 0.00	80.09 8.04 0.00	78.29 7.72 0.00	85.72 8.18 0.00	86.89 8.22 0.00	60.17 5.38 0.00	53.70 4.69 0.00
RAMAPO___LBMP 323565	41.94 1.25 0.00	43.91 1.11 0.00	46.97 1.32 0.00	43.83 1.15 0.00	41.87 1.08 0.00	39.06 0.98 0.00	71.66 1.98 0.00	63.99 1.74 -0.44	42.72 1.01 0.00	35.66 0.71 0.00	39.81 0.83 0.00	42.45 0.92 0.00	42.45 1.00 0.00	42.50 1.03 0.00	43.99 1.33 0.00	46.33 1.42 0.00	54.32 1.78 0.00	60.41 1.95 0.00	73.91 1.86 0.00	72.44 1.87 0.00	79.66 2.12 0.00	80.69 2.03 0.00	56.20 1.41 0.00	50.19 1.18 0.00
RANKINE____ 23646	35.22 -4.16 1.31	36.63 -4.07 2.10	40.96 -4.46 0.24	38.70 -3.98 0.00	35.94 -3.93 0.93	32.66 -3.65 1.76	55.93 -6.63 7.12	53.19 -6.18 2.44	35.33 -3.82 2.56	31.99 -2.96 0.00	36.11 -2.87 0.00	38.83 -2.69 0.00	38.20 -3.26 0.00	37.62 -3.56 0.28	36.25 -3.97 2.44	39.87 -4.32 0.72	44.90 -4.95 2.70	43.23 -5.44 9.79	56.19 -6.11 9.75	58.30 -5.86 6.42	69.09 -6.58 1.87	69.39 -6.69 2.60	50.89 -3.90 0.00	45.91 -3.10 0.00
RAVENSWOOD_GT2_1 24244	42.30 1.61 0.00	44.24 1.44 0.00	47.32 1.67 0.00	44.18 1.50 0.00	42.17 1.38 0.00	39.34 1.27 0.00	72.24 2.56 0.00	64.63 2.36 -0.46	43.21 1.50 0.00	36.05 1.10 0.00	40.36 1.39 0.00	42.97 1.45 0.00	42.94 1.49 0.00	42.99 1.52 0.00	44.53 1.86 0.00	46.93 2.02 0.00	54.98 2.44 0.00	61.11 2.65 0.00	74.69 2.63 0.00	73.13 2.56 0.00	80.39 2.85 0.00	81.43 2.76 0.00	56.71 1.92 0.00	50.65 1.65 0.00

RAVENSWOOD_GT2_2 24245	42.30 1.61 0.00	44.24 1.44 0.00	47.32 1.67 0.00	44.18 1.50 0.00	42.17 1.38 0.00	39.34 1.27 0.00	72.24 2.56 0.00	64.63 2.36 -0.46	43.21 1.50 0.00	36.05 1.10 0.00	40.36 1.39 0.00	42.97 1.45 0.00	42.94 1.49 0.00	42.99 1.52 0.00	44.53 1.86 0.00	46.93 2.02 0.00	54.98 2.44 0.00	61.11 2.65 0.00	74.69 2.63 0.00	73.13 2.56 0.00	80.39 2.85 0.00	81.43 2.76 0.00	56.71 1.92 0.00	50.65 1.65 0.00
RAVENSWOOD_GT2_3 24246	42.31 1.62 0.00	44.25 1.45 0.00	47.35 1.70 0.00	44.20 1.52 0.00	42.18 1.40 0.00	39.36 1.29 0.00	72.26 2.58 0.00	64.66 2.39 -0.46	43.23 1.53 0.00	36.08 1.13 0.00	40.38 1.41 0.00	43.00 1.47 0.00	42.95 1.50 0.00	43.00 1.54 0.00	44.54 1.88 0.00	46.94 2.03 0.00	55.01 2.46 0.00	61.13 2.67 0.00	74.72 2.66 0.00	73.16 2.59 0.00	80.44 2.91 0.00	81.48 2.81 0.00	56.74 1.95 0.00	50.67 1.66 0.00
RAVENSWOOD_GT2_4 24247	42.31 1.62 0.00	44.25 1.45 0.00	47.35 1.70 0.00	44.20 1.52 0.00	42.18 1.40 0.00	39.36 1.29 0.00	72.26 2.58 0.00	64.66 2.39 -0.46	43.23 1.53 0.00	36.08 1.13 0.00	40.38 1.41 0.00	43.00 1.47 0.00	42.95 1.50 0.00	43.00 1.54 0.00	44.54 1.88 0.00	46.94 2.03 0.00	55.01 2.46 0.00	61.13 2.67 0.00	74.72 2.66 0.00	73.16 2.59 0.00	80.44 2.91 0.00	81.48 2.81 0.00	56.74 1.95 0.00	50.67 1.66 0.00
RAVENSWOOD_GT3_1 24248	42.30 1.61 0.00	44.24 1.44 0.00	47.33 1.67 0.00	44.18 1.50 0.00	42.17 1.38 0.00	39.34 1.27 0.00	72.24 2.56 0.00	64.63 2.36 -0.46	43.21 1.50 0.00	36.05 1.10 0.00	40.36 1.39 0.00	42.97 1.45 0.00	42.94 1.49 0.00	42.99 1.52 0.00	44.53 1.86 0.00	46.93 2.02 0.00	54.98 2.44 0.00	61.11 2.65 0.00	74.69 2.63 0.00	73.14 2.57 0.00	80.40 2.86 0.00	81.43 2.76 0.00	56.71 1.92 0.00	50.65 1.65 0.00
RAVENSWOOD_GT3_2 24249	42.30 1.61 0.00	44.24 1.44 0.00	47.33 1.67 0.00	44.18 1.50 0.00	42.17 1.38 0.00	39.34 1.27 0.00	72.24 2.56 0.00	64.63 2.36 -0.46	43.21 1.50 0.00	36.05 1.10 0.00	40.36 1.39 0.00	42.97 1.45 0.00	42.94 1.49 0.00	42.99 1.52 0.00	44.53 1.86 0.00	46.93 2.02 0.00	54.98 2.44 0.00	61.11 2.65 0.00	74.69 2.63 0.00	73.14 2.57 0.00	80.40 2.86 0.00	81.43 2.76 0.00	56.71 1.92 0.00	50.65 1.65 0.00
RAVENSWOOD_GT3_3 24250	42.35 1.65 0.00	44.29 1.49 0.00	47.39 1.74 0.00	44.24 1.56 0.00	42.23 1.44 0.00	39.40 1.32 0.00	72.33 2.65 0.00	64.73 2.46 -0.46	43.28 1.57 0.00	36.12 1.17 0.00	40.43 1.45 0.00	43.04 1.52 0.00	43.00 1.55 0.00	43.05 1.58 0.00	44.59 1.93 0.00	47.00 2.08 0.00	55.06 2.52 0.00	61.20 2.74 0.00	74.80 2.74 0.00	73.25 2.68 0.00	80.53 2.99 0.00	81.56 2.89 0.00	56.80 2.01 0.00	50.72 1.71 0.00
RAVENSWOOD_GT3_4 24251	42.35 1.65 0.00	44.29 1.49 0.00	47.39 1.74 0.00	44.24 1.56 0.00	42.23 1.44 0.00	39.40 1.32 0.00	72.33 2.65 0.00	64.73 2.46 -0.46	43.28 1.57 0.00	36.12 1.17 0.00	40.43 1.45 0.00	43.04 1.52 0.00	43.00 1.55 0.00	43.05 1.58 0.00	44.59 1.93 0.00	47.00 2.08 0.00	55.06 2.52 0.00	61.20 2.74 0.00	74.80 2.74 0.00	73.25 2.68 0.00	80.53 2.99 0.00	81.56 2.89 0.00	56.80 2.01 0.00	50.72 1.71 0.00
RAVENSWOOD_GT_1 23729	47.01 1.71 -4.61	48.55 1.54 -4.20	50.99 1.79 -3.55	48.43 1.63 -4.11	46.83 1.51 -4.52	44.61 1.40 -5.14	72.95 2.76 -0.51	65.09 2.57 -0.71	47.97 1.70 -4.56	46.36 1.27 -10.14	45.87 1.60 -5.29	47.09 1.66 -3.91	51.39 1.68 -8.27	46.52 1.71 -3.35	49.24 2.08 -4.49	49.75 2.23 -2.61	56.01 2.66 -0.80	61.43 2.84 -0.14	74.91 2.85 0.00	73.33 2.76 0.00	80.91 3.10 -0.26	89.85 3.02 -8.15	69.93 2.14 -12.99	60.45 1.86 -9.58
RAVENSWOOD_GT_10 24258	42.83 1.61 -0.53	44.72 1.44 -0.48	47.73 1.67 -0.41	44.65 1.50 -0.47	42.69 1.38 -0.52	39.93 1.27 -0.59	72.29 2.56 -0.06	64.66 2.36 -0.49	43.73 1.50 -0.52	37.22 1.10 -1.17	40.86 1.37 -0.51	43.29 1.45 -0.32	43.89 1.48 -0.95	43.35 1.50 -0.39	45.04 1.86 -0.52	47.22 2.01 -0.30	55.07 2.43 -0.09	61.11 2.64 -0.02	74.68 2.62 0.00	73.13 2.56 0.00	80.42 2.85 -0.03	82.36 2.74 -0.94	58.21 1.92 -1.50	51.75 1.64 -1.11
RAVENSWOOD_GT_11 24259	42.83 1.61 -0.53	44.72 1.44 -0.48	47.73 1.67 -0.41	44.65 1.50 -0.47	42.69 1.38 -0.52	39.93 1.27 -0.59	72.29 2.56 -0.06	64.66 2.36 -0.49	43.73 1.50 -0.52	37.22 1.10 -1.17	40.86 1.37 -0.51	43.29 1.45 -0.32	43.89 1.48 -0.95	43.35 1.50 -0.39	45.04 1.86 -0.52	47.22 2.01 -0.30	55.07 2.43 -0.09	61.11 2.64 -0.02	74.68 2.62 0.00	73.13 2.56 0.00	80.42 2.85 -0.03	82.36 2.74 -0.94	58.21 1.92 -1.50	51.75 1.64 -1.11
RAVENSWOOD_GT_4 24252	45.78 1.58 -3.51	47.43 1.42 -3.20	50.01 1.66 -2.70	47.30 1.49 -3.13	45.61 1.37 -3.45	43.24 1.25 -3.91	72.60 2.53 -0.39	64.79 2.33 -0.65	46.66 1.48 -3.47	43.75 1.08 -7.72	43.70 1.35 -3.37	45.05 1.42 -2.12	49.19 1.45 -6.29	45.50 1.49 -2.55	47.91 1.83 -3.42	48.87 1.98 -1.98	55.55 2.40 -0.61	61.17 2.61 -0.11	74.64 2.59 0.00	73.10 2.53 0.00	80.58 2.84 -0.20	87.61 2.74 -6.21	66.59 1.90 -9.90	57.90 1.61 -7.29
RAVENSWOOD_GT_5 24254	45.78 1.58 -3.51	47.43 1.42 -3.20	50.01 1.66 -2.70	47.30 1.49 -3.13	45.61 1.37 -3.45	43.24 1.25 -3.91	72.60 2.53 -0.39	64.79 2.33 -0.65	46.66 1.48 -3.47	43.75 1.08 -7.72	43.70 1.35 -3.37	45.05 1.42 -2.12	49.19 1.45 -6.29	45.50 1.49 -2.55	47.91 1.83 -3.42	48.87 1.98 -1.98	55.55 2.40 -0.61	61.17 2.61 -0.11	74.64 2.59 0.00	73.10 2.53 0.00	80.58 2.84 -0.20	87.61 2.74 -6.21	66.59 1.90 -9.90	57.90 1.61 -7.29
RAVENSWOOD_GT_6 24253	45.78 1.58 -3.51	47.43 1.42 -3.20	50.01 1.66 -2.70	47.30 1.49 -3.13	45.61 1.37 -3.45	43.24 1.25 -3.91	72.60 2.53 -0.39	64.79 2.33 -0.65	46.66 1.48 -3.47	43.75 1.08 -7.72	43.70 1.35 -3.37	45.05 1.42 -2.12	49.19 1.45 -6.29	45.50 1.49 -2.55	47.91 1.83 -3.42	48.87 1.98 -1.98	55.55 2.40 -0.61	61.17 2.61 -0.11	74.64 2.59 0.00	73.10 2.53 0.00	80.58 2.84 -0.20	87.61 2.74 -6.21	66.59 1.90 -9.90	57.90 1.61 -7.29
RAVENSWOOD_GT_7 24255	45.78 1.58 -3.51	47.43 1.42 -3.20	50.01 1.66 -2.70	47.30 1.49 -3.13	45.61 1.37 -3.45	43.24 1.25 -3.91	72.60 2.53 -0.39	64.79 2.33 -0.65	46.66 1.48 -3.47	43.75 1.08 -7.72	43.70 1.35 -3.37	45.05 1.42 -2.12	49.19 1.45 -6.29	45.50 1.49 -2.55	47.91 1.83 -3.42	48.87 1.98 -1.98	55.55 2.40 -0.61	61.17 2.61 -0.11	74.64 2.59 0.00	73.10 2.53 0.00	80.58 2.84 -0.20	87.61 2.74 -6.21	66.59 1.90 -9.90	57.90 1.61 -7.29
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	42.83 1.61 -0.53	44.72 1.44 -0.48	47.73 1.67 -0.41	44.65 1.50 -0.47	42.69 1.38 -0.52	39.93 1.27 -0.59	72.29 2.56 -0.06	64.66 2.36 -0.49	43.73 1.50 -0.52	37.22 1.10 -1.17	40.86 1.37 -0.51	43.29 1.45 -0.32	43.89 1.48 -0.95	43.35 1.50 -0.39	45.04 1.86 -0.52	47.22 2.01 -0.30	55.07 2.43 -0.09	61.11 2.64 -0.02	74.68 2.62 0.00	73.13 2.56 0.00	80.42 2.85 -0.03	82.36 2.74 -0.94	58.21 1.92 -1.50	51.75 1.64 -1.11

RAVENSWOOD_GT_9 24257	42.83 1.61 -0.53	44.72 1.44 -0.48	47.73 1.67 -0.41	44.65 1.50 -0.47	42.69 1.38 -0.52	39.93 1.27 -0.59	72.29 2.56 -0.06	64.66 2.36 -0.49	43.73 1.50 -0.52	37.22 1.10 -1.17	40.86 1.37 -0.51	43.29 1.45 -0.32	43.89 1.48 -0.95	43.35 1.50 -0.39	45.04 1.86 -0.52	47.22 2.01 -0.30	55.07 2.43 -0.09	61.11 2.64 -0.02	74.68 2.62 0.00	73.13 2.56 0.00	80.42 2.85 -0.03	82.36 2.74 -0.94	58.21 1.92 -1.50	51.75 1.64 -1.11
RAVENSWOOD___1 23533	37.82 1.67 4.54	40.16 1.50 4.14	43.91 1.75 3.50	40.21 1.58 4.05	37.79 1.45 4.45	34.37 1.35 5.05	71.88 2.70 0.50	64.54 2.52 -0.21	38.85 1.63 4.49	26.20 1.24 9.98	36.17 1.56 4.36	40.39 1.60 2.73	34.97 1.65 8.14	39.87 1.69 3.29	40.27 2.03 4.42	44.52 2.18 2.57	54.37 2.61 0.79	61.13 2.81 0.14	74.88 2.82 0.00	73.30 2.73 0.00	80.29 3.01 0.26	73.57 2.93 8.03	44.08 2.08 12.80	41.39 1.82 9.43
RAVENSWOOD___2 23534	37.82 1.67 4.54	40.16 1.50 4.14	43.91 1.75 3.50	40.21 1.58 4.05	37.79 1.45 4.45	34.37 1.35 5.05	71.88 2.70 0.50	64.54 2.52 -0.21	38.85 1.63 4.49	26.20 1.24 9.98	36.17 1.56 4.36	40.39 1.60 2.73	34.97 1.65 8.14	39.87 1.69 3.29	40.27 2.03 4.42	44.52 2.18 2.57	54.37 2.61 0.79	61.13 2.81 0.14	74.88 2.82 0.00	73.30 2.73 0.00	80.29 3.01 0.26	73.57 2.93 8.03	44.08 2.08 12.80	41.39 1.82 9.43
RAVENSWOOD___3 23535	42.29 1.60 0.00	44.24 1.44 0.00	47.32 1.67 0.00	44.18 1.50 0.00	42.16 1.37 0.00	39.34 1.27 0.00	72.23 2.55 0.00	64.63 2.36 -0.46	43.21 1.50 0.00	36.06 1.11 0.00	40.37 1.39 0.00	42.97 1.45 0.00	42.96 1.51 0.00	43.00 1.54 0.00	44.52 1.86 0.00	46.93 2.01 0.00	54.98 2.44 0.00	61.11 2.65 0.00	74.69 2.64 0.00	73.14 2.57 0.00	80.40 2.86 0.00	81.43 2.77 0.00	56.71 1.92 0.00	50.65 1.65 0.00
RAVENSWOOD___4 23820	37.82 1.67 4.54	40.16 1.50 4.14	43.91 1.75 3.50	40.21 1.58 4.05	37.79 1.45 4.45	34.37 1.35 5.05	71.88 2.70 0.50	64.54 2.52 -0.21	38.85 1.63 4.49	26.20 1.24 9.98	36.17 1.56 4.36	40.39 1.60 2.73	34.97 1.65 8.14	39.87 1.69 3.29	40.27 2.03 4.42	44.52 2.18 2.57	54.37 2.61 0.79	61.13 2.81 0.14	74.88 2.82 0.00	73.30 2.73 0.00	80.29 3.01 0.26	73.57 2.93 8.03	44.08 2.08 12.80	41.39 1.82 9.43
RCPL_TRUST___DRP 24196	42.26 1.57 0.00	44.20 1.40 0.00	47.29 1.64 0.00	44.15 1.47 0.00	42.14 1.36 0.00	39.33 1.25 0.00	72.23 2.55 0.00	64.62 2.35 -0.46	43.21 1.50 0.00	36.05 1.10 0.00	40.34 1.36 0.00	42.95 1.43 0.00	42.91 1.46 0.00	42.96 1.50 0.00	44.50 1.84 0.00	46.90 1.99 0.00	54.95 2.41 0.00	61.09 2.63 0.00	74.66 2.61 0.00	73.10 2.53 0.00	80.38 2.84 0.00	81.40 2.73 0.00	56.66 1.87 0.00	50.59 1.58 0.00
RED___ROCHESTER 323720	37.27 -2.79 0.64	38.83 -2.78 1.20	42.41 -3.10 0.13	39.91 -2.77 0.00	37.56 -2.70 0.53	34.62 -2.45 1.01	61.22 -4.39 4.07	56.35 -4.06 1.40	37.80 -2.44 1.47	30.71 -1.89 2.35	37.15 -1.82 0.00	39.71 -1.82 0.00	39.32 -2.14 0.00	39.14 -2.30 0.03	38.83 -2.59 1.24	41.66 -2.85 0.41	47.80 -3.21 1.53	49.51 -3.38 5.57	62.80 -3.72 5.54	63.31 -3.61 3.65	72.27 -4.21 1.06	72.75 -4.45 1.47	52.02 -2.78 0.00	46.68 -2.32 0.00
REGAN___SOLAR 323812	42.89 2.19 0.00	45.14 2.34 0.00	48.13 2.48 0.00	45.02 2.34 0.00	43.03 2.24 0.00	40.25 2.17 0.00	74.06 4.38 0.00	70.63 4.00 -4.82	44.06 2.35 0.00	36.64 1.69 0.00	40.51 1.53 0.00	43.28 1.75 0.00	43.38 1.92 0.00	43.69 2.22 0.00	45.24 2.59 0.00	47.68 2.77 0.00	55.98 3.44 0.00	62.47 4.01 0.00	77.09 5.04 0.00	75.45 4.88 0.00	82.71 5.17 0.00	83.73 5.06 0.00	58.14 3.35 0.00	51.88 2.88 0.00
RENSSELAER___COGEN 23796	41.87 1.18 0.00	43.96 1.16 0.00	46.92 1.27 0.00	43.89 1.21 0.00	41.91 1.12 0.00	38.99 0.92 0.00	71.30 1.62 0.00	65.49 1.43 -2.25	42.63 0.93 0.00	35.55 0.60 0.00	39.45 0.47 0.00	41.89 0.36 0.00	41.85 0.40 0.00	41.92 0.46 0.00	43.22 0.56 0.00	45.33 0.42 0.00	53.18 0.64 0.00	59.24 0.78 0.00	72.72 0.67 0.00	71.29 0.71 0.00	78.33 0.79 0.00	79.40 0.73 0.00	55.39 0.60 0.00	49.76 0.75 0.00
REPUBLIC_115KV_BARTNBRK 55605	45.59 4.90 0.00	48.31 5.51 0.00	51.75 6.10 0.00	48.70 6.02 0.00	46.76 5.97 0.00	43.52 5.45 0.00	80.83 11.15 0.00	76.50 10.03 -4.65	48.49 6.79 0.00	40.25 5.30 0.00	44.39 5.42 0.00	46.93 5.40 0.00	47.23 5.78 0.00	47.34 5.87 0.00	48.81 6.14 0.00	51.68 6.77 0.00	60.94 8.40 0.00	68.46 10.00 0.00	84.26 12.20 0.00	82.09 11.51 0.00	89.80 12.27 0.00	90.80 12.13 0.00	62.70 7.90 0.00	55.82 6.81 0.00
REVERE_CPPR_DRP 24186	41.77 1.08 0.00	43.96 1.16 0.00	46.85 1.20 0.00	43.81 1.13 0.00	41.87 1.08 0.00	39.29 1.21 0.00	72.81 3.13 0.00	64.67 2.86 0.00	43.60 1.89 0.00	36.45 1.50 0.00	40.56 1.59 0.00	43.30 1.78 0.00	43.45 2.00 0.00	43.52 2.06 0.00	44.75 2.09 0.00	47.00 2.09 0.00	55.13 2.59 0.00	61.24 2.78 0.00	75.37 3.32 0.00	73.68 3.10 0.00	80.81 3.27 0.00	81.76 3.09 0.00	56.73 1.93 0.00	50.46 1.46 0.00
REYNOLDS_115KV_TB3 80639	42.26 1.57 0.00	44.34 1.53 0.00	47.33 1.68 0.00	44.30 1.62 0.00	42.30 1.51 0.00	39.33 1.26 0.00	71.91 2.22 0.00	66.84 1.99 -3.05	43.01 1.30 0.00	35.95 0.99 0.00	39.91 0.94 0.00	42.37 0.85 0.00	42.32 0.87 0.00	42.38 0.92 0.00	43.76 1.10 0.00	46.03 1.12 0.00	53.92 1.38 0.00	60.08 1.62 0.00	73.72 1.67 0.00	72.22 1.65 0.00	79.46 1.92 0.00	80.61 1.95 0.00	56.13 1.33 0.00	50.20 1.20 0.00
RIVERBAY____ 323610	42.46 1.76 0.00	44.42 1.62 0.00	47.63 1.98 0.00	44.35 1.67 0.00	42.34 1.56 0.00	39.53 1.46 0.00	72.69 3.00 0.00	64.96 2.69 -0.46	43.38 1.67 0.00	36.19 1.24 0.00	40.42 1.44 -0.01	42.95 1.42 -0.01	43.03 1.57 0.00	43.06 1.59 0.00	44.58 1.91 0.00	46.98 2.07 0.00	54.99 2.45 0.00	61.07 2.61 0.00	74.66 2.60 0.00	73.14 2.57 0.00	80.55 3.01 0.00	81.53 2.86 0.00	56.79 2.00 0.00	50.80 1.79 0.00
RIVERSDE_115KV_TB3 55908	42.13 1.43 0.00	44.21 1.41 0.00	47.20 1.55 0.00	44.15 1.47 0.00	42.17 1.38 0.00	39.23 1.15 0.00	71.73 2.05 0.00	66.61 1.83 -2.97	42.92 1.21 0.00	35.83 0.88 0.00	39.76 0.79 0.00	42.22 0.69 0.00	42.18 0.73 0.00	42.25 0.79 0.00	43.59 0.93 0.00	45.78 0.87 0.00	53.66 1.12 0.00	59.78 1.32 0.00	73.38 1.33 0.00	71.88 1.31 0.00	78.88 1.34 0.00	80.01 1.34 0.00	55.75 0.96 0.00	50.00 0.99 0.00
ROARING___BROOK_WT_PWR 323790	40.46 -0.23 0.00	42.80 0.00 0.00	45.53 -0.12 0.00	42.46 -0.23 0.00	40.61 -0.18 0.00	37.91 -0.17 0.00	69.42 -0.26 0.00	61.61 -0.20 0.00	41.47 -0.24 0.00	34.74 -0.21 0.00	38.84 -0.14 0.00	41.64 0.11 0.00	41.62 0.17 0.00	41.68 0.22 0.00	42.85 0.19 0.00	45.14 0.23 0.00	52.76 0.22 0.00	58.66 0.20 0.00	72.44 0.38 0.00	70.79 0.22 0.00	77.82 0.28 0.00	79.19 0.52 0.00	55.00 0.20 0.00	49.15 0.14 0.00

ROCHESRG_115KV_T4 355643	36.86 -3.18 0.65	38.43 -3.20 1.17	41.99 -3.53 0.13	39.52 -3.17 0.00	37.18 -3.09 0.52	34.24 -2.85 0.99	60.48 -5.20 4.01	55.67 -4.76 1.38	37.33 -2.94 1.44	32.66 -2.29 0.00	36.69 -2.29 0.00	39.21 -2.31 0.00	38.82 -2.63 0.00	38.64 -2.77 0.06	38.33 -3.07 1.26	41.17 -3.34 0.40	47.20 -3.84 1.51	48.88 -4.11 5.47	61.97 -4.65 5.44	62.46 -4.53 3.58	71.35 -5.15 1.04	71.85 -5.37 1.44	51.42 -3.38 0.00	46.19 -2.81 0.00
ROCHESTER_9_IC 23652	37.07 -2.99 0.64	38.62 -2.98 1.20	42.20 -3.32 0.13	39.72 -2.97 0.00	37.37 -2.89 0.53	34.42 -2.64 1.00	60.82 -4.79 4.07	56.02 -4.39 1.40	37.56 -2.69 1.47	32.87 -2.08 0.00	36.93 -2.04 0.00	39.47 -2.05 0.00	39.08 -2.37 0.00	38.91 -2.53 0.03	38.59 -2.83 1.24	41.42 -3.09 0.41	47.49 -3.52 1.53	49.14 -3.75 5.57	62.35 -4.17 5.54	62.85 -4.08 3.65	71.80 -4.68 1.06	72.28 -4.92 1.47	51.72 -3.08 0.00	46.44 -2.57 0.00
ROCKVIEW_13_KV_LD 356306	42.43 1.73 0.00	44.39 1.59 0.00	47.44 1.79 0.00	44.26 1.58 0.00	42.26 1.47 0.00	39.42 1.35 0.00	72.40 2.72 0.00	64.77 2.50 -0.46	43.27 1.56 0.00	36.10 1.16 0.00	40.40 1.42 0.00	43.04 1.51 0.00	43.01 1.56 0.00	43.05 1.58 0.00	44.61 1.95 0.00	47.02 2.11 0.00	55.11 2.57 0.00	61.26 2.80 0.00	74.96 2.90 0.00	73.41 2.84 0.00	80.68 3.15 0.00	81.73 3.06 0.00	56.90 2.10 0.00	50.78 1.77 0.00
ROME____115KV_TB2 80656	41.77 1.08 0.00	43.96 1.16 0.00	46.85 1.20 0.00	43.81 1.13 0.00	41.87 1.08 0.00	39.29 1.21 0.00	72.81 3.13 0.00	64.67 2.86 0.00	43.60 1.89 0.00	36.45 1.50 0.00	40.56 1.59 0.00	43.30 1.78 0.00	43.45 2.00 0.00	43.52 2.06 0.00	44.75 2.09 0.00	47.00 2.09 0.00	55.13 2.59 0.00	61.24 2.78 0.00	75.37 3.32 0.00	73.68 3.10 0.00	80.81 3.27 0.00	81.76 3.09 0.00	56.73 1.93 0.00	50.46 1.46 0.00
ROSETON___1 23587	42.04 1.35 0.00	44.04 1.23 0.00	47.05 1.40 0.00	43.95 1.27 0.00	41.96 1.17 0.00	39.12 1.05 0.00	71.75 2.07 0.00	64.11 1.85 -0.45	42.86 1.15 0.00	35.78 0.83 0.00	39.93 0.96 0.00	42.51 0.99 0.00	42.49 1.04 0.00	42.53 1.06 0.00	44.01 1.36 0.00	46.37 1.46 0.00	54.35 1.80 0.00	60.47 2.01 0.00	74.06 2.01 0.00	72.57 2.00 0.00	79.75 2.22 0.00	80.83 2.16 0.00	56.26 1.46 0.00	50.22 1.21 0.00
ROSETON___2 23588	42.04 1.35 0.00	44.04 1.23 0.00	47.05 1.40 0.00	43.95 1.27 0.00	41.96 1.17 0.00	39.12 1.05 0.00	71.75 2.07 0.00	64.11 1.85 -0.45	42.86 1.15 0.00	35.78 0.83 0.00	39.93 0.96 0.00	42.51 0.99 0.00	42.49 1.04 0.00	42.53 1.06 0.00	44.01 1.36 0.00	46.37 1.46 0.00	54.35 1.80 0.00	60.47 2.01 0.00	74.06 2.01 0.00	72.57 2.00 0.00	79.75 2.22 0.00	80.83 2.16 0.00	56.26 1.46 0.00	50.22 1.21 0.00
ROTTRDAM_115KV_TB3 80664	41.82 1.13 0.00	43.96 1.16 0.00	46.91 1.25 0.00	43.87 1.19 0.00	41.89 1.10 0.00	39.04 0.97 0.00	71.57 1.89 0.00	68.78 1.69 -5.28	42.80 1.09 0.00	35.75 0.80 0.00	39.77 0.80 0.00	42.31 0.79 0.00	42.28 0.83 0.00	42.35 0.88 0.00	43.72 1.07 0.00	46.06 1.15 0.00	53.98 1.43 0.00	60.10 1.64 0.00	73.86 1.80 0.00	72.36 1.79 0.00	79.48 1.94 0.00	80.61 1.94 0.00	56.09 1.30 0.00	50.11 1.11 0.00
RUSSELL___1 23602	37.27 -2.79 0.64	38.82 -2.79 1.20	42.40 -3.11 0.13	39.90 -2.78 0.00	37.55 -2.70 0.53	34.61 -2.46 1.01	61.19 -4.42 4.07	56.36 -4.05 1.40	37.79 -2.45 1.47	33.07 -1.89 0.00	37.16 -1.82 0.00	39.70 -1.82 0.00	39.32 -2.14 0.00	39.14 -2.30 0.03	38.82 -2.60 1.24	41.66 -2.85 0.41	47.80 -3.22 1.53	49.50 -3.39 5.57	62.81 -3.71 5.54	63.30 -3.63 3.65	72.27 -4.20 1.06	72.75 -4.45 1.47	52.01 -2.79 0.00	46.68 -2.32 0.00
RUSSELL___2 23532	37.27 -2.79 0.64	38.82 -2.79 1.20	42.40 -3.11 0.13	39.90 -2.78 0.00	37.55 -2.70 0.53	34.61 -2.46 1.01	61.19 -4.42 4.07	56.36 -4.05 1.40	37.79 -2.45 1.47	33.07 -1.89 0.00	37.16 -1.82 0.00	39.70 -1.82 0.00	39.32 -2.14 0.00	39.14 -2.30 0.03	38.82 -2.60 1.24	41.66 -2.85 0.41	47.80 -3.22 1.53	49.50 -3.39 5.57	62.81 -3.71 5.54	63.30 -3.63 3.65	72.27 -4.20 1.06	72.75 -4.45 1.47	52.01 -2.79 0.00	46.68 -2.32 0.00
RUSSELL___3 23549	37.27 -2.79 0.64	38.82 -2.79 1.20	42.40 -3.11 0.13	39.90 -2.78 0.00	37.55 -2.70 0.53	34.61 -2.46 1.01	61.19 -4.42 4.07	56.36 -4.05 1.40	37.79 -2.45 1.47	33.07 -1.89 0.00	37.16 -1.82 0.00	39.70 -1.82 0.00	39.32 -2.14 0.00	39.14 -2.30 0.03	38.82 -2.60 1.24	41.66 -2.85 0.41	47.80 -3.22 1.53	49.50 -3.39 5.57	62.81 -3.71 5.54	63.30 -3.63 3.65	72.27 -4.20 1.06	72.75 -4.45 1.47	52.01 -2.79 0.00	46.68 -2.32 0.00
RUSSELL___4 23556	37.27 -2.79 0.64	38.82 -2.79 1.20	42.40 -3.11 0.13	39.90 -2.78 0.00	37.55 -2.70 0.53	34.61 -2.46 1.01	61.19 -4.42 4.07	56.36 -4.05 1.40	37.79 -2.45 1.47	33.07 -1.89 0.00	37.16 -1.82 0.00	39.70 -1.82 0.00	39.32 -2.14 0.00	39.14 -2.30 0.03	38.82 -2.60 1.24	41.66 -2.85 0.41	47.80 -3.22 1.53	49.50 -3.39 5.57	62.81 -3.71 5.54	63.30 -3.63 3.65	72.27 -4.20 1.06	72.75 -4.45 1.47	52.01 -2.79 0.00	46.68 -2.32 0.00
RUSSELL___STATION 23914	37.27 -2.79 0.64	38.82 -2.79 1.20	42.40 -3.11 0.13	39.90 -2.78 0.00	37.55 -2.70 0.53	34.61 -2.46 1.01	61.19 -4.42 4.07	56.36 -4.05 1.40	37.79 -2.45 1.47	33.07 -1.89 0.00	37.16 -1.82 0.00	39.70 -1.82 0.00	39.32 -2.14 0.00	39.14 -2.30 0.03	38.82 -2.60 1.24	41.66 -2.85 0.41	47.80 -3.22 1.53	49.50 -3.39 5.57	62.81 -3.71 5.54	63.30 -3.63 3.65	72.27 -4.20 1.06	72.75 -4.45 1.47	52.01 -2.79 0.00	46.68 -2.32 0.00
S SALMON___HYD 24043	40.18 -0.51 0.00	42.36 -0.44 0.00	45.11 -0.55 0.00	42.11 -0.57 0.00	40.27 -0.52 0.00	37.81 -0.26 0.00	69.60 -0.08 0.00	63.48 1.67 0.00	43.33 1.62 0.00	36.00 1.05 0.00	40.15 1.17 0.00	43.11 1.59 0.00	44.01 2.56 0.00	44.37 2.91 0.00	45.40 2.74 0.00	47.64 2.72 0.00	55.87 3.33 0.00	59.40 0.94 0.00	73.01 0.96 0.00	71.30 0.73 0.00	78.37 0.83 0.00	79.42 0.75 0.00	55.01 0.21 0.00	48.87 -0.13 0.00
S.PERRY__115KV_TB1 80734	37.44 -2.32 0.94	37.60 -2.24 2.96	42.85 -2.47 0.33	40.62 -2.06 0.00	37.56 -1.91 1.32	33.94 -1.65 2.49	57.09 -2.52 10.08	56.13 -2.22 3.46	36.88 -1.20 3.63	33.99 -0.96 0.00	38.08 -0.90 0.00	40.67 -0.85 0.00	40.20 -1.26 0.00	40.42 -1.74 -0.70	38.26 -2.24 2.16	41.75 -2.15 1.01	46.35 -2.41 3.78	42.60 -2.13 13.73	56.33 -2.03 13.69	59.57 -1.91 9.09	72.43 -2.46 2.64	72.41 -2.62 3.64	53.37 -1.43 0.00	47.86 -1.15 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	34.79 -4.68 1.22	36.25 -4.60 1.95	40.36 -5.07 0.22	38.15 -4.53 0.00	35.43 -4.49 0.87	32.25 -4.18 1.64	55.37 -7.66 6.65	52.39 -7.14 2.28	34.87 -4.44 2.39	31.49 -3.46 0.00	35.58 -3.39 0.00	38.22 -3.31 0.00	37.56 -3.89 0.00	37.06 -4.14 0.27	35.81 -4.56 2.28	39.25 -4.99 0.67	44.28 -5.76 2.50	43.03 -6.33 9.09	55.88 -7.13 9.05	57.75 -6.87 5.95	68.06 -7.74 1.73	68.39 -7.87 2.41	50.08 -4.71 0.00	45.22 -3.78 0.00

SAWYER___23_KV_LOAD 55526	34.79 -4.68 1.22	36.25 -4.60 1.95	40.36 -5.07 0.22	38.15 -4.53 0.00	35.43 -4.49 0.87	32.25 -4.18 1.64	55.37 -7.66 6.65	52.39 -7.14 2.28	34.87 -4.44 2.39	31.49 -3.46 0.00	35.58 -3.39 0.00	38.22 -3.31 0.00	37.56 -3.89 0.00	37.06 -4.14 0.27	35.81 -4.56 2.28	39.25 -4.99 0.67	44.28 -5.76 2.50	43.03 -6.33 9.09	55.88 -7.13 9.05	57.75 -6.87 5.95	68.06 -7.74 1.73	68.39 -7.87 2.41	50.08 -4.71 0.00	45.22 -3.78 0.00
SELKIRK___I 23801	42.05 1.36 0.00	44.19 1.39 0.00	47.18 1.53 0.00	44.12 1.44 0.00	42.14 1.35 0.00	39.22 1.15 0.00	71.73 2.05 0.00	65.29 1.74 -1.74	42.81 1.10 0.00	35.60 0.65 0.00	39.63 0.66 0.00	42.11 0.59 0.00	42.04 0.59 0.00	42.16 0.70 0.00	43.51 0.85 0.00	45.81 0.90 0.00	53.68 1.14 0.00	59.80 1.34 0.00	73.44 1.38 0.00	71.99 1.42 0.00	79.08 1.54 0.00	80.20 1.53 0.00	55.92 1.13 0.00	50.12 1.12 0.00
SELKIRK___II 23799	41.83 1.14 0.00	43.93 1.13 0.00	46.90 1.25 0.00	43.85 1.16 0.00	41.86 1.08 0.00	38.97 0.90 0.00	71.29 1.61 0.00	65.07 1.41 -1.86	42.63 0.92 0.00	35.56 0.60 0.00	39.53 0.56 0.00	42.00 0.48 0.00	41.96 0.51 0.00	42.02 0.55 0.00	43.35 0.69 0.00	45.57 0.66 0.00	53.42 0.88 0.00	59.48 1.02 0.00	73.02 0.96 0.00	71.59 1.02 0.00	78.65 1.11 0.00	79.74 1.07 0.00	55.59 0.79 0.00	49.82 0.81 0.00
SENECA OSWGO___HYD 24041	40.01 -0.68 0.00	42.10 -0.70 0.00	44.85 -0.80 0.00	41.94 -0.74 0.00	40.10 -0.69 0.00	37.60 -0.47 0.00	68.96 -0.72 0.00	61.63 -0.17 0.00	41.81 0.10 0.00	35.01 0.05 0.00	39.04 0.06 0.00	41.63 0.11 0.00	41.71 0.26 0.00	41.80 0.33 0.00	42.92 0.26 0.00	45.24 0.32 0.00	53.02 0.48 0.00	58.52 0.06 0.00	72.16 0.10 0.00	70.65 0.08 0.00	77.51 -0.03 0.00	78.46 -0.20 0.00	54.49 -0.30 0.00	48.60 -0.40 0.00
SENECA___115KV_TB3 355854	35.29 -4.10 1.31	36.71 -3.99 2.10	41.02 -4.40 0.24	38.77 -3.92 0.00	36.00 -3.86 0.93	32.72 -3.59 1.76	56.04 -6.52 7.12	53.30 -6.07 2.44	35.40 -3.75 2.56	32.05 -2.90 0.00	36.17 -2.80 0.00	38.91 -2.61 0.00	38.27 -3.18 0.00	37.70 -3.49 0.28	36.33 -3.89 2.44	39.94 -4.25 0.72	44.99 -4.86 2.70	43.32 -5.35 9.79	56.32 -5.98 9.75	58.42 -5.74 6.42	69.23 -6.45 1.87	69.52 -6.55 2.60	50.98 -3.81 0.00	45.99 -3.01 0.00
SENECA___ENERGY 23797	38.84 -1.69 0.16	40.65 -1.77 0.38	43.73 -1.88 0.04	40.97 -1.71 0.00	39.06 -1.56 0.17	36.37 -1.39 0.32	66.02 -2.35 1.31	59.29 -2.05 0.47	40.00 -1.22 0.49	33.94 -1.01 0.00	37.94 -1.03 0.00	40.46 -1.06 0.00	40.27 -1.19 0.00	40.20 -1.31 -0.04	40.86 -1.44 0.35	43.25 -1.53 0.14	50.31 -1.72 0.52	54.77 -1.82 1.87	68.35 -2.21 1.49	68.46 -2.11 0.00	75.09 -2.45 0.00	75.52 -2.68 0.47	53.11 -1.69 0.00	47.49 -1.52 0.00
SHOEMAKER___GT 23640	41.85 1.15 0.00	43.86 1.06 0.00	46.86 1.21 0.00	43.77 1.08 0.00	41.80 1.01 0.00	39.00 0.93 0.00	71.52 1.84 0.00	63.87 1.64 -0.42	42.70 1.00 0.00	35.67 0.72 0.00	39.74 0.76 0.00	42.28 0.76 0.00	42.33 0.87 0.00	42.33 0.86 0.00	43.81 1.15 0.00	46.17 1.26 0.00	54.15 1.61 0.00	60.25 1.79 0.00	73.87 1.82 0.00	72.38 1.81 0.00	79.57 2.03 0.00	80.60 1.93 0.00	56.10 1.30 0.00	50.08 1.07 0.00
SHOEMAKR_138KV_BK 111 55601	41.82 1.13 0.00	43.84 1.04 0.00	46.84 1.19 0.00	43.74 1.06 0.00	41.78 0.99 0.00	38.97 0.90 0.00	71.46 1.78 0.00	63.82 1.60 -0.42	42.67 0.97 0.00	35.64 0.69 0.00	39.72 0.75 0.00	42.28 0.75 0.00	42.31 0.86 0.00	42.33 0.86 0.00	43.80 1.14 0.00	46.16 1.25 0.00	54.12 1.58 0.00	60.22 1.76 0.00	73.80 1.75 0.00	72.31 1.74 0.00	79.49 1.95 0.00	80.53 1.86 0.00	56.06 1.27 0.00	50.05 1.05 0.00
SHOREHAM_IC_1 23715	42.82 2.12 0.00	44.81 2.01 0.00	47.88 2.23 0.00	44.72 2.04 0.00	42.85 2.06 0.00	39.93 1.86 0.00	73.12 3.44 0.00	65.41 3.14 -0.46	43.40 1.69 0.00	35.85 0.90 0.00	40.35 1.37 0.00	42.77 1.25 0.00	42.87 1.42 0.00	43.04 1.57 0.00	44.87 2.21 0.00	47.76 2.85 0.00	56.16 3.62 0.00	62.37 3.91 0.00	76.51 4.45 0.00	75.11 4.54 0.00	82.61 5.07 0.00	83.65 4.99 0.00	58.20 3.40 0.00	51.81 2.80 0.00
SHOREHAM_IC_2 23716	42.82 2.12 0.00	44.81 2.01 0.00	47.88 2.23 0.00	44.72 2.04 0.00	42.85 2.06 0.00	39.93 1.86 0.00	73.12 3.44 0.00	65.41 3.14 -0.46	43.40 1.69 0.00	35.85 0.90 0.00	40.35 1.37 0.00	42.77 1.25 0.00	42.87 1.42 0.00	43.04 1.57 0.00	44.87 2.21 0.00	47.76 2.85 0.00	56.16 3.62 0.00	62.37 3.91 0.00	76.51 4.45 0.00	75.11 4.54 0.00	82.61 5.07 0.00	83.65 4.99 0.00	58.20 3.40 0.00	51.81 2.80 0.00
SISSONVILLE____ 23735	42.00 1.31 0.00	44.35 1.55 0.00	47.24 1.59 0.00	44.08 1.40 0.00	41.99 1.20 0.00	39.89 1.81 0.00	74.36 4.68 0.00	65.81 4.00 0.00	44.18 2.47 0.00	36.74 1.79 0.00	41.20 2.23 0.00	44.61 3.08 0.00	45.76 4.30 0.00	46.24 4.78 0.00	46.18 3.52 0.00	46.87 1.96 0.00	54.58 2.03 0.00	60.30 1.84 0.00	74.59 2.54 0.00	72.90 2.33 0.00	80.42 2.88 0.00	82.10 3.43 0.00	57.28 2.49 0.00	51.22 2.21 0.00
SITHE_IND_GS1 24169	38.84 -1.85 0.00	40.83 -1.97 0.00	43.51 -2.15 0.00	40.71 -1.98 0.00	38.97 -1.82 0.00	36.45 -1.62 0.00	66.54 -3.14 0.00	59.01 -2.80 0.00	39.93 -1.78 0.00	33.58 -1.37 0.00	37.42 -1.55 0.00	39.81 -1.72 0.00	39.67 -1.78 0.00	39.67 -1.79 0.00	40.78 -1.88 0.00	42.92 -2.00 0.00	50.23 -2.31 0.00	55.95 -2.51 0.00	68.94 -3.11 0.00	67.54 -3.03 0.00	74.15 -3.39 0.00	75.18 -3.49 0.00	52.40 -2.40 0.00	46.86 -2.15 0.00
SITHE_IND_GS2 24170	38.84 -1.85 0.00	40.83 -1.97 0.00	43.51 -2.15 0.00	40.71 -1.98 0.00	38.97 -1.82 0.00	36.45 -1.62 0.00	66.54 -3.14 0.00	59.01 -2.80 0.00	39.93 -1.78 0.00	33.58 -1.37 0.00	37.42 -1.55 0.00	39.81 -1.72 0.00	39.67 -1.78 0.00	39.67 -1.79 0.00	40.78 -1.88 0.00	42.92 -2.00 0.00	50.23 -2.31 0.00	55.95 -2.51 0.00	68.94 -3.11 0.00	67.54 -3.03 0.00	74.15 -3.39 0.00	75.18 -3.49 0.00	52.40 -2.40 0.00	46.86 -2.15 0.00
SITHE_IND_GS3 24171	38.84 -1.85 0.00	40.83 -1.97 0.00	43.51 -2.15 0.00	40.71 -1.98 0.00	38.97 -1.82 0.00	36.45 -1.62 0.00	66.54 -3.14 0.00	59.01 -2.80 0.00	39.93 -1.78 0.00	33.58 -1.37 0.00	37.42 -1.55 0.00	39.81 -1.72 0.00	39.67 -1.78 0.00	39.67 -1.79 0.00	40.78 -1.88 0.00	42.92 -2.00 0.00	50.23 -2.31 0.00	55.95 -2.51 0.00	68.94 -3.11 0.00	67.54 -3.03 0.00	74.15 -3.39 0.00	75.18 -3.49 0.00	52.40 -2.40 0.00	46.86 -2.15 0.00
SITHE_IND_GS4 24172	38.84 -1.85 0.00	40.83 -1.97 0.00	43.51 -2.15 0.00	40.71 -1.98 0.00	38.97 -1.82 0.00	36.45 -1.62 0.00	66.54 -3.14 0.00	59.01 -2.80 0.00	39.93 -1.78 0.00	33.58 -1.37 0.00	37.42 -1.55 0.00	39.81 -1.72 0.00	39.67 -1.78 0.00	39.67 -1.79 0.00	40.78 -1.88 0.00	42.92 -2.00 0.00	50.23 -2.31 0.00	55.95 -2.51 0.00	68.94 -3.11 0.00	67.54 -3.03 0.00	74.15 -3.39 0.00	75.18 -3.49 0.00	52.40 -2.40 0.00	46.86 -2.15 0.00

SITHE___BATAVIA 24024	36.38 -3.39 0.93	37.95 -3.29 1.57	41.78 -3.69 0.18	39.39 -3.29 0.00	36.82 -3.28 0.69	33.83 -2.93 1.32	59.34 -5.06 5.28	55.21 -4.79 1.81	36.94 -2.87 1.90	29.18 -2.25 3.52	36.87 -2.11 0.00	39.54 -1.98 0.00	38.96 -2.49 0.00	38.40 -2.91 0.15	37.68 -3.24 1.74	40.61 -3.77 0.54	46.51 -4.02 2.01	47.10 -4.08 7.28	60.47 -4.32 7.26	61.61 -4.18 4.78	71.11 -5.04 1.39	71.49 -5.25 1.93	51.72 -3.08 0.00	46.55 -2.46 0.00
SITHE___INDEPEND 23800	38.84 -1.85 0.00	40.83 -1.97 0.00	43.50 -2.15 0.00	40.71 -1.98 0.00	38.96 -1.83 0.00	36.45 -1.62 0.00	66.53 -3.15 0.00	59.01 -2.80 0.00	39.93 -1.78 0.00	33.58 -1.37 0.00	37.42 -1.55 0.00	39.81 -1.72 0.00	39.68 -1.77 0.00	39.68 -1.79 0.00	40.77 -1.89 0.00	42.91 -2.00 0.00	50.22 -2.32 0.00	55.95 -2.51 0.00	68.94 -3.11 0.00	67.54 -3.03 0.00	74.15 -3.39 0.00	75.18 -3.49 0.00	52.39 -2.41 0.00	46.85 -2.15 0.00
SITHE___MASSENA 23902	41.87 1.18 0.00	44.16 1.36 0.00	47.08 1.43 0.00	43.97 1.28 0.00	42.00 1.21 0.00	39.14 1.06 0.00	71.58 1.90 0.00	63.39 1.58 0.00	42.67 0.96 0.00	35.80 0.85 0.00	40.01 1.04 0.00	42.78 1.26 0.00	42.80 1.35 0.00	42.81 1.34 0.00	43.87 1.21 0.00	46.33 1.41 0.00	54.04 1.50 0.00	60.04 1.58 0.00	74.40 2.34 0.00	72.77 2.20 0.00	80.06 2.52 0.00	81.46 2.79 0.00	56.81 2.01 0.00	50.90 1.90 0.00
SITHE___OGDNSBRG 24021	42.77 2.07 0.00	45.12 2.32 0.00	48.08 2.43 0.00	44.90 2.22 0.00	42.84 2.05 0.00	40.35 2.27 0.00	74.63 4.95 0.00	66.01 4.20 0.00	44.14 2.43 0.00	36.73 1.78 0.00	41.19 2.22 0.00	44.27 2.75 0.00	44.87 3.42 0.00	45.12 3.65 0.00	45.66 3.00 0.00	47.40 2.49 0.00	55.33 2.79 0.00	61.53 3.07 0.00	76.39 4.34 0.00	74.74 4.17 0.00	82.18 4.65 0.00	83.66 4.99 0.00	58.28 3.48 0.00	52.16 3.16 0.00
SITHE___STERLING 23777	41.29 0.59 0.00	43.43 0.63 0.00	46.32 0.67 0.00	43.36 0.68 0.00	41.47 0.68 0.00	38.86 0.79 0.00	72.88 2.27 -0.93	63.95 1.95 -0.19	42.97 1.26 0.00	35.95 1.00 0.00	40.04 1.06 0.00	42.68 1.16 0.00	42.71 1.25 0.00	42.73 1.27 0.00	43.98 1.32 0.00	46.25 1.34 0.00	54.23 1.69 0.00	60.24 1.78 0.00	74.08 2.03 0.00	72.49 1.92 0.00	79.51 1.97 0.00	80.48 1.81 0.00	55.93 1.13 0.00	49.85 0.85 0.00
SLEIGHT__34_KV_TB1 80719	38.04 -2.32 0.34	39.80 -2.37 0.63	43.01 -2.58 0.07	40.36 -2.33 0.00	38.29 -2.22 0.28	35.55 -2.00 0.53	64.07 -3.45 2.16	58.04 -3.02 0.75	39.05 -1.87 0.79	33.50 -1.45 0.00	37.52 -1.45 0.00	40.03 -1.49 0.00	39.74 -1.72 0.00	39.61 -1.84 0.02	39.97 -2.03 0.66	42.47 -2.22 0.22	49.25 -2.47 0.82	52.86 -2.62 2.98	66.16 -2.97 2.92	65.76 -2.92 1.89	73.59 -3.40 0.55	74.30 -3.60 0.78	52.44 -2.35 0.00	46.95 -2.06 0.00
SOUTH CAIRO___GT 23612	43.49 2.80 0.00	45.67 2.86 0.00	48.72 3.07 0.00	45.58 2.89 0.00	43.54 2.76 0.00	40.57 2.50 0.00	74.45 4.77 0.00	67.71 4.27 -1.63	44.51 2.80 0.00	36.48 1.53 0.00	40.62 1.64 0.00	42.77 1.25 0.00	42.71 1.26 0.00	43.02 1.56 0.00	44.61 1.95 0.00	47.23 2.32 0.00	55.52 2.98 0.00	62.13 3.67 0.00	76.44 4.39 0.00	74.88 4.31 0.00	82.09 4.55 0.00	83.06 4.39 0.00	57.90 3.11 0.00	51.84 2.83 0.00
SOUTH HAMPTN___IC 23720	42.69 1.99 0.00	44.66 1.86 0.00	47.75 2.10 0.00	44.60 1.92 0.00	42.75 1.96 0.00	39.87 1.79 0.00	73.05 3.37 0.00	65.38 3.11 -0.46	43.35 1.64 0.00	35.77 0.82 0.00	40.32 1.34 0.00	42.77 1.25 0.00	42.86 1.41 0.00	42.96 1.50 0.00	44.81 2.15 0.00	47.66 2.75 0.00	55.99 3.44 0.00	62.18 3.72 0.00	76.30 4.25 0.00	74.91 4.34 0.00	82.51 4.97 0.00	83.53 4.86 0.00	58.05 3.26 0.00	51.60 2.60 0.00
SOUTHDOW_115KV_TB1 355954	36.46 -2.84 1.40	37.71 -2.67 2.42	42.52 -2.85 0.27	40.20 -2.49 0.00	37.37 -2.35 1.08	33.97 -2.07 2.04	57.93 -3.51 8.23	55.71 -3.27 2.82	36.88 -1.87 2.97	33.59 -1.36 0.00	37.79 -1.18 0.00	40.69 -0.83 0.00	39.70 -1.75 0.00	39.01 -2.27 0.19	37.61 -2.38 2.67	41.78 -2.29 0.83	46.94 -2.48 3.12	44.09 -3.02 11.35	57.17 -3.58 11.30	60.08 -3.05 7.44	72.30 -3.08 2.17	72.44 -3.22 3.01	53.21 -1.59 0.00	47.83 -1.18 0.00
SOUTHOLD_69_KV_BK 2 55809	42.27 1.58 0.00	44.25 1.45 0.00	47.34 1.68 0.00	44.20 1.52 0.00	42.39 1.60 0.00	39.57 1.50 0.00	72.58 2.90 0.00	65.02 2.75 -0.46	43.08 1.37 0.00	35.47 0.52 0.00	40.07 1.10 0.00	42.56 1.04 0.00	42.63 1.18 0.00	42.61 1.15 0.00	44.47 1.81 0.00	47.26 2.35 0.00	55.45 2.91 0.00	61.66 3.20 0.00	75.72 3.67 0.00	74.33 3.76 0.00	81.90 4.37 0.00	82.89 4.22 0.00	57.49 2.70 0.00	50.93 1.93 0.00
SOUTHOLD___IC 23719	42.27 1.58 0.00	44.24 1.44 0.00	47.33 1.68 0.00	44.20 1.52 0.00	42.39 1.60 0.00	39.57 1.50 0.00	72.57 2.89 0.00	65.02 2.75 -0.46	43.08 1.37 0.00	35.47 0.52 0.00	40.07 1.10 0.00	42.56 1.04 0.00	42.64 1.19 0.00	42.63 1.16 0.00	44.46 1.81 0.00	47.26 2.34 0.00	55.45 2.91 0.00	61.65 3.19 0.00	75.72 3.66 0.00	74.31 3.74 0.00	81.90 4.36 0.00	82.89 4.22 0.00	57.49 2.70 0.00	50.94 1.93 0.00
SOUTH_FORK_WT_PWR 323839	41.63 0.94 0.00	43.58 0.78 0.00	46.65 1.00 0.00	43.57 0.89 0.00	41.77 0.98 0.00	38.99 0.92 0.00	71.52 1.84 0.00	64.12 1.85 -0.46	42.48 0.77 0.00	34.95 0.00 0.00	39.60 0.63 0.00	42.11 0.59 0.00	42.20 0.75 0.00	42.08 0.62 0.00	43.89 1.24 0.00	46.59 1.68 0.00	54.60 2.06 0.00	60.66 2.21 0.00	74.51 2.46 0.00	73.17 2.60 0.00	80.96 3.42 0.00	81.97 3.30 0.00	56.78 1.98 0.00	50.19 1.19 0.00
SPIERFLS_115KV_TB 1 80737	44.23 3.54 0.00	46.66 3.86 0.00	49.87 4.22 0.00	46.77 4.09 0.00	44.77 3.98 0.00	41.76 3.69 0.00	77.04 7.35 0.00	73.14 6.66 -4.68	46.17 4.46 0.00	38.41 3.46 0.00	42.46 3.49 0.00	45.05 3.52 0.00	45.13 3.68 0.00	45.22 3.75 0.00	46.68 4.03 0.00	49.33 4.41 0.00	57.89 5.34 0.00	64.73 6.27 0.00	79.58 7.52 0.00	77.81 7.24 0.00	85.23 7.69 0.00	86.44 7.78 0.00	59.88 5.09 0.00	53.45 4.44 0.00
ST LAWRENCE____ 23600	41.18 0.49 0.00	43.42 0.62 0.00	46.29 0.64 0.00	43.25 0.56 0.00	41.31 0.52 0.00	38.58 0.50 0.00	70.64 0.96 0.00	62.62 0.81 0.00	42.17 0.46 0.00	35.39 0.44 0.00	39.54 0.57 0.00	42.24 0.72 0.00	42.22 0.77 0.00	42.22 0.76 0.00	43.21 0.56 0.00	45.51 0.61 0.00	53.12 0.58 0.00	59.07 0.61 0.00	73.19 1.14 0.00	71.58 1.01 0.00	78.73 1.19 0.00	80.05 1.38 0.00	55.79 1.00 0.00	50.00 1.00 0.00
STATE_CA_115KV_115_LB 55624	42.11 1.42 0.00	44.21 1.41 0.00	47.19 1.54 0.00	44.13 1.45 0.00	42.14 1.36 0.00	39.23 1.15 0.00	71.77 2.09 0.00	66.94 1.88 -3.25	42.94 1.23 0.00	35.83 0.88 0.00	39.76 0.78 0.00	42.24 0.71 0.00	42.22 0.76 0.00	42.27 0.80 0.00	43.60 0.94 0.00	45.74 0.83 0.00	53.64 1.10 0.00	59.76 1.30 0.00	73.36 1.30 0.00	71.87 1.30 0.00	78.93 1.39 0.00	80.01 1.34 0.00	55.77 0.97 0.00	50.04 1.04 0.00

STATE_ST_34_KV_LOAD 55959	40.27 -0.83 -0.41	42.63 -0.95 -0.77	44.81 -0.93 -0.09	41.86 -0.83 0.00	40.39 -0.74 -0.34	38.03 -0.69 -0.65	71.30 -1.00 -2.62	61.89 -0.79 -0.87	42.12 -0.51 -0.92	34.65 -0.31 0.00	38.69 -0.29 0.00	41.25 -0.28 0.00	41.02 -0.43 0.00	40.88 -0.63 -0.05	42.69 -0.75 -0.77	44.42 -0.75 -0.25	52.88 -0.61 -0.95	61.34 -0.58 -3.46	74.70 -0.94 -3.58	72.17 -0.91 -2.50	77.36 -0.91 -0.73	78.51 -1.11 -0.95	54.12 -0.67 0.00	48.21 -0.79 0.00
STATION_5_MISC_HYD 23604	37.08 -2.98 0.64	38.63 -2.98 1.20	42.21 -3.30 0.13	39.71 -2.97 0.00	37.37 -2.88 0.53	34.43 -2.64 1.01	60.84 -4.77 4.07	56.01 -4.40 1.40	37.56 -2.68 1.47	30.53 -2.08 2.35	36.93 -2.05 0.00	39.47 -2.05 0.00	39.08 -2.38 0.00	38.91 -2.53 0.03	38.59 -2.84 1.24	41.42 -3.09 0.41	47.50 -3.51 1.53	49.15 -3.74 5.57	62.34 -4.18 5.54	62.87 -4.06 3.65	71.80 -4.68 1.06	72.28 -4.91 1.47	51.73 -3.06 0.00	46.44 -2.56 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.95 -1.91 0.83	39.31 -1.93 1.56	43.35 -2.12 0.18	40.80 -1.88 0.00	38.31 -1.78 0.70	35.23 -1.53 1.31	61.77 -2.59 5.33	57.63 -2.35 1.83	38.47 -1.32 1.92	33.89 -1.06 0.00	37.96 -1.02 0.00	40.53 -1.00 0.00	40.24 -1.21 0.00	40.06 -1.37 0.04	39.50 -1.54 1.62	42.71 -1.67 0.53	48.68 -1.86 2.00	49.28 -1.90 7.27	62.77 -2.06 7.23	63.76 -2.01 4.80	73.64 -2.50 1.40	74.02 -2.73 1.92	53.09 -1.71 0.00	47.52 -1.48 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	37.02 -3.05 0.62	38.57 -3.07 1.17	42.12 -3.40 0.13	39.64 -3.04 0.00	37.32 -2.95 0.52	34.39 -2.71 0.98	60.81 -4.89 3.99	55.99 -4.45 1.37	37.53 -2.74 1.44	32.82 -2.13 0.00	36.85 -2.13 0.00	39.37 -2.15 0.00	39.01 -2.44 0.00	38.84 -2.59 0.03	38.57 -2.88 1.22	41.39 -3.12 0.40	47.46 -3.58 1.50	49.19 -3.81 5.45	62.36 -4.27 5.42	62.82 -4.19 3.57	71.71 -4.79 1.04	72.21 -5.02 1.44	51.59 -3.20 0.00	46.30 -2.70 0.00
STA_56___34_KV_BUS2 355983	37.02 -3.05 0.62	38.57 -3.07 1.17	42.12 -3.40 0.13	39.64 -3.04 0.00	37.32 -2.95 0.52	34.39 -2.71 0.98	60.81 -4.89 3.99	55.99 -4.45 1.37	37.53 -2.74 1.44	32.82 -2.13 0.00	36.85 -2.13 0.00	39.37 -2.15 0.00	39.01 -2.44 0.00	38.84 -2.59 0.03	38.57 -2.88 1.22	41.39 -3.12 0.40	47.46 -3.58 1.50	49.19 -3.81 5.45	62.36 -4.27 5.42	62.82 -4.19 3.57	71.71 -4.79 1.04	72.21 -5.02 1.44	51.59 -3.20 0.00	46.30 -2.70 0.00
STA_67___115KV_BK2 355882	36.99 -3.07 0.63	38.53 -3.08 1.19	42.11 -3.41 0.13	39.63 -3.05 0.00	37.29 -2.97 0.53	34.34 -2.73 1.00	60.67 -4.95 4.06	55.87 -4.55 1.40	37.46 -2.79 1.46	32.78 -2.17 0.00	36.84 -2.14 0.00	39.36 -2.16 0.00	38.97 -2.48 0.00	38.80 -2.63 0.03	38.48 -2.94 1.24	41.30 -3.20 0.41	47.36 -3.65 1.53	49.00 -3.91 5.56	62.17 -4.36 5.52	62.67 -4.26 3.64	71.60 -4.88 1.06	72.11 -5.09 1.47	51.59 -3.21 0.00	46.34 -2.67 0.00
STA_7___115KV_9TRANS 80674	37.27 -2.79 0.64	38.82 -2.79 1.20	42.40 -3.11 0.13	39.90 -2.78 0.00	37.55 -2.70 0.53	34.61 -2.46 1.01	61.19 -4.42 4.07	56.36 -4.05 1.40	37.79 -2.45 1.47	33.07 -1.89 0.00	37.16 -1.82 0.00	39.70 -1.82 0.00	39.32 -2.14 0.00	39.14 -2.30 0.03	38.82 -2.60 1.24	41.66 -2.85 0.41	47.80 -3.22 1.53	49.50 -3.39 5.57	62.81 -3.71 5.54	63.30 -3.63 3.65	72.27 -4.20 1.06	72.75 -4.45 1.47	52.01 -2.79 0.00	46.68 -2.32 0.00
STA_82___115KV_TB1 80780	36.97 -3.08 0.64	38.51 -3.08 1.21	42.09 -3.43 0.14	39.63 -3.05 0.00	37.28 -2.97 0.54	34.33 -2.73 1.02	60.61 -4.95 4.12	55.85 -4.54 1.42	37.44 -2.79 1.48	32.78 -2.17 0.00	36.84 -2.14 0.00	39.36 -2.16 0.00	38.98 -2.47 0.00	38.80 -2.63 0.03	38.47 -2.94 1.26	41.29 -3.21 0.41	47.34 -3.66 1.55	48.92 -3.91 5.63	62.10 -4.36 5.60	62.63 -4.25 3.69	71.59 -4.88 1.07	72.09 -5.09 1.49	51.59 -3.21 0.00	46.34 -2.67 0.00
STEEL___WIND 323596	35.22 -4.17 1.31	36.64 -4.07 2.10	40.96 -4.45 0.24	38.70 -3.98 0.00	35.95 -3.91 0.93	32.66 -3.65 1.76	55.99 -6.58 7.12	53.20 -6.17 2.44	35.34 -3.81 2.56	26.98 -2.95 5.03	36.10 -2.88 0.00	38.85 -2.67 0.00	38.21 -3.25 0.00	37.61 -3.58 0.28	36.25 -3.97 2.44	39.87 -4.33 0.72	44.91 -4.94 2.70	43.24 -5.44 9.79	56.17 -6.13 9.75	58.29 -5.86 6.42	69.12 -6.55 1.87	69.43 -6.65 2.60	50.94 -3.86 0.00	45.94 -3.07 0.00
STEPHTWN_115KV_BK_2 55603	42.30 1.60 0.00	44.29 1.49 0.00	47.28 1.62 0.00	44.21 1.52 0.00	42.26 1.48 0.00	39.37 1.29 0.00	72.10 2.42 0.00	66.17 2.11 -2.25	43.02 1.31 0.00	35.80 0.85 0.00	39.80 0.83 0.00	42.32 0.80 0.00	42.15 0.70 0.00	42.26 0.80 0.00	43.63 0.97 0.00	45.84 0.92 0.00	53.79 1.25 0.00	59.99 1.53 0.00	73.71 1.66 0.00	72.27 1.70 0.00	79.26 1.72 0.00	80.25 1.58 0.00	55.93 1.14 0.00	50.27 1.27 0.00
STEUBEN_REC_LFGE 323667	33.79 -3.73 3.17	32.45 -3.62 6.73	41.03 -3.86 0.76	39.52 -3.16 0.01	35.01 -2.78 3.00	29.88 -2.54 5.66	42.92 -3.85 22.91	50.72 -3.36 7.72	31.53 -1.94 8.24	33.51 -1.44 0.00	37.68 -1.29 0.00	40.28 -1.24 0.00	39.57 -1.89 0.00	38.95 -2.85 -0.34	32.89 -3.40 6.37	39.29 -3.33 2.29	40.12 -3.85 8.58	23.52 -3.79 31.16	36.29 -4.61 31.15	45.00 -4.68 20.89	65.92 -5.54 6.08	65.18 -5.23 8.26	52.02 -2.77 0.00	46.66 -2.34 0.00
STILLWATER___SOLAR 323814	43.35 2.66 0.00	45.58 2.78 0.00	48.67 3.02 0.00	45.59 2.91 0.00	43.59 2.80 0.00	40.65 2.57 0.00	74.71 5.02 0.00	70.91 4.49 -4.61	44.70 2.99 0.00	37.22 2.27 0.00	41.23 2.26 0.00	43.79 2.26 0.00	43.80 2.35 0.00	43.94 2.47 0.00	45.39 2.73 0.00	47.89 2.97 0.00	56.15 3.61 0.00	62.71 4.25 0.00	77.07 5.01 0.00	75.45 4.88 0.00	82.75 5.21 0.00	83.91 5.24 0.00	58.23 3.43 0.00	51.99 2.99 0.00
STONY___BROOK 24151	42.84 2.14 0.00	44.82 2.02 0.00	47.89 2.24 0.00	44.70 2.02 0.00	42.83 2.03 0.00	39.89 1.82 0.00	73.09 3.41 0.00	65.46 3.19 -0.46	43.47 1.76 0.00	35.96 1.01 0.00	40.47 1.49 0.00	42.91 1.39 0.00	42.99 1.54 0.00	43.21 1.74 0.00	44.97 2.31 0.00	47.90 2.99 0.00	56.29 3.75 0.00	62.47 4.01 0.00	76.58 4.53 0.00	75.16 4.59 0.00	82.67 5.13 0.00	83.68 5.01 0.00	58.20 3.40 0.00	51.83 2.83 0.00
STURGEON_POOL_HYD 23609	42.29 1.59 0.00	44.28 1.48 0.00	47.31 1.66 0.00	44.18 1.50 0.00	42.20 1.41 0.00	39.35 1.27 0.00	72.20 2.52 0.00	64.80 2.31 -0.68	43.15 1.44 0.00	36.04 1.09 0.00	40.18 1.21 0.00	42.71 1.19 0.00	42.72 1.27 0.00	42.77 1.30 0.00	44.30 1.64 0.00	46.70 1.79 0.00	54.77 2.22 0.00	60.95 2.49 0.00	74.71 2.65 0.00	73.21 2.64 0.00	80.45 2.91 0.00	81.50 2.83 0.00	56.69 1.89 0.00	50.54 1.54 0.00
ST_LAW_115_BK7_LBMP 345037	41.26 0.57 0.00	43.51 0.70 0.00	46.39 0.74 0.00	43.34 0.65 0.00	41.40 0.61 0.00	38.64 0.57 0.00	70.72 1.04 0.00	62.69 0.88 0.00	42.20 0.50 0.00	35.41 0.47 0.00	39.58 0.60 0.00	42.28 0.76 0.00	42.26 0.81 0.00	42.27 0.80 0.00	43.27 0.61 0.00	45.59 0.68 0.00	53.21 0.67 0.00	59.15 0.69 0.00	73.33 1.27 0.00	71.71 1.14 0.00	78.88 1.34 0.00	80.21 1.54 0.00	55.92 1.13 0.00	50.12 1.12 0.00

ST_LAW_115_BK8_LBMP 345038	41.26 0.57 0.00	43.51 0.70 0.00	46.39 0.74 0.00	43.34 0.65 0.00	41.40 0.61 0.00	38.64 0.57 0.00	70.72 1.04 0.00	62.69 0.88 0.00	42.20 0.50 0.00	35.41 0.47 0.00	39.58 0.60 0.00	42.28 0.76 0.00	42.26 0.81 0.00	42.27 0.80 0.00	43.27 0.61 0.00	45.59 0.68 0.00	53.21 0.67 0.00	59.15 0.69 0.00	73.33 1.27 0.00	71.71 1.14 0.00	78.88 1.34 0.00	80.21 1.54 0.00	55.92 1.13 0.00	50.12 1.12 0.00
ST_LAW_230_BK5_LBMP 345035	41.18 0.49 0.00	43.42 0.62 0.00	46.29 0.64 0.00	43.25 0.56 0.00	41.31 0.52 0.00	38.58 0.50 0.00	70.64 0.96 0.00	62.62 0.81 0.00	42.17 0.46 0.00	35.39 0.44 0.00	39.54 0.57 0.00	42.24 0.72 0.00	42.22 0.77 0.00	42.22 0.76 0.00	43.21 0.56 0.00	45.51 0.61 0.00	53.12 0.58 0.00	59.07 0.61 0.00	73.19 1.14 0.00	71.58 1.01 0.00	78.73 1.19 0.00	80.05 1.38 0.00	55.79 1.00 0.00	50.00 1.00 0.00
ST_LAW_230_BK6_LBMP 345036	41.18 0.49 0.00	43.42 0.62 0.00	46.29 0.64 0.00	43.25 0.56 0.00	41.31 0.52 0.00	38.58 0.50 0.00	70.64 0.96 0.00	62.62 0.81 0.00	42.17 0.46 0.00	35.39 0.44 0.00	39.54 0.57 0.00	42.24 0.72 0.00	42.22 0.77 0.00	42.22 0.76 0.00	43.21 0.56 0.00	45.51 0.61 0.00	53.12 0.58 0.00	59.07 0.61 0.00	73.19 1.14 0.00	71.58 1.01 0.00	78.73 1.19 0.00	80.05 1.38 0.00	55.79 1.00 0.00	50.00 1.00 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	41.93 1.24 0.00	43.93 1.13 0.00	46.97 1.32 0.00	43.85 1.17 0.00	41.88 1.09 0.00	39.06 0.99 0.00	71.67 1.99 0.00	64.01 1.77 -0.43	42.78 1.07 0.00	35.71 0.76 0.00	39.84 0.87 0.00	42.44 0.92 0.00	42.45 1.00 0.00	42.50 1.03 0.00	43.97 1.31 0.00	46.32 1.40 0.00	54.30 1.75 0.00	60.42 1.96 0.00	73.99 1.93 0.00	72.49 1.92 0.00	79.70 2.16 0.00	80.75 2.08 0.00	56.21 1.42 0.00	50.18 1.18 0.00
SWANROAD_115KV_TB1 355699	34.23 -5.36 1.10	35.73 -5.27 1.80	39.60 -5.84 0.20	37.42 -5.26 0.00	34.82 -5.19 0.78	31.73 -4.83 1.52	54.82 -8.87 5.99	51.41 -8.35 2.06	34.35 -5.20 2.16	30.85 -4.10 0.00	34.94 -4.04 0.00	37.51 -4.02 0.00	36.79 -4.66 0.00	36.29 -4.96 0.21	35.30 -5.33 2.02	38.24 -6.05 0.62	43.35 -6.89 2.31	42.61 -7.50 8.34	55.25 -8.45 8.36	56.74 -8.34 5.50	66.37 -9.57 1.60	66.76 -9.69 2.22	48.95 -5.85 0.00	44.25 -4.75 0.00
SYNERGY___BIOGAS 323694	36.38 -3.39 0.93	37.95 -3.29 1.57	41.78 -3.69 0.18	39.39 -3.29 0.00	36.82 -3.28 0.69	33.83 -2.93 1.32	59.34 -5.06 5.28	55.21 -4.79 1.81	36.94 -2.87 1.90	29.18 -2.25 3.52	36.87 -2.11 0.00	39.54 -1.98 0.00	38.96 -2.49 0.00	38.40 -2.91 0.15	37.68 -3.24 1.74	40.61 -3.77 0.54	46.51 -4.02 2.01	47.10 -4.08 7.28	60.47 -4.32 7.26	61.61 -4.18 4.78	71.11 -5.04 1.39	71.49 -5.25 1.93	51.72 -3.08 0.00	46.55 -2.46 0.00
SYRACUSE___ENERGY_ST1 323597	39.85 -0.84 0.00	41.89 -0.91 0.00	44.67 -0.98 0.00	41.79 -0.90 0.00	39.97 -0.82 0.00	37.41 -0.66 0.00	68.51 -1.17 0.00	60.85 -0.96 0.00	41.19 -0.52 0.00	34.56 -0.40 0.00	38.54 -0.43 0.00	41.05 -0.47 0.00	40.95 -0.50 0.00	40.92 -0.55 0.00	42.05 -0.60 0.00	44.30 -0.62 0.00	51.92 -0.63 0.00	57.72 -0.74 0.00	71.13 -0.92 0.00	69.71 -0.86 0.00	76.49 -1.04 0.00	77.52 -1.15 0.00	53.97 -0.82 0.00	48.19 -0.81 0.00
SYRACUSE___ENERGY_ST2 323598	39.85 -0.84 0.00	41.89 -0.91 0.00	44.67 -0.98 0.00	41.79 -0.90 0.00	39.97 -0.82 0.00	37.41 -0.66 0.00	68.51 -1.17 0.00	60.85 -0.96 0.00	41.19 -0.52 0.00	34.56 -0.40 0.00	38.54 -0.43 0.00	41.05 -0.47 0.00	40.95 -0.50 0.00	40.92 -0.55 0.00	42.05 -0.60 0.00	44.30 -0.62 0.00	51.92 -0.63 0.00	57.72 -0.74 0.00	71.13 -0.92 0.00	69.71 -0.86 0.00	76.49 -1.04 0.00	77.52 -1.15 0.00	53.97 -0.82 0.00	48.19 -0.81 0.00
SYRACUSE___POWER 24017	39.99 -0.98 -0.28	42.29 -1.05 -0.53	44.56 -1.15 -0.06	41.63 -1.05 0.00	40.06 -0.97 -0.24	37.72 -0.80 -0.45	70.05 -1.45 -1.82	61.24 -1.33 -0.76	41.72 -0.79 -0.80	34.32 -0.63 0.00	38.31 -0.67 0.00	40.80 -0.72 0.00	40.67 -0.78 0.00	40.66 -0.82 -0.02	42.45 -0.88 -0.67	44.19 -0.94 -0.22	52.34 -1.04 -0.83	60.40 -1.08 -3.02	73.36 -1.26 -2.56	71.13 -1.14 -1.69	76.67 -1.36 -0.49	77.89 -1.43 -0.65	53.77 -1.02 0.00	48.05 -0.96 0.00
TALLMAN___138KV_BK151 55660	42.00 1.31 0.00	43.98 1.17 0.00	47.03 1.38 0.00	43.90 1.22 0.00	41.93 1.14 0.00	39.12 1.05 0.00	71.76 2.08 0.00	64.07 1.82 -0.44	42.77 1.06 0.00	35.70 0.75 0.00	39.87 0.90 0.00	42.54 1.01 0.00	42.54 1.09 0.00	42.59 1.13 0.00	44.08 1.42 0.00	46.44 1.53 0.00	54.43 1.89 0.00	60.54 2.08 0.00	74.06 2.01 0.00	72.58 2.01 0.00	79.82 2.28 0.00	80.85 2.18 0.00	56.31 1.51 0.00	50.27 1.27 0.00
TEALLAVE_115KV_TB7 355573	39.46 -1.23 0.00	41.50 -1.31 0.00	44.21 -1.44 0.00	41.38 -1.31 0.00	39.57 -1.21 0.00	37.04 -1.03 0.00	67.74 -1.94 0.00	60.12 -1.69 0.00	40.71 -1.00 0.00	34.17 -0.78 0.00	38.12 -0.86 0.00	40.59 -0.93 0.00	40.46 -1.00 0.00	40.45 -1.02 0.00	41.57 -1.09 0.00	43.75 -1.16 0.00	51.24 -1.30 0.00	57.08 -1.38 0.00	70.36 -1.69 0.00	68.94 -1.63 0.00	75.66 -1.88 0.00	76.74 -1.93 0.00	53.43 -1.37 0.00	47.75 -1.25 0.00
TELGRAPH_34_KV_EAST 80808	35.29 -4.39 1.01	36.83 -4.30 1.68	40.69 -4.78 0.19	38.41 -4.27 0.00	35.84 -4.22 0.74	32.79 -3.88 1.41	57.06 -6.99 5.63	53.30 -6.58 1.93	35.65 -4.03 2.03	31.79 -3.16 0.00	35.95 -3.02 0.00	38.58 -2.95 0.00	37.92 -3.53 0.00	37.41 -3.87 0.18	36.55 -4.23 1.88	39.54 -4.80 0.57	45.04 -5.36 2.15	44.90 -5.78 7.78	57.93 -6.36 7.77	59.20 -6.26 5.11	68.80 -7.25 1.49	69.19 -7.41 2.07	50.37 -4.43 0.00	45.44 -3.57 0.00
TEMPLE___115KV_TB 2 55572	39.46 -1.23 0.00	41.49 -1.31 0.00	44.21 -1.44 0.00	41.37 -1.31 0.00	39.56 -1.22 0.00	37.04 -1.03 0.00	67.74 -1.94 0.00	60.12 -1.69 0.00	40.70 -1.01 0.00	34.16 -0.78 0.00	38.12 -0.86 0.00	40.58 -0.94 0.00	40.45 -1.00 0.00	40.43 -1.03 0.00	41.57 -1.10 0.00	43.74 -1.17 0.00	51.24 -1.31 0.00	57.07 -1.39 0.00	70.32 -1.73 0.00	68.93 -1.64 0.00	75.65 -1.89 0.00	76.72 -1.95 0.00	53.43 -1.37 0.00	47.75 -1.25 0.00
TIANA____69_KV_BK 1 55817	42.81 2.11 0.00	44.79 1.99 0.00	47.87 2.22 0.00	44.72 2.04 0.00	42.86 2.07 0.00	39.96 1.88 0.00	73.21 3.53 0.00	65.51 3.24 -0.46	43.44 1.73 0.00	35.86 0.91 0.00	40.39 1.41 0.00	42.82 1.30 0.00	42.89 1.44 0.00	43.03 1.57 0.00	44.91 2.25 0.00	47.77 2.85 0.00	56.15 3.60 0.00	62.37 3.90 0.00	76.52 4.47 0.00	75.13 4.56 0.00	82.69 5.15 0.00	83.71 5.04 0.00	58.20 3.41 0.00	51.76 2.76 0.00
TILDEN___115KV_TB1 80814	39.99 -0.98 -0.28	42.29 -1.05 -0.53	44.56 -1.15 -0.06	41.63 -1.05 0.00	40.06 -0.97 -0.24	37.72 -0.80 -0.45	70.05 -1.45 -1.82	61.24 -1.33 -0.76	41.72 -0.79 -0.80	34.32 -0.63 0.00	38.31 -0.67 0.00	40.80 -0.72 0.00	40.67 -0.78 0.00	40.66 -0.82 -0.02	42.45 -0.88 -0.67	44.19 -0.94 -0.22	52.34 -1.04 -0.83	60.40 -1.08 -3.02	73.36 -1.26 -2.56	71.13 -1.14 -1.69	76.67 -1.36 -0.49	77.89 -1.43 -0.65	53.77 -1.02 0.00	48.05 -0.96 0.00

TRIGEN___CC 323695	42.52 1.82 0.00	44.52 1.72 0.00	47.56 1.91 0.00	44.38 1.70 0.00	42.44 1.65 0.00	39.55 1.48 0.00	72.56 2.88 0.00	64.96 2.69 -0.46	43.21 1.50 0.00	35.93 0.98 0.00	40.34 1.36 0.00	42.88 1.36 0.00	42.86 1.41 0.00	43.00 1.53 0.00	44.69 2.03 0.00	47.33 2.42 0.00	55.53 2.98 0.00	61.58 3.12 0.00	75.41 3.36 0.00	73.93 3.36 0.00	81.25 3.71 0.00	82.28 3.62 0.00	57.29 2.49 0.00	51.14 2.14 0.00
TRINITY___115KV___4 BK 55933	42.05 1.36 0.00	44.14 1.33 0.00	47.12 1.47 0.00	44.08 1.40 0.00	42.08 1.30 0.00	39.16 1.09 0.00	71.63 1.95 0.00	66.14 1.74 -2.59	42.85 1.14 0.00	35.77 0.82 0.00	39.68 0.71 0.00	42.13 0.61 0.00	42.11 0.66 0.00	42.17 0.70 0.00	43.49 0.83 0.00	45.65 0.74 0.00	53.53 0.98 0.00	59.65 1.19 0.00	73.21 1.16 0.00	71.71 1.14 0.00	78.73 1.19 0.00	79.85 1.18 0.00	55.64 0.85 0.00	49.92 0.92 0.00
UNION___PROCESSING_DRP 323587	36.98 -3.07 0.64	38.52 -3.07 1.21	42.10 -3.41 0.14	39.63 -3.05 0.00	37.28 -2.97 0.54	34.33 -2.73 1.02	60.62 -4.94 4.12	55.85 -4.54 1.42	37.44 -2.79 1.49	32.79 -2.16 0.00	36.84 -2.14 0.00	39.37 -2.16 0.00	38.98 -2.47 0.00	38.80 -2.63 0.03	38.47 -2.94 1.26	41.29 -3.20 0.41	47.34 -3.65 1.55	48.94 -3.89 5.64	62.10 -4.35 5.60	62.64 -4.24 3.69	71.59 -4.87 1.08	72.09 -5.09 1.49	51.59 -3.20 0.00	46.34 -2.67 0.00
UPPER HUDSON___HYD 24058	44.23 3.54 0.00	46.66 3.86 0.00	49.86 4.21 0.00	46.77 4.09 0.00	44.77 3.98 0.00	41.76 3.69 0.00	77.04 7.35 0.00	73.14 6.65 -4.68	46.17 4.46 0.00	38.41 3.46 0.00	42.46 3.49 0.00	45.04 3.52 0.00	45.14 3.68 0.00	45.22 3.76 0.00	46.68 4.03 0.00	49.32 4.41 0.00	57.89 5.34 0.00	64.73 6.27 0.00	79.58 7.52 0.00	77.82 7.24 0.00	85.23 7.69 0.00	86.45 7.78 0.00	59.89 5.09 0.00	53.44 4.44 0.00
UPPER RAQUET___HYD 24056	42.01 1.31 0.00	44.35 1.55 0.00	47.25 1.60 0.00	44.08 1.40 0.00	41.99 1.20 0.00	39.89 1.81 0.00	74.36 4.68 0.00	65.81 4.00 0.00	44.18 2.47 0.00	36.74 1.79 0.00	41.20 2.23 0.00	44.61 3.08 0.00	45.76 4.30 0.00	46.24 4.78 0.00	46.18 3.52 0.00	46.87 1.96 0.00	54.58 2.03 0.00	60.30 1.84 0.00	74.60 2.54 0.00	72.89 2.32 0.00	80.42 2.88 0.00	82.10 3.43 0.00	57.29 2.49 0.00	51.22 2.21 0.00
VALLEY44_115KV_TB2 355964	36.56 -2.72 1.41	37.75 -2.56 2.49	42.57 -2.80 0.28	40.14 -2.54 0.00	37.21 -2.47 1.11	33.51 -2.47 2.10	56.32 -4.90 8.47	54.30 -4.60 2.90	35.88 -2.78 3.05	32.73 -2.22 0.00	37.09 -1.88 0.00	39.72 -1.81 0.00	39.30 -2.15 0.00	38.97 -2.33 0.16	37.42 -2.52 2.72	41.27 -2.78 0.86	46.09 -3.22 3.23	42.76 -3.98 11.72	55.72 -4.66 11.67	58.28 -4.60 7.69	70.10 -5.20 2.24	70.60 -4.96 3.11	52.17 -2.63 0.00	46.94 -2.06 0.00
VALLEY___115KV_TB 1-4 80826	41.20 0.51 0.00	43.26 0.45 0.00	46.16 0.52 0.00	43.26 0.57 0.00	41.40 0.61 0.00	38.63 0.55 0.00	70.68 1.00 0.00	62.84 1.03 0.00	42.27 0.56 0.00	35.17 0.23 0.00	39.06 0.09 0.00	41.57 0.05 0.00	41.57 0.12 0.00	41.67 0.20 0.00	43.11 0.45 0.00	45.46 0.55 0.00	53.31 0.76 0.00	59.41 0.95 0.00	72.95 0.90 0.00	71.38 0.81 0.00	78.16 0.62 0.00	79.15 0.49 0.00	54.87 0.07 0.00	49.09 0.09 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	42.29 1.59 0.00	44.50 1.70 0.00	47.53 1.88 0.00	44.42 1.74 0.00	42.49 1.70 0.00	39.65 1.58 0.00	72.81 3.13 0.00	65.20 2.73 -0.67	43.54 1.83 0.00	36.32 1.37 0.00	40.59 1.61 0.00	43.21 1.68 0.00	43.06 1.61 0.00	43.09 1.63 0.00	44.42 1.76 0.00	46.80 1.89 0.00	54.85 2.31 0.00	60.99 2.53 0.00	74.98 2.92 0.00	73.46 2.89 0.00	80.64 3.10 0.00	81.67 3.00 0.00	56.87 2.07 0.00	50.77 1.76 0.00
VISCHER___FERRY HYD 24020	42.62 1.93 0.00	44.72 1.92 0.00	47.74 2.09 0.00	44.69 2.01 0.00	42.72 1.93 0.00	39.77 1.69 0.00	72.87 3.19 0.00	68.73 2.87 -4.05	43.60 1.89 0.00	36.41 1.46 0.00	40.39 1.42 0.00	42.90 1.37 0.00	42.85 1.39 0.00	42.93 1.46 0.00	44.34 1.68 0.00	46.72 1.81 0.00	54.74 2.20 0.00	61.07 2.61 0.00	74.99 2.93 0.00	73.45 2.87 0.00	80.68 3.14 0.00	81.85 3.18 0.00	56.88 2.09 0.00	50.81 1.81 0.00
V_A_10_SYNC_DSASP 323832	35.32 -4.49 0.88	36.86 -4.46 1.48	40.58 -4.91 0.17	38.27 -4.41 0.00	35.79 -4.35 0.66	32.77 -4.07 1.24	57.12 -7.51 5.06	53.07 -7.00 1.74	35.53 -4.36 1.82	27.75 -3.45 3.75	35.54 -3.43 0.00	38.08 -3.45 0.00	37.54 -3.91 0.00	37.24 -4.08 0.15	36.52 -4.46 1.67	39.53 -4.87 0.51	44.98 -5.66 1.89	45.36 -6.22 6.88	58.09 -7.13 6.84	59.18 -6.89 4.50	68.47 -7.76 1.31	68.92 -7.93 1.82	49.92 -4.87 0.00	45.02 -3.99 0.00
V_CMM_10_SYNC_DSASP 323787	41.46 0.77 0.00	43.72 0.92 0.00	46.62 0.96 0.00	43.55 0.86 0.00	41.60 0.81 0.00	38.83 0.76 0.00	71.13 1.45 0.00	63.25 1.44 0.00	42.42 0.71 0.00	35.59 0.64 0.00	39.77 0.80 0.00	42.50 0.97 0.00	42.48 1.03 0.00	42.48 1.01 0.00	43.45 0.79 0.00	45.71 0.80 0.00	53.42 0.88 0.00	59.43 0.97 0.00	73.67 1.62 0.00	71.99 1.42 0.00	79.19 1.65 0.00	80.58 1.91 0.00	56.18 1.38 0.00	50.35 1.35 0.00
V_CMP_10_SYNC_DSASP 323788	40.98 0.29 0.00	43.30 0.49 0.00	46.46 0.81 0.00	43.08 0.40 0.00	41.36 0.57 0.00	38.86 0.79 0.00	72.11 2.43 0.00	64.01 2.21 0.00	43.34 1.63 0.00	36.53 1.58 0.00	40.53 1.56 0.00	43.52 1.99 0.00	43.52 2.07 0.00	43.52 2.05 0.00	44.76 2.10 0.00	47.25 2.33 0.00	55.02 2.47 0.00	60.60 2.14 0.00	74.53 2.48 0.00	72.46 1.89 0.00	80.42 2.88 0.00	81.66 2.99 0.00	56.65 1.86 0.00	51.19 2.19 0.00
V_D_10_SYNC_DSASP 323841	41.86 1.17 0.00	44.15 1.35 0.00	47.06 1.41 0.00	43.96 1.28 0.00	41.98 1.19 0.00	39.13 1.06 0.00	71.57 1.88 0.00	63.38 1.58 0.00	42.67 0.96 0.00	35.80 0.85 0.00	40.01 1.04 0.00	42.77 1.25 0.00	42.79 1.33 0.00	42.81 1.34 0.00	43.86 1.20 0.00	46.30 1.39 0.00	54.03 1.49 0.00	60.02 1.56 0.00	74.39 2.34 0.00	72.74 2.17 0.00	80.05 2.51 0.00	81.43 2.76 0.00	56.78 1.99 0.00	50.89 1.88 0.00
V_E_10_SYNC_DSASP 323830	42.91 0.53 -1.69	46.93 1.01 -3.11	47.47 1.47 -0.35	44.37 1.69 0.00	43.91 1.74 -1.39	42.63 1.94 -2.62	84.87 4.58 -10.60	70.27 4.52 -3.94	48.21 2.68 -3.82	38.20 2.32 -0.93	41.70 2.72 0.00	44.28 2.76 0.00	44.25 2.79 0.00	44.65 3.07 -0.12	48.88 2.96 -3.26	48.96 2.99 -1.06	60.31 3.80 -3.97	77.27 4.39 -14.42	91.95 5.33 -14.57	85.52 4.65 -10.30	85.09 4.55 -3.00	86.63 4.14 -3.82	57.46 2.66 0.00	51.26 2.26 0.00
V_F_30_NSYNC___DSASP 323816	43.40 2.71 0.00	45.63 2.83 0.00	48.72 3.07 0.00	45.63 2.94 0.00	43.63 2.84 0.00	40.68 2.61 0.00	74.78 5.10 0.00	71.07 4.57 -4.69	44.75 3.04 0.00	37.27 2.32 0.00	41.31 2.34 0.00	43.87 2.35 0.00	43.89 2.43 0.00	44.01 2.54 0.00	45.44 2.79 0.00	47.94 3.02 0.00	56.23 3.69 0.00	62.79 4.33 0.00	77.16 5.10 0.00	75.57 4.99 0.00	82.85 5.31 0.00	84.00 5.33 0.00	58.31 3.51 0.00	52.05 3.05 0.00

V_F_30_SYNC_DSASP 323786	42.11 1.42 0.00	44.21 1.41 0.00	47.19 1.54 0.00	44.13 1.45 0.00	42.14 1.36 0.00	39.23 1.15 0.00	71.78 2.09 0.00	66.88 1.88 -3.19	42.94 1.23 0.00	35.83 0.88 0.00	39.76 0.78 0.00	42.24 0.72 0.00	42.22 0.76 0.00	42.27 0.81 0.00	43.60 0.94 0.00	45.74 0.83 0.00	53.65 1.10 0.00	59.77 1.31 0.00	73.36 1.30 0.00	71.87 1.30 0.00	78.93 1.39 0.00	80.03 1.36 0.00	55.77 0.97 0.00	50.05 1.05 0.00
V_XM_10_SYNC_DSASP 323789	40.98 0.29 0.00	43.30 0.49 0.00	46.46 0.81 0.00	43.08 0.40 0.00	41.36 0.57 0.00	38.86 0.79 0.00	72.11 2.43 0.00	64.01 2.21 0.00	43.34 1.63 0.00	36.53 1.58 0.00	40.53 1.56 0.00	43.52 1.99 0.00	43.52 2.07 0.00	43.52 2.05 0.00	44.76 2.10 0.00	47.25 2.33 0.00	55.02 2.47 0.00	60.60 2.14 0.00	74.53 2.48 0.00	72.46 1.89 0.00	80.42 2.88 0.00	81.66 2.99 0.00	56.65 1.86 0.00	51.19 2.19 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	42.18 1.48 0.00	44.15 1.35 0.00	47.21 1.56 0.00	44.07 1.39 0.00	42.10 1.31 0.00	39.27 1.20 0.00	72.04 2.36 0.00	64.34 2.09 -0.44	42.96 1.24 0.00	35.81 0.86 0.00	39.99 1.01 0.00	42.66 1.14 0.00	42.69 1.24 0.00	42.73 1.26 0.00	44.24 1.58 0.00	46.60 1.69 0.00	54.64 2.09 0.00	60.77 2.31 0.00	74.35 2.29 0.00	72.85 2.28 0.00	80.11 2.58 0.00	81.14 2.47 0.00	56.49 1.69 0.00	50.44 1.43 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	42.27 1.58 0.00	44.20 1.40 0.00	47.30 1.65 0.00	44.16 1.48 0.00	42.15 1.36 0.00	39.33 1.25 0.00	72.25 2.57 0.00	64.63 2.36 -0.46	43.21 1.50 0.00	36.06 1.11 0.00	40.35 1.37 0.00	42.96 1.44 0.00	42.91 1.46 0.00	42.97 1.50 0.00	44.51 1.85 0.00	46.91 2.00 0.00	54.96 2.42 0.00	61.10 2.64 0.00	74.69 2.63 0.00	73.11 2.54 0.00	80.39 2.85 0.00	81.40 2.73 0.00	56.67 1.87 0.00	50.60 1.59 0.00
W50THST__13_KV_LOAD 356117	42.40 1.71 0.00	44.34 1.54 0.00	47.45 1.80 0.00	44.31 1.62 0.00	42.30 1.51 0.00	39.48 1.41 0.00	72.56 2.88 0.00	64.95 2.68 -0.46	43.47 1.76 0.00	36.28 1.33 0.00	40.57 1.60 0.00	43.20 1.67 0.00	43.13 1.68 0.00	43.18 1.71 0.00	44.73 2.07 0.00	47.13 2.22 0.00	55.22 2.68 0.00	61.39 2.94 0.00	75.03 2.97 0.00	73.41 2.84 0.00	80.76 3.22 0.00	81.74 3.07 0.00	56.85 2.05 0.00	50.75 1.74 0.00
WADING RIVER_IC_1 23522	43.08 2.39 0.00	45.06 2.26 0.00	48.15 2.50 0.00	44.70 2.02 0.00	42.83 2.04 0.00	39.91 1.84 0.00	73.19 3.50 0.00	65.79 3.52 -0.46	43.69 1.98 0.00	36.18 1.23 0.00	40.70 1.73 0.00	43.12 1.60 0.00	43.22 1.77 0.00	43.43 1.96 0.00	45.23 2.57 0.00	48.16 3.25 0.00	56.62 4.08 0.00	62.87 4.41 0.00	77.17 5.11 0.00	75.73 5.16 0.00	83.30 5.76 0.00	84.32 5.65 0.00	58.62 3.83 0.00	52.18 3.18 0.00
WADING RIVER_IC_2 23547	43.08 2.39 0.00	45.06 2.26 0.00	48.15 2.50 0.00	44.70 2.02 0.00	42.83 2.04 0.00	39.91 1.84 0.00	73.19 3.50 0.00	65.79 3.52 -0.46	43.69 1.98 0.00	36.18 1.23 0.00	40.70 1.73 0.00	43.12 1.60 0.00	43.22 1.77 0.00	43.43 1.96 0.00	45.23 2.57 0.00	48.16 3.25 0.00	56.62 4.08 0.00	62.87 4.41 0.00	77.17 5.11 0.00	75.73 5.16 0.00	83.30 5.76 0.00	84.32 5.65 0.00	58.62 3.83 0.00	52.18 3.18 0.00
WADING RIVER_IC_3 23601	43.08 2.39 0.00	45.06 2.26 0.00	48.15 2.50 0.00	44.70 2.02 0.00	42.83 2.04 0.00	39.91 1.84 0.00	73.19 3.50 0.00	65.79 3.52 -0.46	43.69 1.98 0.00	36.18 1.23 0.00	40.70 1.73 0.00	43.12 1.60 0.00	43.22 1.77 0.00	43.43 1.96 0.00	45.23 2.57 0.00	48.16 3.25 0.00	56.62 4.08 0.00	62.87 4.41 0.00	77.17 5.11 0.00	75.73 5.16 0.00	83.30 5.76 0.00	84.32 5.65 0.00	58.62 3.83 0.00	52.18 3.18 0.00
WALDENNY_12_KV_BK2 80841	35.28 -4.13 1.29	36.71 -4.03 2.07	40.99 -4.43 0.23	38.73 -3.95 0.00	35.98 -3.89 0.91	32.71 -3.63 1.74	56.14 -6.54 6.99	53.29 -6.12 2.40	35.43 -3.76 2.52	32.05 -2.90 0.00	36.19 -2.79 0.00	38.92 -2.61 0.00	38.25 -3.21 0.00	37.68 -3.52 0.27	36.36 -3.91 2.40	39.92 -4.28 0.71	44.98 -4.91 2.65	43.45 -5.37 9.63	56.47 -5.98 9.60	58.48 -5.77 6.32	69.17 -6.53 1.84	69.46 -6.65 2.55	50.91 -3.89 0.00	45.92 -3.09 0.00
WALDEN__HYDRO 24148	42.21 1.52 0.00	44.21 1.41 0.00	47.25 1.60 0.00	44.12 1.44 0.00	42.14 1.35 0.00	39.32 1.24 0.00	72.15 2.47 0.00	64.48 2.22 -0.46	43.08 1.36 0.00	35.94 0.99 0.00	40.06 1.09 0.00	42.65 1.13 0.00	42.68 1.23 0.00	42.71 1.24 0.00	44.24 1.58 0.00	46.62 1.71 0.00	54.67 2.12 0.00	60.87 2.41 0.00	74.57 2.52 0.00	73.07 2.50 0.00	80.30 2.76 0.00	81.32 2.65 0.00	56.59 1.79 0.00	50.49 1.49 0.00
WARRENSBURG____ 23737	44.23 3.54 0.00	46.66 3.86 0.00	49.86 4.21 0.00	46.77 4.09 0.00	44.77 3.98 0.00	41.76 3.69 0.00	77.04 7.35 0.00	73.14 6.65 -4.68	46.17 4.46 0.00	38.41 3.46 0.00	42.46 3.49 0.00	45.04 3.52 0.00	45.14 3.68 0.00	45.22 3.76 0.00	46.68 4.03 0.00	49.32 4.41 0.00	57.89 5.34 0.00	64.73 6.27 0.00	79.58 7.52 0.00	77.82 7.24 0.00	85.23 7.69 0.00	86.45 7.78 0.00	59.89 5.09 0.00	53.44 4.44 0.00
WATERSIDE____6 8 9 23538	37.83 1.67 4.54	40.16 1.50 4.14	43.91 1.75 3.50	40.21 1.58 4.05	37.80 1.47 4.45	34.37 1.35 5.05	71.89 2.71 0.50	64.54 2.51 -0.21	38.85 1.63 4.49	26.20 1.23 9.98	36.17 1.56 4.36	40.39 1.60 2.73	34.95 1.63 8.14	39.84 1.67 3.29	40.27 2.03 4.42	44.53 2.18 2.57	54.37 2.62 0.79	61.14 2.81 0.14	74.88 2.82 0.00	73.30 2.73 0.00	80.30 3.02 0.26	73.57 2.93 8.03	44.08 2.08 12.80	41.39 1.82 9.43
WATKINRD_115KV_LN8_ILLION 55919	41.10 0.41 0.00	43.17 0.37 0.00	46.06 0.41 0.00	43.11 0.43 0.00	41.24 0.45 0.00	38.48 0.40 0.00	70.40 0.72 0.00	62.55 0.74 0.00	42.13 0.42 0.00	35.10 0.15 0.00	39.01 0.04 0.00	41.53 0.01 0.00	41.53 0.08 0.00	41.61 0.14 0.00	42.99 0.33 0.00	45.29 0.38 0.00	53.09 0.55 0.00	59.16 0.70 0.00	72.70 0.64 0.00	71.16 0.59 0.00	78.04 0.50 0.00	79.09 0.43 0.00	54.92 0.12 0.00	49.09 0.09 0.00
WATSON____69_KV_BK 1 55734	43.22 2.53 0.00	45.23 2.43 0.00	48.34 2.68 0.00	45.09 2.41 0.00	43.20 2.41 0.00	40.23 2.16 0.00	73.81 4.13 0.00	66.13 3.85 -0.46	43.88 2.17 0.00	36.29 1.35 0.00	40.84 1.86 0.00	43.30 1.78 0.00	43.34 1.88 0.00	43.53 2.06 0.00	45.36 2.70 0.00	48.31 3.40 0.00	56.77 4.22 0.00	62.92 4.46 0.00	77.13 5.08 0.00	75.73 5.16 0.00	83.30 5.76 0.00	84.34 5.68 0.00	58.67 3.88 0.00	52.25 3.25 0.00
WDELAWARE__HYD 323627	41.65 0.96 0.00	43.63 0.83 0.00	46.61 0.96 0.00	43.53 0.85 0.00	41.59 0.80 0.00	38.84 0.77 0.00	71.35 1.67 0.00	63.78 1.49 -0.48	42.60 0.89 0.00	35.57 0.62 0.00	39.46 0.49 0.00	41.90 0.38 0.00	42.00 0.55 0.00	42.07 0.61 0.00	43.61 0.95 0.00	45.93 1.02 0.00	53.96 1.41 0.00	60.10 1.65 0.00	73.77 1.71 0.00	72.31 1.74 0.00	79.42 1.88 0.00	80.45 1.78 0.00	55.94 1.14 0.00	49.84 0.84 0.00

WEST BABYLON___IC 23714	43.05 2.36 0.00	45.06 2.26 0.00	48.16 2.51 0.00	44.93 2.25 0.00	43.02 2.23 0.00	40.05 1.98 0.00	73.48 3.80 0.00	65.86 3.59 -0.46	43.71 2.00 0.00	36.19 1.24 0.00	40.69 1.71 0.00	43.16 1.64 0.00	43.17 1.72 0.00	43.35 1.88 0.00	45.18 2.53 0.00	48.07 3.16 0.00	56.46 3.92 0.00	62.58 4.12 0.00	76.71 4.65 0.00	75.28 4.70 0.00	82.81 5.27 0.00	83.86 5.19 0.00	58.34 3.54 0.00	51.98 2.98 0.00
WEST CANADA___HYD 24049	40.81 0.12 0.00	42.93 0.13 0.00	45.77 0.12 0.00	42.80 0.12 0.00	40.91 0.12 0.00	38.18 0.10 0.00	69.83 0.15 0.00	61.98 0.17 0.00	41.82 0.11 0.00	34.99 0.04 0.00	39.01 0.04 0.00	41.54 0.02 0.00	41.50 0.05 0.00	41.53 0.06 0.00	42.80 0.14 0.00	45.05 0.13 0.00	52.78 0.23 0.00	58.74 0.28 0.00	72.25 0.19 0.00	70.74 0.17 0.00	77.69 0.15 0.00	78.80 0.13 0.00	54.84 0.04 0.00	48.99 -0.02 0.00
WESTERN_NY_WIND 24143	36.27 -3.47 0.96	37.82 -3.38 1.60	41.67 -3.80 0.18	39.31 -3.37 0.00	36.73 -3.35 0.70	33.73 -3.00 1.35	59.05 -5.24 5.39	55.05 -4.91 1.85	36.81 -2.96 1.94	32.63 -2.32 0.00	36.80 -2.18 0.00	39.47 -2.05 0.00	38.89 -2.56 0.00	38.31 -3.00 0.16	37.55 -3.33 1.79	40.51 -3.86 0.55	46.35 -4.14 2.05	46.84 -4.19 7.44	60.24 -4.39 7.42	61.36 -4.33 4.89	70.92 -5.20 1.42	71.28 -5.41 1.97	51.60 -3.20 0.00	46.46 -2.54 0.00
WESTOVER___LESR 323668	39.10 -1.02 0.57	40.68 -1.05 1.07	44.46 -1.07 0.12	41.66 -1.02 0.00	39.38 -0.94 0.48	36.32 -0.85 0.90	64.55 -1.50 3.64	59.53 -1.24 1.04	39.64 -0.76 1.31	34.29 -0.66 0.00	38.39 -0.59 0.00	41.00 -0.53 0.00	40.75 -0.71 0.00	40.67 -0.78 0.03	40.77 -0.80 1.10	43.70 -0.85 0.36	50.18 -1.01 1.35	52.44 -1.10 4.92	65.93 -1.47 4.65	67.02 -1.33 2.22	75.33 -1.57 0.64	75.67 -1.69 1.30	53.72 -1.07 0.00	48.02 -0.98 0.00
WETHRSFD_WT_PWR 323626	34.07 -4.48 2.14	35.61 -4.38 2.81	40.70 -4.64 0.32	38.59 -4.10 0.00	35.62 -3.92 1.25	32.08 -3.64 2.36	53.56 -6.57 9.55	52.56 -5.97 3.27	34.64 -3.63 3.44	30.19 -2.89 1.87	36.07 -2.91 0.00	38.75 -2.78 0.00	38.16 -3.29 0.00	36.73 -3.89 0.84	34.50 -4.35 3.81	39.31 -4.64 0.96	43.63 -5.32 3.59	39.72 -5.71 13.03	52.48 -6.60 12.98	55.93 -6.07 8.57	68.24 -6.80 2.49	68.36 -6.86 3.45	50.78 -4.01 0.00	45.76 -3.24 0.00
WHAVSTOR_138KV_BK127 55557	41.99 1.29 0.00	43.95 1.15 0.00	47.01 1.36 0.00	43.88 1.20 0.00	41.91 1.12 0.00	39.08 1.01 0.00	71.68 2.00 0.00	63.97 1.72 -0.44	42.69 0.99 0.00	35.63 0.68 0.00	39.81 0.84 0.00	42.47 0.94 0.00	42.48 1.03 0.00	42.53 1.06 0.00	44.03 1.37 0.00	46.38 1.47 0.00	54.36 1.81 0.00	60.45 1.99 0.00	73.94 1.89 0.00	72.46 1.89 0.00	79.67 2.13 0.00	80.72 2.05 0.00	56.21 1.41 0.00	50.20 1.20 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	41.99 1.29 0.00	43.95 1.15 0.00	47.01 1.36 0.00	43.88 1.20 0.00	41.91 1.12 0.00	39.08 1.01 0.00	71.68 2.00 0.00	63.97 1.72 -0.44	42.69 0.99 0.00	35.63 0.68 0.00	39.81 0.84 0.00	42.47 0.94 0.00	42.48 1.03 0.00	42.53 1.06 0.00	44.03 1.37 0.00	46.38 1.47 0.00	54.36 1.81 0.00	60.45 1.99 0.00	73.94 1.89 0.00	72.46 1.89 0.00	79.67 2.13 0.00	80.72 2.05 0.00	56.21 1.41 0.00	50.20 1.20 0.00
WHITEHAL_115KV_TB1 80871	44.60 3.91 0.00	47.27 4.46 0.00	50.63 4.98 0.00	47.66 4.98 0.00	45.73 4.94 0.00	42.55 4.47 0.00	78.81 9.13 0.00	74.63 8.17 -4.65	47.30 5.59 0.00	39.40 4.45 0.00	43.54 4.57 0.00	46.06 4.53 0.00	46.24 4.78 0.00	46.16 4.70 0.00	47.65 4.99 0.00	50.53 5.62 0.00	59.43 6.88 0.00	66.65 8.19 0.00	81.94 9.88 0.00	79.99 9.42 0.00	87.51 9.97 0.00	88.56 9.89 0.00	61.19 6.40 0.00	54.55 5.54 0.00
WHITEPLN_13_KV_LOAD 356215	42.62 1.92 0.00	44.60 1.79 0.00	47.67 2.02 0.00	44.49 1.81 0.00	42.49 1.70 0.00	39.66 1.59 0.00	72.86 3.18 0.00	65.17 2.90 -0.46	43.54 1.83 0.00	36.32 1.37 0.00	40.59 1.61 0.00	43.24 1.72 0.00	43.22 1.77 0.00	43.25 1.78 0.00	44.82 2.16 0.00	47.26 2.34 0.00	55.39 2.84 0.00	61.65 3.18 0.00	75.44 3.38 0.00	73.86 3.29 0.00	81.14 3.60 0.00	82.17 3.50 0.00	57.17 2.38 0.00	51.01 2.00 0.00
WM_FLOYD_69_KV_BK2 356380	42.88 2.18 0.00	44.86 2.05 0.00	47.93 2.28 0.00	44.76 2.08 0.00	42.89 2.10 0.00	39.97 1.89 0.00	73.19 3.51 0.00	65.51 3.24 -0.46	43.46 1.75 0.00	35.90 0.95 0.00	40.40 1.42 0.00	42.83 1.31 0.00	42.90 1.45 0.00	43.10 1.63 0.00	44.96 2.30 0.00	47.87 2.95 0.00	56.26 3.72 0.00	62.48 4.03 0.00	76.64 4.59 0.00	75.24 4.67 0.00	82.73 5.19 0.00	83.77 5.10 0.00	58.29 3.49 0.00	51.90 2.90 0.00
WOODARD___115KV_TB2 355635	39.54 -1.15 0.00	41.58 -1.22 0.00	44.31 -1.34 0.00	41.45 -1.23 0.00	39.64 -1.14 0.00	37.12 -0.96 0.00	67.89 -1.79 0.00	60.29 -1.52 0.00	40.81 -0.90 0.00	34.26 -0.70 0.00	38.21 -0.77 0.00	40.68 -0.84 0.00	40.58 -0.88 0.00	40.57 -0.90 0.00	41.70 -0.96 0.00	43.91 -1.01 0.00	51.42 -1.12 0.00	57.23 -1.23 0.00	70.53 -1.53 0.00	69.08 -1.49 0.00	75.84 -1.70 0.00	76.88 -1.79 0.00	53.54 -1.25 0.00	47.81 -1.19 0.00
YORK___WARBASSE 23770	65.28 1.95 -22.64	65.24 1.79 -20.64	65.14 2.06 -17.43	64.73 1.85 -20.19	64.75 1.74 -22.22	64.92 1.62 -25.22	75.31 3.13 -2.49	66.36 2.87 -1.69	66.05 1.93 -22.41	86.23 1.49 -49.79	64.73 1.84 -23.91	59.90 1.91 -16.47	84.00 1.96 -40.59	59.88 1.99 -16.43	67.08 2.35 -22.07	60.22 2.52 -12.79	59.53 3.00 -3.98	62.44 3.23 -0.75	75.40 3.34 -0.01	73.80 3.22 -0.01	82.34 3.51 -1.30	122.21 3.48 -40.06	121.13 2.50 -63.83	98.24 2.20 -47.04