

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

03/26/2025

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	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	39.71	37.55	37.95	42.25	43.30	39.24	60.70	72.27	93.76	33.34	30.37	31.62	35.51	40.50	39.18	36.65	37.63	40.08	46.76	79.03	123.40	45.45	37.20	37.10
24138	1.47	1.39	1.30	1.35	1.40	1.46	2.76	3.89	4.70	1.79	1.76	1.75	1.96	2.35	2.36	2.26	2.45	2.50	2.93	4.78	6.88	2.57	2.03	1.76
	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_1	39.72	37.59	38.02	42.34	43.39	39.30	60.72	72.25	93.62	33.30	30.30	31.53	35.45	40.41	39.08	36.58	37.57	40.05	46.73	78.98	123.41	45.43	37.18	37.12
24260	1.47	1.43	1.38	1.44	1.48	1.52	2.78	3.87	4.56	1.75	1.69	1.67	1.90	2.25	2.26	2.19	2.39	2.47	2.91	4.73	6.88	2.55	2.01	1.78
	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	39.72	37.59	38.02	42.34	43.39	39.30	60.72	72.25	93.62	33.30	30.30	31.53	35.45	40.41	39.08	36.58	37.57	40.05	46.73	78.98	123.41	45.43	37.18	37.12
24261	1.47	1.43	1.38	1.44	1.48	1.52	2.78	3.87	4.56	1.75	1.69	1.67	1.90	2.25	2.26	2.19	2.39	2.47	2.91	4.73	6.88	2.55	2.01	1.78
	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
ADK HUDSON___FALLS	39.38	37.27	37.78	42.26	43.28	39.19	60.54	71.18	92.27	32.19	29.04	30.39	34.11	38.91	37.66	35.42	36.29	39.05	45.71	77.69	121.57	44.62	36.45	36.46
24011	1.14	1.11	1.14	1.37	1.37	1.40	2.60	2.80	3.21	0.64	0.43	0.52	0.56	0.76	0.84	1.03	1.11	1.48	1.89	3.43	5.04	1.75	1.28	1.12
	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
ADK RESOURCE___RCVRY	39.48	37.36	37.88	42.42	43.43	39.36	60.99	71.58	92.82	32.28	29.11	30.46	34.15	38.95	37.68	35.55	36.47	39.29	45.96	78.22	122.45	44.88	36.59	36.57
23798	1.24	1.20	1.24	1.52	1.52	1.58	3.05	3.20	3.76	0.73	0.49	0.59	0.61	0.80	0.86	1.16	1.29	1.71	2.14	3.97	5.92	2.00	1.42	1.24
	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
ADK S GLENS___FALLS	39.38	37.27	37.78	42.26	43.28	39.19	60.54	71.18	92.27	32.19	29.04	30.39	34.11	38.91	37.66	35.42	36.29	39.05	45.71	77.69	121.57	44.62	36.45	36.46
24028	1.14	1.11	1.14	1.37	1.37	1.40	2.60	2.80	3.21	0.64	0.43	0.52	0.56	0.76	0.84	1.03	1.11	1.48	1.89	3.43	5.04	1.75	1.28	1.12
	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
ADK_NYS___DAM	39.49	37.38	37.90	42.32	43.32	39.13	59.95	70.60	91.93	32.35	29.22	30.66	34.44	39.38	38.02	35.71	36.47	39.08	45.50	77.06	120.37	44.40	36.31	36.33
23527	1.24	1.22	1.27	1.43	1.41	1.35	2.01	2.22	2.87	0.80	0.60	0.80	0.89	1.22	1.20	1.32	1.29	1.50	1.68	2.80	3.84	1.53	1.14	1.00
	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	0.00
AIR_PRODUCTS___DRP	38.34	36.34	36.76	41.02	41.99	37.80	57.97	68.46	88.84	31.57	28.59	29.84	33.53	38.55	37.19	34.69	35.49	37.95	44.23	74.76	116.99	43.13	35.36	35.33
24190	0.09	0.18	0.12	0.12	0.08	0.02	0.03	0.09	-0.22	0.02	-0.03	-0.02	-0.02	0.39	0.36	0.30	0.31	0.37	0.41	0.51	0.46	0.26	0.19	-0.01
	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
AKWESSNE_115KV_BK	38.55	36.22	36.71	41.21	42.28	38.18	32.16	69.21	90.42	31.95	28.91	30.16	33.76	38.36	36.98	34.58	35.34	37.74	43.91	74.51	117.22	43.11	35.33	35.61
355683	0.30	0.06	0.07	0.31	0.37	0.40	0.83	0.83	1.36	0.40	0.30	0.29	0.21	0.21	0.16	0.19	0.16	0.16	0.10	0.26	0.69	0.23	0.16	0.27
	0.00	0.00	0.00	0.00	0.00	0.00	26.61	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	39.13	37.09	37.56	41.90	42.92	38.67	59.30	69.83	90.14	31.64	28.63	29.90	33.95	38.85	37.62	35.10	35.85	38.41	44.96	76.25	119.43	44.01	36.05	36.07
323833	0.89	0.93	0.92	1.00	1.01	0.89	1.36	1.45	1.08	0.09	0.01	0.04	0.40	0.69	0.80	0.71	0.67	0.83	1.14	2.00	2.90	1.13	0.88	0.73
	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_2_SOLAR	39.12	37.08	37.56	41.89	42.92	38.67	59.29	69.82	90.14	31.64	28.62	29.90	33.94	38.84	37.62	35.10	35.84	38.40	44.94	76.23	119.40	43.99	36.04	36.06
323834	0.88	0.92	0.92	0.99	1.01	0.89	1.35	1.44	1.08	0.09	0.01	0.04	0.39	0.69	0.80	0.71	0.66	0.83	1.12	1.97	2.87	1.12	0.87	0.72
	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	38.34	36.34	36.76	41.02	41.99	37.80	57.97	68.46	88.84	31.57	28.59	29.84	33.53	38.55	37.19	34.69	35.49	37.95	44.23	74.76	116.99	43.13	35.36	35.33
23571	0.09	0.18	0.12	0.12	0.08	0.02	0.03	0.09	-0.22	0.02	-0.03	-0.02	-0.02	0.39	0.36	0.30	0.31	0.37	0.41	0.51	0.46	0.26	0.19	-0.01
	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___2 23572	38.34 0.09 0.00	36.34 0.18 0.00	36.76 0.12 0.00	41.02 0.12 0.00	41.99 0.08 0.00	37.80 0.02 0.00	57.97 0.03 0.00	68.46 0.09 0.00	88.84 -0.22 0.00	31.57 0.02 0.00	28.59 -0.03 0.00	29.84 -0.02 0.00	33.53 -0.02 0.00	38.55 0.39 0.00	37.19 0.36 0.00	34.69 0.30 0.00	35.49 0.31 0.00	37.95 0.37 0.00	44.23 0.41 0.00	74.76 0.51 0.00	116.99 0.46 0.00	43.13 0.26 0.00	35.36 0.19 0.00	35.33 -0.01 0.00
ALBANY___3 23573	38.34 0.09 0.00	36.34 0.18 0.00	36.76 0.12 0.00	41.02 0.12 0.00	41.99 0.08 0.00	37.80 0.02 0.00	57.97 0.03 0.00	68.46 0.09 0.00	88.84 -0.22 0.00	31.57 0.02 0.00	28.59 -0.03 0.00	29.84 -0.02 0.00	33.53 -0.02 0.00	38.55 0.39 0.00	37.19 0.36 0.00	34.69 0.30 0.00	35.49 0.31 0.00	37.95 0.37 0.00	44.23 0.41 0.00	74.76 0.51 0.00	116.99 0.46 0.00	43.13 0.26 0.00	35.36 0.19 0.00	35.33 -0.01 0.00
ALBANY___4 23574	38.34 0.09 0.00	36.34 0.18 0.00	36.76 0.12 0.00	41.02 0.12 0.00	41.99 0.08 0.00	37.80 0.02 0.00	57.97 0.03 0.00	68.46 0.09 0.00	88.84 -0.22 0.00	31.57 0.02 0.00	28.59 -0.03 0.00	29.84 -0.02 0.00	33.53 -0.02 0.00	38.55 0.39 0.00	37.19 0.36 0.00	34.69 0.30 0.00	35.49 0.31 0.00	37.95 0.37 0.00	44.23 0.41 0.00	74.76 0.51 0.00	116.99 0.46 0.00	43.13 0.26 0.00	35.36 0.19 0.00	35.33 -0.01 0.00
ALBANY___LFGE 323615	38.74 0.50 0.00	36.70 0.54 0.00	37.15 0.50 0.00	41.44 0.55 0.00	42.43 0.52 0.00	38.24 0.46 0.00	58.68 0.74 0.00	69.27 0.89 0.00	89.89 0.82 0.00	31.88 0.33 0.00	28.86 0.25 0.00	30.12 0.26 0.00	33.89 0.34 0.00	38.92 0.77 0.00	37.56 0.74 0.00	35.07 0.68 0.00	35.87 0.69 0.00	38.36 0.79 0.00	44.72 0.90 0.00	75.69 1.44 0.00	118.39 1.86 0.00	43.62 0.75 0.00	35.74 0.57 0.00	35.71 0.37 0.00
ALCOA_PA_115KV_PL-6C 55860	38.73 0.48 0.00	36.37 0.21 0.00	36.88 0.24 0.00	41.40 0.51 0.00	42.50 0.59 0.00	38.41 0.62 0.00	309.26 1.24 -250.08	69.67 1.29 -0.01	91.05 1.99 0.00	32.10 0.56 0.00	29.01 0.39 0.00	30.22 0.35 0.00	33.82 0.27 0.00	38.40 0.24 0.00	37.02 0.20 0.00	34.65 0.26 0.00	35.45 0.28 0.00	37.88 0.30 0.00	44.08 0.26 0.00	74.92 0.67 0.00	117.94 1.41 0.00	43.34 0.46 0.00	35.52 0.35 0.00	35.79 0.46 0.00
ALCOA_RYNLDS___DRP 24188	38.73 0.48 0.00	36.37 0.21 0.00	36.88 0.24 0.00	41.40 0.51 0.00	42.50 0.59 0.00	38.41 0.62 0.00	309.26 1.24 -250.08	69.67 1.29 -0.01	91.05 1.99 0.00	32.10 0.56 0.00	29.01 0.39 0.00	30.22 0.35 0.00	33.82 0.27 0.00	38.40 0.24 0.00	37.02 0.20 0.00	34.65 0.26 0.00	35.45 0.28 0.00	37.88 0.30 0.00	44.08 0.26 0.00	74.92 0.67 0.00	117.94 1.41 0.00	43.34 0.46 0.00	35.52 0.35 0.00	35.79 0.46 0.00
ALCOA___DSASP 323711	38.73 0.48 0.00	36.37 0.21 0.00	36.88 0.24 0.00	41.40 0.51 0.00	42.50 0.59 0.00	38.41 0.62 0.00	309.26 1.23 -250.08	69.67 1.29 -0.01	91.05 1.99 0.00	32.10 0.55 0.00	29.01 0.39 0.00	30.22 0.35 0.00	33.82 0.27 0.00	38.40 0.24 0.00	37.02 0.20 0.00	34.65 0.26 0.00	35.46 0.27 0.00	37.88 0.30 0.00	44.08 0.26 0.00	74.92 0.66 0.00	117.94 1.41 0.00	43.34 0.46 0.00	35.52 0.35 0.00	35.79 0.46 0.00
ALLEGHENY___COGEN 23514	39.50 1.26 0.00	37.32 1.15 0.00	37.78 1.14 0.00	41.95 1.05 0.00	43.15 1.24 0.00	39.12 1.34 0.00	59.54 1.60 0.00	70.10 1.72 0.00	91.61 2.55 0.00	32.04 0.50 0.00	28.81 0.20 0.00	29.65 -0.21 0.00	41.69 -0.44 -8.58	43.25 -1.07 -6.17	37.74 -2.24 -3.15	33.62 -2.37 -1.60	35.34 -2.11 -2.27	58.40 -2.57 -23.39	59.92 -2.29 -18.38	71.70 -2.57 -0.01	113.77 -2.76 0.00	42.55 -0.32 0.00	35.22 0.05 0.00	35.54 0.20 0.00
ALTAMONT_115KV_TB 2 55880	38.82 0.58 0.00	36.79 0.63 0.00	37.24 0.60 0.00	41.54 0.65 0.00	42.55 0.64 0.00	38.36 0.58 0.00	58.88 0.94 0.00	69.52 1.15 0.00	90.18 1.12 0.00	31.90 0.36 0.00	28.90 0.29 0.00	30.19 0.32 0.00	33.97 0.42 0.00	38.81 0.65 0.00	37.49 0.67 0.00	35.03 0.64 0.00	35.87 0.69 0.00	38.35 0.77 0.00	44.78 0.96 0.00	75.80 1.54 0.00	118.71 2.18 0.00	43.74 0.86 0.00	35.83 0.67 0.00	35.87 0.53 0.00
ALTONA_WT_PWR 323606	38.31 0.06 0.00	35.93 -0.23 0.00	36.58 -0.06 0.00	41.65 0.75 0.00	43.08 1.17 0.00	39.10 1.32 0.00	165.28 2.48 -104.86	70.17 1.79 0.00	92.26 3.20 0.00	32.36 0.82 0.00	28.91 0.30 0.00	30.02 0.16 0.00	33.45 -0.10 0.00	38.02 -0.14 0.00	36.63 -0.18 0.00	34.51 0.12 0.00	35.30 0.12 0.00	37.86 0.28 0.00	44.12 0.30 0.00	74.38 0.13 0.00	116.70 0.17 0.00	42.95 0.07 0.00	35.18 0.01 0.00	35.58 0.24 0.00
AMERICAN_REF_FUEL 24010	36.99 -1.25 0.00	34.91 -1.25 0.00	35.37 -1.27 0.00	38.99 -1.91 0.00	39.99 -1.92 0.00	36.24 -1.54 0.00	53.77 -4.17 0.00	62.70 -5.68 0.00	82.77 -6.29 0.00	29.37 -2.17 0.00	26.85 -1.76 0.00	27.95 -1.92 0.00	29.56 -2.05 1.94	34.22 -2.56 1.38	33.40 -2.72 0.70	31.41 -2.63 0.36	31.71 -2.96 0.51	28.62 -3.75 5.21	35.54 -4.19 4.10	67.17 -7.09 0.00	106.73 -9.80 0.00	38.96 -3.92 0.00	32.48 -2.69 0.00	33.12 -2.21 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	38.80 0.55 0.00	36.69 0.53 0.00	37.15 0.50 0.00	41.23 0.33 0.00	42.07 0.16 0.00	38.02 0.24 0.00	57.42 -0.52 0.00	67.18 -1.20 0.00	88.58 -0.48 0.00	30.97 -0.58 0.00	27.89 -0.72 0.00	28.78 -1.08 0.00	31.83 -1.03 0.69	36.38 -1.29 0.48	34.79 -1.73 0.30	32.40 -1.84 0.16	32.93 -2.03 0.22	33.15 -2.17 2.26	39.63 -2.41 1.78	70.81 -3.44 0.00	112.26 -4.27 0.00	41.21 -1.66 0.00	34.34 -0.83 0.00	34.89 -0.44 0.00
ARTHUR KILL_GT_1 23520	57.21 1.47 -17.49	55.89 1.46 -18.26	55.36 1.46 -17.26	55.37 1.55 -12.93	55.38 1.56 -11.91	56.00 1.55 -16.66	62.24 2.65 -1.65	79.10 3.74 -6.98	109.29 4.30 -15.92	62.42 1.56 -29.32	57.39 1.53 -27.25	53.80 1.46 -22.48	56.39 1.80 -21.04	58.54 2.18 -18.21	64.43 2.16 -25.45	57.30 2.08 -20.82	61.99 2.20 -24.61	57.13 2.32 -17.23	58.85 2.83 -12.19	89.03 4.54 -10.24	134.50 6.55 -11.42	98.24 2.58 -52.78	62.46 2.08 -25.21	57.50 1.90 -20.26
ARTHUR_KILL_2 23512	57.11 1.37 -17.49	55.79 1.37 -18.26	55.26 1.35 -17.26	55.26 1.44 -12.93	55.26 1.44 -11.91	55.90 1.45 -16.66	62.07 2.48 -1.65	78.88 3.52 -6.98	109.03 4.04 -15.92	62.33 1.47 -29.32	57.32 1.46 -27.25	53.73 1.38 -22.48	56.32 1.73 -21.04	58.45 2.09 -18.21	64.33 2.06 -25.45	57.23 2.01 -20.82	61.91 2.12 -24.61	57.03 2.22 -17.23	58.72 2.71 -12.19	88.79 4.30 -10.24	134.13 6.18 -11.42	98.10 2.45 -52.78	62.36 1.98 -25.21	57.40 1.80 -20.26
ARTHUR_KILL_3 23513	56.71 0.97 -17.49	55.39 0.96 -18.27	54.80 0.89 -17.27	54.73 0.90 -12.94	54.76 0.93 -11.92	55.49 1.04 -16.67	61.67 2.07 -1.66	77.83 2.96 -6.49	94.01 3.31 -1.63	61.80 1.30 -28.95	53.87 1.27 -23.99	70.38 1.23 -39.28	55.97 1.39 -21.03	58.04 1.69 -18.20	64.00 1.73 -25.44	56.41 1.69 -20.33	61.69 1.89 -24.61	56.74 1.94 -17.22	58.28 2.27 -12.19	88.20 3.71 -10.23	125.55 5.26 -3.76	93.99 2.01 -49.11	61.96 1.59 -25.21	56.96 1.36 -20.26

ARTHUR_KILL_COGEN 323718	57.21 1.47 -17.49	55.89 1.46 -18.26	55.36 1.46 -17.26	55.37 1.55 -12.93	55.38 1.56 -11.91	56.00 1.55 -16.66	62.24 2.65 -1.65	79.10 3.74 -6.98	109.29 4.30 -15.92	62.42 1.56 -29.32	57.39 1.53 -27.25	53.80 1.46 -22.48	56.39 1.80 -21.04	58.54 2.18 -18.21	64.43 2.16 -25.45	57.30 2.08 -20.82	61.99 2.20 -24.61	57.13 2.32 -17.23	58.85 2.83 -12.19	89.03 4.54 -10.24	134.50 6.55 -11.42	98.24 2.58 -52.78	62.46 2.08 -25.21	57.50 1.90 -20.26
ASHOKAN____ 23654	39.85 1.61 0.00	37.77 1.61 0.00	38.20 1.56 0.00	42.63 1.73 0.00	43.71 1.80 0.00	39.53 1.75 0.00	60.95 3.01 0.00	72.32 3.94 0.00	93.67 4.61 0.00	32.97 1.42 0.00	29.61 0.99 0.00	30.75 0.88 0.00	34.80 1.24 0.00	40.16 2.01 0.00	38.52 1.70 0.00	36.10 1.71 0.00	37.02 1.84 0.00	39.81 2.24 0.00	46.42 2.60 0.00	78.86 4.61 0.00	123.52 7.00 0.00	45.42 2.55 0.00	37.13 1.96 0.00	37.06 1.72 0.00
ASTORIA_EAST_ENERGY_CC1 323581	39.30 1.05 0.00	37.23 1.07 0.00	37.64 1.01 0.01	41.90 1.01 0.01	42.94 1.04 0.00	38.90 1.12 0.00	60.15 2.22 0.01	71.54 3.16 0.00	92.73 3.65 -0.01	33.00 1.46 0.01	30.04 1.43 0.00	31.28 1.42 0.00	35.16 1.60 -0.01	40.03 1.88 0.01	38.71 1.89 0.00	36.25 1.86 0.00	37.26 2.08 0.00	39.70 2.12 0.01	46.30 2.48 0.01	78.10 3.85 0.01	122.10 5.57 0.00	45.09 2.21 0.00	37.00 1.82 0.00	36.88 1.54 0.00
ASTORIA_EAST_ENERGY_CC2 323582	39.30 1.05 0.00	37.24 1.08 0.00	37.65 1.01 0.01	41.90 1.01 0.01	42.94 1.04 0.00	38.90 1.12 0.00	60.15 2.22 0.01	71.54 3.16 0.00	92.73 3.65 -0.01	33.00 1.46 0.01	30.04 1.43 0.00	31.28 1.42 0.00	35.16 1.60 -0.01	40.03 1.88 0.01	38.71 1.89 0.00	36.25 1.86 0.00	37.26 2.08 0.00	39.70 2.12 0.01	46.29 2.48 0.01	78.10 3.85 0.01	122.10 5.57 0.00	45.09 2.21 0.00	37.00 1.82 0.00	36.87 1.54 0.00
ASTORIA_GT2_1 24094	39.32 1.08 0.00	37.26 1.09 0.00	37.67 1.03 0.00	41.93 1.03 0.00	42.97 1.06 0.00	38.92 1.14 0.00	60.17 2.24 0.00	71.59 3.21 0.00	92.71 3.64 -0.01	33.01 1.47 0.01	30.06 1.46 0.00	31.29 1.42 0.00	35.17 1.61 -0.01	40.05 1.90 0.01	38.75 1.93 0.00	36.26 1.87 0.00	37.28 2.10 0.00	39.73 2.16 0.01	46.33 2.52 0.01	78.17 3.92 0.00	122.18 5.65 0.00	45.10 2.22 0.00	37.00 1.82 0.00	36.89 1.56 0.00
ASTORIA_GT2_2 24095	39.32 1.08 0.00	37.26 1.09 0.00	37.67 1.03 0.00	41.93 1.03 0.00	42.97 1.06 0.00	38.92 1.14 0.00	60.17 2.24 0.00	71.59 3.21 0.00	92.71 3.64 -0.01	33.01 1.47 0.01	30.06 1.46 0.00	31.29 1.42 0.00	35.17 1.61 -0.01	40.05 1.90 0.01	38.75 1.93 0.00	36.26 1.87 0.00	37.28 2.10 0.00	39.73 2.16 0.01	46.33 2.52 0.01	78.17 3.92 0.00	122.18 5.65 0.00	45.10 2.22 0.00	37.00 1.82 0.00	36.89 1.56 0.00
ASTORIA_GT2_3 24096	39.32 1.08 0.00	37.26 1.09 0.00	37.67 1.03 0.00	41.93 1.03 0.00	42.97 1.06 0.00	38.92 1.14 0.00	60.17 2.24 0.00	71.59 3.21 0.00	92.71 3.64 -0.01	33.01 1.47 0.01	30.06 1.46 0.00	31.29 1.42 0.00	35.17 1.61 -0.01	40.05 1.90 0.01	38.75 1.93 0.00	36.26 1.87 0.00	37.28 2.10 0.00	39.73 2.16 0.01	46.33 2.52 0.01	78.17 3.92 0.00	122.18 5.65 0.00	45.10 2.22 0.00	37.00 1.82 0.00	36.89 1.56 0.00
ASTORIA_GT2_4 24097	39.32 1.08 0.00	37.26 1.09 0.00	37.67 1.03 0.00	41.93 1.03 0.00	42.97 1.06 0.00	38.92 1.14 0.00	60.17 2.24 0.00	71.59 3.21 0.00	92.71 3.64 -0.01	33.01 1.47 0.01	30.06 1.46 0.00	31.29 1.42 0.00	35.17 1.61 -0.01	40.05 1.90 0.01	38.75 1.93 0.00	36.26 1.87 0.00	37.28 2.10 0.00	39.73 2.16 0.01	46.33 2.52 0.01	78.17 3.92 0.00	122.18 5.65 0.00	45.10 2.22 0.00	37.00 1.82 0.00	36.89 1.56 0.00
ASTORIA_GT3_1 24098	39.32 1.08 0.00	37.26 1.09 0.00	37.67 1.03 0.00	41.93 1.03 0.00	42.97 1.06 0.00	38.92 1.14 0.00	60.17 2.24 0.00	71.59 3.21 0.00	92.71 3.64 -0.01	33.01 1.47 0.01	30.06 1.46 0.00	31.29 1.42 0.00	35.17 1.61 -0.01	40.05 1.90 0.01	38.75 1.93 0.00	36.26 1.87 0.00	37.28 2.10 0.00	39.73 2.16 0.01	46.33 2.52 0.01	78.17 3.92 0.00	122.18 5.65 0.00	45.10 2.22 0.00	37.00 1.82 0.00	36.89 1.56 0.00
ASTORIA_GT3_2 24099	39.32 1.08 0.00	37.26 1.09 0.00	37.67 1.03 0.00	41.93 1.03 0.00	42.97 1.06 0.00	38.92 1.14 0.00	60.17 2.24 0.00	71.59 3.21 0.00	92.71 3.64 -0.01	33.01 1.47 0.01	30.06 1.46 0.00	31.29 1.42 0.00	35.17 1.61 -0.01	40.05 1.90 0.01	38.75 1.93 0.00	36.26 1.87 0.00	37.28 2.10 0.00	39.73 2.16 0.01	46.33 2.52 0.01	78.17 3.92 0.00	122.18 5.65 0.00	45.10 2.22 0.00	37.00 1.82 0.00	36.89 1.56 0.00
ASTORIA_GT3_3 24100	39.32 1.08 0.00	37.26 1.09 0.00	37.67 1.03 0.00	41.93 1.03 0.00	42.97 1.06 0.00	38.92 1.14 0.00	60.17 2.24 0.00	71.59 3.21 0.00	92.71 3.64 -0.01	33.01 1.47 0.01	30.06 1.46 0.00	31.29 1.42 0.00	35.17 1.61 -0.01	40.05 1.90 0.01	38.75 1.93 0.00	36.26 1.87 0.00	37.28 2.10 0.00	39.73 2.16 0.01	46.33 2.52 0.01	78.17 3.92 0.00	122.18 5.65 0.00	45.10 2.22 0.00	37.00 1.82 0.00	36.89 1.56 0.00
ASTORIA_GT3_4 24101	39.32 1.08 0.00	37.26 1.09 0.00	37.67 1.03 0.00	41.93 1.03 0.00	42.97 1.06 0.00	38.92 1.14 0.00	60.17 2.24 0.00	71.59 3.21 0.00	92.71 3.64 -0.01	33.01 1.47 0.01	30.06 1.46 0.00	31.29 1.42 0.00	35.17 1.61 -0.01	40.05 1.90 0.01	38.75 1.93 0.00	36.26 1.87 0.00	37.28 2.10 0.00	39.73 2.16 0.01	46.33 2.52 0.01	78.17 3.92 0.00	122.18 5.65 0.00	45.10 2.22 0.00	37.00 1.82 0.00	36.89 1.56 0.00
ASTORIA_GT4_1 24102	39.32 1.08 0.00	37.26 1.09 0.00	37.67 1.03 0.00	41.93 1.03 0.00	42.97 1.06 0.00	38.92 1.14 0.00	60.17 2.24 0.00	71.59 3.21 0.00	92.71 3.64 -0.01	33.01 1.47 0.01	30.06 1.46 0.00	31.29 1.42 0.00	35.17 1.61 -0.01	40.05 1.90 0.01	38.75 1.93 0.00	36.26 1.87 0.00	37.28 2.10 0.00	39.73 2.16 0.01	46.33 2.52 0.01	78.17 3.92 0.00	122.18 5.65 0.00	45.10 2.22 0.00	37.00 1.82 0.00	36.89 1.56 0.00
ASTORIA_GT4_2 24103	39.32 1.08 0.00	37.26 1.09 0.00	37.67 1.03 0.00	41.93 1.03 0.00	42.97 1.06 0.00	38.92 1.14 0.00	60.17 2.24 0.00	71.59 3.21 0.00	92.71 3.64 -0.01	33.01 1.47 0.01	30.06 1.46 0.00	31.29 1.42 0.00	35.17 1.61 -0.01	40.05 1.90 0.01	38.75 1.93 0.00	36.26 1.87 0.00	37.28 2.10 0.00	39.73 2.16 0.01	46.33 2.52 0.01	78.17 3.92 0.00	122.18 5.65 0.00	45.10 2.22 0.00	37.00 1.82 0.00	36.89 1.56 0.00
ASTORIA_GT4_3 24104	39.32 1.08 0.00	37.26 1.09 0.00	37.67 1.03 0.00	41.93 1.03 0.00	42.97 1.06 0.00	38.92 1.14 0.00	60.17 2.24 0.00	71.59 3.21 0.00	92.71 3.64 -0.01	33.01 1.47 0.01	30.06 1.46 0.00	31.29 1.42 0.00	35.17 1.61 -0.01	40.05 1.90 0.01	38.75 1.93 0.00	36.26 1.87 0.00	37.28 2.10 0.00	39.73 2.16 0.01	46.33 2.52 0.01	78.17 3.92 0.00	122.18 5.65 0.00	45.10 2.22 0.00	37.00 1.82 0.00	36.89 1.56 0.00

ASTORIA_GT4_4 24105	39.32 1.08 0.00	37.26 1.09 0.00	37.67 1.03 0.00	41.93 1.03 0.00	42.97 1.06 0.00	38.92 1.14 0.00	60.17 2.24 0.00	71.59 3.21 0.00	92.71 3.64 -0.01	33.01 1.47 0.01	30.06 1.46 0.00	31.29 1.42 0.00	35.17 1.61 -0.01	40.05 1.90 0.01	38.75 1.93 0.00	36.26 1.87 0.00	37.28 2.10 0.00	39.73 2.16 0.01	46.33 2.52 0.01	78.17 3.92 0.00	122.18 5.65 0.00	45.10 2.22 0.00	37.00 1.82 0.00	36.89 1.56 0.00
ASTORIA_GT_1 23523	39.37 1.13 0.00	37.31 1.15 0.00	37.71 1.08 0.01	41.98 1.09 0.01	43.02 1.12 0.00	38.98 1.20 0.00	60.27 2.34 0.01	71.69 3.31 0.00	92.92 3.85 -0.01	33.06 1.52 0.01	30.10 1.49 0.00	31.34 1.48 0.00	35.23 1.67 -0.01	40.13 1.98 0.01	38.79 1.97 0.00	36.33 1.94 0.00	37.34 2.16 0.00	39.79 2.22 0.01	46.40 2.58 0.01	78.29 4.05 0.01	122.39 5.85 0.00	45.19 2.31 0.00	37.07 1.90 0.00	36.94 1.61 0.00
ASTORIA_GT_10 24110	39.61 1.37 0.00	37.48 1.32 0.00	37.91 1.27 0.00	42.21 1.31 0.00	43.23 1.32 0.00	39.23 1.39 -0.06	60.58 2.62 -0.02	72.89 3.70 -0.81	107.74 4.31 -14.37	55.16 1.64 -21.97	58.28 1.60 -28.07	47.25 1.57 -15.82	36.36 1.78 -1.04	41.17 2.12 -0.90	40.22 2.15 -1.25	37.96 2.07 -1.50	65.07 2.27 -27.62	44.23 2.36 -4.29	47.12 2.78 -0.52	78.68 4.43 0.00	122.92 6.39 0.00	45.32 2.44 0.00	37.10 1.93 0.00	37.03 1.69 0.00
ASTORIA_GT_11 24225	39.61 1.37 0.00	37.48 1.32 0.00	37.91 1.27 0.00	42.21 1.31 0.00	43.23 1.32 0.00	39.23 1.39 -0.06	60.58 2.62 -0.02	72.89 3.70 -0.81	107.74 4.31 -14.37	55.16 1.64 -21.97	58.28 1.60 -28.07	47.25 1.57 -15.82	36.36 1.78 -1.04	41.17 2.12 -0.90	40.22 2.15 -1.25	37.96 2.07 -1.50	65.07 2.27 -27.62	44.23 2.36 -4.29	47.12 2.78 -0.52	78.68 4.43 0.00	122.92 6.39 0.00	45.32 2.44 0.00	37.10 1.93 0.00	37.03 1.69 0.00
ASTORIA_GT_12 24226	39.61 1.37 0.00	37.48 1.32 0.00	37.91 1.27 0.00	42.21 1.31 0.00	43.23 1.32 0.00	39.23 1.39 -0.06	60.58 2.62 -0.02	72.89 3.70 -0.81	107.74 4.31 -14.37	55.16 1.64 -21.97	58.28 1.60 -28.07	47.25 1.57 -15.82	36.36 1.78 -1.04	41.17 2.12 -0.90	40.22 2.15 -1.25	37.96 2.07 -1.50	65.07 2.27 -27.62	44.23 2.36 -4.29	47.12 2.78 -0.52	78.68 4.43 0.00	122.92 6.39 0.00	45.32 2.44 0.00	37.10 1.93 0.00	37.03 1.69 0.00
ASTORIA_GT_13 24227	39.61 1.37 0.00	37.48 1.32 0.00	37.91 1.27 0.00	42.21 1.31 0.00	43.23 1.32 0.00	39.23 1.39 -0.06	60.58 2.62 -0.02	72.89 3.70 -0.81	107.74 4.31 -14.37	55.16 1.64 -21.97	58.28 1.60 -28.07	47.25 1.57 -15.82	36.36 1.78 -1.04	41.17 2.12 -0.90	40.22 2.15 -1.25	37.96 2.07 -1.50	65.07 2.27 -27.62	44.23 2.36 -4.29	47.12 2.78 -0.52	78.68 4.43 0.00	122.92 6.39 0.00	45.32 2.44 0.00	37.10 1.93 0.00	37.03 1.69 0.00
ASTORIA_GT_5 24106	39.38 1.13 0.00	37.31 1.15 0.00	37.72 1.08 0.00	41.99 1.09 0.00	43.03 1.12 0.00	38.98 1.20 0.00	60.27 2.33 0.00	71.69 3.31 0.00	92.88 3.81 -0.01	33.07 1.53 0.01	30.12 1.51 0.00	31.34 1.48 0.00	35.23 1.68 -0.01	40.13 1.97 0.01	38.82 2.00 0.00	36.33 1.94 0.00	37.34 2.16 0.00	39.81 2.23 0.01	46.42 2.61 0.01	78.31 4.05 0.00	122.39 5.86 0.00	45.18 2.30 0.00	37.06 1.89 0.00	36.95 1.61 0.00
ASTORIA_GT_7 24107	39.38 1.13 0.00	37.31 1.15 0.00	37.72 1.08 0.00	41.99 1.09 0.00	43.03 1.12 0.00	38.98 1.20 0.00	60.27 2.33 0.00	71.69 3.31 0.00	92.88 3.81 -0.01	33.07 1.53 0.01	30.12 1.51 0.00	31.34 1.48 0.00	35.23 1.68 -0.01	40.13 1.97 0.01	38.82 2.00 0.00	36.33 1.94 0.00	37.34 2.16 0.00	39.81 2.23 0.01	46.42 2.61 0.01	78.31 4.05 0.00	122.39 5.86 0.00	45.18 2.30 0.00	37.06 1.89 0.00	36.95 1.61 0.00
ASTORIA_GT_8 24108	39.38 1.13 0.00	37.31 1.15 0.00	37.72 1.08 0.00	41.99 1.09 0.00	43.03 1.12 0.00	38.98 1.20 0.00	60.27 2.33 0.00	71.69 3.31 0.00	92.88 3.81 -0.01	33.07 1.53 0.01	30.12 1.51 0.00	31.34 1.48 0.00	35.23 1.68 -0.01	40.13 1.97 0.01	38.82 2.00 0.00	36.33 1.94 0.00	37.34 2.16 0.00	39.81 2.23 0.01	46.42 2.61 0.01	78.31 4.05 0.00	122.39 5.86 0.00	45.18 2.30 0.00	37.06 1.89 0.00	36.95 1.61 0.00
ASTORIA___2 24149	39.31 1.07 0.00	37.25 1.09 0.00	37.66 1.03 0.01	41.91 1.03 0.01	42.96 1.05 0.00	38.91 1.13 0.00	60.17 2.24 0.01	71.59 3.21 0.00	92.75 3.68 -0.01	33.01 1.47 0.01	30.05 1.44 0.00	31.29 1.42 0.00	35.17 1.61 -0.01	40.05 1.90 0.01	38.73 1.91 0.00	36.26 1.87 0.00	37.27 2.09 0.00	39.71 2.14 0.01	46.32 2.51 0.01	78.16 3.92 0.01	122.18 5.65 0.00	45.11 2.23 0.00	37.01 1.84 0.00	36.89 1.55 0.00
ASTORIA___3 23516	39.61 1.36 0.00	37.48 1.32 0.00	37.91 1.27 0.00	42.21 1.31 0.00	43.23 1.32 0.00	39.23 1.39 -0.06	60.60 2.63 -0.02	72.89 3.69 -0.81	107.77 4.34 -14.37	55.16 1.64 -21.97	58.28 1.60 -28.07	47.25 1.57 -15.82	36.36 1.77 -1.04	41.17 2.12 -0.90	40.21 2.14 -1.25	37.96 2.07 -1.50	65.07 2.27 -27.62	44.23 2.35 -4.29	47.10 2.76 -0.52	78.68 4.42 0.00	122.92 6.39 0.00	45.33 2.45 0.00	37.11 1.94 0.00	37.03 1.69 0.00
ASTORIA___4 23517	39.61 1.37 0.00	37.48 1.32 0.00	37.91 1.27 0.00	42.21 1.31 0.00	43.23 1.32 0.00	39.23 1.39 -0.06	60.58 2.62 -0.02	72.89 3.70 -0.81	107.74 4.31 -14.37	55.16 1.64 -21.97	58.28 1.60 -28.07	47.25 1.57 -15.82	36.36 1.78 -1.04	41.17 2.12 -0.90	40.22 2.15 -1.25	37.96 2.07 -1.50	65.07 2.27 -27.62	44.23 2.36 -4.29	47.12 2.78 -0.52	78.68 4.43 0.00	122.92 6.39 0.00	45.32 2.44 0.00	37.10 1.93 0.00	37.03 1.69 0.00
ASTORIA___5 23518	39.61 1.36 0.00	37.48 1.32 0.00	37.91 1.27 0.00	42.21 1.31 0.00	43.23 1.32 0.00	39.23 1.39 -0.06	60.60 2.63 -0.02	72.89 3.69 -0.81	107.76 4.34 -14.37	55.16 1.64 -21.97	58.28 1.60 -28.07	47.25 1.57 -15.82	36.36 1.77 -1.04	40.21 2.12 -0.90	40.21 2.14 -1.25	37.96 2.07 -1.50	65.07 2.27 -27.62	44.22 2.35 -4.29	47.10 2.76 -0.52	78.68 4.42 0.00	122.92 6.39 0.00	45.33 2.45 0.00	37.11 1.94 0.00	37.03 1.69 0.00
AST_ENERGY_2_CC3 323677	39.36 1.11 0.00	37.26 1.10 0.00	37.66 1.02 0.00	41.92 1.02 0.00	42.95 1.04 0.00	38.93 1.15 0.00	60.14 2.20 0.00	71.55 3.17 0.00	92.75 3.69 0.00	32.97 1.43 0.00	30.04 1.43 0.00	31.26 1.39 0.00	35.13 1.58 0.00	40.03 1.88 0.00	38.74 1.92 0.00	36.25 1.87 0.00	37.25 2.07 0.00	39.69 2.11 0.00	46.28 2.46 0.00	78.21 3.96 0.00	122.20 5.67 0.00	45.04 2.17 0.00	36.91 1.74 0.00	36.85 1.51 0.00
AST_ENERGY_2_CC4 323678	39.36 1.11 0.00	37.26 1.10 0.00	37.66 1.02 0.00	41.92 1.02 0.00	42.95 1.04 0.00	38.93 1.15 0.00	60.14 2.20 0.00	71.55 3.17 0.00	92.75 3.69 0.00	32.97 1.43 0.00	30.04 1.43 0.00	31.26 1.39 0.00	35.13 1.58 0.00	40.03 1.88 0.00	38.74 1.92 0.00	36.25 1.87 0.00	37.25 2.07 0.00	39.69 2.11 0.00	46.28 2.46 0.00	78.21 3.96 0.00	122.20 5.67 0.00	45.04 2.17 0.00	36.91 1.74 0.00	36.85 1.51 0.00

ATHENS_STG_1 23668	38.85 0.60 0.00	36.84 0.68 0.00	37.30 0.66 0.00	41.58 0.68 0.00	42.57 0.66 0.00	38.39 0.60 0.00	58.96 1.02 0.00	69.77 1.39 0.00	90.56 1.50 0.00	32.12 0.57 0.00	29.14 0.53 0.00	30.43 0.57 0.00	34.27 0.71 0.00	39.06 0.91 0.00	37.73 0.92 0.00	35.26 0.87 0.00	36.13 0.95 0.00	38.59 1.01 0.00	45.01 1.19 0.00	76.08 1.82 0.00	119.08 2.56 0.00	43.90 1.02 0.00	35.97 0.80 0.00	35.99 0.66 0.00
ATHENS_STG_2 23670	38.85 0.60 0.00	36.84 0.68 0.00	37.30 0.66 0.00	41.58 0.68 0.00	42.57 0.66 0.00	38.39 0.60 0.00	58.96 1.02 0.00	69.77 1.39 0.00	90.56 1.50 0.00	32.12 0.57 0.00	29.14 0.53 0.00	30.43 0.57 0.00	34.27 0.71 0.00	39.06 0.91 0.00	37.73 0.92 0.00	35.26 0.87 0.00	36.13 0.95 0.00	38.59 1.01 0.00	45.01 1.19 0.00	76.08 1.82 0.00	119.08 2.56 0.00	43.90 1.02 0.00	35.97 0.80 0.00	35.99 0.66 0.00
ATHENS_STG_3 23677	38.85 0.60 0.00	36.84 0.68 0.00	37.30 0.66 0.00	41.58 0.68 0.00	42.57 0.66 0.00	38.39 0.60 0.00	58.96 1.02 0.00	69.77 1.39 0.00	90.56 1.50 0.00	32.12 0.57 0.00	29.14 0.53 0.00	30.43 0.57 0.00	34.27 0.71 0.00	39.06 0.91 0.00	37.73 0.92 0.00	35.26 0.87 0.00	36.13 0.95 0.00	38.59 1.01 0.00	45.01 1.19 0.00	76.08 1.82 0.00	119.08 2.56 0.00	43.90 1.02 0.00	35.97 0.80 0.00	35.99 0.66 0.00
AUBURN___LFGE 323710	38.63 0.38 0.00	36.59 0.43 0.00	37.08 0.44 0.00	41.11 0.21 0.00	42.14 0.23 0.00	38.12 0.34 0.00	62.14 0.38 -3.82	68.82 0.44 0.00	89.32 0.26 0.00	31.67 0.12 0.00	28.75 0.14 0.00	29.90 0.03 0.00	33.52 -0.03 0.00	38.02 -0.14 0.00	36.58 -0.23 0.00	34.26 -0.13 0.00	35.13 -0.05 0.00	37.44 -0.13 0.00	43.92 0.10 0.00	74.28 0.02 0.00	116.98 0.45 0.00	42.83 -0.05 0.00	35.14 -0.03 0.00	35.48 0.14 0.00
BABYLON_RES_REC 323704	39.83 1.58 0.00	37.47 1.31 0.00	37.93 1.29 0.00	42.33 1.44 0.00	43.36 1.45 0.00	39.28 1.49 0.00	60.90 2.96 0.00	71.96 3.58 0.00	92.87 3.81 0.00	33.19 1.64 0.00	30.19 1.58 0.00	31.29 1.43 0.00	35.12 1.57 0.00	40.02 1.86 0.00	39.08 2.03 -0.23	43.41 2.36 -6.66	39.33 2.52 -1.64	46.24 2.67 -5.98	49.57 3.06 -2.70	79.11 4.85 0.00	123.57 7.05 0.00	45.16 2.29 0.00	36.88 1.71 0.00	37.23 1.55 -0.34
BABYLON__69_KV_BK2 356345	40.18 1.93 0.00	37.76 1.60 0.00	38.23 1.59 0.00	42.68 1.79 0.00	43.74 1.83 0.00	39.64 1.86 0.00	61.47 3.53 0.00	72.52 4.14 0.00	93.54 4.48 0.00	33.45 1.91 0.00	30.42 1.81 0.00	31.54 1.67 0.00	35.38 1.83 0.00	40.28 2.13 0.00	39.30 2.28 -0.21	43.04 2.64 -6.01	39.50 2.84 -1.48	46.03 3.05 -5.41	49.76 3.50 -2.44	79.93 5.67 0.00	124.86 8.33 0.00	45.53 2.65 0.00	37.14 1.98 0.00	37.46 1.81 -0.31
BALL_HILL_WT_PWR 323825	38.39 0.14 0.00	36.30 0.14 0.00	36.78 0.14 0.00	40.75 -0.14 0.00	41.70 -0.21 0.00	37.68 -0.10 0.00	56.84 -1.10 0.00	66.45 -1.93 0.00	87.25 -1.81 0.00	30.63 -0.91 0.00	27.79 -0.82 0.00	28.87 -0.99 0.00	31.40 -0.89 1.25	36.05 -1.22 0.88	34.80 -1.57 0.45	32.49 -1.67 0.23	33.00 -1.86 0.32	32.15 -2.12 3.31	38.88 -2.34 2.60	70.81 -3.44 0.00	112.00 -4.53 0.00	41.01 -1.87 0.00	34.04 -1.13 0.00	34.59 -0.75 0.00
BARON_WINDS___WT_PWR 323822	37.81 -0.43 0.00	35.82 -0.34 0.00	36.29 -0.35 0.00	40.41 -0.49 0.00	41.55 -0.36 0.00	37.55 -0.23 0.00	57.03 -0.91 0.00	67.00 -1.38 0.00	87.43 -1.63 0.00	30.44 -1.10 0.00	27.40 -1.22 0.00	28.35 -1.51 0.00	11.96 -1.73 19.86	21.66 -2.26 14.24	26.97 -2.57 7.28	28.14 -2.55 3.70	27.45 -2.49 5.24	-19.10 -2.67 54.01	-1.74 -3.12 42.45	69.71 -4.52 0.02	110.06 -6.47 0.00	40.52 -2.36 0.00	33.19 -1.98 0.00	33.54 -1.79 0.00
BARRETT_IC_1 23704	39.67 1.43 0.00	37.37 1.21 0.00	37.83 1.19 0.00	42.16 1.26 0.00	43.14 1.23 0.00	39.01 1.23 0.00	60.39 2.45 0.00	71.45 3.08 0.00	92.33 3.27 0.00	33.02 1.48 0.00	30.14 1.53 0.00	31.34 1.47 0.00	35.20 1.63 -0.02	40.07 1.91 -0.01	41.53 1.99 -2.72	115.24 2.04 -78.81	56.76 2.23 -19.34	110.72 2.30 -70.84	78.38 2.64 -31.92	78.25 4.00 0.00	122.22 5.69 0.00	44.95 2.07 0.00	36.80 1.63 0.00	40.71 1.57 -3.80
BARRETT_IC_10 23701	39.67 1.43 0.00	37.37 1.21 0.00	37.83 1.19 0.00	42.16 1.26 0.00	43.14 1.23 0.00	39.01 1.23 0.00	60.39 2.45 0.00	71.45 3.08 0.00	92.33 3.27 0.00	33.02 1.48 0.00	30.14 1.53 0.00	31.34 1.47 0.00	35.20 1.63 -0.02	40.07 1.91 -0.01	41.53 1.99 -2.72	115.24 2.04 -78.81	56.76 2.23 -19.34	110.72 2.30 -70.84	78.38 2.64 -31.92	78.25 4.00 0.00	122.22 5.69 0.00	44.95 2.07 0.00	36.80 1.63 0.00	40.71 1.57 -3.80
BARRETT_IC_11 23702	39.67 1.43 0.00	37.37 1.21 0.00	37.83 1.19 0.00	42.16 1.26 0.00	43.14 1.23 0.00	39.01 1.23 0.00	60.39 2.45 0.00	71.45 3.08 0.00	92.33 3.27 0.00	33.02 1.48 0.00	30.14 1.53 0.00	31.34 1.47 0.00	35.20 1.63 -0.02	40.07 1.91 -0.01	41.53 1.99 -2.72	115.24 2.04 -78.81	56.76 2.23 -19.34	110.72 2.30 -70.84	78.38 2.64 -31.92	78.25 4.00 0.00	122.22 5.69 0.00	44.95 2.07 0.00	36.80 1.63 0.00	40.71 1.57 -3.80
BARRETT_IC_12 23703	39.67 1.43 0.00	37.37 1.21 0.00	37.83 1.19 0.00	42.16 1.26 0.00	43.14 1.23 0.00	39.01 1.23 0.00	60.39 2.45 0.00	71.45 3.08 0.00	92.33 3.27 0.00	33.02 1.48 0.00	30.14 1.53 0.00	31.34 1.47 0.00	35.20 1.63 -0.02	40.07 1.91 -0.01	41.53 1.99 -2.72	115.24 2.04 -78.81	56.76 2.23 -19.34	110.72 2.30 -70.84	78.38 2.64 -31.92	78.25 4.00 0.00	122.22 5.69 0.00	44.95 2.07 0.00	36.80 1.63 0.00	40.71 1.57 -3.80
BARRETT_IC_2 23705	39.67 1.43 0.00	37.37 1.21 0.00	37.83 1.19 0.00	42.16 1.26 0.00	43.14 1.23 0.00	39.01 1.23 0.00	60.39 2.45 0.00	71.45 3.08 0.00	92.33 3.27 0.00	33.02 1.48 0.00	30.14 1.53 0.00	31.34 1.47 0.00	35.20 1.63 -0.02	40.07 1.91 -0.01	41.53 1.99 -2.72	115.24 2.04 -78.81	56.76 2.23 -19.34	110.72 2.30 -70.84	78.38 2.64 -31.92	78.25 4.00 0.00	122.22 5.69 0.00	44.95 2.07 0.00	36.80 1.63 0.00	40.71 1.57 -3.80
BARRETT_IC_3 23706	39.67 1.43 0.00	37.37 1.21 0.00	37.83 1.19 0.00	42.16 1.26 0.00	43.14 1.23 0.00	39.01 1.23 0.00	60.39 2.45 0.00	71.45 3.08 0.00	92.33 3.27 0.00	33.02 1.48 0.00	30.14 1.53 0.00	31.34 1.47 0.00	35.20 1.63 -0.02	40.07 1.91 -0.01	41.53 1.99 -2.72	115.24 2.04 -78.81	56.76 2.23 -19.34	110.72 2.30 -70.84	78.38 2.64 -31.92	78.25 4.00 0.00	122.22 5.69 0.00	44.95 2.07 0.00	36.80 1.63 0.00	40.71 1.57 -3.80
BARRETT_IC_4 23707	39.67 1.43 0.00	37.37 1.21 0.00	37.83 1.19 0.00	42.16 1.26 0.00	43.14 1.23 0.00	39.01 1.23 0.00	60.39 2.45 0.00	71.45 3.08 0.00	92.33 3.27 0.00	33.02 1.48 0.00	30.14 1.53 0.00	31.34 1.47 0.00	35.20 1.63 -0.02	40.07 1.91 -0.01	41.53 1.99 -2.72	115.24 2.04 -78.81	56.76 2.23 -19.34	110.72 2.30 -70.84	78.38 2.64 -31.92	78.25 4.00 0.00	122.22 5.69 0.00	44.95 2.07 0.00	36.80 1.63 0.00	40.71 1.57 -3.80

BARRETT_IC_5 23708	39.67 1.43 0.00	37.37 1.21 0.00	37.83 1.19 0.00	42.16 1.26 0.00	43.14 1.23 0.00	39.01 1.23 0.00	60.39 2.45 0.00	71.45 3.08 0.00	92.33 3.27 0.00	33.02 1.48 0.00	30.14 1.53 0.00	31.34 1.47 0.00	35.20 1.63 -0.02	40.07 1.91 -0.01	41.53 1.99 -2.72	115.24 2.04 -78.81	56.76 2.23 -19.34	110.72 2.30 -70.84	78.38 2.64 -31.92	78.25 4.00 0.00	122.22 5.69 0.00	44.95 2.07 0.00	36.80 1.63 0.00	40.71 1.57 -3.80
BARRETT_IC_6 23709	39.67 1.43 0.00	37.37 1.21 0.00	37.83 1.19 0.00	42.16 1.26 0.00	43.14 1.23 0.00	39.01 1.23 0.00	60.39 2.45 0.00	71.45 3.08 0.00	92.33 3.27 0.00	33.02 1.48 0.00	30.14 1.53 0.00	31.34 1.47 0.00	35.20 1.63 -0.02	40.07 1.91 -0.01	41.53 1.99 -2.72	115.24 2.04 -78.81	56.76 2.23 -19.34	110.72 2.30 -70.84	78.38 2.64 -31.92	78.25 4.00 0.00	122.22 5.69 0.00	44.95 2.07 0.00	36.80 1.63 0.00	40.71 1.57 -3.80
BARRETT_IC_7 23710	39.67 1.43 0.00	37.37 1.21 0.00	37.83 1.19 0.00	42.16 1.26 0.00	43.14 1.23 0.00	39.01 1.23 0.00	60.39 2.45 0.00	71.46 3.07 0.00	92.33 3.26 0.00	33.03 1.48 0.00	30.14 1.53 0.00	31.34 1.48 0.00	35.20 1.63 -0.02	40.07 1.91 -0.01	41.54 2.00 -2.72	115.24 2.05 -78.81	56.76 2.24 -19.34	110.72 2.30 -70.84	78.39 2.64 -31.92	78.25 4.00 0.00	122.22 5.69 0.00	44.94 2.06 0.00	36.79 1.62 0.00	40.71 1.57 -3.80
BARRETT_IC_8 23711	39.67 1.43 0.00	37.37 1.21 0.00	37.83 1.19 0.00	42.16 1.26 0.00	43.14 1.23 0.00	39.01 1.23 0.00	60.39 2.45 0.00	71.45 3.08 0.00	92.33 3.27 0.00	33.02 1.48 0.00	30.14 1.53 0.00	31.34 1.47 0.00	35.20 1.63 -0.02	40.07 1.91 -0.01	41.53 1.99 -2.72	115.24 2.04 -78.81	56.76 2.23 -19.34	110.72 2.30 -70.84	78.38 2.64 -31.92	78.25 4.00 0.00	122.22 5.69 0.00	44.95 2.07 0.00	36.80 1.63 0.00	40.71 1.57 -3.80
BARRETT_IC_9 23700	39.67 1.43 0.00	37.37 1.21 0.00	37.83 1.19 0.00	42.16 1.26 0.00	43.14 1.23 0.00	39.01 1.23 0.00	60.39 2.45 0.00	71.45 3.08 0.00	92.33 3.27 0.00	33.02 1.48 0.00	30.14 1.53 0.00	31.34 1.47 0.00	35.20 1.63 -0.02	40.07 1.91 -0.01	41.53 1.99 -2.72	115.24 2.04 -78.81	56.76 2.23 -19.34	110.72 2.30 -70.84	78.38 2.64 -31.92	78.25 4.00 0.00	122.22 5.69 0.00	44.95 2.07 0.00	36.80 1.63 0.00	40.71 1.57 -3.80
BARRETT___1 23545	39.67 1.43 0.00	37.37 1.21 0.00	37.83 1.19 0.00	42.16 1.26 0.00	43.14 1.23 0.00	39.01 1.23 0.00	60.39 2.45 0.00	71.45 3.08 0.00	92.33 3.27 0.00	33.02 1.48 0.00	30.14 1.53 0.00	31.34 1.47 0.00	35.20 1.63 -0.02	40.07 1.91 -0.01	41.53 1.99 -2.72	115.24 2.04 -78.81	56.76 2.23 -19.34	110.72 2.30 -70.84	78.38 2.64 -31.92	78.25 4.00 0.00	122.22 5.69 0.00	44.95 2.07 0.00	36.80 1.63 0.00	40.71 1.57 -3.80
BARRETT___2 23546	39.67 1.43 0.00	37.37 1.21 0.00	37.83 1.19 0.00	42.16 1.26 0.00	43.14 1.23 0.00	39.01 1.23 0.00	60.39 2.45 0.00	71.45 3.08 0.00	92.33 3.27 0.00	33.02 1.48 0.00	30.14 1.53 0.00	31.34 1.47 0.00	35.20 1.63 -0.02	40.07 1.91 -0.01	41.53 1.99 -2.72	115.24 2.04 -78.81	56.76 2.23 -19.34	110.72 2.30 -70.84	78.38 2.64 -31.92	78.25 4.00 0.00	122.22 5.69 0.00	44.95 2.07 0.00	36.80 1.63 0.00	40.71 1.57 -3.80
BATAVIA__115KV_TB1 55881	38.55 0.30 0.00	36.41 0.25 0.00	36.90 0.26 0.00	40.76 -0.14 0.00	41.87 -0.04 0.00	37.99 0.20 0.00	57.02 -0.92 0.00	66.90 -1.48 0.00	88.10 -0.96 0.00	31.08 -0.47 0.00	28.21 -0.40 0.00	29.37 -0.49 0.00	31.58 -0.44 1.54	36.31 -0.76 1.09	35.27 -0.99 0.55	33.09 -1.02 0.28	33.66 -1.12 0.40	31.76 -1.70 4.12	38.94 -1.64 3.24	71.90 -2.35 0.00	114.06 -2.47 0.00	41.57 -1.31 0.00	34.42 -0.75 0.00	34.89 -0.44 0.00
BAYONEEC___CTG1 323682	39.39 1.15 0.00	37.27 1.11 0.00	37.69 1.05 0.00	41.97 1.07 0.00	43.01 1.11 0.00	38.97 1.19 0.00	60.21 2.27 0.00	71.63 3.25 0.00	92.79 3.73 0.00	32.99 1.44 0.00	30.02 1.41 0.00	31.23 1.37 0.00	35.11 1.56 0.00	40.04 1.88 0.00	38.73 1.90 0.00	36.25 1.86 0.00	37.24 2.06 0.00	39.69 2.11 0.00	46.30 2.48 0.00	78.28 4.03 0.00	122.30 5.77 0.00	45.06 2.18 0.00	36.90 1.73 0.00	36.84 1.50 0.00
BAYONEEC___CTG10 323750	39.39 1.15 0.00	37.27 1.11 0.00	37.69 1.05 0.00	41.97 1.07 0.00	43.01 1.11 0.00	38.97 1.19 0.00	60.21 2.27 0.00	71.63 3.25 0.00	92.79 3.73 0.00	32.99 1.44 0.00	30.02 1.41 0.00	31.23 1.37 0.00	35.11 1.56 0.00	40.04 1.88 0.00	38.73 1.90 0.00	36.25 1.86 0.00	37.24 2.06 0.00	39.69 2.11 0.00	46.30 2.48 0.00	78.28 4.03 0.00	122.30 5.77 0.00	45.06 2.18 0.00	36.90 1.73 0.00	36.84 1.50 0.00
BAYONEEC___CTG2 323683	39.39 1.15 0.00	37.27 1.11 0.00	37.69 1.05 0.00	41.97 1.07 0.00	43.01 1.11 0.00	38.97 1.19 0.00	60.21 2.27 0.00	71.63 3.25 0.00	92.79 3.73 0.00	32.99 1.44 0.00	30.02 1.41 0.00	31.23 1.37 0.00	35.11 1.56 0.00	40.04 1.88 0.00	38.73 1.90 0.00	36.25 1.86 0.00	37.24 2.06 0.00	39.69 2.11 0.00	46.30 2.48 0.00	78.28 4.03 0.00	122.30 5.77 0.00	45.06 2.18 0.00	36.90 1.73 0.00	36.84 1.50 0.00
BAYONEEC___CTG3 323684	39.39 1.15 0.00	37.27 1.11 0.00	37.69 1.05 0.00	41.97 1.07 0.00	43.01 1.11 0.00	38.97 1.19 0.00	60.21 2.27 0.00	71.63 3.25 0.00	92.79 3.73 0.00	32.99 1.44 0.00	30.02 1.41 0.00	31.23 1.37 0.00	35.11 1.56 0.00	40.04 1.88 0.00	38.73 1.90 0.00	36.25 1.86 0.00	37.24 2.06 0.00	39.69 2.11 0.00	46.30 2.48 0.00	78.28 4.03 0.00	122.30 5.77 0.00	45.06 2.18 0.00	36.90 1.73 0.00	36.84 1.50 0.00
BAYONEEC___CTG4 323685	39.39 1.15 0.00	37.27 1.11 0.00	37.69 1.05 0.00	41.97 1.07 0.00	43.01 1.11 0.00	38.97 1.19 0.00	60.21 2.27 0.00	71.63 3.25 0.00	92.79 3.73 0.00	32.99 1.44 0.00	30.02 1.41 0.00	31.23 1.37 0.00	35.11 1.56 0.00	40.04 1.88 0.00	38.73 1.90 0.00	36.25 1.86 0.00	37.24 2.06 0.00	39.69 2.11 0.00	46.30 2.48 0.00	78.28 4.03 0.00	122.30 5.77 0.00	45.06 2.18 0.00	36.90 1.73 0.00	36.84 1.50 0.00
BAYONEEC___CTG5 323686	39.39 1.15 0.00	37.27 1.11 0.00	37.69 1.05 0.00	41.97 1.07 0.00	43.01 1.11 0.00	38.97 1.19 0.00	60.21 2.27 0.00	71.63 3.25 0.00	92.79 3.73 0.00	32.99 1.44 0.00	30.02 1.41 0.00	31.23 1.37 0.00	35.11 1.56 0.00	40.04 1.88 0.00	38.73 1.90 0.00	36.25 1.86 0.00	37.24 2.06 0.00	39.69 2.11 0.00	46.30 2.48 0.00	78.28 4.03 0.00	122.30 5.77 0.00	45.06 2.18 0.00	36.90 1.73 0.00	36.84 1.50 0.00
BAYONEEC___CTG6 323687	39.39 1.15 0.00	37.27 1.11 0.00	37.69 1.05 0.00	41.97 1.07 0.00	43.01 1.11 0.00	38.97 1.19 0.00	60.21 2.27 0.00	71.63 3.25 0.00	92.79 3.73 0.00	32.99 1.44 0.00	30.02 1.41 0.00	31.23 1.37 0.00	35.11 1.56 0.00	40.04 1.88 0.00	38.73 1.90 0.00	36.25 1.86 0.00	37.24 2.06 0.00	39.69 2.11 0.00	46.30 2.48 0.00	78.28 4.03 0.00	122.30 5.77 0.00	45.06 2.18 0.00	36.90 1.73 0.00	36.84 1.50 0.00

BAYONEEC___CTG7 323688	39.39 1.15 0.00	37.27 1.11 0.00	37.69 1.05 0.00	41.97 1.07 0.00	43.01 1.11 0.00	38.97 1.19 0.00	60.21 2.27 0.00	71.63 3.25 0.00	92.79 3.73 0.00	32.99 1.44 0.00	30.02 1.41 0.00	31.23 1.37 0.00	35.11 1.56 0.00	40.04 1.88 0.00	38.73 1.90 0.00	36.25 1.86 0.00	37.24 2.06 0.00	39.69 2.11 0.00	46.30 2.48 0.00	78.28 4.03 0.00	122.30 5.77 0.00	45.06 2.18 0.00	36.90 1.73 0.00	36.84 1.50 0.00
BAYONEEC___CTG8 323689	39.39 1.15 0.00	37.27 1.11 0.00	37.69 1.05 0.00	41.97 1.07 0.00	43.01 1.11 0.00	38.97 1.19 0.00	60.21 2.27 0.00	71.63 3.25 0.00	92.79 3.73 0.00	32.99 1.44 0.00	30.02 1.41 0.00	31.23 1.37 0.00	35.11 1.56 0.00	40.04 1.88 0.00	38.73 1.90 0.00	36.25 1.86 0.00	37.24 2.06 0.00	39.69 2.11 0.00	46.30 2.48 0.00	78.28 4.03 0.00	122.30 5.77 0.00	45.06 2.18 0.00	36.90 1.73 0.00	36.84 1.50 0.00
BAYONEEC___CTG9 323749	39.39 1.15 0.00	37.27 1.11 0.00	37.69 1.05 0.00	41.97 1.07 0.00	43.01 1.11 0.00	38.97 1.19 0.00	60.21 2.27 0.00	71.63 3.25 0.00	92.79 3.73 0.00	32.99 1.44 0.00	30.02 1.41 0.00	31.23 1.37 0.00	35.11 1.56 0.00	40.04 1.88 0.00	38.73 1.90 0.00	36.25 1.86 0.00	37.24 2.06 0.00	39.69 2.11 0.00	46.30 2.48 0.00	78.28 4.03 0.00	122.30 5.77 0.00	45.06 2.18 0.00	36.90 1.73 0.00	36.84 1.50 0.00
BEACON___LESR 323632	38.97 0.73 0.00	36.89 0.73 0.00	37.36 0.71 0.00	41.69 0.79 0.00	42.66 0.75 0.00	38.50 0.72 0.00	59.15 1.21 0.00	69.85 1.47 0.00	90.55 1.49 0.00	31.89 0.34 0.00	28.78 0.17 0.00	30.09 0.22 0.00	33.82 0.27 0.00	38.91 0.75 0.00	37.81 0.99 0.00	35.31 0.92 0.00	36.19 1.01 0.00	38.70 1.12 0.00	45.18 1.36 0.00	76.34 2.09 0.00	119.47 2.95 0.00	43.94 1.07 0.00	35.99 0.82 0.00	36.00 0.67 0.00
BEAVER RIVER___HYD 24048	38.25 0.00 0.00	35.92 -0.24 0.00	36.45 -0.19 0.00	40.86 -0.04 0.00	42.25 0.34 0.00	38.41 0.63 0.00	129.92 1.31 -70.68	69.70 1.31 0.00	90.59 1.53 0.00	31.50 -0.05 0.00	28.12 -0.50 0.00	29.06 -0.81 0.00	32.61 -0.94 0.00	36.85 -1.31 0.00	35.68 -1.15 0.00	33.02 -1.37 0.00	34.29 -0.89 0.00	36.97 -0.60 0.00	43.37 -0.45 0.00	75.07 0.82 0.00	118.32 1.79 0.00	43.19 0.31 0.00	35.37 0.20 0.00	35.48 0.14 0.00
BEEBEE_GT_13 23619	38.03 -0.21 0.00	35.95 -0.21 0.00	36.42 -0.22 0.00	40.34 -0.56 0.00	41.39 -0.51 0.00	37.45 -0.34 0.00	56.61 -1.33 0.00	66.50 -1.88 0.00	87.28 -1.79 0.00	30.89 -0.66 0.00	28.13 -0.48 0.00	29.35 -0.51 0.00	32.92 -0.51 0.12	37.41 -0.75 0.00	35.91 -0.91 0.00	33.44 -0.95 0.00	34.10 -1.08 0.00	36.19 -1.39 0.00	42.36 -1.46 0.00	71.90 -2.35 0.00	113.65 -2.88 0.00	41.57 -1.31 0.00	34.31 -0.86 0.00	34.71 -0.63 0.00
BENSHRST_27_KV_BENSHRST_1 355998	57.56 1.82 -17.49	56.17 1.74 -18.26	55.60 1.70 -17.26	55.62 1.79 -12.93	55.64 1.82 -11.91	56.28 1.84 -16.66	62.83 3.24 -1.65	79.84 4.47 -6.98	110.32 5.33 -15.92	83.02 1.97 -49.51	81.38 1.87 -50.89	84.88 1.84 -53.18	56.73 2.14 -21.04	58.91 2.55 -18.21	64.82 2.55 -25.45	57.69 2.47 -20.82	91.83 2.65 -54.00	61.01 2.76 -20.67	59.29 3.28 -12.19	89.81 5.32 -10.24	135.80 7.84 -11.42	98.63 2.97 -52.78	62.74 2.36 -25.21	57.72 2.12 -20.26
BETHLEHEM___GRP 23843	38.34 0.09 0.00	36.34 0.18 0.00	36.76 0.12 0.00	41.02 0.12 0.00	41.99 0.08 0.00	37.80 0.02 0.00	57.97 0.03 0.00	68.46 0.09 0.00	88.84 -0.22 0.00	31.57 0.02 0.00	28.59 -0.03 0.00	29.84 -0.02 0.00	33.53 -0.02 0.00	38.55 0.39 0.00	37.19 0.36 0.00	34.69 0.30 0.00	35.49 0.31 0.00	37.95 0.37 0.00	44.23 0.41 0.00	74.76 0.51 0.00	116.99 0.46 0.00	43.13 0.26 0.00	35.36 0.19 0.00	35.33 -0.01 0.00
BETHLEHEM___GS1 323560	38.34 0.09 0.00	36.33 0.17 0.00	36.76 0.12 0.00	41.02 0.12 0.00	41.99 0.08 0.00	37.80 0.02 0.00	57.97 0.03 0.00	68.46 0.09 0.00	88.87 -0.19 0.00	31.57 0.02 0.00	28.59 -0.03 0.00	29.84 -0.02 0.00	33.53 -0.02 0.00	38.55 0.39 0.00	37.18 0.36 0.00	34.69 0.30 0.00	35.49 0.31 0.00	37.95 0.37 0.00	44.21 0.39 0.00	74.77 0.51 0.00	117.00 0.46 0.00	43.14 0.26 0.00	35.36 0.19 0.00	35.32 -0.02 0.00
BETHLEHEM___GS2 323561	38.34 0.09 0.00	36.33 0.17 0.00	36.76 0.12 0.00	41.02 0.12 0.00	41.99 0.08 0.00	37.80 0.02 0.00	57.97 0.03 0.00	68.46 0.09 0.00	88.87 -0.19 0.00	31.57 0.02 0.00	28.59 -0.03 0.00	29.84 -0.02 0.00	33.53 -0.02 0.00	38.55 0.39 0.00	37.18 0.36 0.00	34.69 0.30 0.00	35.49 0.31 0.00	37.95 0.37 0.00	44.21 0.39 0.00	74.77 0.51 0.00	117.00 0.46 0.00	43.14 0.26 0.00	35.36 0.19 0.00	35.32 -0.02 0.00
BETHLEHEM___GS3 323562	38.34 0.09 0.00	36.33 0.17 0.00	36.76 0.12 0.00	41.02 0.12 0.00	41.99 0.08 0.00	37.80 0.02 0.00	57.97 0.03 0.00	68.46 0.09 0.00	88.87 -0.19 0.00	31.57 0.02 0.00	28.59 -0.03 0.00	29.84 -0.02 0.00	33.53 -0.02 0.00	38.55 0.39 0.00	37.18 0.36 0.00	34.69 0.30 0.00	35.49 0.31 0.00	37.95 0.37 0.00	44.21 0.39 0.00	74.77 0.51 0.00	117.00 0.46 0.00	43.14 0.26 0.00	35.36 0.19 0.00	35.32 -0.02 0.00
BETHLEHEM___STEEL 23779	38.10 -0.15 0.00	35.98 -0.18 0.00	36.44 -0.20 0.00	40.22 -0.68 0.00	41.24 -0.67 0.00	37.39 -0.39 0.00	55.98 -1.96 0.00	65.47 -2.91 0.00	86.48 -2.58 0.00	30.52 -1.02 0.00	27.87 -0.74 0.00	29.00 -0.86 1.55	31.13 -0.87 1.10	35.85 -1.21 0.56	34.78 -1.48 0.28	32.59 -1.51 0.40	33.01 -1.77 0.45	31.07 -2.36 4.15	37.96 -2.61 3.26	70.16 -4.09 0.00	111.17 -5.36 0.00	40.52 -2.36 0.00	33.66 -1.51 0.00	34.23 -1.11 0.00
BETHLHEM_115KV_TB1 79974	38.43 0.18 0.00	36.42 0.26 0.00	36.86 0.22 0.00	41.10 0.20 0.00	42.09 0.18 0.00	37.90 0.12 0.00	58.14 0.20 0.00	68.66 0.28 0.00	89.10 0.04 0.00	31.64 0.09 0.00	28.66 0.05 0.00	29.92 0.06 0.00	33.63 0.08 0.00	38.61 0.46 0.00	37.26 0.44 0.00	34.77 0.38 0.00	35.59 0.41 0.00	38.05 0.47 0.00	44.34 0.52 0.00	74.96 0.71 0.00	117.33 0.80 0.00	43.25 0.37 0.00	35.46 0.29 0.00	35.43 0.10 0.00
BETHPAGE_CC_5 323564	39.78 1.54 0.00	37.44 1.29 0.00	37.89 1.26 0.00	42.29 1.39 0.00	43.31 1.40 0.00	39.15 1.37 0.00	60.69 2.75 0.00	71.75 3.37 0.00	92.68 3.61 0.00	33.12 1.57 0.00	30.15 1.54 0.00	31.35 1.48 0.00	35.19 1.64 0.00	40.06 1.90 0.00	39.16 2.03 -0.31	45.68 2.31 -8.98	39.82 2.44 -2.20	48.27 2.61 -8.07	50.44 2.98 -3.64	79.01 4.76 0.00	123.40 6.87 0.00	45.15 2.27 0.00	36.89 1.72 0.00	37.36 1.56 -0.46
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	38.21 -0.04 0.00	36.09 -0.07 0.00	36.55 -0.09 0.00	40.35 -0.55 0.00	41.38 -0.53 0.00	37.51 -0.27 0.00	56.21 -1.73 0.00	65.73 -2.64 0.00	86.84 -2.22 0.00	30.64 -0.91 0.00	27.95 -0.66 0.00	29.09 -0.77 0.00	31.35 -0.77 1.42	36.05 -1.10 1.01	34.92 -1.38 0.51	32.70 -1.43 0.26	33.12 -1.69 0.37	31.49 -2.28 3.81	38.32 -2.50 2.99	70.41 -3.84 0.00	111.50 -5.03 0.00	40.62 -2.26 0.00	33.73 -1.44 0.00	34.29 -1.04 0.00

BINGHAMTON___COGEN 23790	38.37 0.12 0.00	36.36 0.20 0.00	36.84 0.20 0.00	41.02 0.12 0.00	42.04 0.13 0.00	37.90 0.11 0.00	58.00 0.06 0.00	68.40 0.02 0.00	89.15 0.08 0.00	31.47 -0.07 0.00	28.58 -0.03 0.00	29.83 -0.03 0.00	33.61 0.07 0.00	38.11 -0.04 0.00	36.64 -0.18 0.00	34.17 -0.22 0.00	34.96 -0.22 0.00	37.35 -0.23 0.00	43.59 -0.23 0.00	74.06 -0.20 0.00	116.24 -0.29 0.00	42.67 -0.21 0.00	34.99 -0.18 0.00	35.22 -0.12 0.00
BIXINCNT_115KV_LOAD 355685	38.70 0.46 0.00	36.66 0.49 0.00	37.15 0.51 0.00	41.00 0.10 0.00	42.14 0.23 0.00	38.13 0.35 0.00	57.26 -0.68 0.00	66.96 -1.42 0.00	88.34 -0.72 0.00	31.11 -0.43 0.00	28.21 -0.40 0.00	29.24 -0.62 0.00	32.14 -0.74 0.67	36.58 -1.11 0.47	35.17 -1.41 0.24	32.54 -1.72 0.12	32.93 -2.08 0.17	33.14 -2.65 1.79	39.63 -2.78 1.41	70.45 -3.80 0.00	111.74 -4.79 0.00	40.70 -2.17 0.00	33.70 -1.47 0.00	34.34 -1.00 0.00
BLACK RIVER___HYD 24047	38.59 0.35 0.00	36.17 0.01 0.00	36.71 0.07 0.00	41.10 0.20 0.00	42.61 0.70 0.00	38.76 0.98 0.00	109.18 1.86 -49.39	70.38 2.00 0.00	91.31 2.25 0.00	31.55 0.00 0.00	27.95 -0.67 0.00	28.82 -1.05 0.00	32.49 -1.06 0.00	36.65 -1.50 0.00	35.64 -1.18 0.00	32.82 -1.58 0.00	34.30 -0.88 0.00	37.07 -0.52 0.00	43.72 -0.10 0.00	75.96 1.71 0.00	119.72 3.19 0.00	43.61 0.73 0.00	35.70 0.53 0.00	35.79 0.46 0.00
BLACKRVR_115KV_TB2 79977	38.59 0.35 0.00	36.17 0.01 0.00	36.71 0.07 0.00	41.10 0.20 0.00	42.61 0.70 0.00	38.76 0.98 0.00	109.18 1.86 -49.39	70.38 2.00 0.00	91.30 2.24 0.00	31.54 0.00 0.00	27.95 -0.66 0.00	28.82 -1.05 0.00	32.49 -1.06 0.00	36.65 -1.50 0.00	35.64 -1.18 0.00	32.81 -1.58 0.00	34.30 -0.88 0.00	37.07 -0.51 0.00	43.72 -0.10 0.00	75.97 1.71 0.00	119.72 3.19 0.00	43.61 0.73 0.00	35.70 0.53 0.00	35.79 0.46 0.00
BLISS_WT_PWR 323608	38.72 0.47 0.00	36.66 0.50 0.00	37.15 0.51 0.00	40.98 0.09 0.00	42.14 0.23 0.00	38.14 0.36 0.00	57.25 -0.69 0.00	66.95 -1.43 0.00	88.30 -0.76 0.00	31.12 -0.42 0.00	28.18 -0.44 0.00	29.16 -0.71 0.00	32.01 -0.87 0.67	36.43 -1.26 0.47	35.04 -1.53 0.24	32.32 -1.94 0.12	32.67 -2.34 0.17	32.88 -2.91 1.79	39.40 -3.01 1.41	70.11 -4.14 0.00	111.26 -5.27 0.00	40.54 -2.33 0.00	33.54 -1.63 0.00	34.23 -1.11 0.00
BLUESTONE___WT_PWR 323821	40.02 1.78 0.00	38.05 1.89 0.00	38.62 1.98 0.00	43.03 2.13 0.00	44.20 2.29 0.00	39.87 2.09 0.00	61.56 3.63 0.00	72.59 4.22 0.00	94.12 5.06 0.00	32.94 1.40 0.00	29.89 1.27 0.00	31.04 1.17 0.00	34.99 1.44 0.00	39.60 1.44 0.00	37.04 0.22 0.00	35.12 0.73 0.00	35.29 0.11 0.00	37.98 0.40 0.00	44.83 1.01 0.00	74.73 0.48 0.00	117.97 1.44 0.00	43.29 0.41 0.00	35.21 0.04 0.00	35.67 0.34 0.00
BLUE_CIRC_CHEM_DRP 24182	38.88 0.64 0.00	36.85 0.69 0.00	37.31 0.67 0.00	41.63 0.73 0.00	42.64 0.73 0.00	38.41 0.63 0.00	58.87 0.93 0.00	69.40 1.02 0.00	89.82 0.76 0.00	31.70 0.15 0.00	28.71 0.10 0.00	30.00 0.13 0.00	33.91 0.36 0.00	38.79 0.63 0.00	37.51 0.69 0.00	35.00 0.61 0.00	35.77 0.59 0.00	38.28 0.69 0.00	44.71 0.89 0.00	75.71 1.46 0.00	118.57 2.03 0.00	43.70 0.82 0.00	35.81 0.64 0.00	35.84 0.50 0.00
BOC_GAS_DRP 24189	38.61 0.37 0.00	36.60 0.43 0.00	37.06 0.42 0.00	41.32 0.42 0.00	42.32 0.41 0.00	38.13 0.35 0.00	58.48 0.54 0.00	69.11 0.74 0.00	89.72 0.65 0.00	31.83 0.28 0.00	28.85 0.23 0.00	30.13 0.27 0.00	33.91 0.36 0.00	38.76 0.61 0.00	37.42 0.60 0.00	34.95 0.56 0.00	35.76 0.59 0.00	38.22 0.64 0.00	44.57 0.75 0.00	75.35 1.10 0.00	117.95 1.42 0.00	43.48 0.60 0.00	35.63 0.47 0.00	35.67 0.34 0.00
BOONVILLE_115KV_TB1 79983	38.86 0.61 0.00	36.65 0.49 0.00	37.15 0.51 0.00	41.52 0.63 0.00	42.72 0.82 0.00	38.72 0.94 0.00	87.39 1.66 -27.79	70.29 1.91 0.00	91.41 2.35 0.00	32.02 0.47 0.00	28.91 0.29 0.00	30.01 0.14 0.00	33.68 0.13 0.00	38.17 0.01 0.00	36.89 0.07 0.00	34.35 -0.04 0.00	35.34 0.16 0.00	37.96 0.38 0.00	44.44 0.62 0.00	76.13 1.88 0.00	119.67 3.14 0.00	43.83 0.95 0.00	35.89 0.72 0.00	35.98 0.65 0.00
BORALEX_4TH_BRANCH 23824	39.49 1.24 0.00	37.38 1.22 0.00	37.91 1.26 0.00	42.33 1.43 0.00	43.32 1.41 0.00	39.14 1.36 0.00	59.95 2.01 0.00	70.60 2.22 0.00	91.93 2.87 0.00	32.35 0.80 0.00	29.22 0.60 0.00	30.66 0.80 0.00	34.44 0.89 0.00	39.38 1.22 0.00	38.02 1.20 0.00	35.71 1.32 0.00	36.47 1.29 0.00	39.09 1.51 0.00	45.51 1.69 0.00	77.05 2.80 0.00	120.37 3.84 0.00	44.41 1.53 0.00	36.31 1.15 0.00	36.34 1.00 0.00
BOWLINE___1 23526	39.00 0.75 0.00	36.94 0.78 0.00	37.39 0.75 0.00	41.66 0.76 0.00	42.71 0.80 0.00	38.63 0.85 0.00	59.59 1.65 0.00	70.68 2.30 0.00	91.58 2.52 0.00	32.49 0.95 0.00	29.50 0.88 0.00	30.72 0.85 0.00	34.59 1.03 0.00	39.47 1.31 0.00	38.16 1.34 0.00	35.73 1.34 0.00	36.67 1.49 0.00	39.15 1.56 0.00	45.70 1.88 0.00	77.33 3.08 0.00	120.92 4.39 0.00	44.53 1.65 0.00	36.45 1.28 0.00	36.42 1.08 0.00
BOWLINE___2 23595	39.00 0.75 0.00	36.94 0.78 0.00	37.39 0.75 0.00	41.66 0.76 0.00	42.71 0.80 0.00	38.63 0.84 0.00	59.58 1.64 0.00	70.66 2.28 0.00	91.57 2.51 0.00	32.49 0.94 0.00	29.49 0.88 0.00	30.72 0.86 0.00	34.59 1.04 0.00	39.47 1.31 0.00	38.17 1.35 0.00	35.74 1.35 0.00	36.67 1.49 0.00	39.15 1.57 0.00	45.70 1.88 0.00	77.34 3.09 0.00	120.92 4.39 0.00	44.53 1.65 0.00	36.45 1.28 0.00	36.42 1.08 0.00
BRADY___115KV_TB2 356060	38.98 0.74 0.00	36.59 0.43 0.00	37.08 0.44 0.00	41.65 0.76 0.00	42.79 0.88 0.00	38.71 0.93 0.00	288.07 1.85 -228.28	70.32 1.93 -0.01	91.74 2.68 0.00	32.21 0.67 0.00	28.98 0.37 0.00	30.14 0.28 0.00	33.79 0.24 0.00	38.34 0.19 0.00	36.97 0.15 0.00	34.66 0.27 0.00	35.54 0.36 0.00	38.08 0.50 0.00	44.35 0.53 0.00	75.65 1.40 0.00	119.17 2.65 0.00	43.74 0.86 0.00	35.80 0.63 0.00	36.05 0.71 0.00
BRANSCOMB___SOLAR 323811	39.29 1.04 0.00	37.19 1.03 0.00	37.70 1.06 0.00	42.11 1.21 0.00	43.13 1.22 0.00	39.00 1.21 0.00	60.05 2.11 0.00	70.68 2.30 0.00	91.60 2.54 0.00	32.05 0.50 0.00	28.95 0.34 0.00	30.29 0.42 0.00	34.05 0.50 0.00	38.89 0.73 0.00	37.64 0.82 0.00	35.32 0.93 0.00	36.16 0.98 0.00	38.81 1.23 0.00	45.45 1.63 0.00	77.17 2.91 0.00	120.76 4.23 0.00	44.39 1.52 0.00	36.31 1.14 0.00	36.32 0.99 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	40.01 1.77 0.00	37.57 1.41 0.00	38.08 1.43 0.00	42.54 1.64 0.00	43.56 1.65 0.00	39.48 1.70 0.00	61.18 3.24 0.00	71.99 3.61 0.00	92.88 3.82 0.00	33.33 1.78 0.00	30.34 1.73 0.00	31.42 1.56 0.00	35.21 1.66 0.00	40.09 1.94 0.00	39.05 2.10 -0.13	40.52 2.46 -3.67	38.77 2.69 -0.90	43.70 2.82 -3.30	48.54 3.23 -1.49	79.37 5.11 0.00	123.95 7.42 0.00	45.21 2.33 0.00	36.89 1.73 0.00	37.11 1.59 -0.19



BRISTLHL_115KV_TB1 79998	37.63 -0.62 0.00	35.61 -0.55 0.00	36.09 -0.55 0.00	40.18 -0.72 0.00	41.17 -0.74 0.00	37.03 -0.76 0.00	62.94 -1.39 -6.39	66.73 -1.65 0.00	86.92 -2.14 0.00	30.84 -0.70 0.00	28.03 -0.58 0.00	29.24 -0.62 0.00	32.89 -0.66 0.00	37.28 -0.88 0.00	36.01 -0.81 0.00	33.58 -0.81 0.00	34.35 -0.83 0.00	36.76 -0.82 0.00	42.88 -0.94 0.00	72.77 -1.48 0.00	114.32 -2.21 0.00	41.97 -0.91 0.00	34.47 -0.70 0.00	34.69 -0.65 0.00
BROOKHAVEN___DRP 24191	39.69 1.45 0.00	37.18 1.02 0.00	37.65 1.01 0.00	42.19 1.29 0.00	43.24 1.33 0.00	39.21 1.43 0.00	60.79 2.86 0.00	71.46 3.08 0.00	91.98 2.92 0.00	32.93 1.39 0.00	30.02 1.41 0.00	30.91 1.05 0.00	34.69 1.15 0.00	39.50 1.34 0.00	38.46 1.54 -0.11	39.35 1.89 -3.07	38.12 2.18 -0.75	42.65 2.32 -2.76	47.87 2.80 -1.24	78.58 4.33 0.00	122.66 6.13 0.00	44.53 1.66 0.00	36.36 1.19 0.00	28.34 1.01 8.00
BROOKLYN_NAVY_YARD 23515	39.36 1.11 0.00	37.19 1.03 0.01	37.56 0.93 0.02	41.82 0.94 0.02	42.87 0.97 0.01	38.85 1.07 0.01	60.08 2.14 0.00	71.53 3.15 0.00	92.72 3.65 0.00	32.95 1.40 0.00	30.01 1.40 0.00	31.24 1.37 0.00	35.10 1.55 0.00	40.00 1.85 0.00	38.69 1.87 0.00	36.22 1.83 0.00	37.23 2.05 0.00	39.67 2.09 0.00	46.26 2.44 0.00	78.20 3.95 0.00	122.21 5.68 0.00	45.04 2.17 0.00	36.89 1.72 0.00	36.81 1.47 0.00
BROOKLYN___ARMY_DRP 323595	57.37 1.62 -17.49	56.00 1.57 -18.26	55.43 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.12 1.67 -16.66	62.54 2.95 -1.65	79.49 4.13 -6.98	109.80 4.82 -15.92	82.85 1.80 -49.51	81.22 1.72 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.70 2.34 -18.21	64.61 2.34 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.80 2.54 -20.67	59.04 3.03 -12.19	89.36 4.87 -10.24	135.05 7.10 -11.42	98.37 2.71 -52.78	62.54 2.16 -25.21	57.55 1.95 -20.26
BROOKVLE_69_KV_TB1 55790	40.01 1.77 0.00	37.69 1.53 0.00	38.14 1.50 0.00	42.53 1.63 0.00	43.56 1.65 0.00	39.45 1.67 0.00	61.12 3.19 0.00	72.34 3.96 0.00	93.52 4.46 0.00	33.39 1.84 0.00	30.41 1.80 0.00	31.60 1.74 0.00	35.50 1.95 0.00	40.41 2.25 0.00	39.71 2.36 -0.52	51.96 2.53 -15.04	41.53 2.66 -3.69	53.94 2.84 -13.52	53.18 3.27 -6.09	79.48 5.23 0.00	124.21 7.68 0.00	45.52 2.64 0.00	37.19 2.02 0.00	38.04 1.88 -0.82
BROOME_2_LFGE 323671	38.38 0.13 0.00	36.36 0.20 0.00	36.84 0.20 0.00	41.02 0.12 0.00	42.04 0.13 0.00	37.90 0.11 0.00	58.00 0.06 0.00	68.40 0.02 0.00	89.12 0.05 0.00	31.47 -0.08 0.00	28.59 -0.03 0.00	29.83 -0.03 0.00	33.62 0.07 0.00	38.11 -0.04 0.00	36.64 -0.18 0.00	34.17 -0.22 0.00	34.96 -0.22 0.00	37.35 -0.22 0.00	43.59 -0.23 0.00	74.06 -0.20 0.00	116.24 -0.29 0.00	42.66 -0.22 0.00	34.99 -0.18 0.00	35.21 -0.12 0.00
BROOME___LFGE 323600	38.38 0.13 0.00	36.36 0.20 0.00	36.84 0.20 0.00	41.02 0.12 0.00	42.04 0.13 0.00	37.90 0.11 0.00	58.00 0.06 0.00	68.40 0.02 0.00	89.12 0.05 0.00	31.47 -0.08 0.00	28.59 -0.03 0.00	29.83 -0.03 0.00	33.62 0.07 0.00	38.11 -0.04 0.00	36.64 -0.18 0.00	34.17 -0.22 0.00	34.96 -0.22 0.00	37.35 -0.23 0.00	43.59 -0.23 0.00	74.06 -0.20 0.00	116.24 -0.29 0.00	42.66 -0.22 0.00	34.99 -0.18 0.00	35.21 -0.12 0.00
BROWNFLS_115KV_TB_3_5 80003	37.76 -0.48 0.00	35.43 -0.73 0.00	35.95 -0.69 0.00	40.36 -0.54 0.00	41.62 -0.28 0.00	37.77 -0.01 0.00	184.47 0.36 -126.17	68.52 0.13 0.00	89.18 0.12 0.00	31.21 -0.33 0.00	27.96 -0.65 0.00	28.97 -0.89 0.00	32.46 -1.09 0.00	36.74 -1.41 0.00	35.51 -1.32 0.00	33.05 -1.34 0.00	34.14 -1.04 0.00	36.71 -0.87 0.00	42.94 -0.88 0.00	73.83 -0.42 0.00	116.33 -0.20 0.00	42.56 -0.31 0.00	34.84 -0.33 0.00	35.00 -0.33 0.00
BROWNSV1_27_KV_LOAD 356125	39.80 1.55 0.00	37.64 1.48 0.00	38.06 1.42 0.00	42.38 1.48 0.00	43.43 1.52 0.00	39.36 1.58 0.00	60.86 2.92 0.00	72.43 4.06 0.00	93.82 4.76 0.00	33.35 1.80 0.00	30.36 1.74 0.00	31.58 1.72 0.00	35.50 1.95 0.00	40.47 2.31 0.00	39.16 2.34 0.00	36.65 2.26 0.00	37.64 2.47 0.00	40.14 2.56 0.00	46.83 3.00 0.00	79.20 4.95 0.00	123.73 7.20 0.00	45.56 2.68 0.00	37.29 2.12 0.00	37.23 1.90 0.00
BURROWS___LYONSDAL 23803	38.66 0.42 0.00	36.43 0.28 0.00	36.96 0.31 0.00	41.33 0.43 0.00	42.59 0.68 0.00	38.64 0.85 0.00	95.70 1.56 -36.21	70.13 1.75 0.00	91.23 2.17 0.00	31.88 0.34 0.00	28.71 0.09 0.00	29.76 -0.10 0.00	33.38 -0.17 0.00	37.82 -0.34 0.00	36.55 -0.27 0.00	33.96 -0.43 0.00	35.03 -0.15 0.00	37.68 0.10 0.00	44.10 0.28 0.00	75.79 1.54 0.00	119.26 2.73 0.00	43.63 0.75 0.00	35.73 0.56 0.00	35.82 0.49 0.00
CAITHNESS_CC_1 323624	39.64 1.39 0.00	37.17 1.01 0.00	37.63 0.99 0.00	42.15 1.25 0.00	43.19 1.28 0.00	39.15 1.37 0.00	60.72 2.78 0.00	71.40 3.02 0.00	92.01 2.94 0.00	32.93 1.38 0.00	30.02 1.41 0.00	30.93 1.07 0.00	34.71 1.16 0.00	39.51 1.35 0.00	38.47 1.54 -0.10	39.34 1.90 -3.05	38.11 2.18 -0.75	42.62 2.30 -2.74	47.80 2.74 -1.24	78.50 4.25 0.00	122.53 6.00 0.00	44.55 1.67 0.00	36.38 1.21 0.00	28.36 1.02 8.00
CALPINE BETH_PAGE_GT4 24209	39.71 1.46 0.00	37.38 1.22 0.00	37.82 1.18 0.00	42.21 1.31 0.00	43.22 1.31 0.00	39.00 1.22 0.00	60.47 2.53 0.00	71.51 3.13 0.00	92.31 3.24 0.00	33.01 1.46 0.00	30.05 1.43 0.00	31.30 1.44 0.00	35.14 1.58 0.00	40.00 1.85 0.00	39.19 1.97 -0.40	48.18 2.24 -11.55	40.36 2.35 -2.84	50.52 2.55 -10.39	51.41 2.91 -4.68	78.86 4.61 0.00	123.17 6.65 0.00	45.09 2.21 0.00	36.84 1.67 0.00	37.44 1.51 -0.60
CALPINE_BETH_PAGE_GT_4 323586	39.70 1.46 0.00	37.38 1.22 0.00	37.82 1.18 0.00	42.21 1.31 0.00	43.22 1.31 0.00	39.01 1.22 0.00	60.47 2.53 0.00	71.51 3.14 0.00	92.33 3.27 0.00	33.00 1.46 0.00	30.04 1.43 0.00	31.30 1.43 0.00	35.14 1.58 0.00	40.01 1.85 0.00	39.18 1.96 -0.40	48.18 2.24 -11.55	40.37 2.36 -2.84	50.51 2.54 -10.39	51.40 2.89 -4.68	78.87 4.61 0.00	123.17 6.64 0.00	45.10 2.22 0.00	36.84 1.67 0.00	37.45 1.52 -0.60
CALPINE_BP_GT1 23823	39.70 1.46 0.00	37.38 1.22 0.00	37.82 1.18 0.00	42.21 1.31 0.00	43.22 1.31 0.00	39.01 1.22 0.00	60.47 2.53 0.00	71.51 3.14 0.00	92.33 3.27 0.00	33.00 1.46 0.00	30.04 1.43 0.00	31.30 1.43 0.00	35.14 1.58 0.00	40.01 1.85 0.00	39.18 1.96 -0.40	48.18 2.24 -11.55	40.37 2.36 -2.84	50.51 2.54 -10.39	51.40 2.89 -4.68	78.87 4.61 0.00	123.17 6.64 0.00	45.10 2.22 0.00	36.84 1.67 0.00	37.45 1.52 -0.60
CALSPAN___DRP 24200	38.10 -0.15 0.00	35.98 -0.18 0.00	36.44 -0.20 0.00	40.22 -0.68 0.00	41.24 -0.67 0.00	37.39 -0.39 0.00	55.98 -1.96 0.00	65.47 -2.91 0.00	86.48 -2.58 0.00	30.52 -1.02 0.00	27.87 -0.74 0.00	29.00 -0.86 0.00	31.13 -0.87 1.55	35.85 -1.21 1.10	34.78 -1.48 0.56	32.59 -1.51 0.28	33.01 -1.77 0.40	31.07 -2.36 4.15	37.96 -2.61 3.26	70.16 -4.09 0.00	111.17 -5.36 0.00	40.52 -2.36 0.00	33.66 -1.51 0.00	34.23 -1.11 0.00

CALVERTON___SOLAR 323806	39.75 1.51 0.00	37.24 1.08 0.00	37.70 1.06 0.00	42.27 1.38 0.00	43.33 1.42 0.00	39.30 1.51 0.00	60.94 3.00 0.00	71.60 3.22 0.00	92.14 3.08 0.00	32.95 1.41 0.00	30.06 1.44 0.00	30.90 1.04 0.00	34.69 1.14 0.00	39.51 1.35 0.00	38.46 1.53 -0.11	39.37 1.90 -3.07	38.14 2.21 -0.76	42.69 2.35 -2.76	47.92 2.85 -1.25	78.64 4.39 0.00	122.73 6.20 0.00	44.54 1.66 0.00	36.36 1.19 0.00	28.45 0.98 7.86
CANDIGU_WT_PWR 323617	37.81 -0.43 0.00	35.82 -0.34 0.00	36.29 -0.35 0.00	40.41 -0.49 0.00	41.55 -0.36 0.00	37.55 -0.23 0.00	57.03 -0.91 0.00	67.00 -1.38 0.00	87.43 -1.63 0.00	30.44 -1.10 0.00	27.40 -1.22 0.00	28.35 -1.51 0.00	11.96 -1.73 19.86	21.66 -2.26 14.24	26.97 -2.57 7.28	28.14 -2.55 3.70	27.45 -2.49 5.24	-19.10 -2.67 54.01	-1.74 -3.12 42.45	69.71 -4.52 0.02	110.06 -6.47 0.00	40.52 -2.36 0.00	33.19 -1.98 0.00	33.54 -1.79 0.00
CARR STREET_E_SYR 24060	38.03 -0.21 0.00	35.99 -0.17 0.00	36.47 -0.17 0.00	40.59 -0.31 0.00	41.60 -0.31 0.00	37.46 -0.33 0.00	62.56 -0.66 -5.28	67.57 -0.81 0.00	88.03 -1.04 0.00	31.24 -0.30 0.00	28.39 -0.23 0.00	29.59 -0.27 0.00	33.28 -0.27 0.00	37.77 -0.38 0.00	36.44 -0.38 0.00	34.00 -0.38 0.00	34.75 -0.43 0.00	37.13 -0.45 0.00	43.34 -0.48 0.00	73.51 -0.75 0.00	115.46 -1.07 0.00	42.39 -0.48 0.00	34.81 -0.36 0.00	35.04 -0.30 0.00
CARTHAGE___PAPER 23857	38.68 0.43 0.00	36.27 0.11 0.00	36.82 0.17 0.00	41.26 0.36 0.00	42.73 0.82 0.00	38.87 1.09 0.00	117.64 2.08 -57.62	70.58 2.20 0.00	91.63 2.57 0.00	31.74 0.19 0.00	28.22 -0.39 0.00	29.07 -0.79 0.00	32.70 -0.85 0.00	36.90 -1.25 0.00	35.85 -0.96 0.00	33.15 -1.24 0.00	34.54 -0.64 0.00	37.29 -0.29 0.00	43.87 0.05 0.00	76.10 1.85 0.00	119.91 3.38 0.00	43.73 0.85 0.00	35.78 0.62 0.00	35.88 0.55 0.00
CASSADAGA_WT_PWR 323784	39.16 0.91 0.00	37.06 0.90 0.00	37.52 0.88 0.00	41.66 0.76 0.00	42.53 0.63 0.00	38.40 0.62 0.00	58.08 0.14 0.00	67.95 -0.43 0.00	89.40 0.33 0.00	31.24 -0.31 0.00	28.12 -0.49 0.00	29.04 -0.83 0.00	32.19 -0.75 0.61	36.79 -0.95 0.42	35.10 -1.46 0.26	32.66 -1.60 0.13	33.25 -1.74 0.19	33.79 -1.83 1.96	40.20 -2.08 1.54	71.47 -2.78 0.00	113.31 -3.22 0.00	41.61 -1.27 0.00	34.65 -0.52 0.00	35.17 -0.16 0.00
CE_DUNWOOD___DRP 24194	39.32 1.07 0.00	37.21 1.05 0.00	37.65 1.01 0.00	41.95 1.05 0.00	42.97 1.06 0.00	38.89 1.11 0.00	60.06 2.12 0.00	71.32 2.94 0.00	92.40 3.34 0.00	32.83 1.28 0.00	29.84 1.23 0.00	31.06 1.20 0.00	34.94 1.39 0.00	39.85 1.69 0.00	38.55 1.73 0.00	36.09 1.70 0.00	37.04 1.86 0.00	39.53 1.95 0.00	46.13 2.31 0.00	78.01 3.76 0.00	121.89 5.36 0.00	44.87 1.99 0.00	36.73 1.56 0.00	36.70 1.36 0.00
CE_MILLWOOD___DRP 24193	39.19 0.94 0.00	37.10 0.93 0.00	37.54 0.90 0.00	41.82 0.93 0.00	42.86 0.95 0.00	38.79 1.01 0.00	59.86 1.92 0.00	71.05 2.66 0.00	92.04 2.98 0.00	32.68 1.14 0.00	29.69 1.08 0.00	30.92 1.06 0.00	34.78 1.24 0.00	39.68 1.52 0.00	38.38 1.56 0.00	35.94 1.55 0.00	36.88 1.70 0.00	39.36 1.78 0.00	45.94 2.11 0.00	77.71 3.45 0.00	121.48 4.95 0.00	44.72 1.85 0.00	36.61 1.44 0.00	36.57 1.24 0.00
CE_NYC2_DRP 24202	39.63 1.38 0.00	37.48 1.32 0.00	37.92 1.27 0.00	42.22 1.32 0.00	43.26 1.35 0.00	39.25 1.41 -0.06	60.59 2.63 -0.02	72.91 3.72 -0.81	107.75 4.32 -14.37	55.16 1.65 -21.97	58.28 1.60 -28.07	47.26 1.58 -15.82	36.38 1.79 -1.04	41.19 2.14 -0.90	40.23 2.15 -1.25	37.97 2.08 -1.50	65.08 2.29 -27.62	44.24 2.37 -4.29	47.12 2.79 -0.52	78.70 4.45 0.00	122.98 6.45 0.00	45.33 2.45 0.00	37.10 1.93 0.00	37.04 1.70 0.00
CE_NYC_DRP 24195	39.49 1.24 0.00	37.35 1.19 0.00	37.77 1.13 0.00	42.05 1.16 0.00	43.10 1.19 0.00	39.06 1.27 0.00	60.35 2.41 0.00	71.82 3.45 0.00	93.02 3.96 0.00	33.07 1.53 0.00	30.11 1.50 0.00	31.34 1.47 0.00	35.21 1.66 0.00	40.15 2.00 0.00	38.85 2.03 0.00	36.35 1.97 0.00	37.34 2.16 0.00	39.81 2.23 0.00	46.43 2.61 0.00	78.49 4.24 0.00	122.60 6.07 0.00	45.16 2.29 0.00	36.97 1.80 0.00	36.92 1.58 0.00
CHAFFEE___LFGE 323603	38.55 0.31 0.00	36.52 0.36 0.00	37.07 0.43 0.00	41.07 0.17 0.00	42.14 0.23 0.00	38.03 0.25 0.00	57.29 -0.65 0.00	67.09 -1.29 0.00	88.19 -0.87 0.00	30.96 -0.58 0.00	28.22 -0.39 0.00	29.57 -0.29 0.00	33.30 -0.25 0.00	37.69 -0.46 0.00	35.96 -0.86 0.00	33.50 -0.89 0.00	34.16 -1.02 0.00	36.15 -1.43 0.00	42.07 -1.75 0.00	72.00 -2.25 0.00	113.45 -3.08 0.00	41.20 -1.68 0.00	33.96 -1.21 0.00	34.51 -0.83 0.00
CHATEAUG_35_KV_LOAD 355732	38.34 0.10 0.00	35.93 -0.23 0.00	36.58 -0.06 0.00	41.40 0.50 0.00	42.64 0.73 0.00	38.62 0.84 0.00	170.66 1.63 -111.09	69.76 1.38 0.00	91.36 2.30 0.00	32.15 0.61 0.00	28.81 0.20 0.00	29.91 0.05 0.00	33.35 -0.20 0.00	37.87 -0.28 0.00	36.49 -0.33 0.00	34.39 0.00 0.00	35.17 -0.01 0.00	37.74 0.16 0.00	44.04 0.22 0.00	74.40 0.14 0.00	116.95 0.42 0.00	42.95 0.07 0.00	35.12 -0.05 0.00	35.50 0.16 0.00
CHATEAUG_WT_PWR 323614	38.25 0.00 0.00	35.88 -0.29 0.00	36.50 -0.14 0.00	41.32 0.43 0.00	42.57 0.66 0.00	38.54 0.76 0.00	162.63 1.48 -103.22	69.51 1.12 0.00	91.07 2.01 0.00	32.06 0.51 0.00	28.79 0.18 0.00	29.91 0.05 0.00	33.36 -0.19 0.00	37.89 -0.27 0.00	36.51 -0.31 0.00	34.39 0.00 0.00	35.16 -0.02 0.00	37.71 0.13 0.00	43.94 0.12 0.00	74.17 -0.08 0.00	116.51 -0.02 0.00	42.83 -0.05 0.00	35.04 -0.13 0.00	35.41 0.08 0.00
CHAT_HIGH_FALL_HYD 323578	38.34 0.10 0.00	35.93 -0.23 0.00	36.58 -0.06 0.00	41.40 0.50 0.00	42.64 0.73 0.00	38.62 0.84 0.00	170.66 1.63 -111.09	69.76 1.38 0.00	91.36 2.30 0.00	32.15 0.61 0.00	28.81 0.20 0.00	29.91 0.05 0.00	33.35 -0.20 0.00	37.87 -0.28 0.00	36.49 -0.33 0.00	34.39 0.00 0.00	35.17 -0.01 0.00	37.74 0.16 0.00	44.04 0.22 0.00	74.40 0.14 0.00	116.95 0.42 0.00	42.95 0.07 0.00	35.12 -0.05 0.00	35.50 0.16 0.00
CHAUTAUQUA___LFGE 323629	38.68 0.44 0.00	36.58 0.42 0.00	37.06 0.42 0.00	41.10 0.20 0.00	42.01 0.10 0.00	37.97 0.18 0.00	57.36 -0.58 0.00	67.08 -1.30 0.00	88.09 -0.97 0.00	30.87 -0.67 0.00	27.94 -0.68 0.00	28.97 -0.89 0.00	31.67 -0.77 1.10	36.32 -1.06 0.77	34.96 -1.46 0.40	32.61 -1.58 0.20	33.14 -1.75 0.28	32.71 -1.94 2.93	39.37 -2.14 2.31	71.27 -2.98 0.00	112.76 -3.77 0.00	41.33 -1.55 0.00	34.33 -0.84 0.00	34.86 -0.48 0.00
CHERRYST_13_KV_LD 356241	39.59 1.34 0.00	37.45 1.29 0.00	37.87 1.23 0.00	42.17 1.27 0.00	43.22 1.31 0.00	39.17 1.39 0.00	60.54 2.60 0.00	72.04 3.66 0.00	93.32 4.26 0.00	33.19 1.64 0.00	30.22 1.60 0.00	31.44 1.58 0.00	35.34 1.79 0.00	40.30 2.15 0.00	38.98 2.16 0.00	36.47 2.08 0.00	37.47 2.29 0.00	39.94 2.36 0.00	46.57 2.75 0.00	78.73 4.48 0.00	122.98 6.45 0.00	45.29 2.41 0.00	37.07 1.90 0.00	37.02 1.68 0.00

CHESTROR_138KV_BK263 355645	38.96 0.71 0.00	36.90 0.74 0.00	37.36 0.72 0.00	41.62 0.72 0.00	42.64 0.73 0.00	38.57 0.79 0.00	59.42 1.49 0.00	70.44 2.06 0.00	91.32 2.26 0.00	32.38 0.83 0.00	29.36 0.75 0.00	30.57 0.71 0.00	34.44 0.89 0.00	39.31 1.15 0.00	38.00 1.18 0.00	35.54 1.15 0.00	36.47 1.29 0.00	38.96 1.38 0.00	45.49 1.67 0.00	77.02 2.77 0.00	120.50 3.97 0.00	44.38 1.50 0.00	36.34 1.17 0.00	36.32 0.99 0.00
CH_MIDHUDSON___DRP 24192	39.26 1.01 0.00	37.16 1.00 0.00	37.61 0.97 0.00	41.91 1.01 0.00	42.93 1.02 0.00	38.83 1.05 0.00	59.92 1.98 0.00	71.08 2.70 0.00	92.18 3.11 0.00	32.67 1.12 0.00	29.64 1.03 0.00	30.89 1.02 0.00	34.77 1.22 0.00	39.69 1.53 0.00	38.36 1.54 0.00	35.91 1.52 0.00	36.83 1.65 0.00	39.36 1.77 0.00	45.95 2.12 0.00	77.73 3.47 0.00	121.53 5.00 0.00	44.74 1.86 0.00	36.61 1.44 0.00	36.58 1.25 0.00
CH_MISC_IPPS 23765	39.62 1.37 0.00	37.50 1.34 0.00	37.95 1.30 0.00	42.29 1.39 0.00	43.31 1.40 0.00	39.20 1.42 0.00	60.55 2.61 0.00	71.85 3.47 0.00	93.12 4.06 0.00	32.96 1.42 0.00	29.89 1.27 0.00	31.11 1.25 0.00	35.04 1.49 0.00	40.05 1.89 0.00	38.73 1.90 0.00	36.23 1.84 0.00	37.19 2.01 0.00	39.78 2.20 0.00	46.47 2.65 0.00	78.69 4.43 0.00	123.03 6.50 0.00	45.27 2.39 0.00	37.03 1.86 0.00	36.98 1.64 0.00
CH_RES_BVR_FALLS 23983	37.87 -0.37 0.00	35.67 -0.49 0.00	36.31 -0.34 0.00	40.73 -0.17 0.00	41.80 -0.11 0.00	37.77 -0.02 0.00	51.14 0.16 6.96	68.49 0.11 0.00	89.26 0.20 0.00	31.50 -0.05 0.00	28.51 -0.10 0.00	29.73 -0.14 0.00	33.20 -0.35 0.00	37.68 -0.48 0.00	36.36 -0.46 0.00	33.86 -0.53 0.00	34.63 -0.55 0.00	37.12 -0.46 0.00	43.23 -0.59 0.00	73.62 -0.63 0.00	115.73 -0.80 0.00	42.61 -0.27 0.00	34.94 -0.23 0.00	35.12 -0.21 0.00
CH_RES_NIAGARA 23895	36.81 -1.44 0.00	34.78 -1.38 0.00	35.24 -1.40 0.00	38.83 -2.07 0.00	39.84 -2.07 0.00	36.08 -1.70 0.00	53.74 -4.20 0.00	62.70 -5.68 0.00	82.84 -6.22 0.00	29.38 -2.16 0.00	26.89 -1.72 0.00	27.99 -1.87 0.00	29.53 -2.01 2.01	34.23 -2.50 1.42	33.42 -2.68 0.73	31.42 -2.60 0.37	31.73 -2.93 0.52	28.49 -3.69 5.40	35.42 -4.16 4.24	67.25 -7.00 0.00	106.83 -9.70 0.00	39.00 -3.88 0.00	32.48 -2.68 0.00	33.11 -2.23 0.00
CH_RES_SYRACUSE 23985	38.24 -0.01 0.00	36.19 0.03 0.00	36.68 0.04 0.00	40.79 -0.11 0.00	41.78 -0.13 0.00	37.64 -0.14 0.00	62.21 -0.35 -4.62	67.93 -0.45 0.00	88.41 -0.65 0.00	31.38 -0.16 0.00	28.49 -0.12 0.00	29.70 -0.17 0.00	33.38 -0.17 0.00	37.88 -0.27 0.00	36.54 -0.28 0.00	34.11 -0.28 0.00	34.88 -0.30 0.00	37.29 -0.29 0.00	43.57 -0.25 0.00	73.88 -0.38 0.00	116.04 -0.49 0.00	42.58 -0.29 0.00	34.96 -0.21 0.00	35.20 -0.14 0.00
CLINTON_WT_PWR 323605	38.25 0.00 0.00	35.88 -0.29 0.00	36.50 -0.14 0.00	41.32 0.43 0.00	42.57 0.66 0.00	38.54 0.76 0.00	162.63 1.48 -103.22	69.51 1.12 0.00	91.07 2.01 0.00	32.06 0.51 0.00	28.79 0.18 0.00	29.91 0.05 0.00	33.36 -0.19 0.00	37.89 -0.27 0.00	36.51 -0.31 0.00	34.39 0.00 0.00	35.16 -0.02 0.00	37.71 0.13 0.00	43.94 0.12 0.00	74.17 -0.08 0.00	116.51 -0.02 0.00	42.83 -0.05 0.00	35.04 -0.13 0.00	35.41 0.08 0.00
CLINTON___LFGE 323618	38.64 0.40 0.00	36.23 0.06 0.00	36.87 0.23 0.00	41.86 0.97 0.00	43.26 1.36 0.00	39.22 1.44 0.00	166.47 2.67 -105.86	70.57 2.18 0.00	92.76 3.70 0.00	32.56 1.02 0.00	29.12 0.51 0.00	30.23 0.37 0.00	33.67 0.12 0.00	38.29 0.13 0.00	36.95 0.13 0.00	34.81 0.42 0.00	35.59 0.41 0.00	38.20 0.62 0.00	44.52 0.70 0.00	75.08 0.82 0.00	117.80 1.27 0.00	43.37 0.49 0.00	35.54 0.37 0.00	35.94 0.61 0.00
COBBLENY_34_KV_TB1 80064	38.53 0.28 0.00	36.52 0.35 0.00	37.06 0.42 0.00	41.07 0.17 0.00	42.14 0.23 0.00	38.03 0.25 0.00	57.28 -0.65 0.00	67.09 -1.29 0.00	88.25 -0.81 0.00	30.96 -0.58 0.00	28.22 -0.39 0.00	29.57 -0.29 0.00	33.29 -0.26 0.00	37.68 -0.48 0.00	35.94 -0.88 0.00	33.49 -0.90 0.00	34.15 -1.03 0.00	36.12 -1.46 0.00	42.01 -1.81 0.00	72.00 -2.25 0.00	113.45 -3.08 0.00	41.20 -1.68 0.00	33.98 -1.19 0.00	34.51 -0.83 0.00
COFFEEN___115KV_TB3 355620	38.85 0.61 0.00	36.42 0.26 0.00	36.94 0.30 0.00	41.34 0.44 0.00	42.86 0.95 0.00	38.99 1.21 0.00	108.10 2.23 -47.93	70.84 2.46 0.00	91.86 2.80 0.00	31.65 0.10 0.00	27.99 -0.62 0.00	28.86 -1.01 0.00	32.56 -0.99 0.00	36.75 -1.41 0.00	35.78 -1.04 0.00	32.90 -1.49 0.00	34.45 -0.73 0.00	37.29 -0.29 0.00	44.10 0.28 0.00	76.61 2.35 0.00	120.75 4.22 0.00	43.96 1.08 0.00	35.97 0.81 0.00	36.04 0.71 0.00
COLDSPRG_115KV_BK1 355956	39.51 1.27 0.00	37.41 1.25 0.00	37.91 1.27 0.00	42.04 1.14 0.00	43.05 1.14 0.00	38.89 1.10 0.00	58.81 0.87 0.00	68.92 0.54 0.00	90.72 1.66 0.00	31.77 0.22 0.00	28.76 0.15 0.00	29.91 0.04 0.00	33.74 0.19 0.00	38.21 0.06 0.00	36.41 -0.42 0.00	33.83 -0.56 0.00	34.49 -0.69 0.00	36.64 -0.94 0.00	42.74 -1.08 0.00	73.26 -0.99 0.00	115.77 -0.76 0.00	42.27 -0.61 0.00	35.02 -0.16 0.00	35.50 0.16 0.00
COLONIE_LFGE___ 323577	39.01 0.77 0.00	36.95 0.79 0.00	37.43 0.79 0.00	41.78 0.89 0.00	42.79 0.88 0.00	38.62 0.84 0.00	59.31 1.37 0.00	69.94 1.56 0.00	90.83 1.77 0.00	32.04 0.49 0.00	28.97 0.36 0.00	30.30 0.43 0.00	34.05 0.50 0.00	38.95 0.79 0.00	37.64 0.83 0.00	35.26 0.87 0.00	36.06 0.88 0.00	38.61 1.03 0.00	45.06 1.24 0.00	76.34 2.09 0.00	119.42 2.89 0.00	43.99 1.12 0.00	35.99 0.82 0.00	36.01 0.68 0.00
COOPERNY_115KV_TB1 80082	38.73 0.48 0.00	36.70 0.54 0.00	37.16 0.51 0.00	41.41 0.51 0.00	42.43 0.52 0.00	38.34 0.56 0.00	58.98 1.04 0.00	69.81 1.43 0.00	90.59 1.53 0.00	32.12 0.57 0.00	29.14 0.52 0.00	30.37 0.51 0.00	34.21 0.66 0.00	38.99 0.83 0.00	37.65 0.83 0.00	35.19 0.80 0.00	36.08 0.90 0.00	38.53 0.96 0.00	44.98 1.16 0.00	76.15 1.90 0.00	119.25 2.72 0.00	43.91 1.04 0.00	35.98 0.81 0.00	36.02 0.68 0.00
COPENHAGEN_WT_PWR 323753	38.27 0.02 0.00	35.81 -0.36 0.00	36.36 -0.29 0.00	40.72 -0.17 0.00	42.31 0.40 0.00	38.50 0.72 0.00	104.68 1.39 -45.34	69.84 1.46 0.00	90.62 1.55 0.00	31.32 -0.23 0.00	27.78 -0.83 0.00	28.64 -1.22 0.00	32.29 -1.26 0.00	36.40 -1.75 0.00	35.34 -1.48 0.00	32.52 -1.87 0.00	33.99 -1.19 0.00	36.64 -0.94 0.00	43.18 -0.64 0.00	75.18 0.93 0.00	118.50 1.97 0.00	43.15 0.27 0.00	35.38 0.21 0.00	35.49 0.15 0.00
CORNELL_____ 23752	39.01 0.77 0.00	36.95 0.79 0.00	37.45 0.81 0.00	41.68 0.78 0.00	42.76 0.85 0.00	38.61 0.83 0.00	59.22 1.28 0.00	69.89 1.51 0.00	90.92 1.86 0.00	32.05 0.50 0.00	29.03 0.42 0.00	30.20 0.33 0.00	34.83 0.37 -0.91	39.06 0.24 -0.65	37.26 0.11 -0.33	34.67 0.11 -0.17	35.54 0.12 -0.24	40.36 0.29 -2.49	46.37 0.59 -1.95	75.49 1.24 0.00	118.66 2.13 0.00	43.49 0.61 0.00	35.62 0.45 0.00	35.83 0.49 0.00

CORONA__69_KV_TB1 355595	39.94 1.69 0.00	37.63 1.47 0.00	38.08 1.44 0.00	42.45 1.55 0.00	43.47 1.56 0.00	39.35 1.57 0.00	60.94 3.00 0.00	72.12 3.74 0.00	93.23 4.16 0.00	33.27 1.72 0.00	30.33 1.71 0.00	31.51 1.65 0.00	35.42 1.86 -0.01	40.31 2.15 0.00	40.78 2.23 -1.72	86.66 2.35 -49.92	49.95 2.52 -12.25	85.10 2.65 -44.87	67.11 3.07 -20.22	79.10 4.84 0.00	123.60 7.07 0.00	45.37 2.49 0.00	37.12 1.95 0.00	39.61 1.83 -2.45
CORTLAND__115KV_TB3 80093	38.66 0.41 0.00	36.60 0.44 0.00	37.08 0.44 0.00	41.31 0.41 0.00	42.34 0.43 0.00	38.20 0.42 0.00	63.10 0.63 -4.54	69.11 0.73 0.00	89.97 0.91 0.00	31.77 0.22 0.00	28.82 0.21 0.00	30.03 0.16 0.00	33.74 0.19 0.00	38.23 0.08 0.00	36.87 0.05 0.00	34.41 0.02 0.00	35.20 0.02 0.00	37.69 0.11 0.00	44.11 0.29 0.00	74.97 0.72 0.00	117.71 1.18 0.00	43.18 0.30 0.00	35.39 0.22 0.00	35.58 0.25 0.00
COXSACKIE__GT 23611	40.12 1.87 0.00	37.98 1.82 0.00	38.45 1.81 0.00	42.92 2.02 0.00	44.01 2.10 0.00	39.74 1.96 0.00	61.21 3.27 0.00	72.35 3.97 0.00	93.40 4.33 0.00	32.52 0.98 0.00	29.17 0.56 0.00	30.42 0.55 0.00	34.50 0.95 0.00	39.81 1.65 0.00	38.59 1.77 0.00	35.91 1.52 0.00	36.72 1.55 0.00	39.62 2.04 0.00	46.33 2.51 0.00	78.94 4.68 0.00	123.58 7.05 0.00	45.40 2.52 0.00	37.11 1.94 0.00	37.03 1.70 0.00
CPV_VALLEY__CC1 323721	38.69 0.45 0.00	36.66 0.50 0.00	37.11 0.46 0.00	41.35 0.45 0.00	42.38 0.46 0.00	38.31 0.52 0.00	58.97 1.03 0.00	69.87 1.49 0.00	90.62 1.56 0.00	32.16 0.61 0.00	29.18 0.57 0.00	30.40 0.54 0.00	34.23 0.68 0.00	39.05 0.89 0.00	37.73 0.92 0.00	35.30 0.91 0.00	36.20 1.02 0.00	38.66 1.08 0.00	45.12 1.30 0.00	76.36 2.10 0.00	119.47 2.94 0.00	44.01 1.13 0.00	36.06 0.89 0.00	36.05 0.71 0.00
CPV_VALLEY__CC2 323722	38.69 0.45 0.00	36.66 0.50 0.00	37.11 0.46 0.00	41.35 0.45 0.00	42.38 0.46 0.00	38.31 0.52 0.00	58.97 1.03 0.00	69.87 1.49 0.00	90.62 1.56 0.00	32.16 0.61 0.00	29.18 0.57 0.00	30.40 0.54 0.00	34.23 0.68 0.00	39.05 0.89 0.00	37.73 0.92 0.00	35.30 0.91 0.00	36.20 1.02 0.00	38.66 1.08 0.00	45.12 1.30 0.00	76.36 2.10 0.00	119.47 2.94 0.00	44.01 1.13 0.00	36.06 0.89 0.00	36.05 0.71 0.00
CRESCENT__HYD 24018	39.01 0.77 0.00	36.95 0.79 0.00	37.43 0.79 0.00	41.78 0.89 0.00	42.79 0.88 0.00	38.62 0.84 0.00	59.31 1.37 0.00	69.94 1.56 0.00	90.83 1.77 0.00	32.04 0.49 0.00	28.97 0.36 0.00	30.30 0.43 0.00	34.05 0.50 0.00	38.95 0.79 0.00	37.64 0.83 0.00	35.26 0.87 0.00	36.06 0.88 0.00	38.61 1.03 0.00	45.06 1.24 0.00	76.34 2.09 0.00	119.42 2.89 0.00	43.99 1.12 0.00	35.99 0.82 0.00	36.01 0.68 0.00
CRICKET__VALLEY_CC1 323756	38.82 0.57 0.00	36.73 0.57 0.00	37.19 0.54 0.00	41.46 0.57 0.00	42.44 0.54 0.00	38.39 0.61 0.00	59.26 1.32 0.00	70.29 1.91 0.00	91.19 2.13 0.00	32.31 0.76 0.00	29.35 0.73 0.00	30.61 0.74 0.00	34.44 0.89 0.00	39.31 1.15 0.00	37.94 1.12 0.00	35.51 1.12 0.00	36.42 1.25 0.00	38.93 1.35 0.00	45.40 1.58 0.00	76.78 2.53 0.00	120.03 3.50 0.00	44.20 1.33 0.00	36.18 1.01 0.00	36.16 0.83 0.00
CRICKET__VALLEY_CC2 323757	38.82 0.57 0.00	36.73 0.57 0.00	37.19 0.54 0.00	41.46 0.57 0.00	42.44 0.54 0.00	38.39 0.61 0.00	59.26 1.32 0.00	70.29 1.91 0.00	91.19 2.13 0.00	32.31 0.76 0.00	29.35 0.73 0.00	30.61 0.74 0.00	34.44 0.89 0.00	39.31 1.15 0.00	37.94 1.12 0.00	35.51 1.12 0.00	36.42 1.25 0.00	38.93 1.35 0.00	45.40 1.58 0.00	76.78 2.53 0.00	120.03 3.50 0.00	44.20 1.33 0.00	36.18 1.01 0.00	36.16 0.83 0.00
CRICKET__VALLEY_CC3 323758	38.82 0.57 0.00	36.73 0.57 0.00	37.19 0.54 0.00	41.46 0.57 0.00	42.44 0.54 0.00	38.39 0.61 0.00	59.26 1.32 0.00	70.29 1.91 0.00	91.19 2.13 0.00	32.31 0.76 0.00	29.35 0.73 0.00	30.61 0.74 0.00	34.44 0.89 0.00	39.31 1.15 0.00	37.94 1.12 0.00	35.51 1.12 0.00	36.42 1.25 0.00	38.93 1.35 0.00	45.40 1.58 0.00	76.78 2.53 0.00	120.03 3.50 0.00	44.20 1.33 0.00	36.18 1.01 0.00	36.16 0.83 0.00
CRUCIBLE__METL_DRP 24180	38.23 -0.01 0.00	36.19 0.03 0.00	36.68 0.04 0.00	40.79 -0.11 0.00	41.78 -0.13 0.00	37.64 -0.14 0.00	62.21 -0.35 -4.62	67.93 -0.45 0.00	88.41 -0.65 0.00	31.38 -0.17 0.00	28.49 -0.12 0.00	29.70 -0.17 0.00	33.38 -0.17 0.00	37.88 -0.27 0.00	36.53 -0.28 0.00	34.11 -0.27 0.00	34.88 -0.30 0.00	37.29 -0.29 0.00	43.56 -0.26 0.00	73.87 -0.38 0.00	116.04 -0.49 0.00	42.58 -0.30 0.00	34.96 -0.21 0.00	35.19 -0.14 0.00
DAHOWA__HYDRO 323763	39.28 1.03 0.00	37.19 1.02 0.00	37.69 1.05 0.00	42.13 1.23 0.00	43.14 1.22 0.00	39.03 1.25 0.00	60.17 2.23 0.00	70.81 2.43 0.00	91.74 2.68 0.00	32.07 0.53 0.00	28.95 0.34 0.00	30.27 0.41 0.00	34.03 0.48 0.00	38.86 0.71 0.00	37.60 0.78 0.00	35.32 0.93 0.00	36.18 1.00 0.00	38.85 1.27 0.00	45.50 1.68 0.00	77.29 3.04 0.00	120.97 4.44 0.00	44.43 1.56 0.00	36.32 1.16 0.00	36.33 1.00 0.00
DANC__LFGE 323619	37.99 -0.26 0.00	35.70 -0.46 0.00	36.21 -0.43 0.00	40.45 -0.45 0.00	41.79 -0.12 0.00	37.86 0.07 0.00	89.32 0.23 -31.15	68.52 0.14 0.00	89.02 -0.05 0.00	31.07 -0.47 0.00	27.80 -0.81 0.00	28.79 -1.07 0.00	32.43 -1.12 0.00	36.68 -1.48 0.00	35.53 -1.29 0.00	32.86 -1.53 0.00	34.06 -1.12 0.00	36.62 -0.96 0.00	43.03 -0.79 0.00	74.18 -0.07 0.00	116.75 0.22 0.00	42.64 -0.23 0.00	34.98 -0.19 0.00	35.13 -0.21 0.00
DANSKAMMER__1 23586	39.62 1.37 0.00	37.50 1.34 0.00	37.95 1.30 0.00	42.29 1.39 0.00	43.31 1.40 0.00	39.20 1.42 0.00	60.55 2.61 0.00	71.85 3.47 0.00	93.12 4.06 0.00	32.96 1.42 0.00	29.89 1.27 0.00	31.11 1.25 0.00	35.04 1.49 0.00	40.05 1.89 0.00	38.73 1.90 0.00	36.23 1.84 0.00	37.19 2.01 0.00	39.78 2.20 0.00	46.47 2.65 0.00	78.69 4.43 0.00	123.03 6.50 0.00	45.27 2.39 0.00	37.03 1.86 0.00	36.98 1.64 0.00
DANSKAMMER__2 23589	39.62 1.37 0.00	37.50 1.34 0.00	37.95 1.30 0.00	42.29 1.39 0.00	43.31 1.40 0.00	39.20 1.42 0.00	60.55 2.61 0.00	71.85 3.47 0.00	93.12 4.06 0.00	32.96 1.42 0.00	29.89 1.27 0.00	31.11 1.25 0.00	35.04 1.49 0.00	40.05 1.89 0.00	38.73 1.90 0.00	36.23 1.84 0.00	37.19 2.01 0.00	39.78 2.20 0.00	46.47 2.65 0.00	78.69 4.43 0.00	123.03 6.50 0.00	45.27 2.39 0.00	37.03 1.86 0.00	36.98 1.64 0.00
DANSKAMMER__3 23590	39.62 1.37 0.00	37.50 1.34 0.00	37.95 1.30 0.00	42.29 1.39 0.00	43.31 1.40 0.00	39.20 1.42 0.00	60.55 2.61 0.00	71.85 3.47 0.00	93.12 4.06 0.00	32.96 1.42 0.00	29.89 1.27 0.00	31.11 1.25 0.00	35.04 1.49 0.00	40.05 1.89 0.00	38.73 1.90 0.00	36.23 1.84 0.00	37.19 2.01 0.00	39.78 2.20 0.00	46.47 2.65 0.00	78.69 4.43 0.00	123.03 6.50 0.00	45.27 2.39 0.00	37.03 1.86 0.00	36.98 1.64 0.00

DANSKAMMER___4 23591	39.62 1.37 0.00	37.50 1.34 0.00	37.95 1.30 0.00	42.29 1.39 0.00	43.31 1.40 0.00	39.20 1.42 0.00	60.55 2.61 0.00	71.85 3.47 0.00	93.12 4.06 0.00	32.96 1.42 0.00	29.89 1.27 0.00	31.11 1.25 0.00	35.04 1.49 0.00	40.05 1.89 0.00	38.73 1.90 0.00	36.23 1.84 0.00	37.19 2.01 0.00	39.78 2.20 0.00	46.47 2.65 0.00	78.69 4.43 0.00	123.03 6.50 0.00	45.27 2.39 0.00	37.03 1.86 0.00	36.98 1.64 0.00
DANSKAMMER___DIESEL 23592	39.62 1.38 0.00	37.50 1.34 0.00	37.95 1.31 0.00	42.29 1.39 0.00	43.31 1.40 0.00	39.20 1.42 0.00	60.55 2.61 0.00	71.85 3.47 0.00	93.10 4.03 0.00	32.96 1.42 0.00	29.89 1.28 0.00	31.12 1.25 0.00	35.05 1.50 0.00	40.05 1.89 0.00	38.73 1.91 0.00	36.23 1.84 0.00	37.19 2.01 0.00	39.78 2.20 0.00	46.48 2.66 0.00	78.69 4.44 0.00	123.03 6.51 0.00	45.27 2.39 0.00	37.02 1.85 0.00	36.98 1.64 0.00
DARBY___SOLAR 323810	39.31 1.06 0.00	37.21 1.05 0.00	37.71 1.07 0.00	42.14 1.24 0.00	43.14 1.23 0.00	39.02 1.24 0.00	60.10 2.16 0.00	70.74 2.36 0.00	91.69 2.63 0.00	32.08 0.53 0.00	28.97 0.36 0.00	30.30 0.43 0.00	34.07 0.52 0.00	38.89 0.73 0.00	37.67 0.84 0.00	35.34 0.95 0.00	36.18 1.00 0.00	38.84 1.26 0.00	45.49 1.67 0.00	77.22 2.97 0.00	120.87 4.34 0.00	44.42 1.54 0.00	36.32 1.15 0.00	36.34 1.01 0.00
DASHVILLE___HYD 23610	39.31 1.06 0.00	37.24 1.08 0.00	37.69 1.05 0.00	42.00 1.11 0.00	43.03 1.12 0.00	38.90 1.12 0.00	59.98 2.05 0.00	71.19 2.81 0.00	92.33 3.27 0.00	32.73 1.18 0.00	29.64 1.03 0.00	30.86 0.99 0.00	34.78 1.22 0.00	39.78 1.62 0.00	38.39 1.57 0.00	35.94 1.55 0.00	36.87 1.69 0.00	39.41 1.83 0.00	45.99 2.17 0.00	77.82 3.57 0.00	121.72 5.19 0.00	44.81 1.94 0.00	36.66 1.49 0.00	36.64 1.31 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	40.16 1.91 0.00	37.67 1.51 0.00	38.15 1.51 0.00	42.81 1.91 0.00	43.92 2.01 0.00	39.87 2.09 0.00	61.88 3.94 0.00	72.62 4.24 0.00	93.34 4.28 0.00	33.37 1.82 0.00	30.42 1.81 0.00	31.21 1.34 0.00	35.03 1.47 0.00	39.87 1.71 0.00	38.85 1.92 -0.11	39.70 2.23 -3.08	38.45 2.51 -0.76	43.11 2.76 -2.77	48.04 2.97 -1.25	78.44 4.19 0.00	122.18 5.66 0.00	44.34 1.46 0.00	36.20 1.03 0.00	28.12 0.78 7.99
DELAWARE___LFGE 323621	39.14 0.90 0.00	37.13 0.97 0.00	37.62 0.98 0.00	41.93 1.04 0.00	42.99 1.08 0.00	38.76 0.98 0.00	59.52 1.58 0.00	70.34 1.96 0.00	91.35 2.29 0.00	32.31 0.77 0.00	29.34 0.73 0.00	30.65 0.79 0.00	34.56 1.00 0.00	39.25 1.09 0.00	37.80 0.98 0.00	35.30 0.91 0.00	36.11 0.93 0.00	38.60 1.02 0.00	45.09 1.27 0.00	76.27 2.02 0.00	119.63 3.10 0.00	44.05 1.17 0.00	36.08 0.91 0.00	36.21 0.87 0.00
DERFIELD_115KV_TB7 355931	38.22 -0.03 0.00	36.16 0.00 0.00	36.64 0.00 0.00	40.90 0.00 0.00	41.90 -0.01 0.00	37.78 0.00 0.00	63.92 0.02 -5.96	68.44 0.06 0.00	89.01 -0.06 0.00	31.48 -0.06 0.00	28.55 -0.06 0.00	29.83 -0.03 0.00	33.51 -0.04 0.00	38.11 -0.05 0.00	36.78 -0.04 0.00	34.35 -0.04 0.00	35.15 -0.03 0.00	37.58 0.00 0.00	43.87 0.05 0.00	74.39 0.14 0.00	116.67 0.14 0.00	42.96 0.08 0.00	35.20 0.04 0.00	35.34 0.00 0.00
DOGLEVILLE___HYD 23807	38.20 -0.04 0.00	36.17 0.01 0.00	36.59 -0.06 0.00	40.81 -0.09 0.00	41.78 -0.13 0.00	37.73 -0.05 0.00	64.10 0.20 -5.96	68.45 0.07 0.00	87.85 -1.21 0.00	30.56 -0.98 0.00	27.61 -1.00 0.00	29.07 -0.80 0.00	32.78 -0.77 0.00	37.26 -0.89 0.00	36.08 -0.74 0.00	33.74 -0.65 0.00	34.54 -0.64 0.00	37.21 -0.37 0.00	43.98 0.16 0.00	74.90 0.65 0.00	117.13 0.60 0.00	43.23 0.35 0.00	35.32 0.15 0.00	35.16 -0.17 0.00
DUNKIRK___115KV_TB_200 55889	38.60 0.35 0.00	36.52 0.36 0.00	37.00 0.36 0.00	41.03 0.13 0.00	41.95 0.04 0.00	37.90 0.12 0.00	57.27 -0.67 0.00	66.96 -1.42 0.00	87.92 -1.14 0.00	30.81 -0.73 0.00	27.92 -0.70 0.00	28.97 -0.89 0.00	31.64 -0.76 1.16	36.28 -1.06 0.81	34.96 -1.45 0.41	32.63 -1.55 0.21	33.15 -1.74 0.29	32.61 -1.94 3.03	39.27 -2.18 2.38	71.22 -3.03 0.00	112.72 -3.81 0.00	41.30 -1.58 0.00	34.30 -0.87 0.00	34.82 -0.51 0.00
DUNKIRK___1 23563	38.60 0.35 0.00	36.52 0.36 0.00	37.00 0.36 0.00	41.03 0.13 0.00	41.95 0.04 0.00	37.90 0.12 0.00	57.27 -0.67 0.00	66.96 -1.42 0.00	87.92 -1.14 0.00	30.81 -0.73 0.00	27.92 -0.70 0.00	28.97 -0.89 0.00	31.64 -0.76 1.16	36.28 -1.06 0.81	34.96 -1.45 0.41	32.63 -1.55 0.21	33.15 -1.74 0.29	32.61 -1.94 3.03	39.27 -2.18 2.38	71.22 -3.03 0.00	112.72 -3.81 0.00	41.30 -1.58 0.00	34.30 -0.87 0.00	34.82 -0.51 0.00
DUNKIRK___2 23564	38.60 0.35 0.00	36.52 0.36 0.00	37.00 0.36 0.00	41.03 0.13 0.00	41.95 0.04 0.00	37.90 0.12 0.00	57.27 -0.67 0.00	66.96 -1.42 0.00	87.92 -1.14 0.00	30.81 -0.73 0.00	27.92 -0.70 0.00	28.97 -0.89 0.00	31.64 -0.76 1.16	36.28 -1.06 0.81	34.96 -1.45 0.41	32.63 -1.55 0.21	33.15 -1.74 0.29	32.61 -1.94 3.03	39.27 -2.18 2.38	71.22 -3.03 0.00	112.72 -3.81 0.00	41.30 -1.58 0.00	34.30 -0.87 0.00	34.82 -0.51 0.00
DUNKIRK___3 23565	38.40 0.15 0.00	36.32 0.16 0.00	36.80 0.16 0.00	40.77 -0.13 0.00	41.72 -0.19 0.00	37.69 -0.09 0.00	56.88 -1.06 0.00	66.51 -1.87 0.00	87.42 -1.64 0.00	30.68 -0.86 0.00	27.85 -0.76 0.00	28.94 -0.92 0.00	31.47 -0.82 1.25	36.14 -1.14 0.88	34.88 -1.50 0.45	32.59 -1.57 0.23	33.09 -1.77 0.32	32.22 -2.05 3.31	38.92 -2.30 2.60	70.96 -3.29 0.00	112.24 -4.29 0.00	41.07 -1.81 0.00	34.09 -1.08 0.00	34.61 -0.72 0.00
DUNKIRK___4 23566	38.40 0.15 0.00	36.32 0.16 0.00	36.80 0.16 0.00	40.77 -0.13 0.00	41.72 -0.19 0.00	37.69 -0.09 0.00	56.88 -1.06 0.00	66.51 -1.87 0.00	87.42 -1.64 0.00	30.68 -0.86 0.00	27.85 -0.76 0.00	28.94 -0.92 0.00	31.47 -0.82 1.25	36.14 -1.14 0.88	34.88 -1.50 0.45	32.59 -1.57 0.23	33.09 -1.77 0.32	32.22 -2.05 3.31	38.92 -2.30 2.60	70.96 -3.29 0.00	112.24 -4.29 0.00	41.07 -1.81 0.00	34.09 -1.08 0.00	34.61 -0.72 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	39.41 1.17 0.00	37.31 1.15 0.00	37.75 1.10 0.00	42.04 1.15 0.00	43.08 1.17 0.00	39.00 1.22 0.00	60.20 2.26 0.00	71.48 3.10 0.00	92.62 3.56 0.00	32.92 1.37 0.00	29.93 1.32 0.00	31.17 1.30 0.00	35.04 1.49 0.00	39.95 1.79 0.00	38.65 1.83 0.00	36.19 1.80 0.00	37.14 1.96 0.00	39.64 2.06 0.00	46.24 2.42 0.00	78.17 3.92 0.00	122.16 5.63 0.00	44.97 2.09 0.00	36.81 1.64 0.00	36.78 1.44 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.30 1.06 0.00	37.21 1.05 0.00	37.66 1.01 0.00	41.96 1.06 0.00	43.00 1.09 0.00	38.91 1.13 0.00	60.02 2.09 0.00	71.19 2.81 0.00	92.27 3.21 0.00	32.69 1.14 0.00	29.63 1.02 0.00	30.84 0.97 0.00	34.75 1.20 0.00	39.71 1.56 0.00	38.37 1.55 0.00	35.89 1.51 0.00	36.84 1.66 0.00	39.40 1.82 0.00	46.00 2.18 0.00	77.90 3.65 0.00	121.88 5.35 0.00	44.86 1.98 0.00	36.70 1.53 0.00	36.67 1.34 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	39.43 1.19 0.00	37.31 1.15 0.00	37.71 1.07 0.00	41.99 1.09 0.00	43.03 1.12 0.00	38.98 1.20 0.00	60.26 2.32 0.00	71.72 3.34 0.00	92.88 3.81 -0.01	33.02 1.48 0.01	30.05 1.44 0.00	31.28 1.42 0.00	35.16 1.61 -0.01	40.08 1.92 0.01	38.78 1.96 0.00	36.29 1.90 0.00	37.27 2.09 0.00	39.74 2.17 0.01	46.36 2.55 0.01	78.31 4.05 0.00	122.41 5.88 0.00	45.16 2.28 0.00	37.00 1.83 0.00	36.90 1.57 0.00
E179THST_13_KV_LOAD 356214	39.59 1.35 0.00	37.45 1.29 0.00	37.85 1.21 0.00	42.13 1.23 0.00	43.18 1.27 0.00	39.12 1.34 0.00	60.49 2.56 0.00	72.03 3.65 0.00	93.32 4.25 -0.01	33.17 1.63 0.01	30.19 1.58 0.00	31.42 1.56 0.00	35.33 1.77 -0.01	40.25 2.11 0.01	38.95 2.14 0.00	36.46 2.07 0.00	37.44 2.27 0.00	39.93 2.36 0.01	46.59 2.77 0.01	78.68 4.43 0.00	122.99 6.46 0.00	45.37 2.50 0.00	37.17 2.00 0.00	37.06 1.72 0.00
EAST HAMPTON___GT 23717	40.41 2.17 0.00	38.04 1.88 0.00	38.50 1.86 0.00	43.23 2.33 0.00	44.38 2.47 0.00	40.31 2.52 0.00	62.59 4.65 0.00	73.39 5.01 0.00	94.39 5.32 0.00	33.72 2.17 0.00	30.73 2.12 0.00	31.48 1.62 0.00	35.34 1.79 0.00	40.22 2.06 0.00	39.20 2.27 -0.11	39.99 2.52 -3.08	38.71 2.77 -0.76	43.44 3.09 -2.77	47.81 2.74 -1.25	77.40 3.15 0.00	120.28 3.75 0.00	43.72 0.84 0.00	35.74 0.57 0.00	27.54 0.22 8.01
EAST RIVER___6 23660	39.52 1.27 0.00	37.38 1.22 0.00	37.81 1.16 0.00	42.09 1.19 0.00	43.14 1.23 0.00	39.09 1.31 0.00	60.40 2.46 0.00	71.87 3.49 0.00	93.15 4.09 0.00	33.11 1.57 0.00	30.16 1.54 0.00	31.38 1.51 0.00	35.25 1.70 0.00	40.20 2.05 0.00	38.89 2.07 0.00	36.40 2.01 0.00	37.39 2.21 0.00	39.85 2.28 0.00	46.48 2.66 0.00	78.57 4.32 0.00	122.68 6.15 0.00	45.22 2.34 0.00	37.03 1.86 0.00	36.95 1.62 0.00
EAST RIVER___7 23524	39.52 1.27 0.00	37.38 1.22 0.00	37.81 1.16 0.00	42.09 1.19 0.00	43.14 1.23 0.00	39.09 1.31 0.00	60.40 2.46 0.00	71.87 3.49 0.00	93.15 4.09 0.00	33.11 1.57 0.00	30.16 1.54 0.00	31.38 1.51 0.00	35.25 1.70 0.00	40.20 2.05 0.00	38.89 2.07 0.00	36.40 2.01 0.00	37.39 2.21 0.00	39.85 2.28 0.00	46.48 2.66 0.00	78.57 4.32 0.00	122.68 6.15 0.00	45.22 2.34 0.00	37.03 1.86 0.00	36.95 1.62 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	39.32 1.07 0.00	37.21 1.05 0.00	37.65 1.01 0.00	41.95 1.05 0.00	42.97 1.06 0.00	38.89 1.11 0.00	60.06 2.12 0.00	71.32 2.94 0.00	92.40 3.34 0.00	32.83 1.28 0.00	29.84 1.23 0.00	31.06 1.20 0.00	34.94 1.39 0.00	39.85 1.69 0.00	38.55 1.73 0.00	36.09 1.70 0.00	37.04 1.86 0.00	39.53 1.95 0.00	46.13 2.31 0.00	78.01 3.76 0.00	121.89 5.36 0.00	44.87 1.99 0.00	36.73 1.56 0.00	36.70 1.36 0.00
EAST_HAMPTON___DIESEL 23722	40.40 2.16 0.00	38.04 1.88 0.00	38.51 1.87 0.00	43.24 2.34 0.00	44.39 2.48 0.00	40.32 2.54 0.00	62.61 4.67 0.00	73.39 5.01 0.00	94.42 5.35 0.00	33.73 2.19 0.00	30.74 2.12 0.00	31.48 1.62 0.00	35.35 1.80 0.00	40.23 2.08 0.00	39.21 2.28 -0.11	39.99 2.52 -3.08	38.71 2.77 -0.76	43.44 3.09 -2.77	47.72 2.65 -1.25	77.18 2.92 0.00	119.91 3.38 0.00	43.59 0.72 0.00	35.63 0.46 0.00	27.45 0.12 8.01
EAST_POINT___SOLAR 323840	41.10 2.86 0.00	38.81 2.65 0.00	39.30 2.66 0.00	43.89 3.00 0.00	45.09 3.18 0.00	40.77 2.99 0.00	62.72 4.78 0.00	73.34 4.96 0.00	92.59 3.53 0.00	32.05 0.50 0.00	29.30 0.69 0.00	30.86 1.00 0.00	35.04 1.49 0.00	39.37 1.21 0.00	38.08 1.26 0.00	35.36 0.97 0.00	36.46 1.28 0.00	39.22 1.64 0.00	46.55 2.73 0.00	79.96 5.70 0.00	125.90 9.37 0.00	46.33 3.45 0.00	37.86 2.69 0.00	38.05 2.72 0.00
EAST_PULASKI___ESR 323781	37.79 -0.46 0.00	35.66 -0.50 0.00	36.15 -0.49 0.00	40.27 -0.62 0.00	41.39 -0.52 0.00	37.27 -0.51 0.00	73.91 -0.88 -16.85	67.28 -1.10 0.00	87.54 -1.52 0.00	30.87 -0.68 0.00	27.86 -0.75 0.00	28.98 -0.88 0.00	32.66 -0.89 0.00	37.04 -1.12 0.00	35.79 -1.02 0.00	33.26 -1.13 0.00	34.21 -0.96 0.00	36.68 -0.90 0.00	42.94 -0.88 0.00	73.36 -0.89 0.00	115.34 -1.19 0.00	42.26 -0.62 0.00	34.69 -0.48 0.00	34.87 -0.47 0.00
EAST_RIVER___1 323558	39.48 1.23 0.00	37.35 1.19 0.00	37.77 1.13 0.00	42.05 1.16 0.00	43.10 1.19 0.00	39.06 1.27 0.00	60.36 2.42 0.00	71.82 3.44 0.00	93.05 3.98 0.00	33.07 1.53 0.00	30.11 1.50 0.00	31.34 1.47 0.00	35.21 1.66 0.00	40.15 2.00 0.00	38.84 2.02 0.00	36.35 1.97 0.00	37.34 2.16 0.00	39.80 2.22 0.00	46.42 2.60 0.00	78.49 4.24 0.00	122.60 6.07 0.00	45.17 2.29 0.00	36.98 1.81 0.00	36.92 1.58 0.00
EAST_RIVER___2 323559	39.52 1.27 0.00	37.38 1.22 0.00	37.81 1.16 0.00	42.09 1.19 0.00	43.14 1.23 0.00	39.09 1.31 0.00	60.40 2.46 0.00	71.87 3.49 0.00	93.15 4.09 0.00	33.11 1.57 0.00	30.16 1.54 0.00	31.38 1.51 0.00	35.25 1.70 0.00	40.20 2.05 0.00	38.89 2.07 0.00	36.40 2.01 0.00	37.39 2.21 0.00	39.85 2.28 0.00	46.48 2.66 0.00	78.57 4.32 0.00	122.68 6.15 0.00	45.22 2.34 0.00	37.03 1.86 0.00	36.95 1.62 0.00
EAST___DELAWARE_HYD 23607	39.50 1.26 0.00	37.67 1.51 0.00	38.17 1.53 0.00	42.57 1.68 0.00	43.64 1.73 0.00	39.51 1.73 0.00	60.97 3.03 0.00	72.27 3.89 0.00	93.66 4.59 0.00	33.06 1.52 0.00	29.91 1.29 0.00	31.09 1.23 0.00	35.23 1.68 0.00	40.24 2.08 0.00	38.83 2.01 0.00	36.31 1.92 0.00	37.26 2.08 0.00	39.91 2.33 0.00	46.66 2.83 0.00	79.04 4.79 0.00	123.66 7.13 0.00	45.47 2.59 0.00	37.19 2.02 0.00	37.18 1.84 0.00
EIGHT_POINT___WT_PWR 323820	38.32 0.08 0.00	36.29 0.13 0.00	36.64 0.00 0.00	40.80 -0.10 0.00	42.09 0.18 0.00	38.02 0.24 0.00	57.85 -0.08 0.00	68.02 -0.36 0.00	88.60 -0.46 0.00	30.62 -0.93 0.00	27.26 -1.36 0.00	28.05 -1.82 0.00	39.97 -2.16 -8.59	41.33 -3.00 -6.17	36.67 -3.31 -3.15	32.66 -3.33 -1.60	34.23 -3.22 -2.27	57.51 -3.46 -23.40	58.15 -4.06 -18.39	68.71 -5.55 -0.01	108.78 -7.75 0.00	40.31 -2.57 0.00	32.90 -2.27 0.00	33.19 -2.15 0.00
ELBRIDGE_115KV_TB2 80188	38.06 -0.18 0.00	36.03 -0.13 0.00	36.53 -0.11 0.00	40.60 -0.30 0.00	41.58 -0.32 0.00	37.50 -0.28 0.00	61.51 -0.60 -4.17	67.63 -0.75 0.00	88.00 -1.06 0.00	31.23 -0.31 0.00	28.37 -0.24 0.00	29.56 -0.31 0.00	33.21 -0.34 0.00	37.69 -0.47 0.00	36.32 -0.50 0.00	33.94 -0.45 0.00	34.72 -0.46 0.00	37.06 -0.52 0.00	43.33 -0.49 0.00	73.39 -0.86 0.00	115.39 -1.14 0.00	42.34 -0.54 0.00	34.77 -0.40 0.00	35.03 -0.31 0.00
ELEC_TRO_TEK 24086	39.71 1.47 0.00	37.43 1.27 0.00	37.89 1.25 0.00	42.24 1.34 0.00	43.26 1.35 0.00	39.16 1.39 0.00	60.63 2.70 0.00	71.77 3.40 0.00	92.75 3.69 0.00	33.11 1.57 0.00	30.16 1.55 0.00	31.35 1.48 0.00	35.21 1.66 -0.01	40.10 1.94 0.00	39.67 2.04 -0.81	60.16 2.19 -23.59	43.31 2.34 -5.79	61.27 2.49 -21.20	56.22 2.84 -9.55	78.74 4.49 0.00	123.02 6.49 0.00	45.13 2.25 0.00	36.89 1.72 0.00	38.11 1.59 -1.19

ELLENBURG_WT_PWR 323604	38.25 0.00 0.00	35.88 -0.29 0.00	36.50 -0.14 0.00	41.32 0.43 0.00	42.57 0.66 0.00	38.54 0.76 0.00	162.63 1.48 -103.22	69.51 1.12 0.00	91.07 2.01 0.00	32.06 0.51 0.00	28.79 0.18 0.00	29.91 0.05 0.00	33.36 -0.19 0.00	37.89 -0.27 0.00	36.51 -0.31 0.00	34.39 0.00 0.00	35.16 -0.02 0.00	37.71 0.13 0.00	43.94 0.12 0.00	74.17 -0.08 0.00	116.51 -0.02 0.00	42.83 -0.05 0.00	35.04 -0.13 0.00	35.41 0.08 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	37.84 -0.41 0.00	35.74 -0.42 0.00	36.21 -0.43 0.00	39.96 -0.94 0.00	40.98 -0.93 0.00	37.13 -0.65 0.00	55.55 -2.39 0.00	64.94 -3.44 0.00	85.77 -3.29 0.00	30.31 -1.24 0.00	27.67 -0.95 0.00	28.79 -1.07 0.00	30.74 -1.10 1.72	35.47 -1.47 1.22	34.47 -1.73 0.62	32.34 -1.73 0.32	32.74 -2.00 0.45	30.36 -2.61 4.61	37.31 -2.89 3.62	69.61 -4.64 0.00	110.37 -6.16 0.00	40.23 -2.64 0.00	33.44 -1.73 0.00	34.02 -1.32 0.00
EMPIRE_CC_1 323656	38.70 0.45 0.00	36.66 0.50 0.00	37.13 0.49 0.00	41.44 0.54 0.00	42.43 0.53 0.00	38.24 0.46 0.00	58.47 0.53 0.00	68.96 0.58 0.00	89.55 0.48 0.00	31.83 0.29 0.00	28.81 0.20 0.00	29.96 0.09 0.00	33.74 0.19 0.00	38.87 0.72 0.00	37.53 0.71 0.00	35.12 0.73 0.00	35.87 0.69 0.00	38.26 0.68 0.00	44.55 0.73 0.00	75.33 1.07 0.00	117.91 1.38 0.00	43.48 0.60 0.00	35.56 0.39 0.00	35.58 0.24 0.00
EMPIRE_CC_2 323658	38.70 0.45 0.00	36.66 0.50 0.00	37.13 0.49 0.00	41.44 0.54 0.00	42.43 0.53 0.00	38.24 0.46 0.00	58.47 0.53 0.00	68.96 0.58 0.00	89.55 0.48 0.00	31.83 0.29 0.00	28.81 0.20 0.00	29.96 0.09 0.00	33.74 0.19 0.00	38.87 0.72 0.00	37.53 0.71 0.00	35.12 0.73 0.00	35.87 0.69 0.00	38.26 0.68 0.00	44.55 0.73 0.00	75.33 1.07 0.00	117.91 1.38 0.00	43.48 0.60 0.00	35.56 0.39 0.00	35.58 0.24 0.00
ENORWICH_115KV_TB1 80156	40.96 2.72 0.00	38.84 2.68 0.00	39.46 2.82 0.00	43.94 3.04 0.00	45.28 3.37 0.00	41.04 3.25 0.00	63.38 5.44 0.00	74.70 6.32 0.00	96.81 7.74 0.00	33.66 2.12 0.00	30.33 1.71 0.00	31.47 1.60 0.00	35.98 1.96 -0.47	40.33 1.83 -0.34	38.22 1.22 -0.17	35.64 1.16 -0.09	36.21 0.91 -0.13	40.36 1.49 -1.30	46.68 1.84 -1.02	77.38 3.13 0.00	122.21 5.68 0.00	44.72 1.84 0.00	36.42 1.25 0.00	36.81 1.47 0.00
ERIE_ST_34_KV_TB1-2 80199	38.29 0.05 0.00	36.18 0.02 0.00	36.65 0.01 0.00	40.47 -0.42 0.00	41.51 -0.40 0.00	37.61 -0.17 0.00	56.39 -1.55 0.00	65.98 -2.40 0.00	87.15 -1.91 0.00	30.73 -0.82 0.00	28.02 -0.60 0.00	29.21 -0.65 0.00	31.44 -0.66 1.45	36.15 -0.98 1.02	35.05 -1.24 0.52	32.84 -1.28 0.27	33.30 -1.50 0.37	31.60 -2.11 3.87	38.44 -2.34 3.04	70.78 -3.47 0.00	111.94 -4.59 0.00	40.75 -2.13 0.00	33.79 -1.38 0.00	34.32 -1.01 0.00
ERIE_WT_PWR 323693	38.17 -0.08 0.00	36.00 -0.16 0.00	36.47 -0.18 0.00	40.22 -0.67 0.00	41.24 -0.67 0.00	37.41 -0.37 0.00	56.02 -1.92 0.00	65.51 -2.87 0.00	86.42 -2.64 0.00	30.55 -1.00 0.00	27.88 -0.74 0.00	28.99 -0.87 0.00	31.14 -0.86 1.55	35.86 -1.20 1.10	34.81 -1.45 0.56	32.63 -1.48 0.28	33.00 -1.78 0.40	31.11 -2.33 4.15	38.00 -2.56 3.26	70.15 -4.10 0.00	111.18 -5.35 0.00	40.50 -2.38 0.00	33.64 -1.52 0.00	34.24 -1.10 0.00
ESPRGFLD_115KV_TB1 80157	40.36 2.12 0.00	38.18 2.02 0.00	38.69 2.05 0.00	43.16 2.26 0.00	44.33 2.42 0.00	40.02 2.24 0.00	61.47 3.53 0.00	72.55 4.18 0.00	93.94 4.87 0.00	33.04 1.49 0.00	30.08 1.46 0.00	31.44 1.58 0.00	35.44 1.89 0.00	39.91 1.75 0.00	38.48 1.66 0.00	35.83 1.44 0.00	36.74 1.56 0.00	39.24 1.66 0.00	46.01 2.19 0.00	78.23 3.97 0.00	123.23 6.70 0.00	45.35 2.47 0.00	37.12 1.95 0.00	37.39 2.05 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	38.96 0.71 0.00	36.90 0.74 0.00	37.41 0.76 0.00	41.63 0.73 0.00	42.70 0.79 0.00	38.56 0.78 0.00	62.28 1.18 -3.15	69.77 1.39 0.00	90.74 1.68 0.00	32.00 0.45 0.00	28.99 0.38 0.00	30.16 0.30 0.00	34.64 0.33 -0.76	38.92 0.22 -0.55	37.18 0.08 -0.28	34.61 0.08 -0.14	35.47 0.09 -0.20	39.91 0.25 -2.08	45.98 0.53 -1.63	75.36 1.10 0.00	118.45 1.92 0.00	43.41 0.53 0.00	35.57 0.40 0.00	35.78 0.45 0.00
ETNA____115KV_TB2 80207	38.96 0.71 0.00	36.90 0.74 0.00	37.41 0.76 0.00	41.63 0.73 0.00	42.70 0.79 0.00	38.56 0.78 0.00	62.28 1.18 -3.15	69.77 1.39 0.00	90.74 1.68 0.00	32.00 0.45 0.00	28.99 0.38 0.00	30.16 0.30 0.00	34.64 0.33 -0.76	38.92 0.22 -0.55	37.18 0.08 -0.28	34.61 0.08 -0.14	35.47 0.09 -0.20	39.91 0.25 -2.08	45.98 0.53 -1.63	75.36 1.10 0.00	118.45 1.92 0.00	43.41 0.53 0.00	35.57 0.40 0.00	35.78 0.45 0.00
EUCLID____115KV_TB2 356179	37.85 -0.39 0.00	35.82 -0.34 0.00	36.30 -0.34 0.00	40.40 -0.50 0.00	41.40 -0.51 0.00	37.28 -0.50 0.00	62.33 -0.97 -5.36	67.21 -1.17 0.00	87.58 -1.49 0.00	31.08 -0.47 0.00	28.24 -0.38 0.00	29.45 -0.42 0.00	33.10 -0.45 0.00	37.58 -0.58 0.00	36.26 -0.56 0.00	33.82 -0.57 0.00	34.57 -0.60 0.00	36.93 -0.65 0.00	43.11 -0.72 0.00	73.12 -1.13 0.00	114.86 -1.67 0.00	42.18 -0.70 0.00	34.65 -0.52 0.00	34.88 -0.46 0.00
E_CANADA_CAP_HY 24051	40.71 2.46 0.00	38.42 2.26 0.00	38.92 2.28 0.00	43.46 2.56 0.00	44.64 2.73 0.00	40.29 2.51 0.00	61.72 3.79 0.00	72.69 4.31 0.00	93.50 4.44 0.00	32.71 1.16 0.00	29.75 1.14 0.00	31.16 1.29 0.00	35.14 1.59 0.00	39.52 1.36 0.00	38.22 1.40 0.00	35.47 1.08 0.00	36.43 1.26 0.00	38.97 1.40 0.00	45.89 2.07 0.00	78.33 4.08 0.00	123.57 7.04 0.00	45.62 2.75 0.00	37.34 2.17 0.00	37.64 2.30 0.00
E_CANADA_MHWK_HY 24050	38.20 -0.04 0.00	36.17 0.01 0.00	36.59 -0.06 0.00	40.81 -0.09 0.00	41.78 -0.13 0.00	37.73 -0.05 0.00	64.10 0.20 -5.96	68.45 0.07 0.00	87.85 -1.21 0.00	30.56 -0.98 0.00	27.61 -1.00 0.00	29.07 -0.80 0.00	32.78 -0.77 0.00	37.26 -0.89 0.00	36.08 -0.74 0.00	33.74 -0.65 0.00	34.54 -0.64 0.00	37.21 -0.37 0.00	43.98 0.16 0.00	74.90 0.65 0.00	117.13 0.60 0.00	43.23 0.35 0.00	35.32 0.15 0.00	35.16 -0.17 0.00
E_FISHKILL____LBMP 23776	39.10 0.86 0.00	37.02 0.86 0.00	37.46 0.83 0.00	41.75 0.85 0.00	42.75 0.84 0.00	38.67 0.89 0.00	59.64 1.70 0.00	70.74 2.36 0.00	91.72 2.66 0.00	32.55 1.00 0.00	29.56 0.95 0.00	30.81 0.94 0.00	34.66 1.11 0.00	39.54 1.39 0.00	38.24 1.42 0.00	35.78 1.39 0.00	36.71 1.53 0.00	39.20 1.62 0.00	45.73 1.91 0.00	77.33 3.08 0.00	120.91 4.38 0.00	44.53 1.65 0.00	36.45 1.28 0.00	36.44 1.10 0.00
FALCON____SEABRD_CC1 323796	38.38 0.14 0.00	36.00 -0.16 0.00	36.64 0.00 0.00	41.65 0.75 0.00	43.04 1.13 0.00	39.06 1.28 0.00	165.21 2.40 -104.88	69.99 1.61 0.00	92.14 3.08 0.00	32.38 0.83 0.00	28.97 0.36 0.00	30.11 0.25 0.00	33.52 -0.03 0.00	38.11 -0.05 0.00	36.76 -0.06 0.00	34.63 0.24 0.00	35.42 0.25 0.00	38.01 0.43 0.00	44.24 0.42 0.00	74.37 0.11 0.00	116.56 0.03 0.00	43.03 0.15 0.00	35.38 0.21 0.00	35.81 0.48 0.00

FALCON___SEABRD_CC2 323797	38.38 0.14 0.00	36.00 -0.16 0.00	36.64 0.00 0.00	41.65 0.75 0.00	43.04 1.13 0.00	39.06 1.28 0.00	165.21 2.40 -104.88	69.99 1.61 0.00	92.14 3.08 0.00	32.38 0.83 0.00	28.97 0.36 0.00	30.11 0.25 0.00	33.52 -0.03 0.00	38.11 -0.05 0.00	36.76 -0.06 0.00	34.63 0.24 0.00	35.42 0.25 0.00	38.01 0.43 0.00	44.24 0.42 0.00	74.37 0.11 0.00	116.56 0.03 0.00	43.03 0.15 0.00	35.38 0.21 0.00	35.81 0.48 0.00
FAR ROCKAWAY___4 23548	40.18 1.93 0.00	37.85 1.69 0.00	38.32 1.67 0.00	42.72 1.82 0.00	43.73 1.82 0.00	39.60 1.82 0.00	61.36 3.42 0.00	72.60 4.22 0.00	93.89 4.83 0.00	33.49 1.94 0.00	30.52 1.91 0.00	31.72 1.85 0.00	35.66 2.10 -0.01	40.54 2.38 0.00	41.12 2.47 -1.83	89.89 2.62 -52.89	50.92 2.76 -12.98	88.06 2.94 -47.54	68.67 3.43 -21.42	79.69 5.44 0.00	124.50 7.98 0.00	45.70 2.82 0.00	37.36 2.19 0.00	39.99 2.07 -2.58
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	39.49 1.25 0.00	37.37 1.21 0.00	37.77 1.13 0.00	42.07 1.17 0.00	43.11 1.21 0.00	39.06 1.28 0.00	60.37 2.43 0.00	71.82 3.45 0.00	93.03 3.97 0.00	33.08 1.53 0.00	30.11 1.50 0.00	31.33 1.46 0.00	35.21 1.66 0.00	40.15 2.00 0.00	38.85 2.03 0.00	36.35 1.97 0.00	37.33 2.15 0.00	39.81 2.23 0.00	46.43 2.61 0.00	78.50 4.25 0.00	122.64 6.11 0.00	45.17 2.29 0.00	36.98 1.81 0.00	36.92 1.58 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	39.52 1.27 0.00	37.38 1.22 0.00	37.80 1.16 0.00	42.08 1.19 0.00	43.13 1.22 0.00	39.08 1.30 0.00	60.38 2.44 0.00	71.84 3.46 0.00	93.05 3.99 0.00	33.09 1.54 0.00	30.12 1.51 0.00	31.35 1.48 0.00	35.22 1.67 0.00	40.15 2.00 0.00	38.86 2.03 0.00	36.36 1.97 0.00	37.34 2.16 0.00	39.82 2.24 0.00	46.45 2.63 0.00	78.53 4.28 0.00	122.68 6.15 0.00	45.20 2.32 0.00	37.00 1.83 0.00	36.94 1.60 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	39.48 1.23 0.00	37.34 1.18 0.00	37.77 1.13 0.00	42.05 1.15 0.00	43.09 1.18 0.00	39.05 1.27 0.00	60.32 2.38 0.00	71.79 3.41 0.00	92.99 3.93 0.00	33.06 1.51 0.00	30.10 1.48 0.00	31.31 1.45 0.00	35.19 1.65 0.00	40.14 1.98 0.00	38.82 2.00 0.00	36.33 1.94 0.00	37.32 2.14 0.00	39.79 2.21 0.00	46.42 2.60 0.00	78.46 4.21 0.00	122.57 6.04 0.00	45.14 2.26 0.00	36.97 1.80 0.00	36.90 1.56 0.00
FARRAGUT___LBMP 323566	39.45 1.20 0.00	37.33 1.17 0.00	37.73 1.09 0.00	42.03 1.13 0.00	43.07 1.16 0.00	39.02 1.24 0.00	60.29 2.35 0.00	71.73 3.34 0.00	92.90 3.84 0.00	33.03 1.48 0.00	30.07 1.46 0.00	31.28 1.42 0.00	35.15 1.61 0.00	40.08 1.93 0.00	38.79 1.97 0.00	36.29 1.90 0.00	37.28 2.10 0.00	39.75 2.17 0.00	46.38 2.56 0.00	78.41 4.15 0.00	122.45 5.92 0.00	45.12 2.24 0.00	36.93 1.76 0.00	36.88 1.54 0.00
FENNER___WINDPWR 24204	38.87 0.62 0.00	36.74 0.58 0.00	37.24 0.59 0.00	41.53 0.63 0.00	42.60 0.69 0.00	38.48 0.70 0.00	67.13 1.16 -8.03	69.79 1.41 0.00	90.83 1.76 0.00	31.98 0.44 0.00	29.02 0.41 0.00	30.17 0.31 0.00	33.91 0.35 0.00	38.41 0.26 0.00	37.11 0.29 0.00	34.67 0.27 0.00	35.49 0.31 0.00	37.94 0.36 0.00	44.43 0.61 0.00	75.67 1.42 0.00	118.79 2.26 0.00	43.59 0.72 0.00	35.66 0.49 0.00	35.83 0.49 0.00
FIBERTEK___ENERGY 23856	38.23 -0.01 0.00	36.19 0.03 0.00	36.68 0.04 0.00	40.79 -0.11 0.00	41.78 -0.13 0.00	37.64 -0.14 0.00	62.21 -0.35 -4.62	67.93 -0.45 0.00	88.41 -0.65 0.00	31.38 -0.17 0.00	28.49 -0.12 0.00	29.70 -0.17 0.00	33.38 -0.17 0.00	37.88 -0.27 0.00	36.53 -0.28 0.00	34.11 -0.27 0.00	34.88 -0.30 0.00	37.29 -0.29 0.00	43.56 -0.26 0.00	73.87 -0.38 0.00	116.04 -0.49 0.00	42.58 -0.30 0.00	34.96 -0.21 0.00	35.19 -0.14 0.00
FITZPATRICK____ 23598	37.27 -0.97 0.00	35.26 -0.90 0.00	35.74 -0.90 0.00	39.81 -1.09 0.00	40.77 -1.14 0.00	36.67 -1.11 0.00	56.01 -1.93 0.00	66.07 -2.31 0.00	86.08 -2.99 0.00	30.59 -0.96 0.00	27.79 -0.82 0.00	29.01 -0.86 0.00	32.59 -0.96 0.00	36.99 -1.16 0.00	35.70 -1.12 0.00	33.33 -1.06 0.00	34.06 -1.12 0.00	36.36 -1.22 0.00	42.43 -1.39 0.00	71.93 -2.32 0.00	112.97 -3.56 0.00	41.52 -1.35 0.00	34.12 -1.04 0.00	34.37 -0.96 0.00
FLOWRFLD_69_KV_BK1 356044	39.90 1.66 0.00	37.43 1.27 0.00	37.90 1.26 0.00	42.40 1.50 0.00	43.44 1.53 0.00	39.38 1.60 0.00	61.11 3.17 0.00	71.99 3.61 0.00	92.78 3.72 0.00	33.19 1.65 0.00	30.23 1.61 0.00	31.19 1.33 0.00	35.01 1.46 0.00	39.86 1.70 0.00	38.82 1.89 -0.11	39.88 2.25 -3.24	38.51 2.54 -0.80	43.16 2.66 -2.91	48.24 3.11 -1.31	79.13 4.88 0.00	123.57 7.04 0.00	44.98 2.10 0.00	36.72 1.55 0.00	36.57 1.36 0.12
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	39.69 1.45 0.00	37.55 1.39 0.00	38.00 1.36 0.00	42.35 1.46 0.00	43.38 1.47 0.00	39.26 1.48 0.00	60.65 2.71 0.00	71.99 3.61 0.00	93.28 4.22 0.00	33.02 1.48 0.00	29.94 1.33 0.00	31.18 1.31 0.00	35.11 1.56 0.00	40.12 1.97 0.00	38.80 1.98 0.00	36.30 1.91 0.00	37.25 2.08 0.00	39.85 2.28 0.00	46.56 2.74 0.00	78.82 4.57 0.00	123.26 6.73 0.00	45.35 2.47 0.00	37.09 1.92 0.00	37.02 1.69 0.00
FORT ORANGE____ 23900	38.75 0.51 0.00	36.72 0.56 0.00	37.17 0.52 0.00	41.46 0.57 0.00	42.46 0.55 0.00	38.26 0.47 0.00	58.72 0.78 0.00	69.33 0.95 0.00	89.89 0.83 0.00	31.80 0.25 0.00	28.76 0.15 0.00	30.01 0.15 0.00	33.76 0.21 0.00	38.83 0.67 0.00	37.49 0.67 0.00	35.00 0.61 0.00	35.79 0.61 0.00	38.35 0.77 0.00	44.71 0.89 0.00	75.70 1.45 0.00	118.49 1.96 0.00	43.66 0.78 0.00	35.77 0.60 0.00	35.74 0.40 0.00
FORT_DRUM_COGEN 23780	38.58 0.33 0.00	36.17 0.00 0.00	36.70 0.06 0.00	41.09 0.19 0.00	42.60 0.69 0.00	38.76 0.98 0.00	110.72 1.85 -50.93	70.37 1.98 0.00	91.31 2.24 0.00	31.55 0.00 0.00	27.98 -0.64 0.00	28.85 -1.01 0.00	32.51 -1.04 0.00	36.69 -1.47 0.00	35.67 -1.15 0.00	32.84 -1.54 0.00	34.33 -0.85 0.00	37.08 -0.50 0.00	43.72 -0.10 0.00	75.94 1.69 0.00	119.68 3.15 0.00	43.59 0.71 0.00	35.70 0.53 0.00	35.78 0.45 0.00
FOX_HILLS___ESR 323835	57.27 1.53 -17.49	55.93 1.50 -18.26	55.38 1.47 -17.26	55.38 1.55 -12.93	55.39 1.57 -11.91	56.04 1.59 -16.66	62.34 2.75 -1.65	79.24 3.88 -6.98	109.48 4.49 -15.92	62.52 1.66 -29.32	57.46 1.60 -27.25	53.90 1.56 -22.48	56.45 1.86 -21.04	58.59 2.23 -18.21	64.48 2.21 -25.45	57.38 2.16 -20.82	62.10 2.31 -24.61	57.20 2.40 -17.23	58.91 2.90 -12.19	89.13 4.64 -10.24	134.71 6.76 -11.42	98.28 2.62 -52.78	62.48 2.09 -25.21	57.50 1.90 -20.26
FPL FAR_ROCK_GT1 24212	40.18 1.93 0.00	37.86 1.69 0.00	38.31 1.67 0.00	42.72 1.82 0.00	43.73 1.82 0.00	39.60 1.81 0.00	61.36 3.42 0.00	72.60 4.22 0.00	93.90 4.84 0.00	33.48 1.94 0.00	30.53 1.92 0.00	31.71 1.85 0.00	35.66 2.10 -0.01	40.54 2.38 0.00	41.11 2.46 -1.83	89.89 2.62 -52.89	50.92 2.76 -12.98	88.06 2.93 -47.54	68.65 3.41 -21.42	79.69 5.44 0.00	124.50 7.97 0.00	45.70 2.83 0.00	37.38 2.21 0.00	39.99 2.07 -2.58



FPL FAR_ROCK_GT2 23815	40.18 1.93 0.00	37.86 1.69 0.00	38.31 1.67 0.00	42.72 1.82 0.00	43.73 1.82 0.00	39.60 1.81 0.00	61.36 3.42 0.00	72.60 4.22 0.00	93.90 4.84 0.00	33.48 1.94 0.00	30.53 1.92 0.00	31.71 1.85 0.00	35.66 2.10 -0.01	40.54 2.38 0.00	41.11 2.46 -1.83	89.89 2.62 -52.89	50.92 2.76 -12.98	88.06 2.93 -47.54	68.65 3.41 -21.42	79.69 5.44 0.00	124.50 7.97 0.00	45.70 2.83 0.00	37.38 2.21 0.00	39.99 2.07 -2.58
FRANKLIN_FALL_HYD 24054	38.61 0.36 0.00	36.16 0.00 0.00	36.79 0.14 0.00	41.56 0.66 0.00	42.79 0.88 0.00	38.75 0.97 0.00	189.73 1.93 -129.86	70.22 1.84 0.00	92.11 3.05 0.00	32.46 0.91 0.00	29.11 0.50 0.00	30.13 0.27 0.00	33.62 0.07 0.00	38.19 0.03 0.00	36.76 -0.07 0.00	34.58 0.19 0.00	35.40 0.22 0.00	38.00 0.42 0.00	44.35 0.53 0.00	75.16 0.90 0.00	118.22 1.69 0.00	43.39 0.51 0.00	35.44 0.28 0.00	35.76 0.43 0.00
FREEPORT_EQUS_GT1 23764	39.83 1.58 0.00	37.52 1.36 0.00	37.96 1.32 0.00	42.34 1.45 0.00	43.35 1.44 0.00	39.24 1.46 0.00	60.82 2.88 0.00	71.95 3.57 0.00	92.61 3.55 0.00	33.17 1.63 0.00	30.20 1.59 0.00	31.40 1.54 0.00	35.25 1.70 -0.01	40.14 1.98 0.00	39.61 2.07 -0.72	57.58 2.31 -20.88	42.73 2.43 -5.13	58.99 2.64 -18.77	55.32 3.04 -8.46	79.05 4.80 0.00	123.56 7.03 0.00	45.27 2.39 0.00	37.00 1.83 0.00	38.09 1.70 -1.06
FREEPORT___CT2 23818	39.83 1.58 0.00	37.52 1.36 0.00	37.96 1.32 0.00	42.34 1.45 0.00	43.35 1.44 0.00	39.24 1.46 0.00	60.82 2.88 0.00	71.95 3.57 0.00	92.61 3.55 0.00	33.17 1.63 0.00	30.20 1.59 0.00	31.40 1.54 0.00	35.25 1.70 -0.01	40.14 1.98 0.00	39.61 2.07 -0.72	57.58 2.31 -20.88	42.73 2.43 -5.13	58.99 2.64 -18.77	55.32 3.04 -8.46	79.05 4.80 0.00	123.56 7.03 0.00	45.27 2.39 0.00	37.00 1.83 0.00	38.09 1.70 -1.06
FRESHKLS_33_KV_LOAD 356253	57.21 1.48 -17.49	55.89 1.46 -18.26	55.36 1.46 -17.26	55.37 1.55 -12.93	55.38 1.56 -11.91	56.00 1.56 -16.66	62.22 2.63 -1.65	79.10 3.74 -6.98	109.25 4.26 -15.92	62.42 1.56 -29.32	57.37 1.51 -27.25	53.80 1.46 -22.48	56.39 1.80 -21.04	58.54 2.18 -18.21	64.40 2.14 -25.45	57.30 2.09 -20.82	61.98 2.19 -24.61	57.14 2.33 -17.23	58.86 2.85 -12.19	89.03 4.54 -10.24	134.50 6.55 -11.42	98.24 2.58 -52.78	62.46 2.07 -25.21	57.51 1.91 -20.26
FULTON COGEN____ 23766	37.63 -0.62 0.00	35.61 -0.55 0.00	36.09 -0.55 0.00	40.18 -0.72 0.00	41.17 -0.74 0.00	37.03 -0.76 0.00	62.94 -1.39 -6.39	66.73 -1.65 0.00	86.92 -2.14 0.00	30.84 -0.70 0.00	28.03 -0.58 0.00	29.24 -0.62 0.00	32.89 -0.66 0.00	37.28 -0.88 0.00	36.01 -0.81 0.00	33.58 -0.81 0.00	34.35 -0.83 0.00	36.76 -0.82 0.00	42.88 -0.94 0.00	72.77 -1.48 0.00	114.32 -2.21 0.00	41.97 -0.91 0.00	34.47 -0.70 0.00	34.69 -0.65 0.00
FULTON___LFGE 323630	40.60 2.36 0.00	38.36 2.20 0.00	38.86 2.21 0.00	43.37 2.47 0.00	44.52 2.61 0.00	40.24 2.46 0.00	61.82 3.88 0.00	72.67 4.29 0.00	92.80 3.74 0.00	32.09 0.55 0.00	29.19 0.57 0.00	30.64 0.77 0.00	34.60 1.04 0.00	38.98 0.83 0.00	37.93 1.11 0.00	34.98 0.60 0.00	36.05 0.87 0.00	38.76 1.18 0.00	46.14 2.31 0.00	78.96 4.71 0.00	124.28 7.75 0.00	45.74 2.86 0.00	37.40 2.23 0.00	37.57 2.24 0.00
G.F.CEMENT___DRP 24184	39.38 1.14 0.00	37.27 1.11 0.00	37.78 1.14 0.00	42.26 1.37 0.00	43.28 1.37 0.00	39.19 1.40 0.00	60.54 2.60 0.00	71.18 2.80 0.00	92.27 3.21 0.00	32.19 0.64 0.00	29.04 0.43 0.00	30.39 0.52 0.00	34.11 0.56 0.00	38.91 0.76 0.00	37.66 0.84 0.00	35.42 1.03 0.00	36.29 1.11 0.00	39.05 1.48 0.00	45.71 1.89 0.00	77.69 3.43 0.00	121.57 5.04 0.00	44.62 1.75 0.00	36.45 1.28 0.00	36.46 1.12 0.00
GARDENVILLE___LBMP 24039	37.99 -0.26 0.00	35.88 -0.28 0.00	36.35 -0.29 0.00	40.11 -0.78 0.00	41.14 -0.77 0.00	37.28 -0.50 0.00	55.81 -2.13 0.00	65.28 -3.10 0.00	86.18 -2.88 0.00	30.42 -1.12 0.00	27.77 -0.84 0.00	28.90 -0.97 0.00	30.94 -0.97 1.63	35.67 -1.34 1.15	34.63 -1.60 0.59	32.47 -1.62 0.30	32.87 -1.88 0.42	30.74 -2.47 4.36	37.66 -2.73 3.43	69.94 -4.31 0.00	110.85 -5.68 0.00	40.40 -2.47 0.00	33.58 -1.59 0.00	34.15 -1.19 0.00
GARDNVLA_35_KV_LD 355827	38.20 -0.04 0.00	36.05 -0.11 0.00	36.51 -0.13 0.00	40.27 -0.62 0.00	41.31 -0.59 0.00	37.46 -0.32 0.00	56.14 -1.80 0.00	65.67 -2.71 0.00	86.76 -2.30 0.00	30.63 -0.91 0.00	27.96 -0.65 0.00	29.11 -0.76 0.00	31.29 -0.76 1.51	36.00 -1.09 1.07	34.91 -1.36 0.54	32.72 -1.39 0.28	33.12 -1.66 0.39	31.30 -2.25 4.03	38.18 -2.47 3.17	70.37 -3.88 0.00	111.52 -5.01 0.00	40.62 -2.26 0.00	33.75 -1.42 0.00	34.32 -1.02 0.00
GELCKHM___115KV_LOAD 80723	37.97 -0.28 0.00	35.94 -0.22 0.00	36.42 -0.22 0.00	40.52 -0.37 0.00	41.52 -0.39 0.00	37.39 -0.39 0.00	62.19 -0.77 -5.02	67.44 -0.94 0.00	87.82 -1.24 0.00	31.17 -0.38 0.00	28.32 -0.30 0.00	29.52 -0.34 0.00	33.19 -0.36 0.00	37.67 -0.48 0.00	36.35 -0.47 0.00	33.91 -0.48 0.00	34.67 -0.51 0.00	37.04 -0.54 0.00	43.25 -0.57 0.00	73.36 -0.89 0.00	115.23 -1.30 0.00	42.31 -0.57 0.00	34.75 -0.42 0.00	34.97 -0.36 0.00
GENERAL___MILLS 23808	38.10 -0.15 0.00	35.98 -0.18 0.00	36.44 -0.20 0.00	40.22 -0.68 0.00	41.24 -0.67 0.00	37.39 -0.39 0.00	55.98 -1.96 0.00	65.47 -2.91 0.00	86.48 -2.58 0.00	30.52 -1.02 0.00	27.87 -0.74 0.00	29.00 -0.86 0.00	31.13 -0.87 1.55	35.85 -1.21 1.10	34.78 -1.48 0.56	32.59 -1.51 0.28	33.01 -1.77 0.40	31.07 -2.36 4.15	37.96 -2.61 3.26	70.16 -4.09 0.00	111.17 -5.36 0.00	40.52 -2.36 0.00	33.66 -1.51 0.00	34.23 -1.11 0.00
GE_PLASTICS___DRP 24183	38.65 0.41 0.00	36.63 0.47 0.00	37.08 0.44 0.00	41.36 0.46 0.00	42.35 0.44 0.00	38.16 0.38 0.00	58.53 0.60 0.00	69.13 0.75 0.00	89.72 0.65 0.00	31.81 0.26 0.00	28.82 0.20 0.00	30.09 0.22 0.00	33.86 0.31 0.00	38.78 0.62 0.00	37.45 0.63 0.00	34.95 0.56 0.00	35.76 0.59 0.00	38.24 0.66 0.00	44.59 0.77 0.00	75.42 1.17 0.00	118.05 1.52 0.00	43.52 0.64 0.00	35.66 0.49 0.00	35.67 0.34 0.00
GILBOA___1 23756	38.74 0.50 0.00	36.82 0.66 0.00	37.29 0.65 0.00	41.57 0.67 0.00	42.57 0.66 0.00	38.28 0.49 0.00	58.68 0.74 0.00	69.36 0.98 0.00	90.10 1.04 0.00	31.98 0.43 0.00	29.01 0.40 0.00	30.39 0.52 0.00	34.28 0.73 0.00	38.96 0.80 0.00	37.62 0.80 0.00	35.06 0.67 0.00	35.88 0.70 0.00	38.34 0.76 0.00	44.72 0.90 0.00	75.42 1.17 0.00	118.10 1.57 0.00	43.64 0.76 0.00	35.78 0.61 0.00	35.84 0.51 0.00
GILBOA___2 23757	38.74 0.50 0.00	36.82 0.66 0.00	37.29 0.65 0.00	41.57 0.67 0.00	42.57 0.66 0.00	38.28 0.49 0.00	58.68 0.74 0.00	69.36 0.98 0.00	90.10 1.04 0.00	31.98 0.43 0.00	29.01 0.40 0.00	30.39 0.52 0.00	34.28 0.73 0.00	38.96 0.80 0.00	37.62 0.80 0.00	35.06 0.67 0.00	35.88 0.70 0.00	38.34 0.76 0.00	44.72 0.90 0.00	75.42 1.17 0.00	118.10 1.57 0.00	43.64 0.76 0.00	35.78 0.61 0.00	35.84 0.51 0.00

GILBOA___3 23758	38.74 0.50 0.00	36.82 0.66 0.00	37.29 0.65 0.00	41.57 0.67 0.00	42.57 0.66 0.00	38.28 0.49 0.00	58.68 0.74 0.00	69.36 0.98 0.00	90.10 1.04 0.00	31.98 0.43 0.00	29.01 0.40 0.00	30.39 0.52 0.00	34.28 0.73 0.00	38.96 0.80 0.00	37.62 0.80 0.00	35.06 0.67 0.00	35.88 0.70 0.00	38.34 0.76 0.00	44.72 0.90 0.00	75.42 1.17 0.00	118.10 1.57 0.00	43.64 0.76 0.00	35.78 0.61 0.00	35.84 0.51 0.00
GILBOA___4 23759	38.74 0.50 0.00	36.82 0.66 0.00	37.29 0.65 0.00	41.57 0.67 0.00	42.57 0.66 0.00	38.28 0.49 0.00	58.68 0.74 0.00	69.36 0.98 0.00	90.10 1.04 0.00	31.98 0.43 0.00	29.01 0.40 0.00	30.39 0.52 0.00	34.28 0.73 0.00	38.96 0.80 0.00	37.62 0.80 0.00	35.06 0.67 0.00	35.88 0.70 0.00	38.34 0.76 0.00	44.72 0.90 0.00	75.42 1.17 0.00	118.10 1.57 0.00	43.64 0.76 0.00	35.78 0.61 0.00	35.84 0.51 0.00
GILBOA___ 23599	38.74 0.49 0.00	36.82 0.66 0.00	37.29 0.65 0.00	41.57 0.67 0.00	42.57 0.67 0.00	38.28 0.49 0.00	58.67 0.73 0.00	69.36 0.98 0.00	90.10 1.04 0.00	31.98 0.43 0.00	29.01 0.40 0.00	30.39 0.52 0.00	34.28 0.73 0.00	38.96 0.80 0.00	37.62 0.80 0.00	35.06 0.67 0.00	35.89 0.71 0.00	38.34 0.76 0.00	44.72 0.90 0.00	75.42 1.17 0.00	118.11 1.58 0.00	43.64 0.76 0.00	35.78 0.61 0.00	35.84 0.51 0.00
GINNA___ 23603	36.39 -1.86 0.00	34.40 -1.76 0.00	34.85 -1.79 0.00	38.68 -2.22 0.00	39.70 -2.20 0.00	35.92 -1.87 0.00	54.56 -3.38 0.00	64.16 -4.22 0.00	83.94 -5.12 0.00	29.72 -1.83 0.00	27.02 -1.59 0.00	28.19 -1.67 0.00	31.72 -1.83 0.00	35.91 -2.24 0.00	34.52 -2.30 0.00	32.15 -2.24 0.00	32.80 -2.38 0.00	34.93 -2.66 0.00	40.87 -2.95 0.00	69.28 -4.97 0.00	109.34 -7.19 0.00	40.00 -2.87 0.00	32.95 -2.22 0.00	33.30 -2.04 0.00
GLEN PARK___ 23778	38.78 0.53 0.00	36.35 0.19 0.00	36.88 0.23 0.00	41.27 0.38 0.00	42.79 0.88 0.00	38.92 1.14 0.00	108.38 2.13 -48.31	70.72 2.34 0.00	91.70 2.64 0.00	31.62 0.07 0.00	27.98 -0.63 0.00	28.84 -1.02 0.00	32.54 -1.01 0.00	36.72 -1.43 0.00	35.73 -1.09 0.00	32.88 -1.51 0.00	34.40 -0.78 0.00	37.24 -0.34 0.00	44.00 0.18 0.00	76.42 2.17 0.00	120.44 3.91 0.00	43.85 0.98 0.00	35.90 0.73 0.00	35.97 0.64 0.00
GLENDALE_27_KV_LOAD 356172	39.76 1.52 0.00	37.62 1.46 0.00	38.04 1.40 0.00	42.36 1.46 0.00	43.39 1.48 0.00	39.38 1.54 -0.06	60.83 2.87 -0.02	73.19 4.00 -0.81	108.15 4.70 -14.38	55.32 1.79 -21.99	58.43 1.72 -28.10	47.41 1.71 -15.83	36.52 1.93 -1.04	41.35 2.30 -0.90	40.39 2.32 -1.25	38.13 2.24 -1.50	65.27 2.44 -27.65	44.42 2.54 -4.30	47.32 2.98 -0.52	79.05 4.79 0.00	123.52 6.99 0.00	45.51 2.63 0.00	37.26 2.09 0.00	37.18 1.84 0.00
GLENWOOD_IC_1_G5 23712	39.91 1.66 0.00	37.61 1.45 0.00	38.05 1.41 0.00	42.44 1.54 0.00	43.47 1.56 0.00	39.36 1.58 0.00	60.96 3.02 0.00	72.16 3.78 0.00	93.31 4.25 0.00	33.30 1.76 0.00	30.34 1.73 0.00	31.53 1.66 0.00	35.42 1.86 0.00	40.32 2.16 0.00	39.57 2.26 -0.49	51.00 2.42 -14.19	41.24 2.57 -3.48	53.06 2.73 -12.76	52.71 3.13 -5.75	79.26 5.01 0.00	123.84 7.31 0.00	45.40 2.52 0.00	37.09 1.92 0.00	37.92 1.79 -0.79
GLENWOOD_IC_2_G1 23688	39.81 1.56 0.00	37.53 1.36 0.00	37.97 1.33 0.00	42.35 1.45 0.00	43.38 1.47 0.00	39.28 1.49 0.00	60.81 2.88 0.00	71.98 3.60 0.00	93.07 4.01 0.00	33.21 1.67 0.00	30.25 1.64 0.00	31.43 1.57 0.00	35.30 1.75 0.00	40.20 2.04 0.00	39.18 2.14 -0.22	43.01 2.30 -6.33	39.19 2.45 -1.55	45.86 2.60 -5.69	49.36 2.98 -2.56	79.01 4.75 0.00	123.42 6.89 0.00	45.27 2.40 0.00	37.01 1.84 0.00	37.54 1.70 -0.50
GLENWOOD_IC_3_G1 23689	39.81 1.56 0.00	37.53 1.36 0.00	37.97 1.33 0.00	42.35 1.45 0.00	43.38 1.47 0.00	39.28 1.49 0.00	60.81 2.88 0.00	71.98 3.60 0.00	93.07 4.01 0.00	33.21 1.67 0.00	30.25 1.64 0.00	31.43 1.57 0.00	35.30 1.75 0.00	40.20 2.04 0.00	39.18 2.14 -0.22	43.01 2.30 -6.33	39.19 2.45 -1.55	45.86 2.60 -5.69	49.36 2.98 -2.56	79.01 4.75 0.00	123.42 6.89 0.00	45.27 2.40 0.00	37.01 1.84 0.00	37.54 1.70 -0.50
GLENWOOD___4 23550	39.91 1.66 0.00	37.61 1.45 0.00	38.05 1.41 0.00	42.44 1.54 0.00	43.47 1.56 0.00	39.36 1.58 0.00	60.96 3.02 0.00	72.16 3.78 0.00	93.31 4.25 0.00	33.30 1.76 0.00	30.34 1.73 0.00	31.53 1.66 0.00	35.42 1.86 0.00	40.32 2.16 0.00	39.57 2.26 -0.49	51.00 2.42 -14.19	41.24 2.57 -3.48	53.06 2.73 -12.76	52.71 3.13 -5.75	79.26 5.01 0.00	123.84 7.31 0.00	45.40 2.52 0.00	37.09 1.92 0.00	37.92 1.79 -0.79
GLENWOOD___5 23614	39.91 1.66 0.00	37.61 1.45 0.00	38.05 1.41 0.00	42.44 1.54 0.00	43.47 1.56 0.00	39.36 1.58 0.00	60.96 3.02 0.00	72.16 3.78 0.00	93.31 4.25 0.00	33.30 1.76 0.00	30.34 1.73 0.00	31.53 1.66 0.00	35.42 1.86 0.00	40.32 2.16 0.00	39.57 2.26 -0.49	51.00 2.42 -14.19	41.24 2.57 -3.48	53.06 2.73 -12.76	52.71 3.13 -5.75	79.26 5.01 0.00	123.84 7.31 0.00	45.40 2.52 0.00	37.09 1.92 0.00	37.92 1.79 -0.79
GLOBAL GREEN_PORT_GT1 23814	40.43 2.18 0.00	38.01 1.84 0.00	38.47 1.83 0.00	43.17 2.27 0.00	44.31 2.40 0.00	40.25 2.47 0.00	62.50 4.56 0.00	73.32 4.94 0.00	94.31 5.24 0.00	33.69 2.14 0.00	30.70 2.09 0.00	31.46 1.60 0.00	35.30 1.75 0.00	40.20 2.05 0.00	39.18 2.25 -0.11	39.97 2.50 -3.09	38.71 2.78 -0.76	43.43 3.07 -2.78	48.11 3.04 -1.25	78.24 3.99 0.00	121.77 5.25 0.00	44.22 1.34 0.00	36.12 0.94 0.00	27.93 0.64 8.05
GLOBE___DSASP 323697	36.71 -1.54 0.00	34.68 -1.48 0.00	35.14 -1.51 0.00	38.72 -2.18 0.00	39.73 -2.18 0.00	35.98 -1.80 0.00	53.58 -4.36 0.00	62.52 -5.86 0.00	82.60 -6.46 0.00	29.30 -2.25 0.00	26.81 -1.80 0.00	27.91 -1.95 0.00	29.43 -2.10 2.02	34.11 -2.61 1.43	33.31 -2.78 0.73	31.33 -2.69 0.37	31.64 -3.01 0.53	28.36 -3.79 5.42	35.29 -4.27 4.26	67.07 -7.18 0.00	106.51 -10.02 0.00	38.89 -3.99 0.00	32.40 -2.77 0.00	33.02 -2.31 0.00
GOETHSLN___LBMP 323567	39.22 0.97 0.00	37.11 0.95 0.00	37.52 0.88 0.00	41.79 0.89 0.00	42.84 0.93 0.00	38.82 1.04 0.00	59.98 2.05 0.00	71.34 2.96 0.00	92.34 3.28 0.00	32.84 1.29 0.00	29.88 1.27 0.00	31.08 1.22 0.00	34.94 1.39 0.00	39.84 1.69 0.00	38.56 1.74 0.00	36.09 1.70 0.00	37.07 1.89 0.00	39.52 1.94 0.00	46.09 2.27 0.00	77.96 3.71 0.00	121.78 5.25 0.00	44.87 1.99 0.00	36.74 1.57 0.00	36.69 1.36 0.00
GOLAH___69_KV_TB 1_2 80279	38.27 0.02 0.00	36.27 0.11 0.00	36.73 0.09 0.00	40.60 -0.29 0.00	41.70 -0.20 0.00	37.78 -0.01 0.00	57.06 -0.88 0.00	66.86 -1.52 0.00	87.79 -1.27 0.00	31.03 -0.52 0.00	28.19 -0.42 0.00	29.38 -0.49 0.00	32.65 -0.47 0.44	37.14 -0.72 0.30	35.75 -0.92 0.15	33.44 -0.87 0.08	34.07 -1.00 0.11	35.09 -1.35 1.13	41.56 -1.37 0.89	72.18 -2.08 0.00	114.25 -2.28 0.00	41.74 -1.13 0.00	34.46 -0.71 0.00	34.86 -0.47 0.00

GOODYEAR_LAKE_HYD 323669	39.73 1.48 0.00	37.65 1.49 0.00	38.15 1.51 0.00	42.53 1.63 0.00	43.65 1.74 0.00	39.40 1.62 0.00	60.55 2.61 0.00	71.55 3.18 0.00	92.85 3.78 0.00	32.77 1.23 0.00	29.80 1.19 0.00	31.14 1.28 0.00	35.11 1.56 0.00	39.75 1.59 0.00	38.29 1.47 0.00	35.75 1.37 0.00	36.61 1.43 0.00	39.11 1.52 0.00	45.77 1.95 0.00	77.54 3.29 0.00	121.72 5.19 0.00	44.76 1.89 0.00	36.66 1.49 0.00	36.81 1.47 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	38.40 0.16 0.00	36.39 0.23 0.00	36.88 0.24 0.00	41.06 0.16 0.00	42.07 0.16 0.00	37.92 0.14 0.00	58.03 0.09 0.00	68.41 0.02 0.00	89.16 0.10 0.00	31.48 -0.07 0.00	28.60 -0.01 0.00	29.85 -0.01 0.00	33.63 0.08 0.00	38.14 -0.01 0.00	36.64 -0.18 0.00	34.18 -0.21 0.00	34.97 -0.21 0.00	37.36 -0.22 0.00	43.59 -0.23 0.00	74.07 -0.19 0.00	116.30 -0.23 0.00	42.67 -0.21 0.00	35.00 -0.17 0.00	35.23 -0.11 0.00
GOUDEY___7 23579	38.40 0.16 0.00	36.39 0.23 0.00	36.88 0.24 0.00	41.06 0.16 0.00	42.07 0.16 0.00	37.92 0.14 0.00	58.03 0.09 0.00	68.41 0.02 0.00	89.16 0.10 0.00	31.48 -0.07 0.00	28.60 -0.01 0.00	29.85 -0.01 0.00	33.63 0.08 0.00	38.14 -0.01 0.00	36.64 -0.18 0.00	34.18 -0.21 0.00	34.97 -0.21 0.00	37.36 -0.22 0.00	43.59 -0.23 0.00	74.07 -0.19 0.00	116.30 -0.23 0.00	42.67 -0.21 0.00	35.00 -0.17 0.00	35.23 -0.11 0.00
GOUDEY___8 23580	38.40 0.16 0.00	36.39 0.23 0.00	36.88 0.24 0.00	41.06 0.16 0.00	42.07 0.16 0.00	37.92 0.14 0.00	58.03 0.09 0.00	68.41 0.02 0.00	89.16 0.10 0.00	31.48 -0.07 0.00	28.60 -0.01 0.00	29.85 -0.01 0.00	33.63 0.08 0.00	38.14 -0.01 0.00	36.64 -0.18 0.00	34.18 -0.21 0.00	34.97 -0.21 0.00	37.36 -0.22 0.00	43.59 -0.23 0.00	74.07 -0.19 0.00	116.30 -0.23 0.00	42.67 -0.21 0.00	35.00 -0.17 0.00	35.23 -0.11 0.00
GOWANUS_GT1_1 24077	57.37 1.62 -17.49	56.00 1.57 -18.26	55.43 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.12 1.67 -16.66	62.54 2.95 -1.65	79.49 4.13 -6.98	109.80 4.82 -15.92	82.85 1.80 -49.51	81.22 1.72 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.70 2.34 -18.21	64.60 2.34 -25.45	57.49 2.27 -20.82	91.62 2.44 -54.00	60.80 2.54 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.37 2.71 -52.78	62.54 2.16 -25.21	57.54 1.94 -20.26
GOWANUS_GT1_2 24078	57.37 1.62 -17.49	56.00 1.57 -18.26	55.43 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.12 1.67 -16.66	62.54 2.95 -1.65	79.49 4.13 -6.98	109.80 4.82 -15.92	82.85 1.80 -49.51	81.22 1.72 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.70 2.34 -18.21	64.60 2.34 -25.45	57.49 2.27 -20.82	91.62 2.44 -54.00	60.80 2.54 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.37 2.71 -52.78	62.54 2.16 -25.21	57.54 1.94 -20.26
GOWANUS_GT1_3 24079	57.37 1.62 -17.49	56.00 1.57 -18.26	55.43 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.12 1.67 -16.66	62.54 2.95 -1.65	79.49 4.13 -6.98	109.80 4.82 -15.92	82.85 1.80 -49.51	81.22 1.72 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.70 2.34 -18.21	64.60 2.34 -25.45	57.49 2.27 -20.82	91.62 2.44 -54.00	60.80 2.54 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.37 2.71 -52.78	62.54 2.16 -25.21	57.54 1.94 -20.26
GOWANUS_GT1_4 24080	57.37 1.62 -17.49	56.00 1.57 -18.26	55.43 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.12 1.67 -16.66	62.54 2.95 -1.65	79.49 4.13 -6.98	109.80 4.82 -15.92	82.85 1.80 -49.51	81.22 1.72 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.70 2.34 -18.21	64.60 2.34 -25.45	57.49 2.27 -20.82	91.62 2.44 -54.00	60.80 2.54 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.37 2.71 -52.78	62.54 2.16 -25.21	57.54 1.94 -20.26
GOWANUS_GT1_5 24084	57.37 1.62 -17.49	56.00 1.57 -18.26	55.43 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.12 1.67 -16.66	62.54 2.95 -1.65	79.49 4.13 -6.98	109.80 4.82 -15.92	82.85 1.80 -49.51	81.22 1.72 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.70 2.34 -18.21	64.60 2.34 -25.45	57.49 2.27 -20.82	91.62 2.44 -54.00	60.80 2.54 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.37 2.71 -52.78	62.54 2.16 -25.21	57.54 1.94 -20.26
GOWANUS_GT1_6 24111	57.37 1.62 -17.49	56.00 1.57 -18.26	55.43 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.12 1.67 -16.66	62.54 2.95 -1.65	79.49 4.13 -6.98	109.80 4.82 -15.92	82.85 1.80 -49.51	81.22 1.72 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.70 2.34 -18.21	64.60 2.34 -25.45	57.49 2.27 -20.82	91.62 2.44 -54.00	60.80 2.54 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.37 2.71 -52.78	62.54 2.16 -25.21	57.54 1.94 -20.26
GOWANUS_GT1_7 24112	57.37 1.62 -17.49	56.00 1.57 -18.26	55.43 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.12 1.67 -16.66	62.54 2.95 -1.65	79.49 4.13 -6.98	109.80 4.82 -15.92	82.85 1.80 -49.51	81.22 1.72 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.70 2.34 -18.21	64.60 2.34 -25.45	57.49 2.27 -20.82	91.62 2.44 -54.00	60.80 2.54 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.37 2.71 -52.78	62.54 2.16 -25.21	57.54 1.94 -20.26
GOWANUS_GT1_8 24113	57.37 1.62 -17.49	56.00 1.57 -18.26	55.43 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.12 1.67 -16.66	62.54 2.95 -1.65	79.49 4.13 -6.98	109.80 4.82 -15.92	82.85 1.80 -49.51	81.22 1.72 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.70 2.34 -18.21	64.60 2.34 -25.45	57.49 2.27 -20.82	91.62 2.44 -54.00	60.80 2.54 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.37 2.71 -52.78	62.54 2.16 -25.21	57.54 1.94 -20.26
GOWANUS_GT2_1 24114	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.71 2.35 -18.21	64.62 2.35 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.55 2.16 -25.21	57.54 1.95 -20.26
GOWANUS_GT2_2 24115	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.71 2.35 -18.21	64.62 2.35 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.55 2.16 -25.21	57.54 1.95 -20.26
GOWANUS_GT2_3 24116	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.71 2.35 -18.21	64.62 2.35 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.55 2.16 -25.21	57.54 1.95 -20.26

GOWANUS_GT2_4 24117	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.71 2.35 -18.21	64.62 2.35 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.55 2.16 -25.21	57.54 1.95 -20.26
GOWANUS_GT2_5 24118	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.71 2.35 -18.21	64.62 2.35 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.55 2.16 -25.21	57.54 1.95 -20.26
GOWANUS_GT2_6 24119	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.71 2.35 -18.21	64.62 2.35 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.55 2.16 -25.21	57.54 1.95 -20.26
GOWANUS_GT2_7 24120	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.71 2.35 -18.21	64.62 2.35 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.55 2.16 -25.21	57.54 1.95 -20.26
GOWANUS_GT2_8 24121	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.71 2.35 -18.21	64.62 2.35 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.55 2.16 -25.21	57.54 1.95 -20.26
GOWANUS_GT3_1 24122	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.70 2.34 -18.21	64.61 2.34 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.35 4.86 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.54 2.16 -25.21	57.54 1.94 -20.26
GOWANUS_GT3_2 24123	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.70 2.34 -18.21	64.61 2.34 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.35 4.86 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.54 2.16 -25.21	57.54 1.94 -20.26
GOWANUS_GT3_3 24124	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.70 2.34 -18.21	64.61 2.34 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.35 4.86 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.54 2.16 -25.21	57.54 1.94 -20.26
GOWANUS_GT3_4 24125	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.70 2.34 -18.21	64.61 2.34 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.35 4.86 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.54 2.16 -25.21	57.54 1.94 -20.26
GOWANUS_GT3_5 24126	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.70 2.34 -18.21	64.61 2.34 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.35 4.86 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.54 2.16 -25.21	57.54 1.94 -20.26
GOWANUS_GT3_6 24127	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.70 2.34 -18.21	64.61 2.34 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.35 4.86 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.54 2.16 -25.21	57.54 1.94 -20.26
GOWANUS_GT3_7 24128	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.70 2.34 -18.21	64.61 2.34 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.35 4.86 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.54 2.16 -25.21	57.54 1.94 -20.26
GOWANUS_GT3_8 24129	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.70 2.34 -18.21	64.61 2.34 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.35 4.86 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.54 2.16 -25.21	57.54 1.94 -20.26
GOWANUS_GT4_1 24130	57.37 1.62 -17.49	56.00 1.57 -18.26	55.43 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.12 1.67 -16.66	62.54 2.95 -1.65	79.49 4.13 -6.98	109.80 4.82 -15.92	82.85 1.80 -49.51	81.22 1.72 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.70 2.34 -18.21	64.61 2.34 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.80 2.54 -20.67	59.04 3.03 -12.19	89.36 4.87 -10.24	135.05 7.10 -11.42	98.37 2.71 -52.78	62.54 2.16 -25.21	57.55 1.95 -20.26
GOWANUS_GT4_2 24131	57.37 1.62 -17.49	56.00 1.57 -18.26	55.43 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.12 1.67 -16.66	62.54 2.95 -1.65	79.49 4.13 -6.98	109.80 4.82 -15.92	82.85 1.80 -49.51	81.22 1.72 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.70 2.34 -18.21	64.61 2.34 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.80 2.54 -20.67	59.04 3.03 -12.19	89.36 4.87 -10.24	135.05 7.10 -11.42	98.37 2.71 -52.78	62.54 2.16 -25.21	57.55 1.95 -20.26

GOWANUS_GT4_3 24132	57.37 1.62 -17.49	56.00 1.57 -18.26	55.43 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.12 1.67 -16.66	62.54 2.95 -1.65	79.49 4.13 -6.98	109.80 4.82 -15.92	82.85 1.80 -49.51	81.22 1.72 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.70 2.34 -18.21	64.61 2.34 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.80 2.54 -20.67	59.04 3.03 -12.19	89.36 4.87 -10.24	135.05 7.10 -11.42	98.37 2.71 -52.78	62.54 2.16 -25.21	57.55 1.95 -20.26
GOWANUS_GT4_4 24133	57.37 1.62 -17.49	56.00 1.57 -18.26	55.43 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.12 1.67 -16.66	62.54 2.95 -1.65	79.49 4.13 -6.98	109.80 4.82 -15.92	82.85 1.80 -49.51	81.22 1.72 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.70 2.34 -18.21	64.61 2.34 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.80 2.54 -20.67	59.04 3.03 -12.19	89.36 4.87 -10.24	135.05 7.10 -11.42	98.37 2.71 -52.78	62.54 2.16 -25.21	57.55 1.95 -20.26
GOWANUS_GT4_5 24134	57.37 1.62 -17.49	56.00 1.57 -18.26	55.43 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.12 1.67 -16.66	62.54 2.95 -1.65	79.49 4.13 -6.98	109.80 4.82 -15.92	82.85 1.80 -49.51	81.22 1.72 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.70 2.34 -18.21	64.61 2.34 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.80 2.54 -20.67	59.04 3.03 -12.19	89.36 4.87 -10.24	135.05 7.10 -11.42	98.37 2.71 -52.78	62.54 2.16 -25.21	57.55 1.95 -20.26
GOWANUS_GT4_6 24135	57.37 1.62 -17.49	56.00 1.57 -18.26	55.43 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.12 1.67 -16.66	62.54 2.95 -1.65	79.49 4.13 -6.98	109.80 4.82 -15.92	82.85 1.80 -49.51	81.22 1.72 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.70 2.34 -18.21	64.61 2.34 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.80 2.54 -20.67	59.04 3.03 -12.19	89.36 4.87 -10.24	135.05 7.10 -11.42	98.37 2.71 -52.78	62.54 2.16 -25.21	57.55 1.95 -20.26
GOWANUS_GT4_7 24136	57.37 1.62 -17.49	56.00 1.57 -18.26	55.43 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.12 1.67 -16.66	62.54 2.95 -1.65	79.49 4.13 -6.98	109.80 4.82 -15.92	82.85 1.80 -49.51	81.22 1.72 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.70 2.34 -18.21	64.61 2.34 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.80 2.54 -20.67	59.04 3.03 -12.19	89.36 4.87 -10.24	135.05 7.10 -11.42	98.37 2.71 -52.78	62.54 2.16 -25.21	57.55 1.95 -20.26
GOWANUS_GT4_8 24137	57.37 1.62 -17.49	56.00 1.57 -18.26	55.43 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.12 1.67 -16.66	62.54 2.95 -1.65	79.49 4.13 -6.98	109.80 4.82 -15.92	82.85 1.80 -49.51	81.22 1.72 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.70 2.34 -18.21	64.61 2.34 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.80 2.54 -20.67	59.04 3.03 -12.19	89.36 4.87 -10.24	135.05 7.10 -11.42	98.37 2.71 -52.78	62.54 2.16 -25.21	57.55 1.95 -20.26
GREENBSH_115KV_TB3 55895	38.52 0.28 0.00	36.50 0.34 0.00	36.94 0.30 0.00	41.22 0.32 0.00	42.20 0.29 0.00	38.01 0.22 0.00	58.29 0.35 0.00	68.83 0.45 0.00	89.34 0.28 0.00	31.70 0.16 0.00	28.70 0.08 0.00	29.96 0.09 0.00	33.67 0.12 0.00	38.69 0.53 0.00	37.35 0.52 0.00	34.86 0.47 0.00	35.66 0.48 0.00	38.13 0.55 0.00	44.45 0.63 0.00	75.16 0.91 0.00	117.62 1.09 0.00	43.36 0.48 0.00	35.53 0.36 0.00	35.50 0.17 0.00
GREENDGE_115KV_TB5 80291	38.52 0.28 0.00	36.49 0.33 0.00	36.96 0.32 0.00	41.13 0.23 0.00	42.22 0.31 0.00	38.15 0.37 0.00	58.04 0.10 0.00	68.26 -0.12 0.00	88.84 -0.22 0.00	31.42 -0.13 0.00	28.34 -0.27 0.00	29.53 -0.33 0.00	36.78 -0.44 -3.66	40.08 -0.71 -2.63	37.27 -0.90 -1.35	34.14 -0.94 -0.68	35.38 -0.76 -0.97	46.66 -0.90 -9.98	50.76 -0.91 -7.85	73.11 -1.15 0.00	115.05 -1.48 0.00	42.31 -0.56 0.00	34.71 -0.46 0.00	34.98 -0.36 0.00
GREENIDGE___3 23582	38.52 0.28 0.00	36.49 0.33 0.00	36.96 0.32 0.00	41.13 0.23 0.00	42.22 0.31 0.00	38.15 0.37 0.00	58.04 0.10 0.00	68.26 -0.12 0.00	88.84 -0.22 0.00	31.42 -0.13 0.00	28.34 -0.27 0.00	29.53 -0.33 0.00	36.78 -0.44 -3.66	40.08 -0.71 -2.63	37.27 -0.90 -1.35	34.14 -0.94 -0.68	35.38 -0.76 -0.97	46.66 -0.90 -9.98	50.76 -0.91 -7.85	73.11 -1.15 0.00	115.05 -1.48 0.00	42.31 -0.56 0.00	34.71 -0.46 0.00	34.98 -0.36 0.00
GREENIDGE___4 23583	38.53 0.29 0.00	36.49 0.33 0.00	36.96 0.32 0.00	41.13 0.23 0.00	42.22 0.31 0.00	38.16 0.37 0.00	58.04 0.10 0.00	68.26 -0.12 0.00	88.82 -0.24 0.00	31.42 -0.13 0.00	28.34 -0.27 0.00	29.53 -0.33 0.00	36.78 -0.44 -3.66	40.09 -0.70 -2.63	37.27 -0.89 -1.35	34.13 -0.94 -0.68	35.37 -0.77 -0.97	46.68 -0.89 -9.98	50.79 -0.88 -7.85	73.11 -1.14 0.00	115.04 -1.49 0.00	42.32 -0.56 0.00	34.70 -0.47 0.00	34.98 -0.36 0.00
GREENLWN_69_KV_BK 3 55738	39.54 1.29 0.00	37.21 1.05 0.00	37.67 1.03 0.00	42.05 1.16 0.00	43.03 1.12 0.00	38.93 1.15 0.00	60.34 2.40 0.00	71.24 2.86 0.00	92.01 2.95 0.00	32.97 1.43 0.00	30.07 1.46 0.00	31.20 1.33 0.00	34.98 1.43 0.00	39.82 1.66 0.00	38.75 1.80 -0.13	40.15 2.10 -3.66	38.30 2.22 -0.90	43.17 2.30 -3.29	47.85 2.55 -1.48	78.15 3.90 0.00	122.10 5.57 0.00	44.70 1.82 0.00	36.52 1.35 0.00	36.78 1.26 -0.19
GREENWD_138_KV_38B11_REV_LBMP_J 345004	57.37 1.62 -17.49	56.00 1.57 -18.26	55.43 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.12 1.67 -16.66	62.54 2.95 -1.65	79.49 4.13 -6.98	109.80 4.82 -15.92	82.85 1.80 -49.51	81.22 1.72 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.70 2.34 -18.21	64.61 2.34 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.80 2.54 -20.67	59.04 3.03 -12.19	89.36 4.87 -10.24	135.05 7.10 -11.42	98.37 2.71 -52.78	62.54 2.16 -25.21	57.55 1.95 -20.26
GRISSOM___SOLAR 323813	40.46 2.22 0.00	38.25 2.10 0.00	38.75 2.11 0.00	43.23 2.33 0.00	44.36 2.45 0.00	40.11 2.33 0.00	61.64 3.70 0.00	72.41 4.03 0.00	92.30 3.23 0.00	31.81 0.27 0.00	28.96 0.35 0.00	30.42 0.55 0.00	34.33 0.78 0.00	38.74 0.58 0.00	37.75 0.93 0.00	34.75 0.36 0.00	35.81 0.63 0.00	38.54 0.96 0.00	46.04 2.21 0.00	78.84 4.59 0.00	124.01 7.48 0.00	45.62 2.74 0.00	37.30 2.13 0.00	37.45 2.11 0.00
GROVEVILLE___HYD 323602	39.69 1.45 0.00	37.55 1.39 0.00	38.00 1.36 0.00	42.35 1.46 0.00	43.38 1.47 0.00	39.26 1.48 0.00	60.65 2.71 0.00	71.99 3.61 0.00	93.28 4.22 0.00	33.02 1.48 0.00	29.94 1.33 0.00	31.18 1.31 0.00	35.11 1.56 0.00	40.12 1.97 0.00	38.80 1.98 0.00	36.30 1.91 0.00	37.25 2.08 0.00	39.85 2.28 0.00	46.56 2.74 0.00	78.82 4.57 0.00	123.26 6.73 0.00	45.35 2.47 0.00	37.09 1.92 0.00	37.02 1.69 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.23 -0.01 0.00	36.19 0.03 0.00	36.68 0.04 0.00	40.79 -0.11 0.00	41.78 -0.13 0.00	37.64 -0.14 0.00	62.21 -0.35 -4.62	67.93 -0.45 0.00	88.41 -0.65 0.00	31.38 -0.17 0.00	28.49 -0.12 0.00	29.70 -0.17 0.00	33.38 -0.17 0.00	37.88 -0.27 0.00	36.53 -0.28 0.00	34.11 -0.27 0.00	34.88 -0.30 0.00	37.29 -0.29 0.00	43.56 -0.26 0.00	73.87 -0.38 0.00	116.04 -0.49 0.00	42.58 -0.30 0.00	34.96 -0.21 0.00	35.19 -0.14 0.00

HAMLTNNY_34_KV_TB 80303	38.32 0.07 0.00	36.28 0.12 0.00	36.76 0.12 0.00	40.87 -0.02 0.00	41.87 -0.04 0.00	37.77 -0.01 0.00	61.91 -0.17 -4.14	68.16 -0.22 0.00	88.68 -0.38 0.00	31.46 -0.09 0.00	28.58 -0.03 0.00	29.73 -0.14 0.00	33.44 -0.11 0.00	37.89 -0.27 0.00	36.55 -0.27 0.00	34.15 -0.24 0.00	34.93 -0.25 0.00	37.32 -0.26 0.00	43.64 -0.18 0.00	73.97 -0.28 0.00	116.31 -0.22 0.00	42.66 -0.22 0.00	35.01 -0.16 0.00	35.27 -0.07 0.00
HAMPSHIRE___PAPER_HYD 323593	37.76 -0.48 0.00	35.43 -0.73 0.00	35.95 -0.69 0.00	40.36 -0.54 0.00	41.63 -0.28 0.00	37.77 -0.01 0.00	184.48 0.37 -126.17	68.52 0.14 0.00	89.18 0.12 0.00	31.21 -0.33 0.00	27.96 -0.65 0.00	28.97 -0.89 0.00	32.46 -1.09 0.00	36.74 -1.41 0.00	35.51 -1.32 0.00	33.04 -1.35 0.00	34.13 -1.04 0.00	36.71 -0.87 0.00	42.94 -0.88 0.00	73.83 -0.42 0.00	116.33 -0.20 0.00	42.56 -0.31 0.00	34.84 -0.33 0.00	35.00 -0.33 0.00
HARDSCRABBLE_WT_PWR 323673	38.27 0.02 0.00	36.18 0.02 0.00	36.60 -0.05 0.00	40.83 -0.07 0.00	41.81 -0.10 0.00	37.73 -0.06 0.00	64.07 0.18 -5.96	68.53 0.15 0.00	88.25 -0.81 0.00	30.80 -0.74 0.00	27.83 -0.78 0.00	29.24 -0.63 0.00	32.97 -0.58 0.00	37.42 -0.74 0.00	36.17 -0.65 0.00	33.76 -0.62 0.00	34.61 -0.57 0.00	37.17 -0.41 0.00	43.78 -0.04 0.00	74.50 0.25 0.00	116.70 0.17 0.00	43.09 0.21 0.00	35.24 0.07 0.00	35.15 -0.19 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	39.22 0.97 0.00	37.14 0.98 0.00	37.58 0.94 0.00	41.88 0.98 0.00	42.93 1.02 0.00	38.86 1.08 0.00	59.93 1.99 0.00	71.11 2.73 0.00	92.12 3.06 0.00	32.66 1.12 0.00	29.62 1.01 0.00	30.84 0.97 0.00	34.72 1.17 0.00	39.69 1.53 0.00	38.33 1.51 0.00	35.89 1.50 0.00	36.84 1.66 0.00	39.34 1.76 0.00	45.95 2.12 0.00	77.82 3.57 0.00	121.73 5.20 0.00	44.80 1.92 0.00	36.66 1.49 0.00	36.61 1.27 0.00
HARSNRAD_115KV_TB1 81005	37.37 -0.88 0.00	35.29 -0.87 0.00	35.76 -0.88 0.00	39.45 -1.45 0.00	40.48 -1.42 0.00	36.69 -1.09 0.00	54.64 -3.30 0.00	63.80 -4.58 0.00	84.27 -4.79 0.00	29.81 -1.74 0.00	27.22 -1.39 0.00	28.32 -1.54 0.00	29.38 -1.65 2.52	34.25 -2.11 1.79	33.58 -2.32 0.92	31.62 -2.30 0.47	31.97 -2.55 0.66	27.49 -3.29 6.80	34.85 -3.63 5.34	68.33 -5.92 0.00	108.53 -8.00 0.00	39.61 -3.27 0.00	32.96 -2.21 0.00	33.56 -1.78 0.00
HARZA MOOSE___RIVER 24016	38.66 0.42 0.00	36.43 0.28 0.00	36.96 0.31 0.00	41.33 0.43 0.00	42.59 0.68 0.00	38.64 0.85 0.00	95.70 1.56 -36.21	70.13 1.75 0.00	91.23 2.17 0.00	31.88 0.34 0.00	28.71 0.09 0.00	29.76 -0.10 0.00	33.38 -0.17 0.00	37.82 -0.34 0.00	36.55 -0.27 0.00	33.96 -0.43 0.00	35.03 -0.15 0.00	37.68 0.10 0.00	44.10 0.28 0.00	75.79 1.54 0.00	119.26 2.73 0.00	43.63 0.75 0.00	35.73 0.56 0.00	35.82 0.49 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	38.01 -0.24 0.00	35.98 -0.18 0.00	36.46 -0.19 0.00	40.57 -0.32 0.00	41.57 -0.34 0.00	37.44 -0.34 0.00	62.41 -0.70 -5.17	67.53 -0.85 0.00	87.98 -1.08 0.00	31.23 -0.32 0.00	28.38 -0.24 0.00	29.59 -0.28 0.00	33.27 -0.28 0.00	37.75 -0.41 0.00	36.42 -0.40 0.00	33.98 -0.41 0.00	34.74 -0.44 0.00	37.11 -0.47 0.00	43.31 -0.51 0.00	73.44 -0.81 0.00	115.40 -1.13 0.00	42.36 -0.51 0.00	34.80 -0.37 0.00	35.02 -0.32 0.00
HELLGATE_13_KV_LD 55870	39.61 1.37 0.00	37.48 1.32 0.00	37.91 1.27 0.00	42.21 1.31 0.00	43.24 1.33 0.00	39.23 1.39 -0.06	60.58 2.62 -0.02	72.90 3.70 -0.81	107.74 4.31 -14.37	55.16 1.64 -21.97	58.28 1.60 -28.07	47.25 1.57 -15.82	36.37 1.78 -1.04	41.17 2.12 -0.90	40.22 2.15 -1.25	37.97 2.08 -1.50	65.08 2.28 -27.62	44.23 2.36 -4.29	47.12 2.78 -0.52	78.68 4.43 0.00	122.93 6.40 0.00	45.33 2.45 0.00	37.10 1.93 0.00	37.03 1.70 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	39.61 1.37 0.00	37.48 1.32 0.00	37.91 1.27 0.00	42.21 1.31 0.00	43.24 1.33 0.00	39.23 1.39 -0.06	60.58 2.62 -0.02	72.90 3.70 -0.81	107.74 4.31 -14.37	55.16 1.64 -21.97	58.28 1.60 -28.07	47.25 1.57 -15.82	36.37 1.78 -1.04	41.17 2.12 -0.90	40.22 2.15 -1.25	37.97 2.08 -1.50	65.08 2.28 -27.62	44.23 2.36 -4.29	47.12 2.78 -0.52	78.68 4.43 0.00	122.93 6.40 0.00	45.33 2.45 0.00	37.10 1.93 0.00	37.03 1.70 0.00
HEMPSTEAD____ 23647	39.71 1.47 0.00	37.42 1.26 0.00	37.86 1.22 0.00	42.23 1.33 0.00	43.26 1.35 0.00	39.15 1.37 0.00	60.67 2.73 0.00	71.78 3.39 0.00	92.70 3.64 0.00	33.12 1.57 0.00	30.16 1.55 0.00	31.35 1.49 0.00	35.21 1.65 0.00	40.09 1.93 0.00	39.42 2.03 -0.57	53.02 2.24 -16.39	41.58 2.38 -4.02	54.85 2.54 -14.73	53.38 2.91 -6.64	78.87 4.61 0.00	123.21 6.68 0.00	45.15 2.27 0.00	36.90 1.73 0.00	37.78 1.58 -0.86
HEWLETT_69_KV_BK3 55828	40.02 1.78 0.00	37.71 1.55 0.00	38.18 1.53 0.00	42.56 1.66 0.00	43.56 1.65 0.00	39.43 1.65 0.00	61.08 3.14 0.00	72.28 3.90 0.00	93.47 4.41 0.00	33.35 1.80 0.00	30.40 1.79 0.00	31.59 1.73 0.00	35.51 1.95 -0.01	40.39 2.23 0.00	40.96 2.32 -1.83	89.73 2.45 -52.89	50.76 2.60 -12.98	87.87 2.75 -47.54	68.44 3.20 -21.42	79.31 5.06 0.00	123.91 7.39 0.00	45.49 2.62 0.00	37.22 2.05 0.00	39.85 1.93 -2.58
HICKLING___1 23621	38.30 0.05 0.00	36.31 0.14 0.00	36.80 0.16 0.00	40.97 0.07 0.00	42.02 0.11 0.00	37.93 0.15 0.00	57.90 -0.04 0.00	68.11 -0.27 0.00	88.92 -0.15 0.00	31.17 -0.38 0.00	28.20 -0.41 0.00	29.33 -0.54 0.00	34.28 -0.47 -1.21	38.25 -0.77 -0.87	36.20 -1.07 -0.45	33.52 -1.10 -0.23	34.45 -1.05 -0.32	39.80 -1.08 -3.30	45.11 -1.30 -2.59	72.69 -1.56 0.00	114.23 -2.31 0.00	41.90 -0.98 0.00	34.33 -0.84 0.00	34.63 -0.71 0.00
HICKLING___2 23622	38.30 0.05 0.00	36.31 0.14 0.00	36.80 0.16 0.00	40.97 0.07 0.00	42.02 0.11 0.00	37.93 0.15 0.00	57.90 -0.04 0.00	68.11 -0.27 0.00	88.92 -0.15 0.00	31.17 -0.38 0.00	28.20 -0.41 0.00	29.33 -0.54 0.00	34.28 -0.47 -1.21	38.25 -0.77 -0.87	36.20 -1.07 -0.45	33.52 -1.10 -0.23	34.45 -1.05 -0.32	39.80 -1.08 -3.30	45.11 -1.30 -2.59	72.69 -1.56 0.00	114.23 -2.31 0.00	41.90 -0.98 0.00	34.33 -0.84 0.00	34.63 -0.71 0.00
HIGH FALLS___HY 23754	39.67 1.42 0.00	37.61 1.45 0.00	38.09 1.45 0.00	42.44 1.55 0.00	43.51 1.60 0.00	39.40 1.62 0.00	60.88 2.94 0.00	72.31 3.93 0.00	93.73 4.67 0.00	33.12 1.57 0.00	29.91 1.29 0.00	31.05 1.18 0.00	35.19 1.64 0.00	40.14 1.99 0.00	38.84 2.02 0.00	36.33 1.95 0.00	37.30 2.12 0.00	39.92 2.34 0.00	46.65 2.83 0.00	79.08 4.83 0.00	123.74 7.21 0.00	45.52 2.65 0.00	37.22 2.05 0.00	37.19 1.85 0.00
HIGH_RIVER___SOLAR 323847	39.88 1.64 0.00	37.73 1.57 0.00	38.21 1.57 0.00	42.64 1.74 0.00	43.72 1.81 0.00	39.49 1.71 0.00	60.68 2.74 0.00	71.44 3.06 0.00	91.69 2.63 0.00	31.85 0.31 0.00	28.78 0.17 0.00	30.03 0.17 0.00	33.98 0.43 0.00	38.54 0.39 0.00	37.40 0.58 0.00	34.91 0.52 0.00	35.86 0.68 0.00	38.48 0.90 0.00	45.63 1.81 0.00	77.74 3.48 0.00	122.15 5.62 0.00	44.97 2.09 0.00	36.79 1.62 0.00	36.86 1.52 0.00

HILLBURN___GT 23639	39.05 0.80 0.00	36.99 0.83 0.00	37.44 0.80 0.00	41.71 0.81 0.00	42.77 0.86 0.00	38.72 0.93 0.00	59.73 1.79 0.00	70.84 2.47 0.00	91.80 2.73 0.00	32.58 1.03 0.00	29.56 0.95 0.00	30.77 0.90 0.00	34.65 1.10 0.00	39.55 1.40 0.00	38.24 1.42 0.00	35.81 1.42 0.00	36.74 1.56 0.00	39.23 1.65 0.00	45.79 1.97 0.00	77.53 3.28 0.00	121.24 4.71 0.00	44.64 1.77 0.00	36.52 1.35 0.00	36.49 1.15 0.00
HILLSIDE_115KV_TB1 80332	37.83 -0.42 0.00	35.85 -0.31 0.00	36.35 -0.30 0.00	40.45 -0.45 0.00	41.45 -0.46 0.00	37.37 -0.41 0.00	57.09 -0.85 0.00	67.20 -1.18 0.00	87.71 -1.35 0.00	30.80 -0.75 0.00	27.95 -0.67 0.00	29.16 -0.71 0.00	34.01 -0.62 -1.08	38.04 -0.90 -0.78	36.05 -1.17 -0.40	33.43 -1.16 -0.20	34.31 -1.16 -0.29	39.30 -1.23 -2.95	44.67 -1.47 -2.32	72.28 -1.98 0.00	113.50 -3.03 0.00	41.60 -1.28 0.00	34.10 -1.07 0.00	34.39 -0.95 0.00
HISHELDN_WT_PWR 323625	37.35 -0.89 0.00	35.34 -0.82 0.00	35.84 -0.81 0.00	39.74 -1.16 0.00	40.83 -1.08 0.00	36.94 -0.84 0.00	55.49 -2.45 0.00	64.92 -3.46 0.00	85.18 -3.89 0.00	29.85 -1.70 0.00	26.99 -1.63 0.00	27.84 -2.02 0.00	18.89 -2.26 12.40	26.52 -2.75 8.89	29.15 -3.12 4.54	28.99 -3.09 2.31	28.79 -3.12 3.27	0.26 -3.63 33.70	13.23 -4.11 26.48	67.96 -6.28 0.01	107.79 -8.74 0.00	39.47 -3.41 0.00	32.58 -2.59 0.00	33.13 -2.21 0.00
HOLTSVILLE_IC_1 23690	39.73 1.48 0.00	37.27 1.11 0.00	37.75 1.10 0.00	42.24 1.34 0.00	43.27 1.37 0.00	39.22 1.44 0.00	60.82 2.88 0.00	71.58 3.20 0.00	92.28 3.22 0.00	33.03 1.48 0.00	30.10 1.49 0.00	31.06 1.20 0.00	34.84 1.29 0.00	39.67 1.51 0.00	38.62 1.70 -0.10	39.46 2.04 -3.02	38.22 2.30 -0.74	42.71 2.41 -2.71	47.90 2.86 -1.23	78.70 4.45 0.00	122.86 6.34 0.00	44.72 1.84 0.00	36.52 1.35 0.00	36.66 1.17 -0.16
HOLTSVILLE_IC_10 23699	39.88 1.64 0.00	37.40 1.24 0.00	37.87 1.23 0.00	42.39 1.49 0.00	43.43 1.52 0.00	39.38 1.60 0.00	61.09 3.15 0.00	71.92 3.54 0.00	92.72 3.66 0.00	33.16 1.61 0.00	30.21 1.60 0.00	31.17 1.30 0.00	34.98 1.43 0.00	39.82 1.66 0.00	38.78 1.84 -0.11	39.87 2.20 -3.28	38.48 2.49 -0.81	43.13 2.60 -2.95	48.24 3.09 -1.33	79.13 4.88 0.00	123.56 7.03 0.00	44.96 2.08 0.00	36.70 1.53 0.00	37.34 1.34 -0.66
HOLTSVILLE_IC_2 23691	39.73 1.48 0.00	37.27 1.11 0.00	37.75 1.10 0.00	42.24 1.34 0.00	43.27 1.37 0.00	39.22 1.44 0.00	60.82 2.88 0.00	71.58 3.20 0.00	92.28 3.22 0.00	33.03 1.48 0.00	30.10 1.49 0.00	31.06 1.20 0.00	34.84 1.29 0.00	39.67 1.51 0.00	38.62 1.70 -0.10	39.46 2.04 -3.02	38.22 2.30 -0.74	42.71 2.41 -2.71	47.90 2.86 -1.23	78.70 4.45 0.00	122.86 6.34 0.00	44.72 1.84 0.00	36.52 1.35 0.00	36.66 1.17 -0.16
HOLTSVILLE_IC_3 23692	39.73 1.48 0.00	37.27 1.11 0.00	37.75 1.10 0.00	42.24 1.34 0.00	43.27 1.37 0.00	39.22 1.44 0.00	60.82 2.88 0.00	71.58 3.20 0.00	92.28 3.22 0.00	33.03 1.48 0.00	30.10 1.49 0.00	31.06 1.20 0.00	34.84 1.29 0.00	39.67 1.51 0.00	38.62 1.70 -0.10	39.46 2.04 -3.02	38.22 2.30 -0.74	42.71 2.41 -2.71	47.90 2.86 -1.23	78.70 4.45 0.00	122.86 6.34 0.00	44.72 1.84 0.00	36.52 1.35 0.00	36.66 1.17 -0.16
HOLTSVILLE_IC_4 23693	39.73 1.48 0.00	37.27 1.11 0.00	37.75 1.10 0.00	42.24 1.34 0.00	43.27 1.37 0.00	39.22 1.44 0.00	60.82 2.88 0.00	71.58 3.20 0.00	92.28 3.22 0.00	33.03 1.48 0.00	30.10 1.49 0.00	31.06 1.20 0.00	34.84 1.29 0.00	39.67 1.51 0.00	38.62 1.70 -0.10	39.46 2.04 -3.02	38.22 2.30 -0.74	42.71 2.41 -2.71	47.90 2.86 -1.23	78.70 4.45 0.00	122.86 6.34 0.00	44.72 1.84 0.00	36.52 1.35 0.00	36.66 1.17 -0.16
HOLTSVILLE_IC_5 23694	39.73 1.48 0.00	37.27 1.11 0.00	37.75 1.10 0.00	42.24 1.34 0.00	43.27 1.37 0.00	39.22 1.44 0.00	60.82 2.88 0.00	71.58 3.20 0.00	92.28 3.22 0.00	33.03 1.48 0.00	30.10 1.49 0.00	31.06 1.20 0.00	34.84 1.29 0.00	39.67 1.51 0.00	38.62 1.70 -0.10	39.46 2.04 -3.02	38.22 2.30 -0.74	42.71 2.41 -2.71	47.90 2.86 -1.23	78.70 4.45 0.00	122.86 6.34 0.00	44.72 1.84 0.00	36.52 1.35 0.00	36.66 1.17 -0.16
HOLTSVILLE_IC_6 23695	39.88 1.64 0.00	37.40 1.24 0.00	37.87 1.23 0.00	42.39 1.49 0.00	43.43 1.52 0.00	39.38 1.60 0.00	61.09 3.15 0.00	71.92 3.54 0.00	92.72 3.66 0.00	33.16 1.61 0.00	30.21 1.60 0.00	31.17 1.30 0.00	34.98 1.43 0.00	39.82 1.66 0.00	38.78 1.84 -0.11	39.87 2.20 -3.28	38.48 2.49 -0.81	43.13 2.60 -2.95	48.24 3.09 -1.33	79.13 4.88 0.00	123.56 7.03 0.00	44.96 2.08 0.00	36.70 1.53 0.00	37.34 1.34 -0.66
HOLTSVILLE_IC_7 23696	39.88 1.64 0.00	37.40 1.24 0.00	37.87 1.23 0.00	42.39 1.49 0.00	43.43 1.52 0.00	39.38 1.60 0.00	61.09 3.15 0.00	71.92 3.54 0.00	92.72 3.66 0.00	33.16 1.61 0.00	30.21 1.60 0.00	31.17 1.30 0.00	34.98 1.43 0.00	39.82 1.66 0.00	38.78 1.84 -0.11	39.87 2.20 -3.28	38.48 2.49 -0.81	43.13 2.60 -2.95	48.24 3.09 -1.33	79.13 4.88 0.00	123.56 7.03 0.00	44.96 2.08 0.00	36.70 1.53 0.00	37.34 1.34 -0.66
HOLTSVILLE_IC_8 23697	39.88 1.64 0.00	37.40 1.24 0.00	37.87 1.23 0.00	42.39 1.49 0.00	43.43 1.52 0.00	39.38 1.60 0.00	61.09 3.15 0.00	71.92 3.54 0.00	92.72 3.66 0.00	33.16 1.61 0.00	30.21 1.60 0.00	31.17 1.30 0.00	34.98 1.43 0.00	39.82 1.66 0.00	38.78 1.84 -0.11	39.87 2.20 -3.28	38.48 2.49 -0.81	43.13 2.60 -2.95	48.24 3.09 -1.33	79.13 4.88 0.00	123.56 7.03 0.00	44.96 2.08 0.00	36.70 1.53 0.00	37.34 1.34 -0.66
HOLTSVILLE_IC_9 23698	39.88 1.64 0.00	37.40 1.24 0.00	37.87 1.23 0.00	42.39 1.49 0.00	43.43 1.52 0.00	39.38 1.60 0.00	61.09 3.15 0.00	71.92 3.54 0.00	92.72 3.66 0.00	33.16 1.61 0.00	30.21 1.60 0.00	31.17 1.30 0.00	34.98 1.43 0.00	39.82 1.66 0.00	38.78 1.84 -0.11	39.87 2.20 -3.28	38.48 2.49 -0.81	43.13 2.60 -2.95	48.24 3.09 -1.33	79.13 4.88 0.00	123.56 7.03 0.00	44.96 2.08 0.00	36.70 1.53 0.00	37.34 1.34 -0.66
HOMER_HL_115KV_TB2 355744	38.65 0.40 0.00	36.66 0.49 0.00	37.18 0.53 0.00	41.20 0.31 0.00	42.25 0.35 0.00	38.06 0.28 0.00	57.31 -0.63 0.00	67.15 -1.23 0.00	88.29 -0.77 0.00	30.98 -0.56 0.00	28.20 -0.41 0.00	29.52 -0.35 0.00	33.25 -0.29 0.00	37.64 -0.51 0.00	35.91 -0.91 0.00	33.43 -0.96 0.00	34.10 -1.08 0.00	36.03 -1.55 0.00	41.97 -1.85 0.00	71.94 -2.32 0.00	113.35 -3.18 0.00	41.23 -1.64 0.00	34.06 -1.12 0.00	34.59 -0.75 0.00
HOWARD_WT_PWR 323690	38.40 0.15 0.00	36.36 0.20 0.00	36.70 0.06 0.00	40.87 -0.03 0.00	42.17 0.27 0.00	38.10 0.32 0.00	57.95 0.01 0.00	68.16 -0.22 0.00	88.78 -0.28 0.00	30.69 -0.85 0.00	27.32 -1.30 0.00	28.12 -1.75 0.00	39.34 -2.09 -7.88	40.89 -2.93 -5.66	36.47 -3.24 -2.89	32.58 -3.28 -1.47	34.10 -3.16 -2.08	55.63 -3.41 -21.46	56.67 -4.02 -16.86	68.82 -5.44 -0.01	108.98 -7.55 0.00	40.37 -2.50 0.00	32.95 -2.22 0.00	33.23 -2.11 0.00

HQ_GEN_CEDARS 23644	38.64 0.40 0.00	36.28 0.12 0.00	36.78 0.14 0.00	41.31 0.41 0.00	42.41 0.50 0.00	38.34 0.56 0.00	300.24 1.15 -241.15	69.59 1.21 -0.01	90.95 1.89 0.00	32.04 0.49 0.00	28.94 0.32 0.00	30.13 0.27 0.00	33.73 0.18 0.00	38.28 0.13 0.00	36.91 0.09 0.00	34.55 0.16 0.00	35.36 0.18 0.00	37.80 0.22 0.00	43.99 0.17 0.00	74.78 0.53 0.00	117.73 1.20 0.00	43.26 0.38 0.00	35.45 0.28 0.00	35.72 0.39 0.00
HQ_GEN_CEDARS_PROXY 323590	38.64 0.39 0.00	36.28 0.12 0.00	36.78 0.14 0.00	41.31 0.41 0.00	42.41 0.50 0.00	38.34 0.56 0.00	300.24 1.15 -241.15	68.79 0.41 -0.01	89.47 0.40 0.00	32.04 0.49 0.00	28.18 0.33 0.76	30.13 0.27 0.00	33.73 0.18 0.00	38.28 0.13 0.00	36.91 0.09 0.00	34.56 0.16 0.00	35.36 0.18 0.00	37.80 0.21 0.00	43.99 0.17 0.00	74.78 0.53 0.00	117.73 1.20 0.00	43.26 0.38 0.00	35.45 0.28 0.00	35.72 0.39 0.00
HQ_GEN_IMPORT 323601	38.40 0.16 0.00	36.17 0.01 0.00	36.67 0.03 0.00	41.07 0.18 0.00	42.12 0.21 0.00	38.01 0.23 0.00	46.34 0.47 12.07	68.83 0.45 0.00	63.19 0.87 26.74	31.81 0.26 0.00	28.82 0.20 0.00	30.05 0.19 0.00	33.69 0.14 0.00	38.29 0.14 0.00	36.93 0.11 0.00	34.52 0.13 0.00	35.29 0.11 0.00	37.69 0.11 0.00	43.86 0.04 0.00	74.33 0.08 0.00	116.83 0.30 0.00	42.98 0.10 0.00	35.25 0.08 0.00	35.47 0.14 0.00
HQ_GEN_WHEEL 23651	38.40 0.16 0.00	36.17 0.01 0.00	36.67 0.03 0.00	41.07 0.18 0.00	42.12 0.21 0.00	38.01 0.23 0.00	46.34 0.47 12.07	68.83 0.45 0.00	63.19 0.87 26.74	31.81 0.26 0.00	28.82 0.20 0.00	30.05 0.19 0.00	33.69 0.14 0.00	38.29 0.14 0.00	36.93 0.11 0.00	34.52 0.13 0.00	35.29 0.11 0.00	37.69 0.11 0.00	43.86 0.04 0.00	74.33 0.08 0.00	116.83 0.30 0.00	42.98 0.10 0.00	35.25 0.08 0.00	35.47 0.14 0.00
HUDSON AVE_GT_3 23810	39.52 1.27 0.00	37.37 1.21 0.00	37.79 1.14 0.00	42.08 1.18 0.00	43.12 1.21 0.00	39.07 1.29 0.00	60.38 2.44 0.00	71.83 3.46 0.00	93.06 3.99 0.00	33.09 1.55 0.00	30.13 1.51 0.00	31.35 1.48 0.00	35.24 1.69 0.00	40.17 2.02 0.00	38.86 2.04 0.00	36.37 1.98 0.00	37.36 2.18 0.00	39.83 2.25 0.00	46.47 2.65 0.00	78.56 4.31 0.00	122.71 6.19 0.00	45.21 2.33 0.00	37.01 1.84 0.00	36.95 1.62 0.00
HUDSON AVE_GT_4 23540	39.52 1.27 0.00	37.37 1.21 0.00	37.79 1.14 0.00	42.08 1.18 0.00	43.12 1.21 0.00	39.07 1.29 0.00	60.38 2.44 0.00	71.83 3.46 0.00	93.06 3.99 0.00	33.09 1.55 0.00	30.13 1.51 0.00	31.35 1.48 0.00	35.24 1.69 0.00	40.17 2.02 0.00	38.86 2.04 0.00	36.37 1.98 0.00	37.36 2.18 0.00	39.83 2.25 0.00	46.47 2.65 0.00	78.56 4.31 0.00	122.71 6.19 0.00	45.21 2.33 0.00	37.01 1.84 0.00	36.95 1.62 0.00
HUDSON AVE_GT_5 23657	39.52 1.27 0.00	37.37 1.21 0.00	37.79 1.14 0.00	42.08 1.18 0.00	43.12 1.21 0.00	39.07 1.29 0.00	60.38 2.44 0.00	71.83 3.46 0.00	93.06 3.99 0.00	33.09 1.55 0.00	30.13 1.51 0.00	31.35 1.48 0.00	35.24 1.69 0.00	40.17 2.02 0.00	38.86 2.04 0.00	36.37 1.98 0.00	37.36 2.18 0.00	39.83 2.25 0.00	46.47 2.65 0.00	78.56 4.31 0.00	122.71 6.19 0.00	45.21 2.33 0.00	37.01 1.84 0.00	36.95 1.62 0.00
HUDSON_AVE_10 24168	39.37 1.12 0.00	37.18 1.03 0.01	37.56 0.93 0.02	41.82 0.94 0.02	42.87 0.97 0.01	38.85 1.07 0.01	60.08 2.14 0.00	71.53 3.15 0.00	92.69 3.63 0.00	32.95 1.41 0.00	30.01 1.40 0.00	31.23 1.37 0.00	35.10 1.55 0.00	40.00 1.85 0.00	38.69 1.87 0.00	36.22 1.83 0.00	37.23 2.05 0.00	39.68 2.10 0.00	46.27 2.44 0.00	78.21 3.95 0.00	122.19 5.66 0.00	45.03 2.16 0.00	36.88 1.71 0.00	36.81 1.47 0.00
HUDSON___115KV_TB 4 355613	39.35 1.11 0.00	37.27 1.12 0.00	37.73 1.09 0.00	42.10 1.20 0.00	43.14 1.23 0.00	38.91 1.13 0.00	59.79 1.85 0.00	70.60 2.22 0.00	91.28 2.22 0.00	32.08 0.53 0.00	28.92 0.31 0.00	30.18 0.31 0.00	34.04 0.49 0.00	39.19 1.04 0.00	37.89 1.06 0.00	35.36 0.97 0.00	36.11 0.94 0.00	38.92 1.34 0.00	45.42 1.59 0.00	77.04 2.79 0.00	120.68 4.15 0.00	44.41 1.54 0.00	36.34 1.17 0.00	36.31 0.97 0.00
HUNTER MOUNT___DRP 323613	39.58 1.33 0.00	37.49 1.33 0.00	37.94 1.30 0.00	42.35 1.45 0.00	43.40 1.49 0.00	39.16 1.37 0.00	60.19 2.25 0.00	71.05 2.67 0.00	91.88 2.82 0.00	32.20 0.66 0.00	28.99 0.38 0.00	30.25 0.39 0.00	34.18 0.63 0.00	39.37 1.22 0.00	38.05 1.23 0.00	35.48 1.09 0.00	36.28 1.10 0.00	39.06 1.48 0.00	45.62 1.80 0.00	77.52 3.26 0.00	121.39 4.86 0.00	44.66 1.79 0.00	36.54 1.37 0.00	36.49 1.15 0.00
HUNTINGTON_RES_REC 323705	39.71 1.46 0.00	37.32 1.16 0.00	37.79 1.14 0.00	42.22 1.32 0.00	43.23 1.32 0.00	39.15 1.37 0.00	60.73 2.79 0.00	71.59 3.22 0.00	92.37 3.31 0.00	33.06 1.51 0.00	30.09 1.48 0.00	31.13 1.26 0.00	34.91 1.36 0.00	39.75 1.59 0.00	38.67 1.74 -0.11	39.80 2.12 -3.29	38.31 2.32 -0.81	42.95 2.42 -2.95	47.90 2.74 -1.33	78.53 4.27 0.00	122.66 6.13 0.00	44.77 1.89 0.00	36.57 1.40 0.00	36.75 1.25 -0.17
HUNTLEY___63 23557	37.71 -0.54 0.00	35.59 -0.57 0.00	36.06 -0.58 0.00	39.77 -1.13 0.00	40.80 -1.11 0.00	36.98 -0.80 0.00	55.17 -2.77 0.00	64.56 -3.82 0.00	85.93 -3.13 0.00	30.33 -1.22 0.00	27.89 -0.72 0.00	29.04 -0.83 0.00	30.84 -0.84 1.87	35.67 -1.16 1.33	34.68 -1.46 0.68	32.30 -1.74 0.35	32.96 -1.74 0.49	30.18 -2.38 5.02	37.34 -2.54 3.95	70.22 -4.03 0.00	111.53 -5.00 0.00	40.60 -2.27 0.00	33.75 -1.42 0.00	34.32 -1.02 0.00
HUNTLEY___64 23558	37.71 -0.54 0.00	35.59 -0.57 0.00	36.06 -0.58 0.00	39.77 -1.13 0.00	40.80 -1.11 0.00	36.98 -0.80 0.00	55.17 -2.77 0.00	64.56 -3.82 0.00	85.93 -3.13 0.00	30.33 -1.22 0.00	27.89 -0.72 0.00	29.04 -0.83 0.00	30.84 -0.84 1.87	35.67 -1.16 1.33	34.68 -1.46 0.68	32.30 -1.74 0.35	32.96 -1.74 0.49	30.18 -2.38 5.02	37.34 -2.54 3.95	70.22 -4.03 0.00	111.53 -5.00 0.00	40.60 -2.27 0.00	33.75 -1.42 0.00	34.32 -1.02 0.00
HUNTLEY___65 23559	37.71 -0.54 0.00	35.59 -0.57 0.00	36.06 -0.58 0.00	39.77 -1.13 0.00	40.80 -1.11 0.00	36.98 -0.80 0.00	55.17 -2.77 0.00	64.56 -3.82 0.00	85.93 -3.13 0.00	30.33 -1.22 0.00	27.89 -0.72 0.00	29.04 -0.83 0.00	30.84 -0.84 1.87	35.67 -1.16 1.33	34.68 -1.46 0.68	32.30 -1.74 0.35	32.96 -1.74 0.49	30.18 -2.38 5.02	37.34 -2.54 3.95	70.22 -4.03 0.00	111.53 -5.00 0.00	40.60 -2.27 0.00	33.75 -1.42 0.00	34.32 -1.02 0.00
HUNTLEY___66 23560	37.71 -0.54 0.00	35.59 -0.57 0.00	36.06 -0.58 0.00	39.77 -1.13 0.00	40.80 -1.11 0.00	36.98 -0.80 0.00	55.17 -2.77 0.00	64.56 -3.82 0.00	85.93 -3.13 0.00	30.33 -1.22 0.00	27.89 -0.72 0.00	29.04 -0.83 0.00	30.84 -0.84 1.87	35.67 -1.16 1.33	34.68 -1.46 0.68	32.30 -1.74 0.35	32.96 -1.74 0.49	30.18 -2.38 5.02	37.34 -2.54 3.95	70.22 -4.03 0.00	111.53 -5.00 0.00	40.60 -2.27 0.00	33.75 -1.42 0.00	34.32 -1.02 0.00



HUNTLEY___67 23561	37.55 -0.70 0.00	35.47 -0.69 0.00	35.94 -0.70 0.00	39.65 -1.25 0.00	40.66 -1.25 0.00	36.83 -0.95 0.00	55.04 -2.90 0.00	64.31 -4.07 0.00	84.92 -4.14 0.00	30.04 -1.50 0.00	27.44 -1.17 0.00	28.56 -1.30 0.00	30.38 -1.36 1.81	35.10 -1.78 1.28	34.17 -2.00 0.66	32.07 -1.99 0.33	32.44 -2.27 0.47	29.82 -2.90 4.86	36.76 -3.24 3.82	68.95 -5.30 0.00	109.38 -7.15 0.00	39.89 -2.98 0.00	33.17 -2.00 0.00	33.77 -1.57 0.00
HUNTLEY___68 23562	37.55 -0.70 0.00	35.47 -0.69 0.00	35.94 -0.70 0.00	39.65 -1.25 0.00	40.66 -1.25 0.00	36.83 -0.95 0.00	55.04 -2.90 0.00	64.31 -4.07 0.00	84.92 -4.14 0.00	30.04 -1.50 0.00	27.44 -1.17 0.00	28.56 -1.30 0.00	30.38 -1.36 1.81	35.10 -1.78 1.28	34.17 -2.00 0.66	32.07 -1.99 0.33	32.44 -2.27 0.47	29.82 -2.90 4.86	36.76 -3.24 3.82	68.95 -5.30 0.00	109.38 -7.15 0.00	39.89 -2.98 0.00	33.17 -2.00 0.00	33.77 -1.57 0.00
HYLAND___LFG 323620	39.66 1.42 0.00	37.47 1.31 0.00	37.93 1.29 0.00	42.12 1.22 0.00	43.34 1.43 0.00	39.30 1.52 0.00	59.84 1.90 0.00	70.48 2.10 0.00	92.05 2.99 0.00	32.17 0.62 0.00	28.89 0.28 0.00	29.67 -0.19 0.00	41.69 -0.44 -8.58	43.21 -1.11 -6.17	37.69 -2.28 -3.15	33.57 -2.42 -1.60	35.33 -2.12 -2.27	58.36 -2.61 -23.39	60.01 -2.19 -18.38	72.05 -2.21 -0.01	114.41 -2.12 0.00	42.79 -0.09 0.00	35.40 0.23 0.00	35.70 0.36 0.00
INDECK___CORINTH 23802	38.92 0.67 0.00	36.84 0.67 0.00	37.34 0.70 0.00	41.76 0.86 0.00	42.77 0.86 0.00	38.71 0.93 0.00	59.75 1.81 0.00	70.31 1.93 0.00	91.20 2.14 0.00	31.85 0.31 0.00	28.75 0.14 0.00	30.06 0.20 0.00	33.74 0.19 0.00	38.48 0.33 0.00	37.25 0.43 0.00	34.99 0.60 0.00	35.86 0.68 0.00	38.57 0.99 0.00	45.10 1.27 0.00	76.64 2.38 0.00	119.94 3.41 0.00	44.04 1.17 0.00	36.05 0.88 0.00	36.03 0.70 0.00
INDECK___ILION 23567	38.32 0.07 0.00	36.25 0.09 0.00	36.70 0.06 0.00	40.95 0.05 0.00	41.95 0.04 0.00	37.85 0.07 0.00	64.15 0.25 -5.96	68.64 0.26 0.00	88.80 -0.26 0.00	31.21 -0.34 0.00	28.26 -0.35 0.00	29.61 -0.26 0.00	33.32 -0.23 0.00	37.87 -0.29 0.00	36.59 -0.23 0.00	34.18 -0.21 0.00	35.00 -0.18 0.00	37.52 -0.06 0.00	44.00 0.18 0.00	74.75 0.50 0.00	117.11 0.58 0.00	43.16 0.28 0.00	35.32 0.15 0.00	35.34 0.00 0.00
INDECK___OLEAN 23982	38.67 0.43 0.00	36.66 0.50 0.00	37.18 0.53 0.00	41.20 0.31 0.00	42.25 0.35 0.00	38.07 0.29 0.00	57.30 -0.64 0.00	67.15 -1.23 0.00	88.22 -0.84 0.00	30.98 -0.56 0.00	28.20 -0.42 0.00	29.52 -0.35 0.00	33.27 -0.28 0.00	37.65 -0.50 0.00	35.93 -0.89 0.00	33.43 -0.96 0.00	34.10 -1.08 0.00	36.07 -1.51 0.00	42.03 -1.79 0.00	71.94 -2.31 0.00	113.35 -3.18 0.00	41.23 -1.65 0.00	34.04 -1.13 0.00	34.59 -0.75 0.00
INDECK___OSWEGO 23783	37.50 -0.74 0.00	35.47 -0.69 0.00	35.95 -0.69 0.00	40.04 -0.86 0.00	40.99 -0.92 0.00	36.71 -1.08 0.00	64.37 -1.97 -8.40	66.02 -2.36 0.00	85.98 -3.08 0.00	30.51 -1.04 0.00	27.69 -0.92 0.00	28.87 -0.99 0.00	32.65 -0.90 0.00	37.13 -1.03 0.00	35.85 -0.97 0.00	33.42 -0.97 0.00	34.21 -0.96 0.00	36.57 -1.01 0.00	42.71 -1.12 0.00	72.53 -1.72 0.00	113.91 -2.63 0.00	41.83 -1.05 0.00	34.36 -0.82 0.00	34.58 -0.75 0.00
INDECK___YERKES 23781	37.78 -0.46 0.00	35.63 -0.53 0.00	36.10 -0.54 0.00	39.82 -1.08 0.00	40.84 -1.07 0.00	37.03 -0.75 0.00	55.22 -2.72 0.00	64.62 -3.76 0.00	85.96 -3.10 0.00	30.36 -1.18 0.00	27.92 -0.69 0.00	29.07 -0.80 0.00	30.89 -0.79 1.87	35.72 -1.11 1.33	34.75 -1.40 0.68	32.34 -1.70 0.35	32.99 -1.70 0.49	30.26 -2.30 5.02	37.44 -2.43 3.95	70.30 -3.95 0.00	111.67 -4.86 0.00	40.64 -2.23 0.00	33.78 -1.39 0.00	34.35 -0.98 0.00
INDIAN POINT_GT_1 24139	39.08 0.83 0.00	37.00 0.84 0.00	37.44 0.80 0.00	41.72 0.82 0.00	42.76 0.85 0.00	38.69 0.91 0.00	59.70 1.76 0.00	70.83 2.45 0.00	91.75 2.69 0.00	32.58 1.03 0.00	29.57 0.96 0.00	30.80 0.93 0.00	34.66 1.11 0.00	39.55 1.39 0.00	38.25 1.43 0.00	35.81 1.42 0.00	36.75 1.57 0.00	39.24 1.66 0.00	45.80 1.98 0.00	77.50 3.24 0.00	121.16 4.63 0.00	44.61 1.74 0.00	36.51 1.34 0.00	36.48 1.15 0.00
INDIAN POINT_GT_2 23659	39.08 0.83 0.00	37.00 0.84 0.00	37.44 0.80 0.00	41.72 0.82 0.00	42.76 0.85 0.00	38.69 0.91 0.00	59.70 1.76 0.00	70.83 2.45 0.00	91.75 2.69 0.00	32.58 1.03 0.00	29.57 0.96 0.00	30.80 0.93 0.00	34.66 1.11 0.00	39.55 1.39 0.00	38.25 1.43 0.00	35.81 1.42 0.00	36.75 1.57 0.00	39.24 1.66 0.00	45.80 1.98 0.00	77.50 3.24 0.00	121.16 4.63 0.00	44.61 1.74 0.00	36.51 1.34 0.00	36.48 1.15 0.00
INDIAN POINT_GT_3 24019	39.08 0.83 0.00	37.00 0.84 0.00	37.44 0.80 0.00	41.72 0.82 0.00	42.76 0.85 0.00	38.69 0.91 0.00	59.70 1.76 0.00	70.83 2.45 0.00	91.75 2.69 0.00	32.58 1.03 0.00	29.57 0.96 0.00	30.80 0.93 0.00	34.66 1.11 0.00	39.55 1.39 0.00	38.25 1.43 0.00	35.81 1.42 0.00	36.75 1.57 0.00	39.24 1.66 0.00	45.80 1.98 0.00	77.50 3.24 0.00	121.16 4.63 0.00	44.61 1.74 0.00	36.51 1.34 0.00	36.48 1.15 0.00
INDIAN POINT___2 23530	38.95 0.70 0.00	36.90 0.74 0.00	37.34 0.70 0.00	41.62 0.72 0.00	42.66 0.75 0.00	38.59 0.81 0.00	59.52 1.58 0.00	70.58 2.20 0.00	91.44 2.37 0.00	32.45 0.90 0.00	29.44 0.83 0.00	30.66 0.80 0.00	34.53 0.98 0.00	39.40 1.24 0.00	38.11 1.29 0.00	35.68 1.29 0.00	36.61 1.43 0.00	39.09 1.51 0.00	45.63 1.81 0.00	77.24 2.99 0.00	120.79 4.26 0.00	44.48 1.60 0.00	36.41 1.24 0.00	36.38 1.05 0.00
INDIAN POINT___3 23531	39.13 0.89 0.00	37.04 0.88 0.00	37.48 0.84 0.00	41.77 0.87 0.00	42.80 0.89 0.00	38.73 0.94 0.00	59.76 1.82 0.00	70.91 2.53 0.00	91.87 2.80 0.00	32.61 1.07 0.00	29.62 1.01 0.00	30.85 0.99 0.00	34.72 1.17 0.00	39.61 1.45 0.00	38.31 1.49 0.00	35.86 1.48 0.00	36.80 1.62 0.00	39.29 1.71 0.00	45.85 2.03 0.00	77.56 3.31 0.00	121.26 4.74 0.00	44.65 1.78 0.00	36.55 1.38 0.00	36.52 1.18 0.00
INGHAM_C_115KV_TB7 356103	38.20 -0.04 0.00	36.17 0.01 0.00	36.58 -0.06 0.00	40.81 -0.09 0.00	41.78 -0.13 0.00	37.73 -0.06 0.00	64.10 0.20 -5.96	68.44 0.06 0.00	87.85 -1.21 0.00	30.56 -0.99 0.00	27.61 -1.00 0.00	29.06 -0.80 0.00	32.78 -0.77 0.00	37.26 -0.89 0.00	36.08 -0.74 0.00	33.74 -0.65 0.00	34.55 -0.64 0.00	37.21 -0.37 0.00	43.98 0.16 0.00	74.90 0.65 0.00	117.13 0.60 0.00	43.23 0.35 0.00	35.32 0.15 0.00	35.16 -0.17 0.00
IP CORINTH___1 23988	39.14 0.90 0.00	37.03 0.87 0.00	37.54 0.90 0.00	41.98 1.09 0.00	42.99 1.08 0.00	38.93 1.15 0.00	60.09 2.15 0.00	70.71 2.33 0.00	91.67 2.61 0.00	32.02 0.48 0.00	28.90 0.29 0.00	30.23 0.37 0.00	33.92 0.38 0.00	38.68 0.52 0.00	37.43 0.61 0.00	35.18 0.79 0.00	36.04 0.86 0.00	38.77 1.19 0.00	45.36 1.53 0.00	77.08 2.82 0.00	120.64 4.11 0.00	44.28 1.40 0.00	36.23 1.07 0.00	36.22 0.89 0.00

IP___TICONDEROGA 23804	40.14 1.89 0.00	37.96 1.80 0.00	38.47 1.83 0.00	43.22 2.32 0.00	44.24 2.33 0.00	40.16 2.38 0.00	62.82 4.89 0.00	73.31 4.93 0.00	94.97 5.91 0.00	32.75 1.21 0.00	29.50 0.89 0.00	30.88 1.02 0.00	34.48 0.92 0.00	39.33 1.18 0.00	38.12 1.30 0.00	36.27 1.89 0.00	37.21 2.04 0.00	40.13 2.55 0.00	46.97 3.15 0.00	80.47 6.21 0.00	125.74 9.21 0.00	45.93 3.05 0.00	37.14 1.97 0.00	37.12 1.78 0.00
ISLIP_RES_REC 323679	40.01 1.76 0.00	37.53 1.37 0.00	38.00 1.36 0.00	42.52 1.62 0.00	43.57 1.67 0.00	39.53 1.75 0.00	61.35 3.41 0.00	72.20 3.82 0.00	93.13 4.07 0.00	33.28 1.74 0.00	30.33 1.72 0.00	31.27 1.41 0.00	35.11 1.56 0.00	39.97 1.81 0.00	38.92 1.98 -0.12	40.18 2.33 -3.46	38.68 2.65 -0.85	43.47 2.78 -3.11	48.51 3.29 -1.40	79.51 5.25 0.00	124.14 7.61 0.00	45.14 2.27 0.00	36.84 1.67 0.00	37.24 1.47 -0.43
JAMAICA__27_KV_LOAD 355505	39.56 1.31 0.00	37.25 1.09 0.01	37.51 0.88 0.02	41.78 0.90 0.02	42.83 0.93 0.01	38.83 1.06 0.01	60.24 2.31 0.00	71.76 3.38 0.00	93.11 4.04 0.00	33.05 1.50 0.00	30.16 1.55 0.00	31.40 1.53 0.00	35.27 1.72 0.00	40.13 1.97 0.00	38.80 1.97 0.00	36.38 1.99 0.00	37.43 2.25 0.00	39.87 2.29 0.00	46.39 2.57 0.00	78.51 4.26 0.00	122.70 6.17 0.00	45.27 2.39 0.00	37.11 1.95 0.00	37.01 1.68 0.00
JANIS___SOLAR 323808	40.00 1.76 0.00	37.90 1.74 0.00	38.46 1.82 0.00	42.81 1.92 0.00	44.02 2.11 0.00	39.83 2.04 0.00	61.32 3.38 0.00	72.30 3.92 0.00	93.72 4.66 0.00	32.76 1.22 0.00	29.51 0.90 0.00	30.62 0.76 0.00	35.07 0.92 -0.60	39.30 0.71 -0.44	37.37 0.32 -0.22	34.81 0.31 -0.11	35.57 0.23 -0.16	39.85 0.62 -1.65	46.24 1.12 -1.30	76.55 2.30 0.00	120.61 4.08 0.00	44.13 1.25 0.00	36.05 0.88 0.00	36.31 0.97 0.00
JARVIS____ 23743	38.22 -0.03 0.00	36.16 0.00 0.00	36.64 0.00 0.00	40.90 0.00 0.00	41.90 -0.01 0.00	37.78 0.00 0.00	63.92 0.02 -5.96	68.44 0.06 0.00	89.01 -0.06 0.00	31.48 -0.06 0.00	28.55 -0.06 0.00	29.83 -0.03 0.00	33.51 -0.04 0.00	38.11 -0.05 0.00	36.78 -0.04 0.00	34.35 -0.04 0.00	35.15 -0.03 0.00	37.58 0.00 0.00	43.87 0.05 0.00	74.39 0.14 0.00	116.67 0.14 0.00	42.96 0.08 0.00	35.21 0.04 0.00	35.34 0.00 0.00
JENNISON___1 23625	39.89 1.65 0.00	37.87 1.71 0.00	38.44 1.79 0.00	42.81 1.91 0.00	43.99 2.08 0.00	39.72 1.94 0.00	61.22 3.29 0.00	72.19 3.81 0.00	93.70 4.64 0.00	32.82 1.27 0.00	29.74 1.13 0.00	30.94 1.08 0.00	34.87 1.32 0.00	39.46 1.30 0.00	37.34 0.52 0.00	35.14 0.75 0.00	35.52 0.35 0.00	38.26 0.68 0.00	44.95 1.12 0.00	75.64 1.39 0.00	119.24 2.71 0.00	43.74 0.86 0.00	35.65 0.48 0.00	36.02 0.69 0.00
JENNISON___2 23626	39.89 1.65 0.00	37.87 1.71 0.00	38.44 1.79 0.00	42.81 1.91 0.00	43.99 2.08 0.00	39.72 1.94 0.00	61.22 3.29 0.00	72.19 3.81 0.00	93.70 4.64 0.00	32.82 1.27 0.00	29.74 1.13 0.00	30.94 1.08 0.00	34.87 1.32 0.00	39.46 1.30 0.00	37.34 0.52 0.00	35.14 0.75 0.00	35.52 0.35 0.00	38.26 0.68 0.00	44.95 1.12 0.00	75.64 1.39 0.00	119.24 2.71 0.00	43.74 0.86 0.00	35.65 0.48 0.00	36.02 0.69 0.00
JERICHO_RISE_WT_PWR 323719	38.25 0.01 0.00	35.86 -0.30 0.00	36.49 -0.15 0.00	41.30 0.40 0.00	42.54 0.64 0.00	38.50 0.72 0.00	170.58 1.41 -111.23	69.51 1.13 0.00	91.07 2.00 0.00	32.07 0.52 0.00	28.79 0.18 0.00	29.91 0.04 0.00	33.35 -0.20 0.00	37.87 -0.29 0.00	36.47 -0.35 0.00	34.36 -0.03 0.00	35.14 -0.04 0.00	37.68 0.10 0.00	43.93 0.11 0.00	74.18 -0.07 0.00	116.55 0.02 0.00	42.82 -0.06 0.00	35.01 -0.16 0.00	35.38 0.05 0.00
KATONAH__115KV_46KV_TB4 355592	39.41 1.17 0.00	37.30 1.14 0.00	37.73 1.09 0.00	42.05 1.16 0.00	43.10 1.19 0.00	39.02 1.24 0.00	60.27 2.33 0.00	71.55 3.17 0.00	92.72 3.66 0.00	32.91 1.36 0.00	29.89 1.28 0.00	31.12 1.26 0.00	34.99 1.44 0.00	39.92 1.77 0.00	38.62 1.80 0.00	36.15 1.76 0.00	37.09 1.92 0.00	39.62 2.04 0.00	46.25 2.43 0.00	78.23 3.98 0.00	122.31 5.78 0.00	45.01 2.14 0.00	36.84 1.66 0.00	36.79 1.46 0.00
KCE_NY_1 323755	39.45 1.21 0.00	37.37 1.21 0.00	37.88 1.24 0.00	42.32 1.43 0.00	43.32 1.41 0.00	39.22 1.44 0.00	60.33 2.39 0.00	71.05 2.67 0.00	92.17 3.11 0.00	32.29 0.74 0.00	29.19 0.58 0.00	30.55 0.68 0.00	34.37 0.82 0.00	39.23 1.07 0.00	37.90 1.08 0.00	35.54 1.15 0.00	36.36 1.18 0.00	39.00 1.42 0.00	45.69 1.87 0.00	77.63 3.38 0.00	121.47 4.94 0.00	44.57 1.69 0.00	36.47 1.30 0.00	36.52 1.18 0.00
KCE_NY_6_ESR 323823	38.17 -0.08 0.00	36.00 -0.16 0.00	36.47 -0.18 0.00	40.22 -0.67 0.00	41.24 -0.67 0.00	37.41 -0.37 0.00	56.02 -1.92 0.00	65.51 -2.87 0.00	86.42 -2.64 0.00	30.55 -1.00 0.00	27.88 -0.74 0.00	28.99 -0.87 0.00	31.14 -0.86 1.55	35.86 -1.20 1.10	34.81 -1.45 0.56	32.63 -1.48 0.28	33.00 -1.78 0.40	31.11 -2.33 4.15	38.00 -2.56 3.26	70.15 -4.10 0.00	111.18 -5.35 0.00	40.50 -2.38 0.00	33.64 -1.52 0.00	34.24 -1.10 0.00
KEDC_PORT_JEFF_GT2 24210	39.88 1.64 0.00	37.41 1.25 0.00	37.87 1.23 0.00	42.38 1.48 0.00	43.42 1.51 0.00	39.38 1.59 0.00	61.09 3.15 0.00	71.93 3.54 0.00	92.73 3.67 0.00	33.17 1.62 0.00	30.21 1.60 0.00	31.17 1.30 0.00	34.98 1.43 0.00	39.82 1.67 0.00	38.78 1.85 -0.11	39.82 2.22 -3.21	38.47 2.50 -0.79	43.09 2.62 -2.89	48.19 3.07 -1.30	79.04 4.79 0.00	123.43 6.91 0.00	44.92 2.04 0.00	36.66 1.49 0.00	36.24 1.31 0.40
KEDC_PORT_JEFF_GT3 24211	39.88 1.64 0.00	37.41 1.25 0.00	37.87 1.23 0.00	42.38 1.48 0.00	43.42 1.51 0.00	39.38 1.59 0.00	61.09 3.15 0.00	71.93 3.54 0.00	92.73 3.67 0.00	33.17 1.62 0.00	30.21 1.60 0.00	31.17 1.30 0.00	34.98 1.43 0.00	39.82 1.67 0.00	38.78 1.85 -0.11	39.82 2.22 -3.21	38.47 2.50 -0.79	43.09 2.62 -2.89	48.19 3.07 -1.30	79.04 4.79 0.00	123.43 6.91 0.00	44.92 2.04 0.00	36.66 1.49 0.00	36.24 1.31 0.40
KEDC_GLWD_GT4 24219	39.90 1.65 0.00	37.61 1.45 0.00	38.05 1.41 0.00	42.44 1.54 0.00	43.47 1.56 0.00	39.36 1.58 0.00	60.95 3.01 0.00	72.16 3.78 0.00	93.34 4.27 0.00	33.30 1.76 0.00	30.34 1.72 0.00	31.53 1.66 0.00	35.41 1.86 0.00	40.31 2.16 0.00	39.57 2.26 -0.49	51.00 2.42 -14.19	41.23 2.57 -3.48	53.05 2.72 -12.76	52.71 3.13 -5.75	79.26 5.00 0.00	123.84 7.31 0.00	45.41 2.53 0.00	37.10 1.94 0.00	37.92 1.79 -0.79
KEDC_GLWD_GT5 24220	39.90 1.65 0.00	37.61 1.45 0.00	38.05 1.41 0.00	42.44 1.54 0.00	43.47 1.56 0.00	39.36 1.58 0.00	60.95 3.01 0.00	72.16 3.78 0.00	93.34 4.27 0.00	33.30 1.76 0.00	30.34 1.72 0.00	31.53 1.66 0.00	35.41 1.86 0.00	40.31 2.16 0.00	39.57 2.26 -0.49	51.00 2.42 -14.19	41.23 2.57 -3.48	53.05 2.72 -12.76	52.71 3.13 -5.75	79.26 5.00 0.00	123.84 7.31 0.00	45.41 2.53 0.00	37.10 1.94 0.00	37.92 1.79 -0.79

KENSICO____ 23655	39.32 1.07 0.00	37.21 1.05 0.00	37.65 1.01 0.00	41.95 1.05 0.00	42.97 1.06 0.00	38.89 1.11 0.00	60.06 2.12 0.00	71.32 2.94 0.00	92.40 3.34 0.00	32.83 1.28 0.00	29.84 1.23 0.00	31.06 1.20 0.00	34.94 1.39 0.00	39.85 1.69 0.00	38.55 1.73 0.00	36.09 1.70 0.00	37.04 1.86 0.00	39.53 1.95 0.00	46.13 2.31 0.00	78.01 3.76 0.00	121.89 5.36 0.00	44.87 1.99 0.00	36.73 1.56 0.00	36.70 1.36 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	39.71 1.47 0.00	37.67 1.51 0.00	38.14 1.50 0.00	42.52 1.62 0.00	43.59 1.68 0.00	39.47 1.69 0.00	60.94 3.00 0.00	72.34 3.96 0.00	93.75 4.69 0.00	33.09 1.55 0.00	29.88 1.27 0.00	31.03 1.17 0.00	35.18 1.63 0.00	40.17 2.02 0.00	38.83 2.01 0.00	36.32 1.93 0.00	37.27 2.09 0.00	39.92 2.34 0.00	46.65 2.83 0.00	79.09 4.84 0.00	123.81 7.28 0.00	45.53 2.65 0.00	37.23 2.07 0.00	37.20 1.86 0.00
KIAC_JFK_GT1 23816	39.34 1.09 0.00	37.03 0.88 0.01	37.31 0.68 0.02	41.54 0.66 0.02	42.58 0.68 0.01	38.60 0.82 0.01	59.83 1.89 0.00	71.30 2.92 0.00	92.47 3.41 0.00	32.86 1.32 0.00	29.99 1.38 0.00	31.22 1.36 0.00	35.07 1.52 0.00	39.91 1.75 0.00	38.59 1.77 0.00	36.16 1.78 0.00	37.20 2.02 0.00	39.61 2.04 0.00	46.11 2.29 0.00	78.00 3.75 0.00	121.84 5.31 0.00	44.97 2.09 0.00	36.86 1.70 0.00	36.78 1.45 0.00
KIAC_JFK_GT2 23817	39.34 1.09 0.00	37.03 0.88 0.01	37.31 0.68 0.02	41.54 0.66 0.02	42.58 0.68 0.01	38.60 0.82 0.01	59.83 1.89 0.00	71.30 2.92 0.00	92.47 3.41 0.00	32.86 1.32 0.00	29.99 1.38 0.00	31.22 1.36 0.00	35.07 1.52 0.00	39.91 1.75 0.00	38.59 1.77 0.00	36.16 1.78 0.00	37.20 2.02 0.00	39.61 2.04 0.00	46.11 2.29 0.00	78.00 3.75 0.00	121.84 5.31 0.00	44.97 2.09 0.00	36.86 1.70 0.00	36.78 1.45 0.00
KIAC_JFK____ 323774	39.33 1.09 0.00	37.03 0.88 0.01	37.31 0.68 0.02	41.54 0.66 0.02	42.58 0.68 0.01	38.59 0.82 0.01	59.83 1.90 0.00	71.30 2.92 0.00	92.52 3.46 0.00	32.86 1.32 0.00	30.00 1.39 0.00	31.22 1.35 0.00	35.07 1.52 0.00	39.91 1.75 0.00	38.59 1.77 0.00	36.16 1.78 0.00	37.21 2.03 0.00	39.60 2.02 0.00	46.10 2.28 0.00	77.98 3.73 0.00	121.84 5.31 0.00	44.97 2.10 0.00	36.87 1.70 0.00	36.78 1.45 0.00
KINTIGH____ 23543	37.35 -0.90 0.00	35.32 -0.84 0.00	35.79 -0.85 0.00	39.54 -1.36 0.00	40.55 -1.36 0.00	36.68 -1.10 0.00	54.97 -2.97 0.00	64.35 -4.03 0.00	84.77 -4.30 0.00	30.04 -1.50 0.00	27.42 -1.19 0.00	28.58 -1.28 0.00	30.79 -1.33 1.42	35.44 -1.72 1.00	34.41 -1.90 0.51	32.25 -1.88 0.26	32.69 -2.13 0.37	31.14 -2.64 3.79	37.90 -2.95 2.98	69.31 -4.94 0.00	109.89 -6.64 0.00	40.16 -2.72 0.00	33.31 -1.86 0.00	33.84 -1.49 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	38.65 0.40 0.00	36.23 0.06 0.00	36.87 0.23 0.00	41.86 0.97 0.00	43.27 1.36 0.00	39.22 1.44 0.00	166.47 2.66 -105.86	70.57 2.19 0.00	92.76 3.70 0.00	32.56 1.02 0.00	29.12 0.51 0.00	30.23 0.37 0.00	33.67 0.12 0.00	38.29 0.13 0.00	36.95 0.13 0.00	34.81 0.42 0.00	35.59 0.41 0.00	38.20 0.62 0.00	44.52 0.70 0.00	75.08 0.82 0.00	117.80 1.27 0.00	43.37 0.49 0.00	35.54 0.37 0.00	35.94 0.61 0.00
LACHUTE____HYDRO 323717	40.14 1.89 0.00	37.96 1.80 0.00	38.47 1.83 0.00	43.22 2.32 0.00	44.24 2.33 0.00	40.16 2.38 0.00	62.82 4.88 0.00	73.30 4.93 0.00	94.97 5.90 0.00	32.75 1.20 0.00	29.50 0.89 0.00	30.88 1.02 0.00	34.47 0.92 0.00	39.33 1.18 0.00	38.12 1.30 0.00	36.27 1.89 0.00	37.21 2.03 0.00	40.13 2.55 0.00	46.97 3.14 0.00	80.46 6.21 0.00	125.74 9.21 0.00	45.93 3.05 0.00	37.14 1.97 0.00	37.12 1.78 0.00
LAWRNCV_115KV_TB1 80681	38.08 -0.17 0.00	35.70 -0.46 0.00	36.21 -0.43 0.00	40.71 -0.19 0.00	41.83 -0.08 0.00	37.87 0.09 0.00	257.33 0.54 -198.85	68.65 0.27 -0.01	89.58 0.52 0.00	31.60 0.05 0.00	28.44 -0.18 0.00	29.57 -0.30 0.00	33.08 -0.47 0.00	37.53 -0.63 0.00	36.18 -0.65 0.00	33.88 -0.51 0.00	34.75 -0.43 0.00	37.22 -0.36 0.00	43.37 -0.45 0.00	73.92 -0.34 0.00	116.43 -0.09 0.00	42.73 -0.15 0.00	34.98 -0.19 0.00	35.23 -0.10 0.00
LEDERLE____ 23769	39.20 0.95 0.00	37.12 0.96 0.00	37.56 0.92 0.00	41.86 0.96 0.00	42.92 1.01 0.00	38.94 1.16 0.00	60.11 2.16 0.00	71.31 2.93 0.00	92.40 3.33 0.00	32.79 1.24 0.00	29.75 1.14 0.00	30.90 1.04 0.00	34.79 1.24 0.00	39.70 1.54 0.00	38.39 1.57 0.00	35.95 1.56 0.00	36.88 1.70 0.00	39.39 1.81 0.00	45.98 2.16 0.00	77.83 3.58 0.00	121.70 5.17 0.00	44.80 1.93 0.00	36.66 1.49 0.00	36.62 1.28 0.00
LIGHTHSE_115KV_TB6 355974	37.82 -0.42 0.00	35.67 -0.49 0.00	36.16 -0.48 0.00	40.28 -0.62 0.00	41.45 -0.46 0.00	37.40 -0.38 0.00	77.38 -0.62 -20.06	67.57 -0.81 0.00	87.89 -1.17 0.00	30.92 -0.62 0.00	27.87 -0.74 0.00	28.96 -0.91 0.00	32.60 -0.95 0.00	36.94 -1.22 0.00	35.72 -1.10 0.00	33.17 -1.22 0.00	34.17 -1.01 0.00	36.66 -0.93 0.00	42.95 -0.87 0.00	73.49 -0.76 0.00	115.57 -0.96 0.00	42.31 -0.57 0.00	34.73 -0.44 0.00	34.90 -0.44 0.00
LINDEN COGEN____ 23786	39.19 0.94 0.00	37.10 0.94 0.00	37.51 0.87 0.00	41.78 0.88 0.00	42.82 0.91 0.00	38.80 1.01 0.00	59.96 2.02 0.00	71.31 2.93 0.00	92.29 3.23 0.00	32.82 1.28 0.00	29.87 1.26 0.00	31.07 1.21 0.00	34.92 1.36 0.00	39.82 1.66 0.00	38.53 1.71 0.00	36.06 1.68 0.00	37.05 1.87 0.00	39.50 1.91 0.00	46.07 2.25 0.00	77.91 3.66 0.00	121.72 5.19 0.00	44.86 1.98 0.00	36.74 1.57 0.00	36.67 1.34 0.00
LINDHRST_69_KV_BK1 356055	40.05 1.81 0.00	37.67 1.51 0.00	38.13 1.48 0.00	42.54 1.64 0.00	43.58 1.67 0.00	39.47 1.69 0.00	61.21 3.27 0.00	72.30 3.92 0.00	93.32 4.26 0.00	33.34 1.80 0.00	30.33 1.72 0.00	31.47 1.61 0.00	35.33 1.78 0.00	40.21 2.06 0.00	39.29 2.20 -0.27	44.73 2.53 -7.81	39.79 2.69 -1.92	47.51 2.91 -7.02	50.32 3.33 -3.16	79.64 5.38 0.00	124.38 7.85 0.00	45.41 2.54 0.00	37.08 1.91 0.00	37.49 1.75 -0.40
LIPA_MISC_IPP 23656	39.69 1.45 0.00	37.18 1.02 0.00	37.65 1.01 0.00	42.19 1.29 0.00	43.24 1.33 0.00	39.21 1.43 0.00	60.79 2.86 0.00	71.46 3.08 0.00	91.98 2.92 0.00	32.93 1.39 0.00	30.02 1.41 0.00	30.91 1.05 0.00	34.69 1.15 0.00	39.50 1.34 0.00	38.46 1.54 -0.11	39.35 1.89 -3.07	38.12 2.18 -0.75	42.65 2.32 -2.76	47.87 2.80 -1.24	78.58 4.33 0.00	122.66 6.13 0.00	44.53 1.66 0.00	36.36 1.19 0.00	28.34 1.01 8.00
LISF____SOLAR 323691	39.75 1.50 0.00	37.24 1.08 0.00	37.70 1.06 0.00	42.26 1.37 0.00	43.31 1.40 0.00	39.28 1.50 0.00	60.91 2.97 0.00	71.59 3.21 0.00	92.16 3.10 0.00	32.96 1.42 0.00	30.05 1.43 0.00	30.90 1.03 0.00	34.71 1.16 0.00	39.51 1.36 0.00	38.47 1.54 -0.11	39.41 1.91 -3.11	38.19 2.25 -0.76	42.75 2.37 -2.80	47.98 2.89 -1.26	78.77 4.51 0.00	122.94 6.41 0.00	44.62 1.75 0.00	36.43 1.26 0.00	27.44 1.06 8.95

LITTLE FALLS___HYD 24013	38.20 -0.04 0.00	36.17 0.01 0.00	36.58 -0.06 0.00	40.81 -0.09 0.00	41.78 -0.13 0.00	37.73 -0.06 0.00	64.10 0.20 -5.96	68.44 0.06 0.00	87.85 -1.21 0.00	30.56 -0.99 0.00	27.61 -1.00 0.00	29.06 -0.80 0.00	32.78 -0.77 0.00	37.26 -0.89 0.00	36.08 -0.74 0.00	33.74 -0.65 0.00	34.55 -0.64 0.00	37.21 -0.37 0.00	43.98 0.16 0.00	74.90 0.65 0.00	117.13 0.60 0.00	43.23 0.35 0.00	35.32 0.15 0.00	35.16 -0.17 0.00
LITTLRIV_115KV_TB1 356100	38.70 0.45 0.00	36.27 0.11 0.00	36.77 0.13 0.00	41.34 0.44 0.00	42.49 0.58 0.00	38.50 0.72 0.00	251.49 1.62 -191.92	69.91 1.52 -0.01	91.11 2.05 0.00	31.99 0.44 0.00	28.70 0.09 0.00	29.82 -0.04 0.00	33.40 -0.14 0.00	37.87 -0.29 0.00	36.49 -0.33 0.00	34.27 -0.12 0.00	35.20 0.02 0.00	37.79 0.21 0.00	44.07 0.25 0.00	75.31 1.06 0.00	118.66 2.13 0.00	43.50 0.63 0.00	35.59 0.42 0.00	35.80 0.47 0.00
LI_NEWBRDGE___DRP 323616	39.53 1.28 0.00	37.24 1.08 0.00	37.70 1.06 0.00	42.06 1.16 0.00	43.06 1.15 0.00	38.99 1.21 0.00	60.36 2.42 0.00	71.41 3.03 0.00	92.27 3.21 0.00	32.96 1.41 0.00	30.02 1.41 0.00	31.18 1.31 0.00	35.00 1.45 0.00	39.86 1.71 0.00	38.65 1.83 0.00	36.43 2.04 0.00	37.36 2.18 0.00	39.89 2.31 0.00	46.46 2.64 0.00	78.34 4.09 0.00	122.37 5.84 0.00	44.85 1.97 0.00	36.67 1.51 0.00	36.70 1.36 0.00
LOCKPORT_115KV_TB60_63_64 80432	37.41 -0.83 0.00	35.33 -0.83 0.00	35.80 -0.85 0.00	39.48 -1.42 0.00	40.51 -1.40 0.00	36.73 -1.06 0.00	54.64 -3.30 0.00	63.81 -4.57 0.00	84.33 -4.72 0.00	29.83 -1.71 0.00	27.26 -1.36 0.00	28.38 -1.49 0.00	29.86 -1.58 2.11	34.63 -2.03 1.50	33.81 -2.25 0.76	31.78 -2.22 0.39	32.15 -2.48 0.55	28.66 -3.24 5.67	35.81 -3.55 4.46	68.47 -5.78 0.00	108.74 -7.79 0.00	39.67 -3.20 0.00	33.03 -2.14 0.00	33.63 -1.71 0.00
LOCKPORT___CC1 323769	37.40 -0.85 0.00	35.30 -0.86 0.00	35.77 -0.88 0.00	39.45 -1.45 0.00	40.48 -1.42 0.00	36.70 -1.09 0.00	54.63 -3.31 0.00	63.79 -4.58 0.00	84.22 -4.84 0.00	29.81 -1.73 0.00	27.22 -1.39 0.00	28.32 -1.55 0.00	29.39 -1.64 2.52	34.27 -2.09 1.79	33.60 -2.30 0.92	31.63 -2.29 0.47	31.98 -2.55 0.66	27.53 -3.25 6.80	34.92 -3.56 5.34	68.33 -5.92 0.00	108.53 -8.00 0.00	39.61 -3.27 0.00	32.94 -2.23 0.00	33.56 -1.77 0.00
LOCKPORT___CC2 323770	37.40 -0.85 0.00	35.30 -0.86 0.00	35.77 -0.88 0.00	39.45 -1.45 0.00	40.48 -1.42 0.00	36.70 -1.09 0.00	54.63 -3.31 0.00	63.79 -4.58 0.00	84.22 -4.84 0.00	29.81 -1.73 0.00	27.22 -1.39 0.00	28.32 -1.55 0.00	29.39 -1.64 2.52	34.27 -2.09 1.79	33.60 -2.30 0.92	31.63 -2.29 0.47	31.98 -2.55 0.66	27.53 -3.25 6.80	34.92 -3.56 5.34	68.33 -5.92 0.00	108.53 -8.00 0.00	39.61 -3.27 0.00	32.94 -2.23 0.00	33.56 -1.77 0.00
LOCKPORT___CC3 323771	37.40 -0.85 0.00	35.30 -0.86 0.00	35.77 -0.88 0.00	39.45 -1.45 0.00	40.48 -1.42 0.00	36.70 -1.09 0.00	54.63 -3.31 0.00	63.79 -4.58 0.00	84.22 -4.84 0.00	29.81 -1.73 0.00	27.22 -1.39 0.00	28.32 -1.55 0.00	29.39 -1.64 2.52	34.27 -2.09 1.79	33.60 -2.30 0.92	31.63 -2.29 0.47	31.98 -2.55 0.66	27.53 -3.25 6.80	34.92 -3.56 5.34	68.33 -5.92 0.00	108.53 -8.00 0.00	39.61 -3.27 0.00	32.94 -2.23 0.00	33.56 -1.77 0.00
LONG_LAKE_PHOENIX 24014	37.63 -0.62 0.00	35.61 -0.55 0.00	36.09 -0.55 0.00	40.18 -0.72 0.00	41.17 -0.74 0.00	37.03 -0.76 0.00	62.94 -1.39 -6.39	66.73 -1.65 0.00	86.92 -2.14 0.00	30.84 -0.70 0.00	28.03 -0.58 0.00	29.24 -0.62 0.00	32.89 -0.66 0.00	37.28 -0.88 0.00	36.01 -0.81 0.00	33.58 -0.81 0.00	34.35 -0.83 0.00	36.76 -0.82 0.00	42.88 -0.94 0.00	72.77 -1.48 0.00	114.32 -2.21 0.00	41.97 -0.91 0.00	34.47 -0.70 0.00	34.69 -0.65 0.00
LOVETT___3 23632	39.04 0.80 0.00	36.97 0.81 0.00	37.41 0.77 0.00	41.70 0.80 0.00	42.73 0.83 0.00	38.66 0.88 0.00	59.64 1.70 0.00	70.76 2.38 0.00	91.66 2.60 0.00	32.55 1.00 0.00	29.55 0.94 0.00	30.78 0.91 0.00	34.64 1.09 0.00	39.52 1.36 0.00	38.23 1.41 0.00	35.80 1.41 0.00	36.72 1.54 0.00	39.21 1.63 0.00	45.76 1.94 0.00	77.42 3.17 0.00	121.04 4.51 0.00	44.57 1.70 0.00	36.48 1.31 0.00	36.45 1.12 0.00
LOVETT___4 23642	39.04 0.80 0.00	36.97 0.81 0.00	37.41 0.77 0.00	41.70 0.80 0.00	42.73 0.83 0.00	38.66 0.88 0.00	59.64 1.70 0.00	70.76 2.38 0.00	91.66 2.60 0.00	32.55 1.00 0.00	29.55 0.94 0.00	30.78 0.91 0.00	34.64 1.09 0.00	39.52 1.36 0.00	38.23 1.41 0.00	35.80 1.41 0.00	36.72 1.54 0.00	39.21 1.63 0.00	45.76 1.94 0.00	77.42 3.17 0.00	121.04 4.51 0.00	44.57 1.70 0.00	36.48 1.31 0.00	36.45 1.12 0.00
LOVETT___5 23593	39.04 0.80 0.00	36.97 0.81 0.00	37.41 0.77 0.00	41.70 0.80 0.00	42.73 0.83 0.00	38.66 0.88 0.00	59.64 1.70 0.00	70.76 2.38 0.00	91.66 2.60 0.00	32.55 1.00 0.00	29.55 0.94 0.00	30.78 0.91 0.00	34.64 1.09 0.00	39.52 1.36 0.00	38.23 1.41 0.00	35.80 1.41 0.00	36.72 1.54 0.00	39.21 1.63 0.00	45.76 1.94 0.00	77.42 3.17 0.00	121.04 4.51 0.00	44.57 1.70 0.00	36.48 1.31 0.00	36.45 1.12 0.00
LOWER RAQUET___HYD 24057	37.90 -0.35 0.00	35.51 -0.65 0.00	36.02 -0.63 0.00	40.51 -0.39 0.00	41.65 -0.26 0.00	37.73 -0.06 0.00	243.69 0.35 -185.40	68.35 -0.03 -0.01	89.14 0.08 0.00	31.45 -0.10 0.00	28.28 -0.34 0.00	29.38 -0.49 0.00	32.87 -0.67 0.00	37.28 -0.87 0.00	35.94 -0.88 0.00	33.67 -0.72 0.00	34.56 -0.62 0.00	37.04 -0.54 0.00	43.17 -0.66 0.00	73.65 -0.60 0.00	116.00 -0.53 0.00	42.56 -0.31 0.00	34.83 -0.34 0.00	35.06 -0.27 0.00
LOWER___HUDSON 24059	39.01 0.77 0.00	36.95 0.79 0.00	37.43 0.79 0.00	41.78 0.89 0.00	42.79 0.88 0.00	38.62 0.84 0.00	59.31 1.37 0.00	69.94 1.56 0.00	90.83 1.77 0.00	32.04 0.49 0.00	28.97 0.36 0.00	30.30 0.43 0.00	34.05 0.50 0.00	38.95 0.79 0.00	37.64 0.83 0.00	35.26 0.87 0.00	36.06 0.88 0.00	38.61 1.03 0.00	45.06 1.24 0.00	76.34 2.09 0.00	119.42 2.89 0.00	43.99 1.12 0.00	35.99 0.82 0.00	36.01 0.68 0.00
LOWVILLE_115KV_TB2 356335	38.40 0.16 0.00	36.13 -0.03 0.00	36.67 0.02 0.00	41.08 0.18 0.00	42.47 0.56 0.00	38.61 0.83 0.00	113.31 1.58 -53.79	70.08 1.70 0.00	91.14 2.08 0.00	31.70 0.16 0.00	28.39 -0.22 0.00	29.37 -0.49 0.00	32.87 -0.68 0.00	37.17 -0.99 0.00	35.93 -0.89 0.00	33.23 -1.16 0.00	34.47 -0.71 0.00	37.19 -0.39 0.00	43.55 -0.27 0.00	75.39 1.14 0.00	118.84 2.31 0.00	43.38 0.50 0.00	35.52 0.35 0.00	35.63 0.29 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	39.47 1.22 0.00	37.37 1.21 0.00	37.88 1.24 0.00	42.31 1.41 0.00	43.32 1.41 0.00	39.18 1.40 0.00	60.28 2.34 0.00	71.01 2.63 0.00	92.05 2.98 0.00	32.29 0.75 0.00	29.19 0.58 0.00	30.53 0.66 0.00	34.35 0.80 0.00	39.18 1.03 0.00	37.90 1.08 0.00	35.53 1.14 0.00	36.36 1.18 0.00	39.00 1.42 0.00	45.67 1.85 0.00	77.50 3.25 0.00	121.30 4.77 0.00	44.58 1.70 0.00	36.46 1.29 0.00	36.50 1.17 0.00

LUTHERNY_35_KV_BK2 355980	39.45 1.21 0.00	37.37 1.21 0.00	37.88 1.24 0.00	42.33 1.43 0.00	43.32 1.41 0.00	39.22 1.44 0.00	60.33 2.39 0.00	71.05 2.66 0.00	92.17 3.11 0.00	32.28 0.74 0.00	29.19 0.57 0.00	30.55 0.68 0.00	34.37 0.82 0.00	39.23 1.07 0.00	37.90 1.08 0.00	35.54 1.15 0.00	36.35 1.18 0.00	39.00 1.42 0.00	45.70 1.88 0.00	77.63 3.38 0.00	121.45 4.92 0.00	44.56 1.69 0.00	36.46 1.30 0.00	36.52 1.18 0.00
LWR___OSWEGATCHIE_HYD 23850	37.76 -0.48 0.00	35.43 -0.73 0.00	35.95 -0.69 0.00	40.36 -0.54 0.00	41.62 -0.28 0.00	37.77 -0.01 0.00	184.47 0.36 -126.17	68.52 0.13 0.00	89.18 0.12 0.00	31.21 -0.33 0.00	27.96 -0.65 0.00	28.97 -0.89 0.00	32.46 -1.09 0.00	36.74 -1.41 0.00	35.51 -1.32 0.00	33.05 -1.34 0.00	34.14 -1.04 0.00	36.71 -0.87 0.00	42.94 -0.88 0.00	73.83 -0.42 0.00	116.33 -0.20 0.00	42.56 -0.31 0.00	34.84 -0.33 0.00	35.00 -0.33 0.00
LYONS_FALL_HYD 23570	38.67 0.42 0.00	36.43 0.27 0.00	36.95 0.31 0.00	41.33 0.43 0.00	42.59 0.68 0.00	38.64 0.85 0.00	95.70 1.56 -36.21	70.13 1.75 0.00	91.22 2.17 0.00	31.88 0.34 0.00	28.71 0.09 0.00	29.76 -0.10 0.00	33.39 -0.17 0.00	37.82 -0.34 0.00	36.55 -0.27 0.00	33.96 -0.43 0.00	35.03 -0.15 0.00	37.68 0.10 0.00	44.10 0.28 0.00	75.79 1.54 0.00	119.26 2.73 0.00	43.63 0.75 0.00	35.73 0.56 0.00	35.82 0.48 0.00
MADISON___COUNTY_LFGE 323628	39.14 0.90 0.00	36.98 0.83 0.00	37.47 0.83 0.00	41.79 0.89 0.00	42.87 0.96 0.00	38.76 0.98 0.00	71.25 1.68 -11.62	70.41 2.03 0.00	91.59 2.53 0.00	32.22 0.67 0.00	29.24 0.63 0.00	30.34 0.48 0.00	34.11 0.56 0.00	38.66 0.51 0.00	37.38 0.56 0.00	34.94 0.55 0.00	35.78 0.60 0.00	38.29 0.71 0.00	44.89 1.07 0.00	76.49 2.24 0.00	120.06 3.53 0.00	44.03 1.15 0.00	36.04 0.87 0.00	36.16 0.82 0.00
MALONE___115KV_TB1 356076	38.61 0.36 0.00	36.16 0.00 0.00	36.79 0.14 0.00	41.56 0.66 0.00	42.79 0.88 0.00	38.75 0.97 0.00	189.73 1.93 -129.86	70.22 1.84 0.00	92.11 3.05 0.00	32.46 0.91 0.00	29.11 0.50 0.00	30.13 0.27 0.00	33.62 0.07 0.00	38.19 0.03 0.00	36.76 -0.07 0.00	34.58 0.19 0.00	35.40 0.22 0.00	38.00 0.42 0.00	44.35 0.53 0.00	75.16 0.90 0.00	118.22 1.69 0.00	43.39 0.51 0.00	35.44 0.28 0.00	35.76 0.43 0.00
MAPLEWOD_115KV_TB3 80458	39.07 0.82 0.00	37.00 0.84 0.00	37.45 0.81 0.00	41.80 0.90 0.00	42.80 0.89 0.00	38.60 0.82 0.00	59.23 1.29 0.00	69.90 1.52 0.00	90.66 1.60 0.00	32.08 0.53 0.00	29.02 0.40 0.00	30.25 0.39 0.00	34.06 0.50 0.00	39.07 0.91 0.00	37.76 0.94 0.00	35.31 0.92 0.00	36.08 0.90 0.00	38.58 1.00 0.00	45.08 1.26 0.00	76.30 2.05 0.00	119.50 2.97 0.00	44.02 1.15 0.00	36.04 0.87 0.00	36.02 0.68 0.00
MAPLE_RIDGE_WT_1 323574	37.78 -0.47 0.00	35.60 -0.56 0.00	36.26 -0.38 0.00	40.66 -0.23 0.00	41.75 -0.16 0.00	37.73 -0.05 0.00	53.02 0.08 5.00	68.42 0.04 0.00	89.08 0.02 0.00	31.43 -0.12 0.00	28.45 -0.17 0.00	29.66 -0.20 0.00	33.10 -0.45 0.00	37.57 -0.59 0.00	36.25 -0.57 0.00	33.72 -0.66 0.00	34.51 -0.67 0.00	37.02 -0.56 0.00	43.13 -0.69 0.00	73.53 -0.72 0.00	115.58 -0.95 0.00	42.56 -0.31 0.00	34.89 -0.28 0.00	35.06 -0.28 0.00
MAPLE_RIDGE_WT_2 323611	37.78 -0.47 0.00	35.60 -0.56 0.00	36.26 -0.38 0.00	40.66 -0.23 0.00	41.75 -0.16 0.00	37.73 -0.05 0.00	53.02 0.08 5.00	68.42 0.04 0.00	89.08 0.02 0.00	31.43 -0.12 0.00	28.45 -0.17 0.00	29.66 -0.20 0.00	33.10 -0.45 0.00	37.57 -0.59 0.00	36.25 -0.57 0.00	33.72 -0.66 0.00	34.51 -0.67 0.00	37.02 -0.56 0.00	43.13 -0.69 0.00	73.53 -0.72 0.00	115.58 -0.95 0.00	42.56 -0.31 0.00	34.89 -0.28 0.00	35.06 -0.28 0.00
MARBLE_RIVER_WT_PWR 323696	38.14 -0.10 0.00	35.77 -0.39 0.00	36.44 -0.20 0.00	41.60 0.70 0.00	43.07 1.16 0.00	39.10 1.32 0.00	165.26 2.46 -104.86	70.13 1.75 0.00	92.16 3.10 0.00	32.29 0.75 0.00	28.82 0.21 0.00	29.92 0.06 0.00	33.36 -0.19 0.00	37.89 -0.27 0.00	36.51 -0.30 0.00	34.39 0.00 0.00	35.16 -0.02 0.00	37.71 0.13 0.00	43.95 0.13 0.00	74.17 -0.08 0.00	116.47 -0.06 0.00	42.82 -0.06 0.00	35.04 -0.13 0.00	35.40 0.07 0.00
MARSHVLE_115KV_TB1 80742	40.76 2.51 0.00	38.48 2.32 0.00	38.98 2.34 0.00	43.53 2.64 0.00	44.71 2.80 0.00	40.37 2.59 0.00	61.91 3.97 0.00	72.85 4.47 0.00	93.46 4.40 0.00	32.62 1.08 0.00	29.68 1.07 0.00	31.10 1.24 0.00	35.11 1.56 0.00	39.49 1.33 0.00	38.22 1.40 0.00	35.46 1.07 0.00	36.44 1.26 0.00	39.03 1.45 0.00	46.05 2.23 0.00	78.68 4.43 0.00	124.07 7.54 0.00	45.74 2.87 0.00	37.43 2.26 0.00	37.70 2.37 0.00
MARSH_HILL_WT_PWR 323713	38.32 0.08 0.00	36.29 0.13 0.00	36.64 0.00 0.00	40.80 -0.10 0.00	42.09 0.18 0.00	38.02 0.24 0.00	57.85 -0.08 0.00	68.02 -0.36 0.00	88.60 -0.46 0.00	30.62 -0.93 0.00	27.26 -1.36 0.00	28.05 -1.82 0.00	39.98 -2.16 -8.59	41.33 -3.00 -6.17	36.67 -3.31 -3.16	32.66 -3.33 -1.60	34.23 -3.22 -2.27	57.52 -3.46 -23.40	58.15 -4.06 -18.39	68.71 -5.55 -0.01	108.78 -7.75 0.00	40.31 -2.57 0.00	32.90 -2.27 0.00	33.19 -2.15 0.00
MCINTYRE_115KV_TB2 80467	39.21 0.96 0.00	36.75 0.59 0.00	37.24 0.60 0.00	41.86 0.96 0.00	43.03 1.12 0.00	38.96 1.18 0.00	262.69 2.35 -202.40	70.84 2.45 -0.01	92.32 3.25 0.00	32.31 0.76 0.00	28.99 0.37 0.00	30.13 0.26 0.00	33.80 0.25 0.00	38.30 0.14 0.00	36.96 0.14 0.00	34.69 0.30 0.00	35.62 0.44 0.00	38.23 0.65 0.00	44.57 0.75 0.00	76.24 1.99 0.00	120.14 3.61 0.00	44.04 1.16 0.00	36.04 0.87 0.00	36.25 0.92 0.00
MECO_____69_KV_BK1 80468	40.93 2.68 0.00	38.67 2.50 0.00	39.16 2.52 0.00	43.72 2.83 0.00	44.89 2.99 0.00	40.60 2.82 0.00	62.49 4.55 0.00	73.49 5.11 0.00	93.77 4.71 0.00	32.31 0.77 0.00	29.23 0.62 0.00	30.60 0.73 0.00	34.72 1.17 0.00	39.06 0.90 0.00	38.08 1.26 0.00	35.09 0.70 0.00	36.23 1.05 0.00	38.96 1.38 0.00	46.51 2.69 0.00	79.76 5.50 0.00	125.59 9.05 0.00	46.19 3.31 0.00	37.73 2.56 0.00	37.87 2.53 0.00
MENANDS___115KV_TB5 355628	38.79 0.55 0.00	36.75 0.59 0.00	37.20 0.56 0.00	41.51 0.61 0.00	42.50 0.59 0.00	38.30 0.52 0.00	58.73 0.79 0.00	69.33 0.95 0.00	89.99 0.93 0.00	31.93 0.38 0.00	28.90 0.28 0.00	30.15 0.28 0.00	33.92 0.37 0.00	38.95 0.79 0.00	37.62 0.79 0.00	35.14 0.75 0.00	35.91 0.73 0.00	38.40 0.82 0.00	44.77 0.95 0.00	75.71 1.45 0.00	118.50 1.97 0.00	43.68 0.80 0.00	35.77 0.60 0.00	35.75 0.41 0.00
MG INDUSTRY___DRP 24185	38.88 0.64 0.00	36.85 0.69 0.00	37.31 0.67 0.00	41.63 0.73 0.00	42.64 0.73 0.00	38.41 0.63 0.00	58.87 0.93 0.00	69.40 1.02 0.00	89.82 0.76 0.00	31.70 0.15 0.00	28.71 0.10 0.00	30.00 0.13 0.00	33.91 0.36 0.00	38.79 0.63 0.00	37.51 0.69 0.00	35.00 0.61 0.00	35.77 0.59 0.00	38.28 0.69 0.00	44.71 0.89 0.00	75.71 1.46 0.00	118.57 2.03 0.00	43.70 0.82 0.00	35.81 0.64 0.00	35.84 0.50 0.00

MID___OSWEGATCHIE_HYD 23849	37.76 -0.48 0.00	35.43 -0.73 0.00	35.95 -0.69 0.00	40.36 -0.54 0.00	41.62 -0.28 0.00	37.77 -0.01 0.00	184.47 0.36 -126.17	68.52 0.13 0.00	89.18 0.12 0.00	31.21 -0.33 0.00	27.96 -0.65 0.00	28.97 -0.89 0.00	32.46 -1.09 0.00	36.74 -1.41 0.00	35.51 -1.32 0.00	33.05 -1.34 0.00	34.14 -1.04 0.00	36.71 -0.87 0.00	42.94 -0.88 0.00	73.83 -0.42 0.00	116.33 -0.20 0.00	42.56 -0.31 0.00	34.84 -0.33 0.00	35.00 -0.33 0.00
MID___RAQUETTE_HYD 23851	37.90 -0.35 0.00	35.51 -0.65 0.00	36.02 -0.62 0.00	40.51 -0.39 0.00	41.65 -0.26 0.00	37.73 -0.05 0.00	243.69 0.35 -185.40	68.35 -0.03 -0.01	89.14 0.07 0.00	31.45 -0.10 0.00	28.28 -0.34 0.00	29.38 -0.49 0.00	32.88 -0.67 0.00	37.28 -0.87 0.00	35.94 -0.88 0.00	33.67 -0.72 0.00	34.56 -0.62 0.00	37.04 -0.54 0.00	43.17 -0.66 0.00	73.65 -0.60 0.00	116.00 -0.54 0.00	42.56 -0.31 0.00	34.83 -0.33 0.00	35.06 -0.28 0.00
MILLIKEN___1 23584	38.99 0.74 0.00	36.92 0.76 0.00	37.42 0.78 0.00	41.62 0.72 0.00	42.69 0.78 0.00	38.57 0.79 0.00	62.46 1.20 -3.32	69.81 1.43 0.00	90.72 1.66 0.00	32.01 0.46 0.00	29.02 0.41 0.00	30.18 0.32 0.00	34.52 0.34 -0.64	38.85 0.23 -0.46	37.14 0.09 -0.24	34.62 0.11 -0.12	35.51 0.16 -0.17	39.62 0.30 -1.75	45.79 0.59 -1.37	75.39 1.13 0.00	118.54 2.01 0.00	43.43 0.56 0.00	35.58 0.41 0.00	35.82 0.48 0.00
MILLIKEN___2 23585	38.99 0.74 0.00	36.92 0.76 0.00	37.42 0.78 0.00	41.62 0.72 0.00	42.69 0.78 0.00	38.57 0.79 0.00	62.46 1.20 -3.32	69.81 1.43 0.00	90.72 1.66 0.00	32.01 0.46 0.00	29.02 0.41 0.00	30.18 0.32 0.00	34.52 0.34 -0.64	38.85 0.23 -0.46	37.14 0.09 -0.24	34.62 0.11 -0.12	35.51 0.16 -0.17	39.62 0.30 -1.75	45.79 0.59 -1.37	75.39 1.13 0.00	118.54 2.01 0.00	43.43 0.56 0.00	35.58 0.41 0.00	35.82 0.48 0.00
MILLIKEN___DIESEL 23629	38.99 0.74 0.00	36.92 0.76 0.00	37.42 0.78 0.00	41.62 0.72 0.00	42.69 0.78 0.00	38.57 0.79 0.00	62.46 1.20 -3.32	69.81 1.43 0.00	90.72 1.66 0.00	32.01 0.46 0.00	29.02 0.41 0.00	30.18 0.32 0.00	34.52 0.34 -0.64	38.85 0.23 -0.46	37.14 0.09 -0.24	34.62 0.11 -0.12	35.51 0.16 -0.17	39.62 0.30 -1.75	45.79 0.59 -1.37	75.39 1.13 0.00	118.54 2.01 0.00	43.43 0.56 0.00	35.58 0.41 0.00	35.82 0.48 0.00
MILLSEAT___LFGE 323607	38.20 -0.04 0.00	36.06 -0.10 0.00	36.56 -0.09 0.00	40.34 -0.56 0.00	41.43 -0.48 0.00	37.59 -0.19 0.00	56.25 -1.69 0.00	65.92 -2.46 0.00	86.88 -2.19 0.00	30.70 -0.85 0.00	27.91 -0.70 0.00	29.06 -0.80 0.00	31.06 -0.79 1.70	35.80 -1.15 1.21	34.84 -1.37 0.62	32.68 -1.39 0.31	33.18 -1.55 0.44	30.87 -2.14 4.57	38.05 -2.18 3.59	70.83 -3.43 0.00	112.39 -4.14 0.00	40.96 -1.92 0.00	33.95 -1.22 0.00	34.48 -0.85 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	39.19 0.94 0.00	37.10 0.93 0.00	37.54 0.90 0.00	41.82 0.93 0.00	42.86 0.95 0.00	38.79 1.01 0.00	59.86 1.92 0.00	71.05 2.66 0.00	92.04 2.98 0.00	32.68 1.14 0.00	29.69 1.08 0.00	30.92 1.06 0.00	34.78 1.24 0.00	39.68 1.52 0.00	38.38 1.56 0.00	35.94 1.55 0.00	36.88 1.70 0.00	39.36 1.78 0.00	45.94 2.11 0.00	77.71 3.45 0.00	121.48 4.95 0.00	44.72 1.85 0.00	36.61 1.44 0.00	36.57 1.24 0.00
MILLWOOD_13_KV_LOAD 356217	39.24 0.99 0.00	37.15 0.99 0.00	37.58 0.94 0.00	41.87 0.97 0.00	42.92 1.01 0.00	38.84 1.06 0.00	59.95 2.01 0.00	71.15 2.76 0.00	92.19 3.13 0.00	32.73 1.19 0.00	29.73 1.12 0.00	30.96 1.09 0.00	34.83 1.27 0.00	39.72 1.57 0.00	38.44 1.62 0.00	35.98 1.59 0.00	36.93 1.75 0.00	39.42 1.84 0.00	46.01 2.19 0.00	77.84 3.59 0.00	121.67 5.15 0.00	44.80 1.92 0.00	36.66 1.49 0.00	36.63 1.29 0.00
MODEL_CITY_ENERGY 24167	37.12 -1.13 0.00	35.03 -1.14 0.00	35.50 -1.14 0.00	39.13 -1.77 0.00	40.15 -1.76 0.00	36.39 -1.39 0.00	54.01 -3.93 0.00	63.01 -5.37 0.00	83.19 -5.87 0.00	29.50 -2.04 0.00	26.97 -1.65 0.00	28.06 -1.80 0.00	29.61 -1.92 2.02	34.30 -2.42 1.44	33.52 -2.57 0.73	31.50 -2.51 0.37	31.83 -2.82 0.53	28.55 -3.60 5.44	35.57 -3.98 4.27	67.54 -6.71 0.00	107.33 -9.20 0.00	39.16 -3.71 0.00	32.64 -2.53 0.00	33.28 -2.06 0.00
MODERN_LFGE___ 323580	37.12 -1.13 0.00	35.03 -1.14 0.00	35.50 -1.14 0.00	39.13 -1.77 0.00	40.15 -1.76 0.00	36.39 -1.39 0.00	54.01 -3.93 0.00	63.01 -5.37 0.00	83.19 -5.87 0.00	29.50 -2.04 0.00	26.97 -1.65 0.00	28.06 -1.80 0.00	29.61 -1.92 2.02	34.30 -2.42 1.44	33.52 -2.57 0.73	31.50 -2.51 0.37	31.83 -2.82 0.53	28.55 -3.60 5.44	35.57 -3.98 4.27	67.54 -6.71 0.00	107.33 -9.20 0.00	39.16 -3.71 0.00	32.64 -2.53 0.00	33.28 -2.06 0.00
MOHAWK_PAPER___DRP 24187	39.07 0.82 0.00	37.00 0.84 0.00	37.45 0.81 0.00	41.80 0.90 0.00	42.80 0.89 0.00	38.60 0.82 0.00	59.23 1.29 0.00	69.90 1.52 0.00	90.66 1.60 0.00	32.08 0.53 0.00	29.02 0.40 0.00	30.25 0.39 0.00	34.06 0.50 0.00	39.07 0.91 0.00	37.76 0.94 0.00	35.31 0.92 0.00	36.08 0.90 0.00	38.58 1.00 0.00	45.08 1.26 0.00	76.30 2.05 0.00	119.50 2.97 0.00	44.02 1.15 0.00	36.04 0.87 0.00	36.02 0.68 0.00
MOHICAN___35_KV_115KV_LD 80490	39.38 1.14 0.00	37.27 1.11 0.00	37.78 1.14 0.00	42.26 1.37 0.00	43.28 1.37 0.00	39.19 1.40 0.00	60.54 2.60 0.00	71.18 2.80 0.00	92.27 3.21 0.00	32.19 0.64 0.00	29.04 0.43 0.00	30.39 0.52 0.00	34.11 0.56 0.00	38.91 0.76 0.00	37.66 0.84 0.00	35.42 1.03 0.00	36.29 1.11 0.00	39.05 1.48 0.00	45.71 1.89 0.00	77.69 3.43 0.00	121.57 5.04 0.00	44.62 1.75 0.00	36.45 1.28 0.00	36.46 1.12 0.00
MONGAUP___HYD 23641	39.50 1.25 0.00	37.37 1.22 0.00	37.82 1.18 0.00	42.15 1.25 0.00	43.21 1.30 0.00	39.09 1.30 0.00	59.87 1.94 0.00	70.09 1.71 0.00	90.73 1.67 0.00	32.35 0.81 0.00	29.26 0.64 0.00	30.44 0.57 0.00	34.43 0.88 0.00	39.20 1.04 0.00	38.04 1.22 0.00	35.37 0.98 0.00	36.45 1.27 0.00	38.96 1.39 0.00	45.55 1.73 0.00	77.08 2.83 0.00	120.81 4.28 0.00	44.82 1.95 0.00	36.88 1.71 0.00	36.85 1.51 0.00
MONTAUK___DIESEL 23721	40.42 2.17 0.00	38.03 1.87 0.00	38.50 1.86 0.00	43.23 2.33 0.00	44.38 2.47 0.00	40.31 2.52 0.00	62.59 4.65 0.00	73.39 5.01 0.00	94.39 5.33 0.00	33.72 2.17 0.00	30.73 2.12 0.00	31.48 1.62 0.00	35.34 1.79 0.00	40.22 2.06 0.00	39.20 2.27 -0.11	39.99 2.52 -3.08	38.71 2.77 -0.76	43.44 3.09 -2.77	47.82 2.74 -1.25	77.41 3.15 0.00	120.28 3.75 0.00	43.71 0.83 0.00	35.72 0.56 0.00	27.56 0.23 8.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	39.14 0.89 0.00	37.06 0.90 0.00	37.52 0.88 0.00	41.66 0.76 0.00	42.53 0.62 0.00	38.40 0.62 0.00	58.10 0.16 0.00	67.95 -0.43 0.00	89.44 0.38 0.00	31.23 -0.31 0.00	28.12 -0.49 0.00	29.03 -0.83 0.00	32.18 -0.76 0.61	36.77 -0.96 0.42	35.08 -1.48 0.26	32.66 -1.59 0.13	33.25 -1.74 0.19	33.76 -1.85 1.96	40.16 -2.13 1.54	71.47 -2.78 0.00	113.31 -3.22 0.00	41.61 -1.27 0.00	34.66 -0.51 0.00	35.16 -0.17 0.00

MORRIS RIDGE___SOLAR 323848	37.67 -0.58 0.00	35.67 -0.49 0.00	36.15 -0.49 0.00	40.18 -0.71 0.00	41.33 -0.58 0.00	37.37 -0.42 0.00	56.51 -1.43 0.00	66.24 -2.14 0.00	86.60 -2.47 0.00	30.11 -1.43 0.00	27.09 -1.53 0.00	27.93 -1.94 0.00	13.72 -2.19 17.64	22.82 -2.69 12.65	27.31 -3.04 6.47	28.14 -2.96 3.29	27.64 -2.88 4.65	-13.59 -3.20 47.97	2.47 -3.65 37.70	68.91 -5.33 0.01	109.04 -7.49 0.00	40.07 -2.80 0.00	32.92 -2.25 0.00	33.35 -1.98 0.00
MORTIMER_115KV_TB3 55949	37.95 -0.29 0.00	35.88 -0.28 0.00	36.36 -0.28 0.00	40.26 -0.64 0.00	41.32 -0.59 0.00	37.37 -0.41 0.00	56.50 -1.44 0.00	66.36 -2.02 0.00	87.10 -1.97 0.00	30.83 -0.72 0.00	28.07 -0.54 0.00	29.28 -0.58 0.00	32.86 -0.58 0.12	37.31 -0.84 0.00	35.82 -1.00 0.00	33.37 -1.02 0.00	34.01 -1.17 0.00	36.11 -1.47 0.00	42.26 -1.57 0.00	71.72 -2.54 0.00	113.41 -3.12 0.00	41.48 -1.39 0.00	34.24 -0.93 0.00	34.64 -0.70 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	39.47 1.22 0.00	37.34 1.18 0.00	37.77 1.13 0.00	42.07 1.17 0.00	43.10 1.20 0.00	39.04 1.26 0.00	60.31 2.37 0.00	71.69 3.31 0.00	92.87 3.81 0.00	33.01 1.47 0.00	30.04 1.43 0.00	31.26 1.39 0.00	35.14 1.59 0.00	40.08 1.92 0.00	38.77 1.95 0.00	36.29 1.90 0.00	37.26 2.08 0.00	39.74 2.16 0.00	46.37 2.55 0.00	78.37 4.12 0.00	122.45 5.92 0.00	45.09 2.22 0.00	36.92 1.75 0.00	36.87 1.53 0.00
MUNSVILLE_WIND_PWR 323609	41.19 2.95 0.00	39.05 2.89 0.00	39.70 3.06 0.00	44.20 3.31 0.00	45.59 3.68 0.00	41.35 3.57 0.00	63.91 5.97 0.00	75.33 6.96 0.00	97.60 8.54 0.00	33.87 2.33 0.00	30.49 1.88 0.00	31.63 1.77 0.00	36.19 2.17 -0.47	40.51 2.01 -0.34	38.39 1.40 -0.17	35.72 1.25 -0.09	36.29 0.99 -0.13	40.53 1.65 -1.30	46.76 1.92 -1.02	77.56 3.30 0.00	122.67 6.14 0.00	44.86 1.98 0.00	36.49 1.32 0.00	36.91 1.57 0.00
N SALMON___HYD 24042	38.61 0.36 0.00	36.16 0.00 0.00	36.79 0.14 0.00	41.56 0.66 0.00	42.79 0.88 0.00	38.75 0.97 0.00	189.73 1.93 -129.86	70.22 1.84 0.00	92.11 3.05 0.00	32.46 0.91 0.00	29.11 0.50 0.00	30.13 0.27 0.00	33.62 0.07 0.00	38.19 0.03 0.00	36.76 -0.07 0.00	34.58 0.19 0.00	35.40 0.22 0.00	38.00 0.42 0.00	44.35 0.53 0.00	75.16 0.90 0.00	118.22 1.69 0.00	43.39 0.51 0.00	35.44 0.28 0.00	35.76 0.43 0.00
N.AKRON__115KV_KNAPP 355671	38.13 -0.12 0.00	36.01 -0.15 0.00	36.50 -0.14 0.00	40.29 -0.61 0.00	41.37 -0.54 0.00	37.54 -0.24 0.00	56.12 -1.81 0.00	65.74 -2.64 0.00	86.69 -2.37 0.00	30.61 -0.94 0.00	27.86 -0.75 0.00	29.02 -0.85 0.00	30.88 -0.84 1.83	35.65 -1.21 1.30	34.70 -1.45 0.66	32.59 -1.46 0.34	33.06 -1.64 0.48	30.38 -2.29 4.91	37.58 -2.38 3.86	70.57 -3.68 0.00	112.00 -4.53 0.00	40.82 -2.06 0.00	33.88 -1.29 0.00	34.41 -0.93 0.00
N.BELMOR_69_KV_BK1 55787	39.81 1.56 0.00	37.49 1.33 0.00	37.93 1.29 0.00	42.31 1.42 0.00	43.34 1.43 0.00	39.23 1.45 0.00	60.78 2.84 0.00	71.91 3.53 0.00	92.70 3.64 0.00	33.16 1.61 0.00	30.18 1.57 0.00	31.38 1.52 0.00	35.24 1.68 -0.01	40.12 1.96 0.00	39.50 2.05 -0.63	55.01 2.30 -18.32	42.08 2.41 -4.50	56.68 2.63 -16.47	54.26 3.02 -7.42	79.04 4.79 0.00	123.50 6.97 0.00	45.24 2.37 0.00	36.97 1.80 0.00	37.94 1.66 -0.94
N.E_GEN_SANDY PD 24062	38.87 0.76 0.13	36.93 0.77 0.00	37.40 0.76 0.00	41.73 0.83 0.00	42.72 0.82 0.00	38.29 0.82 0.30	59.42 1.42 -0.07	70.13 1.75 0.00	64.35 2.03 26.74	32.23 0.69 0.00	28.71 0.59 0.49	31.18 0.67 -0.64	34.31 0.76 0.00	39.23 1.07 0.00	37.87 1.05 0.00	35.48 1.09 0.00	36.32 1.15 0.00	38.99 1.27 -0.14	45.27 1.45 0.00	76.58 2.33 0.00	118.83 3.20 0.91	44.40 1.26 -0.27	36.11 0.94 0.00	36.12 0.78 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	39.09 0.85 0.00	37.01 0.85 0.00	37.46 0.83 0.00	41.74 0.84 0.00	42.79 0.88 0.00	38.74 0.96 0.00	59.76 1.83 0.00	70.90 2.52 0.00	91.86 2.80 0.00	32.61 1.06 0.00	29.59 0.98 0.00	30.81 0.94 0.00	34.68 1.13 0.00	39.57 1.42 0.00	38.27 1.45 0.00	35.83 1.44 0.00	36.76 1.58 0.00	39.26 1.68 0.00	45.83 2.01 0.00	77.54 3.29 0.00	121.27 4.74 0.00	44.65 1.78 0.00	36.54 1.37 0.00	36.51 1.17 0.00
N.QUEENS_27_KV_LOAD 356247	39.38 1.13 0.00	37.31 1.15 0.00	37.72 1.08 0.00	41.99 1.09 0.00	43.03 1.12 0.00	38.98 1.20 0.00	60.27 2.33 0.00	71.69 3.31 0.00	92.88 3.81 -0.01	33.07 1.53 0.01	30.12 1.51 0.00	31.34 1.48 0.00	35.23 1.68 -0.01	40.13 1.97 0.01	38.82 2.00 0.00	36.33 1.94 0.00	37.34 2.16 0.00	39.81 2.23 0.01	46.42 2.61 0.01	78.31 4.05 0.00	122.39 5.86 0.00	45.18 2.30 0.00	37.06 1.89 0.00	36.95 1.61 0.00
N.TROY___115KV_TB1 355778	39.02 0.77 0.00	36.95 0.79 0.00	37.43 0.79 0.00	41.78 0.89 0.00	42.79 0.88 0.00	38.63 0.84 0.00	59.31 1.37 0.00	69.94 1.56 0.00	90.83 1.77 0.00	32.04 0.50 0.00	28.97 0.36 0.00	30.30 0.44 0.00	34.05 0.50 0.00	38.95 0.79 0.00	37.64 0.83 0.00	35.26 0.87 0.00	36.06 0.88 0.00	38.62 1.04 0.00	45.07 1.25 0.00	76.34 2.09 0.00	119.42 2.89 0.00	43.99 1.12 0.00	35.99 0.82 0.00	36.02 0.68 0.00
NARROWS_GT1_1 24228	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.71 2.35 -18.21	64.62 2.35 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.55 2.16 -25.21	57.54 1.95 -20.26
NARROWS_GT1_2 24229	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.71 2.35 -18.21	64.62 2.35 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.55 2.16 -25.21	57.54 1.95 -20.26
NARROWS_GT1_3 24230	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.71 2.35 -18.21	64.62 2.35 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.55 2.16 -25.21	57.54 1.95 -20.26
NARROWS_GT1_4 24231	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.71 2.35 -18.21	64.62 2.35 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.55 2.16 -25.21	57.54 1.95 -20.26

NARROWS_GT1_5 24232	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.71 2.35 -18.21	64.62 2.35 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.55 2.16 -25.21	57.54 1.95 -20.26
NARROWS_GT1_6 24233	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.71 2.35 -18.21	64.62 2.35 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.55 2.16 -25.21	57.54 1.95 -20.26
NARROWS_GT1_7 24234	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.71 2.35 -18.21	64.62 2.35 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.55 2.16 -25.21	57.54 1.95 -20.26
NARROWS_GT1_8 24235	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.71 2.35 -18.21	64.62 2.35 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.55 2.16 -25.21	57.54 1.95 -20.26
NARROWS_GT2_1 24236	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.71 2.35 -18.21	64.62 2.35 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.55 2.16 -25.21	57.54 1.95 -20.26
NARROWS_GT2_2 24237	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.71 2.35 -18.21	64.62 2.35 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.55 2.16 -25.21	57.54 1.95 -20.26
NARROWS_GT2_3 24238	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.71 2.35 -18.21	64.62 2.35 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.55 2.16 -25.21	57.54 1.95 -20.26
NARROWS_GT2_4 24239	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.71 2.35 -18.21	64.62 2.35 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.55 2.16 -25.21	57.54 1.95 -20.26
NARROWS_GT2_5 24240	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.71 2.35 -18.21	64.62 2.35 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.55 2.16 -25.21	57.54 1.95 -20.26
NARROWS_GT2_6 24241	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.71 2.35 -18.21	64.62 2.35 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.55 2.16 -25.21	57.54 1.95 -20.26
NARROWS_GT2_7 24242	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.71 2.35 -18.21	64.62 2.35 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.55 2.16 -25.21	57.54 1.95 -20.26
NARROWS_GT2_8 24243	57.35 1.62 -17.49	56.00 1.57 -18.26	55.44 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.11 1.67 -16.66	62.54 2.95 -1.65	79.48 4.12 -6.98	109.86 4.87 -15.92	82.85 1.80 -49.51	81.23 1.73 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.71 2.35 -18.21	64.62 2.35 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.79 2.53 -20.67	59.03 3.02 -12.19	89.36 4.87 -10.24	135.04 7.09 -11.42	98.38 2.72 -52.78	62.55 2.16 -25.21	57.54 1.95 -20.26
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	39.58 1.33 0.00	37.49 1.33 0.00	37.94 1.30 0.00	42.35 1.45 0.00	43.40 1.49 0.00	39.16 1.37 0.00	60.19 2.25 0.00	71.05 2.67 0.00	91.88 2.82 0.00	32.20 0.66 0.00	28.99 0.38 0.00	30.25 0.39 0.00	34.18 0.63 0.00	39.37 1.22 0.00	38.05 1.23 0.00	35.48 1.09 0.00	36.28 1.10 0.00	39.06 1.48 0.00	45.62 1.80 0.00	77.52 3.26 0.00	121.39 4.86 0.00	44.66 1.79 0.00	36.54 1.37 0.00	36.49 1.15 0.00
NCHELSEA_115KV_TR2 355582	39.65 1.40 0.00	37.52 1.36 0.00	37.96 1.32 0.00	42.31 1.42 0.00	43.34 1.43 0.00	39.22 1.44 0.00	60.58 2.64 0.00	71.89 3.51 0.00	93.18 4.12 0.00	32.99 1.44 0.00	29.91 1.29 0.00	31.14 1.27 0.00	35.08 1.53 0.00	40.07 1.91 0.00	38.75 1.93 0.00	36.26 1.88 0.00	37.22 2.04 0.00	39.81 2.23 0.00	46.50 2.68 0.00	78.72 4.47 0.00	123.11 6.58 0.00	45.30 2.42 0.00	37.05 1.88 0.00	36.99 1.66 0.00
NEG CAPITAL___MECHNVIL 23645	39.55 1.30 0.00	37.44 1.28 0.00	37.94 1.30 0.00	42.37 1.48 0.00	43.39 1.48 0.00	39.22 1.44 0.00	60.40 2.46 0.00	71.14 2.76 0.00	92.26 3.19 0.00	32.37 0.82 0.00	29.27 0.66 0.00	30.62 0.75 0.00	34.44 0.89 0.00	39.32 1.16 0.00	38.02 1.20 0.00	35.63 1.24 0.00	36.49 1.31 0.00	39.11 1.53 0.00	45.76 1.94 0.00	77.69 3.43 0.00	121.58 5.05 0.00	44.69 1.81 0.00	36.55 1.38 0.00	36.57 1.23 0.00



NEG CENTRAL_HIGH_ACRES 23767	37.42 -0.82 0.00	35.38 -0.78 0.00	35.85 -0.80 0.00	39.80 -1.09 0.00	40.84 -1.07 0.00	36.92 -0.86 0.00	56.07 -1.87 0.00	66.01 -2.37 0.00	86.38 -2.68 0.00	30.58 -0.97 0.00	27.80 -0.81 0.00	28.98 -0.88 0.00	32.62 -0.94 0.00	36.91 -1.24 0.00	35.49 -1.32 0.00	33.06 -1.33 0.00	33.73 -1.44 0.00	35.92 -1.66 0.00	42.03 -1.79 0.00	71.27 -2.98 0.00	112.47 -4.06 0.00	41.12 -1.76 0.00	33.88 -1.29 0.00	34.23 -1.10 0.00
NEG CENTRAL___DRP 24199	38.45 0.20 0.00	36.41 0.25 0.00	36.90 0.25 0.00	41.02 0.12 0.00	42.07 0.16 0.00	38.00 0.22 0.00	61.61 0.12 -3.55	68.37 -0.01 0.00	89.00 -0.06 0.00	31.52 -0.02 0.00	28.54 -0.08 0.00	29.72 -0.14 0.00	34.15 -0.20 -0.80	38.33 -0.40 -0.58	36.60 -0.52 -0.29	34.01 -0.53 -0.15	34.95 -0.44 -0.21	39.27 -0.49 -2.19	45.10 -0.43 -1.72	73.70 -0.55 0.00	115.90 -0.63 0.00	42.53 -0.34 0.00	34.90 -0.27 0.00	35.17 -0.17 0.00
NEG CENTRAL___INDECK 23768	39.19 0.94 0.00	37.03 0.86 0.00	37.49 0.85 0.00	41.62 0.72 0.00	42.81 0.90 0.00	38.78 1.00 0.00	58.98 1.04 0.00	69.37 0.99 0.00	90.72 1.66 0.00	31.78 0.24 0.00	28.66 0.05 0.00	29.61 -0.25 0.00	41.73 -0.43 -8.62	43.35 -1.00 -6.20	37.83 -2.16 -3.17	33.71 -2.29 -1.61	35.38 -2.08 -2.28	58.59 -2.50 -23.50	59.81 -2.48 -18.47	71.01 -3.25 -0.01	112.51 -4.02 0.00	42.10 -0.78 0.00	34.90 -0.27 0.00	35.23 -0.11 0.00
NEG CENTRAL___SENECA 23627	38.56 0.32 0.00	36.51 0.35 0.00	36.99 0.35 0.00	41.16 0.26 0.00	42.23 0.32 0.00	38.17 0.39 0.00	58.22 0.28 0.00	68.52 0.15 0.00	89.27 0.21 0.00	31.55 0.00 0.00	28.52 -0.09 0.00	29.72 -0.15 0.00	34.62 -0.21 -1.27	38.65 -0.42 -0.92	36.67 -0.62 -0.47	33.97 -0.66 -0.24	34.99 -0.52 -0.34	40.47 -0.58 -3.47	46.00 -0.55 -2.73	73.61 -0.64 0.00	115.81 -0.72 0.00	42.51 -0.37 0.00	34.88 -0.29 0.00	35.14 -0.19 0.00
NEG CENTRAL___STATE_STREET 24147	38.63 0.38 0.00	36.59 0.43 0.00	37.08 0.44 0.00	41.11 0.21 0.00	42.14 0.23 0.00	38.12 0.34 0.00	62.14 0.38 -3.82	68.82 0.44 0.00	89.32 0.26 0.00	31.67 0.12 0.00	28.75 0.14 0.00	29.90 0.03 0.00	33.52 -0.03 0.00	38.02 -0.14 0.00	36.58 -0.23 0.00	34.26 -0.13 0.00	35.13 -0.05 0.00	37.44 -0.13 0.00	43.92 0.10 0.00	74.28 0.02 0.00	116.98 0.45 0.00	42.83 -0.05 0.00	35.14 -0.03 0.00	35.48 0.14 0.00
NEG MILLWOOD___DRP 24198	39.62 1.37 0.00	37.49 1.33 0.00	37.94 1.30 0.00	42.28 1.38 0.00	43.33 1.42 0.00	39.23 1.45 0.00	60.63 2.69 0.00	71.99 3.61 0.00	93.28 4.22 0.00	33.06 1.52 0.00	30.00 1.38 0.00	31.22 1.36 0.00	35.12 1.57 0.00	40.10 1.95 0.00	38.79 1.97 0.00	36.32 1.93 0.00	37.27 2.09 0.00	39.83 2.25 0.00	46.54 2.72 0.00	78.77 4.52 0.00	123.14 6.62 0.00	45.31 2.43 0.00	37.05 1.88 0.00	37.00 1.66 0.00
NEG NORTH_FLCN_SEA 23793	38.38 0.14 0.00	36.00 -0.16 0.00	36.64 0.00 0.00	41.65 0.75 0.00	43.04 1.13 0.00	39.06 1.28 0.00	165.22 2.40 -104.88	70.00 1.61 0.00	92.15 3.08 0.00	32.38 0.83 0.00	28.97 0.36 0.00	30.11 0.25 0.00	33.52 -0.03 0.00	38.11 -0.05 0.00	36.76 -0.06 0.00	34.63 0.24 0.00	35.42 0.25 0.00	38.01 0.43 0.00	44.24 0.42 0.00	74.37 0.11 0.00	116.56 0.03 0.00	43.03 0.15 0.00	35.38 0.21 0.00	35.81 0.48 0.00
NEG NORTH_KES_CHATEGAY 23792	38.34 0.10 0.00	35.93 -0.23 0.00	36.58 -0.06 0.00	41.40 0.50 0.00	42.64 0.73 0.00	38.62 0.84 0.00	170.66 1.63 -111.09	69.76 1.38 0.00	91.36 2.30 0.00	32.15 0.61 0.00	28.81 0.20 0.00	29.91 0.05 0.00	33.35 -0.20 0.00	37.87 -0.28 0.00	36.49 -0.33 0.00	34.39 0.00 0.00	35.17 -0.01 0.00	37.74 0.16 0.00	44.04 0.22 0.00	74.40 0.14 0.00	116.95 0.42 0.00	42.95 0.07 0.00	35.12 -0.05 0.00	35.50 0.16 0.00
NEG NORTH___ALICE_FALLS 23915	38.65 0.40 0.00	36.23 0.06 0.00	36.87 0.23 0.00	41.86 0.97 0.00	43.27 1.36 0.00	39.22 1.44 0.00	166.47 2.66 -105.86	70.57 2.19 0.00	92.76 3.70 0.00	32.56 1.02 0.00	29.12 0.51 0.00	30.23 0.37 0.00	33.67 0.12 0.00	38.29 0.13 0.00	36.95 0.13 0.00	34.81 0.42 0.00	35.59 0.41 0.00	38.20 0.62 0.00	44.52 0.70 0.00	75.08 0.82 0.00	117.80 1.27 0.00	43.37 0.49 0.00	35.54 0.37 0.00	35.94 0.61 0.00
NEG NORTH___LWR_SARANAC 23913	38.65 0.40 0.00	36.23 0.06 0.00	36.87 0.23 0.00	41.86 0.97 0.00	43.27 1.36 0.00	39.22 1.44 0.00	166.47 2.66 -105.86	70.57 2.19 0.00	92.76 3.70 0.00	32.56 1.02 0.00	29.12 0.51 0.00	30.23 0.37 0.00	33.67 0.12 0.00	38.29 0.13 0.00	36.95 0.13 0.00	34.81 0.42 0.00	35.59 0.41 0.00	38.20 0.62 0.00	44.52 0.70 0.00	75.08 0.82 0.00	117.80 1.27 0.00	43.37 0.49 0.00	35.54 0.37 0.00	35.94 0.61 0.00
NEG NORTH___PLATTSBURG 23628	38.64 0.40 0.00	36.23 0.06 0.00	36.87 0.23 0.00	41.86 0.97 0.00	43.26 1.36 0.00	39.22 1.44 0.00	166.47 2.67 -105.86	70.57 2.18 0.00	92.76 3.70 0.00	32.56 1.02 0.00	29.12 0.51 0.00	30.23 0.37 0.00	33.67 0.12 0.00	38.29 0.13 0.00	36.95 0.13 0.00	34.81 0.42 0.00	35.59 0.41 0.00	38.20 0.62 0.00	44.52 0.70 0.00	75.08 0.82 0.00	117.80 1.27 0.00	43.37 0.49 0.00	35.54 0.37 0.00	35.94 0.61 0.00
NEG WEST_LEA_LOCKPORT 23791	37.37 -0.88 0.00	35.29 -0.87 0.00	35.76 -0.88 0.00	39.45 -1.45 0.00	40.48 -1.42 0.00	36.69 -1.09 0.00	54.64 -3.30 0.00	63.80 -4.58 0.00	84.27 -4.79 0.00	29.81 -1.74 0.00	27.22 -1.39 0.00	28.32 -1.54 0.00	29.38 -1.65 2.52	34.25 -2.11 1.79	33.58 -2.32 0.92	31.62 -2.30 0.47	31.97 -2.55 0.66	27.49 -3.29 6.80	34.85 -3.63 5.34	68.33 -5.92 0.00	108.53 -8.00 0.00	39.61 -3.27 0.00	32.96 -2.21 0.00	33.56 -1.78 0.00
NEG WEST___LANCASTER 23811	38.17 -0.08 0.00	36.10 -0.06 0.00	36.57 -0.07 0.00	40.43 -0.47 0.00	41.46 -0.45 0.00	37.52 -0.26 0.00	56.34 -1.60 0.00	65.95 -2.43 0.00	86.99 -2.08 0.00	30.58 -0.96 0.00	27.89 -0.72 0.00	29.12 -0.74 0.00	31.59 -0.81 1.15	36.24 -1.11 0.81	35.00 -1.41 0.41	32.77 -1.41 0.21	33.27 -1.61 0.30	32.30 -2.21 3.07	38.94 -2.48 2.41	70.64 -3.61 0.00	111.47 -5.05 0.00	40.55 -2.33 0.00	33.60 -1.57 0.00	34.12 -1.21 0.00
NEG_PENN_ALLEGHNY 23528	38.39 0.15 0.00	36.39 0.22 0.00	36.86 0.22 0.00	41.05 0.15 0.00	42.07 0.16 0.00	37.93 0.14 0.00	58.07 0.12 0.00	68.47 0.09 0.00	89.23 0.16 0.00	31.51 -0.04 0.00	28.62 0.00 0.00	29.88 0.01 0.00	33.66 0.11 0.00	38.16 0.00 0.00	36.68 -0.14 0.00	34.20 -0.19 0.00	35.00 -0.18 0.00	37.40 -0.18 0.00	43.64 -0.19 0.00	74.14 -0.11 0.00	116.42 -0.11 0.00	42.71 -0.17 0.00	35.02 -0.15 0.00	35.24 -0.10 0.00
NEG___GEN_MONROE 24207	38.27 0.02 0.00	36.27 0.11 0.00	36.73 0.09 0.00	40.60 -0.29 0.00	41.70 -0.20 0.00	37.78 -0.01 0.00	57.06 -0.88 0.00	66.86 -1.52 0.00	87.79 -1.27 0.00	31.03 -0.52 0.00	28.19 -0.42 0.00	29.38 -0.49 0.00	32.65 -0.47 0.44	37.14 -0.72 0.30	35.75 -0.92 0.15	33.44 -0.87 0.08	34.07 -1.00 0.11	35.09 -1.35 1.13	41.56 -1.37 0.89	72.18 -2.08 0.00	114.25 -2.28 0.00	41.74 -1.13 0.00	34.46 -0.71 0.00	34.86 -0.47 0.00

NEPA___ENERGY 23901	38.18 -0.07 0.00	36.16 0.00 0.00	36.66 0.02 0.00	40.65 -0.25 0.00	41.58 -0.33 0.00	37.54 -0.24 0.00	56.84 -1.10 0.00	66.49 -1.89 0.00	87.27 -1.79 0.00	30.59 -0.96 0.00	27.78 -0.84 0.00	28.94 -0.93 0.00	31.69 -0.73 1.13	36.33 -1.03 0.79	35.00 -1.41 0.40	32.73 -1.46 0.20	33.27 -1.62 0.29	32.76 -1.85 2.97	39.36 -2.12 2.34	71.32 -2.93 0.00	112.52 -4.01 0.00	41.18 -1.70 0.00	34.08 -1.09 0.00	34.57 -0.76 0.00
NEVERSink___HYD 23608	39.58 1.33 0.00	37.79 1.63 0.00	38.30 1.66 0.00	42.70 1.80 0.00	43.78 1.87 0.00	39.65 1.87 0.00	61.16 3.22 0.00	72.48 4.10 0.00	93.91 4.85 0.00	33.16 1.61 0.00	29.99 1.38 0.00	31.19 1.33 0.00	35.34 1.79 0.00	40.36 2.21 0.00	38.95 2.13 0.00	36.41 2.02 0.00	37.38 2.20 0.00	40.03 2.45 0.00	46.79 2.97 0.00	79.27 5.02 0.00	123.99 7.46 0.00	45.59 2.72 0.00	37.30 2.13 0.00	37.29 1.95 0.00
NEWKRMKL_115KV_TB1 55635	38.62 0.38 0.00	36.60 0.44 0.00	37.04 0.39 0.00	41.32 0.42 0.00	42.30 0.39 0.00	38.11 0.33 0.00	58.47 0.53 0.00	69.04 0.66 0.00	89.58 0.52 0.00	31.79 0.24 0.00	28.77 0.16 0.00	30.03 0.17 0.00	33.77 0.22 0.00	38.81 0.65 0.00	37.44 0.62 0.00	34.96 0.57 0.00	35.76 0.59 0.00	38.25 0.67 0.00	44.58 0.76 0.00	75.40 1.15 0.00	118.00 1.47 0.00	43.48 0.61 0.00	35.63 0.47 0.00	35.61 0.27 0.00
NEWTON___FALLS_HYD 23847	37.76 -0.48 0.00	35.43 -0.73 0.00	35.95 -0.69 0.00	40.36 -0.54 0.00	41.62 -0.28 0.00	37.77 -0.01 0.00	184.47 0.36 -126.17	68.52 0.13 0.00	89.18 0.12 0.00	31.21 -0.33 0.00	27.96 -0.65 0.00	28.97 -0.89 0.00	32.46 -1.09 0.00	36.74 -1.41 0.00	35.51 -1.32 0.00	33.05 -1.34 0.00	34.14 -1.04 0.00	36.71 -0.87 0.00	42.94 -0.88 0.00	73.83 -0.42 0.00	116.33 -0.20 0.00	42.56 -0.31 0.00	34.84 -0.33 0.00	35.00 -0.33 0.00
NGRID_A1_DSASP 323792	36.84 -1.41 0.00	34.78 -1.39 0.00	35.24 -1.40 0.00	38.83 -2.07 0.00	39.84 -2.07 0.00	36.09 -1.69 0.00	53.73 -4.21 0.00	62.70 -5.68 0.00	82.77 -6.30 0.00	29.39 -2.16 0.00	26.89 -1.73 0.00	27.99 -1.87 0.00	29.54 -2.00 2.01	34.24 -2.49 1.42	33.44 -2.66 0.73	31.43 -2.60 0.37	31.74 -2.92 0.52	28.55 -3.63 5.40	35.50 -4.09 4.24	67.27 -6.98 0.00	106.83 -9.70 0.00	39.00 -3.88 0.00	32.47 -2.70 0.00	33.11 -2.23 0.00
NGRID_A2_DSASP 323793	36.84 -1.41 0.00	34.78 -1.39 0.00	35.24 -1.40 0.00	38.83 -2.07 0.00	39.84 -2.07 0.00	36.09 -1.69 0.00	53.73 -4.21 0.00	62.70 -5.68 0.00	82.77 -6.30 0.00	29.39 -2.16 0.00	26.89 -1.73 0.00	27.99 -1.87 0.00	29.54 -2.00 2.01	34.24 -2.49 1.42	33.44 -2.66 0.73	31.43 -2.60 0.37	31.74 -2.92 0.52	28.55 -3.63 5.40	35.50 -4.09 4.24	67.27 -6.98 0.00	106.83 -9.70 0.00	39.00 -3.88 0.00	32.47 -2.70 0.00	33.11 -2.23 0.00
NGRID_A4_DSASP 323807	36.84 -1.41 0.00	34.78 -1.39 0.00	35.24 -1.40 0.00	38.83 -2.07 0.00	39.84 -2.07 0.00	36.09 -1.69 0.00	53.73 -4.21 0.00	62.70 -5.68 0.00	82.77 -6.30 0.00	29.39 -2.16 0.00	26.89 -1.73 0.00	27.99 -1.87 0.00	29.54 -2.00 2.01	34.24 -2.49 1.42	33.44 -2.66 0.73	31.43 -2.60 0.37	31.74 -2.92 0.52	28.55 -3.63 5.40	35.50 -4.09 4.24	67.27 -6.98 0.00	106.83 -9.70 0.00	39.00 -3.88 0.00	32.47 -2.70 0.00	33.11 -2.23 0.00
NIAGARA_115E_LBMP 323715	36.95 -1.29 0.00	34.86 -1.30 0.00	35.33 -1.31 0.00	38.94 -1.96 0.00	39.94 -1.97 0.00	36.21 -1.57 0.00	53.66 -4.28 0.00	62.56 -5.83 0.00	82.58 -6.48 0.00	29.31 -2.23 0.00	26.80 -1.82 0.00	27.89 -1.98 0.00	29.45 -2.12 1.98	34.12 -2.64 1.41	33.33 -2.77 0.72	31.34 -2.69 0.36	31.64 -3.02 0.52	28.43 -3.83 5.32	35.35 -4.29 4.18	67.02 -7.23 0.00	106.50 -10.03 0.00	38.87 -4.00 0.00	32.43 -2.74 0.00	33.08 -2.26 0.00
NIAGARA_115W_LBMP 323714	36.73 -1.51 0.00	34.68 -1.48 0.00	35.14 -1.50 0.00	38.72 -2.18 0.00	39.73 -2.18 0.00	35.99 -1.80 0.00	53.57 -4.37 0.00	62.52 -5.86 0.00	82.55 -6.51 0.00	29.31 -2.24 0.00	26.82 -1.80 0.00	27.92 -1.95 0.00	29.43 -2.10 2.02	34.13 -2.59 1.43	33.34 -2.75 0.73	31.33 -2.69 0.37	31.65 -3.01 0.53	28.42 -3.73 5.42	35.36 -4.20 4.26	67.07 -7.18 0.00	106.50 -10.03 0.00	38.88 -3.99 0.00	32.38 -2.78 0.00	33.03 -2.31 0.00
NIAGARA_230_LBMP 323716	37.07 -1.18 0.00	35.01 -1.15 0.00	35.47 -1.17 0.00	39.13 -1.77 0.00	40.13 -1.78 0.00	36.34 -1.44 0.00	54.16 -3.78 0.00	63.26 -5.12 0.00	83.49 -5.57 0.00	29.60 -1.94 0.00	27.06 -1.55 0.00	28.18 -1.68 0.00	29.69 -1.78 2.08	34.43 -2.25 1.47	33.65 -2.42 0.75	31.61 -2.40 0.38	31.94 -2.70 0.54	28.67 -3.32 5.58	35.71 -3.73 4.38	67.88 -6.37 0.00	107.78 -8.76 0.00	39.31 -3.57 0.00	32.71 -2.46 0.00	33.35 -1.99 0.00
NIAGARA___115KV_198_GIBSON 55903	36.71 -1.54 0.00	34.68 -1.48 0.00	35.14 -1.51 0.00	38.72 -2.18 0.00	39.73 -2.18 0.00	35.98 -1.80 0.00	53.58 -4.36 0.00	62.52 -5.86 0.00	82.60 -6.46 0.00	29.30 -2.25 0.00	26.81 -1.80 0.00	27.91 -1.95 0.00	29.43 -2.10 2.02	34.11 -2.61 1.43	33.31 -2.78 0.73	31.33 -2.69 0.37	31.64 -3.01 0.53	28.36 -3.79 5.42	35.29 -4.27 4.26	67.07 -7.18 0.00	106.51 -10.02 0.00	38.89 -3.99 0.00	32.40 -2.77 0.00	33.02 -2.31 0.00
NIAGARA___ 23760	37.07 -1.18 0.00	35.01 -1.15 0.00	35.47 -1.17 0.00	39.13 -1.77 0.00	40.13 -1.78 0.00	36.34 -1.44 0.00	54.16 -3.78 0.00	63.26 -5.12 0.00	83.49 -5.57 0.00	29.60 -1.94 0.00	27.06 -1.55 0.00	28.18 -1.68 0.00	29.74 -1.78 2.03	34.47 -2.25 1.44	33.67 -2.42 0.73	31.62 -2.40 0.37	31.95 -2.70 0.53	28.79 -3.32 5.47	35.79 -3.73 4.30	67.88 -6.37 0.00	107.78 -8.76 0.00	39.31 -3.57 0.00	32.71 -2.46 0.00	33.35 -1.99 0.00
NINE_MILE_1 23575	37.28 -0.97 0.00	35.26 -0.90 0.00	35.75 -0.89 0.00	39.81 -1.08 0.00	40.77 -1.14 0.00	36.67 -1.11 0.00	56.01 -1.93 0.00	66.07 -2.31 0.00	86.08 -2.99 0.00	30.59 -0.96 0.00	27.79 -0.82 0.00	29.01 -0.86 0.00	32.59 -0.96 0.00	36.99 -1.16 0.00	35.70 -1.12 0.00	33.33 -1.06 0.00	34.06 -1.12 0.00	36.36 -1.22 0.00	42.44 -1.39 0.00	71.93 -2.32 0.00	112.97 -3.56 0.00	41.53 -1.35 0.00	34.12 -1.04 0.00	34.37 -0.96 0.00
NINE_MILE_2 23744	37.28 -0.97 0.00	35.26 -0.90 0.00	35.75 -0.89 0.00	39.81 -1.08 0.00	40.77 -1.14 0.00	36.67 -1.11 0.00	56.01 -1.93 0.00	66.07 -2.31 0.00	86.08 -2.99 0.00	30.59 -0.96 0.00	27.79 -0.82 0.00	29.01 -0.86 0.00	32.59 -0.96 0.00	36.99 -1.16 0.00	35.70 -1.12 0.00	33.33 -1.06 0.00	34.06 -1.12 0.00	36.36 -1.22 0.00	42.44 -1.39 0.00	71.93 -2.32 0.00	112.97 -3.56 0.00	41.53 -1.35 0.00	34.12 -1.04 0.00	34.37 -0.96 0.00
NM_CAPITAL___DRP 24208	38.70 0.45 0.00	36.66 0.50 0.00	37.11 0.47 0.00	41.40 0.50 0.00	42.39 0.48 0.00	38.20 0.42 0.00	58.57 0.63 0.00	69.14 0.76 0.00	89.76 0.70 0.00	31.87 0.33 0.00	28.85 0.24 0.00	30.10 0.24 0.00	33.85 0.30 0.00	38.90 0.74 0.00	37.55 0.73 0.00	35.07 0.68 0.00	35.82 0.64 0.00	38.30 0.72 0.00	44.66 0.84 0.00	75.50 1.25 0.00	118.17 1.64 0.00	43.56 0.69 0.00	35.68 0.51 0.00	35.67 0.33 0.00

NM_CENTRAL___DRP 24181	38.06 -0.19 0.00	36.02 -0.14 0.00	36.50 -0.15 0.00	40.63 -0.27 0.00	41.62 -0.28 0.00	37.50 -0.29 0.00	62.90 -0.61 -5.57	67.63 -0.75 0.00	88.11 -0.95 0.00	31.27 -0.28 0.00	28.41 -0.20 0.00	29.62 -0.24 0.00	33.30 -0.25 0.00	37.80 -0.36 0.00	36.47 -0.35 0.00	34.03 -0.36 0.00	34.78 -0.40 0.00	37.16 -0.42 0.00	43.37 -0.45 0.00	73.58 -0.67 0.00	115.58 -0.96 0.00	42.43 -0.45 0.00	34.84 -0.33 0.00	35.06 -0.27 0.00
NM_FRONTIER___DRP 24179	36.71 -1.54 0.00	34.68 -1.48 0.00	35.14 -1.51 0.00	38.72 -2.18 0.00	39.73 -2.18 0.00	35.98 -1.80 0.00	53.58 -4.36 0.00	62.52 -5.86 0.00	82.60 -6.46 0.00	29.30 -2.25 0.00	26.81 -1.80 0.00	27.91 -1.95 0.00	29.43 -2.10 2.02	34.11 -2.61 1.43	33.31 -2.78 0.73	31.33 -2.69 0.37	31.64 -3.01 0.53	28.36 -3.79 5.42	35.29 -4.27 4.26	67.07 -7.18 0.00	106.51 -10.02 0.00	38.89 -3.99 0.00	32.40 -2.77 0.00	33.02 -2.31 0.00
NM_ST_REGIS___HYD 24053	38.10 -0.15 0.00	35.70 -0.46 0.00	36.24 -0.40 0.00	40.82 -0.08 0.00	41.99 0.08 0.00	38.03 0.25 0.00	232.74 0.84 -173.97	68.92 0.53 -0.01	90.02 0.96 0.00	31.75 0.20 0.00	28.51 -0.10 0.00	29.59 -0.27 0.00	33.08 -0.47 0.00	37.53 -0.63 0.00	36.15 -0.67 0.00	33.92 -0.47 0.00	34.79 -0.39 0.00	37.32 -0.26 0.00	43.51 -0.31 0.00	74.10 -0.16 0.00	116.69 0.16 0.00	42.81 -0.06 0.00	35.02 -0.15 0.00	35.28 -0.06 0.00
NORTHPORT___1 23551	39.63 1.38 0.00	37.22 1.06 0.00	37.75 1.11 0.00	42.19 1.29 0.00	43.18 1.27 0.00	39.09 1.31 0.00	60.59 2.65 0.00	71.41 3.03 0.00	92.19 3.13 0.00	33.04 1.50 0.00	30.12 1.50 0.00	31.21 1.34 0.00	34.91 1.36 0.00	39.77 1.61 0.00	38.73 1.81 -0.09	39.09 2.12 -2.58	38.11 2.30 -0.63	42.27 2.37 -2.32	47.49 2.63 -1.04	78.29 4.03 0.00	122.29 5.76 0.00	44.63 1.75 0.00	36.45 1.28 0.00	36.65 1.18 -0.13
NORTHPORT___2 23552	39.63 1.38 0.00	37.22 1.06 0.00	37.75 1.11 0.00	42.19 1.29 0.00	43.18 1.27 0.00	39.09 1.31 0.00	60.59 2.65 0.00	71.41 3.03 0.00	92.19 3.13 0.00	33.04 1.50 0.00	30.12 1.50 0.00	31.21 1.34 0.00	34.91 1.36 0.00	39.77 1.61 0.00	38.73 1.81 -0.09	39.09 2.12 -2.58	38.11 2.30 -0.63	42.27 2.37 -2.32	47.49 2.63 -1.04	78.29 4.03 0.00	122.29 5.76 0.00	44.63 1.75 0.00	36.45 1.28 0.00	36.65 1.18 -0.13
NORTHPORT___3 23553	39.43 1.19 0.00	37.11 0.95 0.00	37.57 0.94 0.00	41.96 1.06 0.00	42.92 1.01 0.00	38.83 1.05 0.00	60.15 2.21 0.00	70.96 2.58 0.00	91.66 2.59 0.00	32.87 1.33 0.00	30.01 1.40 0.00	31.12 1.25 0.00	34.89 1.33 0.00	39.71 1.55 0.00	38.60 1.69 -0.09	38.90 2.01 -2.50	37.90 2.11 -0.61	41.98 2.16 -2.24	47.21 2.37 -1.01	77.85 3.60 0.00	121.61 5.08 0.00	44.50 1.63 0.00	36.38 1.21 0.00	36.60 1.13 -0.13
NORTHPORT___4 23650	39.43 1.19 0.00	37.11 0.95 0.00	37.57 0.94 0.00	41.96 1.06 0.00	42.92 1.01 0.00	38.83 1.05 0.00	60.15 2.21 0.00	70.96 2.58 0.00	91.66 2.59 0.00	32.87 1.33 0.00	30.01 1.40 0.00	31.12 1.25 0.00	34.89 1.33 0.00	39.71 1.55 0.00	38.60 1.69 -0.09	38.90 2.01 -2.50	37.90 2.11 -0.61	41.98 2.16 -2.24	47.21 2.37 -1.01	77.85 3.60 0.00	121.61 5.08 0.00	44.50 1.63 0.00	36.38 1.21 0.00	36.60 1.13 -0.13
NORTHPORT___IC 23718	39.63 1.38 0.00	37.21 1.05 0.00	37.75 1.11 0.00	42.19 1.29 0.00	43.18 1.27 0.00	39.09 1.31 0.00	60.60 2.66 0.00	71.42 3.03 0.00	92.17 3.11 0.00	33.04 1.50 0.00	30.12 1.51 0.00	31.21 1.34 0.00	34.92 1.37 0.00	39.76 1.61 0.00	38.72 1.82 -0.09	39.09 2.11 -2.58	38.11 2.30 -0.63	42.27 2.36 -2.32	47.50 2.63 -1.04	78.29 4.04 0.00	122.30 5.77 0.00	44.63 1.75 0.00	36.44 1.27 0.00	36.65 1.19 -0.13
NORTH___COUNTRY_ESR 323785	38.25 0.01 0.00	35.86 -0.30 0.00	36.49 -0.15 0.00	41.30 0.40 0.00	42.54 0.64 0.00	38.50 0.72 0.00	170.58 1.41 -111.23	69.51 1.13 0.00	91.07 2.00 0.00	32.07 0.52 0.00	28.79 0.18 0.00	29.91 0.04 0.00	33.35 -0.20 0.00	37.87 -0.29 0.00	36.47 -0.35 0.00	34.36 -0.03 0.00	35.14 -0.04 0.00	37.68 0.10 0.00	43.93 0.11 0.00	74.18 -0.07 0.00	116.55 0.02 0.00	42.82 -0.06 0.00	35.01 -0.16 0.00	35.38 0.05 0.00
NPX_GEN_1385_PROXY 323591	39.11 0.87 0.00	36.57 0.41 0.00	37.43 0.79 0.00	41.83 0.93 0.00	42.82 0.91 0.00	38.77 0.99 0.00	60.48 2.54 0.00	70.50 2.12 0.00	91.02 1.96 0.00	32.91 1.37 0.00	29.12 1.26 0.76	31.12 1.26 0.00	34.36 0.81 0.00	39.15 0.99 0.00	38.52 1.61 -0.09	39.10 2.13 -2.58	37.84 2.02 -0.63	41.72 1.82 -2.32	46.93 2.07 -1.04	77.25 3.00 0.00	120.81 4.28 0.00	44.16 1.28 0.00	35.72 0.55 0.00	35.86 0.39 -0.13
NPX_GEN_CSC 323557	39.65 1.41 0.00	37.09 0.93 0.00	37.56 0.92 0.00	42.17 1.27 0.00	43.21 1.30 0.00	39.19 1.41 0.00	60.78 2.84 0.00	71.31 2.93 0.00	91.68 2.61 0.00	32.80 1.25 0.00	29.19 1.34 0.76	30.77 0.90 0.00	34.54 0.99 0.00	39.32 1.16 0.00	38.29 1.36 -0.11	39.20 1.74 -3.08	37.97 2.04 -0.76	42.51 2.16 -2.76	47.82 2.75 -1.25	78.50 4.25 0.00	122.52 5.99 0.00	44.35 1.48 0.00	36.21 1.04 0.00	28.71 0.83 7.45
NSINS_S___GLNS_FALLS 23858	39.38 1.14 0.00	37.26 1.10 0.00	37.78 1.14 0.00	42.24 1.34 0.00	43.27 1.36 0.00	39.18 1.39 0.00	60.50 2.56 0.00	71.14 2.76 0.00	92.22 3.16 0.00	32.18 0.64 0.00	29.04 0.43 0.00	30.39 0.52 0.00	34.11 0.56 0.00	38.92 0.76 0.00	37.66 0.84 0.00	35.41 1.02 0.00	36.29 1.11 0.00	39.04 1.46 0.00	45.68 1.86 0.00	77.64 3.39 0.00	121.50 4.97 0.00	44.59 1.71 0.00	36.45 1.28 0.00	36.45 1.12 0.00
NUCOR_STEEL___DRP 24197	38.60 0.35 0.00	36.56 0.40 0.00	37.05 0.41 0.00	41.05 0.15 0.00	42.07 0.16 0.00	38.06 0.28 0.00	62.16 0.30 -3.92	68.74 0.36 0.00	89.20 0.14 0.00	31.64 0.09 0.00	28.74 0.13 0.00	29.88 0.01 0.00	33.49 -0.06 0.00	38.00 -0.16 0.00	36.58 -0.23 0.00	34.27 -0.12 0.00	35.13 -0.05 0.00	37.43 -0.15 0.00	43.92 0.10 0.00	74.21 -0.05 0.00	116.94 0.40 0.00	42.79 -0.09 0.00	35.12 -0.05 0.00	35.46 0.13 0.00
NUMBER_THREE_WT_PWR 323818	38.34 0.09 0.00	36.05 -0.11 0.00	36.60 -0.05 0.00	41.00 0.10 0.00	42.41 0.50 0.00	38.56 0.78 0.00	115.05 1.49 -55.61	69.99 1.61 0.00	91.04 1.98 0.00	31.65 0.10 0.00	28.32 -0.29 0.00	29.30 -0.56 0.00	32.82 -0.73 0.00	37.09 -1.06 0.00	35.85 -0.97 0.00	33.15 -1.24 0.00	34.39 -0.78 0.00	37.10 -0.47 0.00	43.45 -0.37 0.00	75.25 1.00 0.00	118.64 2.11 0.00	43.29 0.42 0.00	35.46 0.29 0.00	35.56 0.23 0.00
NYISO_LBMP_REFERENCE 24008	38.25 0.00 0.00	36.16 0.00 0.00	36.64 0.00 0.00	40.90 0.00 0.00	41.91 0.00 0.00	37.78 0.00 0.00	57.94 0.00 0.00	68.38 0.00 0.00	89.06 0.00 0.00	31.55 0.00 0.00	28.61 0.00 0.00	29.86 0.00 0.00	33.55 0.00 0.00	38.16 0.00 0.00	36.82 0.00 0.00	34.39 0.00 0.00	35.18 0.00 0.00	37.58 0.00 0.00	43.82 0.00 0.00	74.25 0.00 0.00	116.53 0.00 0.00	42.88 0.00 0.00	35.17 0.00 0.00	35.34 0.00 0.00

NYPA_BRENTWD____GT 24164	40.01	37.58	38.08	42.54	43.56	39.47	61.19	71.99	92.91	33.33	30.34	31.42	35.21	40.09	39.04	40.52	38.77	43.70	48.53	79.37	123.95	45.20	36.91	37.11
	1.76	1.42	1.43	1.64	1.65	1.69	3.25	3.61	3.85	1.78	1.73	1.56	1.66	1.94	2.09	2.46	2.69	2.82	3.22	5.11	7.42	2.33	1.74	1.59
	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	-0.13	-3.67	-0.90	-3.30	-1.49	0.00	0.00	0.00	0.00	-0.19
NYPA_GOWANUS____GT5 24156	57.35	56.00	55.44	55.43	55.46	56.11	62.54	79.48	109.86	82.85	81.23	84.72	56.54	58.71	64.62	57.49	91.63	60.79	59.03	89.36	135.04	98.38	62.55	57.54
	1.62	1.57	1.53	1.60	1.64	1.67	2.95	4.12	4.87	1.80	1.73	1.68	1.95	2.35	2.35	2.27	2.45	2.53	3.02	4.87	7.09	2.72	2.16	1.95
	-17.49	-18.26	-17.26	-12.93	-11.91	-16.66	-1.65	-6.98	-15.92	-49.51	-50.89	-53.18	-21.04	-18.21	-25.45	-20.82	-54.00	-20.67	-12.19	-10.24	-11.42	-52.78	-25.21	-20.26
NYPA_GOWANUS____GT6 24157	57.35	56.00	55.44	55.43	55.46	56.11	62.54	79.48	109.86	82.85	81.23	84.72	56.54	58.71	64.62	57.49	91.63	60.79	59.03	89.36	135.04	98.38	62.55	57.54
	1.62	1.57	1.53	1.60	1.64	1.67	2.95	4.12	4.87	1.80	1.73	1.68	1.95	2.35	2.35	2.27	2.45	2.53	3.02	4.87	7.09	2.72	2.16	1.95
	-17.49	-18.26	-17.26	-12.93	-11.91	-16.66	-1.65	-6.98	-15.92	-49.51	-50.89	-53.18	-21.04	-18.21	-25.45	-20.82	-54.00	-20.67	-12.19	-10.24	-11.42	-52.78	-25.21	-20.26
NYPA_HARLEM__RVR__GT1 24160	39.35	37.27	37.68	41.94	42.98	38.94	60.17	71.56	92.75	33.01	30.05	31.28	35.16	40.06	38.73	36.27	37.28	39.72	46.32	78.17	122.20	45.13	37.00	36.89
	1.10	1.11	1.04	1.05	1.07	1.16	2.24	3.18	3.68	1.47	1.44	1.42	1.61	1.91	1.91	1.88	2.10	2.15	2.50	3.92	5.67	2.25	1.83	1.55
	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.00	-0.01	0.01	0.00	0.00	-0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT2 24161	39.35	37.27	37.68	41.94	42.98	38.94	60.17	71.56	92.75	33.01	30.05	31.28	35.16	40.06	38.73	36.27	37.28	39.72	46.32	78.17	122.20	45.13	37.00	36.89
	1.10	1.11	1.04	1.05	1.07	1.16	2.24	3.18	3.68	1.47	1.44	1.42	1.61	1.91	1.91	1.88	2.10	2.15	2.50	3.92	5.67	2.25	1.83	1.55
	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.00	-0.01	0.01	0.00	0.00	-0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00
NYPA_KENT____GT 24152	50.28	48.62	48.45	50.15	50.59	49.39	61.76	76.92	110.40	73.95	74.81	71.34	48.61	51.81	55.02	49.86	83.74	54.61	54.33	85.09	130.23	77.25	52.41	49.37
	1.51	1.46	1.42	1.48	1.51	1.55	2.81	3.93	4.64	1.73	1.67	1.64	1.88	2.26	2.26	2.20	2.39	2.46	2.92	4.68	6.83	2.60	2.06	1.84
	-10.53	-11.00	-10.39	-7.78	-7.17	-10.06	-1.01	-4.61	-16.69	-40.67	-44.52	-39.83	-13.17	-11.40	-15.94	-13.27	-46.17	-14.57	-7.59	-6.16	-6.87	-31.76	-15.17	-12.19
NYPA_POUCH1____GT 24155	57.27	55.93	55.38	55.38	55.38	56.04	62.35	79.25	109.52	62.52	57.47	53.90	56.44	58.59	64.50	57.38	62.09	57.20	58.89	89.13	134.71	98.28	62.48	57.49
	1.53	1.50	1.48	1.55	1.56	1.59	2.76	3.88	4.53	1.66	1.61	1.56	1.85	2.23	2.23	2.17	2.30	2.39	2.88	4.64	6.75	2.63	2.10	1.89
	-17.49	-18.26	-17.26	-12.93	-11.91	-16.66	-1.65	-6.98	-15.92	-29.32	-27.25	-22.48	-21.04	-18.21	-25.45	-20.82	-24.61	-17.23	-12.19	-10.24	-11.42	-52.78	-25.21	-20.26
NYPA_VERNON____GT2 24162	43.21	41.24	41.46	44.88	45.71	42.66	60.98	74.35	110.94	65.05	68.39	57.95	40.68	44.92	45.43	42.23	75.84	48.43	49.63	80.84	125.38	56.12	42.28	41.20
	1.40	1.36	1.31	1.35	1.38	1.43	2.68	3.75	4.42	1.67	1.63	1.60	1.81	2.17	2.19	2.12	2.32	2.39	2.81	4.50	6.52	2.49	1.98	1.74
	-3.56	-3.72	-3.51	-2.63	-2.42	-3.45	-0.36	-2.23	-17.46	-31.83	-38.15	-26.49	-5.31	-4.59	-6.42	-5.72	-38.34	-8.46	-3.00	-2.08	-2.33	-10.75	-5.14	-4.13
NYPA_VERNON____GT3 24163	43.21	41.24	41.46	44.88	45.71	42.66	60.98	74.35	110.94	65.05	68.39	57.95	40.68	44.92	45.43	42.23	75.84	48.43	49.63	80.84	125.38	56.12	42.28	41.20
	1.40	1.36	1.31	1.35	1.38	1.43	2.68	3.75	4.42	1.67	1.63	1.60	1.81	2.17	2.19	2.12	2.32	2.39	2.81	4.50	6.52	2.49	1.98	1.74
	-3.56	-3.72	-3.51	-2.63	-2.42	-3.45	-0.36	-2.23	-17.46	-31.83	-38.15	-26.49	-5.31	-4.59	-6.42	-5.72	-38.34	-8.46	-3.00	-2.08	-2.33	-10.75	-5.14	-4.13
NYPA__ASTORIA_CC1 323568	39.61	37.48	37.91	42.21	43.23	39.23	60.60	72.89	107.77	55.16	58.28	47.25	36.36	41.17	40.21	37.96	65.07	44.23	47.10	78.68	122.92	45.33	37.11	37.03
	1.36	1.32	1.27	1.31	1.32	1.39	2.63	3.69	4.34	1.64	1.60	1.57	1.77	2.12	2.14	2.07	2.27	2.35	2.76	4.42	6.39	2.45	1.94	1.69
	0.00	0.00	0.00	0.00	0.00	-0.06	-0.02	-0.81	-14.37	-21.97	-28.07	-15.82	-1.04	-0.90	-1.25	-1.50	-27.62	-4.29	-0.52	0.00	0.00	0.00	0.00	0.00
NYPA__ASTORIA_CC2 323569	39.61	37.48	37.91	42.21	43.23	39.23	60.60	72.89	107.77	55.16	58.28	47.25	36.36	41.17	40.21	37.96	65.07	44.23	47.10	78.68	122.92	45.33	37.11	37.03
	1.36	1.32	1.27	1.31	1.32	1.39	2.63	3.69	4.34	1.64	1.60	1.57	1.77	2.12	2.14	2.07	2.27	2.35	2.76	4.42	6.39	2.45	1.94	1.69
	0.00	0.00	0.00	0.00	0.00	-0.06	-0.02	-0.81	-14.37	-21.97	-28.07	-15.82	-1.04	-0.90	-1.25	-1.50	-27.62	-4.29	-0.52	0.00	0.00	0.00	0.00	0.00
NYPA__HOLTSVILL 23794	39.73	37.27	37.75	42.24	43.27	39.22	60.82	71.58	92.28	33.03	30.10	31.06	34.84	39.67	38.62	39.46	38.22	42.71	47.90	78.70	122.86	44.72	36.52	36.66
	1.48	1.11	1.10	1.34	1.37	1.44	2.88	3.20	3.22	1.48	1.49	1.20	1.29	1.51	1.70	2.04	2.30	2.41	2.86	4.45	6.34	1.84	1.35	1.17
	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	-0.10	-3.02	-0.74	-2.71	-1.23	0.00	0.00	0.00	0.00	-0.16
NYPA____HELLGATE_GT1 24158	39.35	37.27	37.68	41.94	42.98	38.94	60.22	71.61	92.81	33.01	30.05	31.28	35.16	40.06	38.73	36.27	37.28	39.72	46.33	78.17	122.20	45.13	37.00	36.89
	1.10	1.11	1.04	1.05	1.07	1.16	2.29	3.23	3.74	1.47	1.44	1.42	1.61	1.91	1.91	1.88	2.10	2.15	2.52	3.93	5.67	2.25	1.83	1.55
	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.00	-0.01	0.01	0.00	0.00	-0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00
NYPA____HELLGATE_GT2 24159	39.35	37.27	37.68	41.94	42.98	38.94	60.22	71.61	92.81	33.01	30.05	31.28	35.16	40.06	38.73	36.27	37.28	39.72	46.33	78.17	122.20	45.13	37.00	36.89
	1.10	1.11	1.04	1.05	1.07	1.16	2.29	3.23	3.74	1.47	1.44	1.42	1.61	1.91	1.91	1.88	2.10	2.15	2.52	3.93	5.67	2.25	1.83	1.55
	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.00	-0.01	0.01	0.00	0.00	-0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00
NYS_BARGE__HYD 23848	37.44	35.33	35.80	39.48	40.52	36.73	54.64	63.81	84.27	29.84	27.26	28.37	29.87	34.64	33.83	31.78	32.16	28.72	35.87	68.47	108.74	39.67	33.02	33.64
	-0.80	-0.84	-0.85	-1.42	-1.39	-1.05	-3.30	-4.57	-4.79	-1.71	-1.36	-1.49	-1.57	-2.02	-2.22	-2.22	-2.47	-3.19	-3.49	-5.78	-7.79	-3.21	-2.15	-1.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.11	1.50	0.76	0.39	0.55	5.67	4.46	0.00	0.00	0.00	0.00	0.00

OAK ORCHARD___HYD 24046	37.97 -0.27 0.00	35.88 -0.28 0.00	36.36 -0.28 0.00	40.27 -0.63 0.00	41.32 -0.59 0.00	37.38 -0.41 0.00	56.49 -1.45 0.00	66.35 -2.03 0.00	87.05 -2.01 0.00	30.84 -0.71 0.00	28.07 -0.54 0.00	29.28 -0.58 0.00	32.86 -0.58 0.12	37.32 -0.83 0.00	35.84 -0.98 0.00	33.37 -1.02 0.00	34.00 -1.17 0.00	36.14 -1.44 0.00	42.30 -1.52 0.00	71.74 -2.52 0.00	113.42 -3.11 0.00	41.48 -1.39 0.00	34.23 -0.94 0.00	34.64 -0.69 0.00
OAKDALE___35_KV_LOAD 356122	38.33 0.08 0.00	36.32 0.17 0.00	36.82 0.18 0.00	40.99 0.09 0.00	42.00 0.09 0.00	37.85 0.07 0.00	57.93 -0.01 0.00	68.28 -0.10 0.00	89.01 -0.05 0.00	31.44 -0.11 0.00	28.56 -0.05 0.00	29.80 -0.06 0.00	33.59 0.04 0.00	38.09 -0.07 0.00	36.61 -0.21 0.00	34.16 -0.23 0.00	34.94 -0.24 0.00	37.32 -0.26 0.00	43.55 -0.28 0.00	73.96 -0.29 0.00	116.10 -0.43 0.00	42.62 -0.26 0.00	34.95 -0.22 0.00	35.18 -0.15 0.00
OCC_CHEM___DRP 24175	36.81 -1.44 0.00	34.78 -1.38 0.00	35.24 -1.40 0.00	38.83 -2.07 0.00	39.84 -2.07 0.00	36.08 -1.70 0.00	53.74 -4.20 0.00	62.70 -5.68 0.00	82.84 -6.22 0.00	29.38 -2.16 0.00	26.89 -1.72 0.00	27.99 -1.87 0.00	29.53 -2.01 2.01	34.23 -2.50 1.42	33.42 -2.68 0.73	31.42 -2.60 0.37	31.73 -2.93 0.52	28.49 -3.69 5.40	35.42 -4.16 4.24	67.25 -7.00 0.00	106.83 -9.70 0.00	39.00 -3.88 0.00	32.48 -2.68 0.00	33.11 -2.23 0.00
OH_GEN_PROXY 24063	37.12 -1.13 0.00	35.06 -1.10 0.00	35.52 -1.12 0.00	39.19 -1.70 0.00	40.19 -1.71 0.00	36.39 -1.39 0.00	54.30 -3.64 0.00	63.47 -4.91 0.00	83.74 -5.33 0.00	29.69 -1.86 0.00	26.37 -1.48 0.76	28.26 -1.61 0.00	30.01 -1.70 1.84	34.70 -2.15 1.30	33.81 -2.34 0.67	31.74 -2.31 0.34	32.10 -2.60 0.48	29.45 -3.20 4.93	36.35 -3.59 3.88	68.12 -6.13 0.00	108.17 -8.36 0.00	39.47 -3.41 0.00	32.79 -2.38 0.00	33.40 -1.93 0.00
OLIN_CORP_DRP 24177	36.97 -1.28 0.00	34.91 -1.25 0.00	35.37 -1.27 0.00	38.98 -1.92 0.00	39.99 -1.92 0.00	36.24 -1.54 0.00	53.78 -4.16 0.00	62.70 -5.68 0.00	82.84 -6.22 0.00	29.37 -2.18 0.00	26.85 -1.76 0.00	27.94 -1.92 0.00	29.55 -2.05 1.94	34.20 -2.58 1.38	33.39 -2.73 0.70	31.40 -2.63 0.36	31.71 -2.97 0.51	28.57 -3.80 5.21	35.47 -4.25 4.10	67.16 -7.09 0.00	106.73 -9.80 0.00	38.96 -3.92 0.00	32.50 -2.67 0.00	33.12 -2.21 0.00
OLIN_CORP_DSASP 323712	36.84 -1.41 0.00	34.78 -1.39 0.00	35.24 -1.40 0.00	38.83 -2.07 0.00	39.84 -2.07 0.00	36.09 -1.69 0.00	53.73 -4.21 0.00	62.70 -5.68 0.00	82.77 -6.30 0.00	29.39 -2.16 0.00	26.89 -1.73 0.00	27.99 -1.87 0.00	29.54 -2.00 2.01	34.24 -2.49 1.42	33.44 -2.66 0.73	31.43 -2.60 0.37	31.74 -2.92 0.52	28.55 -3.63 5.40	35.50 -4.09 4.24	67.27 -6.98 0.00	106.83 -9.70 0.00	39.00 -3.88 0.00	32.47 -2.70 0.00	33.11 -2.23 0.00
ONEIDA_HERK_LFGE 323681	38.84 0.59 0.00	36.63 0.47 0.00	37.14 0.50 0.00	41.50 0.61 0.00	42.69 0.79 0.00	38.68 0.90 0.00	85.96 1.60 -26.42	70.23 1.85 0.00	91.31 2.25 0.00	32.00 0.46 0.00	28.91 0.29 0.00	30.01 0.15 0.00	33.69 0.14 0.00	38.19 0.04 0.00	36.90 0.08 0.00	34.37 -0.02 0.00	35.35 0.17 0.00	37.96 0.38 0.00	44.44 0.62 0.00	76.07 1.82 0.00	119.56 3.03 0.00	43.80 0.92 0.00	35.87 0.70 0.00	35.97 0.63 0.00
ONEIDA___115KV_TB4 55905	39.14 0.90 0.00	36.98 0.83 0.00	37.47 0.83 0.00	41.79 0.89 0.00	42.87 0.96 0.00	38.76 0.98 0.00	71.25 1.68 -11.62	70.41 2.03 0.00	91.59 2.53 0.00	32.22 0.67 0.00	29.24 0.63 0.00	30.34 0.48 0.00	34.11 0.56 0.00	38.66 0.51 0.00	37.38 0.56 0.00	34.94 0.55 0.00	35.78 0.60 0.00	38.29 0.71 0.00	44.89 1.07 0.00	76.49 2.24 0.00	120.06 3.53 0.00	44.03 1.15 0.00	36.04 0.87 0.00	36.16 0.82 0.00
ONONDAGA_REF_OCCRA 23987	38.28 0.04 0.00	36.24 0.08 0.00	36.71 0.07 0.00	40.87 -0.03 0.00	41.88 -0.03 0.00	37.74 -0.05 0.00	62.60 -0.20 -4.86	68.13 -0.25 0.00	88.70 -0.36 0.00	31.46 -0.09 0.00	28.57 -0.04 0.00	29.78 -0.09 0.00	33.47 -0.07 0.00	37.98 -0.17 0.00	36.65 -0.17 0.00	34.20 -0.19 0.00	34.97 -0.20 0.00	37.40 -0.18 0.00	43.66 -0.16 0.00	74.10 -0.15 0.00	116.35 -0.18 0.00	42.71 -0.17 0.00	35.06 -0.11 0.00	35.27 -0.07 0.00
ONONDAGA___COGEN 23986	38.23 -0.01 0.00	36.19 0.03 0.00	36.68 0.04 0.00	40.79 -0.11 0.00	41.78 -0.13 0.00	37.64 -0.14 0.00	62.21 -0.35 -4.62	67.93 -0.45 0.00	88.41 -0.65 0.00	31.38 -0.17 0.00	28.49 -0.12 0.00	29.70 -0.17 0.00	33.38 -0.17 0.00	37.88 -0.27 0.00	36.53 -0.28 0.00	34.11 -0.27 0.00	34.88 -0.30 0.00	37.29 -0.29 0.00	43.56 -0.26 0.00	73.87 -0.38 0.00	116.04 -0.49 0.00	42.58 -0.30 0.00	34.96 -0.21 0.00	35.19 -0.14 0.00
ONTARIO___LFGE 23819	38.57 0.33 0.00	36.51 0.35 0.00	36.99 0.35 0.00	41.16 0.27 0.00	42.23 0.32 0.00	38.17 0.39 0.00	58.23 0.29 0.00	68.53 0.15 0.00	89.26 0.19 0.00	31.55 0.00 0.00	28.52 -0.09 0.00	29.72 -0.15 0.00	34.62 -0.20 -1.27	38.65 -0.42 -0.92	36.68 -0.61 -0.47	33.97 -0.66 -0.24	34.99 -0.52 -0.34	40.48 -0.57 -3.47	46.02 -0.53 -2.73	73.62 -0.64 0.00	115.82 -0.71 0.00	42.51 -0.37 0.00	34.87 -0.30 0.00	35.14 -0.19 0.00
ORANGEVILLE_WT_PWR 323706	37.39 -0.85 0.00	35.40 -0.77 0.00	35.89 -0.75 0.00	39.83 -1.07 0.00	40.95 -0.96 0.00	37.05 -0.74 0.00	55.75 -2.19 0.00	65.22 -3.16 0.00	85.48 -3.58 0.00	29.89 -1.66 0.00	26.98 -1.63 0.00	27.81 -2.05 0.00	17.35 -2.29 13.91	25.38 -2.81 9.96	28.55 -3.17 5.10	28.65 -3.15 2.59	28.38 -3.13 3.67	-3.80 -3.59 37.79	10.03 -4.09 29.70	68.07 -6.18 0.01	107.88 -8.65 0.00	39.55 -3.32 0.00	32.59 -2.58 0.00	33.11 -2.22 0.00
ORANGEVILLE___ESR 323794	37.39 -0.85 0.00	35.40 -0.77 0.00	35.89 -0.75 0.00	39.83 -1.07 0.00	40.95 -0.96 0.00	37.05 -0.74 0.00	55.75 -2.19 0.00	65.22 -3.16 0.00	85.48 -3.58 0.00	29.89 -1.66 0.00	26.98 -1.63 0.00	27.81 -2.05 0.00	17.35 -2.29 13.91	25.38 -2.81 9.96	28.55 -3.17 5.10	28.65 -3.15 2.59	28.38 -3.13 3.67	-3.80 -3.59 37.79	10.03 -4.09 29.70	68.07 -6.18 0.01	107.88 -8.65 0.00	39.55 -3.32 0.00	32.59 -2.58 0.00	33.11 -2.22 0.00
OSWEGATCHIE___HYD 24044	37.76 -0.48 0.00	35.43 -0.73 0.00	35.95 -0.69 0.00	40.36 -0.54 0.00	41.63 -0.28 0.00	37.77 -0.01 0.00	184.48 0.37 -126.17	68.52 0.14 0.00	89.18 0.12 0.00	31.21 -0.33 0.00	27.96 -0.65 0.00	28.97 -0.89 0.00	32.46 -1.09 0.00	36.74 -1.41 0.00	35.51 -1.32 0.00	33.04 -1.35 0.00	34.13 -1.04 0.00	36.71 -0.87 0.00	42.94 -0.88 0.00	73.83 -0.42 0.00	116.33 -0.20 0.00	42.56 -0.31 0.00	34.84 -0.33 0.00	35.00 -0.33 0.00
OSWEGO___5 23606	37.55 -0.70 0.00	35.53 -0.63 0.00	36.01 -0.63 0.00	40.09 -0.80 0.00	41.07 -0.83 0.00	36.96 -0.82 0.00	56.48 -1.46 0.00	66.61 -1.77 0.00	86.78 -2.28 0.00	30.81 -0.73 0.00	27.98 -0.63 0.00	29.20 -0.66 0.00	32.82 -0.73 0.00	37.26 -0.89 0.00	35.94 -0.88 0.00	33.55 -0.84 0.00	34.30 -0.88 0.00	36.63 -0.95 0.00	42.76 -1.06 0.00	72.48 -1.77 0.00	113.85 -2.68 0.00	41.84 -1.04 0.00	34.38 -0.80 0.00	34.61 -0.72 0.00

OSWEGO___6 23613	37.55 -0.70 0.00	35.53 -0.63 0.00	36.01 -0.63 0.00	40.09 -0.80 0.00	41.07 -0.83 0.00	36.96 -0.82 0.00	56.48 -1.46 0.00	66.61 -1.77 0.00	86.78 -2.28 0.00	30.81 -0.73 0.00	27.98 -0.63 0.00	29.20 -0.66 0.00	32.82 -0.73 0.00	37.26 -0.89 0.00	35.94 -0.88 0.00	33.55 -0.84 0.00	34.30 -0.88 0.00	36.63 -0.95 0.00	42.76 -1.06 0.00	72.48 -1.77 0.00	113.85 -2.68 0.00	41.84 -1.04 0.00	34.38 -0.80 0.00	34.61 -0.72 0.00
OUTOKUMPU-AB___DRP 24206	37.71 -0.54 0.00	35.59 -0.57 0.00	36.06 -0.58 0.00	39.77 -1.13 0.00	40.80 -1.11 0.00	36.98 -0.80 0.00	55.17 -2.77 0.00	64.56 -3.82 0.00	85.93 -3.13 0.00	30.33 -1.22 0.00	27.89 -0.72 0.00	29.04 -0.83 0.00	30.84 -0.84 1.87	35.67 -1.16 1.33	34.68 -1.46 0.68	32.30 -1.74 0.35	32.96 -1.74 0.49	30.18 -2.38 5.02	37.34 -2.54 3.95	70.22 -4.03 0.00	111.53 -5.00 0.00	40.60 -2.27 0.00	33.75 -1.42 0.00	34.32 -1.02 0.00
OXBOW___BTM 323836	37.22 -1.02 0.00	35.13 -1.03 0.00	35.60 -1.04 0.00	39.24 -1.66 0.00	40.26 -1.65 0.00	36.48 -1.30 0.00	54.37 -3.57 0.00	63.54 -4.84 0.00	84.20 -4.86 0.00	29.82 -1.72 0.00	27.44 -1.18 0.00	28.56 -1.30 0.00	30.26 -1.35 1.94	35.04 -1.75 1.37	34.14 -1.98 0.70	31.92 -2.11 0.36	32.41 -2.26 0.51	29.47 -2.91 5.21	36.55 -3.17 4.09	68.93 -5.33 0.00	109.49 -7.04 0.00	39.89 -2.99 0.00	33.17 -1.99 0.00	33.77 -1.57 0.00
OXBOW____ 24026	37.20 -1.04 0.00	35.13 -1.03 0.00	35.60 -1.04 0.00	39.23 -1.67 0.00	40.25 -1.66 0.00	36.48 -1.31 0.00	54.38 -3.56 0.00	63.54 -4.84 0.00	84.27 -4.79 0.00	29.81 -1.73 0.00	27.43 -1.18 0.00	28.57 -1.30 0.00	30.25 -1.36 1.94	35.02 -1.77 1.37	34.11 -2.00 0.70	31.92 -2.11 0.36	32.41 -2.27 0.51	29.40 -2.97 5.21	36.48 -3.25 4.09	68.92 -5.33 0.00	109.47 -7.06 0.00	39.89 -2.98 0.00	33.19 -1.98 0.00	33.77 -1.57 0.00
OXY_CHEM_DSASP 323612	36.81 -1.44 0.00	34.78 -1.38 0.00	35.24 -1.40 0.00	38.83 -2.07 0.00	39.84 -2.07 0.00	36.08 -1.70 0.00	53.74 -4.20 0.00	62.70 -5.68 0.00	82.84 -6.22 0.00	29.38 -2.16 0.00	26.89 -1.72 0.00	27.99 -1.87 0.00	29.53 -2.01 2.01	34.23 -2.50 1.42	33.42 -2.68 0.73	31.42 -2.60 0.37	31.73 -2.93 0.52	28.49 -3.69 5.40	35.42 -4.16 4.24	67.25 -7.00 0.00	106.83 -9.70 0.00	39.00 -3.88 0.00	32.48 -2.68 0.00	33.11 -2.23 0.00
OZONE_PARK_ESR 323760	39.78 1.54 0.00	37.62 1.46 0.00	38.03 1.39 0.00	42.35 1.46 0.00	43.41 1.50 0.00	39.35 1.57 0.00	60.83 2.89 0.00	72.43 4.06 0.00	93.79 4.73 0.00	33.32 1.77 0.00	30.33 1.72 0.00	31.55 1.69 0.00	35.47 1.92 0.00	40.43 2.27 0.00	39.13 2.31 0.00	36.63 2.24 0.00	37.62 2.44 0.00	40.12 2.54 0.00	46.81 2.99 0.00	79.18 4.92 0.00	123.72 7.20 0.00	45.55 2.68 0.00	37.29 2.11 0.00	37.22 1.88 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	36.81 -1.44 0.00	34.78 -1.38 0.00	35.24 -1.40 0.00	38.83 -2.07 0.00	39.84 -2.07 0.00	36.08 -1.70 0.00	53.74 -4.20 0.00	62.70 -5.68 0.00	82.84 -6.22 0.00	29.38 -2.16 0.00	26.89 -1.72 0.00	27.99 -1.87 0.00	29.53 -2.01 2.01	34.23 -2.50 1.42	33.42 -2.68 0.73	31.42 -2.60 0.37	31.73 -2.93 0.52	28.49 -3.69 5.40	35.42 -4.16 4.24	67.25 -7.00 0.00	106.83 -9.70 0.00	39.00 -3.88 0.00	32.48 -2.68 0.00	33.11 -2.23 0.00
PACKARD___115KV_DUPONT_184 80571	36.81 -1.44 0.00	34.78 -1.38 0.00	35.24 -1.40 0.00	38.83 -2.07 0.00	39.84 -2.07 0.00	36.08 -1.70 0.00	53.74 -4.20 0.00	62.70 -5.68 0.00	82.84 -6.22 0.00	29.38 -2.16 0.00	26.89 -1.72 0.00	27.99 -1.87 0.00	29.53 -2.01 2.01	34.23 -2.50 1.42	33.42 -2.68 0.73	31.42 -2.60 0.37	31.73 -2.93 0.52	28.49 -3.69 5.40	35.42 -4.16 4.24	67.25 -7.00 0.00	106.83 -9.70 0.00	39.00 -3.88 0.00	32.48 -2.68 0.00	33.11 -2.23 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	39.40 1.15 0.00	37.28 1.11 0.00	37.67 1.02 0.00	41.94 1.04 0.00	42.97 1.06 0.00	38.94 1.16 0.00	60.24 2.30 0.00	71.70 3.32 0.00	92.88 3.81 -0.01	33.01 1.47 0.01	30.04 1.43 0.00	31.27 1.41 0.00	35.16 1.60 -0.01	40.07 1.92 0.01	38.77 1.95 0.00	36.29 1.90 0.00	37.27 2.09 0.00	39.72 2.15 0.01	46.34 2.52 0.01	78.26 4.01 0.00	122.35 5.82 0.00	45.14 2.26 0.00	36.99 1.81 0.00	36.88 1.54 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	39.40 1.15 0.00	37.34 1.18 0.00	37.67 1.03 0.00	41.94 1.04 0.00	42.98 1.07 0.00	38.94 1.16 0.00	60.36 2.42 0.00	71.71 3.33 0.00	92.97 3.90 -0.01	33.03 1.49 0.01	30.07 1.46 0.00	31.27 1.41 0.00	35.16 1.61 -0.01	40.07 1.92 0.01	38.77 1.95 0.00	36.29 1.90 0.00	37.27 2.09 0.00	39.73 2.15 0.01	46.34 2.53 0.01	78.27 4.01 0.00	122.37 5.84 0.00	45.15 2.27 0.00	36.99 1.81 0.00	36.89 1.55 0.00
PATROON___115KV_TB1 80586	38.75 0.50 0.00	36.70 0.54 0.00	37.15 0.51 0.00	41.44 0.55 0.00	42.43 0.52 0.00	38.24 0.46 0.00	58.68 0.74 0.00	69.27 0.89 0.00	89.88 0.82 0.00	31.88 0.34 0.00	28.86 0.25 0.00	30.12 0.26 0.00	33.89 0.34 0.00	38.92 0.76 0.00	37.56 0.74 0.00	35.07 0.68 0.00	35.87 0.69 0.00	38.36 0.79 0.00	44.74 0.91 0.00	75.69 1.44 0.00	118.39 1.86 0.00	43.63 0.75 0.00	35.75 0.58 0.00	35.71 0.38 0.00
PATTRSNVILLE___SOLAR 323815	39.53 1.28 0.00	37.41 1.25 0.00	37.89 1.25 0.00	42.29 1.40 0.00	43.34 1.43 0.00	39.14 1.35 0.00	60.13 2.19 0.00	70.84 2.46 0.00	91.31 2.24 0.00	31.94 0.39 0.00	28.93 0.32 0.00	30.22 0.36 0.00	34.11 0.56 0.00	38.73 0.57 0.00	37.52 0.70 0.00	35.03 0.64 0.00	35.91 0.73 0.00	38.47 0.90 0.00	45.34 1.52 0.00	77.13 2.87 0.00	121.05 4.52 0.00	44.56 1.68 0.00	36.47 1.30 0.00	36.55 1.21 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	38.22 -0.02 0.00	36.13 -0.04 0.00	36.60 -0.05 0.00	40.42 -0.48 0.00	41.46 -0.45 0.00	37.55 -0.23 0.00	56.31 -1.63 0.00	65.90 -2.48 0.00	86.98 -2.09 0.00	30.63 -0.92 0.00	27.94 -0.67 0.00	29.14 -0.72 0.00	31.42 -0.76 1.37	36.11 -1.08 0.97	34.96 -1.36 0.50	32.75 -1.39 0.25	33.22 -1.60 0.36	31.69 -2.21 3.68	38.48 -2.45 2.89	70.59 -3.66 0.00	111.58 -4.95 0.00	40.62 -2.26 0.00	33.68 -1.49 0.00	34.22 -1.12 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	39.62 1.37 0.00	37.49 1.33 0.00	37.94 1.30 0.00	42.28 1.38 0.00	43.33 1.42 0.00	39.23 1.45 0.00	60.63 2.69 0.00	71.99 3.61 0.00	93.28 4.22 0.00	33.06 1.52 0.00	30.00 1.38 0.00	31.22 1.36 0.00	35.12 1.57 0.00	40.10 1.95 0.00	38.79 1.97 0.00	36.32 1.93 0.00	37.27 2.09 0.00	39.83 2.25 0.00	46.54 2.72 0.00	78.77 4.52 0.00	123.14 6.62 0.00	45.31 2.43 0.00	37.05 1.88 0.00	37.00 1.66 0.00
PEEKSKILL____ 23653	39.07 0.82 0.00	37.00 0.84 0.00	37.44 0.80 0.00	41.72 0.82 0.00	42.76 0.85 0.00	38.69 0.91 0.00	59.70 1.76 0.00	70.83 2.45 0.00	91.78 2.72 0.00	32.58 1.03 0.00	29.58 0.96 0.00	30.80 0.93 0.00	34.66 1.11 0.00	39.55 1.39 0.00	38.25 1.43 0.00	35.81 1.42 0.00	36.75 1.57 0.00	39.24 1.66 0.00	45.79 1.97 0.00	77.49 3.23 0.00	121.15 4.63 0.00	44.62 1.74 0.00	36.52 1.35 0.00	36.48 1.15 0.00

PGE MADISON___WINDPWR 24146	41.19 2.95 0.00	39.05 2.89 0.00	39.70 3.06 0.00	44.20 3.31 0.00	45.59 3.68 0.00	41.35 3.57 0.00	63.91 5.97 0.00	75.33 6.96 0.00	97.60 8.54 0.00	33.87 2.33 0.00	30.49 1.88 0.00	31.63 1.77 0.00	36.19 2.17 -0.47	40.51 2.01 -0.34	38.39 1.40 -0.17	35.72 1.25 -0.09	36.29 0.99 -0.13	40.53 1.65 -1.30	46.76 1.92 -1.02	77.56 3.30 0.00	122.67 6.14 0.00	44.86 1.98 0.00	36.49 1.32 0.00	36.91 1.57 0.00
PIERCEFIELD___HYD 23852	37.90 -0.35 0.00	35.51 -0.65 0.00	36.02 -0.62 0.00	40.51 -0.39 0.00	41.65 -0.26 0.00	37.73 -0.05 0.00	243.69 0.35 -185.40	68.35 -0.03 -0.01	89.14 0.07 0.00	31.45 -0.10 0.00	28.28 -0.34 0.00	29.38 -0.49 0.00	32.88 -0.67 0.00	37.28 -0.87 0.00	35.94 -0.88 0.00	33.67 -0.72 0.00	34.56 -0.62 0.00	37.04 -0.54 0.00	43.17 -0.66 0.00	73.65 -0.60 0.00	116.00 -0.54 0.00	42.56 -0.31 0.00	34.83 -0.33 0.00	35.06 -0.28 0.00
PINELAWN_CC_1 323563	39.83 1.58 0.00	37.47 1.31 0.00	37.93 1.29 0.00	42.33 1.44 0.00	43.36 1.45 0.00	39.28 1.49 0.00	60.90 2.96 0.00	71.96 3.58 0.00	92.87 3.81 0.00	33.19 1.64 0.00	30.19 1.58 0.00	31.29 1.43 0.00	35.12 1.57 0.00	40.02 1.86 0.00	39.08 2.03 -0.23	43.41 2.36 -6.66	39.33 2.52 -1.64	46.24 2.67 -5.98	49.57 3.06 -2.70	79.11 4.85 0.00	123.57 7.05 0.00	45.16 2.29 0.00	36.88 1.71 0.00	37.23 1.55 -0.34
PJM_GEN_HTP_PROXY 323702	39.44 1.19 0.00	37.31 1.15 0.00	37.73 1.09 0.00	42.02 1.12 0.00	43.06 1.15 0.00	39.00 1.22 0.00	60.29 2.35 0.00	71.70 3.32 0.00	66.18 3.85 26.74	33.01 1.47 0.00	30.05 1.44 0.00	31.28 1.41 0.00	35.14 1.59 0.00	40.08 1.92 0.00	38.77 1.95 0.00	36.27 1.88 0.00	37.25 2.07 0.00	39.70 2.12 0.00	46.33 2.51 0.00	78.35 4.09 0.00	122.41 5.88 0.00	45.08 2.21 0.00	36.92 1.75 0.00	36.86 1.52 0.00
PJM_GEN_KEystone 24065	38.21 -0.04 0.00	36.20 0.04 0.00	36.68 0.04 0.00	40.76 -0.14 0.00	41.78 -0.13 0.00	37.74 -0.04 0.00	57.64 -0.29 0.00	68.01 -0.37 0.00	61.86 -0.47 26.74	31.35 -0.20 0.00	28.50 -0.12 0.00	29.73 -0.14 0.00	33.54 -0.01 0.00	38.12 -0.03 0.00	36.69 -0.13 0.00	34.26 -0.13 0.00	35.06 -0.12 0.00	37.32 -0.26 0.00	43.55 -0.27 0.00	73.93 -0.32 0.00	116.05 -0.48 0.00	42.57 -0.31 0.00	34.97 -0.20 0.00	35.18 -0.16 0.00
PJM_GEN_NEPTUNE_PROXY 323594	39.51 1.26 0.00	37.23 1.07 0.00	37.67 1.03 0.00	42.03 1.13 0.00	43.04 1.13 0.00	38.96 1.18 0.00	60.33 2.39 0.00	71.37 2.98 0.00	65.51 3.18 26.74	32.94 1.39 0.00	30.00 1.39 0.00	31.15 1.29 0.00	34.98 1.43 0.00	39.85 1.69 0.00	38.63 1.81 0.00	36.40 2.01 0.00	37.34 2.16 0.00	39.85 2.27 0.00	46.42 2.60 0.00	78.29 4.04 0.00	122.32 5.79 0.00	44.83 1.95 0.00	36.66 1.49 0.00	36.68 1.35 0.00
PJM_GEN_VFT_PROXY 323633	39.19 0.94 0.00	37.10 0.94 0.00	37.51 0.87 0.00	41.78 0.88 0.00	42.82 0.91 0.00	38.80 1.01 0.00	59.96 2.02 0.00	71.31 2.93 0.00	65.56 3.23 26.74	32.82 1.28 0.00	29.87 1.26 0.00	31.07 1.21 0.00	34.92 1.36 0.00	39.82 1.66 0.00	38.53 1.71 0.00	36.06 1.68 0.00	37.05 1.87 0.00	39.50 1.91 0.00	46.07 2.25 0.00	77.91 3.66 0.00	121.72 5.19 0.00	44.86 1.98 0.00	36.74 1.57 0.00	36.67 1.34 0.00
PLATSBURG_115KV_PMLD1 355749	38.44 0.19 0.00	36.06 -0.10 0.00	36.70 0.06 0.00	41.71 0.81 0.00	43.09 1.19 0.00	39.11 1.33 0.00	165.28 2.48 -104.86	70.21 1.83 0.00	92.33 3.27 0.00	32.41 0.87 0.00	29.02 0.40 0.00	30.15 0.28 0.00	33.57 0.02 0.00	38.16 0.01 0.00	36.80 -0.02 0.00	34.67 0.28 0.00	35.47 0.29 0.00	38.05 0.47 0.00	44.31 0.49 0.00	74.60 0.35 0.00	116.95 0.41 0.00	43.09 0.21 0.00	35.37 0.20 0.00	35.78 0.45 0.00
PLEASANTVLY___LBMP 24000	39.08 0.83 0.00	36.99 0.83 0.00	37.44 0.79 0.00	41.72 0.82 0.00	42.72 0.82 0.00	38.64 0.85 0.00	59.59 1.65 0.00	70.68 2.30 0.00	91.65 2.59 0.00	32.51 0.96 0.00	29.53 0.91 0.00	30.78 0.91 0.00	34.63 1.08 0.00	39.51 1.35 0.00	38.19 1.37 0.00	35.74 1.35 0.00	36.66 1.48 0.00	39.15 1.57 0.00	45.68 1.86 0.00	77.26 3.00 0.00	120.78 4.26 0.00	44.47 1.60 0.00	36.41 1.24 0.00	36.40 1.06 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	39.32 1.07 0.00	37.22 1.06 0.00	37.69 1.05 0.00	41.99 1.09 0.00	43.00 1.09 0.00	38.91 1.13 0.00	60.10 2.16 0.00	71.32 2.94 0.00	92.40 3.34 0.00	32.83 1.28 0.00	29.83 1.22 0.00	31.07 1.21 0.00	34.93 1.38 0.00	39.84 1.69 0.00	38.53 1.71 0.00	36.06 1.67 0.00	37.02 1.84 0.00	39.51 1.93 0.00	46.10 2.28 0.00	77.94 3.69 0.00	121.84 5.31 0.00	44.86 1.98 0.00	36.73 1.56 0.00	36.69 1.36 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	39.32 1.07 0.00	37.22 1.06 0.00	37.69 1.05 0.00	41.99 1.09 0.00	43.00 1.09 0.00	38.91 1.13 0.00	60.10 2.16 0.00	71.32 2.94 0.00	92.40 3.34 0.00	32.83 1.28 0.00	29.83 1.22 0.00	31.07 1.21 0.00	34.93 1.38 0.00	39.84 1.69 0.00	38.53 1.71 0.00	36.06 1.67 0.00	37.02 1.84 0.00	39.51 1.93 0.00	46.10 2.28 0.00	77.94 3.69 0.00	121.84 5.31 0.00	44.86 1.98 0.00	36.73 1.56 0.00	36.69 1.36 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	39.34 1.09 0.00	37.23 1.07 0.00	37.67 1.03 0.00	41.99 1.09 0.00	43.01 1.10 0.00	38.91 1.13 0.00	60.08 2.14 0.00	71.30 2.92 0.00	92.41 3.35 0.00	32.73 1.18 0.00	29.67 1.06 0.00	30.90 1.04 0.00	34.80 1.25 0.00	39.75 1.59 0.00	38.43 1.61 0.00	35.95 1.57 0.00	36.91 1.73 0.00	39.44 1.86 0.00	46.07 2.25 0.00	77.95 3.70 0.00	121.89 5.37 0.00	44.85 1.98 0.00	36.70 1.53 0.00	36.67 1.34 0.00
POLETTI___ 23519	39.37 1.13 0.00	37.26 1.10 0.00	37.66 1.02 0.00	41.92 1.02 0.00	42.96 1.05 0.00	38.94 1.16 0.00	60.14 2.20 0.00	71.56 3.18 0.00	92.70 3.64 0.00	32.97 1.43 0.00	30.04 1.43 0.00	31.26 1.39 0.00	35.13 1.58 0.00	40.04 1.88 0.00	38.74 1.92 0.00	36.26 1.87 0.00	37.25 2.07 0.00	39.70 2.12 0.00	46.29 2.47 0.00	78.23 3.98 0.00	122.20 5.67 0.00	45.04 2.17 0.00	36.90 1.73 0.00	36.85 1.51 0.00
POMONA___ESR 323819	39.09 0.84 0.00	37.01 0.85 0.00	37.46 0.82 0.00	41.74 0.84 0.00	42.79 0.88 0.00	38.74 0.96 0.00	59.77 1.83 0.00	70.90 2.52 0.00	91.88 2.82 0.00	32.61 1.06 0.00	29.59 0.98 0.00	30.81 0.94 0.00	34.68 1.13 0.00	39.57 1.41 0.00	38.27 1.45 0.00	35.83 1.44 0.00	36.76 1.58 0.00	39.25 1.67 0.00	45.83 2.01 0.00	77.54 3.29 0.00	121.27 4.74 0.00	44.65 1.78 0.00	36.55 1.38 0.00	36.51 1.17 0.00
PORT_JEFF_3 23555	39.91 1.67 0.00	37.44 1.28 0.00	37.91 1.27 0.00	42.41 1.52 0.00	43.46 1.55 0.00	39.41 1.63 0.00	61.14 3.21 0.00	72.00 3.61 0.00	92.81 3.75 0.00	33.19 1.65 0.00	30.24 1.63 0.00	31.20 1.33 0.00	35.00 1.45 0.00	39.85 1.70 0.00	38.81 1.87 -0.11	39.85 2.25 -3.21	38.51 2.54 -0.79	43.12 2.65 -2.89	48.21 3.09 -1.29	79.01 4.75 0.00	123.34 6.81 0.00	44.89 2.01 0.00	36.64 1.48 0.00	36.78 1.29 -0.16

PORT_JEFF_4 23616	39.82 1.57 0.00	37.36 1.20 0.00	37.83 1.18 0.00	42.33 1.44 0.00	43.37 1.46 0.00	39.32 1.53 0.00	60.98 3.04 0.00	71.79 3.40 0.00	92.54 3.48 0.00	33.10 1.56 0.00	30.17 1.56 0.00	31.12 1.26 0.00	34.92 1.37 0.00	39.76 1.60 0.00	38.71 1.78 -0.11	39.59 2.13 -3.07	38.34 2.41 -0.75	42.87 2.53 -2.76	48.07 3.00 -1.25	79.01 4.75 0.00	123.34 6.81 0.00	44.89 2.01 0.00	36.64 1.48 0.00	36.78 1.29 -0.16
PORT_JEFF_IC 23713	39.89 1.65 0.00	37.41 1.24 0.00	37.88 1.23 0.00	42.38 1.48 0.00	43.42 1.51 0.00	39.38 1.60 0.00	61.09 3.15 0.00	71.93 3.55 0.00	92.70 3.64 0.00	33.17 1.62 0.00	30.21 1.60 0.00	31.17 1.31 0.00	34.98 1.43 0.00	39.83 1.67 0.00	38.78 1.85 -0.11	39.82 2.22 -3.21	38.47 2.50 -0.79	43.09 2.63 -2.89	48.19 3.07 -1.30	79.04 4.78 0.00	123.43 6.91 0.00	44.91 2.03 0.00	36.65 1.48 0.00	36.24 1.31 0.40
PPL PILGRIM_ST_GT1 24216	40.01 1.76 0.00	37.58 1.42 0.00	38.08 1.43 0.00	42.54 1.64 0.00	43.56 1.65 0.00	39.47 1.69 0.00	61.19 3.25 0.00	71.99 3.61 0.00	92.91 3.85 0.00	33.33 1.78 0.00	30.34 1.73 0.00	31.42 1.56 0.00	35.21 1.66 0.00	40.09 1.94 0.00	39.04 2.09 -0.13	40.52 2.46 -3.67	38.77 2.69 -0.90	43.70 2.82 -3.30	48.53 3.22 -1.49	79.37 5.11 0.00	123.95 7.42 0.00	45.20 2.33 0.00	36.91 1.74 0.00	37.11 1.59 -0.19
PPL PILGRIM_ST_GT2 24217	40.01 1.76 0.00	37.58 1.42 0.00	38.08 1.43 0.00	42.54 1.64 0.00	43.56 1.65 0.00	39.47 1.69 0.00	61.19 3.25 0.00	71.99 3.61 0.00	92.91 3.85 0.00	33.33 1.78 0.00	30.34 1.73 0.00	31.42 1.56 0.00	35.21 1.66 0.00	40.09 1.94 0.00	39.04 2.09 -0.13	40.52 2.46 -3.67	38.77 2.69 -0.90	43.70 2.82 -3.30	48.53 3.22 -1.49	79.37 5.11 0.00	123.95 7.42 0.00	45.20 2.33 0.00	36.91 1.74 0.00	37.11 1.59 -0.19
PPL_SHRM_GT3 24213	39.65 1.40 0.00	37.08 0.92 0.00	37.54 0.90 0.00	42.16 1.26 0.00	43.21 1.31 0.00	39.20 1.42 0.00	60.81 2.87 0.00	71.31 2.93 0.00	91.61 2.55 0.00	32.76 1.21 0.00	29.93 1.31 0.00	30.70 0.84 0.00	34.46 0.91 0.00	39.24 1.09 0.00	38.23 1.30 -0.11	39.19 1.67 -3.14	37.94 1.99 -0.77	42.52 2.12 -2.82	47.85 2.76 -1.27	78.54 4.29 0.00	122.57 6.04 0.00	44.33 1.45 0.00	36.17 1.01 0.00	31.30 0.79 4.83
PPL_SHRM_GT4 24214	39.65 1.40 0.00	37.08 0.92 0.00	37.54 0.90 0.00	42.16 1.26 0.00	43.21 1.31 0.00	39.20 1.42 0.00	60.81 2.87 0.00	71.31 2.93 0.00	91.61 2.55 0.00	32.76 1.21 0.00	29.93 1.31 0.00	30.70 0.84 0.00	34.46 0.91 0.00	39.24 1.09 0.00	38.23 1.30 -0.11	39.19 1.67 -3.14	37.94 1.99 -0.77	42.52 2.12 -2.82	47.85 2.76 -1.27	78.54 4.29 0.00	122.57 6.04 0.00	44.33 1.45 0.00	36.17 1.01 0.00	31.30 0.79 4.83
PROJECT___ORANGE 1 24174	38.08 -0.17 0.00	36.03 -0.13 0.00	36.51 -0.13 0.00	40.64 -0.26 0.00	41.65 -0.26 0.00	37.51 -0.27 0.00	62.78 -0.58 -5.43	67.66 -0.72 0.00	88.16 -0.90 0.00	31.29 -0.26 0.00	28.43 -0.18 0.00	29.64 -0.23 0.00	33.32 -0.22 0.00	37.83 -0.33 0.00	36.49 -0.33 0.00	34.05 -0.34 0.00	34.81 -0.37 0.00	37.18 -0.40 0.00	43.40 -0.42 0.00	73.59 -0.66 0.00	115.63 -0.90 0.00	42.44 -0.43 0.00	34.86 -0.31 0.00	35.08 -0.26 0.00
PROJECT___ORANGE 2 24166	38.08 -0.17 0.00	36.03 -0.13 0.00	36.51 -0.13 0.00	40.64 -0.26 0.00	41.65 -0.26 0.00	37.51 -0.27 0.00	62.78 -0.58 -5.43	67.66 -0.72 0.00	88.16 -0.90 0.00	31.29 -0.26 0.00	28.43 -0.18 0.00	29.64 -0.23 0.00	33.32 -0.22 0.00	37.83 -0.33 0.00	36.49 -0.33 0.00	34.05 -0.34 0.00	34.81 -0.37 0.00	37.18 -0.40 0.00	43.40 -0.42 0.00	73.59 -0.66 0.00	115.63 -0.90 0.00	42.44 -0.43 0.00	34.86 -0.31 0.00	35.08 -0.26 0.00
PUCKETT___SOLAR 323809	39.01 0.76 0.00	36.98 0.82 0.00	37.50 0.86 0.00	41.77 0.87 0.00	42.84 0.93 0.00	38.65 0.87 0.00	59.33 1.39 0.00	69.93 1.55 0.00	90.95 1.89 0.00	31.94 0.39 0.00	29.06 0.44 0.00	30.29 0.42 0.00	34.03 0.48 0.00	38.62 0.46 0.00	36.84 0.02 0.00	34.48 0.09 0.00	35.10 -0.08 0.00	37.69 0.11 0.00	44.17 0.35 0.00	74.90 0.65 0.00	117.77 1.24 0.00	43.20 0.32 0.00	35.35 0.18 0.00	35.61 0.28 0.00
PYRITES___HYD 24023	38.95 0.70 0.00	36.51 0.35 0.00	37.00 0.36 0.00	41.60 0.70 0.00	42.76 0.85 0.00	38.74 0.96 0.00	253.83 2.05 -193.84	70.40 2.02 -0.01	91.75 2.69 0.00	32.17 0.62 0.00	28.85 0.23 0.00	29.94 0.08 0.00	33.57 0.02 0.00	38.04 -0.12 0.00	36.68 -0.14 0.00	34.46 0.07 0.00	35.39 0.21 0.00	38.02 0.44 0.00	44.35 0.53 0.00	75.85 1.60 0.00	119.49 2.96 0.00	43.81 0.93 0.00	35.83 0.66 0.00	36.03 0.70 0.00
QUAKERRD_115KV_BK1 80622	37.23 -1.02 0.00	35.22 -0.95 0.00	35.67 -0.97 0.00	40.61 -1.31 0.00	40.61 -1.29 0.00	36.70 -1.08 0.00	55.73 -2.21 0.00	65.54 -2.84 0.00	85.79 -3.27 0.00	30.38 -1.16 0.00	27.64 -0.97 0.00	28.83 -1.04 0.00	32.42 -1.13 0.00	36.71 -1.45 0.00	35.29 -1.53 0.00	32.89 -1.51 0.00	33.54 -1.64 0.00	35.68 -1.90 0.00	41.74 -2.08 0.00	70.78 -3.47 0.00	111.76 -4.77 0.00	40.89 -1.99 0.00	33.70 -1.46 0.00	34.06 -1.27 0.00
QUENSBRY_115KV_TB8 356137	39.33 1.09 0.00	37.22 1.06 0.00	37.73 1.09 0.00	42.23 1.33 0.00	43.23 1.33 0.00	39.17 1.38 0.00	60.55 2.61 0.00	71.18 2.80 0.00	92.28 3.22 0.00	32.18 0.63 0.00	29.03 0.42 0.00	30.37 0.50 0.00	34.08 0.53 0.00	38.86 0.71 0.00	37.60 0.78 0.00	35.39 1.00 0.00	36.27 1.09 0.00	39.05 1.47 0.00	45.67 1.85 0.00	77.67 3.41 0.00	121.57 5.04 0.00	44.59 1.72 0.00	36.43 1.26 0.00	36.42 1.09 0.00
RAMAPO___LBMP 323565	38.93 0.69 0.00	36.87 0.71 0.00	37.33 0.69 0.00	41.59 0.69 0.00	42.63 0.72 0.00	38.57 0.79 0.00	59.47 1.53 0.00	70.53 2.15 0.00	91.36 2.30 0.00	32.42 0.87 0.00	29.42 0.81 0.00	30.64 0.78 0.00	34.50 0.95 0.00	39.37 1.22 0.00	38.09 1.27 0.00	35.66 1.27 0.00	36.58 1.40 0.00	39.06 1.48 0.00	45.60 1.78 0.00	77.18 2.93 0.00	120.69 4.16 0.00	44.45 1.57 0.00	36.38 1.21 0.00	36.36 1.02 0.00
RANKINE____ 23646	38.10 -0.15 0.00	35.98 -0.18 0.00	36.44 -0.20 0.00	40.22 -0.68 0.00	41.24 -0.67 0.00	37.39 -0.39 0.00	55.98 -1.96 0.00	65.47 -2.91 0.00	86.48 -2.58 0.00	30.52 -1.02 0.00	27.87 -0.74 0.00	29.00 -0.86 0.00	31.13 -0.87 1.55	35.85 -1.21 1.10	34.78 -1.48 0.56	32.59 -1.51 0.28	33.01 -1.77 0.40	31.07 -2.36 4.15	37.96 -2.61 3.26	70.16 -4.09 0.00	111.17 -5.36 0.00	40.52 -2.36 0.00	33.66 -1.51 0.00	34.23 -1.11 0.00
RAVENSWOOD_GT2_1 24244	39.48 1.23 0.00	37.35 1.19 0.00	37.77 1.13 0.00	42.07 1.17 0.00	43.11 1.20 0.00	39.05 1.27 0.00	60.32 2.38 0.00	71.76 3.38 0.00	92.93 3.87 0.00	33.03 1.49 0.00	30.07 1.46 0.00	31.29 1.42 0.00	35.17 1.62 0.00	40.11 1.95 0.00	38.79 1.97 0.00	36.31 1.92 0.00	37.30 2.12 0.00	39.77 2.19 0.00	46.39 2.57 0.00	78.42 4.16 0.00	122.51 5.98 0.00	45.12 2.25 0.00	36.94 1.77 0.00	36.89 1.56 0.00



RAVENSWOOD_GT2_2 24245	39.48 1.23 0.00	37.35 1.19 0.00	37.77 1.13 0.00	42.07 1.17 0.00	43.11 1.20 0.00	39.05 1.27 0.00	60.32 2.38 0.00	71.76 3.38 0.00	92.93 3.87 0.00	33.03 1.49 0.00	30.07 1.46 0.00	31.29 1.42 0.00	35.17 1.62 0.00	40.11 1.95 0.00	38.79 1.97 0.00	36.31 1.92 0.00	37.30 2.12 0.00	39.77 2.19 0.00	46.39 2.57 0.00	78.42 4.16 0.00	122.51 5.98 0.00	45.12 2.25 0.00	36.94 1.77 0.00	36.89 1.56 0.00
RAVENSWOOD_GT2_3 24246	39.48 1.24 0.00	37.37 1.21 0.00	37.80 1.16 0.00	42.08 1.19 0.00	43.12 1.22 0.00	39.07 1.29 0.00	60.34 2.41 0.00	71.76 3.38 0.00	92.96 3.90 0.00	33.05 1.51 0.00	30.08 1.47 0.00	31.31 1.45 0.00	35.19 1.64 0.00	40.12 1.96 0.00	38.82 2.00 0.00	36.33 1.94 0.00	37.31 2.13 0.00	39.78 2.20 0.00	46.41 2.59 0.00	78.45 4.20 0.00	122.57 6.04 0.00	45.15 2.27 0.00	36.97 1.80 0.00	36.91 1.57 0.00
RAVENSWOOD_GT2_4 24247	39.48 1.24 0.00	37.37 1.21 0.00	37.80 1.16 0.00	42.08 1.19 0.00	43.12 1.22 0.00	39.07 1.29 0.00	60.34 2.41 0.00	71.76 3.38 0.00	92.96 3.90 0.00	33.05 1.51 0.00	30.08 1.47 0.00	31.31 1.45 0.00	35.19 1.64 0.00	40.12 1.96 0.00	38.82 2.00 0.00	36.33 1.94 0.00	37.31 2.13 0.00	39.78 2.20 0.00	46.41 2.59 0.00	78.45 4.20 0.00	122.57 6.04 0.00	45.15 2.27 0.00	36.97 1.80 0.00	36.91 1.57 0.00
RAVENSWOOD_GT3_1 24248	39.48 1.23 0.00	37.35 1.19 0.00	37.77 1.13 0.00	42.07 1.17 0.00	43.11 1.20 0.00	39.05 1.27 0.00	60.32 2.38 0.00	71.76 3.38 0.00	92.93 3.87 0.00	33.03 1.49 0.00	30.07 1.46 0.00	31.29 1.42 0.00	35.17 1.62 0.00	40.11 1.95 0.00	38.79 1.97 0.00	36.31 1.93 0.00	37.30 2.12 0.00	39.77 2.19 0.00	46.39 2.57 0.00	78.42 4.16 0.00	122.51 5.98 0.00	45.13 2.25 0.00	36.94 1.77 0.00	36.90 1.56 0.00
RAVENSWOOD_GT3_2 24249	39.48 1.23 0.00	37.35 1.19 0.00	37.77 1.13 0.00	42.07 1.17 0.00	43.11 1.20 0.00	39.05 1.27 0.00	60.32 2.38 0.00	71.76 3.38 0.00	92.93 3.87 0.00	33.03 1.49 0.00	30.07 1.46 0.00	31.29 1.42 0.00	35.17 1.62 0.00	40.11 1.95 0.00	38.79 1.97 0.00	36.31 1.93 0.00	37.30 2.12 0.00	39.77 2.19 0.00	46.39 2.57 0.00	78.42 4.16 0.00	122.51 5.98 0.00	45.13 2.25 0.00	36.94 1.77 0.00	36.90 1.56 0.00
RAVENSWOOD_GT3_3 24250	39.52 1.28 0.00	37.41 1.24 0.00	37.83 1.20 0.00	42.13 1.23 0.00	43.17 1.26 0.00	39.11 1.32 0.00	60.41 2.47 0.00	71.85 3.47 0.00	93.08 4.02 0.00	33.09 1.55 0.00	30.12 1.51 0.00	31.35 1.48 0.00	35.23 1.68 0.00	40.16 2.01 0.00	38.86 2.03 0.00	36.36 1.97 0.00	37.35 2.17 0.00	39.83 2.25 0.00	46.47 2.65 0.00	78.54 4.29 0.00	122.69 6.16 0.00	45.21 2.33 0.00	37.00 1.83 0.00	36.94 1.61 0.00
RAVENSWOOD_GT3_4 24251	39.52 1.28 0.00	37.41 1.24 0.00	37.83 1.20 0.00	42.13 1.23 0.00	43.17 1.26 0.00	39.11 1.32 0.00	60.41 2.47 0.00	71.85 3.47 0.00	93.08 4.02 0.00	33.09 1.55 0.00	30.12 1.51 0.00	31.35 1.48 0.00	35.23 1.68 0.00	40.16 2.01 0.00	38.86 2.03 0.00	36.36 1.97 0.00	37.35 2.17 0.00	39.83 2.25 0.00	46.47 2.65 0.00	78.54 4.29 0.00	122.69 6.16 0.00	45.21 2.33 0.00	37.00 1.83 0.00	36.94 1.61 0.00
RAVENSWOOD_GT_1 23729	43.22 1.41 -3.56	41.23 1.35 -3.72	41.46 1.31 -3.51	44.88 1.36 -2.63	45.71 1.38 -2.42	42.67 1.43 -3.45	60.97 2.68 -0.36	74.35 3.75 -2.23	110.92 4.40 -17.46	65.05 1.67 -31.83	68.39 1.63 -38.15	57.95 1.60 -26.49	40.69 1.82 -5.31	44.92 2.17 -4.59	45.43 2.19 -6.42	42.23 2.12 -5.72	75.84 2.32 -38.34	48.44 2.40 -8.46	49.64 2.83 -3.00	80.84 4.50 -2.08	125.38 6.53 -2.33	56.11 2.49 -10.75	42.27 1.97 -5.14	41.19 1.73 -4.13
RAVENSWOOD_GT_10 24258	39.89 1.23 -0.41	37.77 1.18 -0.43	38.17 1.13 -0.41	42.37 1.17 -0.30	43.39 1.20 -0.28	39.43 1.26 -0.38	60.35 2.37 -0.04	71.81 3.36 -0.07	91.60 3.86 1.32	31.60 1.48 1.43	27.95 1.45 2.12	30.67 1.42 0.62	35.53 1.61 -0.37	40.42 1.94 -0.32	39.24 1.97 -0.45	36.62 1.91 -0.31	35.29 2.11 1.99	39.74 2.18 0.02	46.61 2.57 -0.22	78.65 4.16 -0.24	122.76 5.96 -0.27	46.36 2.24 -1.24	37.53 1.77 -0.59	37.36 1.55 -0.48
RAVENSWOOD_GT_11 24259	39.89 1.23 -0.41	37.77 1.18 -0.43	38.17 1.13 -0.41	42.37 1.17 -0.30	43.39 1.20 -0.28	39.43 1.26 -0.38	60.35 2.37 -0.04	71.81 3.36 -0.07	91.60 3.86 1.32	31.60 1.48 1.43	27.95 1.45 2.12	30.67 1.42 0.62	35.53 1.61 -0.37	40.42 1.94 -0.32	39.24 1.97 -0.45	36.62 1.91 -0.31	35.29 2.11 1.99	39.74 2.18 0.02	46.61 2.57 -0.22	78.65 4.16 -0.24	122.76 5.96 -0.27	46.36 2.24 -1.24	37.53 1.77 -0.59	37.36 1.55 -0.48
RAVENSWOOD_GT_4 24252	42.17 1.21 -2.71	40.16 1.17 -2.83	40.43 1.11 -2.68	44.05 1.15 -2.00	44.93 1.18 -1.85	41.56 1.25 -2.54	60.52 2.34 -0.24	72.14 3.31 -0.45	84.14 3.80 8.72	23.57 1.47 9.44	16.06 1.43 13.98	27.18 1.40 4.08	37.60 1.59 -2.45	42.20 1.92 -2.12	41.74 1.95 -2.97	38.35 1.90 -2.06	24.12 2.08 13.15	39.60 2.16 0.14	47.84 2.53 -1.49	79.96 4.12 -1.59	124.21 5.91 -1.77	53.27 2.21 -8.18	40.83 1.75 -3.91	40.01 1.53 -3.14
RAVENSWOOD_GT_5 24254	42.17 1.21 -2.71	40.16 1.17 -2.83	40.43 1.11 -2.68	44.05 1.15 -2.00	44.93 1.18 -1.85	41.56 1.25 -2.54	60.52 2.34 -0.24	72.14 3.31 -0.45	84.14 3.80 8.72	23.57 1.47 9.44	16.06 1.43 13.98	27.18 1.40 4.08	37.60 1.59 -2.45	42.20 1.92 -2.12	41.74 1.95 -2.97	38.35 1.90 -2.06	24.12 2.08 13.15	39.60 2.16 0.14	47.84 2.53 -1.49	79.96 4.12 -1.59	124.21 5.91 -1.77	53.27 2.21 -8.18	40.83 1.75 -3.91	40.01 1.53 -3.14
RAVENSWOOD_GT_6 24253	42.17 1.21 -2.71	40.16 1.17 -2.83	40.43 1.11 -2.68	44.05 1.15 -2.00	44.93 1.18 -1.85	41.56 1.25 -2.54	60.52 2.34 -0.24	72.14 3.31 -0.45	84.14 3.80 8.72	23.57 1.47 9.44	16.06 1.43 13.98	27.18 1.40 4.08	37.60 1.59 -2.45	42.20 1.92 -2.12	41.74 1.95 -2.97	38.35 1.90 -2.06	24.12 2.08 13.15	39.60 2.16 0.14	47.84 2.53 -1.49	79.96 4.12 -1.59	124.21 5.91 -1.77	53.27 2.21 -8.18	40.83 1.75 -3.91	40.01 1.53 -3.14
RAVENSWOOD_GT_7 24255	42.17 1.21 -2.71	40.16 1.17 -2.83	40.43 1.11 -2.68	44.05 1.15 -2.00	44.93 1.18 -1.85	41.56 1.25 -2.54	60.52 2.34 -0.24	72.14 3.31 -0.45	84.14 3.80 8.72	23.57 1.47 9.44	16.06 1.43 13.98	27.18 1.40 4.08	37.60 1.59 -2.45	42.20 1.92 -2.12	41.74 1.95 -2.97	38.35 1.90 -2.06	24.12 2.08 13.15	39.60 2.16 0.14	47.84 2.53 -1.49	79.96 4.12 -1.59	124.21 5.91 -1.77	53.27 2.21 -8.18	40.83 1.75 -3.91	40.01 1.53 -3.14
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	39.89 1.23 -0.41	37.77 1.18 -0.43	38.17 1.13 -0.41	42.37 1.17 -0.30	43.39 1.20 -0.28	39.43 1.26 -0.38	60.35 2.37 -0.04	71.81 3.36 -0.07	91.60 3.86 1.32	31.60 1.48 1.43	27.95 1.45 2.12	30.67 1.42 0.62	35.53 1.61 -0.37	40.42 1.94 -0.32	39.24 1.97 -0.45	36.62 1.91 -0.31	35.29 2.11 1.99	39.74 2.18 0.02	46.61 2.57 -0.22	78.65 4.16 -0.24	122.76 5.96 -0.27	46.36 2.24 -1.24	37.53 1.77 -0.59	37.36 1.55 -0.48

RAVENSWOOD_GT_9 24257	39.89 1.23 -0.41	37.77 1.18 -0.43	38.17 1.13 -0.41	42.37 1.17 -0.30	43.39 1.20 -0.28	39.43 1.26 -0.38	60.35 2.37 -0.04	71.81 3.36 -0.07	91.60 3.86 1.32	31.60 1.48 1.43	27.95 1.45 2.12	30.67 1.42 0.62	35.53 1.61 -0.37	40.42 1.94 -0.32	39.24 1.97 -0.45	36.62 1.91 -0.31	35.29 2.11 1.99	39.74 2.18 0.02	46.61 2.57 -0.22	78.65 4.16 -0.24	122.76 5.96 -0.27	46.36 2.24 -1.24	37.53 1.77 -0.59	37.36 1.55 -0.48
RAVENSWOOD___1 23533	36.07 1.33 3.51	33.80 1.30 3.66	34.42 1.24 3.46	39.60 1.30 2.59	40.83 1.31 2.39	35.89 1.38 3.28	60.22 2.59 0.31	71.44 3.64 0.58	104.60 4.25 -11.28	45.37 1.62 -12.21	48.27 1.57 -18.08	36.69 1.55 -5.27	32.12 1.74 3.17	37.49 2.08 2.75	35.09 2.11 3.84	33.77 2.05 2.67	54.43 2.25 -17.00	40.08 2.32 -0.18	44.63 2.73 1.92	76.58 4.38 2.05	120.58 6.34 2.29	34.71 2.41 10.58	32.03 1.91 5.05	32.95 1.67 4.06
RAVENSWOOD___2 23534	36.07 1.33 3.51	33.80 1.30 3.66	34.42 1.24 3.46	39.60 1.30 2.59	40.83 1.31 2.39	35.89 1.38 3.28	60.22 2.59 0.31	71.44 3.64 0.58	104.60 4.25 -11.28	45.37 1.62 -12.21	48.27 1.57 -18.08	36.69 1.55 -5.27	32.12 1.74 3.17	37.49 2.08 2.75	35.09 2.11 3.84	33.77 2.05 2.67	54.43 2.25 -17.00	40.08 2.32 -0.18	44.63 2.73 1.92	76.58 4.38 2.05	120.58 6.34 2.29	34.71 2.41 10.58	32.03 1.91 5.05	32.95 1.67 4.06
RAVENSWOOD___3 23535	39.47 1.22 0.00	37.35 1.19 0.00	37.77 1.13 0.00	42.07 1.17 0.00	43.11 1.20 0.00	39.05 1.27 0.00	60.32 2.38 0.00	71.75 3.38 0.00	92.96 3.90 0.00	33.04 1.49 0.00	30.07 1.46 0.00	31.29 1.42 0.00	35.17 1.63 0.00	40.10 1.95 0.00	38.80 1.98 0.00	36.31 1.93 0.00	37.29 2.11 0.00	39.76 2.18 0.00	46.38 2.56 0.00	78.41 4.16 0.00	122.53 6.00 0.00	45.13 2.25 0.00	36.96 1.79 0.00	36.89 1.56 0.00
RAVENSWOOD___4 23820	36.07 1.33 3.51	33.80 1.30 3.66	34.42 1.24 3.46	39.60 1.30 2.59	40.83 1.31 2.39	35.89 1.38 3.28	60.22 2.59 0.31	71.44 3.64 0.58	104.60 4.25 -11.28	45.37 1.62 -12.21	48.27 1.57 -18.08	36.69 1.55 -5.27	32.12 1.74 3.17	37.49 2.08 2.75	35.09 2.11 3.84	33.77 2.05 2.67	54.43 2.25 -17.00	40.08 2.32 -0.18	44.63 2.73 1.92	76.58 4.38 2.05	120.58 6.34 2.29	34.71 2.41 10.58	32.03 1.91 5.05	32.95 1.67 4.06
RCPL_TRUST___DRP 24196	39.44 1.19 0.00	37.31 1.15 0.00	37.73 1.09 0.00	42.02 1.12 0.00	43.06 1.15 0.00	39.01 1.23 0.00	60.28 2.34 0.00	71.70 3.32 0.00	92.89 3.83 0.00	33.01 1.47 0.00	30.05 1.43 0.00	31.27 1.41 0.00	35.14 1.59 0.00	40.08 1.92 0.00	38.77 1.95 0.00	36.27 1.88 0.00	37.25 2.07 0.00	39.71 2.13 0.00	46.34 2.52 0.00	78.35 4.10 0.00	122.41 5.88 0.00	45.08 2.21 0.00	36.91 1.74 0.00	36.86 1.53 0.00
RED___ROCHESTER 323720	38.23 -0.01 0.00	36.12 -0.04 0.00	36.58 -0.06 0.00	40.52 -0.38 0.00	41.59 -0.33 0.00	37.64 -0.14 0.00	56.92 -1.02 0.00	66.90 -1.49 0.00	87.76 -1.30 0.00	31.06 -0.48 0.00	28.29 -0.32 0.00	29.52 -0.35 0.00	33.11 -0.32 0.12	37.62 -0.53 0.00	36.12 -0.70 0.00	33.62 -0.77 0.00	34.28 -0.90 0.00	36.44 -1.14 0.00	42.66 -1.16 0.00	72.35 -1.90 0.00	114.40 -2.12 0.00	41.82 -1.06 0.00	34.49 -0.68 0.00	34.89 -0.45 0.00
REGAN___SOLAR 323812	40.71 2.46 0.00	38.47 2.31 0.00	38.96 2.32 0.00	43.50 2.60 0.00	44.64 2.74 0.00	40.37 2.58 0.00	62.11 4.17 0.00	72.96 4.58 0.00	92.79 3.73 0.00	31.83 0.28 0.00	28.84 0.22 0.00	30.21 0.34 0.00	34.28 0.73 0.00	38.62 0.47 0.00	37.75 0.93 0.00	34.62 0.23 0.00	35.76 0.58 0.00	38.49 0.91 0.00	46.24 2.42 0.00	79.39 5.14 0.00	124.91 8.38 0.00	45.94 3.07 0.00	37.54 2.37 0.00	37.66 2.32 0.00
RENSSELAER___COGEN 23796	38.52 0.27 0.00	36.50 0.34 0.00	36.94 0.30 0.00	41.22 0.32 0.00	42.20 0.29 0.00	38.01 0.22 0.00	58.30 0.36 0.00	68.83 0.45 0.00	89.34 0.28 0.00	31.70 0.15 0.00	28.70 0.09 0.00	29.96 0.09 0.00	33.67 0.12 0.00	38.69 0.53 0.00	37.34 0.52 0.00	34.85 0.47 0.00	35.66 0.48 0.00	38.13 0.55 0.00	44.44 0.61 0.00	75.16 0.90 0.00	117.62 1.09 0.00	43.35 0.48 0.00	35.53 0.36 0.00	35.50 0.17 0.00
REPUBLIC_115KV_BARTNBRK 55605	40.36 2.12 0.00	38.18 2.02 0.00	38.66 2.02 0.00	43.45 2.55 0.00	44.47 2.56 0.00	40.35 2.57 0.00	63.18 5.25 0.00	73.73 5.35 0.00	95.51 6.45 0.00	32.94 1.39 0.00	29.65 1.04 0.00	31.05 1.18 0.00	34.67 1.12 0.00	39.58 1.42 0.00	38.34 1.52 0.00	36.45 2.07 0.00	37.42 2.24 0.00	40.36 2.78 0.00	47.25 3.43 0.00	80.97 6.72 0.00	126.50 9.97 0.00	46.20 3.32 0.00	37.34 2.17 0.00	37.31 1.97 0.00
REVERE_CPPR_DRP 24186	39.49 1.24 0.00	37.27 1.11 0.00	37.76 1.12 0.00	42.14 1.24 0.00	43.28 1.37 0.00	39.20 1.42 0.00	77.34 2.41 -16.99	71.23 2.85 0.00	92.64 3.57 0.00	32.49 0.95 0.00	29.47 0.86 0.00	30.54 0.68 0.00	34.34 0.79 0.00	38.89 0.73 0.00	37.65 0.82 0.00	35.17 0.78 0.00	36.05 0.87 0.00	38.66 1.08 0.00	45.35 1.52 0.00	77.43 3.18 0.00	121.62 5.09 0.00	44.53 1.66 0.00	36.45 1.28 0.00	36.54 1.21 0.00
REYNOLDS_115KV_TB3 80639	38.77 0.53 0.00	36.73 0.57 0.00	37.20 0.55 0.00	41.50 0.61 0.00	42.50 0.58 0.00	38.30 0.52 0.00	58.71 0.77 0.00	69.27 0.89 0.00	89.97 0.90 0.00	31.92 0.37 0.00	28.88 0.26 0.00	30.14 0.27 0.00	33.89 0.34 0.00	38.92 0.76 0.00	37.59 0.76 0.00	35.13 0.74 0.00	35.90 0.72 0.00	38.37 0.79 0.00	44.74 0.92 0.00	75.64 1.39 0.00	118.38 1.85 0.00	43.64 0.77 0.00	35.73 0.56 0.00	35.73 0.39 0.00
RIVERBAY____ 323610	39.40 1.15 0.00	37.34 1.18 0.00	37.67 1.03 0.00	41.94 1.04 0.00	42.98 1.07 0.00	38.94 1.16 0.00	60.36 2.42 0.00	71.71 3.33 0.00	92.97 3.90 -0.01	33.03 1.49 0.01	30.07 1.46 0.00	31.27 1.41 0.00	35.16 1.61 -0.01	40.07 1.92 0.01	38.77 1.95 0.00	36.29 1.90 0.00	37.27 2.09 0.00	39.73 2.15 0.01	46.34 2.53 0.01	78.27 4.01 0.00	122.37 5.84 0.00	45.15 2.27 0.00	36.99 1.81 0.00	36.89 1.55 0.00
RIVERSDE_115KV_TB3 55908	38.70 0.45 0.00	36.66 0.50 0.00	37.11 0.47 0.00	41.40 0.50 0.00	42.39 0.48 0.00	38.20 0.42 0.00	58.57 0.63 0.00	69.14 0.76 0.00	89.76 0.70 0.00	31.87 0.33 0.00	28.85 0.24 0.00	30.10 0.24 0.00	33.85 0.30 0.00	38.90 0.74 0.00	37.55 0.73 0.00	35.07 0.68 0.00	35.82 0.64 0.00	38.30 0.72 0.00	44.66 0.84 0.00	75.50 1.25 0.00	118.17 1.64 0.00	43.56 0.69 0.00	35.68 0.51 0.00	35.67 0.33 0.00
ROARING___BROOK_WT_PWR 323790	37.78 -0.47 0.00	35.60 -0.56 0.00	36.26 -0.38 0.00	40.66 -0.23 0.00	41.75 -0.16 0.00	37.73 -0.05 0.00	53.02 0.08 5.00	68.42 0.04 0.00	89.08 0.02 0.00	31.43 -0.12 0.00	28.45 -0.17 0.00	29.66 -0.20 0.00	33.10 -0.45 0.00	37.57 -0.59 0.00	36.25 -0.57 0.00	33.72 -0.66 0.00	34.51 -0.67 0.00	37.02 -0.56 0.00	43.13 -0.69 0.00	73.53 -0.72 0.00	115.58 -0.95 0.00	42.56 -0.31 0.00	34.89 -0.28 0.00	35.06 -0.28 0.00

ROCHESRG_115KV_T4 355643	37.82 -0.42 0.00	35.76 -0.40 0.00	36.23 -0.42 0.00	40.12 -0.77 0.00	41.16 -0.74 0.00	37.22 -0.56 0.00	56.24 -1.70 0.00	66.05 -2.33 0.00	86.70 -2.36 0.00	30.70 -0.85 0.00	27.96 -0.66 0.00	29.16 -0.70 0.00	32.38 -0.71 0.46	36.87 -0.98 0.31	35.53 -1.13 0.16	33.17 -1.14 0.08	33.78 -1.29 0.11	34.80 -1.61 1.17	41.16 -1.74 0.92	71.40 -2.85 0.00	112.91 -3.62 0.00	41.30 -1.57 0.00	34.10 -1.07 0.00	34.50 -0.83 0.00
ROCHESTER_9_IC 23652	38.03 -0.21 0.00	35.95 -0.21 0.00	36.42 -0.22 0.00	40.34 -0.56 0.00	41.39 -0.51 0.00	37.45 -0.34 0.00	56.61 -1.33 0.00	66.50 -1.88 0.00	87.28 -1.79 0.00	30.89 -0.66 0.00	28.13 -0.48 0.00	29.35 -0.51 0.00	32.92 -0.51 0.12	37.41 -0.75 0.00	35.91 -0.91 0.00	33.44 -0.95 0.00	34.10 -1.08 0.00	36.19 -1.39 0.00	42.36 -1.46 0.00	71.90 -2.35 0.00	113.65 -2.88 0.00	41.57 -1.31 0.00	34.31 -0.86 0.00	34.71 -0.63 0.00
ROCKVIEW_13_KV_LD 356306	39.51 1.26 0.00	37.40 1.24 0.00	37.84 1.20 0.00	42.15 1.25 0.00	43.18 1.28 0.00	39.11 1.33 0.00	60.38 2.44 0.00	71.73 3.35 0.00	92.91 3.85 0.00	33.03 1.48 0.00	30.03 1.42 0.00	31.26 1.39 0.00	35.15 1.60 0.00	40.08 1.92 0.00	38.77 1.95 0.00	36.31 1.92 0.00	37.27 2.09 0.00	39.77 2.19 0.00	46.41 2.58 0.00	78.46 4.20 0.00	122.59 6.05 0.00	45.13 2.25 0.00	36.93 1.76 0.00	36.89 1.55 0.00
ROME____115KV_TB2 80656	39.49 1.24 0.00	37.27 1.11 0.00	37.76 1.12 0.00	42.14 1.24 0.00	43.28 1.37 0.00	39.20 1.42 0.00	77.34 2.41 -16.99	71.23 2.85 0.00	92.64 3.57 0.00	32.49 0.95 0.00	29.47 0.86 0.00	30.54 0.68 0.00	34.34 0.79 0.00	38.89 0.73 0.00	37.65 0.82 0.00	35.17 0.78 0.00	36.05 0.87 0.00	38.66 1.08 0.00	45.35 1.52 0.00	77.43 3.18 0.00	121.62 5.09 0.00	44.53 1.66 0.00	36.45 1.28 0.00	36.54 1.21 0.00
ROSETON___1 23587	39.03 0.79 0.00	36.97 0.81 0.00	37.40 0.76 0.00	41.68 0.78 0.00	42.69 0.78 0.00	38.60 0.82 0.00	59.49 1.55 0.00	70.55 2.17 0.00	91.49 2.43 0.00	32.45 0.91 0.00	29.47 0.86 0.00	30.71 0.85 0.00	34.56 1.01 0.00	39.44 1.29 0.00	38.13 1.31 0.00	35.68 1.29 0.00	36.61 1.43 0.00	39.08 1.51 0.00	45.61 1.79 0.00	77.15 2.90 0.00	120.64 4.11 0.00	44.43 1.56 0.00	36.38 1.21 0.00	36.37 1.03 0.00
ROSETON___2 23588	39.03 0.79 0.00	36.97 0.81 0.00	37.40 0.76 0.00	41.68 0.78 0.00	42.69 0.78 0.00	38.60 0.82 0.00	59.49 1.55 0.00	70.55 2.17 0.00	91.49 2.43 0.00	32.45 0.91 0.00	29.47 0.86 0.00	30.71 0.85 0.00	34.56 1.01 0.00	39.44 1.29 0.00	38.13 1.31 0.00	35.68 1.29 0.00	36.61 1.43 0.00	39.08 1.51 0.00	45.61 1.79 0.00	77.15 2.90 0.00	120.64 4.11 0.00	44.43 1.56 0.00	36.38 1.21 0.00	36.37 1.03 0.00
ROTRDAM_115KV_TB3 80664	39.01 0.77 0.00	36.95 0.79 0.00	37.43 0.79 0.00	41.77 0.87 0.00	42.78 0.87 0.00	38.62 0.83 0.00	59.32 1.38 0.00	70.00 1.62 0.00	90.75 1.69 0.00	32.00 0.46 0.00	28.99 0.38 0.00	30.29 0.43 0.00	34.10 0.55 0.00	38.83 0.67 0.00	37.53 0.71 0.00	35.10 0.71 0.00	35.95 0.76 0.00	38.46 0.88 0.00	45.00 1.18 0.00	76.25 2.00 0.00	119.48 2.95 0.00	43.99 1.11 0.00	36.02 0.85 0.00	36.09 0.75 0.00
RUSSELL___1 23602	38.22 -0.03 0.00	36.12 -0.04 0.00	36.58 -0.06 0.00	40.52 -0.38 0.00	41.58 -0.32 0.00	37.64 -0.14 0.00	56.93 -1.01 0.00	66.90 -1.48 0.00	87.81 -1.25 0.00	31.06 -0.48 0.00	28.29 -0.32 0.00	29.52 -0.35 0.00	33.10 -0.32 0.12	37.62 -0.54 0.00	36.11 -0.71 0.00	33.62 -0.77 0.00	34.28 -0.90 0.00	36.40 -1.18 0.00	42.61 -1.21 0.00	72.35 -1.90 0.00	114.40 -2.12 0.00	41.82 -1.05 0.00	34.50 -0.67 0.00	34.88 -0.45 0.00
RUSSELL___2 23532	38.22 -0.03 0.00	36.12 -0.04 0.00	36.58 -0.06 0.00	40.52 -0.38 0.00	41.58 -0.32 0.00	37.64 -0.14 0.00	56.93 -1.01 0.00	66.90 -1.48 0.00	87.81 -1.25 0.00	31.06 -0.48 0.00	28.29 -0.32 0.00	29.52 -0.35 0.00	33.10 -0.32 0.12	37.62 -0.54 0.00	36.11 -0.71 0.00	33.62 -0.77 0.00	34.28 -0.90 0.00	36.40 -1.18 0.00	42.61 -1.21 0.00	72.35 -1.90 0.00	114.40 -2.12 0.00	41.82 -1.05 0.00	34.50 -0.67 0.00	34.88 -0.45 0.00
RUSSELL___3 23549	38.22 -0.03 0.00	36.12 -0.04 0.00	36.58 -0.06 0.00	40.52 -0.38 0.00	41.58 -0.32 0.00	37.64 -0.14 0.00	56.93 -1.01 0.00	66.90 -1.48 0.00	87.81 -1.25 0.00	31.06 -0.48 0.00	28.29 -0.32 0.00	29.52 -0.35 0.00	33.10 -0.32 0.12	37.62 -0.54 0.00	36.11 -0.71 0.00	33.62 -0.77 0.00	34.28 -0.90 0.00	36.40 -1.18 0.00	42.61 -1.21 0.00	72.35 -1.90 0.00	114.40 -2.12 0.00	41.82 -1.05 0.00	34.50 -0.67 0.00	34.88 -0.45 0.00
RUSSELL___4 23556	38.22 -0.03 0.00	36.12 -0.04 0.00	36.58 -0.06 0.00	40.52 -0.38 0.00	41.58 -0.32 0.00	37.64 -0.14 0.00	56.93 -1.01 0.00	66.90 -1.48 0.00	87.81 -1.25 0.00	31.06 -0.48 0.00	28.29 -0.32 0.00	29.52 -0.35 0.00	33.10 -0.32 0.12	37.62 -0.54 0.00	36.11 -0.71 0.00	33.62 -0.77 0.00	34.28 -0.90 0.00	36.40 -1.18 0.00	42.61 -1.21 0.00	72.35 -1.90 0.00	114.40 -2.12 0.00	41.82 -1.05 0.00	34.50 -0.67 0.00	34.88 -0.45 0.00
RUSSELL___STATION 23914	38.22 -0.03 0.00	36.12 -0.04 0.00	36.58 -0.06 0.00	40.52 -0.38 0.00	41.58 -0.32 0.00	37.64 -0.14 0.00	56.93 -1.01 0.00	66.90 -1.48 0.00	87.81 -1.25 0.00	31.06 -0.48 0.00	28.29 -0.32 0.00	29.52 -0.35 0.00	33.10 -0.32 0.12	37.62 -0.54 0.00	36.11 -0.71 0.00	33.62 -0.77 0.00	34.28 -0.90 0.00	36.40 -1.18 0.00	42.61 -1.21 0.00	72.35 -1.90 0.00	114.40 -2.12 0.00	41.82 -1.05 0.00	34.50 -0.67 0.00	34.88 -0.45 0.00
S SALMON___HYD 24043	37.83 -0.42 0.00	35.67 -0.49 0.00	36.16 -0.48 0.00	40.28 -0.62 0.00	41.45 -0.46 0.00	37.40 -0.38 0.00	77.39 -0.61 -20.06	67.57 -0.80 0.00	87.89 -1.17 0.00	30.92 -0.62 0.00	27.87 -0.75 0.00	28.96 -0.91 0.00	32.60 -0.95 0.00	36.94 -1.22 0.00	35.72 -1.10 0.00	33.17 -1.22 0.00	34.17 -1.01 0.00	36.66 -0.93 0.00	42.95 -0.87 0.00	73.49 -0.76 0.00	115.57 -0.96 0.00	42.31 -0.57 0.00	34.72 -0.45 0.00	34.90 -0.44 0.00
S.PERRY__115KV_TB1 80734	39.17 0.92 0.00	37.03 0.87 0.00	37.49 0.85 0.00	41.62 0.72 0.00	42.81 0.90 0.00	38.78 1.00 0.00	58.98 1.05 0.00	69.37 0.99 0.00	90.78 1.72 0.00	31.78 0.23 0.00	28.66 0.05 0.00	29.61 -0.25 0.00	41.73 -0.44 -8.62	43.35 -1.01 -6.20	37.83 -2.16 -3.17	33.71 -2.29 -1.61	35.38 -2.08 -2.28	58.55 -2.53 -23.50	59.77 -2.52 -18.47	71.01 -3.25 -0.01	112.51 -4.02 0.00	42.10 -0.78 0.00	34.91 -0.26 0.00	35.22 -0.11 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	37.64 -0.60 0.00	35.56 -0.60 0.00	36.02 -0.63 0.00	39.74 -1.16 0.00	40.76 -1.15 0.00	36.93 -0.85 0.00	55.18 -2.76 0.00	64.50 -3.88 0.00	85.18 -3.89 0.00	30.13 -1.42 0.00	27.51 -1.10 0.00	28.64 -1.22 0.00	30.46 -1.27 1.81	35.20 -1.68 1.28	34.26 -1.90 0.66	32.16 -1.89 0.33	32.53 -2.18 0.47	29.91 -2.80 4.86	36.87 -3.13 3.82	69.14 -5.11 0.00	109.71 -6.83 0.00	40.01 -2.86 0.00	33.27 -1.90 0.00	33.85 -1.49 0.00

SAWYER___23_KV_LOAD 55526	37.64 -0.60 0.00	35.56 -0.60 0.00	36.02 -0.63 0.00	39.74 -1.16 0.00	40.76 -1.15 0.00	36.93 -0.85 0.00	55.18 -2.76 0.00	64.50 -3.88 0.00	85.18 -3.89 0.00	30.13 -1.42 0.00	27.51 -1.10 0.00	28.64 -1.22 0.00	30.46 -1.27 1.81	35.20 -1.68 1.28	34.26 -1.90 0.66	32.16 -1.89 0.33	32.53 -2.18 0.47	29.91 -2.80 4.86	36.87 -3.13 3.82	69.14 -5.11 0.00	109.71 -6.83 0.00	40.01 -2.86 0.00	33.27 -1.90 0.00	33.85 -1.49 0.00
SELKIRK___I 23801	38.88 0.63 0.00	36.85 0.69 0.00	37.31 0.67 0.00	41.63 0.73 0.00	42.64 0.73 0.00	38.41 0.63 0.00	58.87 0.93 0.00	69.40 1.02 0.00	89.82 0.76 0.00	31.70 0.15 0.00	28.72 0.10 0.00	30.00 0.13 0.00	33.91 0.36 0.00	38.79 0.64 0.00	37.51 0.69 0.00	35.00 0.61 0.00	35.77 0.59 0.00	38.27 0.69 0.00	44.71 0.89 0.00	75.70 1.45 0.00	118.56 2.03 0.00	43.69 0.81 0.00	35.81 0.64 0.00	35.83 0.50 0.00
SELKIRK___II 23799	38.65 0.40 0.00	36.63 0.47 0.00	37.09 0.44 0.00	41.36 0.47 0.00	42.35 0.44 0.00	38.16 0.38 0.00	58.54 0.60 0.00	69.13 0.75 0.00	89.74 0.68 0.00	31.81 0.26 0.00	28.82 0.20 0.00	30.09 0.22 0.00	33.85 0.30 0.00	38.78 0.62 0.00	37.44 0.63 0.00	34.95 0.56 0.00	35.77 0.59 0.00	38.24 0.66 0.00	44.58 0.76 0.00	75.42 1.16 0.00	118.04 1.51 0.00	43.52 0.64 0.00	35.66 0.49 0.00	35.67 0.34 0.00
SENECA OSWGO___HYD 24041	37.63 -0.62 0.00	35.61 -0.55 0.00	36.09 -0.55 0.00	40.18 -0.71 0.00	41.17 -0.74 0.00	37.03 -0.76 0.00	62.94 -1.39 -6.39	66.73 -1.65 0.00	86.93 -2.14 0.00	30.85 -0.70 0.00	28.03 -0.58 0.00	29.24 -0.62 0.00	32.89 -0.66 0.00	37.27 -0.88 0.00	36.01 -0.81 0.00	33.58 -0.80 0.00	34.35 -0.82 0.00	36.76 -0.82 0.00	42.89 -0.94 0.00	72.77 -1.48 0.00	114.32 -2.21 0.00	41.97 -0.91 0.00	34.46 -0.71 0.00	34.69 -0.65 0.00
SENECA___115KV_TB3 355854	38.16 -0.09 0.00	36.03 -0.13 0.00	36.50 -0.14 0.00	40.27 -0.62 0.00	41.31 -0.60 0.00	37.45 -0.33 0.00	56.09 -1.85 0.00	65.58 -2.80 0.00	86.66 -2.41 0.00	30.58 -0.96 0.00	27.92 -0.69 0.00	29.06 -0.81 0.00	31.19 -0.81 1.55	35.93 -1.14 1.10	34.84 -1.42 0.56	32.66 -1.45 0.28	33.06 -1.71 0.40	31.14 -2.30 4.15	38.03 -2.53 3.26	70.30 -3.96 0.00	111.40 -5.13 0.00	40.58 -2.30 0.00	33.72 -1.44 0.00	34.29 -1.04 0.00
SENECA___ENERGY 23797	38.25 0.01 0.00	36.23 0.07 0.00	36.69 0.05 0.00	40.79 -0.11 0.00	41.81 -0.10 0.00	37.77 -0.01 0.00	61.38 -0.23 -3.67	67.97 -0.41 0.00	88.49 -0.57 0.00	31.39 -0.15 0.00	28.43 -0.18 0.00	29.58 -0.29 0.00	33.81 -0.32 -0.58	38.00 -0.58 -0.42	36.39 -0.64 -0.21	33.81 -0.68 -0.11	34.70 -0.64 -0.15	38.47 -0.70 -1.59	44.40 -0.67 -1.25	73.25 -1.00 0.00	115.20 -1.33 0.00	42.28 -0.60 0.00	34.69 -0.48 0.00	34.97 -0.36 0.00
SHOEMAKER___GT 23640	38.95 0.70 0.00	36.88 0.72 0.00	37.34 0.70 0.00	41.62 0.71 0.00	42.64 0.73 0.00	38.55 0.77 0.00	59.35 1.41 0.00	70.29 1.90 0.00	91.14 2.08 0.00	32.29 0.75 0.00	29.26 0.65 0.00	30.46 0.60 0.00	34.35 0.80 0.00	39.19 1.03 0.00	37.88 1.06 0.00	35.38 0.99 0.00	36.33 1.15 0.00	38.82 1.24 0.00	45.33 1.51 0.00	76.80 2.55 0.00	120.25 3.72 0.00	44.30 1.42 0.00	36.28 1.11 0.00	36.27 0.94 0.00
SHOEMAKR_138KV_BK 111 55601	38.92 0.68 0.00	36.86 0.70 0.00	37.32 0.68 0.00	41.59 0.69 0.00	42.60 0.69 0.00	38.52 0.74 0.00	59.31 1.37 0.00	70.26 1.88 0.00	91.08 2.01 0.00	32.29 0.75 0.00	29.27 0.65 0.00	30.48 0.62 0.00	34.35 0.80 0.00	39.20 1.04 0.00	37.89 1.07 0.00	35.40 1.01 0.00	36.34 1.16 0.00	38.82 1.25 0.00	45.33 1.52 0.00	76.78 2.53 0.00	120.17 3.64 0.00	44.26 1.39 0.00	36.25 1.08 0.00	36.26 0.93 0.00
SHOREHAM_IC_1 23715	39.65 1.40 0.00	37.08 0.92 0.00	37.54 0.90 0.00	42.16 1.26 0.00	43.21 1.31 0.00	39.20 1.42 0.00	60.81 2.87 0.00	71.31 2.93 0.00	91.61 2.55 0.00	32.76 1.21 0.00	29.93 1.31 0.00	30.70 0.84 0.00	34.46 0.91 0.00	39.24 1.09 0.00	38.23 1.30 -0.11	39.19 1.67 -3.14	37.94 1.99 -0.77	42.52 2.12 -2.82	47.85 2.76 -1.27	78.54 4.29 0.00	122.57 6.04 0.00	44.33 1.45 0.00	36.17 1.01 0.00	31.30 0.79 4.83
SHOREHAM_IC_2 23716	39.65 1.40 0.00	37.08 0.92 0.00	37.54 0.90 0.00	42.16 1.26 0.00	43.21 1.31 0.00	39.20 1.42 0.00	60.81 2.87 0.00	71.31 2.93 0.00	91.61 2.55 0.00	32.76 1.21 0.00	29.93 1.31 0.00	30.70 0.84 0.00	34.46 0.91 0.00	39.24 1.09 0.00	38.23 1.30 -0.11	39.19 1.67 -3.14	37.94 1.99 -0.77	42.52 2.12 -2.82	47.85 2.76 -1.27	78.54 4.29 0.00	122.57 6.04 0.00	44.33 1.45 0.00	36.17 1.01 0.00	31.30 0.79 4.83
SISSONVILLE____ 23735	37.90 -0.35 0.00	35.51 -0.65 0.00	36.02 -0.62 0.00	40.51 -0.39 0.00	41.65 -0.26 0.00	37.73 -0.05 0.00	243.69 0.35 -185.40	68.35 -0.03 -0.01	89.14 0.07 0.00	31.45 -0.10 0.00	28.28 -0.34 0.00	29.38 -0.49 0.00	32.88 -0.67 0.00	37.28 -0.87 0.00	35.94 -0.88 0.00	33.67 -0.72 0.00	34.56 -0.62 0.00	37.04 -0.54 0.00	43.17 -0.66 0.00	73.65 -0.60 0.00	116.00 -0.54 0.00	42.56 -0.31 0.00	34.83 -0.33 0.00	35.06 -0.28 0.00
SITHE_IND_GS1 24169	37.28 -0.97 0.00	35.27 -0.89 0.00	35.76 -0.88 0.00	39.81 -1.08 0.00	40.77 -1.13 0.00	36.66 -1.12 0.00	55.97 -1.97 0.00	66.03 -2.35 0.00	86.01 -3.05 0.00	30.58 -0.97 0.00	27.79 -0.82 0.00	29.01 -0.86 0.00	32.59 -0.96 0.00	36.99 -1.17 0.00	35.69 -1.13 0.00	33.31 -1.08 0.00	34.04 -1.14 0.00	36.33 -1.25 0.00	42.40 -1.42 0.00	71.86 -2.40 0.00	112.89 -3.64 0.00	41.49 -1.39 0.00	34.10 -1.07 0.00	34.36 -0.98 0.00
SITHE_IND_GS2 24170	37.28 -0.97 0.00	35.27 -0.89 0.00	35.76 -0.88 0.00	39.81 -1.08 0.00	40.77 -1.13 0.00	36.66 -1.12 0.00	55.97 -1.97 0.00	66.03 -2.35 0.00	86.01 -3.05 0.00	30.58 -0.97 0.00	27.79 -0.82 0.00	29.01 -0.86 0.00	32.59 -0.96 0.00	36.99 -1.17 0.00	35.69 -1.13 0.00	33.31 -1.08 0.00	34.04 -1.14 0.00	36.33 -1.25 0.00	42.40 -1.42 0.00	71.86 -2.40 0.00	112.89 -3.64 0.00	41.49 -1.39 0.00	34.10 -1.07 0.00	34.36 -0.98 0.00
SITHE_IND_GS3 24171	37.28 -0.97 0.00	35.27 -0.89 0.00	35.76 -0.88 0.00	39.81 -1.08 0.00	40.77 -1.13 0.00	36.66 -1.12 0.00	55.97 -1.97 0.00	66.03 -2.35 0.00	86.01 -3.05 0.00	30.58 -0.97 0.00	27.79 -0.82 0.00	29.01 -0.86 0.00	32.59 -0.96 0.00	36.99 -1.17 0.00	35.69 -1.13 0.00	33.31 -1.08 0.00	34.04 -1.14 0.00	36.33 -1.25 0.00	42.40 -1.42 0.00	71.86 -2.40 0.00	112.89 -3.64 0.00	41.49 -1.39 0.00	34.10 -1.07 0.00	34.36 -0.98 0.00
SITHE_IND_GS4 24172	37.28 -0.97 0.00	35.27 -0.89 0.00	35.76 -0.88 0.00	39.81 -1.08 0.00	40.77 -1.13 0.00	36.66 -1.12 0.00	55.97 -1.97 0.00	66.03 -2.35 0.00	86.01 -3.05 0.00	30.58 -0.97 0.00	27.79 -0.82 0.00	29.01 -0.86 0.00	32.59 -0.96 0.00	36.99 -1.17 0.00	35.69 -1.13 0.00	33.31 -1.08 0.00	34.04 -1.14 0.00	36.33 -1.25 0.00	42.40 -1.42 0.00	71.86 -2.40 0.00	112.89 -3.64 0.00	41.49 -1.39 0.00	34.10 -1.07 0.00	34.36 -0.98 0.00

SITHE___BATAVIA 24024	38.62 0.37 0.00	36.46 0.29 0.00	36.95 0.31 0.00	40.81 -0.09 0.00	41.91 0.00 0.00	38.04 0.26 0.00	57.11 -0.83 0.00	67.01 -1.37 0.00	88.19 -0.88 0.00	31.13 -0.41 0.00	28.24 -0.37 0.00	29.41 -0.46 0.00	31.72 -0.39 1.44	36.43 -0.71 1.01	35.39 -0.92 0.52	33.17 -0.96 0.26	33.74 -1.07 0.37	32.15 -1.59 3.84	39.30 -1.50 3.02	72.05 -2.20 0.00	114.28 -2.25 0.00	41.64 -1.24 0.00	34.46 -0.70 0.00	34.95 -0.38 0.00
SITHE___INDEPEND 23800	37.27 -0.97 0.00	35.27 -0.89 0.00	35.76 -0.88 0.00	39.81 -1.09 0.00	40.77 -1.13 0.00	36.66 -1.12 0.00	55.97 -1.96 0.00	66.03 -2.35 0.00	86.01 -3.05 0.00	30.57 -0.97 0.00	27.79 -0.82 0.00	29.01 -0.85 0.00	32.59 -0.96 0.00	36.99 -1.17 0.00	35.69 -1.13 0.00	33.31 -1.08 0.00	34.04 -1.14 0.00	36.33 -1.25 0.00	42.39 -1.43 0.00	71.86 -2.39 0.00	112.89 -3.64 0.00	41.49 -1.38 0.00	34.10 -1.07 0.00	34.36 -0.98 0.00
SITHE___MASSENA 23902	38.73 0.48 0.00	36.37 0.21 0.00	36.87 0.22 0.00	41.40 0.50 0.00	42.49 0.58 0.00	38.40 0.62 0.00	308.33 1.23 -249.16	69.67 1.29 -0.01	91.05 1.99 0.00	32.10 0.55 0.00	29.01 0.39 0.00	30.21 0.35 0.00	33.81 0.26 0.00	38.39 0.24 0.00	37.01 0.20 0.00	34.65 0.26 0.00	35.45 0.27 0.00	37.88 0.30 0.00	44.08 0.26 0.00	74.91 0.66 0.00	117.93 1.40 0.00	43.34 0.46 0.00	35.51 0.34 0.00	35.79 0.46 0.00
SITHE___OGDNSBRG 24021	39.13 0.89 0.00	36.70 0.54 0.00	37.20 0.56 0.00	41.80 0.90 0.00	42.95 1.04 0.00	38.88 1.10 0.00	270.32 2.21 -210.17	70.68 2.29 -0.01	92.14 3.08 0.00	32.28 0.73 0.00	28.99 0.37 0.00	30.14 0.28 0.00	33.80 0.25 0.00	38.31 0.15 0.00	36.96 0.14 0.00	34.68 0.29 0.00	35.60 0.42 0.00	38.18 0.61 0.00	44.50 0.68 0.00	76.06 1.81 0.00	119.86 3.33 0.00	43.95 1.07 0.00	35.97 0.80 0.00	36.19 0.86 0.00
SITHE___STERLING 23777	39.14 0.89 0.00	36.98 0.83 0.00	37.47 0.83 0.00	41.79 0.89 0.00	42.87 0.96 0.00	38.76 0.98 0.00	71.24 1.68 -11.62	70.42 2.04 0.00	91.59 2.53 0.00	32.21 0.67 0.00	29.24 0.63 0.00	30.34 0.48 0.00	34.11 0.56 0.00	38.66 0.50 0.00	37.38 0.56 0.00	34.94 0.55 0.00	35.78 0.60 0.00	38.30 0.72 0.00	44.89 1.07 0.00	76.49 2.24 0.00	120.06 3.53 0.00	44.03 1.15 0.00	36.04 0.87 0.00	36.16 0.82 0.00
SLEIGHT__34_KV_TB1 80719	37.97 -0.28 0.00	35.91 -0.25 0.00	36.39 -0.25 0.00	40.37 -0.53 0.00	41.43 -0.48 0.00	37.48 -0.30 0.00	57.12 -0.82 0.00	67.24 -1.14 0.00	87.80 -1.26 0.00	31.07 -0.48 0.00	28.21 -0.40 0.00	29.42 -0.44 0.00	33.07 -0.48 0.00	37.41 -0.74 0.00	36.02 -0.80 0.00	33.57 -0.82 0.00	34.28 -0.90 0.00	36.58 -0.99 0.00	42.82 -1.00 0.00	72.60 -1.65 0.00	114.53 -2.00 0.00	41.88 -0.99 0.00	34.46 -0.71 0.00	34.79 -0.55 0.00
SOUTH CAIRO___GT 23612	40.04 1.80 0.00	37.91 1.75 0.00	38.37 1.73 0.00	42.83 1.93 0.00	43.92 2.01 0.00	39.66 1.88 0.00	61.03 3.09 0.00	72.12 3.74 0.00	93.08 4.01 0.00	32.44 0.90 0.00	29.12 0.51 0.00	30.38 0.51 0.00	34.41 0.86 0.00	39.70 1.55 0.00	38.43 1.61 0.00	35.77 1.38 0.00	36.62 1.44 0.00	39.50 1.92 0.00	46.19 2.37 0.00	78.67 4.41 0.00	123.22 6.69 0.00	45.29 2.42 0.00	37.02 1.85 0.00	36.95 1.62 0.00
SOUTH HAMPTN___IC 23720	40.00 1.76 0.00	37.51 1.34 0.00	37.97 1.33 0.00	42.60 1.71 0.00	43.69 1.78 0.00	39.66 1.88 0.00	61.54 3.60 0.00	72.21 3.83 0.00	92.87 3.81 0.00	33.20 1.65 0.00	30.28 1.67 0.00	31.08 1.22 0.00	34.88 1.33 0.00	39.72 1.57 0.00	38.68 1.76 -0.11	39.56 2.08 -3.08	38.32 2.38 -0.76	42.95 2.60 -2.77	48.03 2.96 -1.25	78.62 4.37 0.00	122.58 6.06 0.00	44.45 1.58 0.00	36.29 1.12 0.00	28.23 0.88 7.98
SOUTHDOW_115KV_TB1 355954	39.61 1.37 0.00	37.50 1.34 0.00	37.99 1.35 0.00	42.12 1.23 0.00	43.11 1.21 0.00	38.97 1.19 0.00	59.00 1.06 0.00	69.16 0.78 0.00	91.04 1.98 0.00	31.85 0.30 0.00	28.78 0.17 0.00	29.85 -0.01 0.00	33.71 0.16 0.00	38.19 0.03 0.00	36.36 -0.46 0.00	33.78 -0.61 0.00	34.42 -0.76 0.00	36.63 -0.95 0.00	42.77 -1.05 0.00	73.27 -0.98 0.00	115.91 -0.63 0.00	42.38 -0.49 0.00	35.17 0.00 0.00	35.64 0.30 0.00
SOUTHOLD_69_KV_BK 2 55809	40.43 2.19 0.00	38.00 1.84 0.00	38.47 1.83 0.00	43.17 2.27 0.00	44.31 2.41 0.00	40.25 2.47 0.00	62.50 4.56 0.00	73.32 4.94 0.00	94.31 5.25 0.00	33.69 2.14 0.00	30.70 2.09 0.00	31.46 1.60 0.00	35.31 1.76 0.00	40.21 2.05 0.00	39.18 2.26 -0.11	39.97 2.50 -3.09	38.71 2.78 -0.76	43.44 3.08 -2.78	48.13 3.05 -1.25	78.26 4.01 0.00	121.77 5.25 0.00	44.22 1.34 0.00	36.12 0.95 0.00	27.93 0.65 8.05
SOUTHOLD___IC 23719	40.43 2.18 0.00	38.01 1.84 0.00	38.47 1.83 0.00	43.17 2.27 0.00	44.31 2.40 0.00	40.25 2.47 0.00	62.50 4.56 0.00	73.32 4.94 0.00	94.31 5.24 0.00	33.69 2.14 0.00	30.70 2.09 0.00	31.46 1.60 0.00	35.30 1.75 0.00	40.20 2.05 0.00	39.18 2.25 -0.11	39.97 2.50 -3.09	38.71 2.78 -0.76	43.43 3.07 -2.78	48.11 3.04 -1.25	78.24 3.99 0.00	121.77 5.25 0.00	44.22 1.34 0.00	36.12 0.94 0.00	27.93 0.64 8.05
SOUTH_FORK_WT_PWR 323839	40.40 2.16 0.00	38.04 1.88 0.00	38.51 1.87 0.00	43.24 2.34 0.00	44.39 2.48 0.00	40.32 2.54 0.00	62.61 4.67 0.00	73.39 5.01 0.00	94.42 5.35 0.00	33.73 2.19 0.00	30.74 2.12 0.00	31.48 1.62 0.00	35.35 1.80 0.00	40.23 2.08 0.00	39.21 2.28 -0.11	39.99 2.52 -3.08	38.71 2.77 -0.76	43.44 3.09 -2.77	47.72 2.65 -1.25	77.18 2.92 0.00	119.91 3.38 0.00	43.59 0.72 0.00	35.63 0.46 0.00	27.45 0.12 8.01
SPIERFLS_115KV_TB 1 80737	39.14 0.90 0.00	37.03 0.87 0.00	37.54 0.90 0.00	41.98 1.09 0.00	42.99 1.08 0.00	38.93 1.15 0.00	60.09 2.15 0.00	70.71 2.33 0.00	91.67 2.61 0.00	32.02 0.48 0.00	28.90 0.29 0.00	30.23 0.37 0.00	33.92 0.38 0.00	38.68 0.52 0.00	37.43 0.61 0.00	35.18 0.79 0.00	36.04 0.86 0.00	38.77 1.19 0.00	45.36 1.53 0.00	77.08 2.82 0.00	120.64 4.11 0.00	44.28 1.40 0.00	36.23 1.07 0.00	36.22 0.89 0.00
ST LAWRENCE____ 23600	38.29 0.05 0.00	36.00 -0.16 0.00	36.49 -0.15 0.00	40.96 0.06 0.00	42.01 0.11 0.00	37.94 0.16 0.00	37.47 0.45 20.91	68.75 0.37 0.00	89.85 0.79 0.00	31.76 0.21 0.00	28.74 0.13 0.00	29.96 0.10 0.00	33.55 0.00 0.00	38.13 -0.03 0.00	36.76 -0.06 0.00	34.37 -0.02 0.00	35.13 -0.05 0.00	37.52 -0.06 0.00	43.66 -0.16 0.00	74.04 -0.22 0.00	116.44 -0.09 0.00	42.83 -0.05 0.00	35.11 -0.06 0.00	35.38 0.04 0.00
STATE_CA_115KV_115_LB 55624	38.75 0.50 0.00	36.71 0.55 0.00	37.16 0.51 0.00	41.45 0.56 0.00	42.43 0.52 0.00	38.24 0.46 0.00	58.68 0.74 0.00	69.28 0.90 0.00	89.89 0.83 0.00	31.89 0.34 0.00	28.86 0.25 0.00	30.12 0.26 0.00	33.90 0.35 0.00	38.93 0.77 0.00	37.56 0.75 0.00	35.07 0.68 0.00	35.87 0.69 0.00	38.36 0.79 0.00	44.74 0.91 0.00	75.69 1.44 0.00	118.41 1.89 0.00	43.63 0.75 0.00	35.75 0.58 0.00	35.71 0.38 0.00

STATE_ST_34_KV_LOAD 55959	38.63 0.38 0.00	36.59 0.43 0.00	37.08 0.44 0.00	41.11 0.21 0.00	42.14 0.23 0.00	38.12 0.34 0.00	62.14 0.38 -3.82	68.82 0.44 0.00	89.32 0.26 0.00	31.67 0.12 0.00	28.75 0.14 0.00	29.90 0.03 0.00	33.52 -0.03 0.00	38.02 -0.14 0.00	36.58 -0.23 0.00	34.26 -0.13 0.00	35.13 -0.05 0.00	37.44 -0.13 0.00	43.92 0.10 0.00	74.28 0.02 0.00	116.98 0.45 0.00	42.83 -0.05 0.00	35.14 -0.03 0.00	35.48 0.14 0.00
STATION 5_MISC_HYD 23604	38.04 -0.20 0.00	35.95 -0.21 0.00	36.42 -0.22 0.00	40.34 -0.56 0.00	41.39 -0.51 0.00	37.45 -0.33 0.00	56.61 -1.33 0.00	66.49 -1.89 0.00	87.23 -1.83 0.00	30.90 -0.65 0.00	28.13 -0.48 0.00	29.35 -0.51 0.00	32.93 -0.50 0.12	37.42 -0.74 0.00	35.93 -0.89 0.00	33.45 -0.94 0.00	34.10 -1.08 0.00	36.22 -1.36 0.00	42.40 -1.42 0.00	71.90 -2.35 0.00	113.65 -2.88 0.00	41.57 -1.31 0.00	34.30 -0.87 0.00	34.71 -0.62 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	38.51 0.26 0.00	36.43 0.27 0.00	36.91 0.27 0.00	41.02 0.12 0.00	42.08 0.17 0.00	38.05 0.27 0.00	61.35 0.06 -3.35	68.32 -0.06 0.00	89.26 0.20 0.00	31.58 0.04 0.00	28.67 0.06 0.00	29.87 0.01 0.00	33.50 -0.05 0.00	37.97 -0.18 0.00	36.48 -0.34 0.00	34.04 -0.35 0.00	34.82 -0.36 0.00	37.14 -0.44 0.00	43.46 -0.36 0.00	73.75 -0.51 0.00	116.18 -0.34 0.00	42.53 -0.35 0.00	34.95 -0.22 0.00	35.25 -0.08 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	37.82 -0.43 0.00	35.76 -0.40 0.00	36.22 -0.42 0.00	40.15 -0.75 0.00	41.20 -0.71 0.00	37.26 -0.53 0.00	56.43 -1.51 0.00	66.33 -2.05 0.00	86.98 -2.09 0.00	30.79 -0.75 0.00	28.04 -0.58 0.00	29.25 -0.62 0.00	32.91 -0.64 0.00	37.26 -0.90 0.00	35.79 -1.04 0.00	33.33 -1.06 0.00	33.99 -1.19 0.00	36.11 -1.47 0.00	42.25 -1.57 0.00	71.69 -2.56 0.00	113.28 -3.25 0.00	41.44 -1.44 0.00	34.17 -1.00 0.00	34.55 -0.78 0.00
STA_56___34_KV_BUS2 355983	37.82 -0.43 0.00	35.76 -0.40 0.00	36.22 -0.42 0.00	40.15 -0.75 0.00	41.20 -0.71 0.00	37.26 -0.53 0.00	56.43 -1.51 0.00	66.33 -2.05 0.00	86.98 -2.09 0.00	30.79 -0.75 0.00	28.04 -0.58 0.00	29.25 -0.62 0.00	32.91 -0.64 0.00	37.26 -0.90 0.00	35.79 -1.04 0.00	33.33 -1.06 0.00	33.99 -1.19 0.00	36.11 -1.47 0.00	42.25 -1.57 0.00	71.69 -2.56 0.00	113.28 -3.25 0.00	41.44 -1.44 0.00	34.17 -1.00 0.00	34.55 -0.78 0.00
STA_67___115KV_BK2 355882	37.95 -0.30 0.00	35.87 -0.29 0.00	36.34 -0.30 0.00	40.26 -0.64 0.00	41.29 -0.62 0.00	37.36 -0.42 0.00	56.45 -1.49 0.00	66.33 -2.05 0.00	87.06 -2.01 0.00	30.82 -0.73 0.00	28.06 -0.55 0.00	29.28 -0.59 0.00	32.83 -0.59 0.13	37.31 -0.85 0.00	35.82 -1.00 0.00	33.37 -1.02 0.00	34.00 -1.18 0.00	36.10 -1.48 0.00	42.25 -1.57 0.00	71.70 -2.56 0.00	113.36 -3.17 0.00	41.46 -1.42 0.00	34.22 -0.95 0.00	34.62 -0.71 0.00
STA_7___115KV_9TRANS 80674	38.22 -0.03 0.00	36.12 -0.04 0.00	36.58 -0.06 0.00	40.52 -0.38 0.00	41.58 -0.32 0.00	37.64 -0.14 0.00	56.93 -1.01 0.00	66.90 -1.48 0.00	87.81 -1.25 0.00	31.06 -0.48 0.00	28.29 -0.32 0.00	29.52 -0.35 0.00	33.10 -0.32 0.12	37.62 -0.54 0.00	36.11 -0.71 0.00	33.62 -0.77 0.00	34.28 -0.90 0.00	36.40 -1.18 0.00	42.61 -1.21 0.00	72.35 -1.90 0.00	114.40 -2.12 0.00	41.82 -1.05 0.00	34.50 -0.67 0.00	34.88 -0.45 0.00
STA_82___115KV_TB1 80780	37.95 -0.30 0.00	35.87 -0.29 0.00	36.35 -0.30 0.00	40.26 -0.64 0.00	41.31 -0.60 0.00	37.37 -0.41 0.00	56.49 -1.45 0.00	66.35 -2.03 0.00	87.09 -1.97 0.00	30.82 -0.72 0.00	28.06 -0.55 0.00	29.28 -0.59 0.00	32.85 -0.59 0.11	37.31 -0.85 0.00	35.81 -1.01 0.00	33.36 -1.03 0.00	34.00 -1.18 0.00	36.10 -1.48 0.00	42.25 -1.57 0.00	71.72 -2.54 0.00	113.39 -3.14 0.00	41.48 -1.40 0.00	34.23 -0.94 0.00	34.64 -0.70 0.00
STEEL___WIND 323596	38.17 -0.08 0.00	36.00 -0.16 0.00	36.47 -0.18 0.00	40.22 -0.67 0.00	41.24 -0.67 0.00	37.41 -0.37 0.00	56.02 -1.92 0.00	65.51 -2.87 0.00	86.42 -2.64 0.00	30.55 -1.00 0.00	27.88 -0.74 0.00	28.99 -0.87 0.00	31.14 -0.86 1.55	35.86 -1.20 1.10	34.81 -1.45 0.56	32.63 -1.48 0.28	33.00 -1.78 0.40	31.11 -2.33 4.15	38.00 -2.56 3.26	70.15 -4.10 0.00	111.18 -5.35 0.00	40.50 -2.38 0.00	33.64 -1.52 0.00	34.24 -1.10 0.00
STEPHTWN_115KV_BK_2 55603	38.98 0.73 0.00	36.89 0.73 0.00	37.36 0.71 0.00	41.69 0.79 0.00	42.66 0.76 0.00	38.50 0.72 0.00	59.15 1.21 0.00	69.85 1.47 0.00	90.55 1.49 0.00	31.89 0.34 0.00	28.77 0.16 0.00	30.09 0.23 0.00	33.82 0.27 0.00	38.91 0.75 0.00	37.81 0.99 0.00	35.31 0.92 0.00	36.19 1.01 0.00	38.71 1.13 0.00	45.19 1.37 0.00	76.34 2.09 0.00	119.48 2.95 0.00	43.94 1.07 0.00	35.99 0.82 0.00	36.01 0.67 0.00
STEUBEN_REC_LFGE 323667	38.66 0.41 0.00	36.62 0.45 0.00	36.98 0.34 0.00	41.15 0.25 0.00	42.44 0.53 0.00	38.35 0.57 0.00	58.28 0.34 0.00	68.53 0.16 0.00	89.41 0.35 0.00	30.99 -0.56 0.00	27.64 -0.97 0.00	28.50 -1.37 0.00	37.62 -1.66 -5.73	39.89 -2.39 -4.12	36.22 -2.71 -2.11	32.68 -2.78 -1.07	34.05 -2.64 -1.52	50.32 -2.90 -15.63	52.70 -3.40 -12.28	69.82 -4.44 0.00	110.46 -6.07 0.00	40.81 -2.06 0.00	33.37 -1.80 0.00	33.66 -1.67 0.00
STILLWATER___SOLAR 323814	39.40 1.15 0.00	37.31 1.15 0.00	37.81 1.17 0.00	42.23 1.33 0.00	43.25 1.35 0.00	39.10 1.32 0.00	60.18 2.24 0.00	70.87 2.49 0.00	91.85 2.79 0.00	32.20 0.65 0.00	29.11 0.49 0.00	30.44 0.57 0.00	34.24 0.69 0.00	39.08 0.92 0.00	37.79 0.98 0.00	35.45 1.06 0.00	36.29 1.12 0.00	38.92 1.34 0.00	45.58 1.76 0.00	77.35 3.10 0.00	121.07 4.54 0.00	44.50 1.62 0.00	36.40 1.23 0.00	36.43 1.10 0.00
STONY___BROOK 24151	39.86 1.61 0.00	37.39 1.23 0.00	37.86 1.22 0.00	42.35 1.46 0.00	43.40 1.49 0.00	39.34 1.56 0.00	61.05 3.12 0.00	71.92 3.54 0.00	92.73 3.66 0.00	33.16 1.61 0.00	30.21 1.60 0.00	31.17 1.30 0.00	34.98 1.43 0.00	39.82 1.67 0.00	38.78 1.84 -0.11	39.84 2.22 -3.23	38.48 2.51 -0.79	43.11 2.63 -2.90	48.20 3.07 -1.31	79.06 4.81 0.00	123.45 6.92 0.00	44.94 2.06 0.00	36.68 1.51 0.00	36.43 1.31 0.22
STURGEON_POOL_HYD 23609	39.32 1.07 0.00	37.24 1.08 0.00	37.69 1.05 0.00	42.00 1.11 0.00	43.03 1.12 0.00	38.91 1.13 0.00	60.03 2.10 0.00	71.26 2.88 0.00	92.44 3.38 0.00	32.78 1.23 0.00	29.70 1.09 0.00	30.92 1.06 0.00	34.85 1.30 0.00	39.81 1.65 0.00	38.45 1.63 0.00	36.00 1.61 0.00	36.94 1.76 0.00	39.47 1.89 0.00	46.06 2.24 0.00	77.92 3.66 0.00	121.85 5.32 0.00	44.86 1.98 0.00	36.70 1.54 0.00	36.69 1.35 0.00
ST_LAW_115_BK7_LBMP 345037	38.29 0.05 0.00	35.99 -0.16 0.00	36.48 -0.16 0.00	40.95 0.05 0.00	42.01 0.10 0.00	37.94 0.16 0.00	31.80 0.47 26.61	68.76 0.38 0.00	89.88 0.82 0.00	31.76 0.21 0.00	28.74 0.12 0.00	29.96 0.09 0.00	33.55 -0.01 0.00	38.11 -0.04 0.00	36.75 -0.07 0.00	34.36 -0.02 0.00	35.12 -0.06 0.00	37.49 -0.09 0.00	43.65 -0.17 0.00	74.02 -0.23 0.00	116.45 -0.08 0.00	42.82 -0.06 0.00	35.11 -0.06 0.00	35.38 0.04 0.00

ST_LAW_115_BK8_LBMP 345038	38.29 0.05 0.00	35.99 -0.16 0.00	36.48 -0.16 0.00	40.95 0.05 0.00	42.01 0.10 0.00	37.94 0.16 0.00	31.80 0.47 26.61	68.76 0.38 0.00	89.88 0.82 0.00	31.76 0.21 0.00	28.74 0.12 0.00	29.96 0.09 0.00	33.55 -0.01 0.00	38.11 -0.04 0.00	36.75 -0.07 0.00	34.36 -0.02 0.00	35.12 -0.06 0.00	37.49 -0.09 0.00	43.65 -0.17 0.00	74.02 -0.23 0.00	116.45 -0.08 0.00	42.82 -0.06 0.00	35.11 -0.06 0.00	35.38 0.04 0.00
ST_LAW_230_BK5_LBMP 345035	38.29 0.05 0.00	36.00 -0.16 0.00	36.49 -0.15 0.00	40.96 0.06 0.00	42.01 0.11 0.00	37.94 0.16 0.00	39.69 0.45 18.70	68.75 0.37 0.00	89.85 0.79 0.00	31.76 0.21 0.00	28.74 0.13 0.00	29.96 0.10 0.00	33.55 0.00 0.00	38.13 -0.03 0.00	36.76 -0.06 0.00	34.37 -0.02 0.00	35.13 -0.05 0.00	37.52 -0.06 0.00	43.66 -0.16 0.00	74.04 -0.22 0.00	116.44 -0.09 0.00	42.83 -0.05 0.00	35.11 -0.06 0.00	35.38 0.04 0.00
ST_LAW_230_BK6_LBMP 345036	38.29 0.05 0.00	36.00 -0.16 0.00	36.49 -0.15 0.00	40.96 0.06 0.00	42.01 0.11 0.00	37.94 0.16 0.00	39.69 0.45 18.70	68.75 0.37 0.00	89.85 0.79 0.00	31.76 0.21 0.00	28.74 0.13 0.00	29.96 0.10 0.00	33.55 0.00 0.00	38.13 -0.03 0.00	36.76 -0.06 0.00	34.37 -0.02 0.00	35.13 -0.05 0.00	37.52 -0.06 0.00	43.66 -0.16 0.00	74.04 -0.22 0.00	116.44 -0.09 0.00	42.83 -0.05 0.00	35.11 -0.06 0.00	35.38 0.04 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	38.99 0.74 0.00	36.93 0.77 0.00	37.37 0.73 0.00	41.65 0.76 0.00	42.68 0.77 0.00	38.61 0.83 0.00	59.51 1.57 0.00	70.56 2.18 0.00	91.45 2.39 0.00	32.43 0.89 0.00	29.42 0.81 0.00	30.63 0.77 0.00	34.49 0.94 0.00	39.38 1.23 0.00	38.06 1.24 0.00	35.62 1.23 0.00	36.54 1.36 0.00	39.03 1.45 0.00	45.58 1.76 0.00	77.16 2.91 0.00	120.72 4.19 0.00	44.44 1.57 0.00	36.38 1.21 0.00	36.37 1.04 0.00
SWANROAD_115KV_TB1 355699	37.03 -1.22 0.00	34.96 -1.20 0.00	35.43 -1.21 0.00	39.05 -1.85 0.00	40.06 -1.84 0.00	36.31 -1.47 0.00	53.85 -4.09 0.00	62.80 -5.58 0.00	83.00 -6.06 0.00	29.41 -2.13 0.00	26.89 -1.72 0.00	27.99 -1.88 0.00	29.51 -2.02 2.01	34.20 -2.53 1.43	33.40 -2.70 0.73	31.42 -2.60 0.37	31.73 -2.93 0.52	28.40 -3.77 5.41	35.37 -4.20 4.25	67.31 -6.95 0.00	106.96 -9.57 0.00	39.03 -3.85 0.00	32.56 -2.61 0.00	33.19 -2.15 0.00
SYNERGY___BIOGAS 323694	38.62 0.37 0.00	36.46 0.29 0.00	36.95 0.31 0.00	40.81 -0.09 0.00	41.91 0.00 0.00	38.04 0.26 0.00	57.11 -0.83 0.00	67.01 -1.37 0.00	88.19 -0.88 0.00	31.13 -0.41 0.00	28.24 -0.37 0.00	29.41 -0.46 0.00	31.72 -0.39 1.44	36.43 -0.71 1.01	35.39 -0.92 0.52	33.17 -0.96 0.26	33.74 -1.07 0.37	32.15 -1.59 3.84	39.30 -1.50 3.02	72.05 -2.20 0.00	114.28 -2.25 0.00	41.64 -1.24 0.00	34.46 -0.70 0.00	34.95 -0.38 0.00
SYRACUSE___ENERGY_ST1 323597	38.23 -0.01 0.00	36.19 0.03 0.00	36.68 0.04 0.00	40.79 -0.11 0.00	41.78 -0.13 0.00	37.64 -0.14 0.00	62.21 -0.35 -4.62	67.93 -0.45 0.00	88.41 -0.65 0.00	31.38 -0.17 0.00	28.49 -0.12 0.00	29.70 -0.17 0.00	33.38 -0.17 0.00	37.88 -0.27 0.00	36.53 -0.28 0.00	34.11 -0.27 0.00	34.88 -0.30 0.00	37.29 -0.29 0.00	43.56 -0.26 0.00	73.87 -0.38 0.00	116.04 -0.49 0.00	42.58 -0.30 0.00	34.96 -0.21 0.00	35.19 -0.14 0.00
SYRACUSE___ENERGY_ST2 323598	38.23 -0.01 0.00	36.19 0.03 0.00	36.68 0.04 0.00	40.79 -0.11 0.00	41.78 -0.13 0.00	37.64 -0.14 0.00	62.21 -0.35 -4.62	67.93 -0.45 0.00	88.41 -0.65 0.00	31.38 -0.17 0.00	28.49 -0.12 0.00	29.70 -0.17 0.00	33.38 -0.17 0.00	37.88 -0.27 0.00	36.53 -0.28 0.00	34.11 -0.27 0.00	34.88 -0.30 0.00	37.29 -0.29 0.00	43.56 -0.26 0.00	73.87 -0.38 0.00	116.04 -0.49 0.00	42.58 -0.30 0.00	34.96 -0.21 0.00	35.19 -0.14 0.00
SYRACUSE___POWER 24017	38.24 -0.01 0.00	36.20 0.04 0.00	36.68 0.04 0.00	40.83 -0.07 0.00	41.82 -0.09 0.00	37.69 -0.10 0.00	62.54 -0.27 -4.88	68.04 -0.34 0.00	88.59 -0.47 0.00	31.42 -0.12 0.00	28.54 -0.07 0.00	29.75 -0.11 0.00	33.44 -0.11 0.00	37.95 -0.21 0.00	36.61 -0.21 0.00	34.16 -0.22 0.00	34.94 -0.24 0.00	37.35 -0.23 0.00	43.61 -0.21 0.00	74.02 -0.23 0.00	116.22 -0.31 0.00	42.66 -0.21 0.00	35.02 -0.15 0.00	35.23 -0.11 0.00
TALLMAN___138KV_BK151 55660	39.01 0.77 0.00	36.95 0.79 0.00	37.40 0.76 0.00	41.67 0.77 0.00	42.72 0.81 0.00	38.67 0.89 0.00	59.65 1.71 0.00	70.77 2.38 0.00	91.66 2.60 0.00	32.54 0.99 0.00	29.52 0.91 0.00	30.74 0.88 0.00	34.62 1.07 0.00	39.50 1.34 0.00	38.20 1.38 0.00	35.77 1.38 0.00	36.69 1.51 0.00	39.19 1.61 0.00	45.74 1.92 0.00	77.42 3.17 0.00	121.04 4.51 0.00	44.57 1.70 0.00	36.48 1.31 0.00	36.45 1.11 0.00
TEALLAVE_115KV_TB7 355573	38.06 -0.19 0.00	36.02 -0.14 0.00	36.50 -0.15 0.00	40.63 -0.27 0.00	41.62 -0.28 0.00	37.50 -0.29 0.00	62.90 -0.61 -5.57	67.63 -0.75 0.00	88.11 -0.95 0.00	31.27 -0.28 0.00	28.41 -0.20 0.00	29.62 -0.24 0.00	33.30 -0.25 0.00	37.80 -0.36 0.00	36.47 -0.35 0.00	34.03 -0.36 0.00	34.78 -0.40 0.00	37.16 -0.42 0.00	43.37 -0.45 0.00	73.58 -0.67 0.00	115.58 -0.96 0.00	42.43 -0.45 0.00	34.84 -0.33 0.00	35.06 -0.27 0.00
TELGRAPH_34_KV_EAST 80808	37.84 -0.41 0.00	35.73 -0.43 0.00	36.21 -0.44 0.00	39.96 -0.94 0.00	41.03 -0.88 0.00	37.22 -0.57 0.00	55.58 -2.36 0.00	65.02 -3.36 0.00	85.80 -3.26 0.00	30.30 -1.25 0.00	27.63 -0.98 0.00	28.78 -1.08 0.00	30.59 -1.12 1.85	35.34 -1.51 1.31	34.40 -1.75 0.67	32.30 -1.75 0.34	32.74 -1.96 0.48	29.99 -2.63 4.97	37.12 -2.80 3.90	69.77 -4.48 0.00	110.78 -5.75 0.00	40.39 -2.49 0.00	33.56 -1.61 0.00	34.10 -1.23 0.00
TEMPLE___115KV_TB 2 55572	38.08 -0.17 0.00	36.03 -0.13 0.00	36.51 -0.13 0.00	40.64 -0.26 0.00	41.65 -0.26 0.00	37.51 -0.27 0.00	62.78 -0.58 -5.43	67.66 -0.72 0.00	88.16 -0.90 0.00	31.29 -0.26 0.00	28.43 -0.18 0.00	29.64 -0.23 0.00	33.32 -0.22 0.00	37.83 -0.33 0.00	36.49 -0.33 0.00	34.05 -0.34 0.00	34.81 -0.37 0.00	37.18 -0.40 0.00	43.40 -0.42 0.00	73.59 -0.66 0.00	115.63 -0.90 0.00	42.44 -0.43 0.00	34.86 -0.31 0.00	35.08 -0.26 0.00
TIANA____69_KV_BK 1 55817	39.94 1.69 0.00	37.41 1.25 0.00	37.89 1.25 0.00	42.50 1.60 0.00	43.58 1.68 0.00	39.55 1.76 0.00	61.36 3.42 0.00	72.02 3.64 0.00	92.60 3.53 0.00	33.12 1.58 0.00	30.20 1.59 0.00	31.01 1.15 0.00	34.82 1.27 0.00	39.65 1.50 0.00	38.60 1.67 -0.11	39.49 2.02 -3.09	38.26 2.33 -0.76	42.88 2.53 -2.78	48.07 3.00 -1.25	78.80 4.55 0.00	122.94 6.41 0.00	44.55 1.68 0.00	36.36 1.19 0.00	28.28 0.98 8.03
TILDEN___115KV_TB1 80814	38.24 -0.01 0.00	36.20 0.04 0.00	36.68 0.04 0.00	40.83 -0.07 0.00	41.82 -0.09 0.00	37.69 -0.10 0.00	62.54 -0.27 -4.88	68.04 -0.34 0.00	88.59 -0.47 0.00	31.42 -0.12 0.00	28.54 -0.07 0.00	29.75 -0.11 0.00	33.44 -0.11 0.00	37.95 -0.21 0.00	36.61 -0.21 0.00	34.16 -0.22 0.00	34.94 -0.24 0.00	37.35 -0.23 0.00	43.61 -0.21 0.00	74.02 -0.23 0.00	116.22 -0.31 0.00	42.66 -0.21 0.00	35.02 -0.15 0.00	35.23 -0.11 0.00

TRIGEN___CC 323695	39.71 1.47 0.00	37.43 1.27 0.00	37.89 1.25 0.00	42.24 1.34 0.00	43.26 1.35 0.00	39.16 1.39 0.00	60.63 2.70 0.00	71.77 3.40 0.00	92.75 3.69 0.00	33.11 1.57 0.00	30.16 1.55 0.00	31.35 1.48 0.00	35.21 1.66 -0.01	40.10 1.94 0.00	39.67 2.04 -0.81	60.16 2.19 -23.59	43.31 2.34 -5.79	61.27 2.49 -21.20	56.22 2.84 -9.55	78.74 4.49 0.00	123.02 6.49 0.00	45.13 2.25 0.00	36.89 1.72 0.00	38.11 1.59 -1.19
TRINITY___115KV___4 BK 55933	38.58 0.34 0.00	36.56 0.40 0.00	37.01 0.37 0.00	41.29 0.38 0.00	42.26 0.35 0.00	38.07 0.29 0.00	58.39 0.45 0.00	68.94 0.56 0.00	89.44 0.37 0.00	31.73 0.18 0.00	28.72 0.11 0.00	29.98 0.12 0.00	33.70 0.15 0.00	38.72 0.57 0.00	37.37 0.55 0.00	34.89 0.50 0.00	35.72 0.54 0.00	38.20 0.63 0.00	44.52 0.70 0.00	75.28 1.03 0.00	117.81 1.28 0.00	43.43 0.55 0.00	35.58 0.41 0.00	35.57 0.23 0.00
UNION___PROCESSING_DRP 323587	37.95 -0.29 0.00	35.88 -0.28 0.00	36.36 -0.28 0.00	40.26 -0.64 0.00	41.32 -0.59 0.00	37.37 -0.41 0.00	56.50 -1.44 0.00	66.36 -2.02 0.00	87.10 -1.97 0.00	30.83 -0.72 0.00	28.07 -0.54 0.00	29.28 -0.58 0.00	32.86 -0.58 0.12	37.31 -0.84 0.00	35.82 -1.00 0.00	33.37 -1.02 0.00	34.01 -1.17 0.00	36.11 -1.47 0.00	42.26 -1.57 0.00	71.72 -2.54 0.00	113.41 -3.12 0.00	41.48 -1.39 0.00	34.24 -0.93 0.00	34.64 -0.70 0.00
UPPER HUDSON___HYD 24058	39.14 0.89 0.00	37.03 0.87 0.00	37.54 0.90 0.00	41.98 1.09 0.00	42.99 1.08 0.00	38.93 1.14 0.00	60.09 2.15 0.00	70.71 2.33 0.00	91.67 2.61 0.00	32.02 0.47 0.00	28.90 0.29 0.00	30.23 0.37 0.00	33.92 0.37 0.00	38.69 0.53 0.00	37.43 0.61 0.00	35.18 0.79 0.00	36.04 0.86 0.00	38.77 1.19 0.00	45.35 1.53 0.00	77.06 2.81 0.00	120.64 4.11 0.00	44.28 1.40 0.00	36.23 1.06 0.00	36.22 0.89 0.00
UPPER RAQUET___HYD 24056	37.90 -0.35 0.00	35.51 -0.65 0.00	36.02 -0.63 0.00	40.51 -0.39 0.00	41.65 -0.26 0.00	37.73 -0.06 0.00	243.69 0.35 -185.40	68.35 -0.03 -0.01	89.14 0.08 0.00	31.45 -0.10 0.00	28.28 -0.34 0.00	29.38 -0.49 0.00	32.87 -0.67 0.00	37.28 -0.87 0.00	35.94 -0.88 0.00	33.67 -0.72 0.00	34.56 -0.62 0.00	37.04 -0.54 0.00	43.17 -0.66 0.00	73.65 -0.60 0.00	116.00 -0.53 0.00	42.56 -0.31 0.00	34.83 -0.34 0.00	35.06 -0.27 0.00
VALLEY44_115KV_TB2 355964	38.57 0.33 0.00	36.58 0.42 0.00	37.11 0.47 0.00	41.12 0.22 0.00	42.18 0.27 0.00	38.00 0.22 0.00	57.21 -0.73 0.00	67.02 -1.36 0.00	88.14 -0.92 0.00	30.95 -0.60 0.00	28.20 -0.41 0.00	29.55 -0.31 0.00	33.29 -0.26 0.00	37.68 -0.48 0.00	35.96 -0.86 0.00	33.48 -0.90 0.00	34.15 -1.03 0.00	36.08 -1.50 0.00	42.01 -1.81 0.00	71.97 -2.29 0.00	113.35 -3.18 0.00	41.22 -1.66 0.00	34.01 -1.16 0.00	34.55 -0.78 0.00
VALLEY___115KV_TB 1-4 80826	38.30 0.05 0.00	36.23 0.07 0.00	36.65 0.00 0.00	40.90 0.00 0.00	41.89 -0.02 0.00	37.79 0.01 0.00	64.13 0.23 -5.96	68.63 0.25 0.00	88.58 -0.48 0.00	31.01 -0.54 0.00	28.03 -0.58 0.00	29.42 -0.44 0.00	33.15 -0.40 0.00	37.63 -0.52 0.00	36.36 -0.46 0.00	33.95 -0.44 0.00	34.80 -0.38 0.00	37.32 -0.26 0.00	43.88 0.06 0.00	74.59 0.34 0.00	116.91 0.38 0.00	43.12 0.24 0.00	35.28 0.11 0.00	35.25 -0.09 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.00 1.76 0.00	37.95 1.79 0.00	38.48 1.84 0.00	42.91 2.01 0.00	44.04 2.13 0.00	39.77 1.98 0.00	61.10 3.16 0.00	72.16 3.78 0.00	93.76 4.70 0.00	33.08 1.53 0.00	30.00 1.39 0.00	31.33 1.47 0.00	35.33 1.77 0.00	40.19 2.04 0.00	38.69 1.87 0.00	36.14 1.75 0.00	36.94 1.76 0.00	39.55 1.97 0.00	46.18 2.36 0.00	78.20 3.95 0.00	122.66 6.13 0.00	45.13 2.25 0.00	36.99 1.82 0.00	37.14 1.81 0.00
VISCHER___FERRY HYD 24020	39.01 0.77 0.00	36.95 0.79 0.00	37.43 0.79 0.00	41.78 0.89 0.00	42.79 0.88 0.00	38.62 0.84 0.00	59.31 1.37 0.00	69.94 1.56 0.00	90.83 1.77 0.00	32.04 0.49 0.00	28.97 0.36 0.00	30.30 0.43 0.00	34.05 0.50 0.00	38.95 0.79 0.00	37.64 0.83 0.00	35.26 0.87 0.00	36.06 0.88 0.00	38.61 1.03 0.00	45.06 1.24 0.00	76.34 2.09 0.00	119.42 2.89 0.00	43.99 1.12 0.00	35.99 0.82 0.00	36.01 0.68 0.00
V_A_10_SYNC_DSASP 323832	37.38 -0.87 0.00	35.33 -0.83 0.00	35.79 -0.85 0.00	39.55 -1.35 0.00	40.55 -1.36 0.00	36.68 -1.10 0.00	54.96 -2.98 0.00	64.36 -4.02 0.00	84.71 -4.35 0.00	30.05 -1.50 0.00	27.42 -1.19 0.00	28.58 -1.29 0.00	30.80 -1.32 1.42	35.45 -1.71 1.00	34.43 -1.88 0.51	32.25 -1.88 0.26	32.69 -2.12 0.37	31.20 -2.59 3.79	37.95 -2.90 2.98	69.31 -4.94 0.00	109.90 -6.63 0.00	40.16 -2.72 0.00	33.29 -1.88 0.00	33.85 -1.49 0.00
V_CMM_10_SYNC_DSASP 323787	38.50 0.26 0.00	36.18 0.02 0.00	36.68 0.04 0.00	41.16 0.27 0.00	42.24 0.33 0.00	38.14 0.36 0.00	32.10 0.77 26.61	69.12 0.74 0.00	90.33 1.27 0.00	31.92 0.37 0.00	28.88 0.27 0.00	30.12 0.25 0.00	33.72 0.17 0.00	38.32 0.17 0.00	36.94 0.12 0.00	34.54 0.15 0.00	35.30 0.12 0.00	37.70 0.12 0.00	43.87 0.05 0.00	74.43 0.18 0.00	117.06 0.53 0.00	43.06 0.18 0.00	35.29 0.12 0.00	35.56 0.23 0.00
V_CMP_10_SYNC_DSASP 323788	38.44 0.19 0.00	36.06 -0.10 0.00	36.70 0.06 0.00	41.71 0.81 0.00	43.09 1.18 0.00	39.11 1.33 0.00	165.28 2.48 -104.86	70.21 1.83 0.00	92.33 3.27 0.00	32.41 0.87 0.00	29.02 0.40 0.00	30.15 0.28 0.00	33.57 0.02 0.00	38.16 0.01 0.00	36.80 -0.02 0.00	34.67 0.28 0.00	35.47 0.29 0.00	38.05 0.47 0.00	44.31 0.49 0.00	74.60 0.35 0.00	116.95 0.42 0.00	43.09 0.21 0.00	35.37 0.20 0.00	35.78 0.45 0.00
V_D_10_SYNC_DSASP 323841	38.73 0.48 0.00	36.37 0.21 0.00	36.88 0.24 0.00	41.40 0.51 0.00	42.50 0.59 0.00	38.41 0.62 0.00	309.26 1.23 -250.08	69.67 1.29 -0.01	91.05 1.99 0.00	32.10 0.55 0.00	29.01 0.39 0.00	30.22 0.35 0.00	33.82 0.27 0.00	38.40 0.24 0.00	37.02 0.20 0.00	34.65 0.26 0.00	35.46 0.27 0.00	37.88 0.30 0.00	44.08 0.26 0.00	74.92 0.66 0.00	117.94 1.41 0.00	43.34 0.46 0.00	35.52 0.35 0.00	35.79 0.46 0.00
V_E_10_SYNC_DSASP 323830	41.19 2.95 0.00	39.05 2.89 0.00	39.70 3.06 0.00	44.20 3.31 0.00	45.59 3.68 0.00	41.35 3.57 0.00	63.91 5.97 0.00	75.33 6.96 0.00	97.60 8.54 0.00	33.87 2.33 0.00	30.49 1.88 0.00	31.63 1.77 0.00	36.19 2.17 -0.47	40.51 2.01 -0.34	38.39 1.40 -0.17	35.72 1.25 -0.09	36.29 0.99 -0.13	40.53 1.65 -1.30	46.76 1.92 -1.02	77.56 3.30 0.00	122.67 6.14 0.00	44.86 1.98 0.00	36.49 1.32 0.00	36.91 1.57 0.00
V_F_30_NSYNC___DSASP 323816	39.47 1.22 0.00	37.37 1.21 0.00	37.88 1.24 0.00	42.31 1.41 0.00	43.32 1.41 0.00	39.18 1.40 0.00	60.28 2.35 0.00	71.00 2.62 0.00	92.04 2.98 0.00	32.29 0.74 0.00	29.19 0.58 0.00	30.53 0.66 0.00	34.35 0.80 0.00	39.18 1.03 0.00	37.90 1.08 0.00	35.52 1.13 0.00	36.36 1.18 0.00	39.00 1.42 0.00	45.67 1.85 0.00	77.50 3.25 0.00	121.30 4.77 0.00	44.58 1.70 0.00	36.46 1.29 0.00	36.50 1.17 0.00



V_F_30_SYNC_DSASP 323786	38.75 0.50 0.00	36.70 0.54 0.00	37.15 0.51 0.00	41.44 0.55 0.00	42.43 0.52 0.00	38.24 0.46 0.00	58.68 0.74 0.00	69.27 0.89 0.00	89.88 0.82 0.00	31.88 0.34 0.00	28.86 0.25 0.00	30.12 0.26 0.00	33.89 0.34 0.00	38.92 0.76 0.00	37.56 0.74 0.00	35.07 0.68 0.00	35.87 0.69 0.00	38.36 0.79 0.00	44.74 0.91 0.00	75.69 1.44 0.00	118.39 1.86 0.00	43.63 0.75 0.00	35.75 0.58 0.00	35.71 0.38 0.00
V_XM_10_SYNC_DSASP 323789	38.44 0.19 0.00	36.06 -0.10 0.00	36.70 0.06 0.00	41.71 0.81 0.00	43.09 1.18 0.00	39.11 1.33 0.00	165.28 2.48 -104.86	70.21 1.83 0.00	92.33 3.27 0.00	32.41 0.87 0.00	29.02 0.40 0.00	30.15 0.28 0.00	33.57 0.02 0.00	38.16 0.01 0.00	36.80 -0.02 0.00	34.67 0.28 0.00	35.47 0.29 0.00	38.05 0.47 0.00	44.31 0.49 0.00	74.60 0.35 0.00	116.95 0.42 0.00	43.09 0.21 0.00	35.37 0.20 0.00	35.78 0.45 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.18 0.93 0.00	37.09 0.93 0.00	37.55 0.90 0.00	41.83 0.93 0.00	42.89 0.98 0.00	39.00 1.22 0.00	60.21 2.27 0.00	71.43 3.05 0.00	92.56 3.50 0.00	32.84 1.29 0.00	29.80 1.19 0.00	30.88 1.02 0.00	34.76 1.21 0.00	39.66 1.51 0.00	38.37 1.54 0.00	35.92 1.53 0.00	36.86 1.68 0.00	39.36 1.78 0.00	45.95 2.12 0.00	77.76 3.51 0.00	121.60 5.07 0.00	44.76 1.88 0.00	36.62 1.45 0.00	36.59 1.25 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	39.52 1.27 0.00	37.37 1.21 0.00	37.78 1.14 0.00	42.08 1.18 0.00	43.12 1.22 0.00	39.07 1.29 0.00	60.37 2.43 0.00	71.86 3.48 0.00	93.11 4.05 0.00	33.10 1.56 0.00	30.14 1.52 0.00	31.37 1.51 0.00	35.24 1.69 0.00	40.19 2.03 0.00	38.88 2.06 0.00	36.38 1.99 0.00	37.35 2.17 0.00	39.81 2.23 0.00	46.45 2.63 0.00	78.53 4.28 0.00	122.66 6.13 0.00	45.17 2.29 0.00	36.99 1.81 0.00	36.92 1.58 0.00
W50THST__13_KV_LOAD 356117	39.72 1.48 0.00	37.55 1.39 0.00	37.95 1.31 0.00	42.25 1.36 0.00	43.31 1.40 0.00	39.25 1.46 0.00	60.70 2.76 0.00	72.30 3.92 0.00	93.76 4.69 0.00	33.35 1.80 0.00	30.38 1.77 0.00	31.62 1.76 0.00	35.53 1.98 0.00	40.52 2.36 0.00	39.19 2.37 0.00	36.67 2.28 0.00	37.63 2.45 0.00	40.11 2.53 0.00	46.78 2.96 0.00	79.03 4.78 0.00	123.43 6.90 0.00	45.43 2.56 0.00	37.19 2.02 0.00	37.10 1.76 0.00
WADING RIVER_IC_1 23522	39.65 1.41 0.00	37.09 0.93 0.00	37.56 0.92 0.00	42.17 1.27 0.00	43.21 1.30 0.00	39.19 1.41 0.00	60.78 2.84 0.00	71.31 2.93 0.00	91.68 2.61 0.00	32.80 1.25 0.00	29.95 1.34 0.00	30.77 0.90 0.00	34.54 0.99 0.00	39.32 1.16 0.00	38.29 1.36 -0.11	39.20 1.74 -3.08	37.97 2.04 -0.76	42.51 2.16 -2.76	47.82 2.75 -1.25	78.50 4.25 0.00	122.51 5.98 0.00	44.36 1.48 0.00	36.21 1.04 0.00	28.71 0.83 7.45
WADING RIVER_IC_2 23547	39.65 1.41 0.00	37.09 0.93 0.00	37.56 0.92 0.00	42.17 1.27 0.00	43.21 1.30 0.00	39.19 1.41 0.00	60.78 2.84 0.00	71.31 2.93 0.00	91.68 2.61 0.00	32.80 1.25 0.00	29.95 1.34 0.00	30.77 0.90 0.00	34.54 0.99 0.00	39.32 1.16 0.00	38.29 1.36 -0.11	39.20 1.74 -3.08	37.97 2.04 -0.76	42.51 2.16 -2.76	47.82 2.75 -1.25	78.50 4.25 0.00	122.51 5.98 0.00	44.36 1.48 0.00	36.21 1.04 0.00	28.71 0.83 7.45
WADING RIVER_IC_3 23601	39.65 1.41 0.00	37.09 0.93 0.00	37.56 0.92 0.00	42.17 1.27 0.00	43.21 1.30 0.00	39.19 1.41 0.00	60.78 2.84 0.00	71.31 2.93 0.00	91.68 2.61 0.00	32.80 1.25 0.00	29.95 1.34 0.00	30.77 0.90 0.00	34.54 0.99 0.00	39.32 1.16 0.00	38.29 1.36 -0.11	39.20 1.74 -3.08	37.97 2.04 -0.76	42.51 2.16 -2.76	47.82 2.75 -1.25	78.50 4.25 0.00	122.51 5.98 0.00	44.36 1.48 0.00	36.21 1.04 0.00	28.71 0.83 7.45
WALDENNY_12_KV_BK2 80841	38.13 -0.11 0.00	35.99 -0.17 0.00	36.46 -0.18 0.00	40.23 -0.67 0.00	41.27 -0.64 0.00	37.42 -0.36 0.00	55.99 -1.95 0.00	65.45 -2.93 0.00	86.51 -2.55 0.00	30.54 -1.00 0.00	27.89 -0.72 0.00	29.03 -0.84 0.00	31.11 -0.84 1.60	35.85 -1.18 1.13	34.80 -1.45 0.58	32.62 -1.48 0.29	33.02 -1.74 0.42	30.94 -2.36 4.28	37.85 -2.61 3.36	70.13 -4.12 0.00	111.19 -5.34 0.00	40.52 -2.36 0.00	33.67 -1.51 0.00	34.24 -1.10 0.00
WALDEN__HYDRO 24148	39.32 1.08 0.00	37.23 1.07 0.00	37.69 1.04 0.00	41.99 1.09 0.00	43.02 1.11 0.00	38.93 1.15 0.00	60.06 2.12 0.00	71.25 2.87 0.00	92.34 3.27 0.00	32.71 1.16 0.00	29.64 1.03 0.00	30.84 0.97 0.00	34.76 1.21 0.00	39.73 1.57 0.00	38.40 1.58 0.00	35.90 1.51 0.00	36.84 1.66 0.00	39.42 1.85 0.00	46.03 2.21 0.00	77.97 3.72 0.00	121.99 5.46 0.00	44.90 2.02 0.00	36.74 1.57 0.00	36.70 1.37 0.00
WARRENSBURG____ 23737	39.14 0.90 0.00	37.03 0.87 0.00	37.54 0.90 0.00	41.98 1.09 0.00	42.99 1.08 0.00	38.93 1.15 0.00	60.09 2.15 0.00	70.71 2.33 0.00	91.67 2.61 0.00	32.02 0.48 0.00	28.90 0.29 0.00	30.23 0.37 0.00	33.92 0.38 0.00	38.68 0.52 0.00	37.43 0.61 0.00	35.18 0.79 0.00	36.04 0.86 0.00	38.77 1.19 0.00	45.36 1.53 0.00	77.08 2.82 0.00	120.64 4.11 0.00	44.28 1.40 0.00	36.23 1.07 0.00	36.22 0.89 0.00
WATERSIDE____6 8 9 23538	36.08 1.34 3.51	33.80 1.30 3.66	34.43 1.24 3.46	39.60 1.30 2.59	40.83 1.31 2.39	35.89 1.39 3.28	60.22 2.59 0.31	71.45 3.65 0.58	104.57 4.23 -11.28	45.38 1.62 -12.21	48.27 1.57 -18.08	36.69 1.55 -5.27	32.13 1.75 3.17	37.50 2.09 2.75	35.09 2.11 3.84	33.77 2.05 2.67	54.43 2.25 -17.00	40.09 2.33 -0.18	44.64 2.74 1.92	76.59 4.39 2.05	120.59 6.34 2.29	34.71 2.41 10.58	32.02 1.90 5.05	32.95 1.67 4.06
WATKINRD_115KV_LN8_ILLION 55919	38.32 0.07 0.00	36.25 0.09 0.00	36.70 0.06 0.00	40.95 0.05 0.00	41.95 0.04 0.00	37.85 0.07 0.00	64.15 0.25 -5.96	68.64 0.26 0.00	88.80 -0.26 0.00	31.21 -0.34 0.00	28.26 -0.35 0.00	29.61 -0.26 0.00	33.32 -0.23 0.00	37.87 -0.29 0.00	36.59 -0.23 0.00	34.18 -0.21 0.00	35.00 -0.18 0.00	37.52 -0.06 0.00	44.00 0.18 0.00	74.75 0.50 0.00	117.11 0.58 0.00	43.16 0.28 0.00	35.32 0.15 0.00	35.34 0.00 0.00
WATSON__69_KV_BK 1 55734	40.20 1.96 0.00	37.74 1.57 0.00	38.23 1.59 0.00	42.70 1.81 0.00	43.76 1.85 0.00	39.68 1.90 0.00	61.55 3.61 0.00	72.54 4.16 0.00	93.51 4.45 0.00	33.47 1.93 0.00	30.44 1.83 0.00	31.52 1.65 0.00	35.35 1.80 0.00	40.26 2.11 0.00	39.21 2.25 -0.15	41.28 2.61 -4.29	39.10 2.87 -1.05	44.48 3.05 -3.85	49.10 3.54 -1.74	79.96 5.71 0.00	124.86 8.33 0.00	45.49 2.61 0.00	37.12 1.95 0.00	37.34 1.78 -0.22
WDELAWARE__HYD 323627	39.50 1.26 0.00	37.67 1.52 0.00	38.17 1.53 0.00	42.57 1.68 0.00	43.64 1.73 0.00	39.52 1.74 0.00	60.97 3.03 0.00	72.27 3.89 0.00	93.66 4.59 0.00	33.06 1.52 0.00	29.91 1.29 0.00	31.10 1.23 0.00	35.23 1.68 0.00	40.24 2.09 0.00	38.84 2.02 0.00	36.31 1.92 0.00	37.27 2.09 0.00	39.91 2.33 0.00	46.66 2.83 0.00	79.04 4.79 0.00	123.65 7.12 0.00	45.47 2.59 0.00	37.19 2.02 0.00	37.18 1.84 0.00

WEST BABYLON___IC 23714	40.13 1.89 0.00	37.73 1.57 0.00	38.19 1.55 0.00	42.63 1.74 0.00	43.67 1.76 0.00	39.58 1.80 0.00	61.38 3.44 0.00	72.45 4.08 0.00	93.49 4.43 0.00	33.41 1.87 0.00	30.38 1.77 0.00	31.51 1.64 0.00	35.36 1.81 0.00	40.26 2.10 0.00	39.30 2.24 -0.24	43.91 2.60 -6.92	39.67 2.79 -1.70	46.80 3.00 -6.22	50.07 3.44 -2.80	79.84 5.59 0.00	124.67 8.15 0.00	45.49 2.61 0.00	37.13 1.96 0.00	37.48 1.79 -0.36
WEST CANADA___HYD 24049	38.22 -0.03 0.00	36.16 0.00 0.00	36.64 0.00 0.00	40.90 0.00 0.00	41.90 -0.01 0.00	37.78 0.00 0.00	63.92 0.02 -5.96	68.44 0.06 0.00	89.01 -0.06 0.00	31.48 -0.06 0.00	28.55 -0.06 0.00	29.83 -0.03 0.00	33.51 -0.04 0.00	38.11 -0.05 0.00	36.78 -0.04 0.00	34.35 -0.04 0.00	35.15 -0.03 0.00	37.58 0.00 0.00	43.87 0.05 0.00	74.39 0.14 0.00	116.67 0.14 0.00	42.96 0.08 0.00	35.21 0.04 0.00	35.34 0.00 0.00
WESTERN_NY_WIND 24143	38.55 0.30 0.00	36.41 0.25 0.00	36.90 0.26 0.00	40.76 -0.14 0.00	41.87 -0.04 0.00	37.99 0.20 0.00	57.02 -0.92 0.00	66.90 -1.48 0.00	88.10 -0.96 0.00	31.08 -0.47 0.00	28.21 -0.40 0.00	29.37 -0.49 0.00	31.58 -0.44 1.54	36.31 -0.76 1.09	35.27 -0.99 0.55	33.09 -1.02 0.28	33.66 -1.12 0.40	31.76 -1.70 4.12	38.94 -1.64 3.24	71.90 -2.35 0.00	114.06 -2.47 0.00	41.57 -1.31 0.00	34.42 -0.75 0.00	34.89 -0.44 0.00
WESTOVER___LESR 323668	38.40 0.16 0.00	36.39 0.23 0.00	36.88 0.24 0.00	41.06 0.16 0.00	42.07 0.16 0.00	37.92 0.14 0.00	58.03 0.09 0.00	68.41 0.02 0.00	89.16 0.10 0.00	31.48 -0.07 0.00	28.60 -0.01 0.00	29.85 -0.01 0.00	33.63 0.08 0.00	38.14 -0.01 0.00	36.64 -0.18 0.00	34.18 -0.21 0.00	34.97 -0.21 0.00	37.36 -0.22 0.00	43.59 -0.23 0.00	74.07 -0.19 0.00	116.30 -0.23 0.00	42.67 -0.21 0.00	35.00 -0.17 0.00	35.23 -0.11 0.00
WETHRSFD_WT_PWR 323626	37.43 -0.82 0.00	35.42 -0.74 0.00	35.91 -0.73 0.00	39.87 -1.03 0.00	40.99 -0.92 0.00	37.07 -0.71 0.00	55.81 -2.13 0.00	65.31 -3.07 0.00	85.59 -3.47 0.00	29.91 -1.64 0.00	26.99 -1.62 0.00	27.81 -2.05 0.00	16.96 -2.29 14.30	25.10 -2.80 10.25	28.40 -3.18 5.24	28.58 -3.15 2.66	28.29 -3.12 3.77	-4.86 -3.57 38.87	9.21 -4.06 30.55	68.11 -6.13 0.01	107.99 -8.54 0.00	39.59 -3.29 0.00	32.61 -2.56 0.00	33.12 -2.21 0.00
WHAVSTOR_138KV_BK127 55557	39.03 0.78 0.00	36.96 0.80 0.00	37.41 0.77 0.00	41.68 0.78 0.00	42.72 0.82 0.00	38.66 0.88 0.00	59.64 1.70 0.00	70.76 2.38 0.00	91.66 2.60 0.00	32.54 0.99 0.00	29.54 0.93 0.00	30.76 0.89 0.00	34.62 1.07 0.00	39.51 1.35 0.00	38.21 1.39 0.00	35.77 1.39 0.00	36.71 1.53 0.00	39.20 1.62 0.00	45.75 1.92 0.00	77.40 3.15 0.00	121.04 4.51 0.00	44.56 1.69 0.00	36.48 1.31 0.00	36.45 1.12 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	39.03 0.78 0.00	36.96 0.80 0.00	37.41 0.77 0.00	41.68 0.78 0.00	42.72 0.82 0.00	38.66 0.88 0.00	59.64 1.70 0.00	70.76 2.38 0.00	91.66 2.60 0.00	32.54 0.99 0.00	29.54 0.93 0.00	30.76 0.89 0.00	34.62 1.07 0.00	39.51 1.35 0.00	38.21 1.39 0.00	35.77 1.39 0.00	36.71 1.53 0.00	39.20 1.62 0.00	45.75 1.92 0.00	77.40 3.15 0.00	121.04 4.51 0.00	44.56 1.69 0.00	36.48 1.31 0.00	36.45 1.12 0.00
WHITEHAL_115KV_TB1 80871	39.58 1.33 0.00	37.43 1.27 0.00	37.99 1.35 0.00	42.67 1.77 0.00	43.64 1.73 0.00	39.65 1.86 0.00	61.89 3.95 0.00	72.26 3.88 0.00	93.84 4.78 0.00	32.49 0.94 0.00	29.28 0.67 0.00	30.66 0.80 0.00	34.20 0.65 0.00	38.96 0.80 0.00	37.76 0.94 0.00	35.98 1.59 0.00	36.92 1.75 0.00	39.76 2.18 0.00	46.54 2.71 0.00	79.32 5.07 0.00	123.85 7.32 0.00	45.28 2.41 0.00	36.69 1.52 0.00	36.65 1.31 0.00
WHITEPLN_13_KV_LOAD 356215	39.64 1.39 0.00	37.50 1.34 0.00	37.92 1.28 0.00	42.24 1.34 0.00	43.30 1.39 0.00	39.21 1.43 0.00	60.61 2.67 0.00	72.03 3.65 0.00	93.38 4.31 0.00	33.15 1.61 0.00	30.14 1.53 0.00	31.37 1.50 0.00	35.26 1.71 0.00	40.22 2.07 0.00	38.93 2.11 0.00	36.45 2.06 0.00	37.42 2.24 0.00	39.95 2.37 0.00	46.62 2.80 0.00	78.85 4.60 0.00	123.23 6.70 0.00	45.34 2.46 0.00	37.08 1.91 0.00	37.03 1.69 0.00
WM_FLOYD_69_KV_BK2 356380	39.83 1.58 0.00	37.30 1.13 0.00	37.77 1.12 0.00	42.33 1.44 0.00	43.38 1.47 0.00	39.35 1.57 0.00	61.04 3.11 0.00	71.73 3.35 0.00	92.33 3.26 0.00	33.04 1.49 0.00	30.10 1.49 0.00	30.95 1.09 0.00	34.79 1.24 0.00	39.59 1.44 0.00	38.55 1.62 -0.11	39.51 1.98 -3.15	38.28 2.33 -0.77	42.87 2.46 -2.83	48.09 3.00 -1.27	78.94 4.69 0.00	123.21 6.68 0.00	44.73 1.85 0.00	36.50 1.33 0.00	26.86 1.15 9.62
WOODARD___115KV_TB2 355635	38.00 -0.25 0.00	35.95 -0.21 0.00	36.44 -0.20 0.00	40.56 -0.33 0.00	41.56 -0.34 0.00	37.43 -0.36 0.00	62.49 -0.72 -5.26	67.51 -0.87 0.00	87.94 -1.13 0.00	31.21 -0.33 0.00	28.36 -0.26 0.00	29.57 -0.30 0.00	33.23 -0.31 0.00	37.73 -0.43 0.00	36.41 -0.41 0.00	33.97 -0.42 0.00	34.73 -0.45 0.00	37.11 -0.47 0.00	43.32 -0.51 0.00	73.44 -0.81 0.00	115.40 -1.13 0.00	42.36 -0.51 0.00	34.80 -0.37 0.00	35.02 -0.32 0.00
YORK___WARBASSE 23770	57.37 1.62 -17.49	56.00 1.57 -18.26	55.43 1.53 -17.26	55.43 1.60 -12.93	55.46 1.64 -11.91	56.12 1.67 -16.66	62.54 2.95 -1.65	79.49 4.13 -6.98	109.80 4.82 -15.92	82.85 1.80 -49.51	81.22 1.72 -50.89	84.72 1.68 -53.18	56.54 1.95 -21.04	58.70 2.34 -18.21	64.61 2.34 -25.45	57.49 2.27 -20.82	91.63 2.45 -54.00	60.80 2.54 -20.67	59.04 3.03 -12.19	89.36 4.87 -10.24	135.05 7.10 -11.42	98.37 2.71 -52.78	62.54 2.16 -25.21	57.55 1.95 -20.26