

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

03/19/2025

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	46.92	43.42	43.83	40.48	38.78	48.24	91.32	146.40	46.88	35.73	34.29	31.45	30.43	23.65	32.17	28.59	31.85	38.37	49.21	76.32	76.27	48.75	36.70	33.51
24138	1.70	1.64	1.60	1.48	1.53	2.39	4.51	8.53	2.65	2.12	1.90	1.60	1.55	1.36	1.88	1.79	2.00	2.35	2.81	4.23	4.29	2.75	1.99	1.62
	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	46.88	43.41	43.82	40.46	38.77	48.22	91.28	146.26	46.87	35.70	34.26	31.41	30.38	23.61	32.10	28.54	31.80	38.33	49.21	76.34	76.34	48.79	36.74	33.54
24260	1.66	1.63	1.59	1.46	1.52	2.38	4.47	8.39	2.64	2.09	1.86	1.56	1.50	1.32	1.80	1.74	1.94	2.32	2.81	4.25	4.36	2.80	2.03	1.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	46.88	43.41	43.82	40.46	38.77	48.22	91.28	146.26	46.87	35.70	34.26	31.41	30.38	23.61	32.10	28.54	31.80	38.33	49.21	76.34	76.34	48.79	36.74	33.54
24261	1.66	1.63	1.59	1.46	1.52	2.38	4.47	8.39	2.64	2.09	1.86	1.56	1.50	1.32	1.80	1.74	1.94	2.32	2.81	4.25	4.36	2.80	2.03	1.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	46.82	43.22	43.83	40.55	38.90	48.47	91.10	144.93	46.39	34.84	33.06	30.25	29.18	22.60	30.89	27.39	30.85	37.48	48.14	75.10	75.23	47.90	36.18	33.26
24011	1.60	1.44	1.60	1.55	1.65	2.63	4.29	7.06	2.16	1.23	0.66	0.40	0.30	0.31	0.60	0.60	0.99	1.46	1.74	3.01	3.25	1.91	1.47	1.37
	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	46.92	43.29	43.96	40.66	39.02	48.70	91.44	145.41	46.61	34.97	33.12	30.27	29.18	22.58	30.92	27.44	30.95	37.65	48.24	75.36	75.56	48.02	36.32	33.43
23798	1.70	1.51	1.73	1.66	1.77	2.86	4.64	7.54	2.37	1.36	0.72	0.43	0.30	0.30	0.63	0.65	1.09	1.64	1.84	3.27	3.58	2.03	1.61	1.54
	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	46.82	43.22	43.83	40.55	38.90	48.47	91.10	144.93	46.39	34.84	33.06	30.25	29.18	22.60	30.89	27.39	30.85	37.48	48.14	75.10	75.23	47.90	36.18	33.26
24028	1.60	1.44	1.60	1.55	1.65	2.63	4.29	7.06	2.16	1.23	0.66	0.40	0.30	0.31	0.60	0.60	0.99	1.46	1.74	3.01	3.25	1.91	1.47	1.37
	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	46.54	43.00	43.64	40.37	38.71	48.25	90.15	143.30	46.00	34.92	33.31	30.56	29.49	22.90	31.25	27.74	31.06	37.39	47.97	74.55	74.57	47.75	36.24	33.30
23527	1.32	1.21	1.41	1.37	1.46	2.40	3.35	5.43	1.77	1.30	0.91	0.72	0.61	0.62	0.95	0.94	1.20	1.37	1.57	2.46	2.58	1.76	1.52	1.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	45.77	42.33	42.87	39.64	37.96	47.14	88.54	141.11	45.12	34.14	32.70	30.07	29.11	22.61	30.76	27.28	30.45	36.70	47.11	73.16	73.13	46.69	35.31	32.37
24190	0.55	0.55	0.64	0.64	0.71	1.30	1.73	3.25	0.88	0.53	0.30	0.23	0.23	0.33	0.47	0.48	0.60	0.68	0.71	1.07	1.15	0.70	0.59	0.47
	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	46.28	42.74	43.24	39.88	37.93	46.00	87.76	138.64	44.62	33.89	32.89	30.29	29.26	22.45	30.50	26.93	29.99	36.25	46.91	72.97	72.81	46.50	35.08	32.28
355683	1.06	0.96	1.01	0.88	0.68	0.16	0.95	0.77	0.39	0.28	0.49	0.44	0.38	0.17	0.21	0.13	0.13	0.23	0.51	0.88	0.83	0.51	0.37	0.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	46.43	42.92	43.46	40.19	38.49	47.77	89.77	142.76	45.42	34.17	32.68	30.05	29.10	22.62	30.89	27.36	30.44	36.97	47.82	74.34	74.26	47.42	35.83	32.86
323833	1.21	1.14	1.22	1.19	1.24	1.93	2.97	4.89	1.18	0.56	0.29	0.20	0.22	0.33	0.60	0.56	0.59	0.95	1.42	2.25	2.27	1.42	1.11	0.97
	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	46.41	42.91	43.45	40.17	38.48	47.75	89.77	142.72	45.41	34.16	32.68	30.04	29.10	22.62	30.89	27.36	30.44	36.97	47.82	74.34	74.23	47.41	35.82	32.86
323834	1.19	1.12	1.22	1.18	1.23	1.91	2.96	4.85	1.17	0.55	0.29	0.20	0.22	0.33	0.60	0.56	0.58	0.95	1.42	2.25	2.25	1.42	1.10	0.97
	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	45.77	42.33	42.87	39.64	37.96	47.14	88.54	141.11	45.12	34.14	32.70	30.07	29.11	22.61	30.76	27.28	30.45	36.70	47.11	73.16	73.13	46.69	35.31	32.37
23571	0.55	0.55	0.64	0.64	0.71	1.30	1.73	3.25	0.88	0.53	0.30	0.23	0.23	0.33	0.47	0.48	0.60	0.68	0.71	1.07	1.15	0.70	0.59	0.47
	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	45.77 0.55 0.00	42.33 0.55 0.00	42.87 0.64 0.00	39.64 0.64 0.00	37.96 0.71 0.00	47.14 1.30 0.00	88.54 1.73 0.00	141.11 3.25 0.00	45.12 0.88 0.00	34.14 0.53 0.00	32.70 0.30 0.00	30.07 0.23 0.00	29.11 0.23 0.00	22.61 0.33 0.00	30.76 0.47 0.00	27.28 0.48 0.00	30.45 0.60 0.00	36.70 0.68 0.00	47.11 0.71 0.00	73.16 1.07 0.00	73.13 1.15 0.00	46.69 0.70 0.00	35.31 0.59 0.00	32.37 0.47 0.00
ALBANY___3 23573	45.77 0.55 0.00	42.33 0.55 0.00	42.87 0.64 0.00	39.64 0.64 0.00	37.96 0.71 0.00	47.14 1.30 0.00	88.54 1.73 0.00	141.11 3.25 0.00	45.12 0.88 0.00	34.14 0.53 0.00	32.70 0.30 0.00	30.07 0.23 0.00	29.11 0.23 0.00	22.61 0.33 0.00	30.76 0.47 0.00	27.28 0.48 0.00	30.45 0.60 0.00	36.70 0.68 0.00	47.11 0.71 0.00	73.16 1.07 0.00	73.13 1.15 0.00	46.69 0.70 0.00	35.31 0.59 0.00	32.37 0.47 0.00
ALBANY___4 23574	45.77 0.55 0.00	42.33 0.55 0.00	42.87 0.64 0.00	39.64 0.64 0.00	37.96 0.71 0.00	47.14 1.30 0.00	88.54 1.73 0.00	141.11 3.25 0.00	45.12 0.88 0.00	34.14 0.53 0.00	32.70 0.30 0.00	30.07 0.23 0.00	29.11 0.23 0.00	22.61 0.33 0.00	30.76 0.47 0.00	27.28 0.48 0.00	30.45 0.60 0.00	36.70 0.68 0.00	47.11 0.71 0.00	73.16 1.07 0.00	73.13 1.15 0.00	46.69 0.70 0.00	35.31 0.59 0.00	32.37 0.47 0.00
ALBANY___LFGE 323615	46.08 0.86 0.00	42.61 0.82 0.00	43.14 0.91 0.00	39.90 0.90 0.00	38.22 0.96 0.00	47.49 1.64 0.00	89.23 2.42 0.00	142.24 4.38 0.00	45.50 1.27 0.00	34.43 0.82 0.00	32.96 0.56 0.00	30.30 0.45 0.00	29.32 0.44 0.00	22.77 0.48 0.00	30.99 0.69 0.00	27.48 0.68 0.00	30.71 0.85 0.00	37.04 1.03 0.00	47.56 1.16 0.00	73.88 1.79 0.00	73.78 1.80 0.00	47.09 1.10 0.00	35.58 0.87 0.00	32.62 0.73 0.00
ALCOA_PA_115KV_PL-6C 55860	46.41 1.19 0.00	42.85 1.07 0.00	43.35 1.12 0.00	39.99 0.99 0.00	38.03 0.77 0.00	46.10 0.26 0.00	88.00 1.20 0.00	139.01 1.15 0.00	44.70 0.47 0.00	33.90 0.29 0.00	32.90 0.50 0.00	30.28 0.43 0.00	29.26 0.38 0.00	22.50 0.14 -0.06	30.47 0.18 0.00	26.90 0.11 0.00	29.98 0.12 0.00	36.27 0.25 0.00	47.02 0.62 0.00	73.16 1.07 0.00	72.97 0.99 0.00	46.60 0.60 0.00	35.13 0.42 0.00	32.32 0.43 0.00
ALCOA_RYNLDS___DRP 24188	46.41 1.19 0.00	42.85 1.07 0.00	43.35 1.12 0.00	39.99 0.99 0.00	38.03 0.77 0.00	46.10 0.26 0.00	88.00 1.20 0.00	139.01 1.15 0.00	44.70 0.47 0.00	33.90 0.29 0.00	32.90 0.50 0.00	30.28 0.43 0.00	29.26 0.38 0.00	22.50 0.14 -0.06	30.47 0.18 0.00	26.90 0.11 0.00	29.98 0.12 0.00	36.27 0.25 0.00	47.02 0.62 0.00	73.16 1.07 0.00	72.97 0.99 0.00	46.60 0.60 0.00	35.13 0.42 0.00	32.32 0.43 0.00
ALCOA___DSASP 323711	46.41 1.19 0.00	42.85 1.07 0.00	43.34 1.12 0.00	39.99 0.99 0.00	38.03 0.78 0.00	46.10 0.26 0.00	88.00 1.20 0.00	139.01 1.14 0.00	44.70 0.47 0.00	33.90 0.29 0.00	32.90 0.50 0.00	30.28 0.43 0.00	29.25 0.37 0.00	22.50 0.15 -0.06	30.47 0.18 0.00	26.90 0.11 0.00	29.98 0.12 0.00	36.27 0.25 0.00	47.02 0.62 0.00	73.16 1.07 0.00	72.97 0.99 0.00	46.60 0.60 0.00	35.13 0.42 0.00	32.33 0.44 0.00
ALLEGHENY___COGEN 23514	44.32 -0.90 0.00	40.80 -0.98 0.00	40.96 -1.27 0.00	37.69 -1.31 0.00	36.15 -1.11 0.00	45.45 -0.40 0.00	85.86 -0.95 0.00	175.81 -2.21 -40.15	66.33 -1.38 -23.47	57.49 -1.70 -25.59	45.78 -1.54 -14.93	50.86 -1.63 -22.63	50.68 -1.82 -23.62	41.54 -1.50 -20.75	52.41 -2.13 -24.25	47.67 -1.92 -22.79	52.13 -1.89 -24.16	62.45 -2.25 -28.68	76.56 -2.93 -33.08	114.63 -2.73 -45.27	113.60 -2.47 -44.08	74.98 -1.53 -30.51	55.06 -1.31 -21.65	31.38 -1.27 -0.76
ALTAMONT_115KV_TB 2 55880	45.85 0.63 0.00	42.40 0.61 0.00	42.90 0.67 0.00	39.65 0.65 0.00	37.96 0.70 0.00	46.98 1.13 0.00	88.34 1.54 0.00	140.76 2.89 0.00	45.09 0.86 0.00	34.22 0.61 0.00	32.82 0.42 0.00	30.18 0.34 0.00	29.24 0.36 0.00	22.69 0.40 0.00	30.87 0.58 0.00	27.36 0.56 0.00	30.49 0.63 0.00	36.76 0.75 0.00	47.36 0.95 0.00	73.52 1.44 0.00	73.58 1.60 0.00	46.97 0.98 0.00	35.47 0.76 0.00	32.52 0.63 0.00
ALTONA_WT_PWR 323606	47.68 2.46 0.00	43.95 2.17 0.00	44.56 2.32 0.00	40.89 1.89 0.00	38.75 1.50 0.00	46.92 1.08 0.00	88.99 2.18 0.00	139.86 1.99 0.00	44.72 0.49 0.00	33.86 0.25 0.00	33.01 0.62 0.00	30.23 0.38 0.00	28.95 0.07 0.00	19.15 -0.63 2.51	29.56 -0.73 0.00	26.20 -0.59 0.00	28.89 -0.97 0.00	35.49 -0.53 0.00	46.60 0.20 0.00	73.53 1.44 0.00	73.42 1.44 0.00	45.94 -0.05 0.00	34.29 -0.42 0.00	31.28 -0.61 0.00
AMERICAN_REF_FUEL 24010	41.84 -3.38 0.00	38.52 -3.26 0.00	38.64 -3.59 0.00	35.55 -3.45 0.00	34.10 -3.15 0.00	42.94 -2.91 0.00	79.56 -7.25 0.00	114.87 -13.08 9.92	34.46 -3.98 5.79	24.44 -2.86 6.32	25.71 -3.00 3.69	21.59 -2.67 5.59	20.44 -2.61 5.83	15.02 -2.15 5.12	21.59 -3.21 5.49	18.53 -3.10 5.16	21.26 -3.12 5.47	25.56 -3.96 6.50	33.55 -5.36 7.50	54.06 -7.80 10.23	54.04 -7.98 9.96	34.22 -4.88 6.89	26.25 -3.57 4.89	28.69 -3.03 0.17
ARKWRIGHT___SUMMIT_WT_PWR 323751	41.97 -3.25 0.00	38.46 -3.32 0.00	38.48 -3.75 0.00	35.32 -3.67 0.00	33.75 -3.50 0.00	42.96 -2.89 0.00	80.75 -6.06 0.00	122.75 -11.13 4.00	38.26 -3.63 2.34	28.75 -2.31 2.55	28.83 -2.08 1.49	25.88 -1.72 2.25	24.80 -1.73 2.35	18.38 -1.85 2.06	25.06 -2.81 2.42	21.98 -2.55 2.28	24.66 -2.79 2.41	29.78 -3.38 2.87	38.59 -4.50 3.30	62.41 -5.20 4.49	62.66 -4.96 4.36	38.80 -4.17 3.02	29.18 -3.39 2.14	28.76 -3.06 0.07
ARTHUR KILL_GT_1 23520	53.99 1.65 -7.12	53.16 1.69 -9.68	53.06 1.65 -9.18	52.76 1.47 -12.29	52.99 1.51 -14.22	55.41 2.26 -7.30	91.01 4.19 -0.01	147.23 8.19 -1.17	60.62 2.59 -13.79	54.27 1.99 -18.67	54.13 1.81 -19.93	53.57 1.45 -22.27	53.57 1.35 -23.33	52.68 1.18 -29.21	52.40 1.65 -20.45	53.47 1.64 -25.03	53.58 1.82 -21.89	57.72 2.19 -19.51	64.43 2.65 -15.38	90.44 3.92 -14.43	98.12 4.19 -21.95	80.80 2.88 -31.93	54.50 2.09 -17.69	53.59 1.69 -20.01
ARTHUR_KILL_2 23512	53.87 1.53 -7.12	53.05 1.59 -9.68	52.95 1.54 -9.18	52.66 1.37 -12.29	52.89 1.42 -14.22	55.28 2.14 -7.30	90.76 3.94 -0.01	146.81 7.77 -1.17	60.49 2.47 -13.79	54.19 1.91 -18.67	54.06 1.73 -19.93	53.51 1.39 -22.27	53.51 1.30 -23.33	52.64 1.14 -29.21	52.35 1.60 -20.45	53.41 1.58 -25.03	53.51 1.76 -21.89	57.62 2.09 -19.51	64.30 2.52 -15.38	90.22 3.70 -14.43	97.91 3.98 -21.95	80.67 2.74 -31.93	54.40 1.99 -17.69	53.51 1.60 -20.01
ARTHUR_KILL_3 23513	53.45 1.11 -7.12	52.58 1.12 -9.68	52.50 1.08 -9.18	52.30 1.01 -12.29	52.55 1.07 -14.23	54.93 1.78 -7.31	90.03 3.23 0.00	144.38 6.51 0.00	59.64 1.98 -13.42	53.21 1.60 -18.00	53.71 1.40 -19.92	51.49 1.14 -20.51	53.32 1.11 -23.33	52.54 1.04 -29.21	52.15 1.41 -20.45	53.23 1.40 -25.03	53.28 1.52 -21.90	57.37 1.84 -19.52	66.09 2.20 -17.49	93.45 3.27 -18.09	89.25 3.37 -13.89	80.11 2.19 -31.92	53.98 1.58 -17.69	53.24 1.24 -20.10

ARTHUR_KILL_COGEN 323718	53.99 1.65 -7.12	53.16 1.69 -9.68	53.06 1.65 -9.18	52.76 1.47 -12.29	52.99 1.51 -14.22	55.41 2.26 -7.30	91.01 4.19 -0.01	147.23 8.19 -1.17	60.62 2.59 -13.79	54.27 1.99 -18.67	54.13 1.81 -19.93	53.57 1.45 -22.27	53.57 1.35 -23.33	52.68 1.18 -29.21	52.40 1.65 -20.45	53.47 1.64 -25.03	53.58 1.82 -21.89	57.72 2.19 -19.51	64.43 2.65 -15.38	90.44 3.92 -14.43	98.12 4.19 -21.95	80.80 2.88 -31.93	54.50 2.09 -17.69	53.59 1.69 -20.01
ASHOKAN____ 23654	47.22 2.00 0.00	43.67 1.88 0.00	44.13 1.90 0.00	40.78 1.79 0.00	39.10 1.85 0.00	48.67 2.82 0.00	91.98 5.17 0.00	147.06 9.20 0.00	46.98 2.74 0.00	35.43 1.82 0.00	33.77 1.37 0.00	30.92 1.07 0.00	29.89 1.01 0.00	23.16 0.88 0.00	31.48 1.18 0.00	27.97 1.18 0.00	31.24 1.39 0.00	37.87 1.85 0.00	49.09 2.69 0.00	76.46 4.37 0.00	76.41 4.43 0.00	48.76 2.76 0.00	36.69 1.98 0.00	33.54 1.65 0.00
ASTORIA_EAST_ENERGY_CC1 323581	46.39 1.17 0.00	42.99 1.21 0.00	43.41 1.18 0.00	40.09 1.09 0.00	38.44 1.18 0.00	47.69 1.84 0.00	90.30 3.49 0.00	145.03 6.96 -0.21	46.41 2.18 0.00	35.35 1.73 -0.01	33.91 1.50 -0.01	31.15 1.32 0.01	30.13 1.26 0.01	23.41 1.13 0.00	31.87 1.57 -0.01	28.33 1.53 -0.01	31.53 1.67 0.00	38.04 2.02 0.00	48.76 2.36 0.01	75.62 3.53 0.00	75.66 3.68 0.00	48.40 2.40 -0.01	36.47 1.76 0.00	33.29 1.39 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	46.39 1.17 0.00	42.99 1.21 0.00	43.41 1.18 0.00	40.09 1.09 0.00	38.44 1.19 0.00	47.69 1.84 0.00	90.30 3.49 0.00	145.03 6.96 -0.21	46.41 2.18 0.00	35.35 1.73 -0.01	33.91 1.51 -0.01	31.15 1.31 0.01	30.13 1.26 0.01	23.41 1.13 0.00	31.87 1.57 -0.01	28.33 1.53 -0.01	31.53 1.67 0.00	38.04 2.02 0.00	48.75 2.36 0.01	75.62 3.53 0.00	75.66 3.68 0.00	48.40 2.40 -0.01	36.47 1.76 0.00	33.30 1.41 -0.01
ASTORIA_GT2_1 24094	46.41 1.19 0.00	43.02 1.23 0.00	43.43 1.20 0.00	40.10 1.10 0.00	38.46 1.20 0.00	47.72 1.87 0.00	90.35 3.54 0.00	145.13 7.05 -0.21	46.45 2.21 0.00	35.38 1.77 -0.01	33.95 1.55 -0.01	31.17 1.33 0.01	30.15 1.27 0.01	23.43 1.14 0.00	31.88 1.58 -0.01	28.34 1.54 -0.01	31.56 1.70 0.00	38.07 2.04 0.00	48.79 2.40 0.00	75.68 3.59 0.00	75.72 3.73 0.00	48.42 2.43 -0.01	36.49 1.77 0.00	33.31 1.42 -0.01
ASTORIA_GT2_2 24095	46.41 1.19 0.00	43.02 1.23 0.00	43.43 1.20 0.00	40.10 1.10 0.00	38.46 1.20 0.00	47.72 1.87 0.00	90.35 3.54 0.00	145.13 7.05 -0.21	46.45 2.21 0.00	35.38 1.77 -0.01	33.95 1.55 -0.01	31.17 1.33 0.01	30.15 1.27 0.01	23.43 1.14 0.00	31.88 1.58 -0.01	28.34 1.54 -0.01	31.56 1.70 0.00	38.07 2.04 0.00	48.79 2.40 0.00	75.68 3.59 0.00	75.72 3.73 0.00	48.42 2.43 -0.01	36.49 1.77 0.00	33.31 1.42 -0.01
ASTORIA_GT2_3 24096	46.41 1.19 0.00	43.02 1.23 0.00	43.43 1.20 0.00	40.10 1.10 0.00	38.46 1.20 0.00	47.72 1.87 0.00	90.35 3.54 0.00	145.13 7.05 -0.21	46.45 2.21 0.00	35.38 1.77 -0.01	33.95 1.55 -0.01	31.17 1.33 0.01	30.15 1.27 0.01	23.43 1.14 0.00	31.88 1.58 -0.01	28.34 1.54 -0.01	31.56 1.70 0.00	38.07 2.04 0.00	48.79 2.40 0.00	75.68 3.59 0.00	75.72 3.73 0.00	48.42 2.43 -0.01	36.49 1.77 0.00	33.31 1.42 -0.01
ASTORIA_GT2_4 24097	46.41 1.19 0.00	43.02 1.23 0.00	43.43 1.20 0.00	40.10 1.10 0.00	38.46 1.20 0.00	47.72 1.87 0.00	90.35 3.54 0.00	145.13 7.05 -0.21	46.45 2.21 0.00	35.38 1.77 -0.01	33.95 1.55 -0.01	31.17 1.33 0.01	30.15 1.27 0.01	23.43 1.14 0.00	31.88 1.58 -0.01	28.34 1.54 -0.01	31.56 1.70 0.00	38.07 2.04 0.00	48.79 2.40 0.00	75.68 3.59 0.00	75.72 3.73 0.00	48.42 2.43 -0.01	36.49 1.77 0.00	33.31 1.42 -0.01
ASTORIA_GT3_1 24098	46.41 1.19 0.00	43.02 1.23 0.00	43.43 1.20 0.00	40.10 1.10 0.00	38.46 1.20 0.00	47.72 1.87 0.00	90.35 3.54 0.00	145.13 7.05 -0.21	46.45 2.21 0.00	35.38 1.77 -0.01	33.95 1.55 -0.01	31.17 1.33 0.01	30.15 1.27 0.01	23.43 1.14 0.00	31.88 1.58 -0.01	28.34 1.54 -0.01	31.56 1.70 0.00	38.07 2.04 0.00	48.79 2.40 0.00	75.68 3.59 0.00	75.72 3.73 0.00	48.42 2.43 -0.01	36.49 1.77 0.00	33.31 1.42 -0.01
ASTORIA_GT3_2 24099	46.41 1.19 0.00	43.02 1.23 0.00	43.43 1.20 0.00	40.10 1.10 0.00	38.46 1.20 0.00	47.72 1.87 0.00	90.35 3.54 0.00	145.13 7.05 -0.21	46.45 2.21 0.00	35.38 1.77 -0.01	33.95 1.55 -0.01	31.17 1.33 0.01	30.15 1.27 0.01	23.43 1.14 0.00	31.88 1.58 -0.01	28.34 1.54 -0.01	31.56 1.70 0.00	38.07 2.04 0.00	48.79 2.40 0.00	75.68 3.59 0.00	75.72 3.73 0.00	48.42 2.43 -0.01	36.49 1.77 0.00	33.31 1.42 -0.01
ASTORIA_GT3_3 24100	46.41 1.19 0.00	43.02 1.23 0.00	43.43 1.20 0.00	40.10 1.10 0.00	38.46 1.20 0.00	47.72 1.87 0.00	90.35 3.54 0.00	145.13 7.05 -0.21	46.45 2.21 0.00	35.38 1.77 -0.01	33.95 1.55 -0.01	31.17 1.33 0.01	30.15 1.27 0.01	23.43 1.14 0.00	31.88 1.58 -0.01	28.34 1.54 -0.01	31.56 1.70 0.00	38.07 2.04 0.00	48.79 2.40 0.00	75.68 3.59 0.00	75.72 3.73 0.00	48.42 2.43 -0.01	36.49 1.77 0.00	33.31 1.42 -0.01
ASTORIA_GT3_4 24101	46.41 1.19 0.00	43.02 1.23 0.00	43.43 1.20 0.00	40.10 1.10 0.00	38.46 1.20 0.00	47.72 1.87 0.00	90.35 3.54 0.00	145.13 7.05 -0.21	46.45 2.21 0.00	35.38 1.77 -0.01	33.95 1.55 -0.01	31.17 1.33 0.01	30.15 1.27 0.01	23.43 1.14 0.00	31.88 1.58 -0.01	28.34 1.54 -0.01	31.56 1.70 0.00	38.07 2.04 0.00	48.79 2.40 0.00	75.68 3.59 0.00	75.72 3.73 0.00	48.42 2.43 -0.01	36.49 1.77 0.00	33.31 1.42 -0.01
ASTORIA_GT4_1 24102	46.41 1.19 0.00	43.02 1.23 0.00	43.43 1.20 0.00	40.10 1.10 0.00	38.46 1.20 0.00	47.72 1.87 0.00	90.35 3.54 0.00	145.13 7.05 -0.21	46.45 2.21 0.00	35.38 1.77 -0.01	33.95 1.55 -0.01	31.17 1.33 0.01	30.15 1.27 0.01	23.43 1.14 0.00	31.88 1.58 -0.01	28.34 1.54 -0.01	31.56 1.70 0.00	38.07 2.04 0.00	48.79 2.40 0.00	75.68 3.59 0.00	75.72 3.73 0.00	48.42 2.43 -0.01	36.49 1.77 0.00	33.31 1.42 -0.01
ASTORIA_GT4_2 24103	46.41 1.19 0.00	43.02 1.23 0.00	43.43 1.20 0.00	40.10 1.10 0.00	38.46 1.20 0.00	47.72 1.87 0.00	90.35 3.54 0.00	145.13 7.05 -0.21	46.45 2.21 0.00	35.38 1.77 -0.01	33.95 1.55 -0.01	31.17 1.33 0.01	30.15 1.27 0.01	23.43 1.14 0.00	31.88 1.58 -0.01	28.34 1.54 -0.01	31.56 1.70 0.00	38.07 2.04 0.00	48.79 2.40 0.00	75.68 3.59 0.00	75.72 3.73 0.00	48.42 2.43 -0.01	36.49 1.77 0.00	33.31 1.42 -0.01
ASTORIA_GT4_3 24104	46.41 1.19 0.00	43.02 1.23 0.00	43.43 1.20 0.00	40.10 1.10 0.00	38.46 1.20 0.00	47.72 1.87 0.00	90.35 3.54 0.00	145.13 7.05 -0.21	46.45 2.21 0.00	35.38 1.77 -0.01	33.95 1.55 -0.01	31.17 1.33 0.01	30.15 1.27 0.01	23.43 1.14 0.00	31.88 1.58 -0.01	28.34 1.54 -0.01	31.56 1.70 0.00	38.07 2.04 0.00	48.79 2.40 0.00	75.68 3.59 0.00	75.72 3.73 0.00	48.42 2.43 -0.01	36.49 1.77 0.00	33.31 1.42 -0.01

ASTORIA_GT4_4 24105	46.41 1.19 0.00	43.02 1.23 0.00	43.43 1.20 0.00	40.10 1.10 0.00	38.46 1.20 0.00	47.72 1.87 0.00	90.35 3.54 0.00	145.13 7.05 -0.21	46.45 2.21 0.00	35.38 1.77 -0.01	33.95 1.55 -0.01	31.17 1.33 0.01	30.15 1.27 0.01	23.43 1.14 0.00	31.88 1.58 -0.01	28.34 1.54 -0.01	31.56 1.70 0.00	38.07 2.04 0.00	48.79 2.40 0.00	75.68 3.59 0.00	75.72 3.73 0.00	48.42 2.43 -0.01	36.49 1.77 0.00	33.31 1.42 -0.01
ASTORIA_GT_1 23523	46.48 1.26 0.00	43.07 1.28 0.00	43.49 1.26 0.00	40.16 1.16 0.00	38.51 1.26 0.00	47.77 1.92 0.00	90.48 3.67 0.00	145.34 7.27 -0.21	46.51 2.27 0.00	35.42 1.81 -0.01	33.97 1.57 -0.01	31.21 1.37 0.01	30.19 1.32 0.01	23.46 1.17 0.00	31.93 1.64 -0.01	28.39 1.59 -0.01	31.59 1.73 0.00	38.13 2.10 0.00	48.85 2.46 0.01	75.79 3.70 0.00	75.81 3.83 0.00	48.50 2.50 -0.01	36.54 1.82 0.00	33.35 1.45 -0.01
ASTORIA_GT_10 24110	46.77 1.55 0.00	43.30 1.52 0.00	43.72 1.49 0.00	40.37 1.37 0.00	38.69 1.44 0.00	48.08 2.24 0.00	90.95 4.14 0.00	145.76 7.89 0.00	46.88 2.49 -0.16	37.14 1.98 -1.55	35.14 1.76 -0.99	34.09 1.48 -2.76	35.91 1.43 -5.60	36.50 1.26 -12.96	33.04 1.74 -1.01	29.71 1.68 -1.23	32.79 1.86 -1.07	39.20 2.23 -0.95	49.60 2.67 -0.53	76.08 3.99 0.00	77.21 4.15 -1.09	49.00 2.69 -0.32	36.67 1.96 0.00	34.12 1.57 -0.66
ASTORIA_GT_11 24225	46.77 1.55 0.00	43.30 1.52 0.00	43.72 1.49 0.00	40.37 1.37 0.00	38.69 1.44 0.00	48.08 2.24 0.00	90.95 4.14 0.00	145.76 7.89 0.00	46.88 2.49 -0.16	37.14 1.98 -1.55	35.14 1.76 -0.99	34.09 1.48 -2.76	35.91 1.43 -5.60	36.50 1.26 -12.96	33.04 1.74 -1.01	29.71 1.68 -1.23	32.79 1.86 -1.07	39.20 2.23 -0.95	49.60 2.67 -0.53	76.08 3.99 0.00	77.21 4.15 -1.09	49.00 2.69 -0.32	36.67 1.96 0.00	34.12 1.57 -0.66
ASTORIA_GT_12 24226	46.77 1.55 0.00	43.30 1.52 0.00	43.72 1.49 0.00	40.37 1.37 0.00	38.69 1.44 0.00	48.08 2.24 0.00	90.95 4.14 0.00	145.76 7.89 0.00	46.88 2.49 -0.16	37.14 1.98 -1.55	35.14 1.76 -0.99	34.09 1.48 -2.76	35.91 1.43 -5.60	36.50 1.26 -12.96	33.04 1.74 -1.01	29.71 1.68 -1.23	32.79 1.86 -1.07	39.20 2.23 -0.95	49.60 2.67 -0.53	76.08 3.99 0.00	77.21 4.15 -1.09	49.00 2.69 -0.32	36.67 1.96 0.00	34.12 1.57 -0.66
ASTORIA_GT_13 24227	46.77 1.55 0.00	43.30 1.52 0.00	43.72 1.49 0.00	40.37 1.37 0.00	38.69 1.44 0.00	48.08 2.24 0.00	90.95 4.14 0.00	145.76 7.89 0.00	46.88 2.49 -0.16	37.14 1.98 -1.55	35.14 1.76 -0.99	34.09 1.48 -2.76	35.91 1.43 -5.60	36.50 1.26 -12.96	33.04 1.74 -1.01	29.71 1.68 -1.23	32.79 1.86 -1.07	39.20 2.23 -0.95	49.60 2.67 -0.53	76.08 3.99 0.00	77.21 4.15 -1.09	49.00 2.69 -0.32	36.67 1.96 0.00	34.12 1.57 -0.66
ASTORIA_GT_5 24106	46.48 1.26 0.00	43.07 1.28 0.00	43.49 1.26 0.00	40.16 1.16 0.00	38.51 1.26 0.00	47.78 1.93 0.00	90.48 3.67 0.00	145.36 7.28 -0.21	46.51 2.27 0.00	35.44 1.83 -0.01	34.01 1.61 -0.01	31.21 1.37 0.01	30.20 1.33 0.01	23.47 1.18 0.00	31.94 1.64 -0.01	28.39 1.59 -0.01	31.61 1.75 0.00	38.13 2.11 0.00	48.87 2.48 0.00	75.79 3.70 0.00	75.83 3.84 0.00	48.51 2.51 -0.01	36.55 1.83 0.00	33.35 1.45 -0.01
ASTORIA_GT_7 24107	46.48 1.26 0.00	43.07 1.28 0.00	43.49 1.26 0.00	40.16 1.16 0.00	38.51 1.26 0.00	47.78 1.93 0.00	90.48 3.67 0.00	145.36 7.28 -0.21	46.51 2.27 0.00	35.44 1.83 -0.01	34.01 1.61 -0.01	31.21 1.37 0.01	30.20 1.33 0.01	23.47 1.18 0.00	31.94 1.64 -0.01	28.39 1.59 -0.01	31.61 1.75 0.00	38.13 2.11 0.00	48.87 2.48 0.00	75.79 3.70 0.00	75.83 3.84 0.00	48.51 2.51 -0.01	36.55 1.83 0.00	33.35 1.45 -0.01
ASTORIA_GT_8 24108	46.48 1.26 0.00	43.07 1.28 0.00	43.49 1.26 0.00	40.16 1.16 0.00	38.51 1.26 0.00	47.78 1.93 0.00	90.48 3.67 0.00	145.36 7.28 -0.21	46.51 2.27 0.00	35.44 1.83 -0.01	34.01 1.61 -0.01	31.21 1.37 0.01	30.20 1.33 0.01	23.47 1.18 0.00	31.94 1.64 -0.01	28.39 1.59 -0.01	31.61 1.75 0.00	38.13 2.11 0.00	48.87 2.48 0.00	75.79 3.70 0.00	75.83 3.84 0.00	48.51 2.51 -0.01	36.55 1.83 0.00	33.35 1.45 -0.01
ASTORIA___2 24149	46.41 1.19 0.00	43.02 1.23 0.00	43.43 1.20 0.00	40.10 1.10 0.00	38.46 1.20 0.00	47.71 1.87 0.00	90.35 3.54 0.00	145.11 7.04 -0.21	46.43 2.19 0.00	35.36 1.75 -0.01	33.91 1.51 -0.01	31.17 1.33 0.01	30.14 1.27 0.01	23.42 1.14 0.00	31.88 1.58 -0.01	28.34 1.53 -0.01	31.54 1.68 0.00	38.06 2.04 0.00	48.78 2.39 0.01	75.64 3.56 0.00	75.68 3.70 0.00	48.42 2.42 -0.01	36.48 1.77 0.00	33.30 1.41 -0.01
ASTORIA___3 23516	46.77 1.55 0.00	43.30 1.52 0.00	43.72 1.49 0.00	40.37 1.37 0.00	38.69 1.44 0.00	48.08 2.24 0.00	90.95 4.14 0.00	145.75 7.88 0.00	46.87 2.48 -0.16	37.14 1.98 -1.55	35.13 1.75 -0.99	34.09 1.48 -2.76	35.90 1.42 -5.60	36.50 1.26 -12.96	33.03 1.73 -1.01	29.71 1.68 -1.23	32.78 1.85 -1.07	39.19 2.22 -0.95	49.59 2.66 -0.53	76.07 3.98 0.00	77.19 4.13 -1.09	49.00 2.69 -0.32	36.67 1.95 0.00	34.12 1.57 -0.66
ASTORIA___4 23517	46.77 1.55 0.00	43.30 1.52 0.00	43.72 1.49 0.00	40.37 1.37 0.00	38.69 1.44 0.00	48.08 2.24 0.00	90.95 4.14 0.00	145.76 7.89 0.00	46.88 2.49 -0.16	37.14 1.98 -1.55	35.14 1.76 -0.99	34.09 1.48 -2.76	35.91 1.43 -5.60	36.50 1.26 -12.96	33.04 1.74 -1.01	29.71 1.68 -1.23	32.79 1.86 -1.07	39.20 2.23 -0.95	49.60 2.67 -0.53	76.08 3.99 0.00	77.21 4.15 -1.09	49.00 2.69 -0.32	36.67 1.96 0.00	34.12 1.57 -0.66
ASTORIA___5 23518	46.77 1.55 0.00	43.30 1.52 0.00	43.72 1.49 0.00	40.37 1.37 0.00	38.69 1.44 0.00	48.08 2.24 0.00	90.95 4.14 0.00	145.75 7.88 0.00	46.87 2.48 -0.16	37.14 1.98 -1.55	35.13 1.75 -0.99	34.09 1.48 -2.76	35.90 1.42 -5.60	36.50 1.26 -12.96	33.03 1.73 -1.01	29.71 1.68 -1.23	32.78 1.85 -1.07	39.19 2.22 -0.95	49.59 2.66 -0.53	76.07 3.98 0.00	77.19 4.13 -1.09	49.00 2.69 -0.32	36.67 1.95 0.00	34.12 1.57 -0.66
AST_ENERGY_2_CC3 323677	46.61 1.39 0.00	43.15 1.37 0.00	43.56 1.33 0.00	40.23 1.23 0.00	38.54 1.29 0.00	47.91 2.07 0.00	90.52 3.71 0.00	144.99 7.12 0.00	46.44 2.20 0.00	35.39 1.78 0.00	33.96 1.56 0.00	31.14 1.30 0.00	30.13 1.25 0.00	23.40 1.11 0.00	31.82 1.52 0.00	28.29 1.49 0.00	31.47 1.61 0.00	37.95 1.93 0.00	48.76 2.36 0.00	75.62 3.53 0.00	75.60 3.62 0.00	48.34 2.35 0.00	36.44 1.72 0.00	33.29 1.40 0.00
AST_ENERGY_2_CC4 323678	46.61 1.39 0.00	43.15 1.37 0.00	43.56 1.33 0.00	40.23 1.23 0.00	38.54 1.29 0.00	47.91 2.07 0.00	90.52 3.71 0.00	144.99 7.12 0.00	46.44 2.20 0.00	35.39 1.78 0.00	33.96 1.56 0.00	31.14 1.30 0.00	30.13 1.25 0.00	23.40 1.11 0.00	31.82 1.52 0.00	28.29 1.49 0.00	31.47 1.61 0.00	37.95 1.93 0.00	48.76 2.36 0.00	75.62 3.53 0.00	75.60 3.62 0.00	48.34 2.35 0.00	36.44 1.72 0.00	33.29 1.40 0.00

ATHENS_STG_1 23668	45.90 0.68 0.00	42.46 0.68 0.00	42.94 0.71 0.00	39.68 0.68 0.00	37.98 0.72 0.00	47.09 1.25 0.00	88.64 1.83 0.00	141.36 3.49 0.00	45.33 1.09 0.00	34.49 0.88 0.00	33.10 0.70 0.00	30.43 0.58 0.00	29.49 0.61 0.00	22.88 0.60 0.00	31.14 0.85 0.00	27.61 0.82 0.00	30.75 0.89 0.00	37.09 1.07 0.00	47.67 1.27 0.00	73.97 1.88 0.00	73.96 1.98 0.00	47.29 1.30 0.00	35.68 0.97 0.00	32.69 0.80 0.00
ATHENS_STG_2 23670	45.90 0.68 0.00	42.46 0.68 0.00	42.94 0.71 0.00	39.68 0.68 0.00	37.98 0.72 0.00	47.09 1.25 0.00	88.64 1.83 0.00	141.36 3.49 0.00	45.33 1.09 0.00	34.49 0.88 0.00	33.10 0.70 0.00	30.43 0.58 0.00	29.49 0.61 0.00	22.88 0.60 0.00	31.14 0.85 0.00	27.61 0.82 0.00	30.75 0.89 0.00	37.09 1.07 0.00	47.67 1.27 0.00	73.97 1.88 0.00	73.96 1.98 0.00	47.29 1.30 0.00	35.68 0.97 0.00	32.69 0.80 0.00
ATHENS_STG_3 23677	45.90 0.68 0.00	42.46 0.68 0.00	42.94 0.71 0.00	39.68 0.68 0.00	37.98 0.72 0.00	47.09 1.25 0.00	88.64 1.83 0.00	141.36 3.49 0.00	45.33 1.09 0.00	34.49 0.88 0.00	33.10 0.70 0.00	30.43 0.58 0.00	29.49 0.61 0.00	22.88 0.60 0.00	31.14 0.85 0.00	27.61 0.82 0.00	30.75 0.89 0.00	37.09 1.07 0.00	47.67 1.27 0.00	73.97 1.88 0.00	73.96 1.98 0.00	47.29 1.30 0.00	35.68 0.97 0.00	32.69 0.80 0.00
AUBURN___LFGE 323710	44.66 -0.56 0.00	41.38 -0.40 0.00	41.59 -0.64 0.00	38.48 -0.51 0.00	36.89 -0.37 0.00	45.82 -0.02 0.00	86.60 -0.21 0.00	137.34 -0.52 0.00	43.64 -0.59 0.00	33.14 -0.47 0.00	31.96 -0.44 0.00	29.40 -0.45 0.00	28.39 -0.49 0.00	21.90 -0.39 0.00	29.76 -0.54 0.00	26.23 -0.56 0.00	29.50 -0.36 0.00	35.63 -0.39 0.00	45.77 -0.63 0.00	71.22 -0.87 0.00	71.02 -0.96 0.00	45.24 -0.76 0.00	34.17 -0.55 0.00	31.39 -0.50 0.00
BABYLON_RES_REC 323704	46.75 1.54 0.00	43.43 1.65 0.00	43.75 1.52 0.00	40.30 1.30 0.00	38.75 1.50 0.00	48.06 2.21 0.00	90.44 3.63 0.00	144.69 7.21 0.39	46.31 2.08 0.00	35.20 1.59 0.00	33.92 1.52 0.00	30.93 1.08 0.00	29.84 0.97 0.00	23.02 0.74 0.01	31.51 1.22 0.00	28.15 1.35 0.00	31.50 1.64 0.00	38.03 2.01 0.00	48.94 2.54 0.00	76.46 4.37 0.00	76.42 4.44 0.00	48.87 2.88 0.00	36.78 2.07 0.00	33.54 1.65 0.00
BABYLON__69_KV_BK2 356345	47.11 1.89 0.00	43.77 1.98 0.00	44.07 1.84 0.00	40.59 1.59 0.00	39.06 1.80 0.00	48.47 2.63 0.00	91.17 4.37 0.00	145.83 8.36 0.40	46.63 2.39 0.00	35.44 1.83 0.00	34.16 1.76 0.00	31.12 1.27 0.00	30.02 1.13 0.00	23.12 0.84 0.01	31.67 1.38 0.00	28.32 1.53 0.00	31.72 1.86 0.00	38.31 2.30 0.00	49.35 2.95 0.00	77.19 5.10 0.00	77.20 5.22 0.00	49.36 3.37 0.00	37.12 2.41 0.00	33.81 1.92 0.00
BALL_HILL_WT_PWR 323825	42.77 -2.44 0.00	39.28 -2.50 0.00	39.32 -2.91 0.00	36.14 -2.86 0.00	34.52 -2.73 0.00	43.75 -2.10 0.00	82.04 -4.76 0.00	122.52 -9.05 6.30	37.53 -3.02 3.69	27.66 -1.93 4.02	28.24 -1.82 2.34	24.73 -1.56 3.55	23.56 -1.61 3.71	17.44 -1.59 3.26	24.42 -2.34 3.53	21.34 -2.14 3.32	24.07 -2.27 3.51	29.03 -2.82 4.17	37.66 -3.93 4.81	60.60 -4.95 6.53	60.65 -4.98 6.35	37.95 -3.65 4.39	28.73 -2.86 3.12	29.26 -2.51 0.11
BARON_WINDS___WT_PWR 323822	42.25 -2.97 0.00	38.95 -2.84 0.00	38.99 -3.24 0.00	35.84 -3.16 0.00	34.26 -3.00 0.00	43.12 -2.72 0.00	81.34 -5.46 0.00	34.68 -10.15 93.04	-13.89 -3.75 54.38	-28.42 -2.73 59.30	-4.55 -2.36 34.59	-24.92 -2.31 52.45	-28.42 -2.57 54.73	-27.91 -2.12 48.08	-28.75 -2.86 56.17	-28.49 -2.49 52.80	-28.74 -2.62 55.98	-33.50 -3.07 66.45	-34.48 -4.23 76.65	-38.96 -6.20 104.85	-36.43 -6.30 102.11	-28.78 -4.11 70.66	-18.59 -3.15 50.15	27.25 -2.86 1.77
BARRETT_IC_1 23704	46.61 1.39 0.00	43.26 1.48 0.00	43.63 1.40 0.00	40.25 1.25 0.00	38.62 1.37 0.00	47.80 1.95 0.00	89.61 2.81 0.00	143.77 5.28 -0.62	46.01 1.77 0.00	35.14 1.53 0.00	33.92 1.52 0.00	31.00 1.15 0.00	29.95 1.07 0.00	23.15 0.86 0.00	31.64 1.35 0.00	28.23 1.43 0.00	31.52 1.66 0.00	37.94 1.92 0.00	48.68 2.28 0.00	75.88 3.79 0.00	75.82 3.84 0.00	48.47 2.48 0.00	36.50 1.79 0.00	33.36 1.46 0.00
BARRETT_IC_10 23701	46.61 1.39 0.00	43.26 1.48 0.00	43.63 1.40 0.00	40.25 1.25 0.00	38.62 1.37 0.00	47.80 1.95 0.00	89.61 2.81 0.00	134.12 5.28 9.03	46.01 1.77 0.00	35.14 1.53 0.00	33.92 1.52 0.00	31.00 1.15 0.00	29.95 1.07 0.00	23.15 0.86 0.00	31.64 1.35 0.00	28.23 1.43 0.00	31.52 1.66 0.00	37.94 1.92 0.00	48.68 2.28 0.00	75.88 3.79 0.00	75.82 3.84 0.00	48.47 2.48 0.00	36.50 1.79 0.00	33.36 1.46 0.00
BARRETT_IC_11 23702	46.61 1.39 0.00	43.26 1.48 0.00	43.63 1.40 0.00	40.25 1.25 0.00	38.62 1.37 0.00	47.80 1.95 0.00	89.61 2.81 0.00	134.12 5.28 9.03	46.01 1.77 0.00	35.14 1.53 0.00	33.92 1.52 0.00	31.00 1.15 0.00	29.95 1.07 0.00	23.15 0.86 0.00	31.64 1.35 0.00	28.23 1.43 0.00	31.52 1.66 0.00	37.94 1.92 0.00	48.68 2.28 0.00	75.88 3.79 0.00	75.82 3.84 0.00	48.47 2.48 0.00	36.50 1.79 0.00	33.36 1.46 0.00
BARRETT_IC_12 23703	46.61 1.39 0.00	43.26 1.48 0.00	43.63 1.40 0.00	40.25 1.25 0.00	38.62 1.37 0.00	47.80 1.95 0.00	89.61 2.81 0.00	134.12 5.28 9.03	46.01 1.77 0.00	35.14 1.53 0.00	33.92 1.52 0.00	31.00 1.15 0.00	29.95 1.07 0.00	23.15 0.86 0.00	31.64 1.35 0.00	28.23 1.43 0.00	31.52 1.66 0.00	37.94 1.92 0.00	48.68 2.28 0.00	75.88 3.79 0.00	75.82 3.84 0.00	48.47 2.48 0.00	36.50 1.79 0.00	33.36 1.46 0.00
BARRETT_IC_2 23705	46.61 1.39 0.00	43.26 1.48 0.00	43.63 1.40 0.00	40.25 1.25 0.00	38.62 1.37 0.00	47.80 1.95 0.00	89.61 2.81 0.00	143.77 5.28 -0.62	46.01 1.77 0.00	35.14 1.53 0.00	33.92 1.52 0.00	31.00 1.15 0.00	29.95 1.07 0.00	23.15 0.86 0.00	31.64 1.35 0.00	28.23 1.43 0.00	31.52 1.66 0.00	37.94 1.92 0.00	48.68 2.28 0.00	75.88 3.79 0.00	75.82 3.84 0.00	48.47 2.48 0.00	36.50 1.79 0.00	33.36 1.46 0.00
BARRETT_IC_3 23706	46.61 1.39 0.00	43.26 1.48 0.00	43.63 1.40 0.00	40.25 1.25 0.00	38.62 1.37 0.00	47.80 1.95 0.00	89.61 2.81 0.00	143.77 5.28 -0.62	46.01 1.77 0.00	35.14 1.53 0.00	33.92 1.52 0.00	31.00 1.15 0.00	29.95 1.07 0.00	23.15 0.86 0.00	31.64 1.35 0.00	28.23 1.43 0.00	31.52 1.66 0.00	37.94 1.92 0.00	48.68 2.28 0.00	75.88 3.79 0.00	75.82 3.84 0.00	48.47 2.48 0.00	36.50 1.79 0.00	33.36 1.46 0.00
BARRETT_IC_4 23707	46.61 1.39 0.00	43.26 1.48 0.00	43.63 1.40 0.00	40.25 1.25 0.00	38.62 1.37 0.00	47.80 1.95 0.00	89.61 2.81 0.00	143.77 5.28 -0.62	46.01 1.77 0.00	35.14 1.53 0.00	33.92 1.52 0.00	31.00 1.15 0.00	29.95 1.07 0.00	23.15 0.86 0.00	31.64 1.35 0.00	28.23 1.43 0.00	31.52 1.66 0.00	37.94 1.92 0.00	48.68 2.28 0.00	75.88 3.79 0.00	75.82 3.84 0.00	48.47 2.48 0.00	36.50 1.79 0.00	33.36 1.46 0.00

BARRETT_IC_5 23708	46.61 1.39 0.00	43.26 1.48 0.00	43.63 1.40 0.00	40.25 1.25 0.00	38.62 1.37 0.00	47.80 1.95 0.00	89.61 2.81 0.00	143.77 5.28 -0.62	46.01 1.77 0.00	35.14 1.53 0.00	33.92 1.52 0.00	31.00 1.15 0.00	29.95 1.07 0.00	23.15 0.86 0.00	31.64 1.35 0.00	28.23 1.43 0.00	31.52 1.66 0.00	37.94 1.92 0.00	48.68 2.28 0.00	75.88 3.79 0.00	75.82 3.84 0.00	48.47 2.48 0.00	36.50 1.79 0.00	33.36 1.46 0.00
BARRETT_IC_6 23709	46.61 1.39 0.00	43.26 1.48 0.00	43.63 1.40 0.00	40.25 1.25 0.00	38.62 1.37 0.00	47.80 1.95 0.00	89.61 2.81 0.00	143.77 5.28 -0.62	46.01 1.77 0.00	35.14 1.53 0.00	33.92 1.52 0.00	31.00 1.15 0.00	29.95 1.07 0.00	23.15 0.86 0.00	31.64 1.35 0.00	28.23 1.43 0.00	31.52 1.66 0.00	37.94 1.92 0.00	48.68 2.28 0.00	75.88 3.79 0.00	75.82 3.84 0.00	48.47 2.48 0.00	36.50 1.79 0.00	33.36 1.46 0.00
BARRETT_IC_7 23710	46.61 1.39 0.00	43.27 1.48 0.00	43.63 1.40 0.00	40.25 1.24 0.00	38.62 1.37 0.00	47.80 1.96 0.00	89.62 2.81 0.00	143.79 5.30 -0.62	46.01 1.78 0.00	35.14 1.53 0.00	33.92 1.52 0.00	31.01 1.16 0.00	29.96 1.07 0.00	23.16 0.87 0.00	31.65 1.36 0.00	28.24 1.44 0.00	31.53 1.67 0.00	37.94 1.92 0.00	48.69 2.28 0.00	75.89 3.80 0.00	75.83 3.85 0.00	48.49 2.49 0.00	36.52 1.80 0.00	33.36 1.46 0.00
BARRETT_IC_8 23711	46.61 1.39 0.00	43.26 1.48 0.00	43.63 1.40 0.00	40.25 1.25 0.00	38.62 1.37 0.00	47.80 1.95 0.00	89.61 2.81 0.00	143.77 5.28 -0.62	46.01 1.77 0.00	35.14 1.53 0.00	33.92 1.52 0.00	31.00 1.15 0.00	29.95 1.07 0.00	23.15 0.86 0.00	31.64 1.35 0.00	28.23 1.43 0.00	31.52 1.66 0.00	37.94 1.92 0.00	48.68 2.28 0.00	75.88 3.79 0.00	75.82 3.84 0.00	48.47 2.48 0.00	36.50 1.79 0.00	33.36 1.46 0.00
BARRETT_IC_9 23700	46.61 1.39 0.00	43.26 1.48 0.00	43.63 1.40 0.00	40.25 1.25 0.00	38.62 1.37 0.00	47.80 1.95 0.00	89.61 2.81 0.00	134.12 5.28 9.03	46.01 1.77 0.00	35.14 1.53 0.00	33.92 1.52 0.00	31.00 1.15 0.00	29.95 1.07 0.00	23.15 0.86 0.00	31.64 1.35 0.00	28.23 1.43 0.00	31.52 1.66 0.00	37.94 1.92 0.00	48.68 2.28 0.00	75.88 3.79 0.00	75.82 3.84 0.00	48.47 2.48 0.00	36.50 1.79 0.00	33.36 1.46 0.00
BARRETT___1 23545	46.61 1.39 0.00	43.26 1.48 0.00	43.63 1.40 0.00	40.25 1.25 0.00	38.62 1.37 0.00	47.80 1.95 0.00	89.61 2.81 0.00	143.77 5.28 -0.62	46.01 1.77 0.00	35.14 1.53 0.00	33.92 1.52 0.00	31.00 1.15 0.00	29.95 1.07 0.00	23.15 0.86 0.00	31.64 1.35 0.00	28.23 1.43 0.00	31.52 1.66 0.00	37.94 1.92 0.00	48.68 2.28 0.00	75.88 3.79 0.00	75.82 3.84 0.00	48.47 2.48 0.00	36.50 1.79 0.00	33.36 1.46 0.00
BARRETT___2 23546	46.61 1.39 0.00	43.26 1.48 0.00	43.63 1.40 0.00	40.25 1.25 0.00	38.62 1.37 0.00	47.80 1.95 0.00	89.61 2.81 0.00	134.12 5.28 9.03	46.01 1.77 0.00	35.14 1.53 0.00	33.92 1.52 0.00	31.00 1.15 0.00	29.95 1.07 0.00	23.15 0.86 0.00	31.64 1.35 0.00	28.23 1.43 0.00	31.52 1.66 0.00	37.94 1.92 0.00	48.68 2.28 0.00	75.88 3.79 0.00	75.82 3.84 0.00	48.47 2.48 0.00	36.50 1.79 0.00	33.36 1.46 0.00
BATAVIA__115KV_TB1 55881	43.74 -1.48 0.00	40.27 -1.52 0.00	40.41 -1.82 0.00	37.21 -1.79 0.00	35.70 -1.56 0.00	44.96 -0.89 0.00	84.00 -2.80 0.00	124.66 -5.45 7.76	37.89 -1.81 4.54	27.17 -1.49 4.94	27.90 -1.61 2.89	23.85 -1.63 4.37	22.61 -1.71 4.56	16.82 -1.46 4.01	23.75 -2.19 4.36	20.66 -2.04 4.10	23.53 -1.98 4.34	28.48 -2.38 5.16	37.43 -3.02 5.95	60.10 -3.87 8.12	60.09 -3.99 7.90	38.02 -2.51 5.47	28.91 -1.92 3.88	30.12 -1.63 0.14
BAYONEEC___CTG1 323682	46.53 1.31 0.00	43.09 1.30 0.00	43.49 1.26 0.00	40.17 1.17 0.00	38.48 1.22 0.00	47.83 1.99 0.00	90.47 3.66 0.00	144.99 7.12 0.00	46.44 2.20 0.00	35.37 1.76 0.00	33.94 1.54 0.00	31.13 1.28 0.00	30.11 1.23 0.00	23.41 1.12 0.00	31.83 1.53 0.00	28.31 1.51 0.00	31.52 1.66 0.00	38.00 1.98 0.00	48.78 2.38 0.00	75.67 3.58 0.00	75.65 3.67 0.00	48.37 2.38 0.00	36.44 1.72 0.00	33.27 1.38 0.00
BAYONEEC___CTG10 323750	46.53 1.31 0.00	43.09 1.30 0.00	43.49 1.26 0.00	40.17 1.17 0.00	38.48 1.22 0.00	47.83 1.99 0.00	90.47 3.66 0.00	144.99 7.12 0.00	46.44 2.20 0.00	35.37 1.76 0.00	33.94 1.54 0.00	31.13 1.28 0.00	30.11 1.23 0.00	23.41 1.12 0.00	31.83 1.53 0.00	28.31 1.51 0.00	31.52 1.66 0.00	38.00 1.98 0.00	48.78 2.38 0.00	75.67 3.58 0.00	75.65 3.67 0.00	48.37 2.38 0.00	36.44 1.72 0.00	33.27 1.38 0.00
BAYONEEC___CTG2 323683	46.53 1.31 0.00	43.09 1.30 0.00	43.49 1.26 0.00	40.17 1.17 0.00	38.48 1.22 0.00	47.83 1.99 0.00	90.47 3.66 0.00	144.99 7.12 0.00	46.44 2.20 0.00	35.37 1.76 0.00	33.94 1.54 0.00	31.13 1.28 0.00	30.11 1.23 0.00	23.41 1.12 0.00	31.83 1.53 0.00	28.31 1.51 0.00	31.52 1.66 0.00	38.00 1.98 0.00	48.78 2.38 0.00	75.67 3.58 0.00	75.65 3.67 0.00	48.37 2.38 0.00	36.44 1.72 0.00	33.27 1.38 0.00
BAYONEEC___CTG3 323684	46.53 1.31 0.00	43.09 1.30 0.00	43.49 1.26 0.00	40.17 1.17 0.00	38.48 1.22 0.00	47.83 1.99 0.00	90.47 3.66 0.00	144.99 7.12 0.00	46.44 2.20 0.00	35.37 1.76 0.00	33.94 1.54 0.00	31.13 1.28 0.00	30.11 1.23 0.00	23.41 1.12 0.00	31.83 1.53 0.00	28.31 1.51 0.00	31.52 1.66 0.00	38.00 1.98 0.00	48.78 2.38 0.00	75.67 3.58 0.00	75.65 3.67 0.00	48.37 2.38 0.00	36.44 1.72 0.00	33.27 1.38 0.00
BAYONEEC___CTG4 323685	46.53 1.31 0.00	43.09 1.30 0.00	43.49 1.26 0.00	40.17 1.17 0.00	38.48 1.22 0.00	47.83 1.99 0.00	90.47 3.66 0.00	144.99 7.12 0.00	46.44 2.20 0.00	35.37 1.76 0.00	33.94 1.54 0.00	31.13 1.28 0.00	30.11 1.23 0.00	23.41 1.12 0.00	31.83 1.53 0.00	28.31 1.51 0.00	31.52 1.66 0.00	38.00 1.98 0.00	48.78 2.38 0.00	75.67 3.58 0.00	75.65 3.67 0.00	48.37 2.38 0.00	36.44 1.72 0.00	33.27 1.38 0.00
BAYONEEC___CTG5 323686	46.53 1.31 0.00	43.09 1.30 0.00	43.49 1.26 0.00	40.17 1.17 0.00	38.48 1.22 0.00	47.83 1.99 0.00	90.47 3.66 0.00	144.99 7.12 0.00	46.44 2.20 0.00	35.37 1.76 0.00	33.94 1.54 0.00	31.13 1.28 0.00	30.11 1.23 0.00	23.41 1.12 0.00	31.83 1.53 0.00	28.31 1.51 0.00	31.52 1.66 0.00	38.00 1.98 0.00	48.78 2.38 0.00	75.67 3.58 0.00	75.65 3.67 0.00	48.37 2.38 0.00	36.44 1.72 0.00	33.27 1.38 0.00
BAYONEEC___CTG6 323687	46.53 1.31 0.00	43.09 1.30 0.00	43.49 1.26 0.00	40.17 1.17 0.00	38.48 1.22 0.00	47.83 1.99 0.00	90.47 3.66 0.00	144.99 7.12 0.00	46.44 2.20 0.00	35.37 1.76 0.00	33.94 1.54 0.00	31.13 1.28 0.00	30.11 1.23 0.00	23.41 1.12 0.00	31.83 1.53 0.00	28.31 1.51 0.00	31.52 1.66 0.00	38.00 1.98 0.00	48.78 2.38 0.00	75.67 3.58 0.00	75.65 3.67 0.00	48.37 2.38 0.00	36.44 1.72 0.00	33.27 1.38 0.00

BAYONEEC___CTG7 323688	46.53 1.31 0.00	43.09 1.30 0.00	43.49 1.26 0.00	40.17 1.17 0.00	38.48 1.22 0.00	47.83 1.99 0.00	90.47 3.66 0.00	144.99 7.12 0.00	46.44 2.20 0.00	35.37 1.76 0.00	33.94 1.54 0.00	31.13 1.28 0.00	30.11 1.23 0.00	23.41 1.12 0.00	31.83 1.53 0.00	28.31 1.51 0.00	31.52 1.66 0.00	38.00 1.98 0.00	48.78 2.38 0.00	75.67 3.58 0.00	75.65 3.67 0.00	48.37 2.38 0.00	36.44 1.72 0.00	33.27 1.38 0.00
BAYONEEC___CTG8 323689	46.53 1.31 0.00	43.09 1.30 0.00	43.49 1.26 0.00	40.17 1.17 0.00	38.48 1.22 0.00	47.83 1.99 0.00	90.47 3.66 0.00	144.99 7.12 0.00	46.44 2.20 0.00	35.37 1.76 0.00	33.94 1.54 0.00	31.13 1.28 0.00	30.11 1.23 0.00	23.41 1.12 0.00	31.83 1.53 0.00	28.31 1.51 0.00	31.52 1.66 0.00	38.00 1.98 0.00	48.78 2.38 0.00	75.67 3.58 0.00	75.65 3.67 0.00	48.37 2.38 0.00	36.44 1.72 0.00	33.27 1.38 0.00
BAYONEEC___CTG9 323749	46.53 1.31 0.00	43.09 1.30 0.00	43.49 1.26 0.00	40.17 1.17 0.00	38.48 1.22 0.00	47.83 1.99 0.00	90.47 3.66 0.00	144.99 7.12 0.00	46.44 2.20 0.00	35.37 1.76 0.00	33.94 1.54 0.00	31.13 1.28 0.00	30.11 1.23 0.00	23.41 1.12 0.00	31.83 1.53 0.00	28.31 1.51 0.00	31.52 1.66 0.00	38.00 1.98 0.00	48.78 2.38 0.00	75.67 3.58 0.00	75.65 3.67 0.00	48.37 2.38 0.00	36.44 1.72 0.00	33.27 1.38 0.00
BEACON___LESR 323632	46.18 0.96 0.00	42.75 0.96 0.00	43.26 1.03 0.00	40.04 1.05 0.00	38.37 1.11 0.00	47.76 1.91 0.00	89.79 2.98 0.00	143.14 5.28 0.00	45.67 1.43 0.00	34.56 0.95 0.00	33.06 0.66 0.00	30.33 0.48 0.00	29.34 0.46 0.00	22.77 0.48 0.00	31.04 0.75 0.00	27.50 0.71 0.00	30.82 0.96 0.00	37.23 1.21 0.00	47.89 1.49 0.00	74.38 2.30 0.00	74.26 2.27 0.00	47.31 1.32 0.00	35.75 1.03 0.00	32.76 0.87 0.00
BEAVER RIVER___HYD 24048	44.64 -0.58 0.00	41.04 -0.75 0.00	41.44 -0.80 0.00	38.36 -0.64 0.00	36.59 -0.67 0.00	45.14 -0.70 0.00	86.47 -0.34 0.00	137.55 -0.32 0.00	43.85 -0.38 0.00	32.61 -1.00 0.00	31.31 -1.09 0.00	28.42 -1.43 0.00	27.36 -1.52 0.00	21.02 -1.42 -0.15	28.50 -1.80 0.00	25.14 -1.66 0.00	28.30 -1.56 0.00	35.46 -0.56 0.00	46.46 0.05 0.00	70.86 -1.23 0.00	70.69 -1.30 0.00	44.74 -1.25 0.00	33.49 -1.23 0.00	30.60 -1.29 0.00
BEEBEE_GT_13 23619	43.66 -1.56 0.00	40.24 -1.54 0.00	40.50 -1.73 0.00	37.34 -1.66 0.00	35.78 -1.47 0.00	44.75 -1.10 0.00	83.90 -2.91 0.00	130.63 -5.12 2.12	41.30 -1.70 1.24	30.97 -1.28 1.35	30.30 -1.30 0.79	27.46 -1.20 1.19	26.42 -1.22 1.24	20.18 -1.02 1.09	27.63 -1.56 1.11	24.29 -1.47 1.04	27.29 -1.46 1.11	32.85 -1.86 1.31	42.41 -2.48 1.51	66.56 -3.47 2.06	66.35 -3.63 2.00	42.34 -2.27 1.39	32.01 -1.72 0.98	30.34 -1.51 0.03
BENSHRST_27_KV_BENSHRST_1 355998	54.38 2.04 -7.12	53.43 1.97 -9.68	53.35 1.93 -9.18	53.07 1.78 -12.29	53.30 1.83 -14.22	55.87 2.72 -7.30	91.91 5.10 -0.01	148.54 9.50 -1.17	61.02 3.00 -13.79	54.62 2.34 -18.67	54.43 2.10 -19.93	53.90 1.78 -22.27	58.38 1.71 -27.79	64.49 1.46 -40.74	52.76 2.01 -20.45	53.77 1.93 -25.03	53.91 2.15 -21.89	58.11 2.58 -19.51	66.72 3.16 -17.16	94.53 4.76 -17.68	98.86 4.93 -21.95	81.17 3.25 -31.93	54.77 2.37 -17.69	53.84 1.94 -20.01
BETHLEHEM___GRP 23843	45.77 0.55 0.00	42.33 0.55 0.00	42.87 0.64 0.00	39.64 0.64 0.00	37.96 0.71 0.00	47.14 1.30 0.00	88.54 1.73 0.00	141.11 3.25 0.00	45.12 0.88 0.00	34.14 0.53 0.00	32.70 0.30 0.00	30.07 0.23 0.00	29.11 0.23 0.00	22.61 0.33 0.00	30.76 0.47 0.00	27.28 0.48 0.00	30.45 0.60 0.00	36.70 0.68 0.00	47.11 0.71 0.00	73.16 1.07 0.00	73.13 1.15 0.00	46.69 0.70 0.00	35.31 0.59 0.00	32.37 0.47 0.00
BETHLEHEM___GS1 323560	45.77 0.55 0.00	42.33 0.55 0.00	42.87 0.64 0.00	39.64 0.64 0.00	37.96 0.71 0.00	47.15 1.30 0.00	88.54 1.73 0.00	141.11 3.24 0.00	45.11 0.88 0.00	34.14 0.53 0.00	32.69 0.29 0.00	30.07 0.22 0.00	29.11 0.23 0.00	22.61 0.32 0.00	30.76 0.47 0.00	27.27 0.48 0.00	30.45 0.59 0.00	36.69 0.67 0.00	47.10 0.70 0.00	73.15 1.07 0.00	73.12 1.14 0.00	46.68 0.69 0.00	35.30 0.59 0.00	32.36 0.47 0.00
BETHLEHEM___GS2 323561	45.77 0.55 0.00	42.33 0.55 0.00	42.87 0.64 0.00	39.64 0.64 0.00	37.96 0.71 0.00	47.15 1.30 0.00	88.54 1.73 0.00	141.11 3.24 0.00	45.11 0.88 0.00	34.14 0.53 0.00	32.69 0.29 0.00	30.07 0.22 0.00	29.11 0.23 0.00	22.61 0.32 0.00	30.76 0.47 0.00	27.27 0.48 0.00	30.45 0.59 0.00	36.69 0.67 0.00	47.10 0.70 0.00	73.15 1.07 0.00	73.12 1.14 0.00	46.68 0.69 0.00	35.30 0.59 0.00	32.36 0.47 0.00
BETHLEHEM___GS3 323562	45.77 0.55 0.00	42.33 0.55 0.00	42.87 0.64 0.00	39.64 0.64 0.00	37.96 0.71 0.00	47.15 1.30 0.00	88.54 1.73 0.00	141.11 3.24 0.00	45.11 0.88 0.00	34.14 0.53 0.00	32.69 0.29 0.00	30.07 0.22 0.00	29.11 0.23 0.00	22.61 0.32 0.00	30.76 0.47 0.00	27.27 0.48 0.00	30.45 0.59 0.00	36.69 0.67 0.00	47.10 0.70 0.00	73.15 1.07 0.00	73.12 1.14 0.00	46.68 0.69 0.00	35.30 0.59 0.00	32.36 0.47 0.00
BETHLEHEM___STEEL 23779	43.11 -2.11 0.00	39.68 -2.10 0.00	39.77 -2.46 0.00	36.58 -2.42 0.00	35.06 -2.20 0.00	44.30 -1.54 0.00	82.46 -4.34 0.00	121.17 -8.17 8.53	36.74 -2.50 4.99	26.47 -1.70 5.44	27.37 -1.85 3.17	23.42 -1.62 4.81	22.21 -1.65 5.02	16.43 -1.45 4.41	23.77 -2.14 4.39	20.58 -2.10 4.12	23.43 -2.06 4.37	28.16 -2.67 5.18	36.74 -3.68 5.98	58.90 -5.03 8.16	58.81 -5.23 7.95	37.22 -3.27 5.50	28.34 -2.47 3.90	29.65 -2.11 0.14
BETHLHEM_115KV_TB1 79974	45.78 0.56 0.00	42.34 0.56 0.00	42.87 0.64 0.00	39.64 0.64 0.00	37.96 0.71 0.00	47.12 1.28 0.00	88.53 1.72 0.00	141.09 3.22 0.00	45.13 0.89 0.00	34.17 0.56 0.00	32.74 0.34 0.00	30.11 0.26 0.00	29.15 0.27 0.00	22.64 0.35 0.00	30.80 0.51 0.00	27.31 0.51 0.00	30.47 0.61 0.00	36.73 0.71 0.00	47.17 0.77 0.00	73.26 1.17 0.00	73.21 1.23 0.00	46.77 0.77 0.00	35.35 0.63 0.00	32.41 0.52 0.00
BETHPAGE_CC_5 323564	46.72 1.50 0.00	43.36 1.58 0.00	43.71 1.48 0.00	40.27 1.27 0.00	38.65 1.39 0.00	47.91 2.06 0.00	90.16 3.35 0.00	144.18 6.66 0.34	46.21 1.98 0.00	35.19 1.58 0.00	33.95 1.55 0.00	30.98 1.14 0.00	29.92 1.04 0.00	23.11 0.82 0.01	31.60 1.31 0.00	28.21 1.41 0.00	31.55 1.70 0.00	38.02 2.00 0.00	48.84 2.44 0.00	76.23 4.14 0.00	76.18 4.20 0.00	48.70 2.71 0.00	36.68 1.96 0.00	33.48 1.59 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	43.23 -1.99 0.00	39.76 -2.02 0.00	39.85 -2.38 0.00	36.65 -2.35 0.00	35.14 -2.11 0.00	44.42 -1.43 0.00	82.73 -4.07 0.00	122.12 -7.77 7.98	37.19 -2.38 4.67	26.92 -1.60 5.09	27.67 -1.75 2.97	23.81 -1.53 4.50	22.60 -1.58 4.70	16.76 -1.40 4.13	24.20 -2.06 4.03	20.99 -2.02 3.79	23.86 -1.98 4.02	28.69 -2.56 4.77	37.35 -3.55 5.50	59.78 -4.80 7.51	59.70 -4.97 7.31	37.80 -3.13 5.06	28.76 -2.37 3.59	29.75 -2.01 0.13

BINGHAMTON___COGEN 23790	44.61 -0.61 0.00	41.17 -0.61 0.00	41.48 -0.75 0.00	38.27 -0.72 0.00	36.61 -0.64 0.00	45.56 -0.28 0.00	86.06 -0.75 0.00	136.38 -1.48 0.00	43.50 -0.74 0.00	33.09 -0.52 0.00	31.96 -0.43 0.00	29.42 -0.43 0.00	28.44 -0.44 0.00	21.91 -0.38 0.00	29.80 -0.49 0.00	26.39 -0.40 0.00	29.45 -0.41 0.00	35.52 -0.49 0.00	45.55 -0.85 0.00	70.86 -1.23 0.00	70.63 -1.35 0.00	45.09 -0.90 0.00	33.97 -0.75 0.00	31.21 -0.68 0.00
BIXINCNT_115KV_LOAD 355685	43.29 -1.93 0.00	39.54 -2.24 0.00	39.42 -2.81 0.00	36.29 -2.71 0.00	34.91 -2.34 0.00	44.20 -1.65 0.00	82.86 -3.95 0.00	126.33 -8.74 2.80	39.69 -2.91 1.64	30.00 -1.83 1.79	29.56 -1.80 1.04	26.64 -1.63 1.58	25.45 -1.79 1.65	19.21 -1.63 1.45	25.79 -2.59 1.92	22.68 -2.32 1.80	25.55 -2.40 1.91	30.75 -3.01 2.26	39.57 -4.22 2.61	63.56 -4.96 3.57	63.30 -5.21 3.47	40.28 -3.31 2.40	30.43 -2.58 1.71	29.54 -2.29 0.06
BLACK RIVER___HYD 24047	44.76 -0.46 0.00	41.17 -0.62 0.00	41.51 -0.72 0.00	38.49 -0.51 0.00	36.74 -0.51 0.00	45.58 -0.27 0.00	87.18 0.38 0.00	138.66 0.79 0.00	44.04 -0.19 0.00	32.55 -1.06 0.00	31.15 -1.25 0.00	28.13 -1.71 0.00	27.12 -1.76 0.00	20.77 -1.63 -0.11	28.18 -2.11 0.00	24.87 -1.93 0.00	28.10 -1.76 0.00	35.78 -0.24 0.00	46.78 0.38 0.00	71.25 -0.84 0.00	70.92 -1.07 0.00	44.90 -1.10 0.00	33.57 -1.15 0.00	30.64 -1.25 0.00
BLACKRVR_115KV_TB2 79977	44.76 -0.46 0.00	41.16 -0.62 0.00	41.51 -0.72 0.00	38.49 -0.51 0.00	36.74 -0.51 0.00	45.58 -0.27 0.00	87.18 0.37 0.00	138.64 0.77 0.00	44.04 -0.19 0.00	32.55 -1.06 0.00	31.15 -1.25 0.00	28.13 -1.71 0.00	27.12 -1.76 0.00	20.76 -1.63 -0.11	28.18 -2.11 0.00	24.87 -1.93 0.00	28.10 -1.76 0.00	35.78 -0.24 0.00	46.77 0.37 0.00	71.25 -0.84 0.00	70.92 -1.06 0.00	44.90 -1.10 0.00	33.57 -1.15 0.00	30.64 -1.25 0.00
BLISS_WT_PWR 323608	43.05 -2.17 0.00	39.25 -2.54 0.00	39.06 -3.17 0.00	35.96 -3.04 0.00	34.64 -2.61 0.00	43.92 -1.93 0.00	82.41 -4.40 0.00	125.52 -9.55 2.80	39.46 -3.14 1.64	29.88 -1.94 1.79	29.46 -1.90 1.04	26.53 -1.74 1.58	25.32 -1.92 1.65	19.09 -1.75 1.45	25.54 -2.84 1.92	22.49 -2.51 1.80	25.36 -2.59 1.91	30.52 -3.23 2.26	39.26 -4.53 2.61	63.27 -5.25 3.57	63.00 -5.51 3.47	40.10 -3.49 2.40	30.28 -2.73 1.71	29.34 -2.49 0.06
BLUESTONE___WT_PWR 323821	44.66 -0.56 0.00	41.42 -0.36 0.00	42.38 0.14 0.00	39.34 0.34 0.00	37.80 0.54 0.00	47.20 1.35 0.00	89.40 2.59 0.00	142.51 4.65 0.00	44.59 0.35 0.00	33.55 -0.06 0.00	32.75 0.35 0.00	29.98 0.13 0.00	28.73 -0.15 0.00	21.94 -0.34 0.00	29.53 -0.76 0.00	26.09 -0.71 0.00	29.45 -0.40 0.00	35.87 -0.15 0.00	46.11 -0.30 0.00	70.64 -1.45 0.00	69.31 -2.67 0.00	44.13 -1.87 0.00	33.12 -1.60 0.00	30.29 -1.60 0.00
BLUE_CIRC_CHEM_DRP 24182	46.12 0.90 0.00	42.65 0.87 0.00	43.17 0.94 0.00	39.92 0.92 0.00	38.23 0.97 0.00	47.40 1.55 0.00	89.07 2.27 0.00	141.67 3.80 0.00	45.23 1.00 0.00	34.18 0.57 0.00	32.75 0.36 0.00	30.12 0.27 0.00	29.18 0.30 0.00	22.66 -0.37 0.00	30.88 0.59 0.00	27.36 0.57 0.00	30.48 0.62 0.00	36.87 0.85 0.00	47.53 1.13 0.00	73.82 1.74 0.00	73.74 1.76 0.00	47.12 1.13 0.00	35.61 0.89 0.00	32.67 0.78 0.00
BOC_GAS_DRP 24189	45.72 0.50 0.00	42.28 0.50 0.00	42.79 0.56 0.00	39.56 0.56 0.00	37.87 0.61 0.00	46.92 1.07 0.00	88.20 1.40 0.00	140.52 2.66 0.00	45.03 0.80 0.00	34.21 0.60 0.00	32.82 0.42 0.00	30.18 0.34 0.00	29.24 0.36 0.00	22.69 0.40 0.00	30.87 0.58 0.00	27.36 0.56 0.00	30.49 0.63 0.00	36.76 0.74 0.00	47.24 0.84 0.00	73.33 1.24 0.00	73.31 1.33 0.00	46.85 0.85 0.00	35.39 0.67 0.00	32.45 0.56 0.00
BOONVILLE_115KV_TB1 79983	45.46 0.24 0.00	41.87 0.08 0.00	42.28 0.04 0.00	39.09 0.09 0.00	37.35 0.10 0.00	46.24 0.39 0.00	88.05 1.24 0.00	140.12 2.26 0.00	44.71 0.47 0.00	33.52 -0.09 0.00	32.21 -0.19 0.00	29.39 -0.46 0.00	28.37 -0.51 0.00	21.88 -0.47 -0.07	29.73 -0.57 0.00	26.27 -0.53 0.00	29.54 -0.32 0.00	36.24 0.23 0.00	47.10 0.70 0.00	72.43 0.34 0.00	72.31 0.34 0.00	45.95 -0.04 0.00	34.51 -0.21 0.00	31.57 -0.33 0.00
BORALEX_4TH_BRANCH 23824	46.54 1.33 0.00	43.00 1.21 0.00	43.64 1.41 0.00	40.37 1.37 0.00	38.71 1.46 0.00	48.25 2.40 0.00	90.15 3.35 0.00	143.29 5.42 0.00	46.01 1.77 0.00	34.92 1.30 0.00	33.31 0.91 0.00	30.57 0.72 0.00	29.50 0.62 0.00	22.91 0.62 0.00	31.25 0.95 0.00	27.75 0.95 0.00	31.06 1.20 0.00	37.40 1.38 0.00	47.97 1.57 0.00	74.55 2.46 0.00	74.57 2.58 0.00	47.75 1.76 0.00	36.25 1.53 0.00	33.30 1.41 0.00
BOWLINE___1 23526	46.04 0.82 0.00	42.63 0.85 0.00	43.04 0.81 0.00	39.76 0.76 0.00	38.06 0.81 0.00	47.26 1.41 0.00	89.41 2.61 0.00	143.18 5.31 0.00	45.78 1.54 0.00	34.84 1.23 0.00	33.43 1.03 0.00	30.65 0.80 0.00	29.65 0.76 0.00	23.02 0.73 0.00	31.34 1.05 0.00	27.89 1.09 0.00	31.07 1.21 0.00	37.52 1.50 0.00	48.20 1.80 0.00	74.86 2.77 0.00	74.87 2.88 0.00	47.89 1.90 0.00	36.02 1.30 0.00	32.91 1.02 0.00
BOWLINE___2 23595	46.04 0.82 0.00	42.63 0.85 0.00	43.04 0.81 0.00	39.76 0.76 0.00	38.06 0.81 0.00	47.25 1.41 0.00	89.40 2.59 0.00	143.16 5.30 0.00	45.78 1.54 0.00	34.83 1.22 0.00	33.42 1.02 0.00	30.65 0.80 0.00	29.64 0.76 0.00	23.01 0.73 0.00	31.34 1.05 0.00	27.88 1.09 0.00	31.06 1.21 0.00	37.52 1.50 0.00	48.20 1.80 0.00	74.86 2.77 0.00	74.87 2.88 0.00	47.89 1.90 0.00	36.02 1.30 0.00	32.91 1.02 0.00
BRADY___115KV_TB2 356060	46.85 1.63 0.00	43.25 1.46 0.00	43.74 1.51 0.00	40.36 1.36 0.00	38.37 1.12 0.00	46.53 0.69 0.00	89.04 2.24 0.00	140.59 2.72 0.00	45.00 0.77 0.00	33.88 0.27 0.00	32.88 0.48 0.00	30.24 0.39 0.00	29.22 0.34 0.00	22.53 0.08 -0.16	30.39 0.10 0.00	26.81 0.01 0.00	29.92 0.06 0.00	36.25 0.24 0.00	47.39 0.99 0.00	73.89 1.81 0.00	73.76 1.78 0.00	47.04 1.05 0.00	35.42 0.71 0.00	32.57 0.68 0.00
BRANSCOMB___SOLAR 323811	46.67 1.45 0.00	43.11 1.33 0.00	43.70 1.47 0.00	40.41 1.41 0.00	38.76 1.50 0.00	48.21 2.36 0.00	90.59 3.78 0.00	144.17 6.30 0.00	46.07 1.84 0.00	34.69 1.08 0.00	33.00 0.60 0.00	30.24 0.39 0.00	29.20 0.32 0.00	22.64 0.36 0.00	30.90 0.61 0.00	27.37 0.58 0.00	30.74 0.88 0.00	37.30 1.28 0.00	48.02 1.62 0.00	74.80 2.71 0.00	74.85 2.87 0.00	47.75 1.76 0.00	36.08 1.36 0.00	33.12 1.23 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	46.89 1.67 0.00	43.61 1.83 0.00	43.91 1.68 0.00	40.41 1.41 0.00	38.94 1.69 0.00	48.27 2.42 0.00	90.62 3.82 0.00	144.83 7.39 0.43	46.36 2.12 0.00	35.32 1.71 0.00	34.05 1.65 0.00	31.03 1.18 0.00	29.92 1.04 0.00	23.05 0.77 0.01	31.60 1.30 0.00	28.26 1.46 0.00	31.63 1.77 0.00	38.17 2.15 0.00	49.12 2.72 0.00	76.82 4.73 0.00	76.78 4.80 0.00	49.11 3.12 0.00	36.98 2.27 0.00	33.68 1.78 0.00



BRISTLHL_115KV_TB1 79998	43.87 -1.35 0.00	40.50 -1.29 0.00	40.87 -1.36 0.00	37.73 -1.27 0.00	36.13 -1.13 0.00	44.77 -1.07 0.00	84.47 -2.34 0.00	134.13 -3.74 0.00	42.92 -1.32 0.00	32.57 -1.04 0.00	31.42 -0.98 0.00	28.93 -0.91 0.00	27.98 -0.90 0.00	21.59 -0.70 0.00	29.32 -0.97 0.00	25.91 -0.88 0.00	28.99 -0.87 0.00	34.93 -1.09 0.00	44.86 -1.54 0.00	69.64 -2.44 0.00	69.48 -2.51 0.00	44.40 -1.59 0.00	33.50 -1.22 0.00	30.81 -1.08 0.00
BROOKHAVEN___DRP 24191	46.28 1.06 0.00	43.19 1.40 0.00	43.34 1.10 0.00	39.90 0.90 0.00	38.59 1.33 0.00	47.86 2.02 0.00	89.74 2.93 0.00	144.07 6.65 0.45	45.84 1.61 0.00	34.78 1.17 0.00	33.60 1.20 0.00	30.47 0.62 0.00	29.47 0.59 0.00	22.52 0.24 0.01	30.92 0.63 0.00	27.79 1.00 0.00	31.12 1.26 0.00	37.62 1.60 0.00	48.48 2.08 0.00	76.00 3.91 0.00	76.02 4.04 0.00	48.72 2.73 0.00	36.67 1.95 0.00	33.32 1.43 0.00
BROOKLYN_NAVY_YARD 23515	46.44 1.22 0.00	43.00 1.22 0.00	43.42 1.19 0.00	40.08 1.09 0.00	38.41 1.15 0.00	47.78 1.94 0.00	90.46 3.66 0.00	145.29 7.13 -0.29	46.47 2.23 0.00	35.42 1.81 0.00	33.98 1.58 0.00	31.16 1.32 0.00	30.16 1.28 0.00	23.44 1.15 0.00	31.88 1.58 0.00	28.34 1.54 0.00	31.55 1.69 0.00	37.95 1.94 0.00	48.71 2.30 0.00	75.56 3.47 0.00	75.48 3.50 0.00	48.28 2.29 0.00	36.37 1.65 0.00	33.24 1.34 0.00
BROOKLYN___ARMY_DRP 323595	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.47 4.65 -0.01	147.83 8.79 -1.17	60.79 2.77 -13.79	54.44 2.16 -18.67	54.26 1.94 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.38 1.35 -40.74	52.60 1.86 -20.45	53.63 1.80 -25.03	53.75 2.00 -21.89	57.92 2.39 -19.51	66.46 2.90 -17.16	94.10 4.33 -17.68	98.46 4.53 -21.95	80.90 2.98 -31.93	54.58 2.18 -17.69	53.68 1.77 -20.01
BROOKVLE_69_KV_TB1 55790	46.98 1.76 0.00	43.59 1.80 0.00	43.93 1.70 0.00	40.51 1.52 0.00	38.88 1.63 0.00	48.23 2.38 0.00	90.83 4.03 0.00	145.55 7.70 0.03	46.56 2.32 0.00	35.46 1.85 0.00	34.17 1.77 0.00	31.23 1.38 0.00	30.15 1.28 0.00	23.32 1.03 0.00	31.86 1.56 0.00	28.42 1.62 0.00	31.77 1.91 0.00	38.33 2.31 0.00	49.21 2.81 0.00	76.68 4.59 0.00	76.65 4.67 0.00	49.00 3.00 0.00	36.87 2.15 0.00	33.63 1.74 0.00
BROOME_2_LFGE 323671	44.62 -0.61 0.00	41.17 -0.61 0.00	41.48 -0.75 0.00	38.27 -0.73 0.00	36.61 -0.64 0.00	45.57 -0.28 0.00	86.06 -0.75 0.00	136.39 -1.48 0.00	43.49 -0.74 0.00	33.09 -0.52 0.00	31.97 -0.43 0.00	29.42 -0.43 0.00	28.44 -0.44 0.00	21.91 -0.38 0.00	29.80 -0.49 0.00	26.39 -0.41 0.00	29.45 -0.41 0.00	35.53 -0.49 0.00	45.55 -0.85 0.00	70.87 -1.22 0.00	70.65 -1.33 0.00	45.09 -0.90 0.00	33.98 -0.74 0.00	31.21 -0.68 0.00
BROOME___LFGE 323600	44.62 -0.61 0.00	41.17 -0.61 0.00	41.48 -0.75 0.00	38.27 -0.73 0.00	36.61 -0.64 0.00	45.57 -0.28 0.00	86.06 -0.75 0.00	136.39 -1.48 0.00	43.49 -0.74 0.00	33.09 -0.52 0.00	31.97 -0.43 0.00	29.42 -0.43 0.00	28.44 -0.44 0.00	21.91 -0.38 0.00	29.80 -0.49 0.00	26.39 -0.41 0.00	29.45 -0.41 0.00	35.53 -0.49 0.00	45.55 -0.85 0.00	70.87 -1.22 0.00	70.65 -1.33 0.00	45.09 -0.90 0.00	33.98 -0.74 0.00	31.21 -0.68 0.00
BROWNFLS_115KV_TB_3_5 80003	44.83 -0.38 0.00	41.28 -0.50 0.00	41.72 -0.51 0.00	38.55 -0.44 0.00	36.72 -0.54 0.00	44.92 -0.93 0.00	86.03 -0.77 0.00	136.46 -1.41 0.00	43.62 -0.61 0.00	32.64 -0.97 0.00	31.48 -0.91 0.00	28.73 -1.11 0.00	27.70 -1.18 0.00	21.40 -1.15 -0.25	28.80 -1.49 0.00	25.41 -1.39 0.00	28.50 -1.36 0.00	35.23 -0.79 0.00	46.09 -0.31 0.00	70.92 -1.17 0.00	70.75 -1.23 0.00	44.91 -1.09 0.00	33.70 -1.02 0.00	30.87 -1.02 0.00
BROWNSV1_27_KV_LOAD 356125	46.98 1.75 0.00	43.47 1.69 0.00	43.88 1.65 0.00	40.52 1.52 0.00	38.82 1.57 0.00	48.29 2.44 0.00	91.38 4.57 0.00	146.41 8.54 0.00	46.90 2.66 0.00	35.73 2.12 0.00	34.28 1.88 0.00	31.45 1.60 0.00	30.43 1.54 0.00	23.63 1.35 0.00	32.13 1.84 0.00	28.58 1.78 0.00	31.84 1.98 0.00	38.39 2.37 0.00	49.29 2.89 0.00	76.46 4.37 0.00	76.50 4.51 0.00	48.89 2.89 0.00	36.83 2.11 0.00	33.61 1.72 0.00
BURROWS___LYONSDAL 23803	45.16 -0.06 0.00	41.56 -0.22 0.00	41.97 -0.26 0.00	38.82 -0.19 0.00	37.07 -0.18 0.00	45.87 0.02 0.00	87.49 0.68 0.00	139.28 1.41 0.00	44.44 0.20 0.00	33.25 -0.36 0.00	31.94 -0.45 0.00	29.10 -0.75 0.00	28.07 -0.81 0.00	21.62 -0.75 -0.08	29.37 -0.92 0.00	25.94 -0.86 0.00	29.17 -0.69 0.00	35.98 -0.04 0.00	46.90 0.50 0.00	71.86 -0.23 0.00	71.76 -0.23 0.00	45.51 -0.48 0.00	34.15 -0.57 0.00	31.23 -0.67 0.00
CAITHNESS_CC_1 323624	46.28 1.07 0.00	43.17 1.38 0.00	43.34 1.11 0.00	39.91 0.91 0.00	38.56 1.31 0.00	47.82 1.98 0.00	89.70 2.90 0.00	143.83 6.41 0.45	45.84 1.61 0.00	34.80 1.19 0.00	33.60 1.21 0.00	30.52 0.67 0.00	29.50 0.62 0.00	22.59 0.31 0.01	31.00 0.70 0.00	27.82 1.02 0.00	31.16 1.30 0.00	37.63 1.62 0.00	48.47 2.07 0.00	75.93 3.83 0.00	75.93 3.95 0.00	48.66 2.67 0.00	36.63 1.91 0.00	33.32 1.43 0.00
CALPINE BETH_PAGE_GT4 24209	46.64 1.42 0.00	43.29 1.50 0.00	43.63 1.40 0.00	40.19 1.19 0.00	38.53 1.27 0.00	47.76 1.91 0.00	89.83 3.02 0.00	143.73 6.15 0.29	46.04 1.81 0.00	35.09 1.48 0.00	33.90 1.50 0.00	30.94 1.09 0.00	29.86 0.98 0.00	23.08 0.79 0.01	31.55 1.26 0.00	28.16 1.37 0.00	31.49 1.63 0.00	37.90 1.89 0.00	48.69 2.28 0.00	75.97 3.88 0.00	75.91 3.92 0.00	48.54 2.55 0.00	36.57 1.85 0.00	33.42 1.53 0.00
CALPINE_BETH_PAGE_GT_4 323586	46.64 1.42 0.00	43.29 1.50 0.00	43.63 1.40 0.00	40.19 1.19 0.00	38.53 1.27 0.00	47.76 1.91 0.00	89.82 3.02 0.00	143.70 6.12 0.29	46.04 1.81 0.00	35.08 1.47 0.00	33.89 1.49 0.00	30.94 1.09 0.00	29.86 0.98 0.00	23.07 0.79 0.01	31.54 1.25 0.00	28.16 1.37 0.00	31.49 1.63 0.00	37.90 1.88 0.00	48.68 2.28 0.00	75.97 3.88 0.00	75.90 3.92 0.00	48.54 2.54 0.00	36.56 1.84 0.00	33.42 1.53 0.00
CALPINE_BP_GT1 23823	46.64 1.42 0.00	43.29 1.50 0.00	43.63 1.40 0.00	40.19 1.19 0.00	38.53 1.27 0.00	47.76 1.91 0.00	89.82 3.02 0.00	143.70 6.12 0.29	46.04 1.81 0.00	35.08 1.47 0.00	33.89 1.49 0.00	30.94 1.09 0.00	29.86 0.98 0.00	23.07 0.79 0.01	31.54 1.25 0.00	28.16 1.37 0.00	31.49 1.63 0.00	37.90 1.88 0.00	48.68 2.28 0.00	75.97 3.88 0.00	75.90 3.92 0.00	48.54 2.54 0.00	36.56 1.84 0.00	33.42 1.53 0.00
CALSPAN___DRP 24200	43.11 -2.11 0.00	39.68 -2.10 0.00	39.77 -2.46 0.00	36.58 -2.42 0.00	35.06 -2.20 0.00	44.30 -1.54 0.00	82.46 -4.34 0.00	121.17 -8.17 8.53	36.74 -2.50 4.99	26.47 -1.70 5.44	27.37 -1.85 3.17	23.42 -1.62 4.81	22.21 -1.65 5.02	16.43 -1.45 4.41	23.77 -2.14 4.39	20.58 -2.10 4.12	23.43 -2.06 4.37	28.16 -2.67 5.18	36.74 -3.68 5.98	58.90 -5.03 8.16	58.81 -5.23 7.95	37.22 -3.27 5.50	28.34 -2.47 3.90	29.65 -2.11 0.14

CALVERTON___SOLAR 323806	46.28 1.07 0.00	43.21 1.42 0.00	43.34 1.11 0.00	39.91 0.91 0.00	38.60 1.35 0.00	47.88 2.03 0.00	89.77 2.96 0.00	144.05 6.63 0.45	45.84 1.61 0.00	34.75 1.14 0.00	33.56 1.17 0.00	30.43 0.58 0.00	29.43 0.55 0.00	22.50 0.22 0.01	30.88 0.59 0.00	27.76 0.97 0.00	31.10 1.24 0.00	37.60 1.58 0.00	48.48 2.08 0.00	76.01 3.92 0.00	76.11 4.13 0.00	48.77 2.78 0.00	36.70 1.99 0.00	33.35 1.46 0.00
CANDIGU_WT_PWR 323617	42.25 -2.97 0.00	38.95 -2.84 0.00	38.99 -3.24 0.00	35.84 -3.16 0.00	34.26 -3.00 0.00	43.12 -2.72 0.00	81.34 -5.46 0.00	34.68 -10.15 93.04	-13.89 -3.75 54.38	-28.42 -2.73 59.30	-4.55 -2.36 34.59	-24.92 -2.31 52.45	-28.42 -2.57 54.73	-27.91 -2.12 48.08	-28.75 -2.86 56.17	-28.49 -2.49 52.80	-28.74 -2.62 55.98	-33.50 -3.07 66.45	-34.48 -4.23 76.65	-38.96 -6.20 104.85	-36.43 -6.30 102.11	-28.78 -4.11 70.66	-18.59 -3.15 50.15	27.25 -2.86 1.77
CARR STREET_E_SYR 24060	44.22 -1.00 0.00	40.82 -0.96 0.00	41.18 -1.05 0.00	38.02 -0.99 0.00	36.39 -0.87 0.00	45.15 -0.70 0.00	85.15 -1.65 0.00	135.23 -2.64 0.00	43.26 -0.98 0.00	32.86 -0.75 0.00	31.73 -0.67 0.00	29.22 -0.63 0.00	28.25 -0.63 0.00	21.80 -0.49 0.00	29.60 -0.69 0.00	26.17 -0.62 0.00	29.23 -0.63 0.00	35.19 -0.82 0.00	45.20 -1.20 0.00	70.22 -1.87 0.00	70.03 -1.96 0.00	44.73 -1.26 0.00	33.77 -0.94 0.00	31.03 -0.86 0.00
CARTHAGE___PAPER 23857	45.05 -0.17 0.00	41.42 -0.36 0.00	41.80 -0.44 0.00	38.71 -0.29 0.00	36.93 -0.32 0.00	45.66 -0.19 0.00	87.46 0.66 0.00	139.05 1.19 0.00	44.22 -0.02 0.00	32.74 -0.87 0.00	31.37 -1.03 0.00	28.38 -1.47 0.00	27.35 -1.53 0.00	20.96 -1.46 -0.13	28.43 -1.87 0.00	25.09 -1.71 0.00	28.33 -1.53 0.00	35.86 -0.16 0.00	46.97 0.57 0.00	71.65 -0.44 0.00	71.39 -0.59 0.00	45.17 -0.82 0.00	33.78 -0.94 0.00	30.84 -1.05 0.00
CASSADAGA_WT_PWR 323784	42.08 -3.14 0.00	38.48 -3.31 0.00	38.48 -3.76 0.00	35.29 -3.71 0.00	33.74 -3.51 0.00	43.00 -2.85 0.00	80.88 -5.92 0.00	123.33 -11.22 3.32	38.69 -3.60 1.94	29.32 -2.16 2.12	29.26 -1.90 1.24	26.36 -1.62 1.87	25.29 -1.64 1.96	18.76 -1.81 1.72	25.36 -2.82 2.11	22.31 -2.51 1.98	24.98 -2.78 2.10	30.16 -3.36 2.49	39.06 -4.47 2.88	63.11 -5.08 3.91	63.33 -4.85 3.80	39.24 -4.13 2.63	29.52 -3.33 1.87	28.80 -3.03 0.06
CE_DUNWOOD___DRP 24194	46.41 1.19 0.00	42.96 1.18 0.00	43.39 1.15 0.00	40.06 1.06 0.00	38.37 1.12 0.00	47.68 1.84 0.00	90.17 3.36 0.00	144.37 6.50 0.00	46.21 1.98 0.00	35.19 1.57 0.00	33.76 1.36 0.00	30.96 1.11 0.00	29.95 1.07 0.00	23.25 0.97 0.00	31.66 1.37 0.00	28.16 1.36 0.00	31.38 1.52 0.00	37.87 1.85 0.00	48.63 2.23 0.00	75.50 3.42 0.00	75.48 3.50 0.00	48.26 2.27 0.00	36.34 1.63 0.00	33.20 1.31 0.00
CE_MILLWOOD___DRP 24193	46.25 1.03 0.00	42.83 1.05 0.00	43.26 1.03 0.00	39.95 0.95 0.00	38.26 1.00 0.00	47.52 1.67 0.00	89.87 3.07 0.00	143.85 5.99 0.00	46.04 1.81 0.00	35.05 1.44 0.00	33.62 1.22 0.00	30.83 0.98 0.00	29.82 0.95 0.00	23.16 0.88 0.00	31.53 1.24 0.00	28.04 1.25 0.00	31.26 1.40 0.00	37.73 1.71 0.00	48.45 2.05 0.00	75.24 3.16 0.00	75.24 3.26 0.00	48.11 2.11 0.00	36.22 1.50 0.00	33.09 1.20 0.00
CE_NYC2_DRP 24202	46.78 1.55 0.00	43.30 1.52 0.00	43.72 1.49 0.00	40.37 1.37 0.00	38.69 1.43 0.00	48.08 2.24 0.00	90.94 4.14 0.00	145.78 7.91 0.00	46.89 2.50 -0.16	37.14 1.98 -1.55	35.15 1.76 -0.99	34.09 1.48 -2.76	35.91 1.43 -5.60	36.51 1.26 -12.96	33.04 1.74 -1.01	29.71 1.68 -1.23	32.80 1.87 -1.07	39.20 2.23 -0.95	49.62 2.70 -0.53	76.09 4.00 0.00	77.22 4.16 -1.09	49.02 2.70 -0.32	36.68 1.96 0.00	34.13 1.58 -0.66
CE_NYC_DRP 24195	46.63 1.41 0.00	43.17 1.39 0.00	43.58 1.35 0.00	40.25 1.25 0.00	38.56 1.31 0.00	47.94 2.10 0.00	90.68 3.88 0.00	145.32 7.45 0.00	46.56 2.32 0.00	35.46 1.85 0.00	34.03 1.64 0.00	31.21 1.37 0.00	30.20 1.32 0.00	23.48 1.19 0.00	31.92 1.62 0.00	28.38 1.58 0.00	31.60 1.74 0.00	38.10 2.08 0.00	48.91 2.51 0.00	75.88 3.79 0.00	75.86 3.87 0.00	48.49 2.50 0.00	36.53 1.82 0.00	33.35 1.45 0.00
CHAFFEE___LFGE 323603	44.62 -0.60 0.00	41.01 -0.77 0.00	41.20 -1.04 0.00	37.90 -1.10 0.00	36.25 -1.01 0.00	45.34 -0.51 0.00	85.18 -1.62 0.00	134.04 -5.73 -1.91	43.04 -2.30 -1.11	33.36 -1.47 -1.21	31.80 -1.30 -0.71	29.87 -1.06 -1.08	28.90 -1.10 -1.12	22.29 -0.98 -0.99	28.83 -1.46 0.00	25.44 -1.36 0.00	28.50 -1.36 0.00	34.11 -1.91 0.00	43.52 -2.88 0.00	68.24 -3.85 0.00	67.95 -4.04 0.00	43.29 -2.70 0.00	32.64 -2.07 0.00	30.25 -1.64 0.00
CHATEAUG_35_KV_LOAD 355732	46.97 1.75 0.00	43.29 1.50 0.00	43.84 1.60 0.00	40.33 1.33 0.00	38.26 1.00 0.00	46.26 0.41 0.00	88.16 1.35 0.00	139.22 1.36 0.00	44.56 0.32 0.00	33.73 0.12 0.00	32.77 0.37 0.00	30.13 0.29 0.00	28.85 -0.03 0.00	19.17 -0.47 2.65	29.77 -0.52 0.00	26.38 -0.41 0.00	29.29 -0.57 0.00	35.66 -0.36 0.00	46.61 0.21 0.00	73.07 0.99 0.00	73.07 1.08 0.00	46.06 0.06 0.00	34.43 -0.28 0.00	31.55 -0.34 0.00
CHATEAUG_WT_PWR 323614	46.82 1.60 0.00	43.16 1.38 0.00	43.71 1.48 0.00	40.22 1.22 0.00	38.15 0.90 0.00	46.20 0.35 0.00	87.94 1.14 0.00	138.80 0.93 0.00	44.46 0.22 0.00	33.69 0.08 0.00	32.75 0.35 0.00	30.11 0.27 0.00	28.85 -0.04 0.00	19.32 -0.50 2.47	29.75 -0.55 0.00	26.37 -0.43 0.00	29.23 -0.62 0.00	35.63 -0.39 0.00	46.54 0.14 0.00	72.94 0.85 0.00	72.86 0.88 0.00	45.93 -0.06 0.00	34.33 -0.38 0.00	31.45 -0.44 0.00
CHAT_HIGH_FALL_HYD 323578	46.97 1.75 0.00	43.29 1.50 0.00	43.84 1.60 0.00	40.33 1.33 0.00	38.26 1.00 0.00	46.26 0.41 0.00	88.16 1.35 0.00	139.22 1.36 0.00	44.56 0.32 0.00	33.73 0.12 0.00	32.77 0.37 0.00	30.13 0.29 0.00	28.85 -0.03 0.00	19.17 -0.47 2.65	29.77 -0.52 0.00	26.38 -0.41 0.00	29.29 -0.57 0.00	35.66 -0.36 0.00	46.61 0.21 0.00	73.07 0.99 0.00	73.07 1.08 0.00	46.06 0.06 0.00	34.43 -0.28 0.00	31.55 -0.34 0.00
CHAUTAUQUA___LFGE 323629	42.69 -2.53 0.00	39.18 -2.61 0.00	39.20 -3.03 0.00	36.01 -2.99 0.00	34.39 -2.86 0.00	43.64 -2.20 0.00	82.07 -4.73 0.00	123.37 -8.98 5.52	37.96 -3.04 3.23	28.16 -1.93 3.52	28.58 -1.76 2.05	25.24 -1.49 3.11	24.10 -1.53 3.25	17.85 -1.59 2.85	24.80 -2.36 3.13	21.70 -2.15 2.94	24.42 -2.32 3.12	29.49 -2.83 3.70	38.21 -3.92 4.27	61.59 -4.70 5.80	61.71 -4.63 5.64	38.49 -3.60 3.90	29.05 -2.89 2.77	29.21 -2.58 0.10
CHERRYST_13_KV_LD 356241	46.74 1.53 0.00	43.26 1.48 0.00	43.69 1.45 0.00	40.34 1.34 0.00	38.66 1.40 0.00	48.06 2.22 0.00	90.94 4.13 0.00	145.75 7.88 0.00	46.69 2.46 0.00	35.58 1.97 0.00	34.15 1.75 0.00	31.32 1.47 0.00	30.30 1.42 0.00	23.54 1.26 0.00	32.02 1.73 0.00	28.47 1.67 0.00	31.71 1.85 0.00	38.22 2.20 0.00	49.06 2.66 0.00	76.10 4.01 0.00	76.06 4.08 0.00	48.60 2.61 0.00	36.62 1.90 0.00	33.43 1.54 0.00

CHESTROR_138KV_BK263 355645	45.93 0.71 0.00	42.51 0.73 0.00	42.95 0.72 0.00	39.68 0.68 0.00	37.98 0.73 0.00	47.14 1.29 0.00	89.13 2.32 0.00	142.54 4.67 0.00	45.60 1.36 0.00	34.65 1.04 0.00	33.24 0.84 0.00	30.49 0.64 0.00	29.51 0.63 0.00	22.90 0.61 0.00	31.17 0.87 0.00	27.71 0.91 0.00	30.89 1.03 0.00	37.33 1.31 0.00	47.98 1.58 0.00	74.54 2.45 0.00	74.53 2.55 0.00	47.65 1.66 0.00	35.87 1.15 0.00	32.78 0.89 0.00
CH_MIDHUDSON___DRP 24192	46.33 1.11 0.00	42.89 1.10 0.00	43.34 1.11 0.00	40.04 1.04 0.00	38.36 1.10 0.00	47.63 1.79 0.00	90.02 3.21 0.00	143.88 6.01 0.00	46.06 1.83 0.00	35.03 1.43 0.00	33.59 1.19 0.00	30.79 0.95 0.00	29.80 0.92 0.00	23.14 0.85 0.00	31.51 1.21 0.00	28.00 1.20 0.00	31.22 1.37 0.00	37.74 1.72 0.00	48.49 2.09 0.00	75.33 3.24 0.00	75.29 3.31 0.00	48.12 2.12 0.00	36.26 1.54 0.00	33.16 1.27 0.00
CH_MISC_IPPS 23765	46.67 1.46 0.00	43.18 1.40 0.00	43.63 1.40 0.00	40.31 1.31 0.00	38.61 1.36 0.00	47.97 2.13 0.00	90.79 3.99 0.00	145.16 7.30 0.00	46.42 2.18 0.00	35.25 1.64 0.00	33.77 1.37 0.00	30.96 1.11 0.00	29.94 1.06 0.00	23.24 0.95 0.00	31.65 1.36 0.00	28.14 1.34 0.00	31.41 1.56 0.00	38.02 2.00 0.00	48.86 2.46 0.00	75.96 3.87 0.00	75.91 3.93 0.00	48.49 2.49 0.00	36.50 1.78 0.00	33.35 1.46 0.00
CH_RES_BVR_FALLS 23983	44.45 -0.77 0.00	41.05 -0.73 0.00	41.56 -0.68 0.00	38.35 -0.65 0.00	36.59 -0.66 0.00	44.90 -0.94 0.00	85.61 -1.20 0.00	135.84 -2.03 0.00	43.73 -0.50 0.00	33.27 -0.34 0.00	32.19 -0.21 0.00	29.51 -0.34 0.00	28.45 -0.43 0.00	21.87 -0.42 0.00	29.79 -0.51 0.00	26.26 -0.54 0.00	29.29 -0.57 0.00	35.48 -0.54 0.00	45.84 -0.56 0.00	70.83 -1.26 0.00	70.75 -1.23 0.00	45.05 -0.95 0.00	33.94 -0.78 0.00	31.14 -0.75 0.00
CH_RES_NIAGARA 23895	42.12 -3.10 0.00	38.78 -3.00 0.00	38.95 -3.28 0.00	35.83 -3.17 0.00	34.34 -2.92 0.00	43.25 -2.59 0.00	80.10 -6.71 0.00	115.77 -12.12 9.97	34.70 -3.70 5.85	24.63 -2.61 6.37	25.89 -2.79 3.72	21.81 -2.39 5.64	20.65 -2.35 5.88	15.17 -1.95 5.17	21.72 -2.93 5.64	18.62 -2.89 5.29	21.35 -2.91 5.60	25.63 -3.74 6.65	33.68 -5.05 7.67	54.29 -7.33 10.47	54.25 -7.53 10.19	34.11 -4.82 7.05	26.18 -3.53 5.01	28.73 -2.98 0.18
CH_RES_SYRACUSE 23985	44.46 -0.76 0.00	41.07 -0.71 0.00	41.41 -0.82 0.00	38.25 -0.75 0.00	36.62 -0.64 0.00	45.42 -0.43 0.00	85.76 -1.05 0.00	136.19 -1.68 0.00	43.49 -0.74 0.00	33.02 -0.59 0.00	31.89 -0.51 0.00	29.35 -0.50 0.00	28.38 -0.50 0.00	21.89 -0.39 0.00	29.74 -0.56 0.00	26.29 -0.51 0.00	29.40 -0.46 0.00	35.43 -0.59 0.00	45.51 -0.89 0.00	70.70 -1.39 0.00	70.52 -1.46 0.00	45.02 -0.97 0.00	33.98 -0.74 0.00	31.24 -0.65 0.00
CLINTON_WT_PWR 323605	46.82 1.60 0.00	43.16 1.38 0.00	43.71 1.48 0.00	40.22 1.22 0.00	38.15 0.90 0.00	46.20 0.35 0.00	87.94 1.14 0.00	138.80 0.93 0.00	44.46 0.22 0.00	33.69 0.08 0.00	32.75 0.35 0.00	30.11 0.27 0.00	28.85 -0.04 0.00	19.32 -0.50 2.47	29.75 -0.55 0.00	26.37 -0.43 0.00	29.23 -0.62 0.00	35.63 -0.39 0.00	46.54 0.14 0.00	72.94 0.85 0.00	72.86 0.88 0.00	45.93 -0.06 0.00	34.33 -0.38 0.00	31.45 -0.44 0.00
CLINTON___LFGE 323618	47.74 2.52 0.00	44.01 2.22 0.00	44.59 2.36 0.00	40.98 1.98 0.00	38.86 1.61 0.00	47.07 1.23 0.00	89.41 2.60 0.00	140.68 2.82 0.00	45.01 0.78 0.00	34.03 0.42 0.00	33.14 0.74 0.00	30.38 0.53 0.00	29.08 0.20 0.00	19.32 -0.43 2.53	29.81 -0.48 0.00	26.38 -0.42 0.00	29.17 -0.69 0.00	35.72 -0.30 0.00	46.89 0.49 0.00	73.95 1.86 0.00	73.87 1.89 0.00	46.39 0.40 0.00	34.65 -0.06 0.00	31.65 -0.24 0.00
COBBLENY_34_KV_TB1 80064	44.61 -0.60 0.00	41.01 -0.77 0.00	41.20 -1.04 0.00	37.90 -1.10 0.00	36.25 -1.01 0.00	45.34 -0.51 0.00	85.18 -1.63 0.00	134.03 -5.75 -1.91	43.02 -2.33 -1.11	33.33 -1.49 -1.21	31.79 -1.32 -0.71	29.85 -1.07 -1.08	28.90 -1.11 -1.12	22.28 -1.00 -0.99	28.82 -1.47 0.00	25.43 -1.37 0.00	28.46 -1.40 0.00	34.04 -1.98 0.00	43.49 -2.91 0.00	68.20 -3.88 0.00	67.91 -4.07 0.00	43.26 -2.74 0.00	32.61 -2.10 0.00	30.25 -1.64 0.00
COFFEEN___115KV_TB3 355620	45.06 -0.16 0.00	41.45 -0.33 0.00	41.78 -0.45 0.00	38.74 -0.26 0.00	36.99 -0.26 0.00	45.94 0.09 0.00	87.90 1.09 0.00	139.77 1.91 0.00	44.32 0.08 0.00	32.68 -0.93 0.00	31.23 -1.17 0.00	28.18 -1.67 0.00	27.14 -1.74 0.00	20.80 -1.60 -0.11	28.22 -2.07 0.00	24.90 -1.90 0.00	28.20 -1.66 0.00	36.04 0.02 0.00	47.10 0.70 0.00	71.84 -0.25 0.00	71.52 -0.47 0.00	45.26 -0.74 0.00	33.82 -0.90 0.00	30.87 -1.02 0.00
COLDSPRG_115KV_BK1 355956	44.12 -1.10 0.00	40.46 -1.32 0.00	40.53 -1.70 0.00	37.25 -1.74 0.00	35.63 -1.63 0.00	45.04 -0.81 0.00	84.77 -2.04 0.00	132.39 -5.48 0.00	42.24 -2.00 0.00	32.46 -1.15 0.00	31.42 -0.98 0.00	29.03 -0.82 0.00	28.00 -0.88 0.00	21.27 -1.02 0.00	28.73 -1.57 0.00	25.37 -1.43 0.00	28.33 -1.53 0.00	34.04 -1.98 0.00	43.59 -2.81 0.00	68.90 -3.19 0.00	68.76 -3.22 0.00	43.43 -2.57 0.00	32.66 -2.06 0.00	30.15 -1.74 0.00
COLONIE_LFGE___ 323577	46.13 0.91 0.00	42.64 0.85 0.00	43.22 0.99 0.00	39.97 0.97 0.00	38.30 1.05 0.00	47.57 1.73 0.00	89.24 2.44 0.00	142.16 4.29 0.00	45.55 1.32 0.00	34.51 0.90 0.00	32.96 0.56 0.00	30.26 0.42 0.00	29.25 0.37 0.00	22.70 0.41 0.00	30.94 0.65 0.00	27.44 0.65 0.00	30.68 0.82 0.00	37.05 1.03 0.00	47.63 1.23 0.00	74.02 1.93 0.00	74.01 2.02 0.00	47.31 1.32 0.00	35.80 1.08 0.00	32.85 0.96 0.00
COOPERNY_115KV_TB1 80082	45.64 0.42 0.00	42.24 0.46 0.00	42.66 0.43 0.00	39.42 0.42 0.00	37.72 0.46 0.00	46.74 0.90 0.00	88.35 1.54 0.00	140.99 3.13 0.00	45.11 0.88 0.00	34.32 0.71 0.00	32.97 0.57 0.00	30.28 0.43 0.00	29.30 0.42 0.00	22.71 0.43 0.00	30.90 0.61 0.00	27.42 0.62 0.00	30.57 0.71 0.00	36.93 0.91 0.00	47.46 1.06 0.00	73.71 1.62 0.00	73.67 1.69 0.00	47.10 1.11 0.00	35.48 0.76 0.00	32.47 0.58 0.00
COPENHAGEN_WT_PWR 323753	44.23 -0.99 0.00	40.69 -1.10 0.00	41.00 -1.23 0.00	38.06 -0.94 0.00	36.32 -0.94 0.00	45.03 -0.81 0.00	86.06 -0.74 0.00	136.98 -0.89 0.00	43.60 -0.64 0.00	32.29 -1.32 0.00	30.94 -1.46 0.00	27.94 -1.91 0.00	26.92 -1.96 0.00	20.58 -1.81 -0.10	27.96 -2.33 0.00	24.67 -2.13 0.00	27.84 -2.02 0.00	35.39 -0.63 0.00	46.30 -0.10 0.00	70.28 -1.81 0.00	69.87 -2.11 0.00	44.25 -1.74 0.00	33.10 -1.62 0.00	30.22 -1.67 0.00
CORNELL_____ 23752	45.19 -0.03 0.00	41.73 -0.05 0.00	42.07 -0.16 0.00	38.84 -0.16 0.00	37.19 -0.06 0.00	46.29 0.44 0.00	87.59 0.78 0.00	143.36 1.15 -4.34	46.74 -0.04 -2.54	36.10 -0.27 -2.77	33.69 -0.33 -1.61	31.92 -0.38 -2.45	30.98 -0.46 -2.56	24.14 -0.39 -2.25	32.35 -0.49 -2.55	28.74 -0.46 -2.39	32.20 -0.19 -2.54	38.96 -0.07 -3.01	49.75 -0.12 -3.47	76.77 -0.06 -4.75	76.40 -0.19 -4.62	48.98 -0.20 -3.19	36.73 -0.25 -2.27	31.68 -0.29 -0.08

CORONA_69_KV_TB1 355595	46.89 1.67 0.00	43.50 1.72 0.00	43.87 1.64 0.00	40.45 1.46 0.00	38.82 1.57 0.00	48.10 2.26 0.00	90.42 3.61 0.00	145.24 6.80 -0.57	46.37 2.13 0.00	35.37 1.76 0.00	34.09 1.69 0.00	31.17 1.32 0.00	30.12 1.24 0.00	23.29 1.01 0.00	31.81 1.51 0.00	28.37 1.57 0.00	31.70 1.84 0.00	38.21 2.19 0.00	49.06 2.66 0.00	76.53 4.44 0.00	76.49 4.50 0.00	48.88 2.89 0.00	36.79 2.08 0.00	33.59 1.70 0.00
CORTLAND_115KV_TB3 80093	44.96 -0.25 0.00	41.50 -0.28 0.00	41.85 -0.38 0.00	38.63 -0.37 0.00	36.97 -0.28 0.00	45.96 0.11 0.00	86.89 0.08 0.00	137.97 0.10 0.00	43.98 -0.25 0.00	33.28 -0.33 0.00	32.07 -0.32 0.00	29.47 -0.38 0.00	28.48 -0.41 0.00	21.96 -0.33 0.00	29.87 -0.42 0.00	26.42 -0.38 0.00	29.62 -0.24 0.00	35.82 -0.20 0.00	46.08 -0.32 0.00	71.64 -0.45 0.00	71.44 -0.55 0.00	45.59 -0.41 0.00	34.33 -0.38 0.00	31.51 -0.38 0.00
COXSACKIE___GT 23611	47.62 2.40 0.00	43.97 2.18 0.00	44.52 2.29 0.00	41.18 2.18 0.00	39.49 2.24 0.00	49.18 3.33 0.00	92.77 5.97 0.00	147.80 9.94 0.00	47.02 2.78 0.00	35.09 1.48 0.00	33.32 0.93 0.00	30.53 0.69 0.00	29.50 0.61 0.00	22.88 0.59 0.00	31.15 0.86 0.00	27.62 0.82 0.00	30.96 1.10 0.00	37.60 1.58 0.00	49.07 2.67 0.00	76.59 4.50 0.00	76.39 4.41 0.00	48.68 2.68 0.00	36.71 1.99 0.00	33.58 1.69 0.00
CPV_VALLEY___CC1 323721	45.62 0.40 0.00	42.23 0.44 0.00	42.66 0.43 0.00	39.43 0.43 0.00	37.74 0.49 0.00	46.79 0.95 0.00	88.45 1.64 0.00	141.40 3.54 0.00	45.26 1.02 0.00	34.44 0.82 0.00	33.05 0.65 0.00	30.32 0.47 0.00	29.35 0.47 0.00	22.78 0.49 0.00	31.00 0.71 0.00	27.55 0.75 0.00	30.69 0.83 0.00	37.07 1.05 0.00	47.62 1.22 0.00	73.95 1.86 0.00	73.93 1.95 0.00	47.28 1.28 0.00	35.60 0.89 0.00	32.56 0.67 0.00
CPV_VALLEY___CC2 323722	45.62 0.40 0.00	42.23 0.44 0.00	42.66 0.43 0.00	39.43 0.43 0.00	37.74 0.49 0.00	46.79 0.95 0.00	88.45 1.64 0.00	141.40 3.54 0.00	45.26 1.02 0.00	34.44 0.82 0.00	33.05 0.65 0.00	30.32 0.47 0.00	29.35 0.47 0.00	22.78 0.49 0.00	31.00 0.71 0.00	27.55 0.75 0.00	30.69 0.83 0.00	37.07 1.05 0.00	47.62 1.22 0.00	73.95 1.86 0.00	73.93 1.95 0.00	47.28 1.28 0.00	35.60 0.89 0.00	32.56 0.67 0.00
CRESCENT___HYD 24018	46.13 0.91 0.00	42.64 0.85 0.00	43.22 0.99 0.00	39.97 0.97 0.00	38.30 1.05 0.00	47.57 1.73 0.00	89.24 2.44 0.00	142.16 4.29 0.00	45.55 1.32 0.00	34.51 0.90 0.00	32.96 0.56 0.00	30.26 0.42 0.00	29.25 0.37 0.00	22.70 0.41 0.00	30.94 0.65 0.00	27.44 0.65 0.00	30.68 0.82 0.00	37.05 1.03 0.00	47.63 1.23 0.00	74.02 1.93 0.00	74.01 2.02 0.00	47.31 1.32 0.00	35.80 1.08 0.00	32.85 0.96 0.00
CRICKET___VALLEY_CC1 323756	45.92 0.70 0.00	42.50 0.72 0.00	43.02 0.79 0.00	39.75 0.75 0.00	38.07 0.82 0.00	47.27 1.43 0.00	89.28 2.47 0.00	142.44 4.57 0.00	45.65 1.42 0.00	34.77 1.16 0.00	33.30 0.91 0.00	30.55 0.70 0.00	29.57 0.69 0.00	22.98 0.69 0.00	31.33 1.04 0.00	27.86 1.06 0.00	31.04 1.18 0.00	37.52 1.50 0.00	48.13 1.73 0.00	74.77 2.68 0.00	74.74 2.76 0.00	47.75 1.76 0.00	36.03 1.32 0.00	33.01 1.12 0.00
CRICKET___VALLEY_CC2 323757	45.92 0.70 0.00	42.50 0.72 0.00	43.02 0.79 0.00	39.75 0.75 0.00	38.07 0.82 0.00	47.27 1.43 0.00	89.28 2.47 0.00	142.44 4.57 0.00	45.65 1.42 0.00	34.77 1.16 0.00	33.30 0.91 0.00	30.55 0.70 0.00	29.57 0.69 0.00	22.98 0.69 0.00	31.33 1.04 0.00	27.86 1.06 0.00	31.04 1.18 0.00	37.52 1.50 0.00	48.13 1.73 0.00	74.77 2.68 0.00	74.74 2.76 0.00	47.75 1.76 0.00	36.03 1.32 0.00	33.01 1.12 0.00
CRICKET___VALLEY_CC3 323758	45.92 0.70 0.00	42.50 0.72 0.00	43.02 0.79 0.00	39.75 0.75 0.00	38.07 0.82 0.00	47.27 1.43 0.00	89.28 2.47 0.00	142.44 4.57 0.00	45.65 1.42 0.00	34.77 1.16 0.00	33.30 0.91 0.00	30.55 0.70 0.00	29.57 0.69 0.00	22.98 0.69 0.00	31.33 1.04 0.00	27.86 1.06 0.00	31.04 1.18 0.00	37.52 1.50 0.00	48.13 1.73 0.00	74.77 2.68 0.00	74.74 2.76 0.00	47.75 1.76 0.00	36.03 1.32 0.00	33.01 1.12 0.00
CRUCIBLE_METL_DRP 24180	44.46 -0.76 0.00	41.07 -0.71 0.00	41.42 -0.82 0.00	38.25 -0.75 0.00	36.61 -0.64 0.00	45.42 -0.42 0.00	85.76 -1.05 0.00	136.15 -1.71 0.00	43.49 -0.74 0.00	33.02 -0.60 0.00	31.88 -0.51 0.00	29.35 -0.50 0.00	28.37 -0.51 0.00	21.89 -0.39 0.00	29.74 -0.56 0.00	26.28 -0.51 0.00	29.39 -0.47 0.00	35.42 -0.60 0.00	45.51 -0.89 0.00	70.70 -1.39 0.00	70.52 -1.46 0.00	45.02 -0.98 0.00	33.98 -0.74 0.00	31.23 -0.66 0.00
DAHOWA___HYDRO 323763	46.79 1.57 0.00	43.21 1.43 0.00	43.81 1.58 0.00	40.53 1.53 0.00	38.87 1.62 0.00	48.39 2.55 0.00	90.93 4.12 0.00	144.73 6.86 0.00	46.27 2.04 0.00	34.80 1.19 0.00	33.07 0.67 0.00	30.28 0.44 0.00	29.23 0.35 0.00	22.66 0.37 0.00	30.89 0.60 0.00	27.36 0.56 0.00	30.76 0.90 0.00	37.34 1.32 0.00	48.03 1.63 0.00	74.87 2.78 0.00	74.94 2.96 0.00	47.76 1.77 0.00	36.09 1.38 0.00	33.14 1.25 0.00
DANC___LFGE 323619	44.04 -1.18 0.00	40.57 -1.21 0.00	40.91 -1.32 0.00	37.89 -1.11 0.00	36.21 -1.04 0.00	44.90 -0.95 0.00	85.40 -1.41 0.00	135.83 -2.04 0.00	43.29 -0.94 0.00	32.35 -1.26 0.00	31.07 -1.33 0.00	28.27 -1.58 0.00	27.26 -1.62 0.00	20.91 -1.45 -0.08	28.39 -1.90 0.00	25.09 -1.71 0.00	28.23 -1.63 0.00	35.17 -0.85 0.00	45.71 -0.69 0.00	69.99 -2.10 0.00	69.67 -2.31 0.00	44.28 -1.71 0.00	33.23 -1.48 0.00	30.41 -1.48 0.00
DANSKAMMER___1 23586	46.67 1.46 0.00	43.18 1.40 0.00	43.63 1.40 0.00	40.31 1.31 0.00	38.61 1.36 0.00	47.97 2.13 0.00	90.79 3.99 0.00	145.16 7.30 0.00	46.42 2.18 0.00	35.25 1.64 0.00	33.77 1.37 0.00	30.96 1.11 0.00	29.94 1.06 0.00	23.24 0.95 0.00	31.65 1.36 0.00	28.14 1.34 0.00	31.41 1.56 0.00	38.02 2.00 0.00	48.86 2.46 0.00	75.96 3.87 0.00	75.91 3.93 0.00	48.49 2.49 0.00	36.50 1.78 0.00	33.35 1.46 0.00
DANSKAMMER___2 23589	46.67 1.46 0.00	43.18 1.40 0.00	43.63 1.40 0.00	40.31 1.31 0.00	38.61 1.36 0.00	47.97 2.13 0.00	90.79 3.99 0.00	145.16 7.30 0.00	46.42 2.18 0.00	35.25 1.64 0.00	33.77 1.37 0.00	30.96 1.11 0.00	29.94 1.06 0.00	23.24 0.95 0.00	31.65 1.36 0.00	28.14 1.34 0.00	31.41 1.56 0.00	38.02 2.00 0.00	48.86 2.46 0.00	75.96 3.87 0.00	75.91 3.93 0.00	48.49 2.49 0.00	36.50 1.78 0.00	33.35 1.46 0.00
DANSKAMMER___3 23590	46.67 1.46 0.00	43.18 1.40 0.00	43.63 1.40 0.00	40.31 1.31 0.00	38.61 1.36 0.00	47.97 2.13 0.00	90.79 3.99 0.00	145.16 7.30 0.00	46.42 2.18 0.00	35.25 1.64 0.00	33.77 1.37 0.00	30.96 1.11 0.00	29.94 1.06 0.00	23.24 0.95 0.00	31.65 1.36 0.00	28.14 1.34 0.00	31.41 1.56 0.00	38.02 2.00 0.00	48.86 2.46 0.00	75.96 3.87 0.00	75.91 3.93 0.00	48.49 2.49 0.00	36.50 1.78 0.00	33.35 1.46 0.00

DANSKAMMER___4 23591	46.67 1.46 0.00	43.18 1.40 0.00	43.63 1.40 0.00	40.31 1.31 0.00	38.61 1.36 0.00	47.97 2.13 0.00	90.79 3.99 0.00	145.16 7.30 0.00	46.42 2.18 0.00	35.25 1.64 0.00	33.77 1.37 0.00	30.96 1.11 0.00	29.94 1.06 0.00	23.24 0.95 0.00	31.65 1.36 0.00	28.14 1.34 0.00	31.41 1.56 0.00	38.02 2.00 0.00	48.86 2.46 0.00	75.96 3.87 0.00	75.91 3.93 0.00	48.49 2.49 0.00	36.50 1.78 0.00	33.35 1.46 0.00
DANSKAMMER___DIESEL 23592	46.68 1.46 0.00	43.19 1.40 0.00	43.63 1.40 0.00	40.31 1.31 0.00	38.61 1.36 0.00	47.98 2.14 0.00	90.79 3.99 0.00	145.17 7.30 0.00	46.42 2.18 0.00	35.25 1.64 0.00	33.77 1.37 0.00	30.96 1.11 0.00	29.95 1.07 0.00	23.24 0.95 0.00	31.65 1.36 0.00	28.14 1.35 0.00	31.42 1.56 0.00	38.02 2.00 0.00	48.87 2.47 0.00	75.97 3.88 0.00	75.93 3.94 0.00	48.51 2.51 0.00	36.50 1.78 0.00	33.35 1.46 0.00
DARBY___SOLAR 323810	46.66 1.44 0.00	43.09 1.31 0.00	43.68 1.44 0.00	40.40 1.40 0.00	38.73 1.48 0.00	48.18 2.34 0.00	90.53 3.73 0.00	144.07 6.20 0.00	46.06 1.83 0.00	34.68 1.07 0.00	32.99 0.59 0.00	30.22 0.37 0.00	29.17 0.29 0.00	22.63 0.34 0.00	30.90 0.61 0.00	27.38 0.58 0.00	30.76 0.90 0.00	37.31 1.30 0.00	48.03 1.63 0.00	74.83 2.74 0.00	74.88 2.89 0.00	47.76 1.77 0.00	36.09 1.38 0.00	33.14 1.25 0.00
DASHVILLE___HYD 23610	46.37 1.14 0.00	42.92 1.13 0.00	43.35 1.11 0.00	40.05 1.05 0.00	38.36 1.11 0.00	47.63 1.79 0.00	90.03 3.22 0.00	143.95 6.09 0.00	46.11 1.88 0.00	35.06 1.45 0.00	33.61 1.21 0.00	30.83 0.98 0.00	29.84 0.96 0.00	23.16 0.88 0.00	31.53 1.23 0.00	28.01 1.21 0.00	31.21 1.35 0.00	37.71 1.69 0.00	48.50 2.10 0.00	75.34 3.26 0.00	75.34 3.36 0.00	48.15 2.16 0.00	36.25 1.53 0.00	33.15 1.26 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	46.35 1.13 0.00	43.42 1.64 0.00	43.51 1.28 0.00	40.01 1.01 0.00	38.81 1.55 0.00	48.20 2.35 0.00	90.61 3.80 0.00	145.35 7.93 0.45	46.06 1.82 0.00	34.75 1.14 0.00	33.66 1.27 0.00	30.21 0.36 0.00	29.37 0.49 0.00	22.32 0.03 0.01	30.81 0.52 0.00	27.80 1.00 0.00	31.13 1.27 0.00	37.69 1.67 0.00	48.88 2.48 0.00	76.74 4.65 0.00	76.50 4.52 0.00	48.99 3.00 0.00	36.90 2.19 0.00	33.57 1.68 0.00
DELAWARE___LFGE 323621	45.84 0.62 0.00	42.39 0.61 0.00	42.84 0.61 0.00	39.58 0.59 0.00	37.88 0.63 0.00	46.98 1.13 0.00	88.63 1.83 0.00	140.96 3.09 0.00	45.06 0.83 0.00	34.29 0.68 0.00	33.04 0.64 0.00	30.39 0.55 0.00	29.46 0.58 0.00	22.78 0.49 0.00	30.94 0.64 0.00	27.37 0.57 0.00	30.52 0.66 0.00	36.80 0.78 0.00	47.28 0.88 0.00	73.35 1.26 0.00	73.26 1.28 0.00	46.77 0.78 0.00	35.23 0.52 0.00	32.28 0.39 0.00
DERFIELD_115KV_TB7 355931	45.13 -0.09 0.00	41.70 -0.08 0.00	42.17 -0.06 0.00	38.96 -0.04 0.00	37.25 0.00 0.00	46.02 0.17 0.00	87.00 0.19 0.00	138.41 0.54 0.00	44.35 0.11 0.00	33.65 0.04 0.00	32.35 -0.04 0.00	29.65 -0.20 0.00	28.67 -0.21 0.00	22.21 -0.08 0.00	30.22 -0.07 0.00	26.74 -0.05 0.00	29.82 -0.03 0.00	36.04 0.03 0.00	46.43 0.03 0.00	72.00 -0.09 0.00	71.94 -0.05 0.00	45.94 -0.05 0.00	34.66 -0.06 0.00	31.78 -0.11 0.00
DOGLEVILLE___HYD 23807	44.80 -0.42 0.00	41.36 -0.43 0.00	41.87 -0.36 0.00	38.74 -0.26 0.00	37.16 -0.09 0.00	46.34 0.49 0.00	87.57 0.76 0.00	140.03 2.16 0.00	44.07 -0.17 0.00	32.44 -1.17 0.00	30.71 -1.69 0.00	28.13 -1.72 0.00	27.18 -1.70 0.00	21.15 -1.14 0.00	28.87 -1.42 0.00	25.65 -1.15 0.00	28.58 -1.28 0.00	35.42 -0.60 0.00	46.30 -0.10 0.00	72.31 0.22 0.00	72.04 0.06 0.00	45.92 -0.07 0.00	34.60 -0.11 0.00	31.64 -0.25 0.00
DUNKIRK___115KV_TB_200 55889	42.79 -2.43 0.00	39.27 -2.51 0.00	39.30 -2.94 0.00	36.10 -2.90 0.00	34.49 -2.76 0.00	43.74 -2.11 0.00	82.23 -4.58 0.00	123.37 -8.76 5.73	37.90 -2.99 3.35	28.05 -1.90 3.66	28.53 -1.74 2.13	25.14 -1.48 3.23	23.99 -1.52 3.37	17.76 -1.57 2.96	24.76 -2.31 3.23	21.67 -2.10 3.03	24.37 -2.28 3.22	29.41 -2.79 3.82	38.14 -3.86 4.40	61.41 -4.70 5.98	61.50 -4.66 5.82	38.40 -3.57 4.03	29.00 -2.86 2.86	29.27 -2.52 0.10
DUNKIRK___1 23563	42.79 -2.43 0.00	39.27 -2.51 0.00	39.30 -2.94 0.00	36.10 -2.90 0.00	34.49 -2.76 0.00	43.74 -2.11 0.00	82.23 -4.58 0.00	123.37 -8.76 5.73	37.90 -2.99 3.35	28.05 -1.90 3.66	28.53 -1.74 2.13	25.14 -1.48 3.23	23.99 -1.52 3.37	17.76 -1.57 2.96	24.76 -2.31 3.23	21.67 -2.10 3.03	24.37 -2.28 3.22	29.41 -2.79 3.82	38.14 -3.86 4.40	61.41 -4.70 5.98	61.50 -4.66 5.82	38.40 -3.57 4.03	29.00 -2.86 2.86	29.27 -2.52 0.10
DUNKIRK___2 23564	42.79 -2.43 0.00	39.27 -2.51 0.00	39.30 -2.94 0.00	36.10 -2.90 0.00	34.49 -2.76 0.00	43.74 -2.11 0.00	82.23 -4.58 0.00	123.37 -8.76 5.73	37.90 -2.99 3.35	28.05 -1.90 3.66	28.53 -1.74 2.13	25.14 -1.48 3.23	23.99 -1.52 3.37	17.76 -1.57 2.96	24.76 -2.31 3.23	21.67 -2.10 3.03	24.37 -2.28 3.22	29.41 -2.79 3.82	38.14 -3.86 4.40	61.41 -4.70 5.98	61.50 -4.66 5.82	38.40 -3.57 4.03	29.00 -2.86 2.86	29.27 -2.52 0.10
DUNKIRK___3 23565	42.89 -2.33 0.00	39.39 -2.39 0.00	39.44 -2.79 0.00	36.25 -2.75 0.00	34.64 -2.62 0.00	43.86 -1.98 0.00	82.29 -4.52 0.00	122.90 -8.67 6.30	37.63 -2.92 3.69	27.70 -1.89 4.02	28.28 -1.77 2.34	24.78 -1.51 3.55	23.61 -1.57 3.71	17.50 -1.54 3.26	24.52 -2.24 3.53	21.42 -2.06 3.32	24.14 -2.20 3.51	29.12 -2.73 4.17	37.78 -3.80 4.81	60.74 -4.81 6.53	60.79 -4.84 6.35	38.08 -3.52 4.39	28.82 -2.78 3.12	29.36 -2.43 0.11
DUNKIRK___4 23566	42.89 -2.33 0.00	39.39 -2.39 0.00	39.44 -2.79 0.00	36.25 -2.75 0.00	34.64 -2.62 0.00	43.86 -1.98 0.00	82.29 -4.52 0.00	122.90 -8.67 6.30	37.63 -2.92 3.69	27.70 -1.89 4.02	28.28 -1.77 2.34	24.78 -1.51 3.55	23.61 -1.57 3.71	17.50 -1.54 3.26	24.52 -2.24 3.53	21.42 -2.06 3.32	24.14 -2.20 3.51	29.12 -2.73 4.17	37.78 -3.80 4.81	60.74 -4.81 6.53	60.79 -4.84 6.35	38.08 -3.52 4.39	28.82 -2.78 3.12	29.36 -2.43 0.11
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	46.48 1.26 0.00	43.04 1.26 0.00	43.45 1.22 0.00	40.11 1.12 0.00	38.43 1.18 0.00	47.75 1.90 0.00	90.35 3.54 0.00	144.68 6.81 0.00	46.33 2.09 0.00	35.28 1.67 0.00	33.85 1.45 0.00	31.05 1.21 0.00	30.04 1.16 0.00	23.32 1.03 0.00	31.74 1.45 0.00	28.24 1.44 0.00	31.47 1.61 0.00	37.96 1.95 0.00	48.75 2.35 0.00	75.67 3.58 0.00	75.66 3.67 0.00	48.37 2.38 0.00	36.43 1.72 0.00	33.28 1.39 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	46.24 1.02 0.00	42.80 1.02 0.00	43.25 1.01 0.00	39.94 0.94 0.00	38.25 1.00 0.00	47.50 1.65 0.00	89.85 3.05 0.00	143.75 5.88 0.00	45.96 1.72 0.00	34.93 1.32 0.00	33.47 1.08 0.00	30.70 0.85 0.00	29.69 0.81 0.00	23.04 0.76 0.00	31.37 1.08 0.00	27.90 1.10 0.00	31.11 1.26 0.00	37.65 1.63 0.00	48.39 1.99 0.00	75.18 3.09 0.00	75.17 3.19 0.00	48.04 2.05 0.00	36.16 1.44 0.00	33.04 1.15 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	46.61 1.39 0.00	43.17 1.39 0.00	43.61 1.37 0.00	40.27 1.27 0.00	38.60 1.34 0.00	47.92 2.07 0.00	90.55 3.74 0.00	145.12 7.25 0.00	46.50 2.26 0.00	35.41 1.79 -0.01	33.98 1.58 -0.01	31.15 1.31 0.01	30.14 1.27 0.01	23.43 1.14 0.00	31.88 1.58 -0.01	28.35 1.55 -0.01	31.56 1.70 0.00	38.05 2.04 0.00	48.83 2.43 0.00	75.75 3.65 0.00	75.79 3.80 0.00	48.46 2.46 -0.01	36.51 1.79 0.00	33.31 1.41 -0.01
E179THST_13_KV_LOAD 356214	46.78 1.56 0.00	43.31 1.53 0.00	43.75 1.52 0.00	40.40 1.41 0.00	38.72 1.46 0.00	48.10 2.25 0.00	90.89 4.08 0.00	145.74 7.87 0.00	46.69 2.45 0.00	35.56 1.94 -0.01	34.12 1.72 -0.01	31.28 1.44 0.01	30.26 1.39 0.01	23.52 1.23 0.00	32.01 1.71 -0.01	28.46 1.66 -0.01	31.69 1.83 0.00	38.22 2.19 0.00	49.04 2.65 0.00	76.08 3.99 0.00	76.11 4.12 0.00	48.67 2.67 -0.01	36.66 1.94 0.00	33.44 1.54 -0.01
EAST HAMPTON___GT 23717	46.09 0.87 0.00	43.27 1.49 0.00	43.40 1.17 0.00	39.84 0.83 0.00	38.64 1.39 0.00	47.98 2.14 0.00	90.60 3.80 0.00	144.79 7.37 0.45	45.92 1.68 0.00	34.54 0.93 0.00	33.48 1.09 0.00	29.83 -0.01 0.00	29.17 0.28 0.00	22.15 -0.13 0.01	30.76 0.47 0.00	27.74 0.95 0.00	31.02 1.16 0.00	37.58 1.56 0.00	48.97 2.57 0.00	76.86 4.77 0.00	76.38 4.40 0.00	48.88 2.89 0.00	36.87 2.15 0.00	33.65 1.76 0.00
EAST RIVER___6 23660	46.70 1.48 0.00	43.22 1.44 0.00	43.63 1.40 0.00	40.29 1.30 0.00	38.60 1.35 0.00	48.00 2.16 0.00	90.77 3.96 0.00	145.41 7.54 0.00	46.60 2.36 0.00	35.52 1.91 0.00	34.08 1.69 0.00	31.26 1.42 0.00	30.25 1.37 0.00	23.50 1.21 0.00	31.96 1.67 0.00	28.42 1.62 0.00	31.65 1.79 0.00	38.15 2.13 0.00	48.97 2.57 0.00	75.96 3.87 0.00	75.91 3.93 0.00	48.54 2.55 0.00	36.56 1.85 0.00	33.39 1.50 0.00
EAST RIVER___7 23524	46.70 1.48 0.00	43.22 1.44 0.00	43.63 1.40 0.00	40.29 1.30 0.00	38.60 1.35 0.00	48.00 2.16 0.00	90.77 3.96 0.00	145.41 7.54 0.00	46.60 2.36 0.00	35.52 1.91 0.00	34.08 1.69 0.00	31.26 1.42 0.00	30.25 1.37 0.00	23.50 1.21 0.00	31.96 1.67 0.00	28.42 1.62 0.00	31.65 1.79 0.00	38.15 2.13 0.00	48.97 2.57 0.00	75.96 3.87 0.00	75.91 3.93 0.00	48.54 2.55 0.00	36.56 1.85 0.00	33.39 1.50 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	46.41 1.19 0.00	42.96 1.18 0.00	43.39 1.15 0.00	40.06 1.06 0.00	38.37 1.12 0.00	47.68 1.84 0.00	90.17 3.36 0.00	144.37 6.50 0.00	46.21 1.98 0.00	35.19 1.57 0.00	33.76 1.36 0.00	30.96 1.11 0.00	29.95 1.07 0.00	23.25 0.97 0.00	31.66 1.37 0.00	28.16 1.36 0.00	31.38 1.52 0.00	37.87 1.85 0.00	48.63 2.23 0.00	75.50 3.42 0.00	75.48 3.50 0.00	48.26 2.27 0.00	36.34 1.63 0.00	33.20 1.31 0.00
EAST_HAMPTON___DIESEL 23722	46.01 0.79 0.00	43.22 1.44 0.00	43.35 1.12 0.00	39.78 0.78 0.00	38.58 1.33 0.00	47.90 2.06 0.00	90.48 3.67 0.00	144.60 7.18 0.45	45.85 1.62 0.00	34.48 0.86 0.00	33.44 1.04 0.00	29.76 -0.08 0.00	29.12 0.24 0.00	22.12 -0.16 0.01	30.73 0.44 0.00	27.72 0.92 0.00	30.98 1.12 0.00	37.52 1.51 0.00	48.93 2.53 0.00	76.78 4.70 0.00	76.29 4.31 0.00	48.81 2.82 0.00	36.83 2.11 0.00	33.63 1.74 0.00
EAST_POINT___SOLAR 323840	47.72 2.50 0.00	44.08 2.30 0.00	44.49 2.26 0.00	41.11 2.11 0.00	39.35 2.10 0.00	48.84 2.99 0.00	92.84 6.03 0.00	146.42 8.55 0.00	45.69 1.45 0.00	33.69 0.08 0.00	32.51 0.11 0.00	29.77 -0.08 0.00	28.82 -0.06 0.00	22.31 0.03 0.00	30.30 0.00 0.00	26.79 -0.01 0.00	29.87 0.01 0.00	36.94 0.93 0.00	48.63 2.22 0.00	75.96 3.88 0.00	76.28 4.30 0.00	48.40 2.40 0.00	36.32 1.61 0.00	33.26 1.37 0.00
EAST_PULASKI___ESR 323781	43.99 -1.23 0.00	40.57 -1.22 0.00	40.93 -1.30 0.00	37.83 -1.17 0.00	36.20 -1.05 0.00	44.88 -0.96 0.00	84.94 -1.87 0.00	134.96 -2.91 0.00	43.11 -1.13 0.00	32.50 -1.11 0.00	31.29 -1.11 0.00	28.67 -1.17 0.00	27.69 -1.19 0.00	21.32 -1.01 -0.05	28.93 -1.36 0.00	25.58 -1.22 0.00	28.68 -1.18 0.00	35.05 -0.97 0.00	45.24 -1.17 0.00	69.87 -2.22 0.00	69.65 -2.33 0.00	44.40 -1.59 0.00	33.45 -1.27 0.00	30.68 -1.21 0.00
EAST_RIVER___1 323558	46.63 1.41 0.00	43.17 1.38 0.00	43.58 1.35 0.00	40.25 1.25 0.00	38.56 1.31 0.00	47.94 2.09 0.00	90.68 3.88 0.00	145.30 7.43 0.00	46.55 2.31 0.00	35.47 1.86 0.00	34.03 1.63 0.00	31.21 1.36 0.00	30.20 1.32 0.00	23.47 1.18 0.00	31.91 1.62 0.00	28.37 1.58 0.00	31.59 1.73 0.00	38.09 2.07 0.00	48.90 2.50 0.00	75.87 3.78 0.00	75.83 3.85 0.00	48.47 2.48 0.00	36.52 1.80 0.00	33.35 1.46 0.00
EAST_RIVER___2 323559	46.70 1.48 0.00	43.22 1.44 0.00	43.63 1.40 0.00	40.29 1.30 0.00	38.60 1.35 0.00	48.00 2.16 0.00	90.77 3.96 0.00	145.41 7.54 0.00	46.60 2.36 0.00	35.52 1.91 0.00	34.08 1.69 0.00	31.26 1.42 0.00	30.25 1.37 0.00	23.50 1.21 0.00	31.96 1.67 0.00	28.42 1.62 0.00	31.65 1.79 0.00	38.15 2.13 0.00	48.97 2.57 0.00	75.96 3.87 0.00	75.91 3.93 0.00	48.54 2.55 0.00	36.56 1.85 0.00	33.39 1.50 0.00
EAST___DELAWARE_HYD 23607	46.32 1.10 0.00	43.17 1.38 0.00	43.63 1.39 0.00	40.32 1.32 0.00	38.63 1.37 0.00	48.00 2.16 0.00	90.91 4.10 0.00	145.15 7.29 0.00	46.34 2.11 0.00	35.13 1.52 0.00	33.66 1.26 0.00	30.81 0.96 0.00	29.88 1.00 0.00	23.16 0.87 0.00	31.52 1.22 0.00	27.99 1.19 0.00	31.31 1.45 0.00	38.07 2.06 0.00	49.00 2.60 0.00	76.11 4.03 0.00	76.02 4.04 0.00	48.53 2.54 0.00	36.50 1.79 0.00	33.36 1.47 0.00
EIGHT_POINT___WT_PWR 323820	41.42 -3.80 0.00	38.37 -3.42 0.00	38.22 -4.01 0.00	35.17 -3.83 0.00	33.61 -3.64 0.00	42.16 -3.69 0.00	79.89 -6.92 0.00	165.62 -12.86 -40.62	63.32 -4.65 -23.74	56.21 -3.29 -25.88	44.73 -2.78 -15.10	49.93 -2.82 -22.90	49.32 -3.45 -23.89	40.40 -2.87 -20.99	50.62 -3.94 -24.27	46.16 -3.44 -22.81	50.48 -3.56 -24.18	60.65 -4.08 -28.71	73.99 -5.52 -33.11	109.20 -8.19 -45.30	107.86 -8.22 -44.10	71.28 -5.24 -30.52	52.48 -3.90 -21.66	29.12 -3.53 -0.76
ELBRIDGE_115KV_TB2 80188	44.23 -0.98 0.00	40.90 -0.89 0.00	41.21 -1.02 0.00	38.08 -0.92 0.00	36.46 -0.79 0.00	45.23 -0.62 0.00	85.36 -1.45 0.00	135.48 -2.39 0.00	43.25 -0.98 0.00	32.86 -0.75 0.00	31.73 -0.66 0.00	29.21 -0.64 0.00	28.23 -0.64 0.00	21.79 -0.50 0.00	29.59 -0.70 0.00	26.15 -0.65 0.00	29.24 -0.62 0.00	35.23 -0.79 0.00	45.24 -1.16 0.00	70.32 -1.77 0.00	70.15 -1.84 0.00	44.76 -1.23 0.00	33.81 -0.91 0.00	31.09 -0.80 0.00
ELEC_TRO_TEK 24086	46.70 1.48 0.00	43.32 1.53 0.00	43.68 1.45 0.00	40.28 1.28 0.00	38.66 1.41 0.00	47.94 2.09 0.00	90.24 3.44 0.00	144.57 6.71 0.01	46.27 2.04 0.00	35.26 1.65 0.00	33.96 1.56 0.00	31.05 1.20 0.00	30.00 1.12 0.00	23.20 0.92 0.00	31.68 1.39 0.00	28.26 1.46 0.00	31.57 1.71 0.00	38.07 2.06 0.00	48.89 2.49 0.00	76.16 4.07 0.00	76.10 4.12 0.00	48.64 2.65 0.00	36.62 1.91 0.00	33.42 1.54 0.00

ELLENBURG_WT_PWR 323604	46.82 1.60 0.00	43.16 1.38 0.00	43.71 1.48 0.00	40.22 1.22 0.00	38.15 0.90 0.00	46.20 0.35 0.00	87.94 1.14 0.00	138.80 0.93 0.00	44.46 0.22 0.00	33.69 0.08 0.00	32.75 0.35 0.00	30.11 0.27 0.00	28.85 -0.04 0.00	19.32 -0.50 2.47	29.75 -0.55 0.00	26.37 -0.43 0.00	29.23 -0.62 0.00	35.63 -0.39 0.00	46.54 0.14 0.00	72.94 0.85 0.00	72.86 0.88 0.00	45.93 -0.06 0.00	34.33 -0.38 0.00	31.45 -0.44 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	42.87 -2.35 0.00	39.46 -2.33 0.00	39.58 -2.65 0.00	36.41 -2.59 0.00	34.89 -2.37 0.00	44.03 -1.82 0.00	81.92 -4.88 0.00	119.80 -9.11 8.96	36.21 -2.79 5.24	25.98 -1.92 5.72	27.00 -2.06 3.33	23.01 -1.79 5.05	21.82 -1.79 5.27	16.10 -1.55 4.63	23.11 -2.31 4.87	19.96 -2.27 4.57	22.76 -2.25 4.85	27.36 -2.91 5.76	35.78 -3.98 6.64	57.50 -5.53 9.05	57.44 -5.73 8.81	36.30 -3.59 6.10	27.70 -2.68 4.33	29.45 -2.29 0.15
EMPIRE_CC_1 323656	45.55 0.33 0.00	42.17 0.38 0.00	42.78 0.55 0.00	39.62 0.63 0.00	37.96 0.71 0.00	47.04 1.19 0.00	87.85 1.04 0.00	140.02 2.15 0.00	44.99 0.75 0.00	34.28 0.67 0.00	32.79 0.39 0.00	30.14 0.29 0.00	29.14 0.26 0.00	22.64 0.35 0.00	30.84 0.54 0.00	27.35 0.55 0.00	30.54 0.68 0.00	36.73 0.71 0.00	47.10 0.70 0.00	73.05 0.96 0.00	73.09 1.11 0.00	46.78 0.79 0.00	35.53 0.81 0.00	32.60 0.71 0.00
EMPIRE_CC_2 323658	45.55 0.33 0.00	42.17 0.38 0.00	42.78 0.55 0.00	39.62 0.63 0.00	37.96 0.71 0.00	47.04 1.19 0.00	87.85 1.04 0.00	140.02 2.15 0.00	44.99 0.75 0.00	34.28 0.67 0.00	32.79 0.39 0.00	30.14 0.29 0.00	29.14 0.26 0.00	22.64 0.35 0.00	30.84 0.54 0.00	27.35 0.55 0.00	30.54 0.68 0.00	36.73 0.71 0.00	47.10 0.70 0.00	73.05 0.96 0.00	73.09 1.11 0.00	46.78 0.79 0.00	35.53 0.81 0.00	32.60 0.71 0.00
ENORWICH_115KV_TB1 80156	46.56 1.34 0.00	43.05 1.27 0.00	43.71 1.48 0.00	40.45 1.46 0.00	38.84 1.59 0.00	48.59 2.74 0.00	92.17 5.36 0.00	148.87 8.68 -2.32	47.27 1.68 -1.36	35.65 0.56 -1.48	33.85 0.59 -0.86	31.30 0.14 -1.31	30.17 -0.08 -1.37	23.28 -0.20 -1.20	31.06 -0.55 -1.32	27.56 -0.47 -1.24	31.32 0.15 -1.31	38.33 0.75 -1.56	49.42 1.22 -1.79	76.39 1.85 -2.45	75.75 1.39 -2.39	48.30 0.66 -1.65	36.12 0.24 -1.17	31.99 0.06 -0.04
ERIE_ST_34_KV_TB1-2 80199	43.42 -1.80 0.00	39.96 -1.82 0.00	40.06 -2.17 0.00	36.84 -2.16 0.00	35.32 -1.93 0.00	44.65 -1.20 0.00	83.16 -3.64 0.00	122.05 -7.10 8.71	37.01 -2.13 5.10	26.62 -1.43 5.56	27.57 -1.59 3.24	23.52 -1.42 4.91	22.28 -1.48 5.13	16.47 -1.31 4.50	24.35 -1.86 4.09	21.13 -1.83 3.84	24.00 -1.78 4.07	28.86 -2.32 4.84	37.59 -3.24 5.58	60.10 -4.37 7.61	60.02 -4.54 7.41	38.01 -2.86 5.13	28.91 -2.16 3.64	29.98 -1.79 0.13
ERIE_WT_PWR 323693	43.12 -2.10 0.00	39.72 -2.07 0.00	39.80 -2.43 0.00	36.60 -2.40 0.00	35.06 -2.20 0.00	44.34 -1.51 0.00	82.51 -4.29 0.00	121.25 -8.09 8.53	36.82 -2.43 4.99	26.52 -1.65 5.44	27.43 -1.79 3.17	23.44 -1.59 4.81	22.23 -1.63 5.02	16.45 -1.43 4.41	23.77 -2.14 4.39	20.60 -2.08 4.12	23.48 -2.01 4.37	28.25 -2.58 5.18	36.80 -3.62 5.98	58.95 -4.97 8.16	58.92 -5.11 7.95	37.29 -3.20 5.50	28.38 -2.43 3.90	29.64 -2.11 0.14
ESPRGFLD_115KV_TB1 80157	46.78 1.56 0.00	43.24 1.45 0.00	43.64 1.40 0.00	40.30 1.30 0.00	38.56 1.31 0.00	47.76 1.91 0.00	90.70 3.89 0.00	143.31 5.44 0.00	45.66 1.42 0.00	34.63 1.02 0.00	33.58 1.18 0.00	30.93 1.09 0.00	29.97 1.09 0.00	23.11 0.82 0.00	31.31 1.02 0.00	27.62 0.82 0.00	30.79 0.93 0.00	37.12 1.10 0.00	47.74 1.34 0.00	74.18 2.09 0.00	74.38 2.40 0.00	47.24 1.25 0.00	35.48 0.76 0.00	32.52 0.62 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	45.15 -0.07 0.00	41.70 -0.08 0.00	42.04 -0.19 0.00	38.82 -0.18 0.00	37.18 -0.08 0.00	46.25 0.40 0.00	87.50 0.69 0.00	142.48 0.99 -3.63	46.27 -0.08 -2.12	35.63 -0.29 -2.31	33.42 -0.33 -1.35	31.51 -0.38 -2.05	30.57 -0.45 -2.14	23.78 -0.39 -1.88	31.92 -0.49 -2.12	28.34 -0.45 -2.00	31.76 -0.21 -2.11	38.43 -0.10 -2.51	49.13 -0.17 -2.89	75.91 -0.13 -3.95	75.56 -0.26 -3.84	48.40 -0.25 -2.66	36.32 -0.29 -1.89	31.65 -0.31 -0.07
ETNA____115KV_TB2 80207	45.15 -0.07 0.00	41.70 -0.08 0.00	42.04 -0.19 0.00	38.82 -0.18 0.00	37.18 -0.08 0.00	46.25 0.40 0.00	87.50 0.69 0.00	142.48 0.99 -3.63	46.27 -0.08 -2.12	35.63 -0.29 -2.31	33.42 -0.33 -1.35	31.51 -0.38 -2.05	30.57 -0.45 -2.14	23.78 -0.39 -1.88	31.92 -0.49 -2.12	28.34 -0.45 -2.00	31.76 -0.21 -2.11	38.43 -0.10 -2.51	49.13 -0.17 -2.89	75.91 -0.13 -3.95	75.56 -0.26 -3.84	48.40 -0.25 -2.66	36.32 -0.29 -1.89	31.65 -0.31 -0.07
EUCLID____115KV_TB2 356179	44.03 -1.19 0.00	40.65 -1.13 0.00	41.01 -1.22 0.00	37.86 -1.14 0.00	36.24 -1.01 0.00	44.94 -0.91 0.00	84.73 -2.08 0.00	134.52 -3.34 0.00	43.07 -1.17 0.00	32.72 -0.89 0.00	31.59 -0.80 0.00	29.08 -0.77 0.00	28.12 -0.76 0.00	21.70 -0.59 0.00	29.47 -0.83 0.00	26.04 -0.75 0.00	29.07 -0.79 0.00	35.01 -1.01 0.00	44.97 -1.44 0.00	69.85 -2.24 0.00	69.67 -2.31 0.00	44.52 -1.48 0.00	33.61 -1.10 0.00	30.90 -0.99 0.00
E_CANADA_CAP_HY 24051	47.21 1.99 0.00	43.64 1.85 0.00	44.04 1.81 0.00	40.67 1.67 0.00	38.90 1.64 0.00	48.14 2.30 0.00	91.49 4.68 0.00	144.18 6.32 0.00	45.77 1.53 0.00	34.45 0.84 0.00	33.35 0.95 0.00	30.62 0.78 0.00	29.64 0.76 0.00	22.87 0.58 0.00	31.03 0.73 0.00	27.37 0.57 0.00	30.57 0.71 0.00	37.03 1.02 0.00	47.97 1.57 0.00	74.70 2.60 0.00	75.10 3.12 0.00	47.61 1.62 0.00	35.77 1.05 0.00	32.79 0.90 0.00
E_CANADA_MHWK_HY 24050	44.80 -0.42 0.00	41.36 -0.43 0.00	41.87 -0.36 0.00	38.74 -0.26 0.00	37.16 -0.09 0.00	46.34 0.49 0.00	87.57 0.76 0.00	140.03 2.16 0.00	44.07 -0.17 0.00	32.44 -1.17 0.00	30.71 -1.69 0.00	28.13 -1.72 0.00	27.18 -1.70 0.00	21.15 -1.14 0.00	28.87 -1.42 0.00	25.65 -1.15 0.00	28.58 -1.28 0.00	35.42 -0.60 0.00	46.30 -0.10 0.00	72.31 0.22 0.00	72.04 0.06 0.00	45.92 -0.07 0.00	34.60 -0.11 0.00	31.64 -0.25 0.00
E_FISHKILL____LBMP 23776	46.17 0.95 0.00	42.74 0.95 0.00	43.20 0.96 0.00	39.90 0.90 0.00	38.21 0.96 0.00	47.44 1.60 0.00	89.62 2.82 0.00	143.29 5.43 0.00	45.89 1.66 0.00	34.93 1.32 0.00	33.50 1.10 0.00	30.74 0.89 0.00	29.75 0.87 0.00	23.10 0.81 0.00	31.46 1.17 0.00	27.96 1.16 0.00	31.16 1.30 0.00	37.61 1.59 0.00	48.30 1.90 0.00	75.00 2.91 0.00	74.98 3.00 0.00	47.93 1.94 0.00	36.12 1.40 0.00	33.04 1.14 0.00
FALCON____SEABRD_CC1 323796	47.72 2.50 0.00	43.99 2.21 0.00	44.59 2.36 0.00	40.97 1.97 0.00	38.85 1.60 0.00	46.98 1.13 0.00	89.12 2.32 0.00	139.84 1.97 0.00	44.72 0.48 0.00	33.96 0.34 0.00	33.12 0.73 0.00	30.36 0.51 0.00	29.07 0.19 0.00	19.29 -0.49 2.51	29.74 -0.55 0.00	26.29 -0.51 0.00	29.02 -0.84 0.00	35.57 -0.45 0.00	46.70 0.31 0.00	73.82 1.73 0.00	73.76 1.78 0.00	46.26 0.26 0.00	34.55 -0.17 0.00	31.53 -0.36 0.00

FALCON___SEABRD_CC2 323797	47.72 2.50 0.00	43.99 2.21 0.00	44.59 2.36 0.00	40.97 1.97 0.00	38.85 1.60 0.00	46.98 1.13 0.00	89.12 2.32 0.00	139.84 1.97 0.00	44.72 0.48 0.00	33.96 0.34 0.00	33.12 0.73 0.00	30.36 0.51 0.00	29.07 0.19 0.00	19.29 -0.49 2.51	29.74 -0.55 0.00	26.29 -0.51 0.00	29.02 -0.84 0.00	35.57 -0.45 0.00	46.70 0.31 0.00	73.82 1.73 0.00	73.76 1.78 0.00	46.26 0.26 0.00	34.55 -0.17 0.00	31.53 -0.36 0.00
FAR ROCKAWAY___4 23548	47.27 2.05 0.00	43.81 2.03 0.00	44.20 1.97 0.00	40.77 1.78 0.00	39.10 1.85 0.00	48.48 2.64 0.00	91.15 4.34 0.00	146.02 7.53 -0.62	46.62 2.39 0.00	35.66 2.05 0.00	34.34 1.95 0.00	31.38 1.53 0.00	30.33 1.45 0.00	23.46 1.17 0.00	32.04 1.75 0.00	28.57 1.77 0.00	31.94 2.08 0.00	38.52 2.50 0.00	49.49 3.09 0.00	77.11 5.02 0.00	77.05 5.07 0.00	49.23 3.24 0.00	37.03 2.32 0.00	33.81 1.92 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	46.58 1.36 0.00	43.13 1.35 0.00	43.55 1.31 0.00	40.21 1.21 0.00	38.52 1.27 0.00	47.90 2.06 0.00	90.60 3.79 0.00	145.17 7.30 0.00	46.49 2.26 0.00	35.42 1.81 0.00	33.99 1.59 0.00	31.17 1.33 0.00	30.17 1.29 0.00	23.44 1.15 0.00	31.88 1.59 0.00	28.34 1.55 0.00	31.56 1.70 0.00	38.05 2.03 0.00	48.85 2.46 0.00	75.78 3.69 0.00	75.77 3.79 0.00	48.44 2.44 0.00	36.50 1.78 0.00	33.32 1.43 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	46.66 1.44 0.00	43.19 1.41 0.00	43.61 1.38 0.00	40.28 1.27 0.00	38.59 1.33 0.00	47.97 2.13 0.00	90.75 3.94 0.00	145.42 7.55 0.00	46.57 2.34 0.00	35.48 1.87 0.00	34.04 1.64 0.00	31.22 1.38 0.00	30.21 1.33 0.00	23.48 1.19 0.00	31.92 1.62 0.00	28.38 1.59 0.00	31.62 1.76 0.00	38.11 2.09 0.00	48.93 2.53 0.00	75.88 3.79 0.00	75.88 3.90 0.00	48.52 2.52 0.00	36.55 1.83 0.00	33.37 1.47 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	46.62 1.40 0.00	43.16 1.38 0.00	43.57 1.34 0.00	40.24 1.24 0.00	38.55 1.30 0.00	47.93 2.09 0.00	90.66 3.86 0.00	145.28 7.41 0.00	46.53 2.29 0.00	35.45 1.84 0.00	34.02 1.62 0.00	31.20 1.36 0.00	30.19 1.31 0.00	23.45 1.17 0.00	31.90 1.61 0.00	28.37 1.57 0.00	31.59 1.73 0.00	38.08 2.07 0.00	48.90 2.50 0.00	75.82 3.73 0.00	75.81 3.83 0.00	48.47 2.47 0.00	36.51 1.80 0.00	33.34 1.44 0.00
FARRAGUT___LBMP 323566	46.58 1.36 0.00	43.13 1.35 0.00	43.55 1.31 0.00	40.21 1.21 0.00	38.52 1.27 0.00	47.90 2.06 0.00	90.60 3.79 0.00	145.17 7.30 0.00	46.49 2.26 0.00	35.42 1.81 0.00	33.99 1.59 0.00	31.17 1.33 0.00	30.17 1.29 0.00	23.44 1.15 0.00	31.88 1.59 0.00	28.34 1.55 0.00	31.56 1.70 0.00	38.05 2.03 0.00	48.85 2.46 0.00	75.78 3.69 0.00	75.77 3.79 0.00	48.44 2.44 0.00	36.50 1.78 0.00	33.32 1.43 0.00
FENNER___WINDPWR 24204	45.27 0.05 0.00	41.77 -0.01 0.00	42.14 -0.10 0.00	38.91 -0.09 0.00	37.23 -0.02 0.00	46.21 0.36 0.00	87.61 0.80 0.00	139.22 1.35 0.00	44.39 0.15 0.00	33.45 -0.16 0.00	32.22 -0.18 0.00	29.52 -0.33 0.00	28.53 -0.35 0.00	21.99 -0.30 0.00	29.91 -0.39 0.00	26.43 -0.37 0.00	29.71 -0.15 0.00	36.08 0.06 0.00	46.59 0.18 0.00	72.29 0.21 0.00	72.13 0.15 0.00	45.96 -0.03 0.00	34.59 -0.13 0.00	31.71 -0.18 0.00
FIBERTEK___ENERGY 23856	44.46 -0.76 0.00	41.07 -0.71 0.00	41.42 -0.82 0.00	38.25 -0.75 0.00	36.61 -0.64 0.00	45.42 -0.42 0.00	85.76 -1.05 0.00	136.15 -1.71 0.00	43.49 -0.74 0.00	33.02 -0.60 0.00	31.88 -0.51 0.00	29.35 -0.50 0.00	28.37 -0.51 0.00	21.89 -0.39 0.00	29.74 -0.56 0.00	26.28 -0.51 0.00	29.39 -0.47 0.00	35.42 -0.60 0.00	45.51 -0.89 0.00	70.70 -1.39 0.00	70.52 -1.46 0.00	45.02 -0.98 0.00	33.98 -0.74 0.00	31.23 -0.66 0.00
FITZPATRICK____ 23598	43.66 -1.56 0.00	40.33 -1.46 0.00	40.70 -1.53 0.00	37.58 -1.42 0.00	35.96 -1.29 0.00	44.47 -1.37 0.00	83.84 -2.96 0.00	133.12 -4.75 0.00	42.65 -1.58 0.00	32.44 -1.18 0.00	31.34 -1.06 0.00	28.85 -1.00 0.00	27.90 -0.98 0.00	21.54 -0.75 0.00	29.25 -1.05 0.00	25.84 -0.96 0.00	28.79 -1.07 0.00	34.63 -1.38 0.00	44.52 -1.88 0.00	69.14 -2.95 0.00	68.99 -2.99 0.00	44.09 -1.91 0.00	33.32 -1.40 0.00	30.65 -1.24 0.00
FLOWRFLD_69_KV_BK1 356044	46.69 1.47 0.00	43.48 1.69 0.00	43.69 1.46 0.00	40.22 1.22 0.00	38.82 1.57 0.00	48.15 2.31 0.00	90.50 3.69 0.00	145.05 7.62 0.45	46.14 1.91 0.00	35.02 1.41 0.00	33.80 1.40 0.00	30.80 0.96 0.00	29.75 0.86 0.00	22.84 0.56 0.01	31.32 1.02 0.00	28.03 1.24 0.00	31.40 1.54 0.00	37.94 1.93 0.00	48.82 2.43 0.00	76.43 4.34 0.00	76.45 4.47 0.00	49.05 3.05 0.00	36.90 2.19 0.00	33.56 1.67 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	46.76 1.55 0.00	43.26 1.48 0.00	43.72 1.48 0.00	40.38 1.38 0.00	38.68 1.42 0.00	48.07 2.23 0.00	90.98 4.18 0.00	145.44 7.58 0.00	46.50 2.27 0.00	35.32 1.71 0.00	33.83 1.44 0.00	31.02 1.17 0.00	30.00 1.12 0.00	23.28 0.99 0.00	31.71 1.42 0.00	28.19 1.39 0.00	31.48 1.63 0.00	38.11 2.09 0.00	48.98 2.58 0.00	76.11 4.03 0.00	76.07 4.09 0.00	48.60 2.60 0.00	36.57 1.85 0.00	33.41 1.52 0.00
FORT ORANGE____ 23900	46.11 0.89 0.00	42.64 0.85 0.00	43.17 0.94 0.00	39.93 0.93 0.00	38.25 1.00 0.00	47.52 1.68 0.00	89.30 2.49 0.00	142.33 4.47 0.00	45.45 1.22 0.00	34.33 0.72 0.00	32.84 0.44 0.00	30.19 0.34 0.00	29.21 0.33 0.00	22.69 0.40 0.00	30.88 0.58 0.00	27.38 0.58 0.00	30.57 0.71 0.00	36.88 0.86 0.00	47.49 1.09 0.00	73.85 1.76 0.00	73.79 1.81 0.00	47.12 1.13 0.00	35.61 0.89 0.00	32.64 0.74 0.00
FORT_DRUM_COGEN 23780	44.77 -0.45 0.00	41.17 -0.61 0.00	41.51 -0.72 0.00	38.50 -0.51 0.00	36.74 -0.51 0.00	45.56 -0.29 0.00	87.16 0.36 0.00	138.63 0.76 0.00	44.05 -0.19 0.00	32.57 -1.04 0.00	31.17 -1.23 0.00	28.17 -1.68 0.00	27.15 -1.73 0.00	20.80 -1.60 -0.11	28.23 -2.07 0.00	24.90 -1.90 0.00	28.14 -1.72 0.00	35.77 -0.25 0.00	46.76 0.36 0.00	71.25 -0.84 0.00	70.93 -1.05 0.00	44.90 -1.09 0.00	33.57 -1.15 0.00	30.64 -1.25 0.00
FOX_HILLS___ESR 323835	54.05 1.71 -7.12	53.18 1.71 -9.68	53.08 1.67 -9.18	52.81 1.52 -12.29	53.04 1.57 -14.22	55.51 2.36 -7.30	91.19 4.37 -0.01	147.41 8.37 -1.17	60.66 2.64 -13.79	54.33 2.05 -18.67	54.17 1.84 -19.93	53.65 1.53 -22.27	53.66 1.45 -23.33	52.76 1.26 -29.21	52.49 1.75 -20.45	53.55 1.72 -25.03	53.65 1.90 -21.89	57.79 2.26 -19.51	64.54 2.76 -15.38	90.61 4.09 -14.43	98.25 4.32 -21.95	80.82 2.90 -31.93	54.53 2.12 -17.69	53.61 1.71 -20.01
FPL FAR_ROCK_GT1 24212	47.27 2.05 0.00	43.81 2.03 0.00	44.20 1.97 0.00	40.77 1.77 0.00	39.10 1.85 0.00	48.48 2.63 0.00	91.15 4.34 0.00	145.98 7.50 -0.62	46.62 2.39 0.00	35.65 2.04 0.00	34.33 1.93 0.00	31.38 1.53 0.00	30.33 1.44 0.00	23.45 1.17 0.00	32.03 1.74 0.00	28.57 1.77 0.00	31.93 2.07 0.00	38.52 2.50 0.00	49.49 3.09 0.00	77.11 5.02 0.00	77.05 5.07 0.00	49.23 3.24 0.00	37.02 2.31 0.00	33.80 1.91 0.00



FPL FAR_ROCK_GT2 23815	47.27 2.05 0.00	43.81 2.03 0.00	44.20 1.97 0.00	40.77 1.77 0.00	39.10 1.85 0.00	48.48 2.63 0.00	91.15 4.34 0.00	145.98 7.50 -0.62	46.62 2.39 0.00	35.65 2.04 0.00	34.33 1.93 0.00	31.38 1.53 0.00	30.33 1.44 0.00	23.45 1.17 0.00	32.03 1.74 0.00	28.57 1.77 0.00	31.93 2.07 0.00	38.52 2.50 0.00	49.49 3.09 0.00	77.11 5.02 0.00	77.05 5.07 0.00	49.23 3.24 0.00	37.02 2.31 0.00	33.80 1.91 0.00
FRANKLIN_FALL_HYD 24054	47.01 1.79 0.00	43.31 1.53 0.00	43.85 1.62 0.00	40.38 1.39 0.00	38.34 1.09 0.00	46.42 0.58 0.00	88.73 1.92 0.00	140.27 2.40 0.00	44.91 0.68 0.00	33.93 0.32 0.00	32.92 0.52 0.00	30.25 0.40 0.00	28.98 0.09 0.00	23.59 -0.31 -1.62	29.90 -0.39 0.00	26.43 -0.36 0.00	29.40 -0.46 0.00	35.84 -0.18 0.00	46.94 0.54 0.00	73.46 1.37 0.00	73.36 1.38 0.00	46.38 0.39 0.00	34.69 -0.03 0.00	31.79 -0.10 0.00
FREEPORT_EQUUS_GT1 23764	46.83 1.61 0.00	43.44 1.66 0.00	43.80 1.57 0.00	40.37 1.37 0.00	38.76 1.51 0.00	48.00 2.15 0.00	90.18 3.37 0.00	144.42 6.62 0.07	46.28 2.05 0.00	35.30 1.69 0.00	34.02 1.62 0.00	31.06 1.21 0.00	29.99 1.11 0.00	23.18 0.89 0.00	31.67 1.38 0.00	28.27 1.47 0.00	31.61 1.75 0.00	38.15 2.13 0.00	49.01 2.60 0.00	76.49 4.39 0.00	76.44 4.46 0.00	48.85 2.86 0.00	36.76 2.05 0.00	33.56 1.67 0.00
FREEPORT___CT2 23818	46.83 1.61 0.00	43.44 1.66 0.00	43.80 1.57 0.00	40.37 1.37 0.00	38.76 1.51 0.00	48.00 2.15 0.00	90.18 3.37 0.00	144.42 6.62 0.07	46.28 2.05 0.00	35.30 1.69 0.00	34.02 1.62 0.00	31.06 1.21 0.00	29.99 1.11 0.00	23.18 0.89 0.00	31.67 1.38 0.00	28.27 1.47 0.00	31.61 1.75 0.00	38.15 2.13 0.00	49.01 2.60 0.00	76.49 4.39 0.00	76.44 4.46 0.00	48.85 2.86 0.00	36.76 2.05 0.00	33.56 1.67 0.00
FRESHKLS_33_KV_LOAD 356253	53.99 1.65 -7.12	53.15 1.69 -9.68	53.06 1.65 -9.18	52.75 1.47 -12.29	52.99 1.51 -14.22	55.41 2.26 -7.30	91.01 4.20 -0.01	147.23 8.19 -1.17	60.63 2.60 -13.79	54.25 1.97 -18.67	54.10 1.77 -19.93	53.58 1.46 -22.27	53.57 1.36 -23.33	52.68 1.19 -29.21	52.40 1.65 -20.45	53.47 1.64 -25.03	53.57 1.81 -21.89	57.71 2.18 -19.51	64.45 2.67 -15.38	90.46 3.94 -14.43	98.15 4.21 -21.95	80.80 2.88 -31.93	54.50 2.10 -17.69	53.59 1.68 -20.01
FULTON COGEN____ 23766	43.87 -1.35 0.00	40.50 -1.29 0.00	40.87 -1.36 0.00	37.73 -1.27 0.00	36.13 -1.13 0.00	44.77 -1.07 0.00	84.47 -2.34 0.00	134.13 -3.74 0.00	42.92 -1.32 0.00	32.57 -1.04 0.00	31.42 -0.98 0.00	28.93 -0.91 0.00	27.98 -0.90 0.00	21.59 -0.70 0.00	29.32 -0.97 0.00	25.91 -0.88 0.00	28.99 -0.87 0.00	34.93 -1.09 0.00	44.86 -1.54 0.00	69.64 -2.44 0.00	69.48 -2.51 0.00	44.40 -1.59 0.00	33.50 -1.22 0.00	30.81 -1.08 0.00
FULTON___LFGE 323630	47.32 2.10 0.00	43.71 1.93 0.00	44.16 1.92 0.00	40.79 1.79 0.00	39.04 1.79 0.00	48.44 2.60 0.00	91.90 5.09 0.00	145.23 7.36 0.00	45.76 1.53 0.00	34.04 0.43 0.00	32.68 0.28 0.00	29.95 0.10 0.00	28.94 0.06 0.00	22.41 0.13 0.00	30.45 0.16 0.00	26.88 0.08 0.00	30.06 0.20 0.00	36.89 0.87 0.00	48.36 1.95 0.00	75.48 3.39 0.00	75.71 3.73 0.00	48.07 2.08 0.00	36.14 1.43 0.00	33.12 1.23 0.00
G.F.CEMENT___DRP 24184	46.82 1.60 0.00	43.22 1.44 0.00	43.83 1.60 0.00	40.55 1.55 0.00	38.90 1.65 0.00	48.47 2.63 0.00	91.10 4.29 0.00	144.93 7.06 0.00	46.39 2.16 0.00	34.84 1.23 0.00	33.06 0.66 0.00	30.25 0.40 0.00	29.18 0.30 0.00	22.60 0.31 0.00	30.89 0.60 0.00	27.39 0.60 0.00	30.85 0.99 0.00	37.48 1.46 0.00	48.14 1.74 0.00	75.10 3.01 0.00	75.23 3.25 0.00	47.90 1.91 0.00	36.18 1.47 0.00	33.26 1.37 0.00
GARDENVILLE___LBMP 24039	42.98 -2.24 0.00	39.55 -2.23 0.00	39.66 -2.57 0.00	36.48 -2.52 0.00	34.95 -2.31 0.00	44.15 -1.70 0.00	82.18 -4.62 0.00	120.51 -8.71 8.65	36.50 -2.67 5.06	26.26 -1.83 5.52	27.22 -1.96 3.22	23.26 -1.71 4.88	22.06 -1.73 5.09	16.30 -1.51 4.47	23.44 -2.23 4.62	20.28 -2.18 4.34	23.10 -2.17 4.60	27.77 -2.79 5.46	36.27 -3.84 6.29	58.22 -5.29 8.58	58.18 -5.45 8.35	36.76 -3.45 5.78	28.02 -2.59 4.10	29.54 -2.21 0.14
GARDNVLA_35_KV_LD 355827	43.23 -1.99 0.00	39.77 -2.02 0.00	39.86 -2.37 0.00	36.65 -2.34 0.00	35.12 -2.13 0.00	44.42 -1.43 0.00	82.69 -4.11 0.00	121.64 -7.76 8.47	36.94 -2.34 4.95	26.63 -1.58 5.40	27.50 -1.75 3.15	23.55 -1.52 4.77	22.34 -1.56 4.98	16.53 -1.38 4.38	23.98 -2.04 4.27	20.77 -2.01 4.01	23.66 -1.95 4.25	28.43 -2.54 5.05	37.07 -3.51 5.82	59.34 -4.80 7.94	59.28 -4.96 7.73	37.53 -3.11 5.35	28.57 -2.35 3.80	29.75 -2.01 0.13
GELCKHM___115KV_LOAD 80723	44.17 -1.05 0.00	40.80 -0.99 0.00	41.15 -1.08 0.00	38.00 -1.00 0.00	36.38 -0.87 0.00	45.09 -0.75 0.00	85.07 -1.73 0.00	135.09 -2.78 0.00	43.20 -1.03 0.00	32.82 -0.79 0.00	31.68 -0.72 0.00	29.16 -0.69 0.00	28.20 -0.68 0.00	21.76 -0.53 0.00	29.55 -0.74 0.00	26.12 -0.68 0.00	29.17 -0.68 0.00	35.14 -0.88 0.00	45.15 -1.25 0.00	70.13 -1.96 0.00	69.95 -2.03 0.00	44.69 -1.31 0.00	33.73 -0.98 0.00	31.02 -0.87 0.00
GENERAL___MILLS 23808	43.11 -2.11 0.00	39.68 -2.10 0.00	39.77 -2.46 0.00	36.58 -2.42 0.00	35.06 -2.20 0.00	44.30 -1.54 0.00	82.46 -4.34 0.00	121.17 -8.17 8.53	36.74 -2.50 4.99	26.47 -1.70 5.44	27.37 -1.85 3.17	23.42 -1.62 4.81	22.21 -1.65 5.02	16.43 -1.45 4.41	23.77 -2.14 4.39	20.58 -2.10 4.12	23.43 -2.06 4.37	28.16 -2.67 5.18	36.74 -3.68 5.98	58.90 -5.03 8.16	58.81 -5.23 7.95	37.22 -3.27 5.50	28.34 -2.47 3.90	29.65 -2.11 0.14
GE_PLASTICS___DRP 24183	45.86 0.64 0.00	42.40 0.62 0.00	42.93 0.70 0.00	39.68 0.68 0.00	38.00 0.75 0.00	47.13 1.28 0.00	88.57 1.77 0.00	141.11 3.25 0.00	45.17 0.93 0.00	34.25 0.65 0.00	32.83 0.43 0.00	30.19 0.34 0.00	29.24 0.36 0.00	22.69 0.40 0.00	30.88 0.59 0.00	27.38 0.58 0.00	30.53 0.67 0.00	36.81 0.79 0.00	47.32 0.92 0.00	73.48 1.39 0.00	73.45 1.47 0.00	46.93 0.94 0.00	35.46 0.74 0.00	32.51 0.62 0.00
GILBOA___1 23756	45.68 0.46 0.00	42.25 0.47 0.00	42.72 0.49 0.00	39.47 0.48 0.00	37.78 0.53 0.00	46.80 0.95 0.00	87.70 0.89 0.00	139.62 1.75 0.00	44.86 0.63 0.00	34.23 0.62 0.00	32.88 0.48 0.00	30.31 0.46 0.00	29.51 0.62 0.00	22.88 0.59 0.00	31.14 0.84 0.00	27.53 0.73 0.00	30.54 0.68 0.00	36.78 0.76 0.00	47.27 0.87 0.00	73.27 1.18 0.00	73.26 1.29 0.00	46.88 0.89 0.00	35.38 0.66 0.00	32.43 0.54 0.00
GILBOA___2 23757	45.68 0.46 0.00	42.25 0.47 0.00	42.72 0.49 0.00	39.47 0.48 0.00	37.78 0.53 0.00	46.80 0.95 0.00	87.70 0.89 0.00	139.62 1.75 0.00	44.86 0.63 0.00	34.23 0.62 0.00	32.88 0.48 0.00	30.31 0.46 0.00	29.51 0.62 0.00	22.88 0.59 0.00	31.14 0.84 0.00	27.53 0.73 0.00	30.54 0.68 0.00	36.78 0.76 0.00	47.27 0.87 0.00	73.27 1.18 0.00	73.26 1.29 0.00	46.88 0.89 0.00	35.38 0.66 0.00	32.43 0.54 0.00

GILBOA___3 23758	45.68 0.46 0.00	42.25 0.47 0.00	42.72 0.49 0.00	39.47 0.48 0.00	37.78 0.53 0.00	46.80 0.95 0.00	87.70 0.89 0.00	139.62 1.75 0.00	44.86 0.63 0.00	34.23 0.62 0.00	32.88 0.48 0.00	30.31 0.46 0.00	29.51 0.62 0.00	22.88 0.59 0.00	31.14 0.84 0.00	27.53 0.73 0.00	30.54 0.68 0.00	36.78 0.76 0.00	47.27 0.87 0.00	73.27 1.18 0.00	73.26 1.29 0.00	46.88 0.89 0.00	35.38 0.66 0.00	32.43 0.54 0.00
GILBOA___4 23759	45.68 0.46 0.00	42.25 0.47 0.00	42.72 0.49 0.00	39.47 0.48 0.00	37.78 0.53 0.00	46.80 0.95 0.00	87.70 0.89 0.00	139.62 1.75 0.00	44.86 0.63 0.00	34.23 0.62 0.00	32.88 0.48 0.00	30.31 0.46 0.00	29.51 0.62 0.00	22.88 0.59 0.00	31.14 0.84 0.00	27.53 0.73 0.00	30.54 0.68 0.00	36.78 0.76 0.00	47.27 0.87 0.00	73.27 1.18 0.00	73.26 1.29 0.00	46.88 0.89 0.00	35.38 0.66 0.00	32.43 0.54 0.00
GILBOA___ 23599	45.68 0.46 0.00	42.25 0.47 0.00	42.72 0.49 0.00	39.47 0.47 0.00	37.78 0.53 0.00	46.80 0.95 0.00	87.70 0.89 0.00	139.60 1.73 0.00	44.86 0.63 0.00	34.24 0.63 0.00	32.88 0.48 0.00	30.31 0.46 0.00	29.51 0.62 0.00	22.88 0.59 0.00	31.14 0.85 0.00	27.53 0.73 0.00	30.55 0.69 0.00	36.78 0.76 0.00	47.27 0.87 0.00	73.27 1.18 0.00	73.27 1.29 0.00	46.89 0.90 0.00	35.38 0.67 0.00	32.43 0.54 0.00
GINNA___ 23603	41.86 -3.36 0.00	38.60 -3.18 0.00	38.86 -3.37 0.00	35.87 -3.13 0.00	34.40 -2.85 0.00	42.96 -2.89 0.00	80.76 -6.05 0.00	127.86 -10.01 0.00	40.92 -3.31 0.00	31.05 -2.55 0.00	29.90 -2.50 0.00	27.49 -2.36 0.00	26.53 -2.35 0.00	20.42 -1.86 0.00	27.60 -2.69 0.00	24.39 -2.41 0.00	27.37 -2.49 0.00	32.97 -3.05 0.00	42.37 -4.02 0.00	66.10 -5.99 0.00	65.87 -6.11 0.00	42.09 -3.91 0.00	31.75 -2.96 0.00	29.20 -2.69 0.00
GLEN PARK___ 23778	44.98 -0.24 0.00	41.37 -0.41 0.00	41.70 -0.53 0.00	38.66 -0.33 0.00	36.92 -0.33 0.00	45.83 -0.01 0.00	87.70 0.90 0.00	139.46 1.60 0.00	44.23 0.00 0.00	32.65 -0.97 0.00	31.20 -1.19 0.00	28.16 -1.69 0.00	27.13 -1.75 0.00	20.79 -1.61 -0.11	28.20 -2.09 0.00	24.89 -1.91 0.00	28.17 -1.69 0.00	35.97 -0.05 0.00	47.01 0.61 0.00	71.67 -0.42 0.00	71.35 -0.63 0.00	45.16 -0.83 0.00	33.74 -0.97 0.00	30.80 -1.09 0.00
GLENDALE_27_KV_LOAD 356172	46.94 1.72 0.00	43.45 1.67 0.00	43.86 1.63 0.00	40.49 1.50 0.00	38.81 1.55 0.00	48.24 2.40 0.00	91.29 4.48 0.00	146.35 8.48 0.00	47.08 2.68 -0.16	37.29 2.13 -1.55	35.28 1.90 -0.99	34.21 1.60 -2.77	36.03 1.55 -5.61	36.61 1.35 -12.97	33.16 1.86 -1.01	29.82 1.79 -1.23	32.91 1.98 -1.07	39.35 2.38 -0.95	49.81 2.88 -0.53	76.44 4.35 0.00	77.54 4.47 -1.09	49.21 2.90 -0.32	36.82 2.10 0.00	34.24 1.69 -0.66
GLENWOOD_IC_1_G5 23712	46.90 1.68 0.00	43.51 1.73 0.00	43.86 1.63 0.00	40.44 1.44 0.00	38.82 1.57 0.00	48.14 2.29 0.00	90.64 3.84 0.00	145.28 7.44 0.02	46.49 2.26 0.00	35.40 1.79 0.00	34.10 1.71 0.00	31.17 1.32 0.00	30.12 1.24 0.00	23.29 1.01 0.00	31.80 1.51 0.00	28.38 1.58 0.00	31.71 1.85 0.00	38.26 2.24 0.00	49.11 2.71 0.00	76.53 4.44 0.00	76.47 4.49 0.00	48.88 2.89 0.00	36.79 2.07 0.00	33.57 1.68 0.00
GLENWOOD_IC_2_G1 23688	46.81 1.59 0.00	43.43 1.64 0.00	43.78 1.55 0.00	40.36 1.36 0.00	38.75 1.50 0.00	48.04 2.20 0.00	90.46 3.65 0.00	144.98 7.12 0.01	46.40 2.16 0.00	35.34 1.73 0.00	34.03 1.63 0.00	31.11 1.26 0.00	30.06 1.18 0.00	23.25 0.96 0.00	31.75 1.46 0.00	28.32 1.52 0.00	31.63 1.77 0.00	38.16 2.14 0.00	48.99 2.59 0.00	76.35 4.26 0.00	76.27 4.29 0.00	48.76 2.77 0.00	36.71 1.99 0.00	33.51 1.61 0.00
GLENWOOD_IC_3_G1 23689	46.81 1.59 0.00	43.43 1.64 0.00	43.78 1.55 0.00	40.36 1.36 0.00	38.75 1.50 0.00	48.04 2.20 0.00	90.46 3.65 0.00	144.98 7.12 0.01	46.40 2.16 0.00	35.34 1.73 0.00	34.03 1.63 0.00	31.11 1.26 0.00	30.06 1.18 0.00	23.25 0.96 0.00	31.75 1.46 0.00	28.32 1.52 0.00	31.63 1.77 0.00	38.16 2.14 0.00	48.99 2.59 0.00	76.35 4.26 0.00	76.27 4.29 0.00	48.76 2.77 0.00	36.71 1.99 0.00	33.51 1.61 0.00
GLENWOOD___4 23550	46.90 1.68 0.00	43.51 1.73 0.00	43.86 1.63 0.00	40.44 1.44 0.00	38.82 1.57 0.00	48.14 2.29 0.00	90.64 3.84 0.00	145.28 7.44 0.02	46.49 2.26 0.00	35.40 1.79 0.00	34.10 1.71 0.00	31.17 1.32 0.00	30.12 1.24 0.00	23.29 1.01 0.00	31.80 1.51 0.00	28.38 1.58 0.00	31.71 1.85 0.00	38.26 2.24 0.00	49.11 2.71 0.00	76.53 4.44 0.00	76.47 4.49 0.00	48.88 2.89 0.00	36.79 2.07 0.00	33.57 1.68 0.00
GLENWOOD___5 23614	46.90 1.68 0.00	43.51 1.73 0.00	43.86 1.63 0.00	40.44 1.44 0.00	38.82 1.57 0.00	48.14 2.29 0.00	90.64 3.84 0.00	145.28 7.44 0.02	46.49 2.26 0.00	35.40 1.79 0.00	34.10 1.71 0.00	31.17 1.32 0.00	30.12 1.24 0.00	23.29 1.01 0.00	31.80 1.51 0.00	28.38 1.58 0.00	31.71 1.85 0.00	38.26 2.24 0.00	49.11 2.71 0.00	76.53 4.44 0.00	76.47 4.49 0.00	48.88 2.89 0.00	36.79 2.07 0.00	33.57 1.68 0.00
GLOBAL GREEN_PORT_GT1 23814	46.37 1.15 0.00	43.49 1.71 0.00	43.60 1.37 0.00	40.06 1.06 0.00	38.86 1.61 0.00	48.27 2.43 0.00	91.01 4.20 0.00	145.63 8.21 0.45	46.19 1.95 0.00	34.78 1.17 0.00	33.68 1.28 0.00	30.11 0.26 0.00	29.35 0.47 0.00	22.30 0.02 0.01	30.87 0.58 0.00	27.84 1.04 0.00	31.16 1.30 0.00	37.77 1.75 0.00	49.11 2.71 0.00	77.10 5.02 0.00	76.75 4.77 0.00	49.12 3.12 0.00	37.00 2.29 0.00	33.73 1.84 0.00
GLOBE___DSASP 323697	42.03 -3.19 0.00	38.70 -3.08 0.00	38.87 -3.37 0.00	35.75 -3.25 0.00	34.27 -2.98 0.00	43.16 -2.68 0.00	79.93 -6.88 0.00	115.47 -12.39 10.01	34.58 -3.78 5.87	24.54 -2.67 6.40	25.81 -2.86 3.73	21.73 -2.46 5.66	20.57 -2.40 5.90	15.11 -1.99 5.18	21.63 -2.98 5.68	18.53 -2.94 5.32	21.25 -2.97 5.64	25.52 -3.81 6.69	33.54 -5.14 7.72	54.08 -7.47 10.54	54.04 -7.67 10.26	33.94 -4.96 7.10	26.04 -3.63 5.04	28.64 -3.07 0.18
GOETHSLN___LBMP 323567	46.32 1.10 0.00	42.89 1.11 0.00	43.31 1.07 0.00	40.00 1.00 0.00	38.32 1.06 0.00	47.62 1.78 0.00	90.04 3.23 0.00	144.38 6.51 0.00	46.21 1.98 0.00	35.21 1.60 0.00	33.79 1.40 0.00	30.99 1.14 0.00	30.00 1.12 0.00	23.33 1.04 0.00	31.70 1.41 0.00	28.20 1.40 0.00	31.39 1.53 0.00	37.85 1.83 0.00	48.60 2.19 0.00	75.35 3.26 0.00	75.35 3.37 0.00	48.19 2.20 0.00	36.29 1.58 0.00	33.13 1.24 0.00
GOLAH___69_KV_TB 1_2 80279	43.80 -1.42 0.00	40.36 -1.42 0.00	40.59 -1.64 0.00	37.42 -1.59 0.00	35.87 -1.38 0.00	44.93 -0.92 0.00	84.26 -2.55 0.00	130.79 -4.72 2.36	41.26 -1.59 1.38	30.84 -1.27 1.50	30.19 -1.33 0.88	27.25 -1.27 1.33	26.17 -1.33 1.38	19.95 -1.12 1.22	27.35 -1.70 1.24	24.06 -1.58 1.17	27.06 -1.56 1.24	32.60 -1.95 1.47	42.18 -2.53 1.70	66.42 -3.36 2.31	66.27 -3.47 2.25	42.26 -2.18 1.55	31.95 -1.66 1.10	30.40 -1.45 0.04

GOODYEAR_LAKE_HYD 323669	46.31 1.09 0.00	42.82 1.04 0.00	43.25 1.01 0.00	39.95 0.95 0.00	38.25 0.99 0.00	47.44 1.60 0.00	89.77 2.97 0.00	142.53 4.66 0.00	45.47 1.24 0.00	34.55 0.94 0.00	33.37 0.97 0.00	30.73 0.88 0.00	29.79 0.91 0.00	23.01 0.72 0.00	31.21 0.92 0.00	27.58 0.78 0.00	30.76 0.90 0.00	37.08 1.07 0.00	47.65 1.25 0.00	73.97 1.88 0.00	73.94 1.96 0.00	47.11 1.12 0.00	35.44 0.72 0.00	32.47 0.58 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	44.65 -0.57 0.00	41.21 -0.57 0.00	41.49 -0.75 0.00	38.28 -0.72 0.00	36.62 -0.64 0.00	45.59 -0.26 0.00	86.12 -0.69 0.00	136.38 -1.49 0.00	43.48 -0.76 0.00	33.09 -0.52 0.00	31.99 -0.41 0.00	29.44 -0.41 0.00	28.45 -0.42 0.00	21.93 -0.36 0.00	29.82 -0.47 0.00	26.41 -0.39 0.00	29.46 -0.40 0.00	35.54 -0.48 0.00	45.56 -0.84 0.00	70.89 -1.20 0.00	70.67 -1.32 0.00	45.09 -0.91 0.00	33.97 -0.74 0.00	31.23 -0.67 0.00
GOUDEY___7 23579	44.65 -0.57 0.00	41.21 -0.57 0.00	41.49 -0.75 0.00	38.28 -0.72 0.00	36.62 -0.64 0.00	45.59 -0.26 0.00	86.12 -0.69 0.00	136.38 -1.49 0.00	43.48 -0.76 0.00	33.09 -0.52 0.00	31.99 -0.41 0.00	29.44 -0.41 0.00	28.45 -0.42 0.00	21.93 -0.36 0.00	29.82 -0.47 0.00	26.41 -0.39 0.00	29.46 -0.40 0.00	35.54 -0.48 0.00	45.56 -0.84 0.00	70.89 -1.20 0.00	70.67 -1.32 0.00	45.09 -0.91 0.00	33.97 -0.74 0.00	31.23 -0.67 0.00
GOUDEY___8 23580	44.65 -0.57 0.00	41.21 -0.57 0.00	41.49 -0.75 0.00	38.28 -0.72 0.00	36.62 -0.64 0.00	45.59 -0.26 0.00	86.12 -0.69 0.00	136.38 -1.49 0.00	43.48 -0.76 0.00	33.09 -0.52 0.00	31.99 -0.41 0.00	29.44 -0.41 0.00	28.45 -0.42 0.00	21.93 -0.36 0.00	29.82 -0.47 0.00	26.41 -0.39 0.00	29.46 -0.40 0.00	35.54 -0.48 0.00	45.56 -0.84 0.00	70.89 -1.20 0.00	70.67 -1.32 0.00	45.09 -0.91 0.00	33.97 -0.74 0.00	31.23 -0.67 0.00
GOWANUS_GT1_1 24077	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.47 4.65 -0.01	147.83 8.79 -1.17	60.79 2.77 -13.79	54.44 2.16 -18.67	54.26 1.94 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.38 1.35 -40.74	52.60 1.85 -20.45	53.63 1.80 -25.03	53.75 2.00 -21.89	57.91 2.38 -19.51	66.45 2.90 -17.16	94.09 4.32 -17.68	98.43 4.50 -21.95	80.90 2.97 -31.93	54.58 2.18 -17.69	53.68 1.77 -20.01
GOWANUS_GT1_2 24078	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.47 4.65 -0.01	147.83 8.79 -1.17	60.79 2.77 -13.79	54.44 2.16 -18.67	54.26 1.94 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.38 1.35 -40.74	52.60 1.85 -20.45	53.63 1.80 -25.03	53.75 2.00 -21.89	57.91 2.38 -19.51	66.45 2.90 -17.16	94.09 4.32 -17.68	98.43 4.50 -21.95	80.90 2.97 -31.93	54.58 2.18 -17.69	53.68 1.77 -20.01
GOWANUS_GT1_3 24079	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.47 4.65 -0.01	147.83 8.79 -1.17	60.79 2.77 -13.79	54.44 2.16 -18.67	54.26 1.94 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.38 1.35 -40.74	52.60 1.85 -20.45	53.63 1.80 -25.03	53.75 2.00 -21.89	57.91 2.38 -19.51	66.45 2.90 -17.16	94.09 4.32 -17.68	98.43 4.50 -21.95	80.90 2.97 -31.93	54.58 2.18 -17.69	53.68 1.77 -20.01
GOWANUS_GT1_4 24080	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.47 4.65 -0.01	147.83 8.79 -1.17	60.79 2.77 -13.79	54.44 2.16 -18.67	54.26 1.94 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.38 1.35 -40.74	52.60 1.85 -20.45	53.63 1.80 -25.03	53.75 2.00 -21.89	57.91 2.38 -19.51	66.45 2.90 -17.16	94.09 4.32 -17.68	98.43 4.50 -21.95	80.90 2.97 -31.93	54.58 2.18 -17.69	53.68 1.77 -20.01
GOWANUS_GT1_5 24084	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.47 4.65 -0.01	147.83 8.79 -1.17	60.79 2.77 -13.79	54.44 2.16 -18.67	54.26 1.94 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.38 1.35 -40.74	52.60 1.85 -20.45	53.63 1.80 -25.03	53.75 2.00 -21.89	57.91 2.38 -19.51	66.45 2.90 -17.16	94.09 4.32 -17.68	98.43 4.50 -21.95	80.90 2.97 -31.93	54.58 2.18 -17.69	53.68 1.77 -20.01
GOWANUS_GT1_6 24111	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.47 4.65 -0.01	147.83 8.79 -1.17	60.79 2.77 -13.79	54.44 2.16 -18.67	54.26 1.94 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.38 1.35 -40.74	52.60 1.85 -20.45	53.63 1.80 -25.03	53.75 2.00 -21.89	57.91 2.38 -19.51	66.45 2.90 -17.16	94.09 4.32 -17.68	98.43 4.50 -21.95	80.90 2.97 -31.93	54.58 2.18 -17.69	53.68 1.77 -20.01
GOWANUS_GT1_7 24112	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.47 4.65 -0.01	147.83 8.79 -1.17	60.79 2.77 -13.79	54.44 2.16 -18.67	54.26 1.94 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.38 1.35 -40.74	52.60 1.85 -20.45	53.63 1.80 -25.03	53.75 2.00 -21.89	57.91 2.38 -19.51	66.45 2.90 -17.16	94.09 4.32 -17.68	98.43 4.50 -21.95	80.90 2.97 -31.93	54.58 2.18 -17.69	53.68 1.77 -20.01
GOWANUS_GT1_8 24113	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.47 4.65 -0.01	147.83 8.79 -1.17	60.79 2.77 -13.79	54.44 2.16 -18.67	54.26 1.94 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.38 1.35 -40.74	52.60 1.85 -20.45	53.63 1.80 -25.03	53.75 2.00 -21.89	57.91 2.38 -19.51	66.45 2.90 -17.16	94.09 4.32 -17.68	98.43 4.50 -21.95	80.90 2.97 -31.93	54.58 2.18 -17.69	53.68 1.77 -20.01
GOWANUS_GT2_1 24114	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.60 1.85 -20.45	53.62 1.79 -25.03	53.75 2.00 -21.89	57.92 2.38 -19.51	66.45 2.89 -17.16	94.08 4.31 -17.68	98.44 4.51 -21.95	80.90 2.98 -31.93	54.58 2.17 -17.69	53.68 1.78 -20.01
GOWANUS_GT2_2 24115	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.60 1.85 -20.45	53.62 1.79 -25.03	53.75 2.00 -21.89	57.92 2.38 -19.51	66.45 2.89 -17.16	94.08 4.31 -17.68	98.44 4.51 -21.95	80.90 2.98 -31.93	54.58 2.17 -17.69	53.68 1.78 -20.01
GOWANUS_GT2_3 24116	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.60 1.85 -20.45	53.62 1.79 -25.03	53.75 2.00 -21.89	57.92 2.38 -19.51	66.45 2.89 -17.16	94.08 4.31 -17.68	98.44 4.51 -21.95	80.90 2.98 -31.93	54.58 2.17 -17.69	53.68 1.78 -20.01

GOWANUS_GT2_4 24117	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.60 1.85 -20.45	53.62 1.79 -25.03	53.75 2.00 -21.89	57.92 2.38 -19.51	66.45 2.89 -17.16	94.08 4.31 -17.68	98.44 4.51 -21.95	80.90 2.98 -31.93	54.58 2.17 -17.69	53.68 1.78 -20.01
GOWANUS_GT2_5 24118	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.60 1.85 -20.45	53.62 1.79 -25.03	53.75 2.00 -21.89	57.92 2.38 -19.51	66.45 2.89 -17.16	94.08 4.31 -17.68	98.44 4.51 -21.95	80.90 2.98 -31.93	54.58 2.17 -17.69	53.68 1.78 -20.01
GOWANUS_GT2_6 24119	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.60 1.85 -20.45	53.62 1.79 -25.03	53.75 2.00 -21.89	57.92 2.38 -19.51	66.45 2.89 -17.16	94.08 4.31 -17.68	98.44 4.51 -21.95	80.90 2.98 -31.93	54.58 2.17 -17.69	53.68 1.78 -20.01
GOWANUS_GT2_7 24120	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.60 1.85 -20.45	53.62 1.79 -25.03	53.75 2.00 -21.89	57.92 2.38 -19.51	66.45 2.89 -17.16	94.08 4.31 -17.68	98.44 4.51 -21.95	80.90 2.98 -31.93	54.58 2.17 -17.69	53.68 1.78 -20.01
GOWANUS_GT2_8 24121	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.60 1.85 -20.45	53.62 1.79 -25.03	53.75 2.00 -21.89	57.92 2.38 -19.51	66.45 2.89 -17.16	94.08 4.31 -17.68	98.44 4.51 -21.95	80.90 2.98 -31.93	54.58 2.17 -17.69	53.68 1.78 -20.01
GOWANUS_GT3_1 24122	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.59 1.85 -20.45	53.62 1.79 -25.03	53.74 1.99 -21.89	57.91 2.38 -19.51	66.43 2.87 -17.16	94.08 4.31 -17.68	98.42 4.49 -21.95	80.90 2.97 -31.93	54.58 2.17 -17.69	53.68 1.77 -20.01
GOWANUS_GT3_2 24123	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.59 1.85 -20.45	53.62 1.79 -25.03	53.74 1.99 -21.89	57.91 2.38 -19.51	66.43 2.87 -17.16	94.08 4.31 -17.68	98.42 4.49 -21.95	80.90 2.97 -31.93	54.58 2.17 -17.69	53.68 1.77 -20.01
GOWANUS_GT3_3 24124	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.59 1.85 -20.45	53.62 1.79 -25.03	53.74 1.99 -21.89	57.91 2.38 -19.51	66.43 2.87 -17.16	94.08 4.31 -17.68	98.42 4.49 -21.95	80.90 2.97 -31.93	54.58 2.17 -17.69	53.68 1.77 -20.01
GOWANUS_GT3_4 24125	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.59 1.85 -20.45	53.62 1.79 -25.03	53.74 1.99 -21.89	57.91 2.38 -19.51	66.43 2.87 -17.16	94.08 4.31 -17.68	98.42 4.49 -21.95	80.90 2.97 -31.93	54.58 2.17 -17.69	53.68 1.77 -20.01
GOWANUS_GT3_5 24126	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.59 1.85 -20.45	53.62 1.79 -25.03	53.74 1.99 -21.89	57.91 2.38 -19.51	66.43 2.87 -17.16	94.08 4.31 -17.68	98.42 4.49 -21.95	80.90 2.97 -31.93	54.58 2.17 -17.69	53.68 1.77 -20.01
GOWANUS_GT3_6 24127	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.59 1.85 -20.45	53.62 1.79 -25.03	53.74 1.99 -21.89	57.91 2.38 -19.51	66.43 2.87 -17.16	94.08 4.31 -17.68	98.42 4.49 -21.95	80.90 2.97 -31.93	54.58 2.17 -17.69	53.68 1.77 -20.01
GOWANUS_GT3_7 24128	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.59 1.85 -20.45	53.62 1.79 -25.03	53.74 1.99 -21.89	57.91 2.38 -19.51	66.43 2.87 -17.16	94.08 4.31 -17.68	98.42 4.49 -21.95	80.90 2.97 -31.93	54.58 2.17 -17.69	53.68 1.77 -20.01
GOWANUS_GT3_8 24129	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.59 1.85 -20.45	53.62 1.79 -25.03	53.74 1.99 -21.89	57.91 2.38 -19.51	66.43 2.87 -17.16	94.08 4.31 -17.68	98.42 4.49 -21.95	80.90 2.97 -31.93	54.58 2.17 -17.69	53.68 1.77 -20.01
GOWANUS_GT4_1 24130	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.47 4.65 -0.01	147.83 8.79 -1.17	60.79 2.77 -13.79	54.44 2.16 -18.67	54.26 1.94 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.38 1.35 -40.74	52.60 1.86 -20.45	53.63 1.80 -25.03	53.75 2.00 -21.89	57.92 2.39 -19.51	66.46 2.90 -17.16	94.10 4.33 -17.68	98.46 4.53 -21.95	80.90 2.98 -31.93	54.58 2.18 -17.69	53.68 1.77 -20.01
GOWANUS_GT4_2 24131	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.47 4.65 -0.01	147.83 8.79 -1.17	60.79 2.77 -13.79	54.44 2.16 -18.67	54.26 1.94 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.38 1.35 -40.74	52.60 1.86 -20.45	53.63 1.80 -25.03	53.75 2.00 -21.89	57.92 2.39 -19.51	66.46 2.90 -17.16	94.10 4.33 -17.68	98.46 4.53 -21.95	80.90 2.98 -31.93	54.58 2.18 -17.69	53.68 1.77 -20.01

GOWANUS_GT4_3 24132	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.47 4.65 -0.01	147.83 8.79 -1.17	60.79 2.77 -13.79	54.44 2.16 -18.67	54.26 1.94 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.38 1.35 -40.74	52.60 1.86 -20.45	53.63 1.80 -25.03	53.75 2.00 -21.89	57.92 2.39 -19.51	66.46 2.90 -17.16	94.10 4.33 -17.68	98.46 4.53 -21.95	80.90 2.98 -31.93	54.58 2.18 -17.69	53.68 1.77 -20.01
GOWANUS_GT4_4 24133	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.47 4.65 -0.01	147.83 8.79 -1.17	60.79 2.77 -13.79	54.44 2.16 -18.67	54.26 1.94 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.38 1.35 -40.74	52.60 1.86 -20.45	53.63 1.80 -25.03	53.75 2.00 -21.89	57.92 2.39 -19.51	66.46 2.90 -17.16	94.10 4.33 -17.68	98.46 4.53 -21.95	80.90 2.98 -31.93	54.58 2.18 -17.69	53.68 1.77 -20.01
GOWANUS_GT4_5 24134	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.47 4.65 -0.01	147.83 8.79 -1.17	60.79 2.77 -13.79	54.44 2.16 -18.67	54.26 1.94 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.38 1.35 -40.74	52.60 1.86 -20.45	53.63 1.80 -25.03	53.75 2.00 -21.89	57.92 2.39 -19.51	66.46 2.90 -17.16	94.10 4.33 -17.68	98.46 4.53 -21.95	80.90 2.98 -31.93	54.58 2.18 -17.69	53.68 1.77 -20.01
GOWANUS_GT4_6 24135	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.47 4.65 -0.01	147.83 8.79 -1.17	60.79 2.77 -13.79	54.44 2.16 -18.67	54.26 1.94 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.38 1.35 -40.74	52.60 1.86 -20.45	53.63 1.80 -25.03	53.75 2.00 -21.89	57.92 2.39 -19.51	66.46 2.90 -17.16	94.10 4.33 -17.68	98.46 4.53 -21.95	80.90 2.98 -31.93	54.58 2.18 -17.69	53.68 1.77 -20.01
GOWANUS_GT4_7 24136	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.47 4.65 -0.01	147.83 8.79 -1.17	60.79 2.77 -13.79	54.44 2.16 -18.67	54.26 1.94 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.38 1.35 -40.74	52.60 1.86 -20.45	53.63 1.80 -25.03	53.75 2.00 -21.89	57.92 2.39 -19.51	66.46 2.90 -17.16	94.10 4.33 -17.68	98.46 4.53 -21.95	80.90 2.98 -31.93	54.58 2.18 -17.69	53.68 1.77 -20.01
GOWANUS_GT4_8 24137	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.47 4.65 -0.01	147.83 8.79 -1.17	60.79 2.77 -13.79	54.44 2.16 -18.67	54.26 1.94 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.38 1.35 -40.74	52.60 1.86 -20.45	53.63 1.80 -25.03	53.75 2.00 -21.89	57.92 2.39 -19.51	66.46 2.90 -17.16	94.10 4.33 -17.68	98.46 4.53 -21.95	80.90 2.98 -31.93	54.58 2.18 -17.69	53.68 1.77 -20.01
GREENBSH_115KV_TB3 55895	45.86 0.64 0.00	42.41 0.63 0.00	42.96 0.72 0.00	39.72 0.72 0.00	38.05 0.80 0.00	47.26 1.41 0.00	88.72 1.91 0.00	141.39 3.52 0.00	45.23 0.99 0.00	34.25 0.64 0.00	32.79 0.39 0.00	30.15 0.30 0.00	29.18 0.30 0.00	22.66 0.37 0.00	30.84 0.54 0.00	27.35 0.55 0.00	30.53 0.67 0.00	36.80 0.78 0.00	47.25 0.85 0.00	73.39 1.31 0.00	73.35 1.37 0.00	46.85 0.86 0.00	35.43 0.71 0.00	32.48 0.59 0.00
GREENEDGE_115KV_TB5 80291	43.93 -1.29 0.00	40.54 -1.25 0.00	40.71 -1.52 0.00	37.53 -1.47 0.00	35.94 -1.31 0.00	44.93 -0.91 0.00	84.71 -2.10 0.00	150.92 -4.19 -17.24	52.54 -1.77 -10.08	43.36 -1.24 -10.99	37.60 -1.21 -6.41	38.43 -1.14 -9.72	37.63 -1.40 -10.15	30.05 -1.15 -8.91	39.06 -1.57 -10.33	35.14 -1.37 -9.71	38.95 -1.21 -10.30	46.89 -1.36 -12.23	58.49 -2.01 -14.10	88.36 -3.02 -19.29	87.62 -3.14 -18.77	57.01 -1.98 -12.99	42.45 -1.48 -9.22	30.86 -1.36 -0.33
GREENIDGE___3 23582	43.93 -1.29 0.00	40.54 -1.25 0.00	40.71 -1.52 0.00	37.53 -1.47 0.00	35.94 -1.31 0.00	44.93 -0.91 0.00	84.71 -2.10 0.00	150.92 -4.19 -17.24	52.54 -1.77 -10.08	43.36 -1.24 -10.99	37.60 -1.21 -6.41	38.43 -1.14 -9.72	37.63 -1.40 -10.15	30.05 -1.15 -8.91	39.06 -1.57 -10.33	35.14 -1.37 -9.71	38.95 -1.21 -10.30	46.89 -1.36 -12.23	58.49 -2.01 -14.10	88.36 -3.02 -19.29	87.62 -3.14 -18.77	57.01 -1.98 -12.99	42.45 -1.48 -9.22	30.86 -1.36 -0.33
GREENIDGE___4 23583	43.93 -1.29 0.00	40.54 -1.25 0.00	40.71 -1.52 0.00	37.53 -1.47 0.00	35.94 -1.31 0.00	44.93 -0.92 0.00	84.71 -2.10 0.00	150.94 -4.17 -17.24	52.55 -1.76 -10.08	43.37 -1.24 -10.99	37.60 -1.21 -6.41	38.43 -1.14 -9.72	37.64 -1.39 -10.15	30.05 -1.15 -8.91	39.07 -1.56 -10.33	35.14 -1.37 -9.71	38.96 -1.20 -10.30	46.89 -1.35 -12.23	58.51 -1.99 -14.10	88.38 -3.00 -19.29	87.62 -3.13 -18.77	57.02 -1.96 -12.99	42.46 -1.47 -9.22	30.86 -1.36 -0.33
GREENLWN_69_KV_BK 3 55738	46.56 1.34 0.00	43.27 1.48 0.00	43.60 1.36 0.00	40.14 1.15 0.00	38.59 1.33 0.00	47.78 1.94 0.00	89.86 3.06 0.00	143.69 6.27 0.45	46.07 1.83 0.00	35.09 1.48 0.00	33.86 1.46 0.00	30.92 1.07 0.00	29.85 0.97 0.00	23.05 0.77 0.01	31.53 1.23 0.00	28.15 1.35 0.00	31.47 1.61 0.00	37.88 1.86 0.00	48.65 2.25 0.00	75.86 3.76 0.00	75.68 3.71 0.00	48.44 2.44 0.00	36.51 1.80 0.00	33.30 1.41 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.47 4.65 -0.01	147.83 8.79 -1.17	60.79 2.77 -13.79	54.44 2.16 -18.67	54.26 1.94 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.38 1.35 -40.74	52.60 1.86 -20.45	53.63 1.80 -25.03	53.75 2.00 -21.89	57.92 2.39 -19.51	66.46 2.90 -17.16	94.10 4.33 -17.68	98.46 4.53 -21.95	80.90 2.98 -31.93	54.58 2.18 -17.69	53.68 1.77 -20.01
GRISSOM___SOLAR 323813	47.26 2.04 0.00	43.66 1.88 0.00	44.11 1.88 0.00	40.74 1.74 0.00	39.00 1.75 0.00	48.38 2.54 0.00	91.71 4.91 0.00	145.08 7.21 0.00	45.67 1.43 0.00	33.86 0.25 0.00	32.44 0.05 0.00	29.74 -0.11 0.00	28.72 -0.16 0.00	22.26 -0.03 0.00	30.25 -0.04 0.00	26.68 -0.11 0.00	29.86 0.00 0.00	36.73 0.71 0.00	48.34 1.94 0.00	75.47 3.38 0.00	75.65 3.67 0.00	48.08 2.09 0.00	36.17 1.46 0.00	33.16 1.27 0.00
GROVEVILLE___HYD 323602	46.76 1.55 0.00	43.26 1.48 0.00	43.72 1.48 0.00	40.38 1.38 0.00	38.68 1.42 0.00	48.07 2.23 0.00	90.98 4.18 0.00	145.44 7.58 0.00	46.50 2.27 0.00	35.32 1.71 0.00	33.83 1.44 0.00	31.02 1.17 0.00	30.00 1.12 0.00	23.28 0.99 0.00	31.71 1.42 0.00	28.19 1.39 0.00	31.48 1.63 0.00	38.11 2.09 0.00	48.98 2.58 0.00	76.11 4.03 0.00	76.07 4.09 0.00	48.60 2.60 0.00	36.57 1.85 0.00	33.41 1.52 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	44.46 -0.76 0.00	41.07 -0.71 0.00	41.42 -0.82 0.00	38.25 -0.75 0.00	36.61 -0.64 0.00	45.42 -0.42 0.00	85.76 -1.05 0.00	136.15 -1.71 0.00	43.49 -0.74 0.00	33.02 -0.60 0.00	31.88 -0.51 0.00	29.35 -0.50 0.00	28.37 -0.51 0.00	21.89 -0.39 0.00	29.74 -0.56 0.00	26.28 -0.51 0.00	29.39 -0.47 0.00	35.42 -0.60 0.00	45.51 -0.89 0.00	70.70 -1.39 0.00	70.52 -1.46 0.00	45.02 -0.98 0.00	33.98 -0.74 0.00	31.23 -0.66 0.00

HAMLTNNY_34_KV_TB 80303	44.41 -0.81 0.00	41.05 -0.74 0.00	41.37 -0.86 0.00	38.22 -0.78 0.00	36.59 -0.66 0.00	45.41 -0.43 0.00	85.75 -1.06 0.00	136.07 -1.79 0.00	43.42 -0.82 0.00	32.99 -0.62 0.00	31.85 -0.54 0.00	29.33 -0.52 0.00	28.34 -0.54 0.00	21.87 -0.42 0.00	29.69 -0.60 0.00	26.23 -0.56 0.00	29.37 -0.49 0.00	35.37 -0.65 0.00	45.42 -0.98 0.00	70.59 -1.50 0.00	70.42 -1.56 0.00	44.93 -1.06 0.00	33.93 -0.78 0.00	31.19 -0.70 0.00
HAMPSHIRE___PAPER_HYD 323593	44.83 -0.39 0.00	41.28 -0.51 0.00	41.72 -0.51 0.00	38.56 -0.44 0.00	36.71 -0.54 0.00	44.92 -0.92 0.00	86.03 -0.78 0.00	136.46 -1.41 0.00	43.62 -0.61 0.00	32.64 -0.97 0.00	31.48 -0.91 0.00	28.73 -1.11 0.00	27.70 -1.18 0.00	21.39 -1.15 -0.25	28.80 -1.49 0.00	25.41 -1.39 0.00	28.50 -1.36 0.00	35.23 -0.79 0.00	46.09 -0.31 0.00	70.91 -1.18 0.00	70.75 -1.23 0.00	44.91 -1.09 0.00	33.70 -1.02 0.00	30.87 -1.02 0.00
HARDSCRABBLE_WT_PWR 323673	44.92 -0.30 0.00	41.48 -0.30 0.00	41.98 -0.25 0.00	38.83 -0.16 0.00	37.22 -0.04 0.00	46.29 0.44 0.00	87.52 0.71 0.00	139.66 1.79 0.00	44.17 -0.06 0.00	32.74 -0.87 0.00	31.12 -1.28 0.00	28.51 -1.34 0.00	27.55 -1.33 0.00	21.41 -0.88 0.00	29.19 -1.10 0.00	25.91 -0.88 0.00	28.88 -0.98 0.00	35.54 -0.48 0.00	46.22 -0.18 0.00	72.03 -0.06 0.00	71.93 -0.05 0.00	45.82 -0.18 0.00	34.51 -0.20 0.00	31.58 -0.31 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	46.23 1.02 0.00	42.79 1.02 0.00	43.22 0.98 0.00	39.92 0.92 0.00	38.22 0.97 0.00	47.47 1.62 0.00	89.86 3.05 0.00	143.81 5.94 0.00	45.96 1.73 0.00	34.95 1.34 0.00	33.51 1.11 0.00	30.72 0.87 0.00	29.71 0.83 0.00	23.06 0.77 0.00	31.40 1.11 0.00	27.94 1.14 0.00	31.18 1.32 0.00	37.69 1.67 0.00	48.42 2.02 0.00	75.20 3.11 0.00	75.21 3.23 0.00	48.06 2.07 0.00	36.15 1.43 0.00	33.01 1.12 0.00
HARSNRAD_115KV_TB1 81005	42.26 -2.96 0.00	38.91 -2.87 0.00	39.03 -3.21 0.00	35.91 -3.09 0.00	34.43 -2.82 0.00	43.38 -2.46 0.00	80.54 -6.27 0.00	113.95 -11.45 12.46	33.39 -3.56 7.29	23.09 -2.57 7.95	25.06 -2.70 4.64	20.41 -2.41 7.03	19.17 -2.38 7.33	13.86 -1.99 6.44	20.20 -2.95 7.14	17.24 -2.84 6.72	19.88 -2.86 7.12	23.95 -3.62 8.45	31.80 -4.85 9.75	51.83 -6.95 13.32	51.91 -7.11 12.96	32.64 -4.38 8.97	25.11 -3.24 6.37	28.92 -2.75 0.22
HARZA MOOSE___RIVER 24016	45.16 -0.06 0.00	41.56 -0.22 0.00	41.97 -0.26 0.00	38.82 -0.19 0.00	37.07 -0.18 0.00	45.87 0.02 0.00	87.49 0.68 0.00	139.28 1.41 0.00	44.44 0.20 0.00	33.25 -0.36 0.00	31.94 -0.45 0.00	29.10 -0.75 0.00	28.07 -0.81 0.00	21.62 -0.75 -0.08	29.37 -0.92 0.00	25.94 -0.86 0.00	29.17 -0.69 0.00	35.98 -0.04 0.00	46.90 0.50 0.00	71.86 -0.23 0.00	71.76 -0.23 0.00	45.51 -0.48 0.00	34.15 -0.57 0.00	31.23 -0.67 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	44.19 -1.03 0.00	40.80 -0.98 0.00	41.16 -1.07 0.00	38.00 -1.00 0.00	36.38 -0.87 0.00	45.13 -0.72 0.00	85.09 -1.71 0.00	135.14 -2.73 0.00	43.23 -1.00 0.00	32.84 -0.77 0.00	31.71 -0.69 0.00	29.20 -0.65 0.00	28.24 -0.64 0.00	21.78 -0.51 0.00	29.59 -0.71 0.00	26.17 -0.63 0.00	29.21 -0.65 0.00	35.17 -0.85 0.00	45.18 -1.22 0.00	70.16 -1.93 0.00	69.99 -1.99 0.00	44.72 -1.28 0.00	33.74 -0.98 0.00	31.03 -0.86 0.00
HELLGATE_13_KV_LD 55870	46.78 1.55 0.00	43.31 1.53 0.00	43.74 1.51 0.00	40.38 1.38 0.00	38.70 1.44 0.00	48.09 2.24 0.00	90.96 4.15 0.00	145.76 7.89 0.00	46.89 2.49 -0.16	37.14 1.98 -1.55	35.14 1.76 -0.99	34.09 1.48 -2.76	35.91 1.43 -5.60	36.50 1.26 -12.96	33.04 1.74 -1.01	29.71 1.68 -1.23	32.79 1.86 -1.07	39.20 2.23 -0.95	49.60 2.67 -0.53	76.08 3.99 0.00	77.21 4.15 -1.09	49.00 2.69 -0.32	36.68 1.96 0.00	34.12 1.57 -0.66
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	46.78 1.55 0.00	43.31 1.53 0.00	43.74 1.51 0.00	40.38 1.38 0.00	38.70 1.44 0.00	48.09 2.24 0.00	90.96 4.15 0.00	145.76 7.89 0.00	46.89 2.49 -0.16	37.14 1.98 -1.55	35.14 1.76 -0.99	34.09 1.48 -2.76	35.91 1.43 -5.60	36.50 1.26 -12.96	33.04 1.74 -1.01	29.71 1.68 -1.23	32.79 1.86 -1.07	39.20 2.23 -0.95	49.60 2.67 -0.53	76.08 3.99 0.00	77.21 4.15 -1.09	49.00 2.69 -0.32	36.68 1.96 0.00	34.12 1.57 -0.66
HEMPSTEAD____ 23647	46.62 1.40 0.00	43.26 1.47 0.00	43.60 1.36 0.00	40.20 1.21 0.00	38.59 1.33 0.00	47.84 2.00 0.00	90.02 3.21 0.00	144.14 6.43 0.15	46.17 1.93 0.00	35.17 1.56 0.00	33.89 1.49 0.00	30.96 1.11 0.00	29.91 1.03 0.00	23.12 0.83 0.00	31.59 1.30 0.00	28.19 1.39 0.00	31.51 1.65 0.00	38.00 1.99 0.00	48.79 2.39 0.00	76.08 4.00 0.00	76.03 4.05 0.00	48.60 2.60 0.00	36.58 1.86 0.00	33.38 1.49 0.00
HEWLETT_69_KV_BK3 55828	47.07 1.85 0.00	43.64 1.86 0.00	44.01 1.78 0.00	40.60 1.60 0.00	38.94 1.69 0.00	48.28 2.43 0.00	90.74 3.94 0.00	145.62 7.13 -0.62	46.49 2.26 0.00	35.51 1.90 0.00	34.20 1.80 0.00	31.26 1.41 0.00	30.21 1.33 0.00	23.37 1.08 0.00	31.92 1.62 0.00	28.46 1.66 0.00	31.80 1.94 0.00	38.34 2.32 0.00	49.26 2.86 0.00	76.75 4.66 0.00	76.70 4.72 0.00	49.02 3.03 0.00	36.87 2.16 0.00	33.67 1.77 0.00
HICKLING___1 23621	43.76 -1.46 0.00	40.32 -1.46 0.00	40.44 -1.79 0.00	37.21 -1.79 0.00	35.59 -1.66 0.00	44.68 -1.17 0.00	84.53 -2.27 0.00	139.25 -4.81 -6.19	45.82 -2.04 -3.63	36.06 -1.49 -3.94	33.49 -1.21 -2.30	32.18 -1.16 -3.49	31.18 -1.34 -3.64	24.33 -1.16 -3.20	32.34 -1.52 -3.57	28.86 -1.29 -3.35	32.12 -1.29 -3.55	38.73 -1.50 -4.21	49.02 -2.24 -4.86	75.48 -3.17 -6.56	74.76 -3.38 -6.16	47.99 -2.26 -4.26	35.93 -1.81 -3.02	30.38 -1.62 -0.11
HICKLING___2 23622	43.76 -1.46 0.00	40.32 -1.46 0.00	40.44 -1.79 0.00	37.21 -1.79 0.00	35.59 -1.66 0.00	44.68 -1.17 0.00	84.53 -2.27 0.00	139.25 -4.81 -6.19	45.82 -2.04 -3.63	36.06 -1.49 -3.94	33.49 -1.21 -2.30	32.18 -1.16 -3.49	31.18 -1.34 -3.64	24.33 -1.16 -3.20	32.34 -1.52 -3.57	28.86 -1.29 -3.35	32.12 -1.29 -3.55	38.73 -1.50 -4.21	49.02 -2.24 -4.86	75.48 -3.17 -6.56	74.76 -3.38 -6.16	47.99 -2.26 -4.26	35.93 -1.81 -3.02	30.38 -1.62 -0.11
HIGH FALLS___HY 23754	46.59 1.37 0.00	43.18 1.40 0.00	43.60 1.37 0.00	40.28 1.28 0.00	38.59 1.34 0.00	47.94 2.10 0.00	90.87 4.06 0.00	145.41 7.54 0.00	46.48 2.24 0.00	35.26 1.65 0.00	33.72 1.32 0.00	30.84 0.99 0.00	29.86 0.98 0.00	23.16 0.87 0.00	31.51 1.22 0.00	28.01 1.21 0.00	31.26 1.40 0.00	37.99 1.98 0.00	48.92 2.52 0.00	76.07 3.98 0.00	76.05 4.07 0.00	48.60 2.60 0.00	36.52 1.81 0.00	33.35 1.46 0.00
HIGH_RIVER___SOLAR 323847	46.46 1.24 0.00	42.95 1.16 0.00	43.42 1.19 0.00	40.12 1.12 0.00	38.44 1.19 0.00	48.10 2.26 0.00	91.10 4.29 0.00	144.11 6.24 0.00	45.36 1.12 0.00	33.54 -0.07 0.00	31.90 -0.50 0.00	29.34 -0.51 0.00	28.40 -0.49 0.00	21.98 -0.31 0.00	29.93 -0.36 0.00	26.50 -0.30 0.00	29.61 -0.25 0.00	36.43 0.41 0.00	47.71 1.31 0.00	74.85 2.76 0.00	74.93 2.95 0.00	47.44 1.44 0.00	35.76 1.05 0.00	32.76 0.87 0.00

HILLBURN___GT 23639	46.09 0.87 0.00	42.67 0.89 0.00	43.09 0.86 0.00	39.79 0.79 0.00	38.10 0.84 0.00	47.33 1.48 0.00	89.61 2.80 0.00	143.55 5.68 0.00	45.88 1.65 0.00	34.92 1.31 0.00	33.50 1.11 0.00	30.71 0.86 0.00	29.70 0.82 0.00	23.06 0.77 0.00	31.41 1.12 0.00	27.96 1.16 0.00	31.15 1.29 0.00	37.61 1.59 0.00	48.29 1.89 0.00	75.01 2.92 0.00	75.03 3.05 0.00	47.98 1.99 0.00	36.07 1.35 0.00	32.94 1.05 0.00
HILLSIDE_115KV_TB1 80332	43.58 -1.65 0.00	40.14 -1.65 0.00	40.26 -1.97 0.00	37.09 -1.91 0.00	35.43 -1.82 0.00	44.39 -1.45 0.00	84.02 -2.78 0.00	137.80 -5.38 -5.31	45.15 -2.19 -3.11	35.49 -1.51 -3.39	33.15 -1.22 -1.98	31.72 -1.13 -3.00	30.78 -1.23 -3.13	23.98 -1.05 -2.75	31.95 -1.36 -3.01	28.48 -1.15 -2.83	31.60 -1.26 -3.00	38.08 -1.50 -3.56	48.20 -2.31 -4.11	74.39 -3.32 -5.62	73.97 -3.51 -5.50	47.43 -2.36 -3.81	35.55 -1.87 -2.70	30.34 -1.65 -0.09
HISHELDN_WT_PWR 323625	41.56 -3.66 0.00	38.25 -3.53 0.00	38.25 -3.98 0.00	35.13 -3.87 0.00	33.63 -3.62 0.00	42.48 -3.37 0.00	79.47 -7.34 0.00	65.94 -13.58 58.35	5.68 -4.45 34.11	-6.77 -3.19 37.19	7.72 -2.99 21.70	-5.81 -2.76 32.90	-8.29 -2.84 34.33	-10.19 -2.33 30.15	-8.15 -3.37 35.08	-9.20 -3.03 32.97	-8.24 -3.15 34.95	-9.24 -3.77 41.49	-6.61 -5.15 47.86	-0.96 -7.59 65.46	0.52 -7.72 63.74	-3.04 -4.92 44.11	-0.34 -3.74 31.31	27.39 -3.40 1.11
HOLTSVILLE_IC_1 23690	46.47 1.26 0.00	43.27 1.49 0.00	43.51 1.28 0.00	40.06 1.06 0.00	38.66 1.40 0.00	47.93 2.09 0.00	90.01 3.21 0.00	144.17 6.75 0.45	46.02 1.78 0.00	34.96 1.35 0.00	33.73 1.33 0.00	30.70 0.85 0.00	29.65 0.77 0.00	22.77 0.49 0.01	31.22 0.93 0.00	27.97 1.17 0.00	31.30 1.44 0.00	37.80 1.78 0.00	48.64 2.24 0.00	76.13 4.04 0.00	76.13 4.15 0.00	48.76 2.77 0.00	36.71 1.99 0.00	33.42 1.53 0.00
HOLTSVILLE_IC_10 23699	46.63 1.41 0.00	43.44 1.66 0.00	43.64 1.41 0.00	40.18 1.18 0.00	38.80 1.54 0.00	48.12 2.28 0.00	90.41 3.60 0.00	144.87 7.45 0.45	46.17 1.94 0.00	35.05 1.45 0.00	33.82 1.42 0.00	30.76 0.91 0.00	29.71 0.83 0.00	22.79 0.51 0.01	31.25 0.96 0.00	27.95 1.16 0.00	31.30 1.44 0.00	37.85 1.83 0.00	48.83 2.43 0.00	76.47 4.38 0.00	76.47 4.49 0.00	48.99 3.00 0.00	36.87 2.16 0.00	33.54 1.64 0.00
HOLTSVILLE_IC_2 23691	46.47 1.26 0.00	43.27 1.49 0.00	43.51 1.28 0.00	40.06 1.06 0.00	38.66 1.40 0.00	47.93 2.09 0.00	90.01 3.21 0.00	144.17 6.75 0.45	46.02 1.78 0.00	34.96 1.35 0.00	33.73 1.33 0.00	30.70 0.85 0.00	29.65 0.77 0.00	22.77 0.49 0.01	31.22 0.93 0.00	27.97 1.17 0.00	31.30 1.44 0.00	37.80 1.78 0.00	48.64 2.24 0.00	76.13 4.04 0.00	76.13 4.15 0.00	48.76 2.77 0.00	36.71 1.99 0.00	33.42 1.53 0.00
HOLTSVILLE_IC_3 23692	46.47 1.26 0.00	43.27 1.49 0.00	43.51 1.28 0.00	40.06 1.06 0.00	38.66 1.40 0.00	47.93 2.09 0.00	90.01 3.21 0.00	144.17 6.75 0.45	46.02 1.78 0.00	34.96 1.35 0.00	33.73 1.33 0.00	30.70 0.85 0.00	29.65 0.77 0.00	22.77 0.49 0.01	31.22 0.93 0.00	27.97 1.17 0.00	31.30 1.44 0.00	37.80 1.78 0.00	48.64 2.24 0.00	76.13 4.04 0.00	76.13 4.15 0.00	48.76 2.77 0.00	36.71 1.99 0.00	33.42 1.53 0.00
HOLTSVILLE_IC_4 23693	46.47 1.26 0.00	43.27 1.49 0.00	43.51 1.28 0.00	40.06 1.06 0.00	38.66 1.40 0.00	47.93 2.09 0.00	90.01 3.21 0.00	144.17 6.75 0.45	46.02 1.78 0.00	34.96 1.35 0.00	33.73 1.33 0.00	30.70 0.85 0.00	29.65 0.77 0.00	22.77 0.49 0.01	31.22 0.93 0.00	27.97 1.17 0.00	31.30 1.44 0.00	37.80 1.78 0.00	48.64 2.24 0.00	76.13 4.04 0.00	76.13 4.15 0.00	48.76 2.77 0.00	36.71 1.99 0.00	33.42 1.53 0.00
HOLTSVILLE_IC_5 23694	46.47 1.26 0.00	43.27 1.49 0.00	43.51 1.28 0.00	40.06 1.06 0.00	38.66 1.40 0.00	47.93 2.09 0.00	90.01 3.21 0.00	144.17 6.75 0.45	46.02 1.78 0.00	34.96 1.35 0.00	33.73 1.33 0.00	30.70 0.85 0.00	29.65 0.77 0.00	22.77 0.49 0.01	31.22 0.93 0.00	27.97 1.17 0.00	31.30 1.44 0.00	37.80 1.78 0.00	48.64 2.24 0.00	76.13 4.04 0.00	76.13 4.15 0.00	48.76 2.77 0.00	36.71 1.99 0.00	33.42 1.53 0.00
HOLTSVILLE_IC_6 23695	46.63 1.41 0.00	43.44 1.66 0.00	43.64 1.41 0.00	40.18 1.18 0.00	38.80 1.54 0.00	48.12 2.28 0.00	90.41 3.60 0.00	144.87 7.45 0.45	46.17 1.94 0.00	35.05 1.45 0.00	33.82 1.42 0.00	30.76 0.91 0.00	29.71 0.83 0.00	22.79 0.51 0.01	31.25 0.96 0.00	27.95 1.16 0.00	31.30 1.44 0.00	37.85 1.83 0.00	48.83 2.43 0.00	76.47 4.38 0.00	76.47 4.49 0.00	48.99 3.00 0.00	36.87 2.16 0.00	33.54 1.64 0.00
HOLTSVILLE_IC_7 23696	46.63 1.41 0.00	43.44 1.66 0.00	43.64 1.41 0.00	40.18 1.18 0.00	38.80 1.54 0.00	48.12 2.28 0.00	90.41 3.60 0.00	144.87 7.45 0.45	46.17 1.94 0.00	35.05 1.45 0.00	33.82 1.42 0.00	30.76 0.91 0.00	29.71 0.83 0.00	22.79 0.51 0.01	31.25 0.96 0.00	27.95 1.16 0.00	31.30 1.44 0.00	37.85 1.83 0.00	48.83 2.43 0.00	76.47 4.38 0.00	76.47 4.49 0.00	48.99 3.00 0.00	36.87 2.16 0.00	33.54 1.64 0.00
HOLTSVILLE_IC_8 23697	46.63 1.41 0.00	43.44 1.66 0.00	43.64 1.41 0.00	40.18 1.18 0.00	38.80 1.54 0.00	48.12 2.28 0.00	90.41 3.60 0.00	144.87 7.45 0.45	46.17 1.94 0.00	35.05 1.45 0.00	33.82 1.42 0.00	30.76 0.91 0.00	29.71 0.83 0.00	22.79 0.51 0.01	31.25 0.96 0.00	27.95 1.16 0.00	31.30 1.44 0.00	37.85 1.83 0.00	48.83 2.43 0.00	76.47 4.38 0.00	76.47 4.49 0.00	48.99 3.00 0.00	36.87 2.16 0.00	33.54 1.64 0.00
HOLTSVILLE_IC_9 23698	46.63 1.41 0.00	43.44 1.66 0.00	43.64 1.41 0.00	40.18 1.18 0.00	38.80 1.54 0.00	48.12 2.28 0.00	90.41 3.60 0.00	144.87 7.45 0.45	46.17 1.94 0.00	35.05 1.45 0.00	33.82 1.42 0.00	30.76 0.91 0.00	29.71 0.83 0.00	22.79 0.51 0.01	31.25 0.96 0.00	27.95 1.16 0.00	31.30 1.44 0.00	37.85 1.83 0.00	48.83 2.43 0.00	76.47 4.38 0.00	76.47 4.49 0.00	48.99 3.00 0.00	36.87 2.16 0.00	33.54 1.64 0.00
HOMER_HL_115KV_TB2 355744	44.56 -0.66 0.00	40.95 -0.83 0.00	41.08 -1.15 0.00	37.78 -1.22 0.00	36.13 -1.12 0.00	45.25 -0.60 0.00	84.91 -1.90 0.00	134.86 -6.17 -3.16	43.65 -2.43 -1.85	34.09 -1.53 -2.02	32.28 -1.29 -1.18	30.52 -1.11 -1.78	29.61 -1.13 -1.86	22.90 -1.02 -1.64	28.85 -1.44 0.00	25.45 -1.35 0.00	28.46 -1.40 0.00	34.08 -1.94 0.00	43.47 -2.93 0.00	68.30 -3.79 0.00	68.01 -3.97 0.00	43.32 -2.67 0.00	32.72 -2.00 0.00	30.33 -1.56 0.00
HOWARD_WT_PWR 323690	41.48 -3.74 0.00	38.43 -3.35 0.00	38.29 -3.94 0.00	35.25 -3.75 0.00	33.67 -3.58 0.00	42.23 -3.62 0.00	80.05 -6.75 0.00	162.44 -12.69 -37.27	61.41 -4.61 -21.78	54.12 -3.24 -23.75	43.53 -2.72 -13.85	48.09 -2.76 -21.01	47.38 -3.42 -21.92	38.69 -2.86 -19.25	48.61 -3.94 -22.25	44.26 -3.45 -20.92	48.48 -3.56 -22.18	58.29 -4.06 -26.33	71.26 -5.50 -30.37	105.45 -8.18 -41.54	104.22 -8.21 -40.45	68.78 -5.21 -27.99	50.70 -3.88 -19.87	29.07 -3.52 -0.70

HQ_GEN_CEDARS 23644	46.36 1.14 0.00	42.80 1.02 0.00	43.30 1.07 0.00	39.94 0.94 0.00	37.97 0.72 0.00	46.03 0.19 0.00	87.91 1.10 0.00	138.82 0.95 0.00	44.64 0.41 0.00	33.83 0.22 0.00	32.83 0.44 0.00	30.22 0.37 0.00	29.19 0.31 0.00	22.48 0.09 -0.10	30.40 0.10 0.00	26.83 0.03 0.00	29.90 0.04 0.00	36.20 0.18 0.00	46.97 0.57 0.00	73.06 0.98 0.00	72.90 0.92 0.00	46.53 0.54 0.00	35.07 0.36 0.00	32.27 0.38 0.00
HQ_GEN_CEDARS_PROXY 323590	46.36 1.14 0.00	42.80 1.02 0.00	43.29 1.06 0.00	39.94 0.94 0.00	37.97 0.72 0.00	46.03 0.19 0.00	96.23 1.10 -8.32	138.83 0.96 0.00	44.64 0.41 0.00	33.83 0.22 0.00	32.83 0.43 0.00	30.22 0.37 0.00	29.19 0.31 0.00	22.48 0.09 -0.10	30.40 0.10 0.00	26.83 0.03 0.00	29.90 0.04 0.00	36.20 0.18 0.00	46.97 0.57 0.00	73.06 0.97 0.00	72.90 0.92 0.00	46.53 0.54 0.00	35.07 0.36 0.00	32.76 0.38 -0.49
HQ_GEN_IMPORT 323601	45.88 0.66 0.00	42.37 0.59 0.00	42.86 0.63 0.00	39.55 0.55 0.00	37.64 0.39 0.00	30.90 -0.09 14.85	87.34 0.53 0.00	138.23 0.37 0.00	44.49 0.26 0.00	32.68 0.19 1.12	32.70 0.31 0.00	30.13 0.28 0.00	29.12 0.24 0.00	22.39 0.11 0.00	30.42 0.13 0.00	26.89 0.09 0.00	29.96 0.10 0.00	36.17 0.15 0.00	46.72 0.32 0.00	69.37 0.58 3.29	72.52 0.54 0.00	46.32 0.33 0.00	34.94 0.23 0.00	32.13 0.24 0.00
HQ_GEN_WHEEL 23651	45.88 0.66 0.00	42.37 0.59 0.00	42.86 0.63 0.00	39.55 0.55 0.00	37.64 0.39 0.00	30.90 -0.09 14.85	87.34 0.53 0.00	138.23 0.37 0.00	44.49 0.26 0.00	32.68 0.19 1.12	32.70 0.31 0.00	30.13 0.28 0.00	29.12 0.24 0.00	22.39 0.11 0.00	30.42 0.13 0.00	26.89 0.09 0.00	29.96 0.10 0.00	36.17 0.15 0.00	46.72 0.32 0.00	69.37 0.58 3.29	72.52 0.54 0.00	46.32 0.33 0.00	34.94 0.23 0.00	32.13 0.24 0.00
HUDSON AVE_GT_3 23810	46.66 1.44 0.00	43.19 1.41 0.00	43.60 1.37 0.00	40.27 1.26 0.00	38.58 1.33 0.00	47.96 2.11 0.00	90.74 3.94 0.00	145.43 7.56 0.00	46.58 2.35 0.00	35.49 1.88 0.00	34.06 1.67 0.00	31.23 1.39 0.00	30.23 1.35 0.00	23.49 1.21 0.00	31.95 1.65 0.00	28.40 1.61 0.00	31.63 1.77 0.00	38.13 2.11 0.00	48.95 2.55 0.00	75.95 3.86 0.00	75.89 3.91 0.00	48.52 2.52 0.00	36.55 1.84 0.00	33.37 1.47 0.00
HUDSON AVE_GT_4 23540	46.66 1.44 0.00	43.19 1.41 0.00	43.60 1.37 0.00	40.27 1.26 0.00	38.58 1.33 0.00	47.96 2.11 0.00	90.74 3.94 0.00	145.43 7.56 0.00	46.58 2.35 0.00	35.49 1.88 0.00	34.06 1.67 0.00	31.23 1.39 0.00	30.23 1.35 0.00	23.49 1.21 0.00	31.95 1.65 0.00	28.40 1.61 0.00	31.63 1.77 0.00	38.13 2.11 0.00	48.95 2.55 0.00	75.95 3.86 0.00	75.89 3.91 0.00	48.52 2.52 0.00	36.55 1.84 0.00	33.37 1.47 0.00
HUDSON AVE_GT_5 23657	46.66 1.44 0.00	43.19 1.41 0.00	43.60 1.37 0.00	40.27 1.26 0.00	38.58 1.33 0.00	47.96 2.11 0.00	90.74 3.94 0.00	145.43 7.56 0.00	46.58 2.35 0.00	35.49 1.88 0.00	34.06 1.67 0.00	31.23 1.39 0.00	30.23 1.35 0.00	23.49 1.21 0.00	31.95 1.65 0.00	28.40 1.61 0.00	31.63 1.77 0.00	38.13 2.11 0.00	48.95 2.55 0.00	75.95 3.86 0.00	75.89 3.91 0.00	48.52 2.52 0.00	36.55 1.84 0.00	33.37 1.47 0.00
HUDSON_AVE_10 24168	46.44 1.22 0.00	43.00 1.22 0.00	43.41 1.18 0.00	40.08 1.08 0.00	38.41 1.16 0.00	47.78 1.94 0.00	90.46 3.66 0.00	145.31 7.15 -0.29	46.46 2.23 0.00	35.42 1.81 0.00	33.98 1.59 0.00	31.17 1.32 0.00	30.17 1.29 0.00	23.45 1.16 0.00	31.88 1.58 0.00	28.34 1.55 0.00	31.55 1.69 0.00	37.96 1.94 0.00	48.72 2.31 0.00	75.56 3.48 0.00	75.52 3.54 0.00	48.29 2.30 0.00	36.37 1.65 0.00	33.24 1.34 0.00
HUDSON___115KV_TB 4 355613	46.75 1.53 0.00	43.19 1.41 0.00	43.73 1.50 0.00	40.44 1.44 0.00	38.76 1.50 0.00	48.19 2.35 0.00	90.72 3.91 0.00	144.57 6.70 0.00	46.06 1.82 0.00	34.58 0.97 0.00	33.02 0.62 0.00	30.32 0.47 0.00	29.32 0.44 0.00	22.76 0.47 0.00	30.98 0.69 0.00	27.47 0.67 0.00	30.69 0.83 0.00	37.14 1.12 0.00	48.11 1.71 0.00	74.96 2.87 0.00	74.86 2.88 0.00	47.77 1.78 0.00	36.06 1.35 0.00	33.03 1.14 0.00
HUNTER MOUNT___DRP 323613	47.02 1.80 0.00	43.42 1.64 0.00	43.97 1.74 0.00	40.68 1.68 0.00	38.99 1.73 0.00	48.49 2.65 0.00	91.31 4.50 0.00	145.41 7.54 0.00	46.32 2.09 0.00	34.74 1.13 0.00	33.12 0.72 0.00	30.40 0.56 0.00	29.38 0.50 0.00	22.81 0.52 0.00	31.05 0.76 0.00	27.52 0.72 0.00	30.78 0.92 0.00	37.28 1.26 0.00	48.37 1.97 0.00	75.39 3.30 0.00	75.26 3.28 0.00	48.00 2.01 0.00	36.24 1.52 0.00	33.18 1.30 0.00
HUNTINGTON_RES_REC 323705	46.59 1.37 0.00	43.34 1.56 0.00	43.62 1.39 0.00	40.15 1.16 0.00	38.67 1.42 0.00	47.91 2.06 0.00	90.05 3.24 0.00	144.06 6.64 0.45	46.05 1.82 0.00	35.01 1.40 0.00	33.79 1.39 0.00	30.81 0.96 0.00	29.74 0.86 0.00	22.89 0.61 0.01	31.37 1.07 0.00	28.04 1.25 0.00	31.38 1.52 0.00	37.84 1.82 0.00	48.67 2.26 0.00	76.09 4.00 0.00	76.09 4.11 0.00	48.74 2.75 0.00	36.71 2.00 0.00	33.43 1.55 0.00
HUNTLEY___63 23557	42.83 -2.39 0.00	39.47 -2.32 0.00	39.56 -2.67 0.00	36.40 -2.60 0.00	34.88 -2.37 0.00	43.99 -1.85 0.00	81.72 -5.09 0.00	118.65 -9.51 9.71	35.65 -2.91 5.68	25.39 -2.02 6.20	26.60 -2.19 3.62	22.47 -1.90 5.48	21.26 -1.91 5.72	15.65 -1.62 5.02	22.49 -2.45 5.36	19.35 -2.41 5.03	22.14 -2.38 5.33	26.63 -3.06 6.33	34.96 -4.14 7.30	56.29 -5.84 9.96	56.25 -6.03 9.70	35.48 -3.81 6.71	27.13 -2.83 4.76	29.34 -2.38 0.17
HUNTLEY___64 23558	42.83 -2.39 0.00	39.47 -2.32 0.00	39.56 -2.67 0.00	36.40 -2.60 0.00	34.88 -2.37 0.00	43.99 -1.85 0.00	81.72 -5.09 0.00	118.65 -9.51 9.71	35.65 -2.91 5.68	25.39 -2.02 6.20	26.60 -2.19 3.62	22.47 -1.90 5.48	21.26 -1.91 5.72	15.65 -1.62 5.02	22.49 -2.45 5.36	19.35 -2.41 5.03	22.14 -2.38 5.33	26.63 -3.06 6.33	34.96 -4.14 7.30	56.29 -5.84 9.96	56.25 -6.03 9.70	35.48 -3.81 6.71	27.13 -2.83 4.76	29.34 -2.38 0.17
HUNTLEY___65 23559	42.83 -2.39 0.00	39.47 -2.32 0.00	39.56 -2.67 0.00	36.40 -2.60 0.00	34.88 -2.37 0.00	43.99 -1.85 0.00	81.72 -5.09 0.00	118.65 -9.51 9.71	35.65 -2.91 5.68	25.39 -2.02 6.20	26.60 -2.19 3.62	22.47 -1.90 5.48	21.26 -1.91 5.72	15.65 -1.62 5.02	22.49 -2.45 5.36	19.35 -2.41 5.03	22.14 -2.38 5.33	26.63 -3.06 6.33	34.96 -4.14 7.30	56.29 -5.84 9.96	56.25 -6.03 9.70	35.48 -3.81 6.71	27.13 -2.83 4.76	29.34 -2.38 0.17
HUNTLEY___66 23560	42.83 -2.39 0.00	39.47 -2.32 0.00	39.56 -2.67 0.00	36.40 -2.60 0.00	34.88 -2.37 0.00	43.99 -1.85 0.00	81.72 -5.09 0.00	118.65 -9.51 9.71	35.65 -2.91 5.68	25.39 -2.02 6.20	26.60 -2.19 3.62	22.47 -1.90 5.48	21.26 -1.91 5.72	15.65 -1.62 5.02	22.49 -2.45 5.36	19.35 -2.41 5.03	22.14 -2.38 5.33	26.63 -3.06 6.33	34.96 -4.14 7.30	56.29 -5.84 9.96	56.25 -6.03 9.70	35.48 -3.81 6.71	27.13 -2.83 4.76	29.34 -2.38 0.17



HUNTLEY___67 23561	42.60 -2.62 0.00	39.22 -2.57 0.00	39.35 -2.88 0.00	36.21 -2.79 0.00	34.70 -2.55 0.00	43.75 -2.09 0.00	81.34 -5.47 0.00	118.53 -10.07 9.28	35.72 -3.09 5.43	25.55 -2.14 5.92	26.63 -2.31 3.45	22.62 -1.99 5.23	21.44 -1.98 5.46	15.81 -1.69 4.80	22.65 -2.52 5.12	19.51 -2.47 4.81	22.28 -2.47 5.10	26.78 -3.18 6.06	35.08 -4.33 6.99	56.45 -6.11 9.53	56.41 -6.29 9.28	35.66 -3.92 6.42	27.26 -2.90 4.56	29.25 -2.48 0.16
HUNTLEY___68 23562	42.60 -2.62 0.00	39.22 -2.57 0.00	39.35 -2.88 0.00	36.21 -2.79 0.00	34.70 -2.55 0.00	43.75 -2.09 0.00	81.34 -5.47 0.00	118.53 -10.07 9.28	35.72 -3.09 5.43	25.55 -2.14 5.92	26.63 -2.31 3.45	22.62 -1.99 5.23	21.44 -1.98 5.46	15.81 -1.69 4.80	22.65 -2.52 5.12	19.51 -2.47 4.81	22.28 -2.47 5.10	26.78 -3.18 6.06	35.08 -4.33 6.99	56.45 -6.11 9.53	56.41 -6.29 9.28	35.66 -3.92 6.42	27.26 -2.90 4.56	29.25 -2.48 0.16
HYLAND___LFGE 323620	44.47 -0.75 0.00	40.93 -0.85 0.00	41.10 -1.13 0.00	37.82 -1.18 0.00	36.27 -0.98 0.00	45.62 -0.22 0.00	86.24 -0.56 0.00	176.49 -1.53 -40.15	66.47 -1.23 -23.47	57.47 -1.73 -25.59	45.74 -1.59 -14.93	50.82 -1.66 -22.63	50.65 -1.85 -23.62	41.51 -1.53 -20.75	52.36 -2.17 -24.25	47.64 -1.95 -22.79	52.10 -1.93 -24.16	62.41 -2.29 -28.68	76.49 -3.00 -33.08	114.84 -2.51 -45.27	113.88 -2.18 -44.08	75.17 -1.33 -30.51	55.18 -1.19 -21.65	31.49 -1.17 -0.76
INDECK___CORINTH 23802	46.24 1.02 0.00	42.70 0.91 0.00	43.29 1.06 0.00	40.04 1.05 0.00	38.41 1.16 0.00	47.83 1.99 0.00	89.91 3.10 0.00	143.11 5.24 0.00	45.82 1.58 0.00	34.42 0.81 0.00	32.69 0.29 0.00	29.91 0.07 0.00	28.87 -0.01 0.00	22.37 0.08 0.00	30.57 0.28 0.00	27.11 0.31 0.00	30.51 0.65 0.00	37.05 1.03 0.00	47.58 1.18 0.00	74.18 2.10 0.00	74.36 2.38 0.00	47.37 1.38 0.00	35.76 1.05 0.00	32.86 0.97 0.00
INDECK___ILION 23567	45.08 -0.14 0.00	41.64 -0.14 0.00	42.12 -0.12 0.00	38.94 -0.06 0.00	37.28 0.02 0.00	46.23 0.38 0.00	87.41 0.61 0.00	139.34 1.47 0.00	44.33 0.10 0.00	33.22 -0.39 0.00	31.76 -0.63 0.00	29.08 -0.76 0.00	28.12 -0.76 0.00	21.82 -0.47 0.00	29.73 -0.57 0.00	26.34 -0.46 0.00	29.38 -0.48 0.00	35.84 -0.18 0.00	46.42 0.02 0.00	72.19 0.10 0.00	72.06 0.08 0.00	45.97 -0.03 0.00	34.65 -0.07 0.00	31.74 -0.15 0.00
INDECK___OLEAN 23982	44.57 -0.66 0.00	40.95 -0.83 0.00	41.08 -1.15 0.00	37.78 -1.22 0.00	36.13 -1.12 0.00	45.25 -0.60 0.00	84.91 -1.90 0.00	134.82 -6.21 -3.16	43.68 -2.40 -1.85	34.11 -1.51 -2.02	32.30 -1.28 -1.18	30.54 -1.09 -1.78	29.62 -1.12 -1.86	22.91 -1.02 -1.64	28.86 -1.44 0.00	25.47 -1.32 0.00	28.50 -1.36 0.00	34.13 -1.89 0.00	43.51 -2.89 0.00	68.33 -3.76 0.00	68.04 -3.94 0.00	43.35 -2.64 0.00	32.74 -1.98 0.00	30.32 -1.56 0.00
INDECK___OSWEGO 23783	43.81 -1.41 0.00	40.44 -1.35 0.00	40.80 -1.43 0.00	37.69 -1.31 0.00	36.08 -1.18 0.00	44.68 -1.17 0.00	84.27 -2.54 0.00	133.85 -4.02 0.00	42.84 -1.40 0.00	32.52 -1.10 0.00	31.38 -1.01 0.00	28.88 -0.96 0.00	27.94 -0.95 0.00	21.55 -0.73 0.00	29.28 -1.01 0.00	25.87 -0.93 0.00	28.87 -0.98 0.00	34.84 -1.17 0.00	44.79 -1.61 0.00	69.47 -2.62 0.00	69.32 -2.66 0.00	44.28 -1.71 0.00	33.43 -1.28 0.00	30.74 -1.15 0.00
INDECK___YERKES 23781	42.88 -2.34 0.00	39.52 -2.27 0.00	39.60 -2.63 0.00	36.43 -2.57 0.00	34.92 -2.33 0.00	44.03 -1.81 0.00	81.79 -5.01 0.00	118.83 -9.33 9.71	35.74 -2.81 5.68	25.48 -1.94 6.20	26.67 -2.11 3.62	22.52 -1.85 5.48	21.32 -1.84 5.72	15.70 -1.56 5.02	22.54 -2.39 5.36	19.41 -2.36 5.03	22.23 -2.30 5.33	26.74 -2.95 6.33	35.07 -4.04 7.30	56.40 -5.73 9.96	56.37 -5.91 9.70	35.57 -3.71 6.71	27.19 -2.76 4.76	29.37 -2.35 0.17
INDIAN POINT_GT_1 24139	46.15 0.93 0.00	42.75 0.97 0.00	43.17 0.94 0.00	39.86 0.86 0.00	38.18 0.92 0.00	47.41 1.56 0.00	89.69 2.88 0.00	143.58 5.71 0.00	45.93 1.69 0.00	34.95 1.34 0.00	33.53 1.13 0.00	30.74 0.90 0.00	29.74 0.86 0.00	23.09 0.80 0.00	31.44 1.15 0.00	27.97 1.18 0.00	31.17 1.31 0.00	37.64 1.62 0.00	48.35 1.95 0.00	75.09 3.00 0.00	75.09 3.10 0.00	48.01 2.02 0.00	36.13 1.41 0.00	33.01 1.12 0.00
INDIAN POINT_GT_2 23659	46.15 0.93 0.00	42.75 0.97 0.00	43.17 0.94 0.00	39.86 0.86 0.00	38.18 0.92 0.00	47.41 1.56 0.00	89.69 2.88 0.00	143.58 5.71 0.00	45.93 1.69 0.00	34.95 1.34 0.00	33.53 1.13 0.00	30.74 0.90 0.00	29.74 0.86 0.00	23.09 0.80 0.00	31.44 1.15 0.00	27.97 1.18 0.00	31.17 1.31 0.00	37.64 1.62 0.00	48.35 1.95 0.00	75.09 3.00 0.00	75.09 3.10 0.00	48.01 2.02 0.00	36.13 1.41 0.00	33.01 1.12 0.00
INDIAN POINT_GT_3 24019	46.15 0.93 0.00	42.75 0.97 0.00	43.17 0.94 0.00	39.86 0.86 0.00	38.18 0.92 0.00	47.41 1.56 0.00	89.69 2.88 0.00	143.58 5.71 0.00	45.93 1.69 0.00	34.95 1.34 0.00	33.53 1.13 0.00	30.74 0.90 0.00	29.74 0.86 0.00	23.09 0.80 0.00	31.44 1.15 0.00	27.97 1.18 0.00	31.17 1.31 0.00	37.64 1.62 0.00	48.35 1.95 0.00	75.09 3.00 0.00	75.09 3.10 0.00	48.01 2.02 0.00	36.13 1.41 0.00	33.01 1.12 0.00
INDIAN POINT___2 23530	45.97 0.76 0.00	42.58 0.80 0.00	43.00 0.77 0.00	39.71 0.71 0.00	38.01 0.76 0.00	47.19 1.35 0.00	89.30 2.49 0.00	143.03 5.16 0.00	45.72 1.48 0.00	34.79 1.18 0.00	33.38 0.99 0.00	30.60 0.75 0.00	29.60 0.72 0.00	22.98 0.69 0.00	31.31 1.02 0.00	27.85 1.06 0.00	31.03 1.17 0.00	37.47 1.45 0.00	48.14 1.73 0.00	74.77 2.68 0.00	74.78 2.80 0.00	47.82 1.83 0.00	35.97 1.25 0.00	32.86 0.97 0.00
INDIAN POINT___3 23531	46.18 0.96 0.00	42.75 0.97 0.00	43.19 0.95 0.00	39.88 0.88 0.00	38.19 0.94 0.00	47.42 1.58 0.00	89.70 2.89 0.00	143.60 5.73 0.00	45.95 1.71 0.00	34.97 1.36 0.00	33.55 1.15 0.00	30.77 0.92 0.00	29.77 0.89 0.00	23.12 0.83 0.00	31.47 1.18 0.00	27.99 1.20 0.00	31.20 1.34 0.00	37.66 1.64 0.00	48.36 1.96 0.00	75.11 3.01 0.00	75.11 3.13 0.00	48.02 2.03 0.00	36.15 1.43 0.00	33.03 1.14 0.00
INGHAM_C_115KV_TB7 356103	44.80 -0.42 0.00	41.36 -0.43 0.00	41.87 -0.36 0.00	38.74 -0.26 0.00	37.16 -0.09 0.00	46.33 0.49 0.00	87.56 0.76 0.00	140.02 2.15 0.00	44.07 -0.17 0.00	32.44 -1.17 0.00	30.72 -1.68 0.00	28.13 -1.72 0.00	27.18 -1.70 0.00	21.16 -1.13 0.00	28.87 -1.42 0.00	25.65 -1.15 0.00	28.58 -1.28 0.00	35.42 -0.60 0.00	46.31 -0.09 0.00	72.31 0.22 0.00	72.04 0.06 0.00	45.92 -0.07 0.00	34.60 -0.11 0.00	31.64 -0.25 0.00
IP CORINTH___1 23988	46.49 1.28 0.00	42.91 1.13 0.00	43.52 1.28 0.00	40.27 1.27 0.00	38.61 1.36 0.00	48.08 2.24 0.00	90.40 3.59 0.00	143.89 6.02 0.00	46.06 1.82 0.00	34.60 0.98 0.00	32.87 0.47 0.00	30.07 0.22 0.00	29.02 0.14 0.00	22.48 0.19 0.00	30.72 0.43 0.00	27.24 0.45 0.00	30.66 0.80 0.00	37.23 1.21 0.00	47.82 1.42 0.00	74.58 2.50 0.00	74.74 2.76 0.00	47.60 1.61 0.00	35.94 1.22 0.00	33.03 1.14 0.00

IP___TICONDEROGA 23804	47.61 2.39 0.00	43.90 2.12 0.00	44.67 2.44 0.00	41.34 2.35 0.00	39.68 2.43 0.00	49.84 3.99 0.00	93.20 6.40 0.00	148.03 10.16 0.00	47.46 3.23 0.00	35.57 1.96 0.00	33.53 1.13 0.00	30.61 0.76 0.00	29.41 0.53 0.00	22.72 0.43 0.00	31.18 0.89 0.00	27.81 1.02 0.00	31.55 1.70 0.00	38.50 2.49 0.00	48.83 2.43 0.00	76.78 4.69 0.00	77.20 5.22 0.00	48.80 2.81 0.00	36.96 2.24 0.00	34.19 2.30 0.00
ISLIP_RES_REC 323679	46.78 1.56 0.00	43.56 1.78 0.00	43.76 1.53 0.00	40.29 1.29 0.00	38.91 1.66 0.00	48.29 2.45 0.00	90.78 3.98 0.00	145.48 8.05 0.44	46.34 2.11 0.00	35.17 1.56 0.00	33.91 1.52 0.00	30.85 1.00 0.00	29.77 0.89 0.00	22.84 0.55 0.01	31.32 1.03 0.00	28.03 1.23 0.00	31.40 1.54 0.00	37.99 1.97 0.00	49.02 2.62 0.00	76.79 4.70 0.00	76.76 4.78 0.00	49.17 3.17 0.00	36.98 2.27 0.00	33.63 1.74 0.00
JAMAICA__27_KV_LOAD 355505	46.52 1.30 0.00	43.11 1.33 0.00	43.52 1.29 0.00	40.16 1.16 0.00	38.52 1.26 0.00	47.96 2.12 0.00	91.04 4.23 0.00	146.44 8.21 -0.36	46.84 2.60 0.00	35.73 2.13 0.00	34.27 1.87 0.00	31.41 1.56 0.00	30.43 1.55 0.00	23.67 1.38 0.00	32.16 1.87 0.00	28.61 1.81 0.00	31.82 1.97 0.00	38.11 2.10 0.00	48.83 2.43 0.00	75.81 3.71 0.00	75.60 3.62 0.00	48.36 2.36 0.00	36.41 1.69 0.00	33.35 1.46 0.00
JANIS___SOLAR 323808	45.90 0.68 0.00	42.39 0.60 0.00	42.87 0.64 0.00	39.62 0.62 0.00	37.99 0.74 0.00	47.41 1.56 0.00	89.92 3.11 0.00	145.69 4.92 -2.91	46.63 0.70 -1.70	35.32 -0.15 -1.85	33.27 -0.21 -1.08	31.05 -0.44 -1.64	30.04 -0.56 -1.71	23.26 -0.53 -1.51	31.17 -0.80 -1.68	27.67 -0.70 -1.58	31.29 -0.24 -1.67	38.16 0.15 -1.99	49.18 0.49 -2.29	76.17 0.95 -3.13	75.70 0.67 -3.04	48.37 0.28 -2.11	36.22 0.01 -1.49	31.85 -0.09 -0.05
JARVIS____ 23743	45.13 -0.09 0.00	41.70 -0.08 0.00	42.17 -0.06 0.00	38.96 -0.04 0.00	37.25 0.00 0.00	46.02 0.17 0.00	87.00 0.19 0.00	138.41 0.55 0.00	44.35 0.11 0.00	33.64 0.03 0.00	32.35 -0.04 0.00	29.64 -0.20 0.00	28.67 -0.21 0.00	22.21 -0.08 0.00	30.22 -0.07 0.00	26.74 -0.05 0.00	29.82 -0.04 0.00	36.04 0.03 0.00	46.43 0.03 0.00	72.00 -0.09 0.00	71.93 -0.05 0.00	45.94 -0.06 0.00	34.65 -0.06 0.00	31.78 -0.11 0.00
JENNISON___1 23625	45.28 0.06 0.00	41.92 0.14 0.00	42.63 0.39 0.00	39.48 0.49 0.00	37.88 0.63 0.00	47.26 1.42 0.00	89.50 2.70 0.00	142.42 4.55 0.00	44.82 0.58 0.00	33.74 0.13 0.00	32.74 0.34 0.00	29.97 0.12 0.00	28.81 -0.07 0.00	22.09 -0.20 0.00	29.82 -0.47 0.00	26.39 -0.41 0.00	29.74 -0.11 0.00	36.17 0.15 0.00	46.56 0.16 0.00	71.86 -0.23 0.00	71.03 -0.94 0.00	45.25 -0.75 0.00	33.99 -0.73 0.00	31.11 -0.78 0.00
JENNISON___2 23626	45.28 0.06 0.00	41.92 0.14 0.00	42.63 0.39 0.00	39.48 0.49 0.00	37.88 0.63 0.00	47.26 1.42 0.00	89.50 2.70 0.00	142.42 4.55 0.00	44.82 0.58 0.00	33.74 0.13 0.00	32.74 0.34 0.00	29.97 0.12 0.00	28.81 -0.07 0.00	22.09 -0.20 0.00	29.82 -0.47 0.00	26.39 -0.41 0.00	29.74 -0.11 0.00	36.17 0.15 0.00	46.56 0.16 0.00	71.86 -0.23 0.00	71.03 -0.94 0.00	45.25 -0.75 0.00	33.99 -0.73 0.00	31.11 -0.78 0.00
JERICHO_RISE_WT_PWR 323719	46.80 1.59 0.00	43.14 1.36 0.00	43.68 1.45 0.00	40.20 1.20 0.00	38.12 0.87 0.00	46.11 0.27 0.00	87.88 1.07 0.00	138.78 0.91 0.00	44.46 0.22 0.00	33.71 0.10 0.00	32.77 0.37 0.00	30.13 0.29 0.00	28.85 -0.04 0.00	19.17 -0.47 2.66	29.77 -0.52 0.00	26.38 -0.41 0.00	29.28 -0.58 0.00	35.65 -0.37 0.00	46.58 0.18 0.00	72.93 0.84 0.00	72.84 0.86 0.00	45.94 -0.06 0.00	34.35 -0.37 0.00	31.50 -0.39 0.00
KATONAH___115KV_46KV_TB4 355592	46.62 1.40 0.00	43.17 1.38 0.00	43.60 1.36 0.00	40.28 1.28 0.00	38.59 1.34 0.00	47.98 2.14 0.00	90.81 4.01 0.00	145.31 7.45 0.00	46.51 2.27 0.00	35.37 1.75 0.00	33.91 1.51 0.00	31.08 1.23 0.00	30.06 1.18 0.00	23.33 1.04 0.00	31.76 1.47 0.00	28.24 1.44 0.00	31.48 1.62 0.00	38.01 2.00 0.00	48.85 2.45 0.00	75.92 3.83 0.00	75.89 3.90 0.00	48.48 2.49 0.00	36.50 1.78 0.00	33.34 1.45 0.00
KCE_NY_1 323755	46.86 1.64 0.00	43.27 1.49 0.00	43.84 1.61 0.00	40.56 1.56 0.00	38.90 1.64 0.00	48.39 2.54 0.00	91.05 4.24 0.00	144.83 6.96 0.00	46.24 2.01 0.00	34.88 1.27 0.00	33.23 0.83 0.00	30.44 0.59 0.00	29.40 0.52 0.00	22.79 0.50 0.00	31.18 0.89 0.00	27.60 0.80 0.00	30.96 1.10 0.00	37.58 1.56 0.00	48.34 1.94 0.00	75.33 3.24 0.00	75.34 3.36 0.00	48.01 2.01 0.00	36.24 1.53 0.00	33.27 1.38 0.00
KCE_NY_6_ESR 323823	43.12 -2.10 0.00	39.72 -2.07 0.00	39.80 -2.43 0.00	36.60 -2.40 0.00	35.06 -2.20 0.00	44.34 -1.51 0.00	82.51 -4.29 0.00	121.25 -8.09 8.53	36.82 -2.43 4.99	26.52 -1.65 5.44	27.43 -1.79 3.17	23.44 -1.59 4.81	22.23 -1.63 5.02	16.45 -1.43 4.41	23.77 -2.14 4.39	20.60 -2.08 4.12	23.48 -2.01 4.37	28.25 -2.58 5.18	36.80 -3.62 5.98	58.95 -4.97 8.16	58.92 -5.11 7.95	37.29 -3.20 5.50	28.38 -2.43 3.90	29.64 -2.11 0.14
KEDC_PORT_JEFF_GT2 24210	46.65 1.43 0.00	43.44 1.66 0.00	43.66 1.42 0.00	40.18 1.19 0.00	38.80 1.54 0.00	48.12 2.28 0.00	90.43 3.63 0.00	144.87 7.45 0.45	46.02 1.79 0.00	34.94 1.33 0.00	33.71 1.32 0.00	30.77 0.92 0.00	29.71 0.84 0.00	22.80 0.52 0.01	31.27 0.98 0.00	28.00 1.21 0.00	31.36 1.50 0.00	37.90 1.89 0.00	48.70 2.30 0.00	76.25 4.15 0.00	76.26 4.27 0.00	49.01 3.02 0.00	36.88 2.16 0.00	33.54 1.65 0.00
KEDC_PORT_JEFF_GT3 24211	46.65 1.43 0.00	43.44 1.66 0.00	43.66 1.42 0.00	40.18 1.19 0.00	38.80 1.54 0.00	48.12 2.28 0.00	90.43 3.63 0.00	144.87 7.45 0.45	46.02 1.79 0.00	34.94 1.33 0.00	33.71 1.32 0.00	30.77 0.92 0.00	29.71 0.84 0.00	22.80 0.52 0.01	31.27 0.98 0.00	28.00 1.21 0.00	31.36 1.50 0.00	37.90 1.89 0.00	48.70 2.30 0.00	76.25 4.15 0.00	76.26 4.27 0.00	49.01 3.02 0.00	36.88 2.16 0.00	33.54 1.65 0.00
KEDC_GLWD_GT4 24219	46.90 1.68 0.00	43.51 1.73 0.00	43.86 1.63 0.00	40.44 1.44 0.00	38.82 1.57 0.00	48.14 2.29 0.00	90.64 3.84 0.00	145.26 7.41 0.02	46.49 2.25 0.00	35.40 1.79 0.00	34.10 1.70 0.00	31.17 1.32 0.00	30.11 1.23 0.00	23.29 1.01 0.00	31.80 1.51 0.00	28.38 1.58 0.00	31.71 1.85 0.00	38.25 2.24 0.00	49.09 2.70 0.00	76.52 4.43 0.00	76.47 4.49 0.00	48.88 2.88 0.00	36.79 2.07 0.00	33.57 1.68 0.00
KEDC_GLWD_GT5 24220	46.90 1.68 0.00	43.51 1.73 0.00	43.86 1.63 0.00	40.44 1.44 0.00	38.82 1.57 0.00	48.14 2.29 0.00	90.64 3.84 0.00	145.26 7.41 0.02	46.49 2.25 0.00	35.40 1.79 0.00	34.10 1.70 0.00	31.17 1.32 0.00	30.11 1.23 0.00	23.29 1.01 0.00	31.80 1.51 0.00	28.38 1.58 0.00	31.71 1.85 0.00	38.25 2.24 0.00	49.09 2.70 0.00	76.52 4.43 0.00	76.47 4.49 0.00	48.88 2.88 0.00	36.79 2.07 0.00	33.57 1.68 0.00

KENSICO____ 23655	46.41 1.19 0.00	42.96 1.18 0.00	43.39 1.15 0.00	40.06 1.06 0.00	38.37 1.12 0.00	47.68 1.84 0.00	90.17 3.36 0.00	144.37 6.50 0.00	46.21 1.98 0.00	35.19 1.57 0.00	33.76 1.36 0.00	30.96 1.11 0.00	29.95 1.07 0.00	23.25 0.97 0.00	31.66 1.37 0.00	28.16 1.36 0.00	31.38 1.52 0.00	37.87 1.85 0.00	48.63 2.23 0.00	75.50 3.42 0.00	75.48 3.50 0.00	48.26 2.27 0.00	36.34 1.63 0.00	33.20 1.31 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	46.66 1.44 0.00	43.26 1.47 0.00	43.69 1.46 0.00	40.36 1.36 0.00	38.67 1.41 0.00	48.05 2.21 0.00	91.04 4.24 0.00	145.58 7.72 0.00	46.52 2.28 0.00	35.25 1.65 0.00	33.71 1.31 0.00	30.84 0.99 0.00	29.85 0.97 0.00	23.14 0.85 0.00	31.50 1.20 0.00	27.99 1.19 0.00	31.26 1.40 0.00	38.02 2.00 0.00	48.95 2.55 0.00	76.14 4.06 0.00	76.10 4.12 0.00	48.61 2.62 0.00	36.55 1.84 0.00	33.39 1.50 0.00
KIAC_JFK_GT1 23816	46.28 1.06 0.00	42.87 1.09 0.00	43.29 1.06 0.00	39.96 0.96 0.00	38.31 1.06 0.00	47.69 1.85 0.00	90.46 3.65 0.00	145.46 7.23 -0.36	46.54 2.30 0.00	35.54 1.93 0.00	34.07 1.68 0.00	31.25 1.41 0.00	30.26 1.38 0.00	23.54 1.25 0.00	31.99 1.69 0.00	28.45 1.65 0.00	31.65 1.79 0.00	37.88 1.86 0.00	48.54 2.14 0.00	75.31 3.22 0.00	75.14 3.16 0.00	48.09 2.10 0.00	36.21 1.49 0.00	33.17 1.28 0.00
KIAC_JFK_GT2 23817	46.28 1.06 0.00	42.87 1.09 0.00	43.29 1.06 0.00	39.96 0.96 0.00	38.31 1.06 0.00	47.69 1.85 0.00	90.46 3.65 0.00	145.46 7.23 -0.36	46.54 2.30 0.00	35.54 1.93 0.00	34.07 1.68 0.00	31.25 1.41 0.00	30.26 1.38 0.00	23.54 1.25 0.00	31.99 1.69 0.00	28.45 1.65 0.00	31.65 1.79 0.00	37.88 1.86 0.00	48.54 2.14 0.00	75.31 3.22 0.00	75.14 3.16 0.00	48.09 2.10 0.00	36.21 1.49 0.00	33.17 1.28 0.00
KIAC_JFK____ 323774	46.28 1.07 0.00	42.87 1.09 0.00	43.29 1.06 0.00	39.96 0.96 0.00	38.31 1.06 0.00	47.69 1.85 0.00	90.46 3.65 0.00	145.46 7.23 -0.36	46.54 2.30 0.00	35.54 1.93 0.00	34.09 1.69 0.00	31.25 1.41 0.00	30.26 1.38 0.00	23.54 1.25 0.00	31.98 1.69 0.00	28.45 1.65 0.00	31.64 1.78 0.00	37.87 1.85 0.00	48.53 2.13 0.00	75.28 3.19 0.00	75.13 3.14 0.00	48.08 2.08 0.00	36.20 1.49 0.00	33.18 1.29 0.00
KINTIGH____ 23543	42.70 -2.52 0.00	39.35 -2.43 0.00	39.55 -2.69 0.00	36.42 -2.58 0.00	34.89 -2.36 0.00	43.78 -2.06 0.00	81.57 -5.24 0.00	121.57 -9.28 7.03	37.22 -2.91 4.11	27.07 -2.06 4.48	27.60 -2.19 2.61	24.02 -1.87 3.96	22.90 -1.85 4.13	17.12 -1.54 3.63	23.95 -2.34 4.01	20.76 -2.28 3.77	23.58 -2.29 3.99	28.32 -2.96 4.74	36.93 -4.00 5.47	58.89 -5.74 7.46	58.80 -5.91 7.26	37.30 -3.67 5.02	28.45 -2.70 3.57	29.44 -2.33 0.13
KNTFSRNC_46_KV_46KV_LOAD 80397	47.74 2.52 0.00	44.01 2.23 0.00	44.59 2.36 0.00	40.98 1.98 0.00	38.87 1.61 0.00	47.07 1.22 0.00	89.41 2.60 0.00	140.69 2.82 0.00	45.01 0.78 0.00	34.03 0.42 0.00	33.14 0.74 0.00	30.38 0.53 0.00	29.08 0.20 0.00	19.32 -0.44 2.53	29.81 -0.48 0.00	26.38 -0.42 0.00	29.17 -0.69 0.00	35.72 -0.30 0.00	46.89 0.49 0.00	73.95 1.86 0.00	73.87 1.89 0.00	46.39 0.40 0.00	34.65 -0.06 0.00	31.65 -0.24 0.00
LACHUTE__HYDRO 323717	47.61 2.39 0.00	43.90 2.12 0.00	44.67 2.44 0.00	41.34 2.34 0.00	39.68 2.43 0.00	49.83 3.99 0.00	93.21 6.40 0.00	148.03 10.16 0.00	47.46 3.22 0.00	35.57 1.96 0.00	33.53 1.13 0.00	30.61 0.76 0.00	29.41 0.53 0.00	22.71 0.43 0.00	31.18 0.88 0.00	27.81 1.01 0.00	31.55 1.69 0.00	38.50 2.48 0.00	48.83 2.43 0.00	76.78 4.69 0.00	77.20 5.22 0.00	48.80 2.81 0.00	36.96 2.24 0.00	34.19 2.30 0.00
LAWRNCV_115KV_TB1 80681	45.93 0.71 0.00	42.39 0.60 0.00	42.88 0.65 0.00	39.56 0.56 0.00	37.60 0.35 0.00	45.55 -0.29 0.00	87.20 0.39 0.00	137.79 -0.08 0.00	44.22 -0.02 0.00	33.35 -0.26 0.00	32.36 -0.03 0.00	29.73 -0.11 0.00	28.70 -0.18 0.00	22.24 -0.35 -0.30	29.82 -0.47 0.00	26.31 -0.49 0.00	29.36 -0.50 0.00	35.70 -0.32 0.00	46.54 0.14 0.00	72.36 0.27 0.00	72.20 0.22 0.00	45.99 0.00 0.00	34.62 -0.10 0.00	31.83 -0.06 0.00
LEDERLE____ 23769	46.25 1.04 0.00	42.82 1.04 0.00	43.23 1.00 0.00	39.93 0.93 0.00	38.24 0.99 0.00	47.61 1.76 0.00	90.15 3.35 0.00	144.45 6.58 0.00	46.17 1.94 0.00	35.13 1.52 0.00	33.71 1.31 0.00	30.89 1.05 0.00	29.89 1.00 0.00	23.19 0.91 0.00	31.60 1.31 0.00	28.12 1.33 0.00	31.36 1.50 0.00	37.83 1.81 0.00	48.49 2.08 0.00	75.31 3.22 0.00	75.31 3.33 0.00	48.16 2.17 0.00	36.21 1.49 0.00	33.07 1.17 0.00
LIGHTHSE_115KV_TB6 355974	43.97 -1.25 0.00	40.55 -1.23 0.00	40.90 -1.33 0.00	37.82 -1.18 0.00	36.17 -1.08 0.00	44.86 -0.98 0.00	85.00 -1.81 0.00	135.07 -2.80 0.00	43.12 -1.12 0.00	32.45 -1.16 0.00	31.22 -1.18 0.00	28.56 -1.29 0.00	27.56 -1.32 0.00	21.21 -1.14 -0.06	28.77 -1.52 0.00	25.45 -1.35 0.00	28.56 -1.30 0.00	35.05 -0.97 0.00	45.30 -1.10 0.00	69.85 -2.24 0.00	69.62 -2.36 0.00	44.35 -1.64 0.00	33.38 -1.33 0.00	30.62 -1.27 0.00
LINDEN COGEN____ 23786	46.30 1.08 0.00	42.88 1.09 0.00	43.28 1.05 0.00	39.98 0.98 0.00	38.29 1.04 0.00	47.60 1.75 0.00	90.00 3.19 0.00	144.28 6.41 0.00	46.18 1.95 0.00	35.20 1.59 0.00	33.76 1.37 0.00	30.97 1.12 0.00	29.97 1.09 0.00	23.32 1.03 0.00	31.68 1.39 0.00	28.18 1.38 0.00	31.36 1.50 0.00	37.82 1.80 0.00	48.56 2.16 0.00	75.31 3.22 0.00	75.29 3.31 0.00	48.17 2.18 0.00	36.27 1.56 0.00	33.11 1.22 0.00
LINDHRST_69_KV_BK1 356055	46.98 1.76 0.00	43.63 1.84 0.00	43.94 1.70 0.00	40.48 1.48 0.00	38.91 1.66 0.00	48.29 2.44 0.00	90.82 4.02 0.00	145.34 7.84 0.37	46.51 2.28 0.00	35.37 1.76 0.00	34.09 1.69 0.00	31.08 1.23 0.00	30.00 1.12 0.00	23.13 0.85 0.01	31.67 1.38 0.00	28.30 1.50 0.00	31.67 1.81 0.00	38.23 2.21 0.00	49.19 2.79 0.00	76.89 4.80 0.00	76.87 4.89 0.00	49.15 3.16 0.00	36.97 2.25 0.00	33.70 1.81 0.00
LIPA_MISC_IPP 23656	46.28 1.06 0.00	43.19 1.40 0.00	43.34 1.10 0.00	39.90 0.90 0.00	38.59 1.33 0.00	47.86 2.02 0.00	89.74 2.93 0.00	144.07 6.65 0.45	45.84 1.61 0.00	34.78 1.17 0.00	33.60 1.20 0.00	30.47 0.62 0.00	29.47 0.59 0.00	22.52 0.24 0.01	30.92 0.63 0.00	27.79 1.00 0.00	31.12 1.26 0.00	37.62 1.60 0.00	48.48 2.08 0.00	76.00 3.91 0.00	76.02 4.04 0.00	48.72 2.73 0.00	36.67 1.95 0.00	33.32 1.43 0.00
LISF__SOLAR 323691	46.33 1.12 0.00	43.25 1.47 0.00	43.38 1.15 0.00	39.95 0.95 0.00	38.65 1.39 0.00	47.95 2.11 0.00	89.91 3.10 0.00	144.29 6.87 0.45	45.90 1.67 0.00	34.79 1.18 0.00	33.60 1.20 0.00	30.45 0.60 0.00	29.45 0.57 0.00	22.50 0.22 0.01	30.89 0.60 0.00	27.78 0.98 0.00	31.12 1.26 0.00	37.64 1.62 0.00	48.55 2.15 0.00	76.14 4.05 0.00	76.15 4.17 0.00	48.80 2.81 0.00	36.72 2.01 0.00	33.38 1.49 0.00

LITTLE FALLS___HYD 24013	44.80 -0.42 0.00	41.36 -0.43 0.00	41.87 -0.36 0.00	38.74 -0.26 0.00	37.16 -0.09 0.00	46.33 0.49 0.00	87.56 0.76 0.00	140.02 2.15 0.00	44.07 -0.17 0.00	32.44 -1.17 0.00	30.72 -1.68 0.00	28.13 -1.72 0.00	27.18 -1.70 0.00	21.16 -1.13 0.00	28.87 -1.42 0.00	25.65 -1.15 0.00	28.58 -1.28 0.00	35.42 -0.60 0.00	46.31 -0.09 0.00	72.31 0.22 0.00	72.04 0.06 0.00	45.92 -0.07 0.00	34.60 -0.11 0.00	31.64 -0.25 0.00
LITTLRIV_115KV_TB1 356100	46.74 1.53 0.00	43.11 1.33 0.00	43.62 1.39 0.00	40.24 1.24 0.00	38.25 0.99 0.00	46.35 0.51 0.00	88.93 2.12 0.00	140.39 2.53 0.00	44.87 0.63 0.00	33.61 0.00 0.00	32.57 0.17 0.00	29.95 0.10 0.00	28.93 0.05 0.00	22.42 -0.20 -0.34	30.04 -0.25 0.00	26.47 -0.33 0.00	29.58 -0.28 0.00	35.97 -0.05 0.00	47.28 0.88 0.00	73.69 1.60 0.00	73.53 1.55 0.00	46.82 0.83 0.00	35.23 0.51 0.00	32.38 0.49 0.00
LI_NEWBRDGE___DRP 323616	46.46 1.24 0.00	43.13 1.35 0.00	43.47 1.24 0.00	40.08 1.09 0.00	38.49 1.24 0.00	47.71 1.87 0.00	89.84 3.03 0.00	143.45 6.13 0.55	46.05 1.82 0.00	35.08 1.47 0.00	33.79 1.39 0.00	30.88 1.03 0.00	29.83 0.96 0.00	23.07 0.78 0.01	31.52 1.23 0.00	28.12 1.32 0.00	31.41 1.55 0.00	37.87 1.85 0.00	48.64 2.23 0.00	75.80 3.71 0.00	75.76 3.78 0.00	48.45 2.46 0.00	36.49 1.77 0.00	33.29 1.40 0.00
LOCKPORT_115KV_TB60_63_64 80432	42.33 -2.89 0.00	38.96 -2.82 0.00	39.08 -3.15 0.00	35.96 -3.04 0.00	34.48 -2.77 0.00	43.45 -2.39 0.00	80.65 -6.16 0.00	116.01 -11.29 10.57	34.57 -3.49 6.18	24.33 -2.54 6.74	25.79 -2.68 3.93	21.49 -2.40 5.96	20.29 -2.38 6.22	14.86 -1.98 5.46	21.37 -2.94 5.98	18.34 -2.83 5.62	21.06 -2.84 5.96	25.35 -3.60 7.07	33.43 -4.82 8.16	54.08 -6.87 11.14	54.11 -7.03 10.85	34.16 -4.33 7.50	26.19 -3.20 5.33	29.00 -2.70 0.19
LOCKPORT___CC1 323769	42.26 -2.96 0.00	38.91 -2.87 0.00	39.03 -3.21 0.00	35.91 -3.09 0.00	34.43 -2.82 0.00	43.39 -2.46 0.00	80.54 -6.27 0.00	114.01 -11.39 12.46	33.44 -3.50 7.29	23.14 -2.52 7.95	25.11 -2.66 4.64	20.44 -2.38 7.03	19.21 -2.34 7.33	13.90 -1.95 6.44	20.22 -2.93 7.14	17.27 -2.81 6.72	19.94 -2.80 7.12	24.03 -3.54 8.45	31.85 -4.80 9.75	51.88 -6.90 13.32	51.95 -7.06 12.96	32.68 -4.34 8.97	25.14 -3.21 6.37	28.92 -2.75 0.22
LOCKPORT___CC2 323770	42.26 -2.96 0.00	38.91 -2.87 0.00	39.03 -3.21 0.00	35.91 -3.09 0.00	34.43 -2.82 0.00	43.39 -2.46 0.00	80.54 -6.27 0.00	114.01 -11.39 12.46	33.44 -3.50 7.29	23.14 -2.52 7.95	25.11 -2.66 4.64	20.44 -2.38 7.03	19.21 -2.34 7.33	13.90 -1.95 6.44	20.22 -2.93 7.14	17.27 -2.81 6.72	19.94 -2.80 7.12	24.03 -3.54 8.45	31.85 -4.80 9.75	51.88 -6.90 13.32	51.95 -7.06 12.96	32.68 -4.34 8.97	25.14 -3.21 6.37	28.92 -2.75 0.22
LOCKPORT___CC3 323771	42.26 -2.96 0.00	38.91 -2.87 0.00	39.03 -3.21 0.00	35.91 -3.09 0.00	34.43 -2.82 0.00	43.39 -2.46 0.00	80.54 -6.27 0.00	114.01 -11.39 12.46	33.44 -3.50 7.29	23.14 -2.52 7.95	25.11 -2.66 4.64	20.44 -2.38 7.03	19.21 -2.34 7.33	13.90 -1.95 6.44	20.22 -2.93 7.14	17.27 -2.81 6.72	19.94 -2.80 7.12	24.03 -3.54 8.45	31.85 -4.80 9.75	51.88 -6.90 13.32	51.95 -7.06 12.96	32.68 -4.34 8.97	25.14 -3.21 6.37	28.92 -2.75 0.22
LONG_LAKE_PHOENIX 24014	43.87 -1.35 0.00	40.50 -1.29 0.00	40.87 -1.36 0.00	37.73 -1.27 0.00	36.13 -1.13 0.00	44.77 -1.07 0.00	84.47 -2.34 0.00	134.13 -3.74 0.00	42.92 -1.32 0.00	32.57 -1.04 0.00	31.42 -0.98 0.00	28.93 -0.91 0.00	27.98 -0.90 0.00	21.59 -0.70 0.00	29.32 -0.97 0.00	25.91 -0.88 0.00	28.99 -0.87 0.00	34.93 -1.09 0.00	44.86 -1.54 0.00	69.64 -2.44 0.00	69.48 -2.51 0.00	44.40 -1.59 0.00	33.50 -1.22 0.00	30.81 -1.08 0.00
LOVETT___3 23632	46.09 0.87 0.00	42.67 0.89 0.00	43.10 0.87 0.00	39.80 0.80 0.00	38.10 0.85 0.00	47.31 1.47 0.00	89.52 2.71 0.00	143.37 5.50 0.00	45.85 1.62 0.00	34.89 1.28 0.00	33.48 1.09 0.00	30.70 0.85 0.00	29.69 0.81 0.00	23.06 0.77 0.00	31.40 1.11 0.00	27.94 1.14 0.00	31.13 1.27 0.00	37.58 1.56 0.00	48.27 1.87 0.00	74.95 2.87 0.00	74.97 2.99 0.00	47.94 1.95 0.00	36.07 1.35 0.00	32.94 1.05 0.00
LOVETT___4 23642	46.09 0.87 0.00	42.67 0.89 0.00	43.10 0.87 0.00	39.80 0.80 0.00	38.10 0.85 0.00	47.31 1.47 0.00	89.52 2.71 0.00	143.37 5.50 0.00	45.85 1.62 0.00	34.89 1.28 0.00	33.48 1.09 0.00	30.70 0.85 0.00	29.69 0.81 0.00	23.06 0.77 0.00	31.40 1.11 0.00	27.94 1.14 0.00	31.13 1.27 0.00	37.58 1.56 0.00	48.27 1.87 0.00	74.95 2.87 0.00	74.97 2.99 0.00	47.94 1.95 0.00	36.07 1.35 0.00	32.94 1.05 0.00
LOVETT___5 23593	46.09 0.87 0.00	42.67 0.89 0.00	43.10 0.87 0.00	39.80 0.80 0.00	38.10 0.85 0.00	47.31 1.47 0.00	89.52 2.71 0.00	143.37 5.50 0.00	45.85 1.62 0.00	34.89 1.28 0.00	33.48 1.09 0.00	30.70 0.85 0.00	29.69 0.81 0.00	23.06 0.77 0.00	31.40 1.11 0.00	27.94 1.14 0.00	31.13 1.27 0.00	37.58 1.56 0.00	48.27 1.87 0.00	74.95 2.87 0.00	74.97 2.99 0.00	47.94 1.95 0.00	36.07 1.35 0.00	32.94 1.05 0.00
LOWER RAQUET___HYD 24057	45.80 0.58 0.00	42.24 0.46 0.00	42.74 0.51 0.00	39.43 0.43 0.00	37.48 0.23 0.00	45.40 -0.44 0.00	86.98 0.17 0.00	137.44 -0.43 0.00	44.07 -0.17 0.00	33.20 -0.41 0.00	32.20 -0.19 0.00	29.57 -0.27 0.00	28.54 -0.34 0.00	22.16 -0.49 -0.37	29.63 -0.66 0.00	26.14 -0.66 0.00	29.18 -0.67 0.00	35.53 -0.49 0.00	46.40 0.00 0.00	72.14 0.05 0.00	71.97 -0.01 0.00	45.83 -0.16 0.00	34.47 -0.24 0.00	31.68 -0.21 0.00
LOWER___HUDSON 24059	46.13 0.91 0.00	42.64 0.85 0.00	43.22 0.99 0.00	39.97 0.97 0.00	38.30 1.05 0.00	47.57 1.73 0.00	89.24 2.44 0.00	142.16 4.29 0.00	45.55 1.32 0.00	34.51 0.90 0.00	32.96 0.56 0.00	30.26 0.42 0.00	29.25 0.37 0.00	22.70 0.41 0.00	30.94 0.65 0.00	27.44 0.65 0.00	30.68 0.82 0.00	37.05 1.03 0.00	47.63 1.23 0.00	74.02 1.93 0.00	74.01 2.02 0.00	47.31 1.32 0.00	35.80 1.08 0.00	32.85 0.96 0.00
LOWVILLE_115KV_TB2 356335	44.75 -0.47 0.00	41.10 -0.68 0.00	41.51 -0.73 0.00	38.42 -0.58 0.00	36.64 -0.62 0.00	45.28 -0.57 0.00	86.69 -0.11 0.00	138.14 0.27 0.00	44.10 -0.14 0.00	32.82 -0.79 0.00	31.50 -0.90 0.00	28.62 -1.23 0.00	27.52 -1.36 0.00	21.13 -1.27 -0.12	28.72 -1.57 0.00	25.35 -1.45 0.00	28.50 -1.36 0.00	35.58 -0.44 0.00	46.65 0.25 0.00	70.98 -1.10 0.00	70.88 -1.10 0.00	44.81 -1.18 0.00	33.55 -1.17 0.00	30.64 -1.25 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	46.86 1.64 0.00	43.29 1.51 0.00	43.86 1.63 0.00	40.57 1.57 0.00	38.89 1.64 0.00	48.36 2.52 0.00	90.96 4.16 0.00	144.71 6.84 0.00	46.24 2.01 0.00	34.87 1.26 0.00	33.22 0.82 0.00	30.45 0.60 0.00	29.41 0.53 0.00	22.80 0.51 0.00	31.15 0.86 0.00	27.59 0.79 0.00	30.96 1.10 0.00	37.54 1.52 0.00	48.30 1.90 0.00	75.25 3.16 0.00	75.26 3.28 0.00	48.00 2.00 0.00	36.25 1.53 0.00	33.28 1.38 0.00

LUTHERNY_35_KV_BK2 355980	46.86 1.64 0.00	43.28 1.50 0.00	43.84 1.61 0.00	40.56 1.56 0.00	38.90 1.64 0.00	48.39 2.54 0.00	91.05 4.24 0.00	144.84 6.97 0.00	46.25 2.01 0.00	34.88 1.27 0.00	33.23 0.84 0.00	30.44 0.59 0.00	29.40 0.53 0.00	22.80 0.51 0.00	31.18 0.89 0.00	27.60 0.80 0.00	30.96 1.10 0.00	37.58 1.56 0.00	48.34 1.94 0.00	75.33 3.24 0.00	75.34 3.36 0.00	48.01 2.01 0.00	36.25 1.53 0.00	33.27 1.38 0.00
LWR___OSWEGATCHIE_HYD 23850	44.83 -0.38 0.00	41.28 -0.50 0.00	41.72 -0.51 0.00	38.55 -0.44 0.00	36.72 -0.54 0.00	44.92 -0.93 0.00	86.03 -0.77 0.00	136.46 -1.41 0.00	43.62 -0.61 0.00	32.64 -0.97 0.00	31.48 -0.91 0.00	28.73 -1.11 0.00	27.70 -1.18 0.00	21.40 -1.15 -0.25	28.80 -1.49 0.00	25.41 -1.39 0.00	28.50 -1.36 0.00	35.23 -0.79 0.00	46.09 -0.31 0.00	70.92 -1.17 0.00	70.75 -1.23 0.00	44.91 -1.09 0.00	33.70 -1.02 0.00	30.87 -1.02 0.00
LYONS_FALL_HYD 23570	45.17 -0.06 0.00	41.57 -0.22 0.00	41.97 -0.26 0.00	38.82 -0.18 0.00	37.07 -0.18 0.00	45.87 0.02 0.00	87.49 0.68 0.00	139.28 1.41 0.00	44.44 0.20 0.00	33.26 -0.36 0.00	31.94 -0.45 0.00	29.10 -0.75 0.00	28.06 -0.82 0.00	21.62 -0.75 -0.08	29.37 -0.92 0.00	25.94 -0.86 0.00	29.17 -0.69 0.00	35.98 -0.04 0.00	46.90 0.50 0.00	71.86 -0.23 0.00	71.76 -0.22 0.00	45.51 -0.48 0.00	34.15 -0.57 0.00	31.23 -0.67 0.00
MADISON___COUNTY_LFGE 323628	45.70 0.48 0.00	42.16 0.38 0.00	42.54 0.31 0.00	39.31 0.31 0.00	37.61 0.36 0.00	46.70 0.85 0.00	88.60 1.79 0.00	140.88 3.02 0.00	44.85 0.62 0.00	33.71 0.10 0.00	32.42 0.02 0.00	29.68 -0.17 0.00	28.70 -0.18 0.00	22.12 -0.16 0.00	30.09 -0.20 0.00	26.60 -0.20 0.00	29.96 0.10 0.00	36.46 0.44 0.00	47.14 0.74 0.00	73.10 1.01 0.00	72.94 0.96 0.00	46.44 0.45 0.00	34.94 0.22 0.00	32.00 0.11 0.00
MALONE___115KV_TB1 356076	47.01 1.79 0.00	43.31 1.53 0.00	43.85 1.62 0.00	40.38 1.39 0.00	38.34 1.09 0.00	46.42 0.58 0.00	88.73 1.92 0.00	140.27 2.40 0.00	44.91 0.68 0.00	33.93 0.32 0.00	32.92 0.52 0.00	30.25 0.40 0.00	28.98 0.09 0.00	23.59 -0.31 -1.62	29.90 -0.39 0.00	26.43 -0.36 0.00	29.40 -0.46 0.00	35.84 -0.18 0.00	46.94 0.54 0.00	73.46 1.37 0.00	73.36 1.38 0.00	46.38 0.39 0.00	34.69 -0.03 0.00	31.79 -0.10 0.00
MAPLEWOD_115KV_TB3 80458	46.15 0.93 0.00	42.67 0.88 0.00	43.21 0.98 0.00	39.96 0.96 0.00	38.32 1.06 0.00	47.95 2.11 0.00	90.07 3.26 0.00	143.36 5.49 0.00	45.90 1.67 0.00	34.70 1.09 0.00	33.17 0.78 0.00	30.46 0.60 0.00	29.46 0.58 0.00	22.87 0.59 0.00	31.12 0.83 0.00	27.63 0.84 0.00	30.88 1.02 0.00	37.26 1.24 0.00	47.63 1.23 0.00	74.30 2.21 0.00	74.20 2.22 0.00	47.27 1.28 0.00	35.74 1.02 0.00	32.76 0.87 0.00
MAPLE_RIDGE_WT_1 323574	44.05 -1.17 0.00	40.68 -1.11 0.00	41.20 -1.03 0.00	38.03 -0.97 0.00	36.31 -0.95 0.00	44.72 -1.13 0.00	85.20 -1.61 0.00	135.37 -2.50 0.00	43.59 -0.65 0.00	33.16 -0.45 0.00	32.06 -0.34 0.00	29.37 -0.48 0.00	28.28 -0.60 0.00	21.75 -0.54 0.00	29.66 -0.64 0.00	26.14 -0.66 0.00	29.16 -0.70 0.00	35.34 -0.68 0.00	45.64 -0.75 0.00	70.39 -1.70 0.00	70.34 -1.64 0.00	44.75 -1.25 0.00	33.70 -1.02 0.00	30.90 -0.99 0.00
MAPLE_RIDGE_WT_2 323611	44.05 -1.17 0.00	40.68 -1.11 0.00	41.20 -1.03 0.00	38.03 -0.97 0.00	36.31 -0.95 0.00	44.72 -1.13 0.00	85.20 -1.61 0.00	135.37 -2.50 0.00	43.59 -0.65 0.00	33.16 -0.45 0.00	32.06 -0.34 0.00	29.37 -0.48 0.00	28.28 -0.60 0.00	21.75 -0.54 0.00	29.66 -0.64 0.00	26.14 -0.66 0.00	29.16 -0.70 0.00	35.34 -0.68 0.00	45.64 -0.75 0.00	70.39 -1.70 0.00	70.34 -1.64 0.00	44.75 -1.25 0.00	33.70 -1.02 0.00	30.90 -0.99 0.00
MARBLE_RIVER_WT_PWR 323696	47.68 2.46 0.00	43.94 2.16 0.00	44.56 2.32 0.00	40.89 1.89 0.00	38.71 1.46 0.00	46.87 1.02 0.00	88.87 2.06 0.00	139.75 1.89 0.00	44.63 0.39 0.00	33.77 0.16 0.00	32.96 0.56 0.00	30.15 0.30 0.00	28.84 -0.04 0.00	18.99 -0.78 2.51	29.34 -0.95 0.00	26.08 -0.72 0.00	28.70 -1.16 0.00	35.35 -0.67 0.00	46.48 0.08 0.00	73.40 1.32 0.00	73.26 1.28 0.00	45.66 -0.34 0.00	34.02 -0.69 0.00	31.01 -0.88 0.00
MARSHVLE_115KV_TB1 80742	47.32 2.10 0.00	43.72 1.94 0.00	44.14 1.91 0.00	40.76 1.76 0.00	39.00 1.75 0.00	48.32 2.47 0.00	91.78 4.97 0.00	144.72 6.85 0.00	45.82 1.58 0.00	34.37 0.76 0.00	33.22 0.82 0.00	30.48 0.63 0.00	29.52 0.63 0.00	22.79 0.50 0.00	30.91 0.62 0.00	27.28 0.48 0.00	30.48 0.62 0.00	37.05 1.04 0.00	48.13 1.73 0.00	75.00 2.91 0.00	75.38 3.39 0.00	47.79 1.80 0.00	35.90 1.18 0.00	32.91 1.02 0.00
MARSH_HILL_WT_PWR 323713	41.42 -3.80 0.00	38.37 -3.42 0.00	38.22 -4.01 0.00	35.17 -3.83 0.00	33.61 -3.64 0.00	42.16 -3.69 0.00	79.89 -6.92 0.00	165.63 -12.86 -40.63	63.33 -4.65 -23.75	56.21 -3.29 -25.89	44.73 -2.78 -15.10	49.94 -2.82 -22.90	49.33 -3.45 -23.90	40.41 -2.87 -20.99	50.62 -3.94 -24.27	46.17 -3.44 -22.82	50.48 -3.56 -24.19	60.66 -4.08 -28.71	74.00 -5.52 -33.12	109.21 -8.19 -45.31	107.88 -8.22 -44.11	71.29 -5.24 -30.53	52.48 -3.90 -21.67	29.12 -3.53 -0.77
MCINTYRE_115KV_TB2 80467	47.28 2.07 0.00	43.64 1.86 0.00	44.15 1.92 0.00	40.72 1.72 0.00	38.70 1.45 0.00	46.89 1.04 0.00	89.96 3.16 0.00	141.93 4.06 0.00	45.31 1.07 0.00	33.91 0.31 0.00	32.92 0.52 0.00	30.26 0.41 0.00	29.26 0.38 0.00	22.63 0.06 -0.29	30.38 0.09 0.00	26.77 -0.03 0.00	29.93 0.07 0.00	36.30 0.28 0.00	47.76 1.36 0.00	74.59 2.51 0.00	74.43 2.45 0.00	47.44 1.45 0.00	35.71 1.00 0.00	32.84 0.95 0.00
MECO_____69_KV_BK1 80468	47.72 2.51 0.00	44.08 2.29 0.00	44.52 2.28 0.00	41.14 2.14 0.00	39.40 2.15 0.00	49.02 3.18 0.00	93.10 6.29 0.00	147.19 9.32 0.00	46.26 2.03 0.00	34.18 0.57 0.00	32.62 0.22 0.00	29.88 0.03 0.00	28.90 0.02 0.00	22.39 0.10 0.00	30.43 0.13 0.00	26.89 0.09 0.00	30.08 0.22 0.00	37.00 0.98 0.00	48.78 2.38 0.00	76.36 4.27 0.00	76.55 4.57 0.00	48.55 2.55 0.00	36.48 1.77 0.00	33.40 1.51 0.00
MENANDS___115KV_TB5 355628	45.98 0.76 0.00	42.52 0.74 0.00	43.08 0.85 0.00	39.84 0.84 0.00	38.18 0.93 0.00	47.50 1.66 0.00	89.12 2.31 0.00	142.10 4.23 0.00	45.56 1.33 0.00	34.49 0.88 0.00	33.01 0.61 0.00	30.33 0.48 0.00	29.35 0.47 0.00	22.80 0.51 0.00	31.02 0.72 0.00	27.52 0.72 0.00	30.74 0.88 0.00	37.07 1.05 0.00	47.50 1.10 0.00	73.89 1.80 0.00	73.82 1.84 0.00	47.09 1.10 0.00	35.60 0.88 0.00	32.64 0.74 0.00
MG INDUSTRY___DRP 24185	46.12 0.90 0.00	42.65 0.87 0.00	43.17 0.94 0.00	39.92 0.92 0.00	38.23 0.97 0.00	47.40 1.55 0.00	89.07 2.27 0.00	141.67 3.80 0.00	45.23 1.00 0.00	34.18 0.57 0.00	32.75 0.36 0.00	30.12 0.27 0.00	29.18 0.30 0.00	22.66 0.37 0.00	30.88 0.59 0.00	27.36 0.57 0.00	30.48 0.62 0.00	36.87 0.85 0.00	47.53 1.13 0.00	73.82 1.74 0.00	73.74 1.76 0.00	47.12 1.13 0.00	35.61 0.89 0.00	32.67 0.78 0.00

MID___OSWEGATCHIE_HYD 23849	44.83 -0.38 0.00	41.28 -0.50 0.00	41.72 -0.51 0.00	38.55 -0.44 0.00	36.72 -0.54 0.00	44.92 -0.93 0.00	86.03 -0.77 0.00	136.46 -1.41 0.00	43.62 -0.61 0.00	32.64 -0.97 0.00	31.48 -0.91 0.00	28.73 -1.11 0.00	27.70 -1.18 0.00	21.40 -1.15 -0.25	28.80 -1.49 0.00	25.41 -1.39 0.00	28.50 -1.36 0.00	35.23 -0.79 0.00	46.09 -0.31 0.00	70.92 -1.17 0.00	70.75 -1.23 0.00	44.91 -1.09 0.00	33.70 -1.02 0.00	30.87 -1.02 0.00
MID___RAQUETTE_HYD 23851	45.80 0.58 0.00	42.24 0.46 0.00	42.74 0.51 0.00	39.43 0.43 0.00	37.48 0.23 0.00	45.40 -0.44 0.00	86.98 0.17 0.00	137.43 -0.44 0.00	44.07 -0.17 0.00	33.19 -0.41 0.00	32.20 -0.19 0.00	29.58 -0.27 0.00	28.54 -0.34 0.00	22.16 -0.49 -0.37	29.63 -0.66 0.00	26.14 -0.66 0.00	29.19 -0.67 0.00	35.54 -0.48 0.00	46.40 0.00 0.00	72.14 0.05 0.00	71.97 -0.01 0.00	45.83 -0.16 0.00	34.47 -0.24 0.00	31.68 -0.21 0.00
MILLIKEN___1 23584	45.14 -0.08 0.00	41.72 -0.06 0.00	42.03 -0.20 0.00	38.83 -0.17 0.00	37.20 -0.06 0.00	46.28 0.43 0.00	87.58 0.77 0.00	141.99 1.11 -3.02	45.93 -0.07 -1.76	35.26 -0.27 -1.92	33.21 -0.31 -1.12	31.19 -0.36 -1.70	30.24 -0.42 -1.78	23.49 -0.36 -1.56	31.62 -0.45 -1.77	28.03 -0.43 -1.67	31.46 -0.16 -1.77	38.06 -0.06 -2.10	48.69 -0.13 -2.42	75.32 -0.07 -3.30	75.00 -0.19 -3.21	47.97 -0.24 -2.23	36.03 -0.26 -1.58	31.66 -0.28 -0.05
MILLIKEN___2 23585	45.14 -0.08 0.00	41.72 -0.06 0.00	42.03 -0.20 0.00	38.83 -0.17 0.00	37.20 -0.06 0.00	46.28 0.43 0.00	87.58 0.77 0.00	141.99 1.11 -3.02	45.93 -0.07 -1.76	35.26 -0.27 -1.92	33.21 -0.31 -1.12	31.19 -0.36 -1.70	30.24 -0.42 -1.78	23.49 -0.36 -1.56	31.62 -0.45 -1.77	28.03 -0.43 -1.67	31.46 -0.16 -1.77	38.06 -0.06 -2.10	48.69 -0.13 -2.42	75.32 -0.07 -3.30	75.00 -0.19 -3.21	47.97 -0.24 -2.23	36.03 -0.26 -1.58	31.66 -0.28 -0.05
MILLIKEN___DIESEL 23629	45.14 -0.08 0.00	41.72 -0.06 0.00	42.03 -0.20 0.00	38.83 -0.17 0.00	37.20 -0.06 0.00	46.28 0.43 0.00	87.58 0.77 0.00	141.99 1.11 -3.02	45.93 -0.07 -1.76	35.26 -0.27 -1.92	33.21 -0.31 -1.12	31.19 -0.36 -1.70	30.24 -0.42 -1.78	23.49 -0.36 -1.56	31.62 -0.45 -1.77	28.03 -0.43 -1.67	31.46 -0.16 -1.77	38.06 -0.06 -2.10	48.69 -0.13 -2.42	75.32 -0.07 -3.30	75.00 -0.19 -3.21	47.97 -0.24 -2.23	36.03 -0.26 -1.58	31.66 -0.28 -0.05
MILLSEAT___LFGE 323607	43.29 -1.94 0.00	39.84 -1.94 0.00	39.98 -2.25 0.00	36.80 -2.20 0.00	35.30 -1.95 0.00	44.48 -1.36 0.00	82.93 -3.87 0.00	122.09 -7.21 8.57	36.92 -2.30 5.01	26.36 -1.79 5.46	27.30 -1.91 3.19	23.16 -1.85 4.83	21.94 -1.90 5.04	16.25 -1.60 4.43	23.04 -2.42 4.83	19.99 -2.27 4.54	22.84 -2.20 4.81	27.60 -2.70 5.71	36.27 -3.54 6.59	58.32 -4.77 8.99	58.32 -4.90 8.76	36.88 -3.05 6.06	28.11 -2.30 4.30	29.76 -1.98 0.15
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	46.25 1.03 0.00	42.83 1.05 0.00	43.26 1.03 0.00	39.95 0.95 0.00	38.26 1.00 0.00	47.52 1.67 0.00	89.87 3.07 0.00	143.85 5.99 0.00	46.04 1.81 0.00	35.05 1.44 0.00	33.62 1.22 0.00	30.83 0.98 0.00	29.82 0.95 0.00	23.16 0.88 0.00	31.53 1.24 0.00	28.04 1.25 0.00	31.26 1.40 0.00	37.73 1.71 0.00	48.45 2.05 0.00	75.24 3.16 0.00	75.24 3.26 0.00	48.11 2.11 0.00	36.22 1.50 0.00	33.09 1.20 0.00
MILLWOOD_13_KV_LOAD 356217	46.31 1.09 0.00	42.88 1.10 0.00	43.30 1.07 0.00	39.99 0.99 0.00	38.30 1.05 0.00	47.58 1.73 0.00	89.99 3.18 0.00	144.09 6.22 0.00	46.11 1.87 0.00	35.08 1.47 0.00	33.66 1.26 0.00	30.86 1.01 0.00	29.85 0.97 0.00	23.18 0.89 0.00	31.55 1.26 0.00	28.07 1.28 0.00	31.28 1.42 0.00	37.77 1.75 0.00	48.51 2.11 0.00	75.33 3.24 0.00	75.34 3.36 0.00	48.17 2.18 0.00	36.26 1.54 0.00	33.13 1.24 0.00
MODEL_CITY_ENERGY 24167	41.95 -3.27 0.00	38.62 -3.16 0.00	38.74 -3.49 0.00	35.65 -3.35 0.00	34.18 -3.07 0.00	43.06 -2.78 0.00	79.83 -6.98 0.00	115.04 -12.61 10.22	34.40 -3.86 5.97	24.32 -2.78 6.51	25.68 -2.91 3.80	21.48 -2.61 5.76	20.32 -2.55 6.01	14.90 -2.11 5.28	21.41 -3.15 5.73	18.38 -3.03 5.38	21.11 -3.05 5.71	25.38 -3.86 6.78	33.37 -5.21 7.82	53.86 -7.56 10.67	53.87 -7.72 10.39	34.07 -4.74 7.19	26.13 -3.48 5.10	28.76 -2.95 0.18
MODERN_LFGE___ 323580	41.95 -3.27 0.00	38.62 -3.16 0.00	38.74 -3.49 0.00	35.65 -3.35 0.00	34.18 -3.07 0.00	43.06 -2.78 0.00	79.83 -6.98 0.00	115.04 -12.61 10.22	34.40 -3.86 5.97	24.32 -2.78 6.51	25.68 -2.91 3.80	21.48 -2.61 5.76	20.32 -2.55 6.01	14.90 -2.11 5.28	21.41 -3.15 5.73	18.38 -3.03 5.38	21.11 -3.05 5.71	25.38 -3.86 6.78	33.37 -5.21 7.82	53.86 -7.56 10.67	53.87 -7.72 10.39	34.07 -4.74 7.19	26.13 -3.48 5.10	28.76 -2.95 0.18
MOHAWK_PAPER___DRP 24187	46.15 0.93 0.00	42.67 0.88 0.00	43.21 0.98 0.00	39.96 0.96 0.00	38.32 1.06 0.00	47.95 2.11 0.00	90.07 3.26 0.00	143.36 5.49 0.00	45.90 1.67 0.00	34.70 1.09 0.00	33.17 0.78 0.00	30.46 0.60 0.00	29.46 0.58 0.00	22.87 0.59 0.00	31.12 0.83 0.00	27.63 0.84 0.00	30.88 1.02 0.00	37.26 1.24 0.00	47.63 1.23 0.00	74.30 2.21 0.00	74.20 2.22 0.00	47.27 1.28 0.00	35.74 1.02 0.00	32.76 0.87 0.00
MOHICAN___35_KV_115KV_LD 80490	46.82 1.60 0.00	43.22 1.44 0.00	43.83 1.60 0.00	40.55 1.55 0.00	38.90 1.65 0.00	48.47 2.63 0.00	91.10 4.29 0.00	144.93 7.06 0.00	46.39 2.16 0.00	34.84 1.23 0.00	33.06 0.66 0.00	30.25 0.40 0.00	29.18 0.30 0.00	22.60 0.31 0.00	30.89 0.60 0.00	27.39 0.60 0.00	30.85 0.99 0.00	37.48 1.46 0.00	48.14 1.74 0.00	75.10 3.01 0.00	75.23 3.25 0.00	47.90 1.91 0.00	36.18 1.47 0.00	33.26 1.37 0.00
MONGAUP___HYD 23641	46.55 1.33 0.00	43.05 1.26 0.00	43.47 1.24 0.00	40.16 1.16 0.00	38.45 1.20 0.00	47.75 1.90 0.00	89.79 2.98 0.00	142.63 4.76 0.00	45.78 1.54 0.00	34.48 0.87 0.00	32.92 0.52 0.00	30.37 0.52 0.00	29.37 0.49 0.00	22.79 0.50 0.00	31.01 0.72 0.00	27.56 0.76 0.00	30.54 0.68 0.00	37.20 1.19 0.00	48.09 1.69 0.00	75.09 3.00 0.00	75.09 3.11 0.00	47.98 1.99 0.00	36.10 1.38 0.00	33.16 1.27 0.00
MONTAUK___DIESEL 23721	46.09 0.87 0.00	43.27 1.49 0.00	43.40 1.17 0.00	39.84 0.83 0.00	38.64 1.39 0.00	47.99 2.14 0.00	90.61 3.80 0.00	144.86 7.44 0.45	45.92 1.68 0.00	34.54 0.93 0.00	33.49 1.10 0.00	29.84 -0.01 0.00	29.17 0.29 0.00	22.16 -0.12 0.01	30.77 0.48 0.00	27.75 0.96 0.00	31.03 1.17 0.00	37.58 1.56 0.00	48.98 2.58 0.00	76.87 4.78 0.00	76.38 4.40 0.00	48.89 2.89 0.00	36.87 2.16 0.00	33.65 1.76 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	42.08 -3.14 0.00	38.47 -3.31 0.00	38.48 -3.75 0.00	35.29 -3.71 0.00	33.75 -3.51 0.00	43.00 -2.84 0.00	80.88 -5.92 0.00	123.29 -11.25 3.32	38.67 -3.63 1.94	29.30 -2.19 2.12	29.25 -1.91 1.24	26.34 -1.63 1.87	25.29 -1.64 1.96	18.74 -1.83 1.72	25.36 -2.82 2.11	22.30 -2.52 1.98	24.96 -2.80 2.10	30.12 -3.40 2.49	39.04 -4.48 2.88	63.07 -5.12 3.91	63.31 -4.87 3.80	39.22 -4.15 2.63	29.51 -3.34 1.87	28.80 -3.03 0.06

MORRIS_RIDGE___SOLAR 323848	41.89 -3.32 0.00	38.61 -3.17 0.00	38.61 -3.62 0.00	35.47 -3.53 0.00	33.93 -3.32 0.00	42.76 -3.08 0.00	80.43 -6.38 0.00	43.24 -11.87 82.75	-8.36 -4.23 48.37	-22.29 -3.16 52.74	-1.20 -2.83 30.77	-19.56 -2.76 46.66	-22.74 -2.93 48.68	-22.85 -2.37 42.76	-22.86 -3.25 49.90	-22.92 -2.81 46.91	-22.81 -2.95 49.73	-26.44 -3.43 59.03	-26.38 -4.69 68.09	-27.95 -6.90 93.14	-25.73 -7.01 90.70	-21.29 -4.52 62.77	-13.29 -3.45 44.55	27.18 -3.14 1.58
MORTIMER_115KV_TB3 55949	43.57 -1.65 0.00	40.16 -1.62 0.00	40.42 -1.82 0.00	37.26 -1.73 0.00	35.72 -1.54 0.00	44.66 -1.19 0.00	83.73 -3.08 0.00	130.44 -5.42 2.01	41.28 -1.78 1.17	30.98 -1.35 1.28	30.27 -1.38 0.75	27.45 -1.27 1.13	26.42 -1.29 1.18	20.18 -1.07 1.04	28.67 -1.62 0.00	25.27 -1.53 0.00	28.33 -1.53 0.00	34.08 -1.94 0.00	43.81 -2.59 0.00	68.45 -3.64 0.00	68.21 -3.77 0.00	43.64 -2.35 0.00	32.94 -1.78 0.00	30.32 -1.57 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	46.59 1.37 0.00	43.13 1.35 0.00	43.55 1.32 0.00	40.21 1.21 0.00	38.53 1.28 0.00	47.89 2.05 0.00	90.57 3.76 0.00	145.10 7.24 0.00	46.48 2.24 0.00	35.40 1.79 0.00	33.97 1.57 0.00	31.16 1.31 0.00	30.14 1.26 0.00	23.41 1.12 0.00	31.86 1.56 0.00	28.32 1.53 0.00	31.56 1.69 0.00	38.05 2.04 0.00	48.85 2.45 0.00	75.80 3.71 0.00	75.79 3.81 0.00	48.46 2.47 0.00	36.50 1.79 0.00	33.33 1.44 0.00
MUNSVILLE_WIND_PWR 323609	46.77 1.55 0.00	43.23 1.45 0.00	43.93 1.70 0.00	40.65 1.65 0.00	39.03 1.78 0.00	48.88 3.03 0.00	92.74 5.93 0.00	149.79 9.61 -2.32	47.50 1.91 -1.36	35.77 0.69 -1.48	34.01 0.75 -0.86	31.39 0.23 -1.31	30.23 -0.02 -1.37	23.32 -0.17 -1.20	31.08 -0.53 -1.32	27.57 -0.46 -1.24	31.42 0.25 -1.31	38.45 0.88 -1.56	49.61 1.41 -1.79	76.70 2.16 -2.45	76.06 1.69 -2.39	48.49 0.85 -1.65	36.24 0.36 -1.17	32.08 0.15 -0.04
N SALMON___HYD 24042	47.01 1.79 0.00	43.31 1.53 0.00	43.85 1.62 0.00	40.39 1.39 0.00	38.34 1.09 0.00	46.43 0.58 0.00	88.73 1.92 0.00	140.26 2.39 0.00	44.91 0.67 0.00	33.93 0.32 0.00	32.91 0.51 0.00	30.25 0.40 0.00	28.98 0.09 0.00	23.59 -0.32 -1.62	29.90 -0.39 0.00	26.44 -0.36 0.00	29.39 -0.47 0.00	35.84 -0.18 0.00	46.94 0.54 0.00	73.46 1.37 0.00	73.35 1.37 0.00	46.38 0.39 0.00	34.69 -0.03 0.00	31.79 -0.09 0.00
N.AKRON__115KV_KNAPP 355671	43.21 -2.01 0.00	39.78 -2.01 0.00	39.91 -2.32 0.00	36.73 -2.27 0.00	35.25 -2.01 0.00	44.40 -1.44 0.00	82.74 -4.06 0.00	121.03 -7.64 9.20	36.42 -2.44 5.38	25.86 -1.89 5.86	26.97 -2.01 3.42	22.76 -1.91 5.19	21.54 -1.93 5.41	15.90 -1.64 4.75	22.67 -2.43 5.19	19.59 -2.33 4.88	22.39 -2.30 5.17	27.04 -2.84 6.14	35.60 -3.72 7.08	57.38 -5.04 9.67	57.39 -5.18 9.41	36.25 -3.23 6.51	27.67 -2.42 4.62	29.68 -2.05 0.16
N.BELMOR_69_KV_BK1 55787	46.78 1.56 0.00	43.40 1.62 0.00	43.76 1.53 0.00	40.33 1.33 0.00	38.71 1.46 0.00	47.97 2.13 0.00	90.20 3.40 0.00	144.41 6.70 0.16	46.27 2.04 0.00	35.27 1.66 0.00	33.99 1.59 0.00	31.03 1.18 0.00	29.97 1.09 0.00	23.16 0.88 0.00	31.65 1.36 0.00	28.25 1.45 0.00	31.59 1.72 0.00	38.11 2.09 0.00	48.97 2.57 0.00	76.38 4.29 0.00	76.34 4.36 0.00	48.79 2.80 0.00	36.72 2.01 0.00	33.52 1.62 0.00
N.E_GEN_SANDY PD 24062	44.21 0.84 1.85	42.60 0.82 0.01	43.19 0.96 0.00	39.93 0.93 0.00	38.05 1.01 0.20	43.68 1.70 3.86	91.94 2.38 -2.75	140.44 4.35 1.78	45.65 1.41 0.00	33.25 1.10 1.47	33.19 0.79 0.00	30.49 0.65 0.00	29.48 0.60 0.00	22.91 0.63 0.00	31.23 0.93 0.00	27.72 0.93 0.00	30.94 1.09 0.00	37.32 1.30 0.00	47.89 1.50 0.00	69.47 2.28 4.90	74.38 2.40 0.00	47.58 1.58 0.00	36.00 1.28 0.00	33.03 1.14 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	46.13 0.91 0.00	42.71 0.93 0.00	43.13 0.90 0.00	39.83 0.83 0.00	38.14 0.89 0.00	47.39 1.54 0.00	89.70 2.89 0.00	143.64 5.77 0.00	45.93 1.69 0.00	34.95 1.34 0.00	33.53 1.13 0.00	30.74 0.89 0.00	29.74 0.86 0.00	23.09 0.80 0.00	31.44 1.15 0.00	27.98 1.18 0.00	31.19 1.33 0.00	37.65 1.63 0.00	48.32 1.92 0.00	75.05 2.96 0.00	75.07 3.09 0.00	48.01 2.01 0.00	36.10 1.39 0.00	32.97 1.09 0.00
N.QUEENS_27_KV_LOAD 356247	46.48 1.26 0.00	43.07 1.28 0.00	43.49 1.26 0.00	40.16 1.16 0.00	38.51 1.26 0.00	47.78 1.93 0.00	90.48 3.67 0.00	145.36 7.28 -0.21	46.51 2.27 0.00	35.44 1.83 -0.01	34.01 1.61 -0.01	31.21 1.37 0.01	30.20 1.33 0.01	23.47 1.18 0.00	31.94 1.64 -0.01	28.39 1.59 -0.01	31.61 1.75 0.00	38.13 2.11 0.00	48.87 2.48 0.00	75.79 3.70 0.00	75.83 3.84 0.00	48.51 2.51 -0.01	36.55 1.83 0.00	33.35 1.45 -0.01
N.TROY___115KV_TB1 355778	46.13 0.91 0.00	42.64 0.85 0.00	43.22 0.99 0.00	39.97 0.98 0.00	38.30 1.05 0.00	47.57 1.72 0.00	89.24 2.43 0.00	142.15 4.29 0.00	45.56 1.33 0.00	34.51 0.90 0.00	32.96 0.56 0.00	30.28 0.43 0.00	29.26 0.38 0.00	22.71 0.42 0.00	30.95 0.65 0.00	27.44 0.65 0.00	30.69 0.83 0.00	37.05 1.03 0.00	47.64 1.24 0.00	74.04 1.94 0.00	74.02 2.04 0.00	47.31 1.32 0.00	35.80 1.09 0.00	32.85 0.96 0.00
NARROWS_GT1_1 24228	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.60 1.85 -20.45	53.62 1.79 -25.03	53.75 2.00 -21.89	57.92 2.38 -19.51	66.45 2.89 -17.16	94.08 4.31 -17.68	98.44 4.51 -21.95	80.90 2.98 -31.93	54.58 2.17 -17.69	53.68 1.78 -20.01
NARROWS_GT1_2 24229	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.60 1.85 -20.45	53.62 1.79 -25.03	53.75 2.00 -21.89	57.92 2.38 -19.51	66.45 2.89 -17.16	94.08 4.31 -17.68	98.44 4.51 -21.95	80.90 2.98 -31.93	54.58 2.17 -17.69	53.68 1.78 -20.01
NARROWS_GT1_3 24230	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.60 1.85 -20.45	53.62 1.79 -25.03	53.75 2.00 -21.89	57.92 2.38 -19.51	66.45 2.89 -17.16	94.08 4.31 -17.68	98.44 4.51 -21.95	80.90 2.98 -31.93	54.58 2.17 -17.69	53.68 1.78 -20.01
NARROWS_GT1_4 24231	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.60 1.85 -20.45	53.62 1.79 -25.03	53.75 2.00 -21.89	57.92 2.38 -19.51	66.45 2.89 -17.16	94.08 4.31 -17.68	98.44 4.51 -21.95	80.90 2.98 -31.93	54.58 2.17 -17.69	53.68 1.78 -20.01

NARROWS_GT1_5 24232	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.60 1.85 -20.45	53.62 1.79 -25.03	53.75 2.00 -21.89	57.92 2.38 -19.51	66.45 2.89 -17.16	94.08 4.31 -17.68	98.44 4.51 -21.95	80.90 2.98 -31.93	54.58 2.17 -17.69	53.68 1.78 -20.01
NARROWS_GT1_6 24233	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.60 1.85 -20.45	53.62 1.79 -25.03	53.75 2.00 -21.89	57.92 2.38 -19.51	66.45 2.89 -17.16	94.08 4.31 -17.68	98.44 4.51 -21.95	80.90 2.98 -31.93	54.58 2.17 -17.69	53.68 1.78 -20.01
NARROWS_GT1_7 24234	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.60 1.85 -20.45	53.62 1.79 -25.03	53.75 2.00 -21.89	57.92 2.38 -19.51	66.45 2.89 -17.16	94.08 4.31 -17.68	98.44 4.51 -21.95	80.90 2.98 -31.93	54.58 2.17 -17.69	53.68 1.78 -20.01
NARROWS_GT1_8 24235	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.60 1.85 -20.45	53.62 1.79 -25.03	53.75 2.00 -21.89	57.92 2.38 -19.51	66.45 2.89 -17.16	94.08 4.31 -17.68	98.44 4.51 -21.95	80.90 2.98 -31.93	54.58 2.17 -17.69	53.68 1.78 -20.01
NARROWS_GT2_1 24236	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.60 1.85 -20.45	53.62 1.79 -25.03	53.75 2.00 -21.89	57.92 2.38 -19.51	66.45 2.89 -17.16	94.08 4.31 -17.68	98.44 4.51 -21.95	80.90 2.98 -31.93	54.58 2.17 -17.69	53.68 1.78 -20.01
NARROWS_GT2_2 24237	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.60 1.85 -20.45	53.62 1.79 -25.03	53.75 2.00 -21.89	57.92 2.38 -19.51	66.45 2.89 -17.16	94.08 4.31 -17.68	98.44 4.51 -21.95	80.90 2.98 -31.93	54.58 2.17 -17.69	53.68 1.78 -20.01
NARROWS_GT2_3 24238	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.60 1.85 -20.45	53.62 1.79 -25.03	53.75 2.00 -21.89	57.92 2.38 -19.51	66.45 2.89 -17.16	94.08 4.31 -17.68	98.44 4.51 -21.95	80.90 2.98 -31.93	54.58 2.17 -17.69	53.68 1.78 -20.01
NARROWS_GT2_4 24239	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.60 1.85 -20.45	53.62 1.79 -25.03	53.75 2.00 -21.89	57.92 2.38 -19.51	66.45 2.89 -17.16	94.08 4.31 -17.68	98.44 4.51 -21.95	80.90 2.98 -31.93	54.58 2.17 -17.69	53.68 1.78 -20.01
NARROWS_GT2_5 24240	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.60 1.85 -20.45	53.62 1.79 -25.03	53.75 2.00 -21.89	57.92 2.38 -19.51	66.45 2.89 -17.16	94.08 4.31 -17.68	98.44 4.51 -21.95	80.90 2.98 -31.93	54.58 2.17 -17.69	53.68 1.78 -20.01
NARROWS_GT2_6 24241	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.60 1.85 -20.45	53.62 1.79 -25.03	53.75 2.00 -21.89	57.92 2.38 -19.51	66.45 2.89 -17.16	94.08 4.31 -17.68	98.44 4.51 -21.95	80.90 2.98 -31.93	54.58 2.17 -17.69	53.68 1.78 -20.01
NARROWS_GT2_7 24242	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.60 1.85 -20.45	53.62 1.79 -25.03	53.75 2.00 -21.89	57.92 2.38 -19.51	66.45 2.89 -17.16	94.08 4.31 -17.68	98.44 4.51 -21.95	80.90 2.98 -31.93	54.58 2.17 -17.69	53.68 1.78 -20.01
NARROWS_GT2_8 24243	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.60 1.85 -20.45	53.62 1.79 -25.03	53.75 2.00 -21.89	57.92 2.38 -19.51	66.45 2.89 -17.16	94.08 4.31 -17.68	98.44 4.51 -21.95	80.90 2.98 -31.93	54.58 2.17 -17.69	53.68 1.78 -20.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	47.02 1.80 0.00	43.42 1.64 0.00	43.97 1.74 0.00	40.68 1.68 0.00	38.99 1.73 0.00	48.49 2.65 0.00	91.31 4.50 0.00	145.41 7.54 0.00	46.32 2.09 0.00	34.74 1.13 0.00	33.12 0.72 0.00	30.40 0.56 0.00	29.38 0.50 0.00	22.81 0.52 0.00	31.05 0.76 0.00	27.52 0.72 0.00	30.78 0.92 0.00	37.28 1.26 0.00	48.37 1.97 0.00	75.39 3.30 0.00	75.26 3.28 0.00	48.00 2.01 0.00	36.24 1.52 0.00	33.18 1.30 0.00
NCHELSEA_115KV_TR2 355582	46.70 1.48 0.00	43.22 1.43 0.00	43.67 1.43 0.00	40.32 1.32 0.00	38.63 1.38 0.00	48.01 2.17 0.00	90.87 4.06 0.00	145.29 7.42 0.00	46.45 2.22 0.00	35.28 1.67 0.00	33.80 1.40 0.00	30.98 1.13 0.00	29.96 1.08 0.00	23.25 0.97 0.00	31.67 1.38 0.00	28.16 1.36 0.00	31.44 1.58 0.00	38.05 2.03 0.00	48.91 2.51 0.00	76.01 3.92 0.00	75.99 4.00 0.00	48.53 2.54 0.00	36.53 1.81 0.00	33.37 1.48 0.00
NEG CAPITAL___MECHNVIL 23645	46.87 1.65 0.00	43.31 1.53 0.00	43.88 1.65 0.00	40.59 1.59 0.00	38.91 1.66 0.00	48.40 2.55 0.00	91.01 4.21 0.00	144.79 6.92 0.00	46.28 2.05 0.00	34.93 1.32 0.00	33.29 0.89 0.00	30.52 0.67 0.00	29.48 0.60 0.00	22.86 0.58 0.00	31.23 0.94 0.00	27.65 0.86 0.00	31.02 1.16 0.00	37.60 1.58 0.00	48.41 2.01 0.00	75.37 3.28 0.00	75.35 3.37 0.00	48.07 2.08 0.00	36.30 1.58 0.00	33.31 1.42 0.00



NEG CENTRAL_HIGH_ACRES 23767	43.04 -2.18 0.00	39.70 -2.09 0.00	39.96 -2.27 0.00	36.87 -2.13 0.00	35.36 -1.89 0.00	44.16 -1.68 0.00	83.03 -3.78 0.00	131.41 -6.46 0.00	42.04 -2.20 0.00	31.93 -1.68 0.00	30.73 -1.66 0.00	28.31 -1.54 0.00	27.31 -1.58 0.00	21.02 -1.27 0.00	28.41 -1.88 0.00	25.09 -1.71 0.00	28.18 -1.68 0.00	33.91 -2.11 0.00	43.58 -2.82 0.00	67.97 -4.12 0.00	67.74 -4.24 0.00	43.30 -2.69 0.00	32.65 -2.06 0.00	30.03 -1.86 0.00
NEG CENTRAL___DRP 24199	44.26 -0.96 0.00	40.88 -0.90 0.00	41.11 -1.12 0.00	37.97 -1.03 0.00	36.37 -0.89 0.00	45.31 -0.53 0.00	85.56 -1.24 0.00	139.09 -2.40 -3.62	45.24 -1.11 -2.12	35.06 -0.86 -2.31	32.91 -0.83 -1.35	31.09 -0.80 -2.04	30.09 -0.92 -2.13	23.42 -0.74 -1.87	31.50 -1.01 -2.21	27.96 -0.92 -2.08	31.28 -0.79 -2.21	37.73 -0.91 -2.62	48.09 -1.34 -3.02	74.24 -1.99 -4.14	73.94 -2.06 -4.03	47.42 -1.36 -2.79	35.65 -1.05 -1.98	31.01 -0.96 -0.07
NEG CENTRAL___INDECK 23768	44.01 -1.21 0.00	40.54 -1.25 0.00	40.69 -1.54 0.00	37.45 -1.56 0.00	35.91 -1.35 0.00	45.10 -0.75 0.00	85.08 -1.72 0.00	174.69 -3.52 -40.34	66.18 -1.64 -23.58	57.67 -1.65 -25.71	45.93 -1.47 -15.00	51.03 -1.56 -22.74	50.86 -1.74 -23.73	41.68 -1.45 -20.84	52.59 -2.06 -24.36	47.84 -1.86 -22.90	52.32 -1.81 -24.28	62.67 -2.17 -28.82	76.82 -2.82 -33.24	114.45 -3.12 -45.48	113.24 -3.03 -44.29	74.75 -1.89 -30.65	54.92 -1.55 -21.75	31.18 -1.48 -0.77
NEG CENTRAL___SENECA 23627	44.14 -1.08 0.00	40.74 -1.05 0.00	40.94 -1.29 0.00	37.76 -1.24 0.00	36.16 -1.09 0.00	45.21 -0.64 0.00	85.31 -1.49 0.00	140.67 -3.04 -5.84	46.31 -1.34 -3.41	36.33 -1.00 -3.72	33.59 -0.98 -2.17	32.21 -0.93 -3.29	31.19 -1.13 -3.44	24.38 -0.93 -3.02	32.59 -1.26 -3.56	29.02 -1.12 -3.34	32.45 -0.96 -3.54	39.14 -1.08 -4.21	49.64 -1.62 -4.85	76.35 -2.38 -6.64	75.95 -2.50 -6.46	48.85 -1.62 -4.47	36.65 -1.24 -3.17	30.87 -1.13 -0.11
NEG CENTRAL___STATE_STREET 24147	44.66 -0.56 0.00	41.38 -0.40 0.00	41.59 -0.64 0.00	38.48 -0.51 0.00	36.89 -0.37 0.00	45.82 -0.02 0.00	86.60 -0.21 0.00	137.34 -0.52 0.00	43.64 -0.59 0.00	33.14 -0.47 0.00	31.96 -0.44 0.00	29.40 -0.45 0.00	28.39 -0.49 0.00	21.90 -0.39 0.00	29.76 -0.54 0.00	26.23 -0.56 0.00	29.50 -0.36 0.00	35.63 -0.39 0.00	45.77 -0.63 0.00	71.22 -0.87 0.00	71.02 -0.96 0.00	45.24 -0.76 0.00	34.17 -0.55 0.00	31.39 -0.50 0.00
NEG MILLWOOD___DRP 24198	46.76 1.54 0.00	43.28 1.49 0.00	43.72 1.48 0.00	40.38 1.38 0.00	38.70 1.45 0.00	48.11 2.26 0.00	91.07 4.26 0.00	145.69 7.82 0.00	46.60 2.36 0.00	35.40 1.79 0.00	33.91 1.51 0.00	31.08 1.24 0.00	30.07 1.18 0.00	23.33 1.04 0.00	31.77 1.47 0.00	28.24 1.44 0.00	31.52 1.66 0.00	38.11 2.09 0.00	48.99 2.59 0.00	76.15 4.06 0.00	76.10 4.12 0.00	48.61 2.62 0.00	36.58 1.87 0.00	33.42 1.53 0.00
NEG NORTH_FLCN_SEA 23793	47.72 2.50 0.00	43.99 2.21 0.00	44.59 2.36 0.00	40.97 1.97 0.00	38.85 1.60 0.00	46.98 1.13 0.00	89.12 2.32 0.00	139.85 1.98 0.00	44.72 0.48 0.00	33.96 0.35 0.00	33.12 0.73 0.00	30.36 0.51 0.00	29.07 0.19 0.00	19.29 -0.49 2.51	29.74 -0.55 0.00	26.29 -0.50 0.00	29.02 -0.84 0.00	35.57 -0.45 0.00	46.71 0.31 0.00	73.82 1.73 0.00	73.77 1.79 0.00	46.26 0.26 0.00	34.55 -0.17 0.00	31.52 -0.37 0.00
NEG NORTH_KES_CHATEGAY 23792	46.97 1.75 0.00	43.29 1.50 0.00	43.84 1.60 0.00	40.33 1.33 0.00	38.26 1.00 0.00	46.26 0.41 0.00	88.16 1.35 0.00	139.22 1.36 0.00	44.56 0.32 0.00	33.73 0.12 0.00	32.77 0.37 0.00	30.13 0.29 0.00	28.85 -0.03 0.00	19.17 -0.47 2.65	29.77 -0.52 0.00	26.38 -0.41 0.00	29.29 -0.57 0.00	35.66 -0.36 0.00	46.61 0.21 0.00	73.07 0.99 0.00	73.07 1.08 0.00	46.06 0.06 0.00	34.43 -0.28 0.00	31.55 -0.34 0.00
NEG NORTH___ALICE_FALLS 23915	47.74 2.52 0.00	44.01 2.23 0.00	44.59 2.36 0.00	40.98 1.98 0.00	38.87 1.61 0.00	47.07 1.22 0.00	89.41 2.60 0.00	140.69 2.82 0.00	45.01 0.78 0.00	34.03 0.42 0.00	33.14 0.74 0.00	30.38 0.53 0.00	29.08 0.20 0.00	19.32 -0.44 2.53	29.81 -0.48 0.00	26.38 -0.42 0.00	29.17 -0.69 0.00	35.72 -0.30 0.00	46.89 0.49 0.00	73.95 1.86 0.00	73.87 1.89 0.00	46.39 0.40 0.00	34.65 -0.06 0.00	31.65 -0.24 0.00
NEG NORTH___LWR_SARANAC 23913	47.74 2.52 0.00	44.01 2.23 0.00	44.59 2.36 0.00	40.98 1.98 0.00	38.87 1.61 0.00	47.07 1.22 0.00	89.41 2.60 0.00	140.69 2.82 0.00	45.01 0.78 0.00	34.03 0.42 0.00	33.14 0.74 0.00	30.38 0.53 0.00	29.08 0.20 0.00	19.32 -0.44 2.53	29.81 -0.48 0.00	26.38 -0.42 0.00	29.17 -0.69 0.00	35.72 -0.30 0.00	46.89 0.49 0.00	73.95 1.86 0.00	73.87 1.89 0.00	46.39 0.40 0.00	34.65 -0.06 0.00	31.65 -0.24 0.00
NEG NORTH___PLATTSBURG 23628	47.74 2.52 0.00	44.01 2.22 0.00	44.59 2.36 0.00	40.98 1.98 0.00	38.86 1.61 0.00	47.07 1.23 0.00	89.41 2.60 0.00	140.68 2.82 0.00	45.01 0.78 0.00	34.03 0.42 0.00	33.14 0.74 0.00	30.38 0.53 0.00	29.08 0.20 0.00	19.32 -0.43 2.53	29.81 -0.48 0.00	26.38 -0.42 0.00	29.17 -0.69 0.00	35.72 -0.30 0.00	46.89 0.49 0.00	73.95 1.86 0.00	73.87 1.89 0.00	46.39 0.40 0.00	34.65 -0.06 0.00	31.65 -0.24 0.00
NEG WEST_LEA_LOCKPORT 23791	42.26 -2.96 0.00	38.91 -2.87 0.00	39.03 -3.21 0.00	35.91 -3.09 0.00	34.43 -2.82 0.00	43.38 -2.46 0.00	80.54 -6.27 0.00	113.95 -11.45 12.46	33.39 -3.56 7.29	23.09 -2.57 7.95	25.06 -2.70 4.64	20.41 -2.41 7.03	19.17 -2.38 7.33	13.86 -1.99 6.44	20.20 -2.95 7.14	17.24 -2.84 6.72	19.88 -2.86 7.12	23.95 -3.62 8.45	31.80 -4.85 9.75	51.83 -6.95 13.32	51.91 -7.11 12.96	32.64 -4.38 8.97	25.11 -3.24 6.37	28.92 -2.75 0.22
NEG WEST___LANCASTR 23811	43.41 -1.81 0.00	39.96 -1.83 0.00	40.03 -2.20 0.00	36.84 -2.16 0.00	35.31 -1.95 0.00	44.62 -1.23 0.00	83.12 -3.69 0.00	122.20 -7.16 8.51	37.09 -2.17 4.98	26.71 -1.47 5.43	27.61 -1.62 3.17	23.61 -1.44 4.80	22.37 -1.50 5.01	16.56 -1.33 4.40	25.25 -1.80 3.24	21.99 -1.76 3.05	24.88 -1.75 3.23	29.92 -2.26 3.83	38.76 -3.22 4.42	61.66 -4.38 6.04	61.52 -4.58 5.88	39.04 -2.88 4.07	29.66 -2.17 2.89	30.03 -1.76 0.10
NEG_PENN_ALLEGHNY 23528	44.63 -0.58 0.00	41.18 -0.60 0.00	41.49 -0.74 0.00	38.28 -0.72 0.00	36.61 -0.64 0.00	45.59 -0.26 0.00	86.14 -0.66 0.00	136.52 -1.35 0.00	43.52 -0.72 0.00	33.09 -0.52 0.00	31.97 -0.43 0.00	29.43 -0.42 0.00	28.45 -0.43 0.00	21.92 -0.36 0.00	29.81 -0.49 0.00	26.40 -0.40 0.00	29.48 -0.38 0.00	35.56 -0.46 0.00	45.59 -0.81 0.00	70.92 -1.17 0.00	70.69 -1.29 0.00	45.12 -0.87 0.00	33.98 -0.73 0.00	31.22 -0.68 0.00
NEG___GEN_MONROE 24207	43.80 -1.42 0.00	40.36 -1.42 0.00	40.59 -1.64 0.00	37.42 -1.59 0.00	35.87 -1.38 0.00	44.93 -0.92 0.00	84.26 -2.55 0.00	130.79 -4.72 2.36	41.26 -1.59 1.38	30.84 -1.27 1.50	30.19 -1.33 0.88	27.25 -1.27 1.33	26.17 -1.33 1.38	19.95 -1.12 1.22	27.35 -1.70 1.24	24.06 -1.58 1.17	27.06 -1.56 1.24	32.60 -1.95 1.47	42.18 -2.53 2.31	66.42 -3.36 2.31	66.27 -3.47 2.25	42.26 -2.18 1.55	31.95 -1.66 1.10	30.40 -1.45 0.04

NEPA___ENERGY 23901	43.19 -2.03 0.00	39.68 -2.10 0.00	39.69 -2.54 0.00	36.49 -2.51 0.00	34.82 -2.44 0.00	44.03 -1.82 0.00	82.92 -3.88 0.00	124.73 -7.64 5.50	38.22 -2.80 3.22	28.31 -1.79 3.51	28.80 -1.55 2.05	25.40 -1.35 3.10	24.25 -1.40 3.23	18.08 -1.37 2.84	25.16 -1.93 3.20	22.06 -1.73 3.01	24.77 -1.90 3.19	29.89 -2.34 3.79	38.62 -3.42 4.37	61.75 -4.45 5.89	61.74 -4.52 5.72	38.77 -3.27 3.96	29.30 -2.61 2.81	29.53 -2.26 0.10
NEVERSink___HYD 23608	46.45 1.23 0.00	43.32 1.54 0.00	43.79 1.56 0.00	40.47 1.48 0.00	38.77 1.52 0.00	48.18 2.34 0.00	91.24 4.44 0.00	145.67 7.80 0.00	46.50 2.27 0.00	35.25 1.64 0.00	33.79 1.39 0.00	30.93 1.08 0.00	29.98 1.09 0.00	23.23 0.94 0.00	31.62 1.33 0.00	28.07 1.27 0.00	31.40 1.54 0.00	38.20 2.18 0.00	49.16 2.76 0.00	76.34 4.25 0.00	76.23 4.24 0.00	48.66 2.67 0.00	36.60 1.88 0.00	33.45 1.56 0.00
NEWKRMKL_115KV_TB1 55635	45.99 0.77 0.00	42.52 0.74 0.00	43.07 0.84 0.00	39.83 0.83 0.00	38.14 0.89 0.00	47.39 1.54 0.00	89.03 2.22 0.00	141.93 4.07 0.00	45.39 1.15 0.00	34.35 0.74 0.00	32.89 0.49 0.00	30.23 0.39 0.00	29.26 0.38 0.00	22.72 0.44 0.00	30.92 0.63 0.00	27.42 0.62 0.00	30.64 0.78 0.00	36.94 0.92 0.00	47.43 1.03 0.00	73.68 1.59 0.00	73.60 1.61 0.00	46.98 0.98 0.00	35.50 0.79 0.00	32.55 0.66 0.00
NEWTON___FALLS_HYD 23847	44.83 -0.38 0.00	41.28 -0.50 0.00	41.72 -0.51 0.00	38.55 -0.44 0.00	36.72 -0.54 0.00	44.92 -0.93 0.00	86.03 -0.77 0.00	136.46 -1.41 0.00	43.62 -0.61 0.00	32.64 -0.97 0.00	31.48 -0.91 0.00	28.73 -1.11 0.00	27.70 -1.18 0.00	21.40 -1.15 -0.25	28.80 -1.49 0.00	25.41 -1.39 0.00	28.50 -1.36 0.00	35.23 -0.79 0.00	46.09 -0.31 0.00	70.92 -1.17 0.00	70.75 -1.23 0.00	44.91 -1.09 0.00	33.70 -1.02 0.00	30.87 -1.02 0.00
NGRID_A1_DSASP 323792	42.12 -3.10 0.00	38.78 -3.00 0.00	38.95 -3.28 0.00	35.83 -3.17 0.00	34.34 -2.92 0.00	43.26 -2.59 0.00	80.10 -6.70 0.00	115.84 -12.06 9.97	34.74 -3.65 5.85	24.69 -2.55 6.37	25.94 -2.74 3.72	21.85 -2.36 5.64	20.69 -2.30 5.88	15.21 -1.91 5.17	21.74 -2.91 5.64	18.65 -2.86 5.29	21.40 -2.85 5.60	25.71 -3.65 6.65	33.74 -4.99 7.67	54.34 -7.27 10.47	54.31 -7.48 10.19	34.17 -4.77 7.05	26.22 -3.49 5.01	28.73 -2.98 0.18
NGRID_A2_DSASP 323793	42.12 -3.10 0.00	38.78 -3.00 0.00	38.95 -3.28 0.00	35.83 -3.17 0.00	34.34 -2.92 0.00	43.26 -2.59 0.00	80.10 -6.70 0.00	115.84 -12.06 9.97	34.74 -3.65 5.85	24.69 -2.55 6.37	25.94 -2.74 3.72	21.85 -2.36 5.64	20.69 -2.30 5.88	15.21 -1.91 5.17	21.74 -2.91 5.64	18.65 -2.86 5.29	21.40 -2.85 5.60	25.71 -3.65 6.65	33.74 -4.99 7.67	54.34 -7.27 10.47	54.31 -7.48 10.19	34.17 -4.77 7.05	26.22 -3.49 5.01	28.73 -2.98 0.18
NGRID_A4_DSASP 323807	42.12 -3.10 0.00	38.78 -3.00 0.00	38.95 -3.28 0.00	35.83 -3.17 0.00	34.34 -2.92 0.00	43.26 -2.59 0.00	80.10 -6.70 0.00	115.84 -12.06 9.97	34.74 -3.65 5.85	24.69 -2.55 6.37	25.94 -2.74 3.72	21.85 -2.36 5.64	20.69 -2.30 5.88	15.21 -1.91 5.17	21.74 -2.91 5.64	18.65 -2.86 5.29	21.40 -2.85 5.60	25.71 -3.65 6.65	33.74 -4.99 7.67	54.34 -7.27 10.47	54.31 -7.48 10.19	34.17 -4.77 7.05	26.22 -3.49 5.01	28.73 -2.98 0.18
NIAGARA_115E_LBMP 323715	41.75 -3.47 0.00	38.44 -3.34 0.00	38.54 -3.69 0.00	35.47 -3.52 0.00	34.03 -3.23 0.00	42.84 -3.01 0.00	79.37 -7.44 0.00	114.41 -13.40 10.05	34.26 -4.10 5.88	24.26 -2.95 6.41	25.58 -3.08 3.74	21.44 -2.74 5.66	20.29 -2.68 5.91	14.88 -2.21 5.19	21.39 -3.30 5.60	18.36 -3.17 5.27	21.08 -3.19 5.59	25.34 -4.05 6.63	33.27 -5.48 7.65	53.66 -7.98 10.44	53.66 -8.16 10.17	33.96 -5.00 7.04	26.07 -3.66 4.99	28.62 -3.09 0.18
NIAGARA_115W_LBMP 323714	42.03 -3.19 0.00	38.70 -3.08 0.00	38.86 -3.37 0.00	35.75 -3.24 0.00	34.27 -2.98 0.00	43.16 -2.68 0.00	79.93 -6.88 0.00	115.54 -12.31 10.01	34.64 -3.73 5.87	24.59 -2.62 6.40	25.85 -2.81 3.73	21.77 -2.42 5.66	20.61 -2.36 5.90	15.15 -1.96 5.18	21.65 -2.97 5.68	18.56 -2.91 5.32	21.31 -2.91 5.64	25.60 -3.73 6.69	33.60 -5.08 7.72	54.13 -7.42 10.54	54.11 -7.61 10.26	34.00 -4.90 7.10	26.08 -3.59 5.04	28.65 -3.06 0.18
NIAGARA_230_LBMP 323716	42.18 -3.04 0.00	38.84 -2.95 0.00	39.00 -3.23 0.00	35.89 -3.11 0.00	34.39 -2.86 0.00	43.29 -2.56 0.00	80.32 -6.49 0.00	116.05 -11.59 10.23	34.71 -3.54 5.98	24.60 -2.49 6.53	25.92 -2.67 3.81	21.79 -2.29 5.77	20.62 -2.24 6.02	15.14 -1.86 5.29	21.60 -2.82 5.87	18.54 -2.75 5.51	21.26 -2.75 5.84	25.54 -3.54 6.94	33.56 -4.84 8.00	54.13 -7.04 10.92	54.14 -7.21 10.63	34.22 -4.42 7.36	26.27 -3.22 5.22	28.92 -2.79 0.18
NIAGARA___115KV_198_GIBSON 55903	42.03 -3.19 0.00	38.70 -3.08 0.00	38.87 -3.37 0.00	35.75 -3.25 0.00	34.27 -2.98 0.00	43.16 -2.68 0.00	79.93 -6.88 0.00	115.47 -12.39 10.01	34.58 -3.78 5.87	24.54 -2.67 6.40	25.81 -2.86 3.73	21.73 -2.46 5.66	20.57 -2.40 5.90	15.11 -1.99 5.18	21.63 -2.98 5.68	18.53 -2.94 5.32	21.25 -2.97 5.64	25.52 -3.81 6.69	33.54 -5.14 7.72	54.08 -7.47 10.54	54.04 -7.67 10.26	33.94 -4.96 7.10	26.04 -3.63 5.04	28.64 -3.07 0.18
NIAGARA___ 23760	42.18 -3.04 0.00	38.84 -2.95 0.00	39.00 -3.23 0.00	35.89 -3.11 0.00	34.39 -2.86 0.00	43.29 -2.56 0.00	80.32 -6.49 0.00	116.12 -11.59 10.16	34.76 -3.54 5.94	24.66 -2.49 6.47	25.95 -2.67 3.77	21.84 -2.29 5.72	20.68 -2.24 5.96	15.19 -1.86 5.23	21.73 -2.82 5.74	18.66 -2.75 5.39	21.39 -2.75 5.72	25.66 -3.54 6.81	33.70 -4.84 7.87	54.30 -7.04 10.75	54.31 -7.21 10.46	34.37 -4.42 7.21	26.41 -3.22 5.09	28.93 -2.79 0.18
NINE_MILE_1 23575	43.67 -1.56 0.00	40.33 -1.46 0.00	40.70 -1.53 0.00	37.59 -1.41 0.00	35.97 -1.29 0.00	44.47 -1.37 0.00	83.86 -2.95 0.00	133.16 -4.70 0.00	42.65 -1.58 0.00	32.44 -1.17 0.00	31.35 -1.05 0.00	28.85 -1.00 0.00	27.90 -0.98 0.00	21.54 -0.75 0.00	29.25 -1.05 0.00	25.84 -0.96 0.00	28.80 -1.06 0.00	34.64 -1.38 0.00	44.52 -1.88 0.00	69.14 -2.95 0.00	69.00 -2.98 0.00	44.09 -1.91 0.00	33.32 -1.40 0.00	30.65 -1.24 0.00
NINE_MILE_2 23744	43.66 -1.56 0.00	40.33 -1.46 0.00	40.70 -1.53 0.00	37.58 -1.42 0.00	35.96 -1.29 0.00	44.47 -1.37 0.00	83.84 -2.96 0.00	133.12 -4.75 0.00	42.65 -1.58 0.00	32.44 -1.18 0.00	31.34 -1.06 0.00	28.85 -1.00 0.00	27.90 -0.98 0.00	21.54 -0.75 0.00	29.25 -1.05 0.00	25.84 -0.96 0.00	28.79 -1.07 0.00	34.63 -1.38 0.00	44.52 -1.88 0.00	69.14 -2.95 0.00	68.99 -2.99 0.00	44.09 -1.91 0.00	33.32 -1.40 0.00	30.65 -1.24 0.00
NM_CAPITAL___DRP 24208	45.94 0.72 0.00	42.48 0.70 0.00	43.04 0.81 0.00	39.80 0.80 0.00	38.14 0.89 0.00	47.41 1.57 0.00	88.97 2.17 0.00	141.82 3.95 0.00	45.43 1.20 0.00	34.41 0.80 0.00	32.93 0.54 0.00	30.27 0.42 0.00	29.29 0.41 0.00	22.75 0.46 0.00	30.96 0.66 0.00	27.47 0.67 0.00	30.68 0.82 0.00	36.97 0.95 0.00	47.41 1.01 0.00	73.71 1.62 0.00	73.64 1.67 0.00	47.00 1.01 0.00	35.55 0.84 0.00	32.59 0.70 0.00

NM_CENTRAL___DRP 24181	44.24 -0.98 0.00	40.85 -0.93 0.00	41.20 -1.03 0.00	38.04 -0.96 0.00	36.42 -0.83 0.00	45.18 -0.66 0.00	85.24 -1.57 0.00	135.31 -2.55 0.00	43.29 -0.94 0.00	32.88 -0.73 0.00	31.75 -0.64 0.00	29.23 -0.62 0.00	28.27 -0.61 0.00	21.80 -0.48 0.00	29.62 -0.67 0.00	26.19 -0.60 0.00	29.25 -0.61 0.00	35.22 -0.79 0.00	45.23 -1.17 0.00	70.27 -1.82 0.00	70.09 -1.89 0.00	44.76 -1.23 0.00	33.79 -0.93 0.00	31.06 -0.83 0.00
NM_FRONTIER___DRP 24179	42.03 -3.19 0.00	38.70 -3.08 0.00	38.87 -3.37 0.00	35.75 -3.25 0.00	34.27 -2.98 0.00	43.16 -2.68 0.00	79.93 -6.88 0.00	115.47 -12.39 10.01	34.58 -3.78 5.87	24.54 -2.67 6.40	25.81 -2.86 3.73	21.73 -2.46 5.66	20.57 -2.40 5.90	15.11 -1.99 5.18	21.63 -2.98 5.68	18.53 -2.94 5.32	21.25 -2.97 5.64	25.52 -3.81 6.69	33.54 -5.14 7.72	54.08 -7.47 10.54	54.04 -7.67 10.26	33.94 -4.96 7.10	26.04 -3.63 5.04	28.64 -3.07 0.18
NM_ST_REGIS___HYD 24053	46.18 0.96 0.00	42.59 0.81 0.00	43.10 0.87 0.00	39.74 0.74 0.00	37.75 0.49 0.00	45.72 -0.13 0.00	87.54 0.73 0.00	138.32 0.46 0.00	44.32 0.09 0.00	33.41 -0.20 0.00	32.42 0.02 0.00	29.77 -0.08 0.00	28.67 -0.21 0.00	22.46 -0.45 -0.63	29.69 -0.60 0.00	26.20 -0.59 0.00	29.24 -0.62 0.00	35.61 -0.41 0.00	46.57 0.17 0.00	72.57 0.48 0.00	72.41 0.43 0.00	46.01 0.02 0.00	34.55 -0.16 0.00	31.72 -0.17 0.00
NORTHPORT___1 23551	46.48 1.26 0.00	43.26 1.48 0.00	43.60 1.36 0.00	40.12 1.12 0.00	38.64 1.38 0.00	47.79 1.94 0.00	89.79 2.99 0.00	143.44 6.00 0.43	45.93 1.70 0.00	35.00 1.39 0.00	33.80 1.40 0.00	30.84 0.99 0.00	29.74 0.86 0.00	22.93 0.64 0.01	31.46 1.17 0.00	28.11 1.31 0.00	31.43 1.57 0.00	37.83 1.82 0.00	48.52 2.12 0.00	75.89 3.80 0.00	75.89 3.91 0.00	48.55 2.56 0.00	36.61 1.90 0.00	33.38 1.49 0.00
NORTHPORT___2 23552	46.48 1.26 0.00	43.26 1.48 0.00	43.60 1.36 0.00	40.12 1.12 0.00	38.64 1.38 0.00	47.79 1.94 0.00	89.79 2.99 0.00	143.44 6.00 0.43	45.93 1.70 0.00	35.00 1.39 0.00	33.80 1.40 0.00	30.84 0.99 0.00	29.74 0.86 0.00	22.93 0.64 0.01	31.46 1.17 0.00	28.11 1.31 0.00	31.43 1.57 0.00	37.83 1.82 0.00	48.52 2.12 0.00	75.89 3.80 0.00	75.89 3.91 0.00	48.55 2.56 0.00	36.61 1.90 0.00	33.38 1.49 0.00
NORTHPORT___3 23553	46.25 1.03 0.00	43.02 1.24 0.00	43.37 1.14 0.00	39.88 0.88 0.00	38.33 1.08 0.00	47.37 1.52 0.00	88.84 2.03 0.00	142.00 4.58 0.45	45.58 1.35 0.00	34.77 1.16 0.00	33.64 1.24 0.00	30.71 0.86 0.00	29.61 0.73 0.00	22.85 0.56 0.01	31.29 1.00 0.00	27.95 1.16 0.00	31.24 1.38 0.00	37.50 1.48 0.00	48.15 1.75 0.00	75.19 3.10 0.00	75.41 3.43 0.00	48.27 2.28 0.00	36.40 1.69 0.00	33.22 1.33 0.00
NORTHPORT___4 23650	46.25 1.03 0.00	43.02 1.24 0.00	43.37 1.14 0.00	39.88 0.88 0.00	38.33 1.08 0.00	47.37 1.52 0.00	88.84 2.03 0.00	142.00 4.58 0.45	45.58 1.35 0.00	34.77 1.16 0.00	33.64 1.24 0.00	30.71 0.86 0.00	29.61 0.73 0.00	22.85 0.56 0.01	31.29 1.00 0.00	27.95 1.16 0.00	31.24 1.38 0.00	37.50 1.48 0.00	48.15 1.75 0.00	75.19 3.10 0.00	75.41 3.43 0.00	48.27 2.28 0.00	36.40 1.69 0.00	33.22 1.33 0.00
NORTHPORT___IC 23718	46.48 1.26 0.00	43.26 1.48 0.00	43.60 1.36 0.00	40.12 1.12 0.00	38.64 1.39 0.00	47.78 1.94 0.00	89.80 2.99 0.00	143.49 6.05 0.43	45.93 1.70 0.00	35.00 1.39 0.00	33.81 1.41 0.00	30.84 0.99 0.00	29.74 0.86 0.00	22.93 0.65 0.01	31.47 1.17 0.00	28.11 1.32 0.00	31.44 1.58 0.00	37.84 1.82 0.00	48.53 2.13 0.00	75.90 3.81 0.00	75.91 3.93 0.00	48.55 2.56 0.00	36.62 1.90 0.00	33.38 1.49 0.00
NORTH___COUNTRY_ESR 323785	46.80 1.59 0.00	43.14 1.36 0.00	43.68 1.45 0.00	40.20 1.20 0.00	38.12 0.87 0.00	46.11 0.27 0.00	87.88 1.07 0.00	138.78 0.91 0.00	44.46 0.22 0.00	33.71 0.10 0.00	32.77 0.37 0.00	30.13 0.29 0.00	28.85 -0.04 0.00	19.17 -0.47 2.66	29.77 -0.52 0.00	26.38 -0.41 0.00	29.28 -0.58 0.00	35.65 -0.37 0.00	46.58 0.18 0.00	72.93 0.84 0.00	72.84 0.86 0.00	45.94 -0.06 0.00	34.35 -0.37 0.00	31.50 -0.39 0.00
NPX_GEN_1385_PROXY 323591	46.06 0.84 0.00	42.97 1.18 0.00	43.58 1.35 0.00	39.76 0.76 0.00	38.62 1.37 0.00	47.37 1.52 0.00	97.96 2.84 -8.32	142.29 4.85 0.43	45.50 1.26 0.00	34.76 1.15 0.00	33.57 1.17 0.00	30.66 0.81 0.00	29.25 0.37 0.00	22.59 0.30 0.01	31.42 1.13 0.00	28.01 1.22 0.00	31.35 1.49 0.00	37.67 1.65 0.00	47.98 1.59 0.00	75.43 3.34 0.00	75.47 3.49 0.00	48.08 2.09 0.00	36.60 1.88 0.00	33.87 1.49 -0.49
NPX_GEN_CSC 323557	46.08 0.86 0.00	43.13 1.35 0.00	43.15 0.92 0.00	39.73 0.73 0.00	38.55 1.29 0.00	47.83 1.99 0.00	97.80 2.68 -8.32	144.01 6.59 0.45	45.68 1.44 0.00	34.61 1.00 0.00	33.51 1.12 0.00	30.26 0.42 0.00	29.31 0.43 0.00	22.27 -0.01 0.01	30.61 0.31 0.00	27.63 0.84 0.00	30.96 1.10 0.00	37.45 1.43 0.00	48.33 1.93 0.00	75.88 3.79 0.00	75.91 3.93 0.00	48.67 2.68 0.00	36.61 1.90 0.00	33.70 1.32 -0.49
NSINS_S_GLNS_FALLS 23858	46.79 1.57 0.00	43.20 1.41 0.00	43.80 1.57 0.00	40.53 1.53 0.00	38.87 1.62 0.00	48.42 2.57 0.00	91.01 4.20 0.00	144.84 6.97 0.00	46.34 2.11 0.00	34.81 1.20 0.00	33.04 0.64 0.00	30.23 0.38 0.00	29.17 0.29 0.00	22.60 0.31 0.00	30.89 0.59 0.00	27.38 0.59 0.00	30.85 0.99 0.00	37.48 1.46 0.00	48.13 1.73 0.00	75.08 2.99 0.00	75.21 3.23 0.00	47.89 1.90 0.00	36.17 1.45 0.00	33.24 1.35 0.00
NUCOR_STEEL___DRP 24197	44.63 -0.59 0.00	41.38 -0.40 0.00	41.58 -0.65 0.00	38.49 -0.50 0.00	36.90 -0.35 0.00	45.82 -0.02 0.00	86.58 -0.22 0.00	137.36 -0.51 0.00	43.65 -0.58 0.00	33.15 -0.46 0.00	31.98 -0.42 0.00	29.42 -0.43 0.00	28.42 -0.46 0.00	21.93 -0.36 0.00	29.80 -0.50 0.00	26.25 -0.54 0.00	29.52 -0.34 0.00	35.64 -0.38 0.00	45.78 -0.62 0.00	71.23 -0.86 0.00	71.05 -0.93 0.00	45.23 -0.76 0.00	34.17 -0.54 0.00	31.40 -0.49 0.00
NUMBER_THREE_WT_PWR 323818	44.66 -0.56 0.00	41.01 -0.77 0.00	41.41 -0.82 0.00	38.34 -0.66 0.00	36.55 -0.70 0.00	45.16 -0.69 0.00	86.50 -0.31 0.00	137.84 -0.03 0.00	44.01 -0.22 0.00	32.76 -0.85 0.00	31.45 -0.95 0.00	28.55 -1.30 0.00	27.45 -1.43 0.00	21.07 -1.34 -0.12	28.65 -1.64 0.00	25.27 -1.53 0.00	28.43 -1.43 0.00	35.51 -0.51 0.00	46.57 0.17 0.00	70.80 -1.29 0.00	70.70 -1.28 0.00	44.70 -1.30 0.00	33.45 -1.27 0.00	30.56 -1.33 0.00
NYISO_LBMP_REFERENCE 24008	45.22 0.00 0.00	41.78 0.00 0.00	42.23 0.00 0.00	39.00 0.00 0.00	37.25 0.00 0.00	45.84 0.00 0.00	86.81 0.00 0.00	137.87 0.00 0.00	44.24 0.00 0.00	33.61 0.00 0.00	32.40 0.00 0.00	29.85 0.00 0.00	28.88 0.00 0.00	22.29 0.00 0.00	30.30 0.00 0.00	26.80 0.00 0.00	29.86 0.00 0.00	36.02 0.00 0.00	46.40 0.00 0.00	72.09 0.00 0.00	71.98 0.00 0.00	45.99 0.00 0.00	34.72 0.00 0.00	31.89 0.00 0.00

NYPA_BRENTWD____GT 24164	46.89 1.67 0.00	43.61 1.83 0.00	43.91 1.68 0.00	40.41 1.41 0.00	38.94 1.69 0.00	48.26 2.42 0.00	90.62 3.82 0.00	144.78 7.35 0.43	46.35 2.12 0.00	35.31 1.70 0.00	34.03 1.64 0.00	31.02 1.17 0.00	29.91 1.03 0.00	23.04 0.76 0.01	31.59 1.30 0.00	28.25 1.45 0.00	31.62 1.76 0.00	38.17 2.15 0.00	49.11 2.71 0.00	76.81 4.72 0.00	76.78 4.80 0.00	49.10 3.11 0.00	36.98 2.26 0.00	33.67 1.78 0.00
NYPA_GOWANUS____GT5 24156	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.60 1.85 -20.45	53.62 1.79 -25.03	53.75 2.00 -21.89	57.92 2.38 -19.51	66.45 2.89 -17.16	94.08 4.31 -17.68	98.44 4.51 -21.95	80.90 2.98 -31.93	54.58 2.17 -17.69	53.68 1.78 -20.01
NYPA_GOWANUS____GT6 24157	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.46 4.65 -0.01	147.81 8.77 -1.17	60.79 2.77 -13.79	54.45 2.17 -18.67	54.28 1.95 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.37 1.35 -40.74	52.60 1.85 -20.45	53.62 1.79 -25.03	53.75 2.00 -21.89	57.92 2.38 -19.51	66.45 2.89 -17.16	94.08 4.31 -17.68	98.44 4.51 -21.95	80.90 2.98 -31.93	54.58 2.17 -17.69	53.68 1.78 -20.01
NYPA_HARLEM__RVR__GT1 24160	46.47 1.24 0.00	43.06 1.27 0.00	43.49 1.26 0.00	40.16 1.16 0.00	38.50 1.24 0.00	47.77 1.92 0.00	90.39 3.58 0.00	144.95 7.08 0.00	46.44 2.20 0.00	35.37 1.75 -0.01	33.93 1.53 -0.01	31.16 1.32 0.01	30.13 1.26 0.01	23.42 1.13 0.00	31.88 1.58 -0.01	28.34 1.54 -0.01	31.54 1.68 0.00	38.06 2.04 0.00	48.79 2.40 0.01	75.71 3.62 0.00	75.73 3.74 0.00	48.42 2.43 -0.01	36.49 1.77 0.00	33.30 1.41 -0.01
NYPA_HARLEM__RVR__GT2 24161	46.47 1.24 0.00	43.06 1.27 0.00	43.49 1.26 0.00	40.16 1.16 0.00	38.50 1.24 0.00	47.77 1.92 0.00	90.39 3.58 0.00	144.95 7.08 0.00	46.44 2.20 0.00	35.37 1.75 -0.01	33.93 1.53 -0.01	31.16 1.32 0.01	30.13 1.26 0.01	23.42 1.13 0.00	31.88 1.58 -0.01	28.34 1.54 -0.01	31.54 1.68 0.00	38.06 2.04 0.00	48.79 2.40 0.01	75.71 3.62 0.00	75.73 3.74 0.00	48.42 2.43 -0.01	36.49 1.77 0.00	33.30 1.41 -0.01
NYPA_KENT____GT 24152	51.21 1.70 -4.29	49.28 1.67 -5.82	49.40 1.64 -5.53	47.91 1.52 -7.40	47.38 1.57 -8.56	52.63 2.39 -4.40	91.25 4.43 0.00	146.98 8.41 -0.70	55.26 2.64 -8.38	47.71 2.10 -12.00	46.74 1.87 -12.48	46.18 1.57 -14.77	49.87 1.50 -19.49	54.54 1.32 -30.93	44.90 1.80 -12.81	44.22 1.75 -15.68	45.51 1.94 -13.71	50.55 2.32 -12.22	59.78 2.79 -10.59	86.92 4.19 -10.64	90.08 4.35 -13.75	68.16 2.85 -19.31	47.44 2.08 -10.65	45.95 1.69 -12.37
NYPA_POUCH1____GT 24155	54.05 1.71 -7.12	53.18 1.71 -9.68	53.08 1.67 -9.18	52.81 1.52 -12.29	53.04 1.57 -14.22	55.51 2.36 -7.30	91.19 4.37 -0.01	147.40 8.37 -1.17	60.67 2.64 -13.79	54.35 2.07 -18.67	54.19 1.86 -19.93	53.65 1.53 -22.27	53.66 1.45 -23.33	52.75 1.26 -29.21	52.49 1.74 -20.45	53.55 1.71 -25.03	53.65 1.90 -21.89	57.79 2.26 -19.51	64.51 2.73 -15.38	90.60 4.08 -14.43	98.23 4.30 -21.95	80.82 2.89 -31.93	54.51 2.11 -17.69	53.61 1.71 -20.01
NYPA_VERNON____GT2 24162	48.27 1.60 -1.45	45.32 1.56 -1.97	45.63 1.53 -1.87	42.91 1.40 -2.50	41.62 1.47 -2.90	49.62 2.28 -1.49	91.03 4.22 0.00	146.13 8.02 -0.24	49.72 2.52 -2.97	40.96 2.01 -5.34	39.22 1.79 -5.03	38.62 1.50 -7.27	41.53 1.45 -11.20	44.69 1.28 -21.13	37.21 1.76 -5.16	34.82 1.71 -6.32	37.26 1.88 -5.52	43.19 2.26 -4.92	53.12 2.71 -4.01	79.75 4.05 -3.60	81.71 4.18 -5.54	55.42 2.73 -6.69	40.30 1.98 -3.60	38.22 1.60 -4.73
NYPA_VERNON____GT3 24163	48.27 1.60 -1.45	45.32 1.56 -1.97	45.63 1.53 -1.87	42.91 1.40 -2.50	41.62 1.47 -2.90	49.62 2.28 -1.49	91.03 4.22 0.00	146.13 8.02 -0.24	49.72 2.52 -2.97	40.96 2.01 -5.34	39.22 1.79 -5.03	38.62 1.50 -7.27	41.53 1.45 -11.20	44.69 1.28 -21.13	37.21 1.76 -5.16	34.82 1.71 -6.32	37.26 1.88 -5.52	43.19 2.26 -4.92	53.12 2.71 -4.01	79.75 4.05 -3.60	81.71 4.18 -5.54	55.42 2.73 -6.69	40.30 1.98 -3.60	38.22 1.60 -4.73
NYPA__ASTORIA_CC1 323568	46.77 1.55 0.00	43.30 1.52 0.00	43.72 1.49 0.00	40.37 1.37 0.00	38.69 1.44 0.00	48.08 2.24 0.00	90.95 4.14 0.00	145.75 7.88 0.00	46.87 2.48 -0.16	37.14 1.98 -1.55	35.13 1.75 -0.99	34.09 1.48 -2.76	35.90 1.42 -5.60	36.50 1.26 -12.96	33.03 1.73 -1.01	29.71 1.68 -1.23	32.78 1.85 -1.07	39.19 2.22 -0.95	49.59 2.66 -0.53	76.07 3.98 0.00	77.19 4.13 -1.09	49.00 2.69 -0.32	36.67 1.95 0.00	34.12 1.57 -0.66
NYPA__ASTORIA_CC2 323569	46.77 1.55 0.00	43.30 1.52 0.00	43.72 1.49 0.00	40.37 1.37 0.00	38.69 1.44 0.00	48.08 2.24 0.00	90.95 4.14 0.00	145.75 7.88 0.00	46.87 2.48 -0.16	37.14 1.98 -1.55	35.13 1.75 -0.99	34.09 1.48 -2.76	35.90 1.42 -5.60	36.50 1.26 -12.96	33.03 1.73 -1.01	29.71 1.68 -1.23	32.78 1.85 -1.07	39.19 2.22 -0.95	49.59 2.66 -0.53	76.07 3.98 0.00	77.19 4.13 -1.09	49.00 2.69 -0.32	36.67 1.95 0.00	34.12 1.57 -0.66
NYPA__HOLTSVILL 23794	46.47 1.26 0.00	43.27 1.49 0.00	43.51 1.28 0.00	40.06 1.06 0.00	38.66 1.40 0.00	47.93 2.09 0.00	90.01 3.21 0.00	144.17 6.75 0.45	46.02 1.78 0.00	34.96 1.35 0.00	33.73 1.33 0.00	30.70 0.85 0.00	29.65 0.77 0.00	22.77 0.49 0.01	31.22 0.93 0.00	27.97 1.17 0.00	31.30 1.44 0.00	37.80 1.78 0.00	48.64 2.24 0.00	76.13 4.04 0.00	76.13 4.15 0.00	48.76 2.77 0.00	36.71 1.99 0.00	33.42 1.53 0.00
NYPA__HELLGATE_GT1 24158	46.47 1.24 0.00	43.06 1.27 0.00	43.49 1.26 0.00	40.16 1.16 0.00	38.50 1.24 0.00	47.77 1.92 0.00	90.39 3.58 0.00	144.95 7.08 0.00	46.44 2.20 0.00	35.37 1.75 -0.01	33.93 1.53 -0.01	31.16 1.32 0.01	30.13 1.26 0.01	23.42 1.13 0.00	31.88 1.58 -0.01	28.34 1.54 -0.01	31.54 1.68 0.00	38.06 2.04 0.00	48.79 2.39 0.01	75.64 3.56 0.00	75.69 3.70 0.00	48.42 2.43 -0.01	36.49 1.77 0.00	33.30 1.41 -0.01
NYPA__HELLGATE_GT2 24159	46.47 1.24 0.00	43.06 1.27 0.00	43.49 1.26 0.00	40.16 1.16 0.00	38.50 1.24 0.00	47.77 1.92 0.00	90.39 3.58 0.00	144.95 7.08 0.00	46.44 2.20 0.00	35.37 1.75 -0.01	33.93 1.53 -0.01	31.16 1.32 0.01	30.13 1.26 0.01	23.42 1.13 0.00	31.88 1.58 -0.01	28.34 1.54 -0.01	31.54 1.68 0.00	38.06 2.04 0.00	48.79 2.39 0.01	75.64 3.56 0.00	75.69 3.70 0.00	48.42 2.43 -0.01	36.49 1.77 0.00	33.30 1.41 -0.01
NYS_BARGE__HYD 23848	42.33 -2.89 0.00	38.97 -2.82 0.00	39.08 -3.15 0.00	35.96 -3.04 0.00	34.48 -2.77 0.00	43.45 -2.39 0.00	80.64 -6.16 0.00	116.09 -11.21 10.57	34.61 -3.45 6.18	24.38 -2.49 6.74	25.84 -2.63 3.93	21.52 -2.37 5.96	20.33 -2.33 6.22	14.89 -1.94 5.46	21.39 -2.92 5.98	18.37 -2.81 5.62	21.11 -2.79 5.96	25.42 -3.52 7.07	33.48 -4.77 8.16	54.12 -6.82 11.14	54.16 -6.98 10.85	34.20 -4.29 7.50	26.23 -3.16 5.33	29.01 -2.69 0.19

OAK ORCHARD___HYD 24046	43.57 -1.65 0.00	40.16 -1.62 0.00	40.42 -1.81 0.00	37.27 -1.73 0.00	35.72 -1.53 0.00	44.66 -1.19 0.00	83.72 -3.09 0.00	130.47 -5.39 2.01	41.30 -1.76 1.17	31.00 -1.32 1.28	30.30 -1.36 0.75	27.47 -1.24 1.13	26.44 -1.26 1.18	20.20 -1.05 1.04	28.68 -1.61 0.00	25.29 -1.51 0.00	28.36 -1.49 0.00	34.12 -1.90 0.00	43.84 -2.56 0.00	68.48 -3.61 0.00	68.24 -3.74 0.00	43.65 -2.34 0.00	32.96 -1.75 0.00	30.32 -1.56 0.00
OAKDALE___35_KV_LOAD 356122	44.61 -0.61 0.00	41.17 -0.62 0.00	41.47 -0.76 0.00	38.27 -0.73 0.00	36.60 -0.65 0.00	45.55 -0.30 0.00	85.99 -0.82 0.00	136.25 -1.62 0.00	43.47 -0.77 0.00	33.08 -0.53 0.00	31.96 -0.43 0.00	29.42 -0.43 0.00	28.44 -0.44 0.00	21.92 -0.37 0.00	29.81 -0.48 0.00	26.39 -0.40 0.00	29.45 -0.41 0.00	35.51 -0.50 0.00	45.54 -0.86 0.00	70.84 -1.25 0.00	70.61 -1.37 0.00	45.07 -0.93 0.00	33.97 -0.75 0.00	31.21 -0.68 0.00
OCC_CHEM___DRP 24175	42.12 -3.10 0.00	38.78 -3.00 0.00	38.95 -3.28 0.00	35.83 -3.17 0.00	34.34 -2.92 0.00	43.25 -2.59 0.00	80.10 -6.71 0.00	115.77 -12.12 9.97	34.70 -3.70 5.85	24.63 -2.61 6.37	25.89 -2.79 3.72	21.81 -2.39 5.64	20.65 -2.35 5.88	15.17 -1.95 5.17	21.72 -2.93 5.64	18.62 -2.89 5.29	21.35 -2.91 5.60	25.63 -3.74 6.65	33.68 -5.05 7.67	54.29 -7.33 10.47	54.25 -7.53 10.19	34.11 -4.82 7.05	26.18 -3.53 5.01	28.73 -2.98 0.18
OH_GEN_PROXY 24063	42.24 -2.98 0.00	38.90 -2.88 0.00	39.07 -3.16 0.00	35.97 -3.03 0.00	34.46 -2.79 0.00	43.36 -2.48 0.00	88.88 -6.24 -8.32	117.67 -11.17 9.03	35.53 -3.43 5.28	25.45 -2.41 5.75	26.45 -2.59 3.35	22.54 -2.22 5.09	21.40 -2.17 5.31	15.82 -1.81 4.66	22.37 -2.73 5.19	19.25 -2.67 4.88	22.00 -2.68 5.18	26.44 -3.43 6.15	34.63 -4.68 7.09	55.64 -6.78 9.68	55.59 -6.97 9.42	35.20 -4.28 6.52	26.96 -3.14 4.63	29.50 -2.71 -0.33
OLIN_CORP_DRP 24177	41.84 -3.38 0.00	38.52 -3.26 0.00	38.64 -3.59 0.00	35.55 -3.45 0.00	34.10 -3.15 0.00	42.94 -2.91 0.00	79.56 -7.25 0.00	114.80 -13.14 9.92	34.40 -4.04 5.79	24.39 -2.91 6.32	25.67 -3.05 3.69	21.56 -2.70 5.59	20.41 -2.64 5.83	14.98 -2.18 5.12	21.57 -3.23 5.49	18.50 -3.13 5.16	21.21 -3.17 5.47	25.49 -4.03 6.50	33.49 -5.42 7.50	54.01 -7.85 10.23	53.99 -8.03 9.96	34.18 -4.92 6.89	26.22 -3.60 4.89	28.69 -3.03 0.17
OLIN_CORP_DSASP 323712	42.12 -3.10 0.00	38.78 -3.00 0.00	38.95 -3.28 0.00	35.83 -3.17 0.00	34.34 -2.92 0.00	43.26 -2.59 0.00	80.10 -6.70 0.00	115.84 -12.06 9.97	34.74 -3.65 5.85	24.69 -2.55 6.37	25.94 -2.74 3.72	21.85 -2.36 5.64	20.69 -2.30 5.88	15.21 -1.91 5.17	21.74 -2.91 5.64	18.65 -2.86 5.29	21.40 -2.85 5.60	25.71 -3.65 6.65	33.74 -4.99 7.67	54.34 -7.27 10.47	54.31 -7.48 10.19	34.17 -4.77 7.05	26.22 -3.49 5.01	28.73 -2.98 0.18
ONEIDA_HERK_LFGE 323681	45.46 0.24 0.00	41.88 0.09 0.00	42.30 0.07 0.00	39.11 0.11 0.00	37.37 0.12 0.00	46.25 0.41 0.00	88.05 1.25 0.00	140.08 2.21 0.00	44.70 0.46 0.00	33.55 -0.07 0.00	32.23 -0.17 0.00	29.42 -0.43 0.00	28.40 -0.48 0.00	21.91 -0.44 -0.06	29.76 -0.53 0.00	26.30 -0.50 0.00	29.57 -0.29 0.00	36.25 0.23 0.00	47.09 0.69 0.00	72.43 0.34 0.00	72.33 0.35 0.00	45.96 -0.03 0.00	34.53 -0.19 0.00	31.59 -0.30 0.00
ONEIDA___115KV_TB4 55905	45.70 0.48 0.00	42.16 0.38 0.00	42.54 0.31 0.00	39.31 0.31 0.00	37.61 0.36 0.00	46.70 0.85 0.00	88.60 1.79 0.00	140.88 3.02 0.00	44.85 0.62 0.00	33.71 0.10 0.00	32.42 0.02 0.00	29.68 -0.17 0.00	28.70 -0.18 0.00	22.12 -0.16 0.00	30.09 -0.20 0.00	26.60 -0.20 0.00	29.96 0.10 0.00	36.46 0.44 0.00	47.14 0.74 0.00	73.10 1.01 0.00	72.94 0.96 0.00	46.44 0.45 0.00	34.94 0.22 0.00	32.00 0.11 0.00
ONONDAGA_REF_OCCRA 23987	44.50 -0.71 0.00	41.09 -0.69 0.00	41.46 -0.78 0.00	38.27 -0.73 0.00	36.64 -0.62 0.00	45.46 -0.38 0.00	85.82 -0.99 0.00	136.27 -1.60 0.00	43.54 -0.69 0.00	33.04 -0.57 0.00	31.89 -0.51 0.00	29.34 -0.51 0.00	28.38 -0.50 0.00	21.89 -0.39 0.00	29.74 -0.55 0.00	26.30 -0.49 0.00	29.40 -0.46 0.00	35.45 -0.57 0.00	45.55 -0.85 0.00	70.76 -1.33 0.00	70.57 -1.41 0.00	45.08 -0.92 0.00	34.00 -0.71 0.00	31.24 -0.65 0.00
ONONDAGA___COGEN 23986	44.46 -0.76 0.00	41.07 -0.71 0.00	41.42 -0.82 0.00	38.25 -0.75 0.00	36.61 -0.64 0.00	45.42 -0.42 0.00	85.76 -1.05 0.00	136.15 -1.71 0.00	43.49 -0.74 0.00	33.02 -0.60 0.00	31.88 -0.51 0.00	29.35 -0.50 0.00	28.37 -0.51 0.00	21.89 -0.39 0.00	29.74 -0.56 0.00	26.28 -0.51 0.00	29.39 -0.47 0.00	35.42 -0.60 0.00	45.51 -0.89 0.00	70.70 -1.39 0.00	70.52 -1.46 0.00	45.02 -0.98 0.00	33.98 -0.74 0.00	31.23 -0.66 0.00
ONTARIO___LFGE 23819	44.14 -1.08 0.00	40.74 -1.05 0.00	40.94 -1.29 0.00	37.76 -1.24 0.00	36.16 -1.09 0.00	45.21 -0.64 0.00	85.31 -1.49 0.00	140.68 -3.03 -5.84	46.31 -1.34 -3.41	36.33 -1.00 -3.72	33.60 -0.97 -2.17	32.21 -0.93 -3.29	31.19 -1.13 -3.44	24.39 -0.92 -3.02	32.59 -1.26 -3.56	29.02 -1.12 -3.34	32.46 -0.94 -3.54	39.14 -1.08 -4.21	49.65 -1.61 -4.85	76.37 -2.37 -6.64	75.97 -2.48 -6.46	48.86 -1.61 -4.47	36.66 -1.23 -3.17	30.87 -1.14 -0.11
ORANGEVILLE_WT_PWR 323706	41.54 -3.68 0.00	38.25 -3.53 0.00	38.23 -4.00 0.00	35.11 -3.89 0.00	33.60 -3.66 0.00	42.43 -3.42 0.00	79.51 -7.30 0.00	59.00 -13.52 65.35	1.54 -4.50 38.20	-11.28 -3.23 41.65	5.12 -2.98 24.30	-9.79 -2.79 36.84	-12.46 -2.90 38.44	-13.86 -2.37 33.77	-12.41 -3.38 39.33	-13.17 -3.01 36.97	-12.47 -3.14 39.19	-14.23 -3.73 46.52	-12.36 -5.10 53.66	-8.86 -7.55 73.40	-7.12 -7.63 71.48	-8.36 -4.89 49.47	-4.14 -3.75 35.11	27.25 -3.40 1.24
ORANGEVILLE___ESR 323794	41.54 -3.68 0.00	38.25 -3.53 0.00	38.23 -4.00 0.00	35.11 -3.89 0.00	33.60 -3.66 0.00	42.43 -3.42 0.00	79.51 -7.30 0.00	59.00 -13.52 65.35	1.54 -4.50 38.20	-11.28 -3.23 41.65	5.12 -2.98 24.30	-9.79 -2.79 36.84	-12.46 -2.90 38.44	-13.86 -2.37 33.77	-12.41 -3.38 39.33	-13.17 -3.01 36.97	-12.47 -3.14 39.19	-14.23 -3.73 46.52	-12.36 -5.10 53.66	-8.86 -7.55 73.40	-7.12 -7.63 71.48	-8.36 -4.89 49.47	-4.14 -3.75 35.11	27.25 -3.40 1.24
OSWEGATCHIE___HYD 24044	44.83 -0.39 0.00	41.28 -0.51 0.00	41.72 -0.51 0.00	38.56 -0.44 0.00	36.71 -0.54 0.00	44.92 -0.92 0.00	86.03 -0.78 0.00	136.46 -1.41 0.00	43.62 -0.61 0.00	32.64 -0.97 0.00	31.48 -0.91 0.00	28.73 -1.11 0.00	27.70 -1.18 0.00	21.39 -1.15 -0.25	28.80 -1.49 0.00	25.41 -1.39 0.00	28.50 -1.36 0.00	35.23 -0.79 0.00	46.09 -0.31 0.00	70.91 -1.18 0.00	70.75 -1.23 0.00	44.91 -1.09 0.00	33.70 -1.02 0.00	30.87 -1.02 0.00
OSWEGO___5 23606	43.90 -1.32 0.00	40.55 -1.23 0.00	40.92 -1.31 0.00	37.78 -1.22 0.00	36.16 -1.09 0.00	44.73 -1.11 0.00	84.39 -2.42 0.00	133.98 -3.89 0.00	42.90 -1.34 0.00	32.61 -1.00 0.00	31.50 -0.90 0.00	28.99 -0.85 0.00	28.03 -0.85 0.00	21.64 -0.65 0.00	29.39 -0.90 0.00	25.97 -0.83 0.00	28.96 -0.90 0.00	34.86 -1.16 0.00	44.81 -1.60 0.00	69.61 -2.48 0.00	69.45 -2.53 0.00	44.37 -1.62 0.00	33.52 -1.19 0.00	30.83 -1.06 0.00

OSWEGO___6 23613	43.90 -1.32 0.00	40.55 -1.23 0.00	40.92 -1.31 0.00	37.78 -1.22 0.00	36.16 -1.09 0.00	44.73 -1.11 0.00	84.39 -2.42 0.00	133.98 -3.89 0.00	42.90 -1.34 0.00	32.61 -1.00 0.00	31.50 -0.90 0.00	28.99 -0.85 0.00	28.03 -0.85 0.00	21.64 -0.65 0.00	29.39 -0.90 0.00	25.97 -0.83 0.00	28.96 -0.90 0.00	34.86 -1.16 0.00	44.81 -1.60 0.00	69.61 -2.48 0.00	69.45 -2.53 0.00	44.37 -1.62 0.00	33.52 -1.19 0.00	30.83 -1.06 0.00
OUTOKUMPU-AB___DRP 24206	42.83 -2.39 0.00	39.47 -2.32 0.00	39.56 -2.67 0.00	36.40 -2.60 0.00	34.88 -2.37 0.00	43.99 -1.85 0.00	81.72 -5.09 0.00	118.65 -9.51 9.71	35.65 -2.91 5.68	25.39 -2.02 6.20	26.60 -2.19 3.62	22.47 -1.90 5.48	21.26 -1.91 5.72	15.65 -1.62 5.02	22.49 -2.45 5.36	19.35 -2.41 5.03	22.14 -2.38 5.33	26.63 -3.06 6.33	34.96 -4.14 7.30	56.29 -5.84 9.96	56.25 -6.03 9.70	35.48 -3.81 6.71	27.13 -2.83 4.76	29.34 -2.38 0.17
OXBOW___BTM 323836	42.42 -2.80 0.00	39.07 -2.72 0.00	39.20 -3.03 0.00	36.06 -2.94 0.00	34.55 -2.70 0.00	43.56 -2.29 0.00	80.79 -6.01 0.00	117.11 -10.92 9.84	35.18 -3.29 5.76	25.03 -2.29 6.28	26.26 -2.48 3.67	22.14 -2.15 5.55	20.96 -2.12 5.80	15.42 -1.77 5.09	22.10 -2.69 5.50	18.99 -2.65 5.16	21.77 -2.62 5.46	26.18 -3.35 6.49	34.35 -4.57 7.48	55.28 -6.60 10.21	55.25 -6.79 9.94	34.81 -4.30 6.88	26.65 -3.18 4.89	29.00 -2.72 0.17
OXBOW____ 24026	42.41 -2.80 0.00	39.07 -2.72 0.00	39.20 -3.03 0.00	36.06 -2.94 0.00	34.55 -2.70 0.00	43.56 -2.29 0.00	80.80 -6.01 0.00	117.06 -10.98 9.84	35.13 -3.34 5.76	24.98 -2.35 6.28	26.21 -2.52 3.67	22.11 -2.18 5.55	20.92 -2.16 5.80	15.39 -1.81 5.09	22.08 -2.72 5.50	18.96 -2.68 5.16	21.72 -2.68 5.46	26.10 -3.43 6.49	34.30 -4.62 7.48	55.23 -6.65 10.21	55.20 -6.84 9.94	34.76 -4.35 6.88	26.62 -3.21 4.89	29.00 -2.72 0.17
OXY_CHEM_DSASP 323612	42.12 -3.10 0.00	38.78 -3.00 0.00	38.95 -3.28 0.00	35.83 -3.17 0.00	34.34 -2.92 0.00	43.25 -2.59 0.00	80.10 -6.71 0.00	115.77 -12.12 9.97	34.70 -3.70 5.85	24.63 -2.61 6.37	25.89 -2.79 3.72	21.81 -2.39 5.64	20.65 -2.35 5.88	15.17 -1.95 5.17	21.72 -2.93 5.64	18.62 -2.89 5.29	21.35 -2.91 5.60	25.63 -3.74 6.65	33.68 -5.05 7.67	54.29 -7.33 10.47	54.25 -7.53 10.19	34.11 -4.82 7.05	26.18 -3.53 5.01	28.73 -2.98 0.18
OZONE_PARK_ESR 323760	47.01 1.79 0.00	43.51 1.72 0.00	43.90 1.67 0.00	40.55 1.55 0.00	38.85 1.60 0.00	48.32 2.48 0.00	91.43 4.63 0.00	146.54 8.67 0.00	46.93 2.69 0.00	35.73 2.13 0.00	34.28 1.88 0.00	31.45 1.60 0.00	30.41 1.53 0.00	23.63 1.34 0.00	32.13 1.83 0.00	28.57 1.77 0.00	31.82 1.96 0.00	38.38 2.36 0.00	49.30 2.90 0.00	76.49 4.40 0.00	76.51 4.53 0.00	48.92 2.92 0.00	36.83 2.11 0.00	33.61 1.72 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	42.12 -3.10 0.00	38.78 -3.00 0.00	38.95 -3.28 0.00	35.83 -3.17 0.00	34.34 -2.92 0.00	43.25 -2.59 0.00	80.10 -6.71 0.00	115.77 -12.12 9.97	34.70 -3.70 5.85	24.63 -2.61 6.37	25.89 -2.79 3.72	21.81 -2.39 5.64	20.65 -2.35 5.88	15.17 -1.95 5.17	21.72 -2.93 5.64	18.62 -2.89 5.29	21.35 -2.91 5.60	25.63 -3.74 6.65	33.68 -5.05 7.67	54.29 -7.33 10.47	54.25 -7.53 10.19	34.11 -4.82 7.05	26.18 -3.53 5.01	28.73 -2.98 0.18
PACKARD___115KV_DUPONT_184 80571	42.12 -3.10 0.00	38.78 -3.00 0.00	38.95 -3.28 0.00	35.83 -3.17 0.00	34.34 -2.92 0.00	43.25 -2.59 0.00	80.10 -6.71 0.00	115.77 -12.12 9.97	34.70 -3.70 5.85	24.63 -2.61 6.37	25.89 -2.79 3.72	21.81 -2.39 5.64	20.65 -2.35 5.88	15.17 -1.95 5.17	21.72 -2.93 5.64	18.62 -2.89 5.29	21.35 -2.91 5.60	25.63 -3.74 6.65	33.68 -5.05 7.67	54.29 -7.33 10.47	54.25 -7.53 10.19	34.11 -4.82 7.05	26.18 -3.53 5.01	28.73 -2.98 0.18
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	46.58 1.36 0.00	43.14 1.36 0.00	43.58 1.35 0.00	40.25 1.25 0.00	38.57 1.31 0.00	47.90 2.05 0.00	90.53 3.72 0.00	145.12 7.25 0.00	46.49 2.25 0.00	35.40 1.79 -0.01	33.97 1.57 -0.01	31.14 1.30 0.01	30.13 1.26 0.01	23.42 1.13 0.00	31.87 1.57 -0.01	28.34 1.54 -0.01	31.56 1.69 0.00	38.04 2.02 0.00	48.82 2.42 0.00	75.72 3.63 0.00	75.77 3.79 0.00	48.45 2.45 -0.01	36.49 1.77 0.00	33.28 1.39 -0.01
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	46.80 1.57 0.00	43.44 1.66 0.00	43.94 1.70 0.00	40.60 1.60 0.00	38.88 1.62 0.00	48.45 2.60 0.00	91.34 4.53 0.00	146.35 8.48 0.00	46.84 2.60 0.00	35.64 2.02 -0.01	34.17 1.76 -0.01	31.29 1.45 0.01	30.26 1.38 0.01	23.49 1.21 0.00	31.93 1.63 -0.01	28.40 1.60 -0.01	31.62 1.76 0.00	38.11 2.09 0.00	48.95 2.55 0.00	75.90 3.80 0.00	76.01 4.03 0.00	48.63 2.63 -0.01	36.56 1.84 0.00	33.43 1.54 -0.01
PATROON___115KV_TB1 80586	46.08 0.86 0.00	42.61 0.82 0.00	43.14 0.91 0.00	39.90 0.90 0.00	38.22 0.96 0.00	47.48 1.64 0.00	89.23 2.42 0.00	142.24 4.37 0.00	45.51 1.27 0.00	34.43 0.82 0.00	32.97 0.58 0.00	30.30 0.45 0.00	29.33 0.45 0.00	22.77 0.49 0.00	30.99 0.69 0.00	27.48 0.69 0.00	30.71 0.85 0.00	37.05 1.03 0.00	47.57 1.17 0.00	73.89 1.80 0.00	73.79 1.81 0.00	47.09 1.10 0.00	35.59 0.87 0.00	32.62 0.73 0.00
PATTRSNVILLE___SOLAR 323815	46.31 1.09 0.00	42.79 1.01 0.00	43.27 1.04 0.00	39.98 0.98 0.00	38.28 1.03 0.00	47.54 1.70 0.00	89.82 3.02 0.00	142.51 4.64 0.00	45.23 1.00 0.00	33.91 0.30 0.00	32.43 0.03 0.00	29.80 -0.05 0.00	28.85 -0.03 0.00	22.33 0.05 0.00	30.41 0.12 0.00	26.93 0.13 0.00	30.07 0.21 0.00	36.64 0.62 0.00	47.64 1.24 0.00	74.29 2.20 0.00	74.31 2.33 0.00	47.30 1.30 0.00	35.67 0.95 0.00	32.70 0.81 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	43.38 -1.84 0.00	39.91 -1.87 0.00	40.02 -2.21 0.00	36.81 -2.20 0.00	35.28 -1.98 0.00	44.59 -1.26 0.00	83.03 -3.78 0.00	121.91 -7.29 8.66	36.96 -2.21 5.07	26.58 -1.50 5.53	27.52 -1.65 3.22	23.49 -1.47 4.89	22.25 -1.53 5.10	16.46 -1.35 4.48	24.51 -1.90 3.89	21.28 -1.86 3.66	24.16 -1.83 3.87	29.04 -2.37 4.60	37.78 -3.32 5.30	60.34 -4.51 7.24	60.25 -4.68 7.05	38.16 -2.96 4.88	29.03 -2.22 3.46	29.94 -1.83 0.12
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	46.76 1.54 0.00	43.28 1.49 0.00	43.72 1.48 0.00	40.38 1.38 0.00	38.70 1.45 0.00	48.11 2.26 0.00	91.07 4.26 0.00	145.69 7.82 0.00	46.60 2.36 0.00	35.40 1.79 0.00	33.91 1.51 0.00	31.08 1.24 0.00	30.07 1.18 0.00	23.33 1.04 0.00	31.77 1.47 0.00	28.24 1.44 0.00	31.52 1.66 0.00	38.11 2.09 0.00	48.99 2.59 0.00	76.15 4.06 0.00	76.10 4.12 0.00	48.61 2.62 0.00	36.58 1.87 0.00	33.42 1.53 0.00
PEEKSKILL____ 23653	46.15 0.93 0.00	42.75 0.97 0.00	43.17 0.94 0.00	39.86 0.86 0.00	38.18 0.92 0.00	47.40 1.56 0.00	89.68 2.88 0.00	143.57 5.71 0.00	45.93 1.70 0.00	34.95 1.34 0.00	33.52 1.13 0.00	30.74 0.89 0.00	29.73 0.85 0.00	23.09 0.80 0.00	31.44 1.15 0.00	27.97 1.17 0.00	31.16 1.30 0.00	37.63 1.61 0.00	48.34 1.94 0.00	75.08 2.99 0.00	75.08 3.10 0.00	48.01 2.01 0.00	36.12 1.40 0.00	33.01 1.12 0.00

PGE MADISON___WINDPWR 24146	46.77 1.55 0.00	43.23 1.45 0.00	43.93 1.70 0.00	40.65 1.65 0.00	39.03 1.78 0.00	48.88 3.03 0.00	92.74 5.93 0.00	149.79 9.61 -2.32	47.50 1.91 -1.36	35.77 0.69 -1.48	34.01 0.75 -0.86	31.39 0.23 -1.31	30.23 -0.02 -1.37	23.32 -0.17 -1.20	31.08 -0.53 -1.32	27.57 -0.46 -1.24	31.42 0.25 -1.31	38.45 0.88 -1.56	49.61 1.41 -1.79	76.70 2.16 -2.45	76.06 1.69 -2.39	48.49 0.85 -1.65	36.24 0.36 -1.17	32.08 0.15 -0.04
PIERCEFIELD___HYD 23852	45.80 0.58 0.00	42.24 0.46 0.00	42.74 0.51 0.00	39.43 0.43 0.00	37.48 0.23 0.00	45.40 -0.44 0.00	86.98 0.17 0.00	137.43 -0.44 0.00	44.07 -0.17 0.00	33.19 -0.41 0.00	32.20 -0.19 0.00	29.58 -0.27 0.00	28.54 -0.34 0.00	22.16 -0.49 -0.37	29.63 -0.66 0.00	26.14 -0.66 0.00	29.19 -0.67 0.00	35.54 -0.48 0.00	46.40 0.00 0.00	72.14 0.05 0.00	71.97 -0.01 0.00	45.83 -0.16 0.00	34.47 -0.24 0.00	31.68 -0.21 0.00
PINELAWN_CC_1 323563	46.75 1.54 0.00	43.43 1.65 0.00	43.75 1.52 0.00	40.30 1.30 0.00	38.75 1.50 0.00	48.06 2.21 0.00	90.44 3.63 0.00	144.69 7.21 0.39	46.31 2.08 0.00	35.20 1.59 0.00	33.92 1.52 0.00	30.93 1.08 0.00	29.84 0.97 0.00	23.02 0.74 0.01	31.51 1.22 0.00	28.15 1.35 0.00	31.50 1.64 0.00	38.03 2.01 0.00	48.94 2.54 0.00	76.46 4.37 0.00	76.42 4.44 0.00	48.87 2.88 0.00	36.78 2.07 0.00	33.54 1.65 0.00
PJM_GEN_HTP_PROXY 323702	46.57 1.35 0.00	43.11 1.32 0.00	43.53 1.30 0.00	40.19 1.20 0.00	38.51 1.26 0.00	40.58 2.03 7.30	98.24 3.76 -7.68	145.11 7.24 0.00	46.47 2.23 0.00	34.27 1.77 1.12	33.95 1.55 0.00	31.14 1.30 0.00	30.13 1.24 0.00	23.41 1.12 0.00	31.86 1.56 0.00	28.31 1.52 0.00	31.53 1.67 0.00	38.02 2.00 0.00	48.81 2.41 0.00	72.45 3.65 3.29	75.70 3.72 0.00	48.39 2.40 0.00	36.47 1.75 0.00	33.29 1.40 0.00
PJM_GEN_KEystone 24065	44.58 -0.64 0.00	41.18 -0.60 0.00	41.45 -0.78 0.00	38.23 -0.77 0.00	36.57 -0.68 0.00	38.32 -0.23 7.30	93.69 -0.79 -7.68	136.58 -1.28 0.00	43.61 -0.62 0.00	32.16 -0.33 1.12	32.03 -0.37 0.00	29.47 -0.38 0.00	28.48 -0.40 0.00	21.99 -0.29 0.00	29.90 -0.40 0.00	26.50 -0.30 0.00	29.58 -0.28 0.00	35.63 -0.39 0.00	45.63 -0.77 0.00	67.82 -0.97 3.29	71.00 -0.98 0.00	45.37 -0.63 0.00	34.18 -0.53 0.00	31.43 -0.53 -0.07
PJM_GEN_NEPTUNE_PROXY 323594	46.43 1.21 0.00	43.10 1.32 0.00	43.45 1.22 0.00	40.06 1.06 0.00	38.47 1.22 0.00	40.40 1.85 7.30	97.47 2.98 -7.68	143.31 5.99 0.55	46.02 1.78 0.00	33.93 1.44 1.12	33.76 1.37 0.00	30.85 1.00 0.00	29.81 0.93 0.00	23.04 0.76 0.01	31.49 1.20 0.00	28.09 1.29 0.00	31.38 1.52 0.00	37.84 1.82 0.00	48.60 2.20 0.00	72.46 3.66 3.29	75.70 3.72 0.00	48.41 2.42 0.00	36.46 1.74 0.00	33.27 1.37 0.00
PJM_GEN_VFT_PROXY 323633	46.30 1.08 0.00	42.88 1.09 0.00	43.28 1.05 0.00	39.98 0.98 0.00	38.29 1.04 0.00	40.30 1.75 7.30	97.68 3.19 -7.68	144.28 6.41 0.00	46.18 1.95 0.00	34.08 1.59 1.12	33.76 1.37 0.00	30.97 1.12 0.00	29.97 1.09 0.00	23.32 1.03 0.00	31.68 1.39 0.00	28.18 1.38 0.00	31.36 1.50 0.00	37.82 1.80 0.00	48.56 2.16 0.00	72.02 3.22 3.29	75.29 3.31 0.00	48.17 2.18 0.00	36.27 1.56 0.00	33.11 1.22 0.00
PLATSBURG_115KV_PMLD1 355749	47.68 2.46 0.00	43.96 2.18 0.00	44.56 2.33 0.00	40.94 1.94 0.00	38.82 1.57 0.00	46.98 1.14 0.00	89.12 2.32 0.00	140.05 2.18 0.00	44.80 0.56 0.00	33.95 0.34 0.00	33.10 0.70 0.00	30.34 0.49 0.00	29.06 0.18 0.00	19.28 -0.50 2.51	29.74 -0.56 0.00	26.32 -0.48 0.00	29.06 -0.80 0.00	35.62 -0.40 0.00	46.77 0.37 0.00	73.78 1.69 0.00	73.71 1.73 0.00	46.23 0.23 0.00	34.52 -0.19 0.00	31.50 -0.39 0.00
PLEASANTVLY___LBMP 24000	46.15 0.93 0.00	42.71 0.92 0.00	43.17 0.94 0.00	39.89 0.89 0.00	38.20 0.95 0.00	47.42 1.58 0.00	89.58 2.77 0.00	143.18 5.31 0.00	45.86 1.62 0.00	34.91 1.30 0.00	33.47 1.07 0.00	30.71 0.86 0.00	29.72 0.84 0.00	23.08 0.79 0.00	31.43 1.14 0.00	27.94 1.15 0.00	31.13 1.27 0.00	37.59 1.57 0.00	48.27 1.87 0.00	74.94 2.86 0.00	74.93 2.95 0.00	47.90 1.91 0.00	36.11 1.39 0.00	33.03 1.14 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	46.43 1.21 0.00	43.00 1.22 0.00	43.42 1.19 0.00	40.09 1.09 0.00	38.42 1.16 0.00	47.70 1.86 0.00	90.25 3.44 0.00	144.41 6.54 0.00	46.23 2.00 0.00	35.22 1.61 0.00	33.76 1.36 0.00	30.97 1.12 0.00	29.96 1.08 0.00	23.27 0.98 0.00	31.67 1.38 0.00	28.16 1.37 0.00	31.38 1.52 0.00	37.87 1.85 0.00	48.67 2.27 0.00	75.54 3.46 0.00	75.50 3.52 0.00	48.26 2.27 0.00	36.36 1.64 0.00	33.22 1.33 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	46.43 1.21 0.00	43.00 1.22 0.00	43.42 1.19 0.00	40.09 1.09 0.00	38.42 1.16 0.00	47.70 1.86 0.00	90.25 3.44 0.00	144.41 6.54 0.00	46.23 2.00 0.00	35.22 1.61 0.00	33.76 1.36 0.00	30.97 1.12 0.00	29.96 1.08 0.00	23.27 0.98 0.00	31.67 1.38 0.00	28.16 1.37 0.00	31.38 1.52 0.00	37.87 1.85 0.00	48.67 2.27 0.00	75.54 3.46 0.00	75.50 3.52 0.00	48.26 2.27 0.00	36.36 1.64 0.00	33.22 1.33 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	46.43 1.22 0.00	42.96 1.18 0.00	43.43 1.20 0.00	40.12 1.12 0.00	38.43 1.18 0.00	47.74 1.90 0.00	90.29 3.48 0.00	144.28 6.41 0.00	46.17 1.94 0.00	35.09 1.48 0.00	33.62 1.22 0.00	30.82 0.97 0.00	29.81 0.92 0.00	23.14 0.85 0.00	31.52 1.22 0.00	28.01 1.21 0.00	31.24 1.38 0.00	37.81 1.79 0.00	48.61 2.21 0.00	75.54 3.45 0.00	75.52 3.53 0.00	48.24 2.25 0.00	36.33 1.61 0.00	33.22 1.33 0.00
POLETTI___ 23519	46.61 1.39 0.00	43.15 1.37 0.00	43.57 1.34 0.00	40.23 1.23 0.00	38.54 1.29 0.00	47.91 2.07 0.00	90.52 3.71 0.00	145.00 7.14 0.00	46.45 2.21 0.00	35.39 1.78 0.00	33.96 1.56 0.00	31.14 1.30 0.00	30.14 1.26 0.00	23.41 1.13 0.00	31.82 1.53 0.00	28.30 1.50 0.00	31.48 1.62 0.00	37.96 1.94 0.00	48.76 2.36 0.00	75.65 3.56 0.00	75.63 3.64 0.00	48.35 2.36 0.00	36.44 1.73 0.00	33.29 1.40 0.00
POMONA___ESR 323819	46.13 0.91 0.00	42.71 0.93 0.00	43.13 0.90 0.00	39.83 0.83 0.00	38.14 0.88 0.00	47.38 1.54 0.00	89.69 2.89 0.00	143.63 5.77 0.00	45.91 1.68 0.00	34.95 1.34 0.00	33.53 1.13 0.00	30.74 0.89 0.00	29.73 0.85 0.00	23.08 0.79 0.00	31.44 1.14 0.00	27.98 1.18 0.00	31.18 1.32 0.00	37.64 1.62 0.00	48.32 1.92 0.00	75.05 2.96 0.00	75.07 3.09 0.00	48.00 2.00 0.00	36.10 1.39 0.00	32.97 1.08 0.00
PORT_JEFF_3 23555	46.68 1.46 0.00	43.48 1.70 0.00	43.68 1.45 0.00	40.22 1.22 0.00	38.83 1.58 0.00	48.16 2.32 0.00	90.52 3.71 0.00	145.01 7.58 0.45	46.07 1.83 0.00	34.96 1.35 0.00	33.73 1.34 0.00	30.79 0.94 0.00	29.74 0.86 0.00	22.82 0.53 0.01	31.29 1.00 0.00	28.02 1.23 0.00	31.39 1.53 0.00	37.93 1.91 0.00	48.74 2.34 0.00	76.32 4.23 0.00	76.32 4.34 0.00	49.05 3.05 0.00	36.91 2.20 0.00	33.56 1.67 0.00

PORT_JEFF_4 23616	46.59 1.37 0.00	43.39 1.61 0.00	43.61 1.38 0.00	40.14 1.15 0.00	38.75 1.50 0.00	48.05 2.20 0.00	90.27 3.47 0.00	144.59 7.17 0.45	46.07 1.84 0.00	35.00 1.39 0.00	33.76 1.36 0.00	30.75 0.90 0.00	29.69 0.81 0.00	22.80 0.51 0.01	31.26 0.97 0.00	28.00 1.21 0.00	31.35 1.49 0.00	37.87 1.85 0.00	48.72 2.32 0.00	76.29 4.20 0.00	76.29 4.31 0.00	48.91 2.91 0.00	36.81 2.09 0.00	33.50 1.61 0.00
PORT_JEFF_IC 23713	46.65 1.43 0.00	43.44 1.66 0.00	43.66 1.43 0.00	40.18 1.18 0.00	38.80 1.54 0.00	48.13 2.28 0.00	90.43 3.63 0.00	144.95 7.53 0.45	46.02 1.78 0.00	34.94 1.33 0.00	33.72 1.32 0.00	30.77 0.92 0.00	29.72 0.85 0.00	22.81 0.53 0.01	31.27 0.99 0.00	28.01 1.21 0.00	31.37 1.51 0.00	37.91 1.89 0.00	48.70 2.30 0.00	76.25 4.16 0.00	76.26 4.28 0.00	49.01 3.02 0.00	36.88 2.17 0.00	33.54 1.65 0.00
PPL_PILGRIM_ST_GT1 24216	46.89 1.67 0.00	43.61 1.83 0.00	43.91 1.68 0.00	40.41 1.41 0.00	38.94 1.69 0.00	48.26 2.42 0.00	90.62 3.82 0.00	144.78 7.35 0.43	46.35 2.12 0.00	35.31 1.70 0.00	34.03 1.64 0.00	31.02 1.17 0.00	29.91 1.03 0.00	23.04 0.76 0.01	31.59 1.30 0.00	28.25 1.45 0.00	31.62 1.76 0.00	38.17 2.15 0.00	49.11 2.71 0.00	76.81 4.72 0.00	76.78 4.80 0.00	49.10 3.11 0.00	36.98 2.26 0.00	33.67 1.78 0.00
PPL_PILGRIM_ST_GT2 24217	46.89 1.67 0.00	43.61 1.83 0.00	43.91 1.68 0.00	40.41 1.41 0.00	38.94 1.69 0.00	48.26 2.42 0.00	90.62 3.82 0.00	144.78 7.35 0.43	46.35 2.12 0.00	35.31 1.70 0.00	34.03 1.64 0.00	31.02 1.17 0.00	29.91 1.03 0.00	23.04 0.76 0.01	31.59 1.30 0.00	28.25 1.45 0.00	31.62 1.76 0.00	38.17 2.15 0.00	49.11 2.71 0.00	76.81 4.72 0.00	76.78 4.80 0.00	49.10 3.11 0.00	36.98 2.26 0.00	33.67 1.78 0.00
PPL_SHRM_GT3 24213	46.12 0.90 0.00	43.16 1.37 0.00	43.18 0.95 0.00	39.76 0.76 0.00	38.57 1.32 0.00	47.87 2.02 0.00	89.57 2.77 0.00	144.11 6.69 0.45	45.72 1.49 0.00	34.64 1.03 0.00	33.52 1.13 0.00	30.24 0.39 0.00	29.10 0.22 0.00	22.11 -0.17 0.01	30.42 0.13 0.00	27.64 0.85 0.00	30.97 1.11 0.00	37.46 1.44 0.00	48.34 1.94 0.00	75.92 3.83 0.00	75.96 3.98 0.00	48.69 2.70 0.00	36.64 1.92 0.00	33.23 1.34 0.00
PPL_SHRM_GT4 24214	46.12 0.90 0.00	43.16 1.37 0.00	43.18 0.95 0.00	39.76 0.76 0.00	38.57 1.32 0.00	47.87 2.02 0.00	89.57 2.77 0.00	144.11 6.69 0.45	45.72 1.49 0.00	34.64 1.03 0.00	33.52 1.13 0.00	30.24 0.39 0.00	29.10 0.22 0.00	22.11 -0.17 0.01	30.42 0.13 0.00	27.64 0.85 0.00	30.97 1.11 0.00	37.46 1.44 0.00	48.34 1.94 0.00	75.92 3.83 0.00	75.96 3.98 0.00	48.69 2.70 0.00	36.64 1.92 0.00	33.23 1.34 0.00
PROJECT___ORANGE 1 24174	44.26 -0.95 0.00	40.86 -0.92 0.00	41.22 -1.01 0.00	38.05 -0.95 0.00	36.43 -0.83 0.00	45.20 -0.64 0.00	85.26 -1.55 0.00	135.38 -2.48 0.00	43.30 -0.93 0.00	32.90 -0.71 0.00	31.76 -0.64 0.00	29.25 -0.60 0.00	28.28 -0.60 0.00	21.82 -0.46 0.00	29.64 -0.65 0.00	26.21 -0.59 0.00	29.27 -0.59 0.00	35.24 -0.78 0.00	45.25 -1.16 0.00	70.29 -1.80 0.00	70.10 -1.88 0.00	44.78 -1.21 0.00	33.80 -0.91 0.00	31.07 -0.82 0.00
PROJECT___ORANGE 2 24166	44.26 -0.95 0.00	40.86 -0.92 0.00	41.22 -1.01 0.00	38.05 -0.95 0.00	36.43 -0.83 0.00	45.20 -0.64 0.00	85.26 -1.55 0.00	135.38 -2.48 0.00	43.30 -0.93 0.00	32.90 -0.71 0.00	31.76 -0.64 0.00	29.25 -0.60 0.00	28.28 -0.60 0.00	21.82 -0.46 0.00	29.64 -0.65 0.00	26.21 -0.59 0.00	29.27 -0.59 0.00	35.24 -0.78 0.00	45.25 -1.16 0.00	70.29 -1.80 0.00	70.10 -1.88 0.00	44.78 -1.21 0.00	33.80 -0.91 0.00	31.07 -0.82 0.00
PUCKETT___SOLAR 323809	44.99 -0.23 0.00	41.56 -0.23 0.00	41.98 -0.25 0.00	38.80 -0.20 0.00	37.16 -0.09 0.00	46.30 0.46 0.00	87.58 0.78 0.00	138.95 1.08 0.00	44.06 -0.17 0.00	33.29 -0.31 0.00	32.13 -0.27 0.00	29.43 -0.41 0.00	28.41 -0.47 0.00	21.81 -0.48 0.00	29.59 -0.70 0.00	26.28 -0.52 0.00	29.48 -0.38 0.00	35.76 -0.26 0.00	45.99 -0.41 0.00	71.44 -0.65 0.00	71.01 -0.97 0.00	45.31 -0.69 0.00	34.08 -0.63 0.00	31.27 -0.62 0.00
PYRITES___HYD 24023	47.10 1.88 0.00	43.44 1.65 0.00	43.94 1.71 0.00	40.54 1.54 0.00	38.53 1.28 0.00	46.71 0.87 0.00	89.70 2.89 0.00	141.57 3.70 0.00	45.18 0.94 0.00	33.76 0.15 0.00	32.70 0.30 0.00	30.07 0.23 0.00	29.08 0.20 0.00	22.50 -0.11 -0.33	30.16 -0.13 0.00	26.56 -0.23 0.00	29.72 -0.13 0.00	36.12 0.10 0.00	47.56 1.16 0.00	74.23 2.15 0.00	74.06 2.08 0.00	47.17 1.18 0.00	35.48 0.77 0.00	32.62 0.73 0.00
QUAKERRD_115KV_BK1 80622	42.87 -2.35 0.00	39.53 -2.25 0.00	39.81 -2.42 0.00	36.73 -2.27 0.00	35.20 -2.05 0.00	43.93 -1.92 0.00	82.53 -4.28 0.00	130.65 -7.22 0.00	41.82 -2.41 0.00	31.78 -1.83 0.00	30.58 -1.81 0.00	28.17 -1.68 0.00	27.19 -1.69 0.00	20.93 -1.36 0.00	28.31 -1.98 0.00	24.97 -1.83 0.00	28.00 -1.86 0.00	33.70 -2.32 0.00	43.31 -3.09 0.00	67.56 -4.53 0.00	67.32 -4.66 0.00	43.04 -2.96 0.00	32.49 -2.23 0.00	29.90 -2.00 0.00
QUENSBRY_115KV_TB8 356137	46.73 1.51 0.00	43.14 1.36 0.00	43.76 1.53 0.00	40.49 1.49 0.00	38.83 1.58 0.00	48.41 2.57 0.00	90.98 4.18 0.00	144.80 6.93 0.00	46.36 2.12 0.00	34.81 1.20 0.00	33.02 0.62 0.00	30.20 0.35 0.00	29.12 0.24 0.00	22.56 0.27 0.00	30.85 0.55 0.00	27.36 0.56 0.00	30.83 0.97 0.00	37.45 1.44 0.00	48.07 1.66 0.00	75.01 2.92 0.00	75.18 3.20 0.00	47.84 1.85 0.00	36.14 1.42 0.00	33.22 1.33 0.00
RAMAPO___LBMP 323565	45.94 0.73 0.00	42.55 0.77 0.00	42.97 0.73 0.00	39.68 0.68 0.00	37.98 0.73 0.00	47.15 1.31 0.00	89.23 2.42 0.00	142.92 5.06 0.00	45.69 1.45 0.00	34.76 1.15 0.00	33.35 0.96 0.00	30.58 0.73 0.00	29.58 0.69 0.00	22.97 0.68 0.00	31.28 0.99 0.00	27.83 1.03 0.00	31.01 1.15 0.00	37.44 1.43 0.00	48.10 1.70 0.00	74.71 2.62 0.00	74.73 2.75 0.00	47.80 1.81 0.00	35.94 1.22 0.00	32.83 0.94 0.00
RANKINE____ 23646	43.11 -2.11 0.00	39.68 -2.10 0.00	39.77 -2.46 0.00	36.58 -2.42 0.00	35.06 -2.20 0.00	44.30 -1.54 0.00	82.46 -4.34 0.00	121.17 -8.17 8.53	36.74 -2.50 4.99	26.47 -1.70 5.44	27.37 -1.85 3.17	23.42 -1.62 4.81	22.21 -1.65 5.02	16.43 -1.45 4.41	23.77 -2.14 4.39	20.58 -2.10 4.12	23.43 -2.06 4.37	28.16 -2.67 5.18	36.74 -3.68 5.98	58.90 -5.03 8.16	58.81 -5.23 7.95	37.22 -3.27 5.50	28.34 -2.47 3.90	29.65 -2.11 0.14
RAVENSWOOD_GT2_1 24244	46.61 1.39 0.00	43.15 1.37 0.00	43.57 1.34 0.00	40.24 1.24 0.00	38.55 1.29 0.00	47.92 2.07 0.00	90.63 3.82 0.00	145.21 7.35 0.00	46.51 2.28 0.00	35.43 1.82 0.00	34.00 1.60 0.00	31.17 1.33 0.00	30.17 1.29 0.00	23.43 1.14 0.00	31.88 1.59 0.00	28.35 1.55 0.00	31.58 1.72 0.00	38.07 2.05 0.00	48.87 2.47 0.00	75.81 3.72 0.00	75.81 3.83 0.00	48.47 2.47 0.00	36.51 1.80 0.00	33.34 1.45 0.00



RAVENSWOOD_GT2_2 24245	46.61 1.39 0.00	43.15 1.37 0.00	43.57 1.34 0.00	40.24 1.24 0.00	38.55 1.29 0.00	47.92 2.07 0.00	90.63 3.82 0.00	145.21 7.35 0.00	46.51 2.28 0.00	35.43 1.82 0.00	34.00 1.60 0.00	31.17 1.33 0.00	30.17 1.29 0.00	23.43 1.14 0.00	31.88 1.59 0.00	28.35 1.55 0.00	31.58 1.72 0.00	38.07 2.05 0.00	48.87 2.47 0.00	75.81 3.72 0.00	75.81 3.83 0.00	48.47 2.47 0.00	36.51 1.80 0.00	33.34 1.45 0.00
RAVENSWOOD_GT2_3 24246	46.62 1.40 0.00	43.17 1.39 0.00	43.58 1.35 0.00	40.25 1.25 0.00	38.56 1.31 0.00	47.93 2.09 0.00	90.67 3.87 0.00	145.26 7.39 0.00	46.53 2.29 0.00	35.45 1.84 0.00	34.01 1.62 0.00	31.19 1.35 0.00	30.18 1.30 0.00	23.45 1.17 0.00	31.89 1.60 0.00	28.36 1.57 0.00	31.59 1.73 0.00	38.09 2.07 0.00	48.90 2.50 0.00	75.87 3.78 0.00	75.86 3.87 0.00	48.50 2.50 0.00	36.53 1.82 0.00	33.35 1.46 0.00
RAVENSWOOD_GT2_4 24247	46.62 1.40 0.00	43.17 1.39 0.00	43.58 1.35 0.00	40.25 1.25 0.00	38.56 1.31 0.00	47.93 2.09 0.00	90.67 3.87 0.00	145.26 7.39 0.00	46.53 2.29 0.00	35.45 1.84 0.00	34.01 1.62 0.00	31.19 1.35 0.00	30.18 1.30 0.00	23.45 1.17 0.00	31.89 1.60 0.00	28.36 1.57 0.00	31.59 1.73 0.00	38.09 2.07 0.00	48.90 2.50 0.00	75.87 3.78 0.00	75.86 3.87 0.00	48.50 2.50 0.00	36.53 1.82 0.00	33.35 1.46 0.00
RAVENSWOOD_GT3_1 24248	46.61 1.39 0.00	43.15 1.37 0.00	43.57 1.34 0.00	40.24 1.24 0.00	38.55 1.30 0.00	47.92 2.07 0.00	90.63 3.82 0.00	145.21 7.35 0.00	46.51 2.28 0.00	35.43 1.82 0.00	34.00 1.60 0.00	31.18 1.33 0.00	30.17 1.29 0.00	23.43 1.15 0.00	31.88 1.59 0.00	28.35 1.55 0.00	31.58 1.72 0.00	38.07 2.05 0.00	48.87 2.47 0.00	75.81 3.72 0.00	75.81 3.83 0.00	48.47 2.47 0.00	36.51 1.80 0.00	33.34 1.45 0.00
RAVENSWOOD_GT3_2 24249	46.61 1.39 0.00	43.15 1.37 0.00	43.57 1.34 0.00	40.24 1.24 0.00	38.55 1.30 0.00	47.92 2.07 0.00	90.63 3.82 0.00	145.21 7.35 0.00	46.51 2.28 0.00	35.43 1.82 0.00	34.00 1.60 0.00	31.18 1.33 0.00	30.17 1.29 0.00	23.43 1.15 0.00	31.88 1.59 0.00	28.35 1.55 0.00	31.58 1.72 0.00	38.07 2.05 0.00	48.87 2.47 0.00	75.81 3.72 0.00	75.81 3.83 0.00	48.47 2.47 0.00	36.51 1.80 0.00	33.34 1.45 0.00
RAVENSWOOD_GT3_3 24250	46.67 1.45 0.00	43.21 1.43 0.00	43.62 1.38 0.00	40.28 1.28 0.00	38.60 1.35 0.00	47.97 2.13 0.00	90.76 3.95 0.00	145.42 7.55 0.00	46.58 2.35 0.00	35.49 1.88 0.00	34.06 1.66 0.00	31.23 1.38 0.00	30.21 1.33 0.00	23.48 1.19 0.00	31.92 1.63 0.00	28.39 1.60 0.00	31.62 1.76 0.00	38.13 2.11 0.00	48.94 2.54 0.00	75.95 3.86 0.00	75.93 3.95 0.00	48.55 2.55 0.00	36.57 1.85 0.00	33.38 1.49 0.00
RAVENSWOOD_GT3_4 24251	46.67 1.45 0.00	43.21 1.43 0.00	43.62 1.38 0.00	40.28 1.28 0.00	38.60 1.35 0.00	47.97 2.13 0.00	90.76 3.95 0.00	145.42 7.55 0.00	46.58 2.35 0.00	35.49 1.88 0.00	34.06 1.66 0.00	31.23 1.38 0.00	30.21 1.33 0.00	23.48 1.19 0.00	31.92 1.63 0.00	28.39 1.60 0.00	31.62 1.76 0.00	38.13 2.11 0.00	48.94 2.54 0.00	75.95 3.86 0.00	75.93 3.95 0.00	48.55 2.55 0.00	36.57 1.85 0.00	33.38 1.49 0.00
RAVENSWOOD_GT_1 23729	48.27 1.60 -1.45	45.31 1.56 -1.97	45.63 1.53 -1.87	42.91 1.41 -2.50	41.62 1.47 -2.90	49.62 2.28 -1.49	91.03 4.22 0.00	146.14 8.04 -0.24	49.73 2.53 -2.97	40.96 2.02 -5.34	39.22 1.80 -5.03	38.62 1.51 -7.27	41.54 1.46 -11.20	44.69 1.28 -21.13	37.22 1.76 -5.16	34.82 1.71 -6.32	37.27 1.89 -5.52	43.19 2.26 -4.92	53.13 2.71 -4.01	79.75 4.06 -3.60	81.72 4.20 -5.54	55.42 2.74 -6.69	40.31 1.99 -3.60	38.22 1.60 -4.73
RAVENSWOOD_GT_10 24258	46.78 1.39 -0.17	43.37 1.36 -0.23	43.77 1.32 -0.22	40.51 1.23 -0.29	38.88 1.29 -0.33	48.08 2.06 -0.17	90.63 3.82 0.00	145.22 7.33 -0.03	46.80 2.26 -0.30	35.68 1.81 -0.26	34.34 1.60 -0.35	31.37 1.33 -0.20	30.16 1.28 0.01	22.86 1.14 0.57	32.24 1.59 -0.36	28.79 1.55 -0.44	31.96 1.71 -0.39	38.41 2.05 -0.35	49.21 2.47 -0.34	76.23 3.72 -0.42	76.19 3.82 -0.39	49.24 2.47 -0.77	36.92 1.79 -0.42	33.72 1.44 -0.39
RAVENSWOOD_GT_11 24259	46.78 1.39 -0.17	43.37 1.36 -0.23	43.77 1.32 -0.22	40.51 1.23 -0.29	38.88 1.29 -0.33	48.08 2.06 -0.17	90.63 3.82 0.00	145.22 7.33 -0.03	46.80 2.26 -0.30	35.68 1.81 -0.26	34.34 1.60 -0.35	31.37 1.33 -0.20	30.16 1.28 0.01	22.86 1.14 0.57	32.24 1.59 -0.36	28.79 1.55 -0.44	31.96 1.71 -0.39	38.41 2.05 -0.35	49.21 2.47 -0.34	76.23 3.72 -0.42	76.19 3.82 -0.39	49.24 2.47 -0.77	36.92 1.79 -0.42	33.72 1.44 -0.39
RAVENSWOOD_GT_4 24252	47.69 1.37 -1.10	44.64 1.35 -1.50	44.97 1.32 -1.42	42.12 1.21 -1.91	40.73 1.28 -2.20	49.02 2.05 -1.13	90.59 3.78 0.00	145.29 7.24 -0.18	48.49 2.24 -2.01	37.08 1.79 -1.68	36.30 1.58 -2.32	32.46 1.31 -1.30	30.09 1.26 0.06	19.64 1.14 3.78	34.24 1.56 -2.39	31.25 1.53 -2.92	34.12 1.69 -2.56	40.33 2.03 -2.28	51.10 2.44 -2.25	78.53 3.70 -2.74	78.33 3.79 -2.56	53.53 2.45 -5.10	39.23 1.77 -2.74	35.91 1.43 -2.59
RAVENSWOOD_GT_5 24254	47.69 1.37 -1.10	44.64 1.35 -1.50	44.97 1.32 -1.42	42.12 1.21 -1.91	40.73 1.28 -2.20	49.02 2.05 -1.13	90.59 3.78 0.00	145.29 7.24 -0.18	48.49 2.24 -2.01	37.08 1.79 -1.68	36.30 1.58 -2.32	32.46 1.31 -1.30	30.09 1.26 0.06	19.64 1.14 3.78	34.24 1.56 -2.39	31.25 1.53 -2.92	34.12 1.69 -2.56	40.33 2.03 -2.28	51.10 2.44 -2.25	78.53 3.70 -2.74	78.33 3.79 -2.56	53.53 2.45 -5.10	39.23 1.77 -2.74	35.91 1.43 -2.59
RAVENSWOOD_GT_6 24253	47.69 1.37 -1.10	44.64 1.35 -1.50	44.97 1.32 -1.42	42.12 1.21 -1.91	40.73 1.28 -2.20	49.02 2.05 -1.13	90.59 3.78 0.00	145.29 7.24 -0.18	48.49 2.24 -2.01	37.08 1.79 -1.68	36.30 1.58 -2.32	32.46 1.31 -1.30	30.09 1.26 0.06	19.64 1.14 3.78	34.24 1.56 -2.39	31.25 1.53 -2.92	34.12 1.69 -2.56	40.33 2.03 -2.28	51.10 2.44 -2.25	78.53 3.70 -2.74	78.33 3.79 -2.56	53.53 2.45 -5.10	39.23 1.77 -2.74	35.91 1.43 -2.59
RAVENSWOOD_GT_7 24255	47.69 1.37 -1.10	44.64 1.35 -1.50	44.97 1.32 -1.42	42.12 1.21 -1.91	40.73 1.28 -2.20	49.02 2.05 -1.13	90.59 3.78 0.00	145.29 7.24 -0.18	48.49 2.24 -2.01	37.08 1.79 -1.68	36.30 1.58 -2.32	32.46 1.31 -1.30	30.09 1.26 0.06	19.64 1.14 3.78	34.24 1.56 -2.39	31.25 1.53 -2.92	34.12 1.69 -2.56	40.33 2.03 -2.28	51.10 2.44 -2.25	78.53 3.70 -2.74	78.33 3.79 -2.56	53.53 2.45 -5.10	39.23 1.77 -2.74	35.91 1.43 -2.59
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	46.78 1.39 -0.17	43.37 1.36 -0.23	43.77 1.32 -0.22	40.51 1.23 -0.29	38.88 1.29 -0.33	48.08 2.06 -0.17	90.63 3.82 0.00	145.22 7.33 -0.03	46.80 2.26 -0.30	35.68 1.81 -0.26	34.34 1.60 -0.35	31.37 1.33 -0.20	30.16 1.28 0.01	22.86 1.14 0.57	32.24 1.59 -0.36	28.79 1.55 -0.44	31.96 1.71 -0.39	38.41 2.05 -0.35	49.21 2.47 -0.34	76.23 3.72 -0.42	76.19 3.82 -0.39	49.24 2.47 -0.77	36.92 1.79 -0.42	33.72 1.44 -0.39

RAVENSWOOD_GT_9 24257	46.78 1.39 -0.17	43.37 1.36 -0.23	43.77 1.32 -0.22	40.51 1.23 -0.29	38.88 1.29 -0.33	48.08 2.06 -0.17	90.63 3.82 0.00	145.22 7.33 -0.03	46.80 2.26 -0.30	35.68 1.81 -0.26	34.34 1.60 -0.35	31.37 1.33 -0.20	30.16 1.28 0.01	22.86 1.14 0.57	32.24 1.59 -0.36	28.79 1.55 -0.44	31.96 1.71 -0.39	38.41 2.05 -0.35	49.21 2.47 -0.34	76.23 3.72 -0.42	76.19 3.82 -0.39	49.24 2.47 -0.77	36.92 1.79 -0.42	33.72 1.44 -0.39
RAVENSWOOD___1 23533	45.30 1.50 1.43	41.32 1.47 1.94	41.84 1.45 1.84	37.86 1.33 2.47	35.80 1.39 2.85	46.56 2.18 1.46	90.85 4.05 0.00	145.37 7.74 0.23	44.07 2.44 2.60	33.37 1.94 2.18	31.11 1.72 3.00	29.61 1.44 1.68	30.35 1.40 -0.07	28.42 1.24 -4.89	28.91 1.70 3.08	24.67 1.65 3.78	28.37 1.83 3.31	35.26 2.20 2.95	46.12 2.63 2.91	72.50 3.96 3.54	72.75 4.07 3.31	42.68 2.65 5.96	33.09 1.92 3.54	30.10 1.55 3.35
RAVENSWOOD___2 23534	45.30 1.50 1.43	41.32 1.47 1.94	41.84 1.45 1.84	37.86 1.33 2.47	35.80 1.39 2.85	46.56 2.18 1.46	90.85 4.05 0.00	145.37 7.74 0.23	44.07 2.44 2.60	33.37 1.94 2.18	31.11 1.72 3.00	29.61 1.44 1.68	30.35 1.40 -0.07	28.42 1.24 -4.89	28.91 1.70 3.08	24.67 1.65 3.78	28.37 1.83 3.31	35.26 2.20 2.95	46.12 2.63 2.91	72.50 3.96 3.54	72.75 4.07 3.31	42.68 2.65 5.96	33.09 1.92 3.54	30.10 1.55 3.35
RAVENSWOOD___3 23535	46.61 1.39 0.00	43.15 1.37 0.00	43.57 1.34 0.00	40.24 1.24 0.00	38.55 1.30 0.00	47.92 2.07 0.00	90.63 3.82 0.00	145.21 7.34 0.00	46.52 2.29 0.00	35.43 1.82 0.00	34.00 1.60 0.00	31.18 1.33 0.00	30.17 1.29 0.00	23.43 1.14 0.00	31.89 1.59 0.00	28.35 1.55 0.00	31.57 1.71 0.00	38.07 2.05 0.00	48.87 2.47 0.00	75.81 3.72 0.00	75.80 3.82 0.00	48.47 2.47 0.00	36.51 1.79 0.00	33.35 1.46 0.00
RAVENSWOOD___4 23820	45.30 1.50 1.43	41.32 1.47 1.94	41.84 1.45 1.84	37.86 1.33 2.47	35.80 1.39 2.85	46.56 2.18 1.46	90.85 4.05 0.00	145.37 7.74 0.23	44.07 2.44 2.60	33.37 1.94 2.18	31.11 1.72 3.00	29.61 1.44 1.68	30.35 1.40 -0.07	28.42 1.24 -4.89	28.91 1.70 3.08	24.67 1.65 3.78	28.37 1.83 3.31	35.26 2.20 2.95	46.12 2.63 2.91	72.50 3.96 3.54	72.75 4.07 3.31	42.68 2.65 5.96	33.09 1.92 3.54	30.10 1.55 3.35
RCPL_TRUST___DRP 24196	46.62 1.40 0.00	43.17 1.39 0.00	43.58 1.35 0.00	40.25 1.25 0.00	38.56 1.31 0.00	47.94 2.09 0.00	90.71 3.91 0.00	145.36 7.49 0.00	46.55 2.31 0.00	35.45 1.84 0.00	34.02 1.63 0.00	31.20 1.36 0.00	30.19 1.31 0.00	23.46 1.18 0.00	31.91 1.62 0.00	28.37 1.57 0.00	31.60 1.74 0.00	38.09 2.07 0.00	48.90 2.50 0.00	75.84 3.75 0.00	75.81 3.83 0.00	48.47 2.47 0.00	36.51 1.80 0.00	33.33 1.44 0.00
RED___ROCHESTER 323720	43.88 -1.35 0.00	40.45 -1.34 0.00	40.69 -1.54 0.00	37.50 -1.50 0.00	35.95 -1.31 0.00	44.97 -0.87 0.00	84.35 -2.46 0.00	131.37 -4.38 2.12	41.54 -1.46 1.24	31.15 -1.11 1.35	30.49 -1.12 0.79	27.60 -1.05 1.19	26.56 -1.08 1.25	20.28 -0.91 1.10	27.76 -1.42 1.11	24.42 -1.33 1.04	27.46 -1.29 1.11	33.07 -1.63 1.31	42.68 -2.21 1.52	66.97 -3.06 2.06	66.78 -3.20 2.01	42.59 -2.02 1.39	32.20 -1.53 0.98	30.48 -1.38 0.03
REGAN___SOLAR 323812	47.53 2.31 0.00	43.90 2.12 0.00	44.34 2.11 0.00	40.98 1.98 0.00	39.25 1.99 0.00	48.79 2.94 0.00	92.54 5.73 0.00	146.37 8.50 0.00	45.88 1.65 0.00	33.73 0.12 0.00	32.13 -0.27 0.00	29.45 -0.40 0.00	28.48 -0.40 0.00	22.11 -0.18 0.00	30.04 -0.25 0.00	26.55 -0.25 0.00	29.71 -0.15 0.00	36.70 0.68 0.00	48.58 2.18 0.00	76.05 3.96 0.00	76.21 4.23 0.00	48.38 2.38 0.00	36.38 1.66 0.00	33.32 1.43 0.00
RENSSELAER___COGEN 23796	45.86 0.64 0.00	42.41 0.63 0.00	42.96 0.72 0.00	39.72 0.72 0.00	38.05 0.80 0.00	47.26 1.42 0.00	88.72 1.91 0.00	141.39 3.52 0.00	45.21 0.98 0.00	34.25 0.64 0.00	32.78 0.38 0.00	30.15 0.30 0.00	29.18 0.30 0.00	22.66 0.37 0.00	30.83 0.54 0.00	27.35 0.55 0.00	30.53 0.67 0.00	36.79 0.77 0.00	47.25 0.85 0.00	73.39 1.30 0.00	73.35 1.37 0.00	46.85 0.86 0.00	35.42 0.71 0.00	32.48 0.59 0.00
REPUBLIC_115KV_BARTNBRK 55605	47.86 2.64 0.00	44.14 2.35 0.00	44.89 2.66 0.00	41.53 2.53 0.00	39.87 2.62 0.00	50.11 4.27 0.00	93.76 6.95 0.00	149.00 11.13 0.00	47.75 3.52 0.00	35.76 2.15 0.00	33.70 1.30 0.00	30.76 0.91 0.00	29.54 0.66 0.00	22.82 0.54 0.00	31.34 1.04 0.00	27.93 1.13 0.00	31.73 1.87 0.00	38.73 2.71 0.00	49.16 2.75 0.00	77.29 5.20 0.00	77.69 5.71 0.00	49.10 3.11 0.00	37.13 2.42 0.00	34.35 2.46 0.00
REVERE_CPPR_DRP 24186	46.14 0.92 0.00	42.51 0.73 0.00	42.90 0.67 0.00	39.64 0.64 0.00	37.92 0.67 0.00	47.08 1.23 0.00	89.50 2.69 0.00	142.31 4.44 0.00	45.27 1.04 0.00	33.93 0.32 0.00	32.63 0.23 0.00	29.82 -0.02 0.00	28.84 -0.04 0.00	22.25 -0.08 -0.05	30.21 -0.08 0.00	26.70 -0.10 0.00	30.16 0.31 0.00	36.84 0.82 0.00	47.74 1.34 0.00	73.81 1.72 0.00	73.68 1.70 0.00	46.85 0.86 0.00	35.20 0.49 0.00	32.22 0.32 0.00
REYNOLDS_115KV_TB3 80639	45.91 0.69 0.00	42.46 0.68 0.00	43.03 0.80 0.00	39.80 0.81 0.00	38.15 0.89 0.00	47.40 1.55 0.00	88.82 2.01 0.00	141.58 3.72 0.00	45.35 1.12 0.00	34.42 0.81 0.00	32.92 0.52 0.00	30.27 0.42 0.00	29.28 0.40 0.00	22.74 0.46 0.00	30.96 0.66 0.00	27.46 0.67 0.00	30.67 0.81 0.00	36.95 0.93 0.00	47.39 0.99 0.00	73.60 1.51 0.00	73.59 1.61 0.00	47.02 1.03 0.00	35.60 0.88 0.00	32.66 0.77 0.00
RIVERBAY____ 323610	46.80 1.57 0.00	43.44 1.66 0.00	43.94 1.70 0.00	40.60 1.60 0.00	38.88 1.62 0.00	48.45 2.60 0.00	91.34 4.53 0.00	146.35 8.48 0.00	46.84 2.60 0.00	35.64 2.02 -0.01	34.17 1.76 -0.01	31.29 1.45 0.01	30.26 1.38 0.01	23.49 1.21 0.00	31.93 1.63 -0.01	28.40 1.60 -0.01	31.62 1.76 0.00	38.11 2.09 0.00	48.95 2.55 0.00	75.90 3.80 0.00	76.01 4.03 0.00	48.63 2.63 -0.01	36.56 1.84 0.00	33.43 1.54 -0.01
RIVERSDE_115KV_TB3 55908	45.94 0.72 0.00	42.48 0.70 0.00	43.04 0.81 0.00	39.80 0.80 0.00	38.14 0.89 0.00	47.41 1.57 0.00	88.97 2.17 0.00	141.82 3.95 0.00	45.43 1.20 0.00	34.41 0.80 0.00	32.93 0.54 0.00	30.27 0.42 0.00	29.29 0.41 0.00	22.75 0.46 0.00	30.96 0.66 0.00	27.47 0.67 0.00	30.68 0.82 0.00	36.97 0.95 0.00	47.41 1.01 0.00	73.71 1.62 0.00	73.64 1.67 0.00	47.00 1.01 0.00	35.55 0.84 0.00	32.59 0.70 0.00
ROARING___BROOK_WT_PWR 323790	44.05 -1.17 0.00	40.68 -1.11 0.00	41.20 -1.03 0.00	38.03 -0.97 0.00	36.31 -0.95 0.00	44.72 -1.13 0.00	85.20 -1.61 0.00	135.37 -2.50 0.00	43.59 -0.65 0.00	33.16 -0.45 0.00	32.06 -0.34 0.00	29.37 -0.48 0.00	28.28 -0.60 0.00	21.75 -0.54 0.00	29.66 -0.64 0.00	26.14 -0.66 0.00	29.16 -0.70 0.00	35.34 -0.68 0.00	45.64 -0.75 0.00	70.39 -1.70 0.00	70.34 -1.64 0.00	44.75 -1.25 0.00	33.70 -1.02 0.00	30.90 -0.99 0.00

ROCHESRG_115KV_T4 355643	43.43 -1.79 0.00	40.04 -1.75 0.00	40.30 -1.93 0.00	37.15 -1.85 0.00	35.60 -1.65 0.00	44.51 -1.33 0.00	83.40 -3.41 0.00	129.54 -5.93 2.40	40.89 -1.94 1.40	30.63 -1.45 1.53	30.03 -1.48 0.89	27.16 -1.34 1.35	26.12 -1.35 1.41	19.93 -1.12 1.24	27.32 -1.70 1.28	24.00 -1.60 1.20	26.98 -1.61 1.27	32.46 -2.05 1.51	41.91 -2.74 1.75	65.81 -3.90 2.38	65.64 -4.03 2.31	41.86 -2.53 1.60	31.69 -1.89 1.14	30.19 -1.66 0.04
ROCHESTER_9_IC 23652	43.66 -1.56 0.00	40.24 -1.54 0.00	40.50 -1.73 0.00	37.34 -1.66 0.00	35.78 -1.47 0.00	44.75 -1.10 0.00	83.90 -2.91 0.00	130.63 -5.12 2.12	41.30 -1.70 1.24	30.97 -1.28 1.35	30.30 -1.30 0.79	27.46 -1.20 1.19	26.42 -1.22 1.24	20.18 -1.02 1.09	27.63 -1.56 1.11	24.29 -1.47 1.04	27.29 -1.46 1.11	32.85 -1.86 1.31	42.41 -2.48 1.51	66.56 -3.47 2.06	66.35 -3.63 2.00	42.34 -2.27 1.39	32.01 -1.72 0.98	30.34 -1.51 0.03
ROCKVIEW_13_KV_LD 356306	46.59 1.37 0.00	43.13 1.35 0.00	43.53 1.30 0.00	40.20 1.21 0.00	38.52 1.27 0.00	47.87 2.02 0.00	90.58 3.78 0.00	145.12 7.25 0.00	46.48 2.24 0.00	35.39 1.78 0.00	33.95 1.55 0.00	31.14 1.30 0.00	30.12 1.24 0.00	23.38 1.10 0.00	31.83 1.53 0.00	28.32 1.52 0.00	31.56 1.70 0.00	38.09 2.07 0.00	48.90 2.51 0.00	75.93 3.84 0.00	75.90 3.92 0.00	48.52 2.53 0.00	36.53 1.82 0.00	33.37 1.48 0.00
ROME____115KV_TB2 80656	46.14 0.92 0.00	42.51 0.73 0.00	42.90 0.67 0.00	39.64 0.64 0.00	37.92 0.67 0.00	47.08 1.23 0.00	89.50 2.69 0.00	142.31 4.44 0.00	45.27 1.04 0.00	33.93 0.32 0.00	32.63 0.23 0.00	29.82 -0.02 0.00	28.84 -0.04 0.00	22.25 -0.08 -0.05	30.21 -0.08 0.00	26.70 -0.10 0.00	30.16 0.31 0.00	36.84 0.82 0.00	47.74 1.34 0.00	73.81 1.72 0.00	73.68 1.70 0.00	46.85 0.86 0.00	35.20 0.49 0.00	32.22 0.32 0.00
ROSETON___1 23587	46.08 0.86 0.00	42.66 0.88 0.00	43.11 0.88 0.00	39.82 0.82 0.00	38.13 0.88 0.00	47.33 1.49 0.00	89.41 2.61 0.00	142.93 5.07 0.00	45.76 1.53 0.00	34.83 1.22 0.00	33.41 1.01 0.00	30.65 0.81 0.00	29.67 0.79 0.00	23.03 0.75 0.00	31.36 1.07 0.00	27.87 1.08 0.00	31.06 1.20 0.00	37.51 1.49 0.00	48.16 1.76 0.00	74.80 2.71 0.00	74.78 2.80 0.00	47.81 1.82 0.00	36.02 1.30 0.00	32.94 1.05 0.00
ROSETON___2 23588	46.08 0.86 0.00	42.66 0.88 0.00	43.11 0.88 0.00	39.82 0.82 0.00	38.13 0.88 0.00	47.33 1.49 0.00	89.41 2.61 0.00	142.93 5.07 0.00	45.76 1.53 0.00	34.83 1.22 0.00	33.41 1.01 0.00	30.65 0.81 0.00	29.67 0.79 0.00	23.03 0.75 0.00	31.36 1.07 0.00	27.87 1.08 0.00	31.06 1.20 0.00	37.51 1.49 0.00	48.16 1.76 0.00	74.80 2.71 0.00	74.78 2.80 0.00	47.81 1.82 0.00	36.02 1.30 0.00	32.94 1.05 0.00
ROTRDAM_115KV_TB3 80664	45.91 0.69 0.00	42.43 0.64 0.00	42.92 0.69 0.00	39.67 0.67 0.00	37.96 0.70 0.00	46.93 1.08 0.00	88.45 1.64 0.00	140.73 2.86 0.00	45.05 0.82 0.00	34.14 0.54 0.00	32.75 0.35 0.00	30.07 0.22 0.00	29.11 0.23 0.00	22.55 0.27 0.00	30.71 0.42 0.00	27.20 0.41 0.00	30.34 0.48 0.00	36.73 0.71 0.00	47.42 1.02 0.00	73.60 1.51 0.00	73.51 1.53 0.00	46.99 1.00 0.00	35.47 0.75 0.00	32.54 0.66 0.00
RUSSELL___1 23602	43.87 -1.35 0.00	40.44 -1.34 0.00	40.68 -1.55 0.00	37.50 -1.50 0.00	35.94 -1.31 0.00	44.97 -0.87 0.00	84.35 -2.46 0.00	131.33 -4.42 2.12	41.51 -1.49 1.24	31.12 -1.13 1.35	30.47 -1.14 0.79	27.59 -1.07 1.19	26.54 -1.10 1.25	20.27 -0.93 1.10	27.75 -1.43 1.11	24.40 -1.35 1.04	27.43 -1.32 1.11	33.03 -1.67 1.31	42.65 -2.23 1.52	66.92 -3.11 2.06	66.75 -3.23 2.01	42.57 -2.04 1.39	32.18 -1.55 0.98	30.48 -1.38 0.03
RUSSELL___2 23532	43.87 -1.35 0.00	40.44 -1.34 0.00	40.68 -1.55 0.00	37.50 -1.50 0.00	35.94 -1.31 0.00	44.97 -0.87 0.00	84.35 -2.46 0.00	131.33 -4.42 2.12	41.51 -1.49 1.24	31.12 -1.13 1.35	30.47 -1.14 0.79	27.59 -1.07 1.19	26.54 -1.10 1.25	20.27 -0.93 1.10	27.75 -1.43 1.11	24.40 -1.35 1.04	27.43 -1.32 1.11	33.03 -1.67 1.31	42.65 -2.23 1.52	66.92 -3.11 2.06	66.75 -3.23 2.01	42.57 -2.04 1.39	32.18 -1.55 0.98	30.48 -1.38 0.03
RUSSELL___3 23549	43.87 -1.35 0.00	40.44 -1.34 0.00	40.68 -1.55 0.00	37.50 -1.50 0.00	35.94 -1.31 0.00	44.97 -0.87 0.00	84.35 -2.46 0.00	131.33 -4.42 2.12	41.51 -1.49 1.24	31.12 -1.13 1.35	30.47 -1.14 0.79	27.59 -1.07 1.19	26.54 -1.10 1.25	20.27 -0.93 1.10	27.75 -1.43 1.11	24.40 -1.35 1.04	27.43 -1.32 1.11	33.03 -1.67 1.31	42.65 -2.23 1.52	66.92 -3.11 2.06	66.75 -3.23 2.01	42.57 -2.04 1.39	32.18 -1.55 0.98	30.48 -1.38 0.03
RUSSELL___4 23556	43.87 -1.35 0.00	40.44 -1.34 0.00	40.68 -1.55 0.00	37.50 -1.50 0.00	35.94 -1.31 0.00	44.97 -0.87 0.00	84.35 -2.46 0.00	131.33 -4.42 2.12	41.51 -1.49 1.24	31.12 -1.13 1.35	30.47 -1.14 0.79	27.59 -1.07 1.19	26.54 -1.10 1.25	20.27 -0.93 1.10	27.75 -1.43 1.11	24.40 -1.35 1.04	27.43 -1.32 1.11	33.03 -1.67 1.31	42.65 -2.23 1.52	66.92 -3.11 2.06	66.75 -3.23 2.01	42.57 -2.04 1.39	32.18 -1.55 0.98	30.48 -1.38 0.03
RUSSELL___STATION 23914	43.87 -1.35 0.00	40.44 -1.34 0.00	40.68 -1.55 0.00	37.50 -1.50 0.00	35.94 -1.31 0.00	44.97 -0.87 0.00	84.35 -2.46 0.00	131.33 -4.42 2.12	41.51 -1.49 1.24	31.12 -1.13 1.35	30.47 -1.14 0.79	27.59 -1.07 1.19	26.54 -1.10 1.25	20.27 -0.93 1.10	27.75 -1.43 1.11	24.40 -1.35 1.04	27.43 -1.32 1.11	33.03 -1.67 1.31	42.65 -2.23 1.52	66.92 -3.11 2.06	66.75 -3.23 2.01	42.57 -2.04 1.39	32.18 -1.55 0.98	30.48 -1.38 0.03
S SALMON___HYD 24043	43.97 -1.25 0.00	40.55 -1.23 0.00	40.90 -1.33 0.00	37.82 -1.18 0.00	36.17 -1.08 0.00	44.86 -0.98 0.00	85.00 -1.81 0.00	135.07 -2.80 0.00	43.13 -1.10 0.00	32.45 -1.16 0.00	31.22 -1.18 0.00	28.56 -1.29 0.00	27.57 -1.31 0.00	21.21 -1.14 -0.06	28.78 -1.52 0.00	25.45 -1.35 0.00	28.57 -1.29 0.00	35.05 -0.97 0.00	45.30 -1.10 0.00	69.87 -2.22 0.00	69.64 -2.34 0.00	44.36 -1.63 0.00	33.38 -1.33 0.00	30.61 -1.28 0.00
S.PERRY__115KV_TB1 80734	44.00 -1.21 0.00	40.54 -1.25 0.00	40.69 -1.54 0.00	37.45 -1.56 0.00	35.90 -1.35 0.00	45.10 -0.75 0.00	85.08 -1.72 0.00	174.65 -3.56 -40.34	66.15 -1.67 -23.58	57.64 -1.68 -25.71	45.91 -1.49 -15.00	51.02 -1.57 -22.74	50.85 -1.77 -23.73	41.67 -1.46 -20.84	52.58 -2.07 -24.36	47.83 -1.87 -22.90	52.29 -1.84 -24.28	62.63 -2.21 -28.82	76.79 -2.85 -33.24	114.43 -3.15 -45.48	113.20 -3.07 -44.29	74.73 -1.92 -30.65	54.90 -1.57 -21.75	31.18 -1.48 -0.77
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	42.70 -2.51 0.00	39.30 -2.48 0.00	39.43 -2.80 0.00	36.29 -2.71 0.00	34.77 -2.48 0.00	43.85 -1.99 0.00	81.51 -5.30 0.00	118.86 -9.73 9.28	35.83 -2.98 5.43	25.62 -2.06 5.92	26.70 -2.24 3.46	22.68 -1.93 5.24	21.50 -1.92 5.46	15.85 -1.64 4.80	22.70 -2.46 5.13	19.57 -2.41 4.82	22.35 -2.40 5.11	26.86 -3.10 6.06	35.20 -4.20 7.00	56.60 -5.94 9.54	56.58 -6.12 9.29	35.76 -3.80 6.43	27.34 -2.82 4.56	29.32 -2.41 0.16

SAWYER___23_KV_LOAD 55526	42.70 -2.51 0.00	39.30 -2.48 0.00	39.43 -2.80 0.00	36.29 -2.71 0.00	34.77 -2.48 0.00	43.85 -1.99 0.00	81.51 -5.30 0.00	118.86 -9.73 9.28	35.83 -2.98 5.43	25.62 -2.06 5.92	26.70 -2.24 3.46	22.68 -1.93 5.24	21.50 -1.92 5.46	15.85 -1.64 4.80	22.70 -2.46 5.13	19.57 -2.41 4.82	22.35 -2.40 5.11	26.86 -3.10 6.06	35.20 -4.20 7.00	56.60 -5.94 9.54	56.58 -6.12 9.29	35.76 -3.80 6.43	27.34 -2.82 4.56	29.32 -2.41 0.16
SELKIRK___I 23801	46.11 0.90 0.00	42.65 0.87 0.00	43.17 0.94 0.00	39.92 0.92 0.00	38.22 0.97 0.00	47.40 1.55 0.00	89.07 2.26 0.00	141.65 3.78 0.00	45.21 0.98 0.00	34.17 0.57 0.00	32.75 0.35 0.00	30.12 0.27 0.00	29.17 0.29 0.00	22.66 0.37 0.00	30.89 0.59 0.00	27.36 0.56 0.00	30.48 0.62 0.00	36.87 0.85 0.00	47.53 1.13 0.00	73.81 1.72 0.00	73.74 1.76 0.00	47.11 1.11 0.00	35.61 0.89 0.00	32.67 0.77 0.00
SELKIRK___II 23799	45.86 0.64 0.00	42.40 0.62 0.00	42.93 0.70 0.00	39.68 0.68 0.00	38.00 0.75 0.00	47.13 1.28 0.00	88.57 1.77 0.00	141.11 3.24 0.00	45.17 0.93 0.00	34.25 0.64 0.00	32.83 0.43 0.00	30.19 0.34 0.00	29.23 0.35 0.00	22.69 0.40 0.00	30.88 0.59 0.00	27.38 0.58 0.00	30.52 0.67 0.00	36.81 0.79 0.00	47.31 0.91 0.00	73.48 1.39 0.00	73.44 1.47 0.00	46.91 0.92 0.00	35.45 0.74 0.00	32.51 0.62 0.00
SENECA OSWGO___HYD 24041	43.87 -1.35 0.00	40.50 -1.29 0.00	40.87 -1.36 0.00	37.72 -1.27 0.00	36.12 -1.13 0.00	44.77 -1.07 0.00	84.47 -2.34 0.00	134.14 -3.73 0.00	42.92 -1.32 0.00	32.57 -1.04 0.00	31.42 -0.98 0.00	28.93 -0.91 0.00	27.98 -0.90 0.00	21.59 -0.70 0.00	29.33 -0.97 0.00	25.91 -0.88 0.00	29.00 -0.86 0.00	34.93 -1.09 0.00	44.87 -1.53 0.00	69.64 -2.44 0.00	69.47 -2.51 0.00	44.40 -1.59 0.00	33.50 -1.22 0.00	30.80 -1.09 0.00
SENECA___115KV_TB3 355854	43.18 -2.04 0.00	39.74 -2.04 0.00	39.84 -2.39 0.00	36.64 -2.35 0.00	35.11 -2.14 0.00	44.37 -1.47 0.00	82.61 -4.20 0.00	121.34 -8.00 8.53	36.82 -2.43 4.99	26.52 -1.65 5.44	27.42 -1.80 3.17	23.47 -1.57 4.81	22.25 -1.61 5.02	16.46 -1.42 4.41	23.81 -2.09 4.39	20.62 -2.05 4.12	23.47 -2.02 4.37	28.22 -2.61 5.18	36.81 -3.61 5.98	58.98 -4.95 8.16	58.94 -5.10 7.95	37.29 -3.21 5.50	28.40 -2.41 3.90	29.70 -2.05 0.14
SENECA___ENERGY 23797	44.01 -1.21 0.00	40.68 -1.11 0.00	40.90 -1.33 0.00	37.78 -1.22 0.00	36.19 -1.07 0.00	45.08 -0.76 0.00	85.14 -1.67 0.00	137.48 -3.00 -2.60	44.48 -1.28 -1.52	34.29 -0.98 -1.66	32.40 -0.96 -0.97	30.40 -0.92 -1.47	29.41 -1.01 -1.54	22.83 -0.81 -1.35	30.77 -1.12 -1.60	27.27 -1.03 -1.50	30.51 -0.95 -1.59	36.80 -1.11 -1.89	47.00 -1.59 -2.18	72.73 -2.34 -2.99	72.47 -2.42 -2.91	46.39 -1.61 -2.01	34.94 -1.20 -1.43	30.84 -1.10 -0.05
SHOEMAKER___GT 23640	45.92 0.70 0.00	42.50 0.72 0.00	42.94 0.71 0.00	39.67 0.67 0.00	37.98 0.72 0.00	47.11 1.27 0.00	89.04 2.23 0.00	142.22 4.34 0.00	45.49 1.26 0.00	34.54 0.93 0.00	33.11 0.71 0.00	30.39 0.54 0.00	29.40 0.52 0.00	22.81 0.53 0.00	31.04 0.75 0.00	27.58 0.79 0.00	30.74 0.88 0.00	37.21 1.19 0.00	47.87 1.47 0.00	74.40 2.31 0.00	74.38 2.40 0.00	47.55 1.56 0.00	35.80 1.08 0.00	32.75 0.86 0.00
SHOEMAKR_138KV_BK 111 55601	45.89 0.67 0.00	42.47 0.68 0.00	42.91 0.68 0.00	39.65 0.65 0.00	37.94 0.69 0.00	47.07 1.23 0.00	88.96 2.16 0.00	142.16 4.29 0.00	45.48 1.25 0.00	34.55 0.94 0.00	33.14 0.74 0.00	30.41 0.56 0.00	29.43 0.55 0.00	22.83 0.54 0.00	31.07 0.78 0.00	27.61 0.81 0.00	30.77 0.91 0.00	37.22 1.20 0.00	47.85 1.45 0.00	74.37 2.29 0.00	74.35 2.37 0.00	47.53 1.53 0.00	35.79 1.07 0.00	32.73 0.84 0.00
SHOREHAM_IC_1 23715	46.12 0.90 0.00	43.16 1.37 0.00	43.18 0.95 0.00	39.76 0.76 0.00	38.57 1.32 0.00	47.87 2.02 0.00	89.57 2.77 0.00	144.11 6.69 0.45	45.72 1.49 0.00	34.64 1.03 0.00	33.52 1.13 0.00	30.24 0.39 0.00	29.10 0.22 0.00	22.11 -0.17 0.01	30.42 0.13 0.00	27.64 0.85 0.00	30.97 1.11 0.00	37.46 1.44 0.00	48.34 1.94 0.00	75.92 3.83 0.00	75.96 3.98 0.00	48.69 2.70 0.00	36.64 1.92 0.00	33.23 1.34 0.00
SHOREHAM_IC_2 23716	46.12 0.90 0.00	43.16 1.37 0.00	43.18 0.95 0.00	39.76 0.76 0.00	38.57 1.32 0.00	47.87 2.02 0.00	89.57 2.77 0.00	144.11 6.69 0.45	45.72 1.49 0.00	34.64 1.03 0.00	33.52 1.13 0.00	30.24 0.39 0.00	29.10 0.22 0.00	22.11 -0.17 0.01	30.42 0.13 0.00	27.64 0.85 0.00	30.97 1.11 0.00	37.46 1.44 0.00	48.34 1.94 0.00	75.92 3.83 0.00	75.96 3.98 0.00	48.69 2.70 0.00	36.64 1.92 0.00	33.23 1.34 0.00
SISSONVILLE____ 23735	45.80 0.58 0.00	42.24 0.46 0.00	42.74 0.51 0.00	39.43 0.43 0.00	37.48 0.23 0.00	45.40 -0.44 0.00	86.98 0.17 0.00	137.43 -0.44 0.00	44.07 -0.17 0.00	33.19 -0.41 0.00	32.20 -0.19 0.00	29.58 -0.27 0.00	28.54 -0.34 -0.37	22.16 -0.49 0.00	29.63 -0.66 0.00	26.14 -0.66 0.00	29.19 -0.67 0.00	35.54 -0.48 0.00	46.40 0.00 0.00	72.14 0.05 0.00	71.97 -0.01 0.00	45.83 -0.16 0.00	34.47 -0.24 0.00	31.68 -0.21 0.00
SITHE_IND_GS1 24169	43.65 -1.57 0.00	40.31 -1.47 0.00	40.68 -1.55 0.00	37.56 -1.44 0.00	35.95 -1.30 0.00	44.45 -1.39 0.00	83.79 -3.02 0.00	133.03 -4.84 0.00	42.61 -1.62 0.00	32.42 -1.19 0.00	31.34 -1.05 0.00	28.85 -0.99 0.00	27.90 -0.98 0.00	21.54 -0.75 0.00	29.25 -1.05 0.00	25.84 -0.96 0.00	28.78 -1.08 0.00	34.61 -1.41 0.00	44.47 -1.93 0.00	69.07 -3.02 0.00	68.91 -3.07 0.00	44.04 -1.96 0.00	33.28 -1.43 0.00	30.64 -1.26 0.00
SITHE_IND_GS2 24170	43.65 -1.57 0.00	40.31 -1.47 0.00	40.68 -1.55 0.00	37.56 -1.44 0.00	35.95 -1.30 0.00	44.45 -1.39 0.00	83.79 -3.02 0.00	133.03 -4.84 0.00	42.61 -1.62 0.00	32.42 -1.19 0.00	31.34 -1.05 0.00	28.85 -0.99 0.00	27.90 -0.98 0.00	21.54 -0.75 0.00	29.25 -1.05 0.00	25.84 -0.96 0.00	28.78 -1.08 0.00	34.61 -1.41 0.00	44.47 -1.93 0.00	69.07 -3.02 0.00	68.91 -3.07 0.00	44.04 -1.96 0.00	33.28 -1.43 0.00	30.64 -1.26 0.00
SITHE_IND_GS3 24171	43.65 -1.57 0.00	40.31 -1.47 0.00	40.68 -1.55 0.00	37.56 -1.44 0.00	35.95 -1.30 0.00	44.45 -1.39 0.00	83.79 -3.02 0.00	133.03 -4.84 0.00	42.61 -1.62 0.00	32.42 -1.19 0.00	31.34 -1.05 0.00	28.85 -0.99 0.00	27.90 -0.98 0.00	21.54 -0.75 0.00	29.25 -1.05 0.00	25.84 -0.96 0.00	28.78 -1.08 0.00	34.61 -1.41 0.00	44.47 -1.93 0.00	69.07 -3.02 0.00	68.91 -3.07 0.00	44.04 -1.96 0.00	33.28 -1.43 0.00	30.64 -1.26 0.00
SITHE_IND_GS4 24172	43.65 -1.57 0.00	40.31 -1.47 0.00	40.68 -1.55 0.00	37.56 -1.44 0.00	35.95 -1.30 0.00	44.45 -1.39 0.00	83.79 -3.02 0.00	133.03 -4.84 0.00	42.61 -1.62 0.00	32.42 -1.19 0.00	31.34 -1.05 0.00	28.85 -0.99 0.00	27.90 -0.98 0.00	21.54 -0.75 0.00	29.25 -1.05 0.00	25.84 -0.96 0.00	28.78 -1.08 0.00	34.61 -1.41 0.00	44.47 -1.93 0.00	69.07 -3.02 0.00	68.91 -3.07 0.00	44.04 -1.96 0.00	33.28 -1.43 0.00	30.64 -1.26 0.00

SITHE___BATAVIA 24024	43.81 -1.41 0.00	40.33 -1.45 0.00	40.48 -1.75 0.00	37.27 -1.73 0.00	35.75 -1.50 0.00	45.02 -0.82 0.00	84.13 -2.68 0.00	125.47 -5.14 7.26	38.30 -1.69 4.24	27.58 -1.40 4.63	28.18 -1.52 2.70	24.21 -1.55 4.09	22.97 -1.64 4.27	17.13 -1.40 3.75	24.10 -2.12 4.07	21.00 -1.97 3.83	23.91 -1.89 4.06	28.94 -2.26 4.82	37.96 -2.89 5.56	60.80 -3.71 7.58	60.80 -3.80 7.38	38.50 -2.38 5.11	29.26 -1.83 3.63	30.18 -1.58 0.13
SITHE___INDEPEND 23800	43.65 -1.57 0.00	40.31 -1.48 0.00	40.68 -1.55 0.00	37.56 -1.44 0.00	35.95 -1.30 0.00	44.45 -1.40 0.00	83.79 -3.02 0.00	133.04 -4.83 0.00	42.61 -1.62 0.00	32.42 -1.19 0.00	31.34 -1.06 0.00	28.85 -1.00 0.00	27.90 -0.98 0.00	21.53 -0.75 0.00	29.25 -1.04 0.00	25.83 -0.96 0.00	28.78 -1.08 0.00	34.60 -1.42 0.00	44.46 -1.94 0.00	69.06 -3.03 0.00	68.91 -3.08 0.00	44.02 -1.97 0.00	33.28 -1.43 0.00	30.63 -1.26 0.00
SITHE___MASSENA 23902	46.41 1.19 0.00	42.85 1.07 0.00	43.34 1.12 0.00	39.99 0.99 0.00	38.03 0.78 0.00	46.10 0.25 0.00	88.00 1.20 0.00	139.00 1.13 0.00	44.70 0.46 0.00	33.89 0.28 0.00	32.90 0.50 0.00	30.27 0.43 0.00	29.25 0.37 0.00	22.49 0.14 -0.07	30.47 0.18 0.00	26.90 0.10 0.00	29.98 0.12 0.00	36.27 0.25 0.00	47.02 0.62 0.00	73.16 1.07 0.00	72.97 0.99 0.00	46.60 0.60 0.00	35.13 0.42 0.00	32.33 0.44 0.00
SITHE___OGDNSBRG 24021	47.15 1.93 0.00	43.52 1.74 0.00	44.03 1.80 0.00	40.62 1.62 0.00	38.61 1.35 0.00	46.77 0.93 0.00	89.70 2.90 0.00	141.53 3.67 0.00	45.22 0.98 0.00	33.90 0.29 0.00	32.90 0.50 0.00	30.25 0.41 0.00	29.25 0.37 0.00	22.60 0.06 -0.25	30.39 0.10 0.00	26.78 -0.01 0.00	29.93 0.07 0.00	36.29 0.27 0.00	47.65 1.25 0.00	74.38 2.29 0.00	74.23 2.24 0.00	47.32 1.33 0.00	35.62 0.91 0.00	32.76 0.87 0.00
SITHE___STERLING 23777	45.70 0.49 0.00	42.17 0.38 0.00	42.54 0.31 0.00	39.30 0.30 0.00	37.61 0.36 0.00	46.70 0.85 0.00	88.60 1.80 0.00	140.88 3.01 0.00	44.86 0.62 0.00	33.71 0.10 0.00	32.42 0.02 0.00	29.68 -0.17 0.00	28.70 -0.18 0.00	22.13 -0.16 0.00	30.09 -0.20 0.00	26.60 -0.20 0.00	29.96 0.10 0.00	36.45 0.44 0.00	47.13 0.73 0.00	73.10 1.01 0.00	72.94 0.96 0.00	46.44 0.45 0.00	34.94 0.23 0.00	32.00 0.11 0.00
SLEIGHT__34_KV_TB1 80719	43.70 -1.52 0.00	40.34 -1.44 0.00	40.61 -1.63 0.00	37.48 -1.52 0.00	35.92 -1.34 0.00	44.79 -1.06 0.00	84.42 -2.39 0.00	133.88 -3.99 0.00	42.75 -1.48 0.00	32.39 -1.22 0.00	31.19 -1.21 0.00	28.72 -1.13 0.00	27.69 -1.19 0.00	21.32 -0.96 0.00	28.91 -1.38 0.00	25.50 -1.29 0.00	28.69 -1.17 0.00	34.54 -1.48 0.00	44.37 -2.03 0.00	69.21 -2.88 0.00	68.98 -3.00 0.00	44.06 -1.94 0.00	33.22 -1.49 0.00	30.54 -1.35 0.00
SOUTH CAIRO___GT 23612	47.53 2.31 0.00	43.88 2.10 0.00	44.43 2.20 0.00	41.11 2.11 0.00	39.40 2.15 0.00	49.06 3.22 0.00	92.50 5.69 0.00	147.31 9.44 0.00	46.86 2.62 0.00	35.01 1.40 0.00	33.27 0.88 0.00	30.49 0.65 0.00	29.47 0.59 0.00	22.86 0.57 0.00	31.12 0.83 0.00	27.59 0.79 0.00	30.88 1.02 0.00	37.52 1.50 0.00	48.89 2.49 0.00	76.32 4.23 0.00	76.18 4.20 0.00	48.56 2.56 0.00	36.62 1.91 0.00	33.50 1.61 0.00
SOUTH HAMPTN___IC 23720	46.35 1.13 0.00	43.40 1.62 0.00	43.47 1.24 0.00	39.99 0.99 0.00	38.79 1.54 0.00	48.16 2.31 0.00	90.41 3.60 0.00	145.17 7.75 0.45	46.03 1.80 0.00	34.78 1.17 0.00	33.67 1.27 0.00	30.30 0.45 0.00	29.41 0.53 0.00	22.35 0.07 0.01	30.79 0.50 0.00	27.78 0.98 0.00	31.12 1.26 0.00	37.68 1.66 0.00	48.75 2.35 0.00	76.56 4.47 0.00	76.39 4.41 0.00	48.93 2.94 0.00	36.84 2.12 0.00	33.49 1.60 0.00
SOUTHDOW_115KV_TB1 355954	43.68 -1.54 0.00	40.02 -1.77 0.00	40.07 -2.16 0.00	36.81 -2.19 0.00	35.20 -2.06 0.00	44.65 -1.20 0.00	84.13 -2.67 0.00	131.73 -6.14 0.00	42.12 -2.12 0.00	32.42 -1.19 0.00	31.38 -1.01 0.00	28.98 -0.87 0.00	27.94 -0.94 0.00	21.15 -1.13 0.00	28.54 -1.75 0.00	25.21 -1.59 0.00	28.13 -1.73 0.00	33.85 -2.17 0.00	43.40 -3.00 0.00	68.75 -3.34 0.00	68.69 -3.29 0.00	43.22 -2.78 0.00	32.46 -2.26 0.00	29.91 -1.98 0.00
SOUTHOLD_69_KV_BK 2 55809	46.37 1.15 0.00	43.49 1.71 0.00	43.61 1.37 0.00	40.06 1.06 0.00	38.86 1.61 0.00	48.27 2.43 0.00	91.01 4.20 0.00	145.71 8.21 0.45	46.18 1.95 0.00	34.78 1.17 0.00	33.69 1.29 0.00	30.11 0.27 0.00	29.36 0.47 0.00	22.31 0.03 0.01	30.88 0.59 0.00	27.85 1.05 0.00	31.18 1.31 0.00	37.77 1.75 0.00	49.11 2.71 0.00	77.11 5.02 0.00	76.76 4.78 0.00	49.13 3.14 0.00	37.01 2.30 0.00	33.73 1.84 0.00
SOUTHOLD___IC 23719	46.37 1.15 0.00	43.49 1.71 0.00	43.60 1.37 0.00	40.06 1.06 0.00	38.86 1.61 0.00	48.27 2.43 0.00	91.01 4.20 0.00	145.63 8.21 0.45	46.19 1.95 0.00	34.78 1.17 0.00	33.68 1.28 0.00	30.11 0.26 0.00	29.35 0.47 0.00	22.30 0.02 0.01	30.87 0.58 0.00	27.84 1.04 0.00	31.16 1.30 0.00	37.77 1.75 0.00	49.11 2.71 0.00	77.10 5.02 0.00	76.75 4.77 0.00	49.12 3.12 0.00	37.00 2.29 0.00	33.73 1.84 0.00
SOUTH_FORK_WT_PWR 323839	46.01 0.79 0.00	43.22 1.44 0.00	43.35 1.12 0.00	39.78 0.78 0.00	38.58 1.33 0.00	47.90 2.06 0.00	90.48 3.67 0.00	144.60 7.18 0.45	45.85 1.62 0.00	34.48 0.86 0.00	33.44 1.04 0.00	29.76 -0.08 0.00	29.12 0.24 0.00	22.12 -0.16 0.01	30.73 0.44 0.00	27.72 0.92 0.00	30.98 1.12 0.00	37.52 1.51 0.00	48.93 2.53 0.00	76.78 4.70 0.00	76.29 4.31 0.00	48.81 2.82 0.00	36.83 2.11 0.00	33.63 1.74 0.00
SPIERFLS_115KV_TB 1 80737	46.49 1.28 0.00	42.91 1.13 0.00	43.52 1.28 0.00	40.27 1.27 0.00	38.61 1.36 0.00	48.08 2.24 0.00	90.40 3.59 0.00	143.89 6.02 0.00	46.06 1.82 0.00	34.60 0.98 0.00	32.87 0.47 0.00	30.07 0.22 0.00	29.02 0.14 0.00	22.48 0.19 0.00	30.72 0.43 0.00	27.24 0.45 0.00	30.66 0.80 0.00	37.23 1.21 0.00	47.82 1.42 0.00	74.58 2.50 0.00	74.74 2.76 0.00	47.60 1.61 0.00	35.94 1.22 0.00	33.03 1.14 0.00
ST LAWRENCE____ 23600	45.94 0.72 0.00	42.43 0.64 0.00	42.92 0.68 0.00	39.60 0.60 0.00	37.66 0.41 0.00	45.70 -0.14 0.00	87.15 0.34 0.00	137.75 -0.12 0.00	44.34 0.10 0.00	33.68 0.07 0.00	32.67 0.27 0.00	30.08 0.23 0.00	29.06 0.18 0.00	22.31 0.02 0.00	30.30 0.01 0.00	26.76 -0.04 0.00	29.80 -0.06 0.00	36.02 0.01 0.00	46.61 0.21 0.00	72.49 0.41 0.00	72.35 0.37 0.00	46.19 0.20 0.00	34.84 0.12 0.00	32.05 0.16 0.00
STATE_CA_115KV_115_LB 55624	46.08 0.86 0.00	42.61 0.82 0.00	43.14 0.91 0.00	39.90 0.90 0.00	38.22 0.97 0.00	47.49 1.65 0.00	89.23 2.43 0.00	142.26 4.39 0.00	45.52 1.28 0.00	34.44 0.83 0.00	32.98 0.58 0.00	30.30 0.46 0.00	29.33 0.45 0.00	22.78 0.49 0.00	30.99 0.70 0.00	27.49 0.69 0.00	30.71 0.86 0.00	37.05 1.03 0.00	47.57 1.17 0.00	73.90 1.81 0.00	73.79 1.81 0.00	47.10 1.10 0.00	35.59 0.87 0.00	32.62 0.73 0.00

STATE_ST_34_KV_LOAD 55959	44.66 -0.56 0.00	41.38 -0.40 0.00	41.59 -0.64 0.00	38.48 -0.51 0.00	36.89 -0.37 0.00	45.82 -0.02 0.00	86.60 -0.21 0.00	137.34 -0.52 0.00	43.64 -0.59 0.00	33.14 -0.47 0.00	31.96 -0.44 0.00	29.40 -0.45 0.00	28.39 -0.49 0.00	21.90 -0.39 0.00	29.76 -0.54 0.00	26.23 -0.56 0.00	29.50 -0.36 0.00	35.63 -0.39 0.00	45.77 -0.63 0.00	71.22 -0.87 0.00	71.02 -0.96 0.00	45.24 -0.76 0.00	34.17 -0.55 0.00	31.39 -0.50 0.00
STATION 5_MISC_HYD 23604	43.66 -1.56 0.00	40.25 -1.54 0.00	40.50 -1.73 0.00	37.33 -1.66 0.00	35.79 -1.47 0.00	44.75 -1.10 0.00	83.90 -2.91 0.00	130.65 -5.10 2.12	41.33 -1.67 1.24	31.00 -1.26 1.35	30.33 -1.28 0.79	27.47 -1.19 1.19	26.44 -1.20 1.24	20.19 -1.00 1.09	27.64 -1.55 1.11	24.30 -1.46 1.04	27.33 -1.43 1.11	32.89 -1.81 1.31	42.43 -2.45 1.51	66.57 -3.46 2.06	66.39 -3.59 2.00	42.36 -2.25 1.39	32.04 -1.69 0.98	30.34 -1.51 0.03
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	44.26 -0.96 0.00	40.83 -0.95 0.00	41.08 -1.15 0.00	37.93 -1.07 0.00	36.34 -0.92 0.00	45.37 -0.48 0.00	85.51 -1.30 0.00	135.46 -2.41 0.00	43.22 -1.01 0.00	32.82 -0.79 0.00	31.66 -0.74 0.00	29.09 -0.76 0.00	28.00 -0.88 0.00	21.57 -0.72 0.00	29.23 -1.06 0.00	25.84 -0.95 0.00	29.05 -0.81 0.00	35.01 -1.01 0.00	44.97 -1.43 0.00	70.09 -2.00 0.00	69.85 -2.13 0.00	44.58 -1.41 0.00	33.62 -1.09 0.00	30.91 -0.98 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	43.45 -1.77 0.00	40.07 -1.71 0.00	40.32 -1.91 0.00	37.18 -1.82 0.00	35.64 -1.62 0.00	44.54 -1.30 0.00	83.59 -3.22 0.00	132.24 -5.63 0.00	42.37 -1.86 0.00	32.21 -1.41 0.00	30.98 -1.41 0.00	28.54 -1.30 0.00	27.55 -1.33 0.00	21.19 -1.10 0.00	28.65 -1.65 0.00	25.26 -1.54 0.00	28.33 -1.53 0.00	34.08 -1.93 0.00	43.81 -2.59 0.00	68.40 -3.69 0.00	68.16 -3.83 0.00	43.58 -2.42 0.00	32.89 -1.82 0.00	30.27 -1.62 0.00
STA_56___34_KV_BUS2 355983	43.45 -1.77 0.00	40.07 -1.71 0.00	40.32 -1.91 0.00	37.18 -1.82 0.00	35.64 -1.62 0.00	44.54 -1.30 0.00	83.59 -3.22 0.00	132.24 -5.63 0.00	42.37 -1.86 0.00	32.21 -1.41 0.00	30.98 -1.41 0.00	28.54 -1.30 0.00	27.55 -1.33 0.00	21.19 -1.10 0.00	28.65 -1.65 0.00	25.26 -1.54 0.00	28.33 -1.53 0.00	34.08 -1.93 0.00	43.81 -2.59 0.00	68.40 -3.69 0.00	68.16 -3.83 0.00	43.58 -2.42 0.00	32.89 -1.82 0.00	30.27 -1.62 0.00
STA_67___115KV_BK2 355882	43.57 -1.65 0.00	40.16 -1.62 0.00	40.42 -1.82 0.00	37.26 -1.74 0.00	35.71 -1.54 0.00	44.65 -1.19 0.00	83.71 -3.09 0.00	130.23 -5.47 2.16	41.17 -1.81 1.26	30.88 -1.35 1.38	30.22 -1.38 0.80	27.37 -1.26 1.22	26.34 -1.28 1.27	20.11 -1.06 1.12	27.54 -1.61 1.13	24.20 -1.53 1.07	27.20 -1.52 1.13	32.74 -1.94 1.34	42.25 -2.60 1.55	66.32 -3.66 2.11	66.15 -3.79 2.05	42.20 -2.38 1.42	31.92 -1.79 1.01	30.28 -1.58 0.04
STA_7___115KV_9TRANS 80674	43.87 -1.35 0.00	40.44 -1.34 0.00	40.68 -1.55 0.00	37.50 -1.50 0.00	35.94 -1.31 0.00	44.97 -0.87 0.00	84.35 -2.46 0.00	131.33 -4.42 2.12	41.51 -1.49 1.24	31.12 -1.13 1.35	30.47 -1.14 0.79	27.59 -1.07 1.19	26.54 -1.10 1.25	20.27 -0.93 1.10	27.75 -1.43 1.11	24.40 -1.35 1.04	27.43 -1.32 1.11	33.03 -1.67 1.31	42.65 -2.23 1.52	66.92 -3.11 2.06	66.75 -3.23 2.01	42.57 -2.04 1.39	32.18 -1.55 0.98	30.48 -1.38 0.03
STA_82___115KV_TB1 80780	43.57 -1.65 0.00	40.16 -1.63 0.00	40.42 -1.82 0.00	37.26 -1.74 0.00	35.71 -1.54 0.00	44.65 -1.19 0.00	83.71 -3.09 0.00	130.49 -5.46 1.92	41.31 -1.36 1.12	31.03 -1.36 1.23	30.30 -1.38 0.72	27.49 -1.27 1.08	26.47 -1.29 1.13	20.23 -1.07 0.99	28.67 -1.62 0.00	25.26 -1.54 0.00	28.33 -1.53 0.00	34.07 -1.95 0.00	43.80 -2.60 0.00	68.44 -3.65 0.00	68.19 -3.79 0.00	43.63 -2.36 0.00	32.93 -1.78 0.00	30.32 -1.57 0.00
STEEL___WIND 323596	43.12 -2.10 0.00	39.72 -2.07 0.00	39.80 -2.43 0.00	36.60 -2.40 0.00	35.06 -2.20 0.00	44.34 -1.51 0.00	82.51 -4.29 0.00	121.25 -8.09 8.53	36.82 -2.43 4.99	26.52 -1.65 5.44	27.43 -1.79 3.17	23.44 -1.59 4.81	22.23 -1.63 5.02	16.45 -1.43 4.41	23.77 -2.14 4.39	20.60 -2.08 4.12	23.48 -2.01 4.37	28.25 -2.58 5.18	36.80 -3.62 5.98	58.95 -4.97 8.16	58.92 -5.11 7.95	37.29 -3.20 5.50	28.38 -2.43 3.90	29.64 -2.11 0.14
STEPHTWN_115KV_BK_2 55603	46.18 0.96 0.00	42.75 0.96 0.00	43.27 1.04 0.00	40.04 1.05 0.00	38.37 1.12 0.00	47.75 1.90 0.00	89.79 2.98 0.00	143.13 5.26 0.00	45.68 1.44 0.00	34.56 0.95 0.00	33.06 0.67 0.00	30.34 0.49 0.00	29.35 0.47 0.00	22.77 0.48 0.00	31.04 0.75 0.00	27.50 0.71 0.00	30.83 0.97 0.00	37.24 1.22 0.00	47.89 1.49 0.00	74.40 2.31 0.00	74.27 2.29 0.00	47.33 1.34 0.00	35.74 1.03 0.00	32.77 0.88 0.00
STEUBEN_REC_LFGE 323667	42.07 -3.15 0.00	38.93 -2.85 0.00	38.83 -3.40 0.00	35.76 -3.24 0.00	34.16 -3.09 0.00	42.86 -2.98 0.00	81.14 -5.66 0.00	154.06 -11.00 -27.18	56.07 -4.05 -15.89	48.07 -2.86 -17.32	40.07 -2.43 -10.11	42.75 -2.43 -15.32	41.82 -3.05 -15.99	33.77 -2.56 -14.05	42.96 -3.54 -16.20	38.92 -3.11 -15.23	42.86 -3.15 -16.15	51.57 -3.62 -19.17	63.61 -4.90 -22.11	95.11 -7.23 -30.24	94.17 -7.25 -29.44	61.75 -4.62 -20.37	45.72 -3.45 -14.46	29.29 -3.11 -0.51
STILLWATER___SOLAR 323814	46.77 1.55 0.00	43.20 1.42 0.00	43.78 1.55 0.00	40.49 1.49 0.00	38.82 1.57 0.00	48.27 2.43 0.00	90.78 3.97 0.00	144.43 6.56 0.00	46.15 1.92 0.00	34.79 1.18 0.00	33.13 0.73 0.00	30.36 0.51 0.00	29.32 0.44 0.00	22.74 0.45 0.00	31.05 0.76 0.00	27.52 0.72 0.00	30.88 1.02 0.00	37.44 1.42 0.00	48.20 1.80 0.00	75.06 2.97 0.00	75.10 3.12 0.00	47.89 1.90 0.00	36.18 1.46 0.00	33.22 1.33 0.00
STONY___BROOK 24151	46.63 1.41 0.00	43.41 1.63 0.00	43.64 1.41 0.00	40.18 1.18 0.00	38.78 1.53 0.00	48.10 2.25 0.00	90.41 3.60 0.00	144.85 7.43 0.45	46.07 1.84 0.00	34.98 1.37 0.00	33.75 1.35 0.00	30.78 0.93 0.00	29.72 0.84 0.00	22.82 0.53 0.01	31.28 0.99 0.00	28.00 1.21 0.00	31.36 1.50 0.00	37.91 1.89 0.00	48.76 2.36 0.00	76.33 4.24 0.00	76.33 4.35 0.00	48.99 3.00 0.00	36.87 2.15 0.00	33.53 1.64 0.00
STURGEON_POOL_HYD 23609	46.32 1.10 0.00	42.88 1.10 0.00	43.31 1.08 0.00	40.01 1.01 0.00	38.33 1.08 0.00	47.58 1.73 0.00	89.97 3.16 0.00	143.87 6.00 0.00	46.10 1.87 0.00	35.08 1.47 0.00	33.62 1.22 0.00	30.83 0.98 0.00	29.85 0.97 0.00	23.17 0.88 0.00	31.53 1.24 0.00	28.02 1.23 0.00	31.23 1.37 0.00	37.75 1.73 0.00	48.52 2.12 0.00	75.38 3.29 0.00	75.36 3.38 0.00	48.17 2.18 0.00	36.26 1.55 0.00	33.14 1.25 0.00
ST_LAW_115_BK7_LBMP 345037	46.00 0.78 0.00	42.48 0.69 0.00	42.98 0.75 0.00	39.64 0.64 0.00	37.70 0.45 0.00	45.70 -0.14 0.00	87.20 0.39 0.00	137.76 -0.10 0.00	44.36 0.12 0.00	33.69 0.08 0.00	32.68 0.29 0.00	30.10 0.25 0.00	29.08 0.20 0.00	22.32 0.03 0.00	30.31 0.02 0.00	26.77 -0.03 0.00	29.81 -0.05 0.00	36.03 0.01 0.00	46.63 0.23 0.00	72.53 0.45 0.00	72.38 0.40 0.00	46.23 0.24 0.00	34.87 0.15 0.00	32.08 0.19 0.00

ST_LAW_115_BK8_LBMP 345038	46.00 0.78 0.00	42.48 0.69 0.00	42.98 0.75 0.00	39.64 0.64 0.00	37.70 0.45 0.00	45.70 -0.14 0.00	87.20 0.39 0.00	137.76 -0.10 0.00	44.36 0.12 0.00	33.69 0.08 0.00	32.68 0.29 0.00	30.10 0.25 0.00	29.08 0.20 0.00	22.32 0.03 0.00	30.31 0.02 0.00	26.77 -0.03 0.00	29.81 -0.05 0.00	36.03 0.01 0.00	46.63 0.23 0.00	72.53 0.45 0.00	72.38 0.40 0.00	46.23 0.24 0.00	34.87 0.15 0.00	32.08 0.19 0.00
ST_LAW_230_BK5_LBMP 345035	45.94 0.72 0.00	42.43 0.64 0.00	42.92 0.68 0.00	39.60 0.60 0.00	37.66 0.41 0.00	45.70 -0.14 0.00	87.15 0.34 0.00	137.75 -0.12 0.00	44.34 0.10 0.00	33.68 0.07 0.00	32.67 0.27 0.00	30.08 0.23 0.00	29.06 0.18 0.00	22.31 0.02 0.00	30.30 0.01 0.00	26.76 -0.04 0.00	29.80 -0.06 0.00	36.02 0.01 0.00	46.61 0.21 0.00	72.49 0.41 0.00	72.35 0.37 0.00	46.19 0.20 0.00	34.84 0.12 0.00	32.05 0.16 0.00
ST_LAW_230_BK6_LBMP 345036	45.94 0.72 0.00	42.43 0.64 0.00	42.92 0.68 0.00	39.60 0.60 0.00	37.66 0.41 0.00	45.70 -0.14 0.00	87.15 0.34 0.00	137.75 -0.12 0.00	44.34 0.10 0.00	33.68 0.07 0.00	32.67 0.27 0.00	30.08 0.23 0.00	29.06 0.18 0.00	22.31 0.02 0.00	30.30 0.01 0.00	26.76 -0.04 0.00	29.80 -0.06 0.00	36.02 0.01 0.00	46.61 0.21 0.00	72.49 0.41 0.00	72.35 0.37 0.00	46.19 0.20 0.00	34.84 0.12 0.00	32.05 0.16 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	45.97 0.75 0.00	42.55 0.77 0.00	42.98 0.75 0.00	39.71 0.71 0.00	38.01 0.76 0.00	47.17 1.32 0.00	89.23 2.42 0.00	142.79 4.92 0.00	45.66 1.43 0.00	34.72 1.11 0.00	33.31 0.91 0.00	30.54 0.70 0.00	29.55 0.66 0.00	22.94 0.65 0.00	31.23 0.93 0.00	27.77 0.97 0.00	30.95 1.10 0.00	37.40 1.38 0.00	48.06 1.66 0.00	74.66 2.57 0.00	74.64 2.66 0.00	47.72 1.73 0.00	35.92 1.20 0.00	32.82 0.93 0.00
SWANROAD_115KV_TB1 355699	41.86 -3.36 0.00	38.54 -3.24 0.00	38.65 -3.58 0.00	35.58 -3.42 0.00	34.11 -3.14 0.00	42.95 -2.89 0.00	79.62 -7.19 0.00	114.64 -13.04 10.18	34.25 -4.03 5.95	24.21 -2.91 6.49	25.57 -3.04 3.79	21.39 -2.72 5.74	20.23 -2.66 5.99	14.83 -2.20 5.26	21.34 -3.26 5.70	18.30 -3.14 5.36	20.99 -3.18 5.68	25.24 -4.03 6.74	33.22 -5.40 7.78	53.66 -7.81 10.62	53.67 -7.98 10.34	33.93 -4.91 7.16	26.04 -3.60 5.08	28.70 -3.01 0.18
SYNERGY___BIOGAS 323694	43.81 -1.41 0.00	40.33 -1.45 0.00	40.48 -1.75 0.00	37.27 -1.73 0.00	35.75 -1.50 0.00	45.02 -0.82 0.00	84.13 -2.68 0.00	125.47 -5.14 7.26	38.30 -1.69 4.24	27.58 -1.40 4.63	28.18 -1.52 2.70	24.21 -1.55 4.09	22.97 -1.64 4.27	17.13 -1.40 3.75	24.10 -2.12 4.07	21.00 -1.97 3.83	23.91 -1.89 4.06	28.94 -2.26 4.82	37.96 -2.89 5.56	60.80 -3.71 7.58	60.80 -3.80 7.38	38.50 -2.38 5.11	29.26 -1.83 3.63	30.18 -1.58 0.13
SYRACUSE___ENERGY_ST1 323597	44.46 -0.76 0.00	41.07 -0.71 0.00	41.42 -0.82 0.00	38.25 -0.75 0.00	36.61 -0.64 0.00	45.42 -0.42 0.00	85.76 -1.05 0.00	136.15 -1.71 0.00	43.49 -0.74 0.00	33.02 -0.60 0.00	31.88 -0.51 0.00	29.35 -0.50 0.00	28.37 -0.51 0.00	21.89 -0.39 0.00	29.74 -0.56 0.00	26.28 -0.51 0.00	29.39 -0.47 0.00	35.42 -0.60 0.00	45.51 -0.89 0.00	70.70 -1.39 0.00	70.52 -1.46 0.00	45.02 -0.98 0.00	33.98 -0.74 0.00	31.23 -0.66 0.00
SYRACUSE___ENERGY_ST2 323598	44.46 -0.76 0.00	41.07 -0.71 0.00	41.42 -0.82 0.00	38.25 -0.75 0.00	36.61 -0.64 0.00	45.42 -0.42 0.00	85.76 -1.05 0.00	136.15 -1.71 0.00	43.49 -0.74 0.00	33.02 -0.60 0.00	31.88 -0.51 0.00	29.35 -0.50 0.00	28.37 -0.51 0.00	21.89 -0.39 0.00	29.74 -0.56 0.00	26.28 -0.51 0.00	29.39 -0.47 0.00	35.42 -0.60 0.00	45.51 -0.89 0.00	70.70 -1.39 0.00	70.52 -1.46 0.00	45.02 -0.98 0.00	33.98 -0.74 0.00	31.23 -0.66 0.00
SYRACUSE___POWER 24017	44.46 -0.76 0.00	41.05 -0.73 0.00	41.42 -0.82 0.00	38.23 -0.77 0.00	36.60 -0.65 0.00	45.42 -0.43 0.00	85.72 -1.09 0.00	136.10 -1.77 0.00	43.50 -0.73 0.00	33.01 -0.60 0.00	31.86 -0.54 0.00	29.33 -0.52 0.00	28.36 -0.52 0.00	21.88 -0.41 0.00	29.72 -0.57 0.00	26.28 -0.51 0.00	29.37 -0.49 0.00	35.41 -0.61 0.00	45.50 -0.90 0.00	70.66 -1.42 0.00	70.50 -1.49 0.00	45.03 -0.97 0.00	33.97 -0.75 0.00	31.22 -0.67 0.00
TALLMAN___138KV_BK151 55660	46.04 0.82 0.00	42.64 0.86 0.00	43.06 0.82 0.00	39.76 0.76 0.00	38.07 0.81 0.00	47.29 1.44 0.00	89.51 2.70 0.00	143.40 5.53 0.00	45.83 1.60 0.00	34.89 1.28 0.00	33.47 1.08 0.00	30.68 0.83 0.00	29.68 0.80 0.00	23.04 0.76 0.00	31.39 1.10 0.00	27.94 1.14 0.00	31.13 1.27 0.00	37.59 1.57 0.00	48.24 1.84 0.00	74.94 2.85 0.00	74.95 2.97 0.00	47.94 1.95 0.00	36.03 1.32 0.00	32.91 1.02 0.00
TEALLAVE_115KV_TB7 355573	44.24 -0.98 0.00	40.85 -0.93 0.00	41.20 -1.03 0.00	38.04 -0.96 0.00	36.42 -0.83 0.00	45.18 -0.66 0.00	85.24 -1.57 0.00	135.31 -2.55 0.00	43.29 -0.94 0.00	32.88 -0.73 0.00	31.75 -0.64 0.00	29.23 -0.62 0.00	28.27 -0.61 0.00	21.80 -0.48 0.00	29.62 -0.67 0.00	26.19 -0.60 0.00	29.25 -0.61 0.00	35.22 -0.79 0.00	45.23 -1.17 0.00	70.27 -1.82 0.00	70.09 -1.89 0.00	44.76 -1.23 0.00	33.79 -0.93 0.00	31.06 -0.83 0.00
TELGRAPH_34_KV_EAST 80808	42.88 -2.34 0.00	39.48 -2.31 0.00	39.62 -2.61 0.00	36.46 -2.54 0.00	34.98 -2.27 0.00	44.05 -1.79 0.00	81.98 -4.83 0.00	119.66 -8.92 9.29	35.99 -2.81 5.43	25.57 -2.12 5.92	26.70 -2.24 3.45	22.54 -2.07 5.24	21.36 -2.06 5.46	15.75 -1.74 4.80	22.47 -2.58 5.24	19.39 -2.48 4.93	22.18 -2.45 5.22	26.75 -3.07 6.20	35.17 -4.07 7.15	56.66 -5.66 9.76	56.66 -5.81 9.50	35.81 -3.61 6.58	27.36 -2.69 4.67	29.45 -2.28 0.17
TEMPLE___115KV_TB 2 55572	44.26 -0.95 0.00	40.86 -0.92 0.00	41.22 -1.01 0.00	38.05 -0.95 0.00	36.43 -0.83 0.00	45.20 -0.64 0.00	85.26 -1.55 0.00	135.38 -2.48 0.00	43.30 -0.93 0.00	32.90 -0.71 0.00	31.76 -0.64 0.00	29.25 -0.60 0.00	28.28 -0.60 0.00	21.82 -0.46 0.00	29.64 -0.65 0.00	26.21 -0.59 0.00	29.27 -0.59 0.00	35.24 -0.78 0.00	45.25 -1.16 0.00	70.29 -1.80 0.00	70.10 -1.88 0.00	44.78 -1.21 0.00	33.80 -0.91 0.00	31.07 -0.82 0.00
TIANA____69_KV_BK 1 55817	46.38 1.16 0.00	43.41 1.63 0.00	43.47 1.24 0.00	40.00 1.00 0.00	38.80 1.55 0.00	48.18 2.33 0.00	90.37 3.56 0.00	145.22 7.81 0.45	46.04 1.81 0.00	34.82 1.21 0.00	33.70 1.30 0.00	30.37 0.52 0.00	29.44 0.56 0.00	22.38 0.10 0.01	30.81 0.52 0.00	27.79 0.99 0.00	31.14 1.28 0.00	37.69 1.67 0.00	48.72 2.32 0.00	76.50 4.41 0.00	76.40 4.42 0.00	48.94 2.95 0.00	36.84 2.12 0.00	33.46 1.57 0.00
TILDEN___115KV_TB1 80814	44.46 -0.76 0.00	41.05 -0.73 0.00	41.42 -0.82 0.00	38.23 -0.77 0.00	36.60 -0.65 0.00	45.42 -0.43 0.00	85.72 -1.09 0.00	136.10 -1.77 0.00	43.50 -0.73 0.00	33.01 -0.60 0.00	31.86 -0.54 0.00	29.33 -0.52 0.00	28.36 -0.52 0.00	21.88 -0.41 0.00	29.72 -0.57 0.00	26.28 -0.51 0.00	29.37 -0.49 0.00	35.41 -0.61 0.00	45.50 -0.90 0.00	70.66 -1.42 0.00	70.50 -1.49 0.00	45.03 -0.97 0.00	33.97 -0.75 0.00	31.22 -0.67 0.00

TRIGEN___CC 323695	46.70 1.48 0.00	43.32 1.53 0.00	43.68 1.45 0.00	40.28 1.28 0.00	38.66 1.41 0.00	47.94 2.09 0.00	90.24 3.44 0.00	144.57 6.71 0.01	46.27 2.04 0.00	35.26 1.65 0.00	33.96 1.56 0.00	31.05 1.20 0.00	30.00 1.12 0.00	23.20 0.92 0.00	31.68 1.39 0.00	28.26 1.46 0.00	31.57 1.71 0.00	38.07 2.06 0.00	48.89 2.49 0.00	76.16 4.07 0.00	76.10 4.12 0.00	48.64 2.65 0.00	36.62 1.91 0.00	33.42 1.54 0.00
TRINITY___115KV___4 BK 55933	45.90 0.68 0.00	42.44 0.66 0.00	42.99 0.76 0.00	39.75 0.75 0.00	38.09 0.84 0.00	47.34 1.49 0.00	88.86 2.05 0.00	141.63 3.76 0.00	45.34 1.10 0.00	34.32 0.71 0.00	32.86 0.45 0.00	30.21 0.37 0.00	29.24 0.36 0.00	22.70 0.42 0.00	30.89 0.60 0.00	27.40 0.61 0.00	30.60 0.74 0.00	36.89 0.87 0.00	47.32 0.92 0.00	73.54 1.44 0.00	73.47 1.49 0.00	46.91 0.92 0.00	35.47 0.76 0.00	32.52 0.63 0.00
UNION___PROCESSING_DRP 323587	43.57 -1.65 0.00	40.16 -1.62 0.00	40.42 -1.82 0.00	37.26 -1.73 0.00	35.72 -1.54 0.00	44.66 -1.19 0.00	83.73 -3.08 0.00	130.44 -5.42 2.01	41.28 -1.78 1.17	30.98 -1.35 1.28	30.27 -1.38 0.75	27.45 -1.27 1.13	26.42 -1.29 1.18	20.18 -1.07 1.04	28.67 -1.62 0.00	25.27 -1.53 0.00	28.33 -1.53 0.00	34.08 -1.94 0.00	43.81 -2.59 0.00	68.45 -3.64 0.00	68.21 -3.77 0.00	43.64 -2.35 0.00	32.94 -1.78 0.00	30.32 -1.57 0.00
UPPER HUDSON___HYD 24058	46.49 1.27 0.00	42.91 1.13 0.00	43.51 1.28 0.00	40.27 1.27 0.00	38.62 1.36 0.00	48.08 2.23 0.00	90.39 3.59 0.00	143.88 6.02 0.00	46.06 1.82 0.00	34.60 0.99 0.00	32.87 0.47 0.00	30.07 0.22 0.00	29.02 0.14 0.00	22.48 0.19 0.00	30.72 0.43 0.00	27.24 0.45 0.00	30.66 0.80 0.00	37.23 1.21 0.00	47.82 1.42 0.00	74.59 2.50 0.00	74.74 2.76 0.00	47.60 1.61 0.00	35.93 1.22 0.00	33.02 1.13 0.00
UPPER RAQUET___HYD 24056	45.80 0.58 0.00	42.24 0.46 0.00	42.74 0.51 0.00	39.43 0.43 0.00	37.48 0.23 0.00	45.40 -0.44 0.00	86.98 0.17 0.00	137.44 -0.43 0.00	44.07 -0.17 0.00	33.20 -0.41 0.00	32.20 -0.19 0.00	29.57 -0.27 0.00	28.54 -0.34 0.00	22.16 -0.49 -0.37	29.63 -0.66 0.00	26.14 -0.66 0.00	29.18 -0.67 0.00	35.53 -0.49 0.00	46.40 0.00 0.00	72.14 0.05 0.00	71.97 -0.01 0.00	45.83 -0.16 0.00	34.47 -0.24 0.00	31.68 -0.21 0.00
VALLEY44_115KV_TB2 355964	44.65 -0.57 0.00	41.04 -0.74 0.00	41.20 -1.04 0.00	37.90 -1.10 0.00	36.25 -1.01 0.00	45.35 -0.49 0.00	85.08 -1.73 0.00	133.89 -5.89 -1.91	43.01 -2.34 -1.11	33.34 -1.48 -1.21	31.85 -1.25 -0.71	29.87 -1.06 -1.08	28.93 -1.07 -1.12	22.31 -0.96 -0.99	28.94 -1.35 0.00	25.53 -1.27 0.00	28.55 -1.31 0.00	34.17 -1.84 0.00	43.60 -2.80 0.00	68.40 -3.69 0.00	68.08 -3.90 0.00	43.40 -2.59 0.00	32.78 -1.94 0.00	30.39 -1.50 0.00
VALLEY___115KV_TB 1-4 80826	45.02 -0.20 0.00	41.57 -0.22 0.00	42.06 -0.17 0.00	38.90 -0.10 0.00	37.27 0.01 0.00	46.28 0.43 0.00	87.54 0.73 0.00	139.59 1.72 0.00	44.27 0.04 0.00	32.97 -0.64 0.00	31.42 -0.98 0.00	28.78 -1.07 0.00	27.83 -1.06 0.00	21.60 -0.68 0.00	29.45 -0.85 0.00	26.12 -0.68 0.00	29.12 -0.74 0.00	35.67 -0.35 0.00	46.32 -0.08 0.00	72.10 0.01 0.00	72.01 0.03 0.00	45.88 -0.11 0.00	34.57 -0.15 0.00	31.64 -0.25 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	46.76 1.54 0.00	43.24 1.46 0.00	43.72 1.49 0.00	40.40 1.41 0.00	38.69 1.44 0.00	48.08 2.24 0.00	90.77 3.97 0.00	144.25 6.38 0.00	46.01 1.78 0.00	34.99 1.38 0.00	33.72 1.33 0.00	30.98 1.13 0.00	29.99 1.11 0.00	23.16 0.87 0.00	31.42 1.12 0.00	27.77 0.98 0.00	31.09 1.23 0.00	37.45 1.43 0.00	48.09 1.69 0.00	74.64 2.55 0.00	74.55 2.57 0.00	47.56 1.57 0.00	35.81 1.10 0.00	32.81 0.92 0.00
VISCHER___FERRY HYD 24020	46.13 0.91 0.00	42.64 0.85 0.00	43.22 0.99 0.00	39.97 0.97 0.00	38.30 1.05 0.00	47.57 1.73 0.00	89.24 2.44 0.00	142.16 4.29 0.00	45.55 1.32 0.00	34.51 0.90 0.00	32.96 0.56 0.00	30.26 0.42 0.00	29.25 0.37 0.00	22.70 0.41 0.00	30.94 0.65 0.00	27.44 0.65 0.00	30.68 0.82 0.00	37.05 1.03 0.00	47.63 1.23 0.00	74.02 1.93 0.00	74.01 2.02 0.00	47.31 1.32 0.00	35.80 1.08 0.00	32.85 0.96 0.00
V_A_10_SYNC_DSASP 323832	42.70 -2.52 0.00	39.35 -2.43 0.00	39.55 -2.69 0.00	36.42 -2.58 0.00	34.89 -2.36 0.00	43.79 -2.06 0.00	81.56 -5.25 0.00	121.62 -9.22 7.03	37.26 -2.87 4.11	27.11 -2.02 4.48	27.65 -2.14 2.61	24.04 -1.85 3.96	22.93 -1.82 4.13	17.15 -1.51 3.63	23.97 -2.32 4.01	20.78 -2.25 3.77	23.62 -2.24 3.99	28.39 -2.89 4.74	36.98 -3.96 5.47	58.91 -5.72 7.46	58.85 -5.87 7.26	37.34 -3.63 5.02	28.48 -2.67 3.57	29.44 -2.32 0.13
V_CMM_10_SYNC_DSASP 323787	46.24 1.02 0.00	42.69 0.90 0.00	43.20 0.96 0.00	39.84 0.84 0.00	37.89 0.64 0.00	45.95 0.11 0.00	87.66 0.85 0.00	138.47 0.61 0.00	44.58 0.34 0.00	33.85 0.24 0.00	32.86 0.46 0.00	30.25 0.40 0.00	29.23 0.34 0.00	22.43 0.14 0.00	30.47 0.18 0.00	26.90 0.10 0.00	29.96 0.10 0.00	36.21 0.19 0.00	46.86 0.46 0.00	72.90 0.81 0.00	72.74 0.76 0.00	46.46 0.47 0.00	35.05 0.33 0.00	32.24 0.35 0.00
V_CMP_10_SYNC_DSASP 323788	47.68 2.46 0.00	43.96 2.18 0.00	44.56 2.33 0.00	40.94 1.94 0.00	38.82 1.57 0.00	46.99 1.14 0.00	89.12 2.32 0.00	140.05 2.18 0.00	44.80 0.56 0.00	33.95 0.34 0.00	33.10 0.70 0.00	30.34 0.49 0.00	29.06 0.18 0.00	19.28 -0.50 2.51	29.74 -0.56 0.00	26.32 -0.48 0.00	29.06 -0.80 0.00	35.62 -0.40 0.00	46.77 0.37 0.00	73.78 1.69 0.00	73.71 1.73 0.00	46.23 0.23 0.00	34.52 -0.19 0.00	31.50 -0.39 0.00
V_D_10_SYNC_DSASP 323841	46.41 1.19 0.00	42.85 1.07 0.00	43.34 1.12 0.00	39.99 0.99 0.00	38.03 0.78 0.00	46.10 0.26 0.00	88.00 1.20 0.00	139.01 1.14 0.00	44.70 0.47 0.00	33.90 0.29 0.00	32.90 0.50 0.00	30.28 0.43 0.00	29.25 0.37 0.00	22.50 0.15 -0.06	30.47 0.18 0.00	26.90 0.11 0.00	29.98 0.12 0.00	36.27 0.25 0.00	47.02 0.62 0.00	73.16 1.07 0.00	72.97 0.99 0.00	46.60 0.60 0.00	35.13 0.42 0.00	32.33 0.44 0.00
V_E_10_SYNC_DSASP 323830	46.77 1.55 0.00	43.23 1.45 0.00	43.93 1.70 0.00	40.65 1.65 0.00	39.03 1.78 0.00	48.88 3.03 0.00	92.74 5.93 0.00	149.79 9.61 -2.32	47.50 1.91 -1.36	35.77 0.69 -1.48	34.01 0.75 -0.86	31.39 0.23 -1.31	30.23 -0.02 -1.37	23.32 -0.17 -1.20	31.08 -0.53 -1.32	27.57 -0.46 -1.24	31.42 0.25 -1.31	38.45 0.88 -1.56	49.61 1.41 -1.79	76.70 2.16 -2.45	76.06 1.69 -2.39	48.49 0.85 -1.65	36.24 0.36 -1.17	32.08 0.15 -0.04
V_F_30_NSYNC___DSASP 323816	46.86 1.64 0.00	43.29 1.51 0.00	43.86 1.62 0.00	40.57 1.57 0.00	38.89 1.64 0.00	48.36 2.52 0.00	90.97 4.16 0.00	144.71 6.85 0.00	46.25 2.01 0.00	34.87 1.26 0.00	33.22 0.82 0.00	30.44 0.59 0.00	29.40 0.52 0.00	22.80 0.51 0.00	31.15 0.86 0.00	27.59 0.79 0.00	30.96 1.10 0.00	37.54 1.52 0.00	48.30 1.90 0.00	75.25 3.16 0.00	75.26 3.28 0.00	47.99 2.00 0.00	36.24 1.53 0.00	33.27 1.38 0.00



V_F_30_SYNC_DSASP 323786	46.08 0.86 0.00	42.61 0.82 0.00	43.14 0.91 0.00	39.90 0.90 0.00	38.22 0.96 0.00	47.48 1.64 0.00	89.23 2.42 0.00	142.24 4.37 0.00	45.51 1.27 0.00	34.43 0.82 0.00	32.97 0.58 0.00	30.30 0.45 0.00	29.33 0.45 0.00	22.77 0.49 0.00	30.99 0.69 0.00	27.48 0.69 0.00	30.71 0.85 0.00	37.05 1.03 0.00	47.57 1.17 0.00	73.89 1.80 0.00	73.79 1.81 0.00	47.09 1.10 0.00	35.59 0.87 0.00	32.62 0.73 0.00
V_XM_10_SYNC_DSASP 323789	47.68 2.46 0.00	43.96 2.18 0.00	44.56 2.33 0.00	40.94 1.94 0.00	38.82 1.57 0.00	46.99 1.14 0.00	89.12 2.32 0.00	140.05 2.18 0.00	44.80 0.56 0.00	33.95 0.34 0.00	33.10 0.70 0.00	30.34 0.49 0.00	29.06 0.18 0.00	19.28 -0.50 2.51	29.74 -0.56 0.00	26.32 -0.48 0.00	29.06 -0.80 0.00	35.62 -0.40 0.00	46.77 0.37 0.00	73.78 1.69 0.00	73.71 1.73 0.00	46.23 0.23 0.00	34.52 -0.19 0.00	31.50 -0.39 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	46.22 1.00 0.00	42.79 1.02 0.00	43.21 0.98 0.00	39.90 0.91 0.00	38.23 0.97 0.00	47.67 1.83 0.00	90.31 3.51 0.00	144.67 6.80 0.00	46.24 2.01 0.00	35.18 1.57 0.00	33.75 1.35 0.00	30.94 1.09 0.00	29.92 1.04 0.00	23.23 0.94 0.00	31.64 1.35 0.00	28.16 1.36 0.00	31.42 1.56 0.00	37.86 1.84 0.00	48.45 2.05 0.00	75.24 3.15 0.00	75.26 3.28 0.00	48.12 2.13 0.00	36.18 1.46 0.00	33.04 1.15 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	46.66 1.44 0.00	43.19 1.40 0.00	43.61 1.37 0.00	40.27 1.27 0.00	38.58 1.33 0.00	47.97 2.13 0.00	90.77 3.96 0.00	145.44 7.57 0.00	46.58 2.34 0.00	35.48 1.87 0.00	34.05 1.65 0.00	31.23 1.38 0.00	30.21 1.33 0.00	23.48 1.19 0.00	31.94 1.65 0.00	28.39 1.60 0.00	31.62 1.76 0.00	38.11 2.10 0.00	48.92 2.52 0.00	75.88 3.79 0.00	75.86 3.87 0.00	48.50 2.50 0.00	36.54 1.82 0.00	33.35 1.46 0.00
W50THST__13_KV_LOAD 356117	46.93 1.71 0.00	43.43 1.65 0.00	43.85 1.61 0.00	40.49 1.49 0.00	38.79 1.54 0.00	48.25 2.41 0.00	91.36 4.55 0.00	146.46 8.59 0.00	46.90 2.67 0.00	35.75 2.14 0.00	34.32 1.92 0.00	31.47 1.62 0.00	30.44 1.56 0.00	23.67 1.38 0.00	32.18 1.89 0.00	28.61 1.81 0.00	31.87 2.01 0.00	38.38 2.36 0.00	49.23 2.83 0.00	76.33 4.24 0.00	76.29 4.31 0.00	48.76 2.76 0.00	36.72 2.01 0.00	33.51 1.62 0.00
WADING RIVER_IC_1 23522	46.07 0.86 0.00	43.13 1.35 0.00	43.14 0.91 0.00	39.72 0.72 0.00	38.55 1.29 0.00	47.83 1.98 0.00	89.48 2.68 0.00	144.01 6.59 0.45	45.67 1.44 0.00	34.59 0.98 0.00	33.51 1.11 0.00	30.25 0.40 0.00	29.31 0.43 0.00	22.25 -0.03 0.01	30.59 0.29 0.00	27.62 0.82 0.00	30.94 1.08 0.00	37.43 1.41 0.00	48.32 1.92 0.00	75.87 3.78 0.00	75.90 3.92 0.00	48.67 2.68 0.00	36.61 1.90 0.00	33.21 1.32 0.00
WADING RIVER_IC_2 23547	46.07 0.86 0.00	43.13 1.35 0.00	43.14 0.91 0.00	39.72 0.72 0.00	38.55 1.29 0.00	47.83 1.98 0.00	89.48 2.68 0.00	144.01 6.59 0.45	45.67 1.44 0.00	34.59 0.98 0.00	33.51 1.11 0.00	30.25 0.40 0.00	29.31 0.43 0.00	22.25 -0.03 0.01	30.59 0.29 0.00	27.62 0.82 0.00	30.94 1.08 0.00	37.43 1.41 0.00	48.32 1.92 0.00	75.87 3.78 0.00	75.90 3.92 0.00	48.67 2.68 0.00	36.61 1.90 0.00	33.21 1.32 0.00
WADING RIVER_IC_3 23601	46.07 0.86 0.00	43.13 1.35 0.00	43.14 0.91 0.00	39.72 0.72 0.00	38.55 1.29 0.00	47.83 1.98 0.00	89.48 2.68 0.00	144.01 6.59 0.45	45.67 1.44 0.00	34.59 0.98 0.00	33.51 1.11 0.00	30.25 0.40 0.00	29.31 0.43 0.00	22.25 -0.03 0.01	30.59 0.29 0.00	27.62 0.82 0.00	30.94 1.08 0.00	37.43 1.41 0.00	48.32 1.92 0.00	75.87 3.78 0.00	75.90 3.92 0.00	48.67 2.68 0.00	36.61 1.90 0.00	33.21 1.32 0.00
WALDENNY_12_KV_BK2 80841	43.14 -2.08 0.00	39.70 -2.08 0.00	39.78 -2.45 0.00	36.61 -2.39 0.00	35.08 -2.17 0.00	44.32 -1.52 0.00	82.51 -4.30 0.00	120.98 -8.18 8.70	36.66 -2.48 5.09	26.37 -1.69 5.55	27.33 -1.84 3.24	23.33 -1.61 4.91	22.13 -1.64 5.12	16.36 -1.43 4.50	23.65 -2.11 4.52	20.45 -2.10 4.25	23.31 -2.04 4.51	28.02 -2.65 5.35	36.58 -3.65 6.17	58.65 -5.02 8.42	58.58 -5.21 8.20	37.07 -3.25 5.67	28.24 -2.45 4.02	29.67 -2.07 0.14
WALDEN__HYDRO 24148	46.26 1.05 0.00	42.83 1.05 0.00	43.25 1.02 0.00	39.96 0.96 0.00	38.27 1.01 0.00	47.52 1.67 0.00	89.93 3.12 0.00	143.80 5.93 0.00	45.99 1.75 0.00	34.93 1.32 0.00	33.48 1.08 0.00	30.70 0.85 0.00	29.69 0.81 0.00	23.04 0.76 0.00	31.37 1.08 0.00	27.90 1.10 0.00	31.11 1.26 0.00	37.65 1.63 0.00	48.40 2.00 0.00	75.24 3.15 0.00	75.23 3.25 0.00	48.06 2.07 0.00	36.17 1.45 0.00	33.05 1.16 0.00
WARRENSBURG____ 23737	46.49 1.28 0.00	42.91 1.13 0.00	43.52 1.28 0.00	40.27 1.27 0.00	38.61 1.36 0.00	48.08 2.24 0.00	90.40 3.59 0.00	143.89 6.02 0.00	46.06 1.82 0.00	34.60 0.98 0.00	32.87 0.47 0.00	30.07 0.22 0.00	29.02 0.14 0.00	22.48 0.19 0.00	30.72 0.43 0.00	27.24 0.45 0.00	30.66 0.80 0.00	37.23 1.21 0.00	47.82 1.42 0.00	74.58 2.50 0.00	74.74 2.76 0.00	47.60 1.61 0.00	35.94 1.22 0.00	33.03 1.14 0.00
WATERSIDE____6 8 9 23538	45.30 1.50 1.43	41.32 1.48 1.94	41.84 1.45 1.84	37.86 1.33 2.47	35.80 1.39 2.85	46.56 2.18 1.46	90.86 4.05 0.00	145.39 7.75 0.23	44.08 2.44 2.60	33.37 1.94 2.18	31.12 1.73 3.00	29.61 1.44 1.68	30.35 1.40 -0.07	28.42 1.24 -4.89	28.91 1.71 3.08	24.68 1.66 3.78	28.38 1.84 3.31	35.26 2.19 2.95	46.14 2.65 2.91	72.51 3.97 3.54	72.76 4.09 3.31	42.69 2.66 5.96	33.10 1.92 3.54	30.10 1.55 3.35
WATKINRD_115KV_LN8_ILLION 55919	45.08 -0.14 0.00	41.64 -0.14 0.00	42.12 -0.12 0.00	38.94 -0.06 0.00	37.28 0.02 0.00	46.23 0.38 0.00	87.41 0.61 0.00	139.34 1.47 0.00	44.33 0.10 0.00	33.22 -0.39 0.00	31.76 -0.63 0.00	29.08 -0.76 0.00	28.12 -0.76 0.00	21.82 -0.47 0.00	29.73 -0.57 0.00	26.34 -0.46 0.00	29.38 -0.48 0.00	35.84 -0.18 0.00	46.42 0.02 0.00	72.19 0.10 0.00	72.06 0.08 0.00	45.97 -0.03 0.00	34.65 -0.07 0.00	31.74 -0.15 0.00
WATSON____69_KV_BK 1 55734	47.10 1.88 0.00	43.78 2.00 0.00	44.06 1.83 0.00	40.57 1.57 0.00	39.10 1.84 0.00	48.53 2.68 0.00	91.23 4.43 0.00	146.00 8.56 0.43	46.62 2.38 0.00	35.44 1.83 0.00	34.16 1.76 0.00	31.09 1.25 0.00	30.00 1.12 0.00	23.07 0.78 0.01	31.62 1.33 0.00	28.30 1.50 0.00	31.70 1.84 0.00	38.31 2.30 0.00	49.36 2.96 0.00	77.26 5.17 0.00	77.25 5.27 0.00	49.41 3.41 0.00	37.16 2.45 0.00	33.83 1.94 0.00
WDELAWARE__HYD 323627	46.31 1.10 0.00	43.17 1.38 0.00	43.63 1.39 0.00	40.32 1.32 0.00	38.62 1.37 0.00	48.00 2.16 0.00	90.90 4.09 0.00	145.14 7.27 0.00	46.34 2.10 0.00	35.12 1.51 0.00	33.66 1.26 0.00	30.81 0.96 0.00	29.88 1.00 0.00	23.16 0.88 0.00	31.52 1.23 0.00	27.99 1.19 0.00	31.31 1.45 0.00	38.08 2.06 0.00	49.01 2.61 0.00	76.11 4.03 0.00	76.02 4.04 0.00	48.53 2.54 0.00	36.50 1.79 0.00	33.36 1.47 0.00

WEST BABYLON___IC 23714	47.07 1.85 0.00	43.72 1.94 0.00	44.02 1.79 0.00	40.55 1.55 0.00	39.01 1.76 0.00	48.41 2.56 0.00	91.05 4.24 0.00	145.70 8.21 0.38	46.58 2.35 0.00	35.42 1.81 0.00	34.13 1.74 0.00	31.09 1.25 0.00	30.01 1.13 0.00	23.12 0.84 0.01	31.66 1.37 0.00	28.31 1.51 0.00	31.70 1.84 0.00	38.28 2.27 0.00	49.29 2.89 0.00	77.08 4.99 0.00	77.08 5.10 0.00	49.29 3.30 0.00	37.07 2.35 0.00	33.77 1.88 0.00
WEST CANADA___HYD 24049	45.13 -0.09 0.00	41.70 -0.08 0.00	42.17 -0.06 0.00	38.96 -0.04 0.00	37.25 0.00 0.00	46.02 0.17 0.00	87.00 0.19 0.00	138.41 0.55 0.00	44.35 0.11 0.00	33.64 0.03 0.00	32.35 -0.04 0.00	29.64 -0.20 0.00	28.67 -0.21 0.00	22.21 -0.08 0.00	30.22 -0.07 0.00	26.74 -0.05 0.00	29.82 -0.04 0.00	36.04 0.03 0.00	46.43 0.03 0.00	72.00 -0.09 0.00	71.93 -0.05 0.00	45.94 -0.06 0.00	34.65 -0.06 0.00	31.78 -0.11 0.00
WESTERN_NY_WIND 24143	43.74 -1.48 0.00	40.27 -1.52 0.00	40.41 -1.82 0.00	37.21 -1.79 0.00	35.70 -1.56 0.00	44.96 -0.89 0.00	84.00 -2.80 0.00	124.66 -5.45 7.76	37.89 -1.81 4.54	27.17 -1.49 4.94	27.90 -1.61 2.89	23.85 -1.63 4.37	22.61 -1.71 4.56	16.82 -1.46 4.01	23.75 -2.19 4.36	20.66 -2.04 4.10	23.53 -1.98 4.34	28.48 -2.38 5.16	37.43 -3.02 5.95	60.10 -3.87 8.12	60.09 -3.99 7.90	38.02 -2.51 5.47	28.91 -1.92 3.88	30.12 -1.63 0.14
WESTOVER___LESR 323668	44.65 -0.57 0.00	41.21 -0.57 0.00	41.49 -0.75 0.00	38.28 -0.72 0.00	36.62 -0.64 0.00	45.59 -0.26 0.00	86.12 -0.69 0.00	136.38 -1.49 0.00	43.48 -0.76 0.00	33.09 -0.52 0.00	31.99 -0.41 0.00	29.44 -0.41 0.00	28.45 -0.42 0.00	21.93 -0.36 0.00	29.82 -0.47 0.00	26.41 -0.39 0.00	29.46 -0.40 0.00	35.54 -0.48 0.00	45.56 -0.84 0.00	70.89 -1.20 0.00	70.67 -1.32 0.00	45.09 -0.91 0.00	33.97 -0.74 0.00	31.23 -0.67 0.00
WETHRSFD_WT_PWR 323626	41.57 -3.65 0.00	38.28 -3.51 0.00	38.25 -3.98 0.00	35.13 -3.87 0.00	33.62 -3.63 0.00	42.43 -3.41 0.00	79.56 -7.25 0.00	57.23 -13.44 67.19	0.48 -4.48 39.28	-12.46 -3.24 42.83	4.44 -2.97 24.99	-10.83 -2.79 37.88	-13.57 -2.92 39.53	-14.82 -2.38 34.72	-13.54 -3.39 40.45	-14.23 -3.00 38.02	-13.59 -3.14 40.31	-15.55 -3.72 47.85	-13.87 -5.08 55.19	-10.91 -7.50 75.49	-9.15 -7.62 73.51	-9.75 -4.87 50.88	-5.13 -3.73 36.11	27.22 -3.39 1.28
WHAVSTOR_138KV_BK127 55557	46.06 0.84 0.00	42.66 0.88 0.00	43.08 0.85 0.00	39.78 0.78 0.00	38.09 0.84 0.00	47.30 1.46 0.00	89.51 2.71 0.00	143.37 5.50 0.00	45.85 1.61 0.00	34.89 1.28 0.00	33.48 1.08 0.00	30.69 0.84 0.00	29.69 0.80 0.00	23.05 0.77 0.00	31.40 1.10 0.00	27.93 1.14 0.00	31.12 1.26 0.00	37.57 1.55 0.00	48.25 1.85 0.00	74.93 2.84 0.00	74.95 2.97 0.00	47.93 1.94 0.00	36.05 1.33 0.00	32.94 1.05 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	46.06 0.84 0.00	42.66 0.88 0.00	43.08 0.85 0.00	39.78 0.78 0.00	38.09 0.84 0.00	47.30 1.46 0.00	89.51 2.71 0.00	143.37 5.50 0.00	45.85 1.61 0.00	34.89 1.28 0.00	33.48 1.08 0.00	30.69 0.84 0.00	29.69 0.80 0.00	23.05 0.77 0.00	31.40 1.10 0.00	27.93 1.14 0.00	31.12 1.26 0.00	37.57 1.55 0.00	48.25 1.85 0.00	74.93 2.84 0.00	74.95 2.97 0.00	47.93 1.94 0.00	36.05 1.33 0.00	32.94 1.05 0.00
WHITEHAL_115KV_TB1 80871	47.03 1.81 0.00	43.36 1.58 0.00	44.16 1.92 0.00	40.87 1.87 0.00	39.22 1.97 0.00	49.16 3.32 0.00	91.88 5.07 0.00	145.84 7.97 0.00	47.04 2.80 0.00	35.33 1.73 0.00	33.32 0.92 0.00	30.43 0.58 0.00	29.24 0.36 0.00	22.57 0.28 0.00	30.98 0.69 0.00	27.63 0.84 0.00	31.27 1.41 0.00	38.16 2.14 0.00	48.37 1.97 0.00	75.75 3.66 0.00	76.14 4.16 0.00	48.18 2.18 0.00	36.59 1.88 0.00	33.85 1.96 0.00
WHITEPLN_13_KV_LOAD 356215	46.77 1.56 0.00	43.29 1.51 0.00	43.72 1.48 0.00	40.37 1.37 0.00	38.67 1.42 0.00	48.09 2.24 0.00	91.09 4.28 0.00	145.81 7.94 0.00	46.69 2.45 0.00	35.53 1.92 0.00	34.08 1.68 0.00	31.24 1.39 0.00	30.21 1.33 0.00	23.45 1.17 0.00	31.92 1.63 0.00	28.40 1.60 0.00	31.67 1.81 0.00	38.25 2.23 0.00	49.11 2.71 0.00	76.29 4.20 0.00	76.24 4.26 0.00	48.73 2.73 0.00	36.66 1.94 0.00	33.48 1.59 0.00
WM_FLOYD_69_KV_BK2 356380	46.43 1.21 0.00	43.34 1.55 0.00	43.47 1.24 0.00	40.02 1.02 0.00	38.71 1.46 0.00	48.05 2.20 0.00	90.13 3.32 0.00	144.71 7.29 0.45	46.01 1.77 0.00	34.87 1.26 0.00	33.67 1.28 0.00	30.51 0.66 0.00	29.51 0.63 0.00	22.55 0.27 0.01	30.96 0.67 0.00	27.83 1.03 0.00	31.18 1.33 0.00	37.72 1.70 0.00	48.66 2.26 0.00	76.31 4.21 0.00	76.33 4.35 0.00	48.91 2.92 0.00	36.81 2.09 0.00	33.45 1.56 0.00
WOODARD___115KV_TB2 355635	44.22 -1.00 0.00	40.83 -0.96 0.00	41.18 -1.05 0.00	38.02 -0.98 0.00	36.40 -0.85 0.00	45.13 -0.71 0.00	85.13 -1.68 0.00	135.16 -2.71 0.00	43.25 -0.98 0.00	32.86 -0.75 0.00	31.73 -0.67 0.00	29.21 -0.64 0.00	28.25 -0.63 0.00	21.79 -0.49 0.00	29.60 -0.69 0.00	26.17 -0.63 0.00	29.23 -0.63 0.00	35.19 -0.83 0.00	45.20 -1.20 0.00	70.20 -1.89 0.00	70.02 -1.96 0.00	44.73 -1.26 0.00	33.77 -0.95 0.00	31.03 -0.86 0.00
YORK___WARBASSE 23770	54.15 1.81 -7.12	53.24 1.77 -9.68	53.17 1.76 -9.18	52.90 1.61 -12.29	53.13 1.66 -14.22	55.66 2.51 -7.30	91.47 4.65 -0.01	147.83 8.79 -1.17	60.79 2.77 -13.79	54.44 2.16 -18.67	54.26 1.94 -19.93	53.75 1.63 -22.27	58.23 1.56 -27.79	64.38 1.35 -40.74	52.60 1.86 -20.45	53.63 1.80 -25.03	53.75 2.00 -21.89	57.92 2.39 -19.51	66.46 2.90 -17.16	94.10 4.33 -17.68	98.46 4.53 -21.95	80.90 2.98 -31.93	54.58 2.18 -17.69	53.68 1.77 -20.01