

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

08/06/2025

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	46.85	43.39	39.12	37.07	37.46	39.16	43.89	45.90	46.28	46.00	45.70	48.31	51.16	55.48	59.36	60.03	73.17	80.36	77.97	73.81	66.30	58.39	49.65	45.50
24138	1.76	1.59	1.36	1.29	1.27	1.25	1.69	2.02	2.41	2.59	2.32	2.48	2.21	2.21	2.31	2.24	2.85	3.39	2.56	1.87	1.43	1.14	1.31	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.19	-0.45	-0.70	-0.87	-0.76	-0.67	-0.43	-0.72	-0.02	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	46.90	43.44	39.15	37.11	37.46	39.16	43.89	45.86	46.24	45.95	45.66	48.26	51.11	55.42	59.30	59.92	73.10	80.29	77.97	73.95	66.43	58.39	49.70	45.55
24260	1.80	1.63	1.40	1.32	1.27	1.25	1.69	1.97	2.37	2.55	2.28	2.44	2.16	2.15	2.25	2.12	2.78	3.31	2.56	2.01	1.56	1.14	1.35	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.19	-0.45	-0.70	-0.87	-0.76	-0.67	-0.43	-0.72	-0.02	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	46.90	43.44	39.15	37.11	37.46	39.16	43.89	45.86	46.24	45.95	45.66	48.26	51.11	55.42	59.30	59.92	73.10	80.29	77.97	73.95	66.43	58.39	49.70	45.55
24261	1.80	1.63	1.40	1.32	1.27	1.25	1.69	1.97	2.37	2.55	2.28	2.44	2.16	2.15	2.25	2.12	2.78	3.31	2.56	2.01	1.56	1.14	1.35	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.19	-0.45	-0.70	-0.87	-0.76	-0.67	-0.43	-0.72	-0.02	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	47.03	43.56	39.38	37.32	37.82	39.57	43.98	45.73	45.45	44.55	43.71	45.79	48.48	53.08	56.83	58.24	70.62	78.86	77.82	74.89	67.85	59.88	50.28	45.95
24011	1.94	1.76	1.62	1.54	1.63	1.67	1.77	1.84	1.58	1.51	1.20	1.31	1.20	1.26	1.07	1.26	1.67	1.92	2.41	2.95	2.98	2.63	1.93	1.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.42	0.64	0.80	0.69	0.62	0.39	0.66	0.02	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	47.21	43.73	39.57	37.46	38.00	39.76	44.19	45.91	45.71	44.68	43.89	45.97	48.69	53.30	57.00	58.53	70.98	79.47	78.27	75.39	68.37	60.28	50.47	46.12
23798	2.12	1.92	1.81	1.68	1.81	1.86	1.98	2.02	1.84	1.64	1.37	1.49	1.40	1.47	1.24	1.55	2.02	2.54	2.86	3.45	3.50	3.03	2.12	1.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.41	0.64	0.78	0.68	0.61	0.38	0.65	0.02	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	47.03	43.56	39.38	37.32	37.82	39.57	43.98	45.73	45.45	44.55	43.71	45.79	48.48	53.08	56.83	58.24	70.62	78.86	77.82	74.89	67.85	59.88	50.28	45.95
24028	1.94	1.76	1.62	1.54	1.63	1.67	1.77	1.84	1.58	1.51	1.20	1.31	1.20	1.26	1.07	1.26	1.67	1.92	2.41	2.95	2.98	2.63	1.93	1.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.42	0.64	0.80	0.69	0.62	0.39	0.66	0.02	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	46.22	42.89	38.78	36.82	37.24	38.93	43.30	45.03	44.97	43.69	42.74	44.51	46.94	51.56	55.52	57.08	68.92	78.07	76.61	73.08	65.97	58.11	48.97	44.89
23527	1.13	1.09	1.02	1.04	1.05	1.02	1.10	1.14	1.10	0.86	0.73	0.81	0.62	0.58	0.51	0.57	0.77	1.16	1.20	1.15	1.10	0.86	0.63	0.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.92	1.42	1.76	1.53	1.36	0.86	1.45	0.04	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	44.46	41.22	37.30	35.46	35.87	37.45	41.61	43.32	43.43	42.55	41.94	43.96	46.55	50.89	54.62	55.73	67.53	75.25	73.74	70.28	63.51	55.99	47.28	43.43
24190	-0.63	-0.59	-0.45	-0.32	-0.33	-0.45	-0.59	-0.57	-0.44	-0.52	-0.64	-0.63	-0.87	-1.05	-1.24	-1.32	-1.53	-1.69	-1.66	-1.65	-1.36	-1.26	-1.06	-0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.34	0.53	0.66	0.57	0.51	0.32	0.54	0.02	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	45.50	42.27	38.25	36.25	36.70	38.36	42.71	44.32	44.31	43.60	43.23	45.30	48.46	52.88	56.82	57.88	69.95	77.50	75.70	72.37	65.39	57.25	47.73	44.84
355683	0.41	0.46	0.49	0.47	0.51	0.45	0.51	0.44	0.44	0.39	0.30	0.18	0.38	0.37	0.45	0.52	0.35	0.54	0.30	0.43	0.52	0.69	0.73	0.62
	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	0.69	1.34	0.00
ALBANY_1_SOLAR	44.24	41.47	37.57	35.68	36.12	37.68	41.78	43.21	43.14	42.34	41.80	43.73	45.80	48.86	51.56	52.45	61.05	66.72	65.80	70.63	63.81	56.37	46.83	43.56
323833	-0.36	-0.34	-0.19	-0.11	-0.07	-0.23	-0.42	-0.48	-0.52	-0.78	-0.90	-1.04	-1.25	-1.47	-1.64	-1.55	-1.74	-1.62	-1.43	-1.29	-1.04	-0.86	-0.78	-0.66
	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.21	0.10	0.23	0.35	1.03	2.18	3.18	3.37	6.82	8.62	8.17	0.02	0.02	0.02	0.74	0.00
ALBANY_2_SOLAR	44.20	41.47	37.57	35.68	36.08	37.64	41.78	43.21	43.09	42.34	41.75	43.73	45.75	48.86	51.56	52.45	61.05	66.72	65.81	70.55	63.81	56.37	46.78	43.51
323834	-0.41	-0.34	-0.19	-0.11	-0.11	-0.26	-0.42	-0.48	-0.57	-0.78	-0.94	-1.04	-1.30	-1.47	-1.64	-1.55	-1.74	-1.62	-1.43	-1.37	-1.04	-0.86	-0.82	-0.71
	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.21	0.10	0.23	0.35	1.03	2.18	3.18	3.37	6.81	8.62	8.16	0.02	0.02	0.02	0.74	0.00
ALBANY___1	44.46	41.22	37.30	35.46	35.87	37.45	41.61	43.32	43.43	42.55	41.94	43.96	46.55	50.89	54.62	55.73	67.53	75.25	73.74	70.28	63.51	55.99	47.28	43.43
23571	-0.63	-0.59	-0.45	-0.32	-0.33	-0.45	-0.59	-0.57	-0.44	-0.52	-0.64	-0.63	-0.87	-1.05	-1.24	-1.32	-1.53	-1.69	-1.66	-1.65	-1.36	-1.26	-1.06	-0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.34	0.53	0.66	0.57	0.51	0.32	0.54	0.02	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	44.46 -0.63 0.00	41.22 -0.59 0.00	37.30 -0.45 0.00	35.46 -0.32 0.00	35.87 -0.33 0.00	37.45 -0.45 0.00	41.61 -0.59 0.00	43.32 -0.57 0.00	43.43 -0.44 0.00	42.55 -0.52 0.15	41.94 -0.64 0.34	43.96 -0.63 0.53	46.55 -0.87 0.66	50.89 -1.05 0.57	54.62 -1.24 0.51	55.73 -1.32 0.32	67.53 -1.53 0.54	75.25 -1.69 0.02	73.74 -1.66 0.00	70.28 -1.65 0.00	63.51 -1.36 0.00	55.99 -1.26 0.00	47.28 -1.06 0.00	43.43 -0.80 0.00
ALBANY___3 23573	44.46 -0.63 0.00	41.22 -0.59 0.00	37.30 -0.45 0.00	35.46 -0.32 0.00	35.87 -0.33 0.00	37.45 -0.45 0.00	41.61 -0.59 0.00	43.32 -0.57 0.00	43.43 -0.44 0.00	42.55 -0.52 0.15	41.94 -0.64 0.34	43.96 -0.63 0.53	46.55 -0.87 0.66	50.89 -1.05 0.57	54.62 -1.24 0.51	55.73 -1.32 0.32	67.53 -1.53 0.54	75.25 -1.69 0.02	73.74 -1.66 0.00	70.28 -1.65 0.00	63.51 -1.36 0.00	55.99 -1.26 0.00	47.28 -1.06 0.00	43.43 -0.80 0.00
ALBANY___4 23574	44.46 -0.63 0.00	41.22 -0.59 0.00	37.30 -0.45 0.00	35.46 -0.32 0.00	35.87 -0.33 0.00	37.45 -0.45 0.00	41.61 -0.59 0.00	43.32 -0.57 0.00	43.43 -0.44 0.00	42.55 -0.52 0.15	41.94 -0.64 0.34	43.96 -0.63 0.53	46.55 -0.87 0.66	50.89 -1.05 0.57	54.62 -1.24 0.51	55.73 -1.32 0.32	67.53 -1.53 0.54	75.25 -1.69 0.02	73.74 -1.66 0.00	70.28 -1.65 0.00	63.51 -1.36 0.00	55.99 -1.26 0.00	47.28 -1.06 0.00	43.43 -0.80 0.00
ALBANY___LFGE 323615	45.00 -0.09 0.00	41.76 -0.04 0.00	37.79 0.04 0.00	35.89 0.11 0.00	36.30 0.11 0.00	37.91 0.00 0.00	42.16 -0.04 0.00	43.89 0.00 0.00	44.00 0.13 0.00	43.05 0.00 0.16	42.51 -0.04 0.37	44.50 -0.05 0.58	47.17 -0.19 0.72	51.57 -0.31 0.63	55.31 -0.51 0.56	56.56 -0.46 0.35	68.45 -0.56 0.59	76.48 -0.46 0.02	74.88 -0.52 0.00	71.36 -0.58 0.00	64.42 -0.45 0.00	56.79 -0.46 0.00	47.86 -0.48 0.00	43.91 -0.31 0.00
ALCOA_PA_115KV_PL-6C 55860	45.81 0.72 0.00	42.60 0.79 0.00	38.55 0.79 0.00	36.53 0.75 0.00	36.95 0.76 0.00	38.67 0.76 0.00	43.05 0.84 0.00	44.63 0.75 0.00	44.62 0.75 0.00	43.86 0.65 0.00	43.44 0.52 0.00	45.57 0.45 0.00	48.75 0.67 0.00	53.25 0.74 0.00	57.22 0.85 0.00	58.29 0.92 0.00	70.30 0.70 0.00	77.96 1.00 0.00	76.08 0.68 0.00	72.80 0.86 0.00	65.97 1.10 0.00	66.85 1.32 -8.29	61.84 1.26 -12.24	45.28 1.06 0.00
ALCOA_RYNLDS___DRP 24188	45.81 0.72 0.00	42.60 0.79 0.00	38.55 0.79 0.00	36.53 0.75 0.00	36.95 0.76 0.00	38.67 0.76 0.00	43.05 0.84 0.00	44.63 0.75 0.00	44.62 0.75 0.00	43.86 0.65 0.00	43.44 0.52 0.00	45.57 0.45 0.00	48.75 0.67 0.00	53.25 0.74 0.00	57.22 0.85 0.00	58.29 0.92 0.00	70.30 0.70 0.00	77.96 1.00 0.00	76.08 0.68 0.00	72.80 0.86 0.00	65.97 1.10 0.00	66.85 1.32 -8.29	61.84 1.26 -12.24	45.28 1.06 0.00
ALCOA___DSASP 323711	45.86 0.77 0.00	42.60 0.79 0.00	38.55 0.79 0.00	36.54 0.75 0.00	36.95 0.76 0.00	38.66 0.76 0.00	43.05 0.84 0.00	44.63 0.75 0.00	44.62 0.75 0.00	43.86 0.65 0.00	43.44 0.52 0.00	45.57 0.45 0.00	48.75 0.67 0.00	53.25 0.73 0.00	57.22 0.85 0.00	58.17 0.80 0.00	70.30 0.70 0.00	77.73 0.77 0.00	76.08 0.68 0.00	72.80 0.87 0.00	65.97 1.10 0.00	66.85 1.32 -8.29	61.84 1.25 -12.24	45.37 1.15 0.00
ALLEGHENY___COGEN 23514	47.52 2.43 0.00	43.90 2.09 0.00	39.00 1.24 0.00	36.71 0.93 0.00	37.17 0.98 0.00	39.42 1.52 0.00	43.85 1.64 0.00	44.94 1.05 0.00	43.78 -0.09 0.00	42.95 -0.26 0.00	43.01 0.09 0.00	45.48 0.36 0.00	48.89 0.82 0.00	53.67 1.15 0.00	57.84 1.46 0.00	59.03 1.66 0.00	72.04 2.43 0.00	80.80 3.85 0.00	80.16 4.75 0.00	77.48 5.54 0.00	70.12 5.25 0.00	61.88 4.63 0.00	52.16 3.82 0.00	47.32 3.09 -0.01
ALTAMONT_115KV_TB 2 55880	45.26 0.14 -0.03	41.93 0.13 0.00	37.98 0.23 0.00	36.07 0.29 0.00	36.48 0.29 0.00	38.10 0.19 0.00	42.33 0.13 0.00	44.03 0.13 -0.01	44.06 0.18 -0.01	43.25 0.13 0.10	42.74 0.04 0.23	44.82 0.05 0.35	47.58 -0.10 0.40	52.03 -0.21 0.27	55.92 -0.28 0.17	57.00 -0.34 0.03	69.27 -0.35 -0.02	77.06 -0.38 -0.49	75.58 -0.30 -0.48	71.58 -0.36 0.00	64.68 -0.19 0.00	57.02 -0.23 0.00	48.24 -0.15 -0.04	44.18 -0.04 0.00
ALTONA_WT_PWR 323606	45.23 0.14 0.00	42.02 0.21 0.00	38.02 0.27 0.00	36.03 0.25 0.00	36.48 0.29 0.00	38.17 0.27 0.00	42.54 0.34 0.00	44.15 0.26 0.00	44.18 0.31 0.00	43.52 0.30 0.00	43.10 0.17 0.00	44.94 -0.18 0.00	48.08 0.00 0.00	52.51 0.00 0.00	56.43 0.06 0.00	57.37 0.00 0.00	69.53 -0.07 0.00	76.88 -0.08 0.00	75.33 -0.08 0.00	72.01 0.07 0.00	65.00 0.13 0.00	57.48 0.23 0.00	47.94 0.24 0.65	44.66 0.44 0.00
AMERICAN_REF_FUEL 24010	46.85 1.76 0.00	43.27 1.46 0.00	38.36 0.60 0.00	36.10 0.32 0.00	36.23 0.04 0.00	38.74 0.83 0.00	42.42 0.21 0.00	43.49 -0.40 0.00	42.91 -0.97 0.00	42.91 -0.30 0.00	43.40 0.47 0.00	46.02 0.90 0.00	49.38 1.30 0.00	54.14 1.63 0.00	58.01 1.64 0.00	58.86 1.49 0.00	71.97 2.37 0.00	79.57 2.62 0.00	78.04 2.64 0.00	74.34 2.37 -0.03	67.01 2.14 0.00	59.13 1.89 0.00	50.42 2.08 0.00	46.17 1.90 -0.05
ARKWRIGHT___SUMMIT_WT_PWR 323751	48.16 3.07 0.00	44.52 2.72 0.00	39.49 1.74 0.00	36.93 1.14 0.00	37.28 1.08 0.00	39.76 1.86 0.00	43.98 1.77 0.00	45.25 1.36 0.00	44.79 0.92 0.00	44.81 1.60 0.00	45.37 2.45 0.00	48.19 3.07 0.00	51.92 3.85 0.00	57.08 4.57 0.00	61.11 4.74 0.00	62.07 4.71 0.00	75.80 6.19 0.00	83.73 6.77 0.00	82.19 6.79 0.00	78.29 6.33 -0.02	70.32 5.45 0.00	61.83 4.58 0.00	52.35 4.01 0.00	48.42 4.16 -0.04
ARTHUR KILL_GT_1 23520	46.99 1.89 0.00	43.52 1.71 0.00	39.12 1.36 0.00	37.21 1.43 0.00	37.46 1.27 0.00	38.97 1.06 0.00	43.72 1.52 0.00	45.69 1.80 0.00	46.06 2.19 0.00	45.91 2.51 -0.19	45.61 2.23 -0.45	47.81 1.99 -0.70	49.11 1.06 0.02	50.87 0.95 2.58	52.01 1.07 5.43	51.84 0.98 6.50	56.94 1.60 14.26	64.07 2.08 14.96	64.38 1.36 12.38	52.37 -0.79 20.36	52.43 0.52 12.96	51.32 0.11 6.04	49.41 1.06 0.00	45.72 1.50 0.00
ARTHUR_KILL_2 23512	46.90 1.81 0.00	43.35 1.55 0.00	39.00 1.24 0.00	37.07 1.29 0.00	37.32 1.12 0.00	38.78 0.87 0.00	43.60 1.39 0.00	45.51 1.62 0.00	45.85 1.98 0.00	45.65 2.25 -0.19	45.44 2.06 -0.45	47.58 1.76 -0.70	48.92 0.87 0.02	50.65 0.73 2.59	51.61 0.68 5.44	51.66 0.80 6.51	56.59 1.25 14.27	63.83 1.84 14.97	64.00 0.98 12.39	52.01 0.43 20.36	52.11 0.20 12.96	51.02 -0.17 6.05	48.73 0.38 0.00	45.46 1.24 0.00
ARTHUR_KILL_3 23513	46.12 1.04 0.01	42.84 1.05 0.01	38.62 0.87 0.01	36.63 0.86 0.01	36.98 0.80 0.01	38.62 0.72 0.01	43.29 1.10 0.01	45.28 1.40 0.01	45.62 1.76 0.01	45.26 1.86 -0.19	45.01 1.63 -0.45	47.58 1.76 -0.70	49.49 1.44 0.03	51.23 1.31 2.60	52.11 1.19 5.45	52.11 1.26 6.52	56.85 1.53 14.28	64.13 2.15 14.98	64.29 1.28 12.39	52.36 0.79 20.37	52.36 0.46 12.97	51.36 0.17 6.06	48.92 0.58 0.01	44.83 0.62 0.01

ARTHUR_KILL_COGEN 323718	47.07 1.98 0.00	43.52 1.71 0.00	39.11 1.36 0.00	37.22 1.43 0.00	37.46 1.27 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.69 1.80 0.00	46.02 2.15 0.00	45.82 2.42 -0.19	45.57 2.19 -0.45	47.77 1.94 -0.70	49.11 1.06 0.02	50.87 0.95 2.59	51.89 0.96 5.44	51.94 1.09 6.51	56.93 1.60 14.27	64.22 2.23 14.97	64.38 1.36 12.39	52.37 0.79 20.36	52.43 0.52 12.96	51.25 0.06 6.05	48.93 0.58 0.00	45.64 1.41 0.00
ASHOKAN____ 23654	46.62 1.98 0.45	42.60 0.79 0.00	38.47 0.72 0.00	36.57 0.79 0.00	36.92 0.72 0.00	38.44 0.53 0.00	42.75 0.55 0.00	45.73 2.02 0.18	45.65 1.98 0.20	44.98 1.77 0.00	44.47 1.54 0.00	46.74 1.62 0.00	49.21 1.68 0.55	52.83 1.99 1.68	55.98 2.26 2.65	56.89 2.47 2.94	66.92 3.34 6.02	73.23 4.31 8.03	72.01 4.22 7.61	75.59 3.67 0.02	66.74 1.88 0.02	59.92 2.69 0.02	49.73 2.08 0.69	44.62 0.40 0.00
ASTORIA_EAST_ENERGY_CC1 323581	46.72 1.62 -0.01	43.40 1.59 -0.01	39.12 1.36 -0.01	37.12 1.32 -0.01	37.47 1.27 -0.01	39.04 1.14 0.00	43.81 1.60 0.00	45.46 1.58 0.00	45.66 1.80 0.01	45.38 1.99 -0.18	45.13 1.76 -0.45	47.58 1.76 -0.70	50.14 1.20 -0.86	54.42 1.15 -0.75	58.33 1.30 -0.67	59.27 1.49 -0.42	72.19 1.88 -0.71	79.50 2.54 -0.01	77.13 1.74 0.01	73.08 1.15 0.01	65.70 0.84 0.01	57.70 0.46 0.01	49.32 0.97 -0.01	45.47 1.24 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	46.72 1.62 -0.01	43.40 1.59 -0.01	39.12 1.36 -0.01	37.12 1.32 -0.01	37.47 1.27 -0.01	39.04 1.14 0.00	43.81 1.60 0.00	45.46 1.58 0.00	45.66 1.80 0.01	45.38 1.99 -0.18	45.13 1.76 -0.45	47.58 1.76 -0.70	50.14 1.20 -0.86	54.42 1.15 -0.75	58.28 1.24 -0.67	59.27 1.49 -0.42	72.19 1.88 -0.71	79.50 2.54 -0.01	77.13 1.74 0.01	73.08 1.15 0.01	65.70 0.84 0.01	57.70 0.46 0.01	49.32 0.97 -0.01	45.47 1.24 -0.01
ASTORIA_GT2_1 24094	46.95 1.85 -0.01	43.44 1.63 -0.01	39.16 1.40 -0.01	37.15 1.36 -0.01	37.47 1.27 -0.01	39.12 1.21 0.00	43.85 1.65 0.00	45.51 1.62 0.00	45.71 1.84 0.00	45.52 2.12 -0.19	45.18 1.80 -0.45	47.63 1.80 -0.70	50.15 1.20 -0.87	54.48 1.21 -0.76	58.34 1.30 -0.67	59.23 1.43 -0.43	72.27 1.95 -0.72	79.44 2.46 -0.02	77.21 1.81 0.00	73.15 1.22 0.01	65.71 0.84 0.01	57.82 0.57 0.00	49.61 1.26 -0.01	45.60 1.37 -0.01
ASTORIA_GT2_2 24095	46.95 1.85 -0.01	43.44 1.63 -0.01	39.16 1.40 -0.01	37.15 1.36 -0.01	37.47 1.27 -0.01	39.12 1.21 0.00	43.85 1.65 0.00	45.51 1.62 0.00	45.71 1.84 0.00	45.52 2.12 -0.19	45.18 1.80 -0.45	47.63 1.80 -0.70	50.15 1.20 -0.87	54.48 1.21 -0.76	58.34 1.30 -0.67	59.23 1.43 -0.43	72.27 1.95 -0.72	79.44 2.46 -0.02	77.21 1.81 0.00	73.15 1.22 0.01	65.71 0.84 0.01	57.82 0.57 0.00	49.61 1.26 -0.01	45.60 1.37 -0.01
ASTORIA_GT2_3 24096	46.95 1.85 -0.01	43.44 1.63 -0.01	39.16 1.40 -0.01	37.15 1.36 -0.01	37.47 1.27 -0.01	39.12 1.21 0.00	43.85 1.65 0.00	45.51 1.62 0.00	45.71 1.84 0.00	45.52 2.12 -0.19	45.18 1.80 -0.45	47.63 1.80 -0.70	50.15 1.20 -0.87	54.48 1.21 -0.76	58.34 1.30 -0.67	59.23 1.43 -0.43	72.27 1.95 -0.72	79.44 2.46 -0.02	77.21 1.81 0.00	73.15 1.22 0.01	65.71 0.84 0.01	57.82 0.57 0.00	49.61 1.26 -0.01	45.60 1.37 -0.01
ASTORIA_GT2_4 24097	46.95 1.85 -0.01	43.44 1.63 -0.01	39.16 1.40 -0.01	37.15 1.36 -0.01	37.47 1.27 -0.01	39.12 1.21 0.00	43.85 1.65 0.00	45.51 1.62 0.00	45.71 1.84 0.00	45.52 2.12 -0.19	45.18 1.80 -0.45	47.63 1.80 -0.70	50.15 1.20 -0.87	54.48 1.21 -0.76	58.34 1.30 -0.67	59.23 1.43 -0.43	72.27 1.95 -0.72	79.44 2.46 -0.02	77.21 1.81 0.00	73.15 1.22 0.01	65.71 0.84 0.01	57.82 0.57 0.00	49.61 1.26 -0.01	45.60 1.37 -0.01
ASTORIA_GT3_1 24098	46.95 1.85 -0.01	43.44 1.63 -0.01	39.16 1.40 -0.01	37.15 1.36 -0.01	37.47 1.27 -0.01	39.12 1.21 0.00	43.85 1.65 0.00	45.51 1.62 0.00	45.71 1.84 0.00	45.52 2.12 -0.19	45.18 1.80 -0.45	47.63 1.80 -0.70	50.15 1.20 -0.87	54.48 1.21 -0.76	58.34 1.30 -0.67	59.23 1.43 -0.43	72.27 1.95 -0.72	79.44 2.46 -0.02	77.21 1.81 0.00	73.15 1.22 0.01	65.71 0.84 0.01	57.82 0.57 0.00	49.61 1.26 -0.01	45.60 1.37 -0.01
ASTORIA_GT3_2 24099	46.95 1.85 -0.01	43.44 1.63 -0.01	39.16 1.40 -0.01	37.15 1.36 -0.01	37.47 1.27 -0.01	39.12 1.21 0.00	43.85 1.65 0.00	45.51 1.62 0.00	45.71 1.84 0.00	45.52 2.12 -0.19	45.18 1.80 -0.45	47.63 1.80 -0.70	50.15 1.20 -0.87	54.48 1.21 -0.76	58.34 1.30 -0.67	59.23 1.43 -0.43	72.27 1.95 -0.72	79.44 2.46 -0.02	77.21 1.81 0.00	73.15 1.22 0.01	65.71 0.84 0.01	57.82 0.57 0.00	49.61 1.26 -0.01	45.60 1.37 -0.01
ASTORIA_GT3_3 24100	46.95 1.85 -0.01	43.44 1.63 -0.01	39.16 1.40 -0.01	37.15 1.36 -0.01	37.47 1.27 -0.01	39.12 1.21 0.00	43.85 1.65 0.00	45.51 1.62 0.00	45.71 1.84 0.00	45.52 2.12 -0.19	45.18 1.80 -0.45	47.63 1.80 -0.70	50.15 1.20 -0.87	54.48 1.21 -0.76	58.34 1.30 -0.67	59.23 1.43 -0.43	72.27 1.95 -0.72	79.44 2.46 -0.02	77.21 1.81 0.00	73.15 1.22 0.01	65.71 0.84 0.01	57.82 0.57 0.00	49.61 1.26 -0.01	45.60 1.37 -0.01
ASTORIA_GT3_4 24101	46.95 1.85 -0.01	43.44 1.63 -0.01	39.16 1.40 -0.01	37.15 1.36 -0.01	37.47 1.27 -0.01	39.12 1.21 0.00	43.85 1.65 0.00	45.51 1.62 0.00	45.71 1.84 0.00	45.52 2.12 -0.19	45.18 1.80 -0.45	47.63 1.80 -0.70	50.15 1.20 -0.87	54.48 1.21 -0.76	58.34 1.30 -0.67	59.23 1.43 -0.43	72.27 1.95 -0.72	79.44 2.46 -0.02	77.21 1.81 0.00	73.15 1.22 0.01	65.71 0.84 0.01	57.82 0.57 0.00	49.61 1.26 -0.01	45.60 1.37 -0.01
ASTORIA_GT4_1 24102	46.95 1.85 -0.01	43.44 1.63 -0.01	39.16 1.40 -0.01	37.15 1.36 -0.01	37.47 1.27 -0.01	39.12 1.21 0.00	43.85 1.65 0.00	45.51 1.62 0.00	45.71 1.84 0.00	45.52 2.12 -0.19	45.18 1.80 -0.45	47.63 1.80 -0.70	50.15 1.20 -0.87	54.48 1.21 -0.76	58.34 1.30 -0.67	59.23 1.43 -0.43	72.27 1.95 -0.72	79.44 2.46 -0.02	77.21 1.81 0.00	73.15 1.22 0.01	65.71 0.84 0.01	57.82 0.57 0.00	49.61 1.26 -0.01	45.60 1.37 -0.01
ASTORIA_GT4_2 24103	46.95 1.85 -0.01	43.44 1.63 -0.01	39.16 1.40 -0.01	37.15 1.36 -0.01	37.47 1.27 -0.01	39.12 1.21 0.00	43.85 1.65 0.00	45.51 1.62 0.00	45.71 1.84 0.00	45.52 2.12 -0.19	45.18 1.80 -0.45	47.63 1.80 -0.70	50.15 1.20 -0.87	54.48 1.21 -0.76	58.34 1.30 -0.67	59.23 1.43 -0.43	72.27 1.95 -0.72	79.44 2.46 -0.02	77.21 1.81 0.00	73.15 1.22 0.01	65.71 0.84 0.01	57.82 0.57 0.00	49.61 1.26 -0.01	45.60 1.37 -0.01
ASTORIA_GT4_3 24104	46.95 1.85 -0.01	43.44 1.63 -0.01	39.16 1.40 -0.01	37.15 1.36 -0.01	37.47 1.27 -0.01	39.12 1.21 0.00	43.85 1.65 0.00	45.51 1.62 0.00	45.71 1.84 0.00	45.52 2.12 -0.19	45.18 1.80 -0.45	47.63 1.80 -0.70	50.15 1.20 -0.87	54.48 1.21 -0.76	58.34 1.30 -0.67	59.23 1.43 -0.43	72.27 1.95 -0.72	79.44 2.46 -0.02	77.21 1.81 0.00	73.15 1.22 0.01	65.71 0.84 0.01	57.82 0.57 0.00	49.61 1.26 -0.01	45.60 1.37 -0.01

ASTORIA_GT4_4 24105	46.95 1.85 -0.01	43.44 1.63 -0.01	39.16 1.40 -0.01	37.15 1.36 -0.01	37.47 1.27 -0.01	39.12 1.21 0.00	43.85 1.65 0.00	45.51 1.62 0.00	45.71 1.84 0.00	45.52 2.12 -0.19	45.18 1.80 -0.45	47.63 1.80 -0.70	50.15 1.20 -0.87	54.48 1.21 -0.76	58.34 1.30 -0.67	59.23 1.43 -0.43	72.27 1.95 -0.72	79.44 2.46 -0.02	77.21 1.81 0.00	73.15 1.22 0.01	65.71 0.84 0.01	57.82 0.57 0.00	49.61 1.26 -0.01	45.60 1.37 -0.01
ASTORIA_GT_1 23523	47.04 1.94 -0.01	43.53 1.71 -0.01	39.24 1.47 -0.01	37.22 1.43 -0.01	37.54 1.34 -0.01	39.20 1.29 0.00	43.94 1.73 0.00	45.60 1.71 0.00	45.84 1.97 0.00	45.61 2.20 -0.19	45.27 1.89 -0.45	47.77 1.94 -0.70	50.29 1.35 -0.87	54.64 1.37 -0.76	58.51 1.47 -0.67	59.40 1.61 -0.43	72.48 2.16 -0.72	79.67 2.69 -0.02	77.44 2.04 0.00	73.37 1.44 0.01	65.90 1.04 0.01	57.93 0.69 0.00	49.71 1.35 -0.01	45.69 1.46 -0.01
ASTORIA_GT_10 24110	46.76 1.67 0.00	43.31 1.51 0.00	39.00 1.25 0.00	37.00 1.22 0.00	37.35 1.16 0.00	38.97 1.06 0.00	43.68 1.48 0.00	45.55 1.67 0.00	45.84 1.97 0.00	45.65 2.25 -0.19	45.35 1.97 -0.45	47.81 1.99 -0.70	50.34 1.39 -0.87	54.48 1.21 -0.76	58.29 1.24 -0.67	58.94 1.15 -0.43	71.85 1.53 -0.72	78.98 2.00 -0.02	76.68 1.28 0.00	62.96 0.79 9.76	63.05 0.52 2.34	57.53 0.29 0.00	49.36 1.02 0.00	45.37 1.15 0.00
ASTORIA_GT_11 24225	46.76 1.67 0.00	43.31 1.51 0.00	39.00 1.25 0.00	37.00 1.22 0.00	37.35 1.16 0.00	38.97 1.06 0.00	43.68 1.48 0.00	45.55 1.67 0.00	45.84 1.97 0.00	45.65 2.25 -0.19	45.35 1.97 -0.45	47.81 1.99 -0.70	50.34 1.39 -0.87	54.48 1.21 -0.76	58.29 1.24 -0.67	58.94 1.15 -0.43	71.85 1.53 -0.72	78.98 2.00 -0.02	76.68 1.28 0.00	62.96 0.79 9.76	63.05 0.52 2.34	57.53 0.29 0.00	49.36 1.02 0.00	45.37 1.15 0.00
ASTORIA_GT_12 24226	46.76 1.67 0.00	43.31 1.51 0.00	39.00 1.25 0.00	37.00 1.22 0.00	37.35 1.16 0.00	38.97 1.06 0.00	43.68 1.48 0.00	45.55 1.67 0.00	45.84 1.97 0.00	45.65 2.25 -0.19	45.35 1.97 -0.45	47.81 1.99 -0.70	50.34 1.39 -0.87	54.48 1.21 -0.76	58.29 1.24 -0.67	58.94 1.15 -0.43	71.85 1.53 -0.72	78.98 2.00 -0.02	76.68 1.28 0.00	62.96 0.79 9.76	63.05 0.52 2.34	57.53 0.29 0.00	49.36 1.02 0.00	45.37 1.15 0.00
ASTORIA_GT_13 24227	46.76 1.67 0.00	43.31 1.51 0.00	39.00 1.25 0.00	37.00 1.22 0.00	37.35 1.16 0.00	38.97 1.06 0.00	43.68 1.48 0.00	45.55 1.67 0.00	45.84 1.97 0.00	45.65 2.25 -0.19	45.35 1.97 -0.45	47.81 1.99 -0.70	50.34 1.39 -0.87	54.48 1.21 -0.76	58.29 1.24 -0.67	58.94 1.15 -0.43	71.85 1.53 -0.72	78.98 2.00 -0.02	76.68 1.28 0.00	62.96 0.79 9.76	63.05 0.52 2.34	57.53 0.29 0.00	49.36 1.02 0.00	45.37 1.15 0.00
ASTORIA_GT_5 24106	47.04 1.94 -0.01	43.53 1.71 -0.01	39.24 1.47 -0.01	37.22 1.43 -0.01	37.54 1.34 -0.01	39.20 1.29 0.00	43.94 1.73 0.00	45.60 1.71 0.00	45.84 1.97 0.00	45.61 2.20 -0.19	45.27 1.89 -0.45	47.77 1.94 -0.70	50.29 1.35 -0.87	54.64 1.37 -0.76	58.51 1.47 -0.67	59.40 1.61 -0.43	72.48 2.16 -0.72	79.67 2.69 -0.02	77.44 2.04 0.00	73.37 1.44 0.01	65.90 1.04 0.01	57.93 0.69 0.00	49.71 1.35 -0.01	45.69 1.46 -0.01
ASTORIA_GT_7 24107	47.04 1.94 -0.01	43.53 1.71 -0.01	39.24 1.47 -0.01	37.22 1.43 -0.01	37.54 1.34 -0.01	39.20 1.29 0.00	43.94 1.73 0.00	45.60 1.71 0.00	45.84 1.97 0.00	45.61 2.20 -0.19	45.27 1.89 -0.45	47.77 1.94 -0.70	50.29 1.35 -0.87	54.64 1.37 -0.76	58.51 1.47 -0.67	59.40 1.61 -0.43	72.48 2.16 -0.72	79.67 2.69 -0.02	77.44 2.04 0.00	73.37 1.44 0.01	65.90 1.04 0.01	57.93 0.69 0.00	49.71 1.35 -0.01	45.69 1.46 -0.01
ASTORIA_GT_8 24108	47.04 1.94 -0.01	43.53 1.71 -0.01	39.24 1.47 -0.01	37.22 1.43 -0.01	37.54 1.34 -0.01	39.20 1.29 0.00	43.94 1.73 0.00	45.60 1.71 0.00	45.84 1.97 0.00	45.61 2.20 -0.19	45.27 1.89 -0.45	47.77 1.94 -0.70	50.29 1.35 -0.87	54.64 1.37 -0.76	58.51 1.47 -0.67	59.40 1.61 -0.43	72.48 2.16 -0.72	79.67 2.69 -0.02	77.44 2.04 0.00	73.37 1.44 0.01	65.90 1.04 0.01	57.93 0.69 0.00	49.71 1.35 -0.01	45.69 1.46 -0.01
ASTORIA___2 24149	46.77 1.67 -0.01	43.44 1.63 -0.01	39.16 1.40 -0.01	37.15 1.36 -0.01	37.47 1.27 -0.01	39.08 1.18 0.00	43.81 1.60 0.00	45.51 1.62 0.00	45.66 1.80 0.01	45.43 2.03 -0.18	45.13 1.76 -0.45	47.63 1.81 -0.70	50.19 1.25 -0.86	54.47 1.21 -0.75	58.33 1.30 -0.67	59.27 1.49 -0.42	72.26 1.95 -0.71	79.59 2.62 -0.01	77.20 1.81 0.01	73.15 1.22 0.01	65.70 0.84 0.01	57.75 0.51 0.01	49.32 0.97 -0.01	45.51 1.28 -0.01
ASTORIA___3 23516	46.63 1.53 0.00	43.27 1.46 0.00	39.00 1.24 0.00	37.00 1.22 0.00	37.35 1.16 0.00	38.93 1.02 0.00	43.68 1.48 0.00	45.55 1.67 0.00	45.85 1.98 0.00	45.56 2.16 -0.19	45.31 1.93 -0.45	47.77 1.94 -0.70	50.34 1.40 -0.87	54.47 1.21 -0.75	58.22 1.19 -0.67	58.99 1.21 -0.42	71.84 1.53 -0.71	79.12 2.15 -0.01	76.68 1.28 0.01	62.97 0.79 9.76	63.05 0.52 2.34	57.47 0.23 0.01	49.07 0.73 0.00	45.28 1.06 0.00
ASTORIA___4 23517	46.76 1.67 0.00	43.31 1.51 0.00	39.00 1.25 0.00	37.00 1.22 0.00	37.35 1.16 0.00	38.97 1.06 0.00	43.68 1.48 0.00	45.55 1.67 0.00	45.84 1.97 0.00	45.65 2.25 -0.19	45.35 1.97 -0.45	47.81 1.99 -0.70	50.34 1.39 -0.87	54.48 1.21 -0.76	58.29 1.24 -0.67	58.94 1.15 -0.43	71.85 1.53 -0.72	78.98 2.00 -0.02	76.68 1.28 0.00	62.96 0.79 9.76	63.05 0.52 2.34	57.53 0.29 0.00	49.36 1.02 0.00	45.37 1.15 0.00
ASTORIA___5 23518	46.63 1.53 0.00	43.27 1.46 0.00	39.00 1.24 0.00	37.00 1.22 0.00	37.35 1.16 0.00	38.93 1.02 0.00	43.68 1.48 0.00	45.55 1.67 0.00	45.85 1.98 0.00	45.56 2.16 -0.19	45.31 1.93 -0.45	47.77 1.94 -0.70	50.34 1.40 -0.87	54.47 1.21 -0.75	58.22 1.19 -0.67	58.99 1.21 -0.42	71.84 1.53 -0.71	79.12 2.15 -0.01	76.68 1.28 0.01	62.97 0.79 9.76	63.05 0.52 2.34	57.47 0.23 0.01	49.07 0.73 0.00	45.28 1.06 0.00
AST_ENERGY_2_CC3 323677	38.83 1.26 7.52	35.24 1.25 7.82	35.24 1.06 3.57	35.24 1.00 1.54	35.24 0.98 1.93	35.24 0.91 3.58	35.24 1.31 8.27	35.24 1.58 10.22	35.24 1.89 10.52	35.24 2.03 10.00	35.24 1.80 9.49	35.24 1.94 11.82	35.24 1.64 14.47	35.24 1.52 18.80	37.60 1.46 20.24	40.05 1.55 18.86	48.86 1.95 22.69	56.14 2.54 23.35	56.30 1.66 20.76	44.11 1.15 28.97	44.09 0.78 21.56	38.47 0.46 19.23	35.24 0.82 13.92	35.24 0.80 9.78
AST_ENERGY_2_CC4 323678	38.83 1.26 7.52	35.24 1.25 7.82	35.24 1.06 3.57	35.24 1.00 1.54	35.24 0.98 1.93	35.24 0.91 3.58	35.24 1.31 8.27	35.24 1.58 10.22	35.24 1.89 10.52	35.24 2.03 10.00	35.24 1.80 9.49	35.24 1.94 11.82	35.24 1.64 14.47	35.24 1.52 18.80	37.60 1.46 20.24	40.05 1.55 18.86	48.86 1.95 22.69	56.14 2.54 23.35	56.30 1.66 20.76	44.11 1.15 28.97	44.09 0.78 21.56	38.47 0.46 19.23	35.24 0.82 13.92	35.24 0.80 9.78

ATHENS_STG_1 23668	45.32 0.23 0.00	42.10 0.29 0.00	38.17 0.42 0.00	36.28 0.50 0.00	36.66 0.47 0.00	38.29 0.38 0.00	42.50 0.30 0.00	44.28 0.39 0.00	44.35 0.48 0.00	43.76 0.48 -0.08	43.49 0.39 -0.18	45.80 0.41 -0.27	48.66 0.24 -0.34	52.97 0.16 -0.30	56.69 0.06 -0.26	57.59 0.06 -0.17	69.95 0.07 -0.28	77.20 0.23 -0.01	75.33 -0.08 0.00	71.72 -0.22 0.00	64.68 -0.19 0.00	57.02 -0.23 0.00	48.20 -0.14 0.00	44.18 -0.04 0.00
ATHENS_STG_2 23670	45.32 0.23 0.00	42.10 0.29 0.00	38.17 0.42 0.00	36.28 0.50 0.00	36.66 0.47 0.00	38.29 0.38 0.00	42.50 0.30 0.00	44.28 0.39 0.00	44.35 0.48 0.00	43.76 0.48 -0.08	43.49 0.39 -0.18	45.80 0.41 -0.27	48.66 0.24 -0.34	52.97 0.16 -0.30	56.69 0.06 -0.26	57.59 0.06 -0.17	69.95 0.07 -0.28	77.20 0.23 -0.01	75.33 -0.08 0.00	71.72 -0.22 0.00	64.68 -0.19 0.00	57.02 -0.23 0.00	48.20 -0.14 0.00	44.18 -0.04 0.00
ATHENS_STG_3 23677	45.32 0.23 0.00	42.10 0.29 0.00	38.17 0.42 0.00	36.28 0.50 0.00	36.66 0.47 0.00	38.29 0.38 0.00	42.50 0.30 0.00	44.28 0.39 0.00	44.35 0.48 0.00	43.76 0.48 -0.08	43.49 0.39 -0.18	45.80 0.41 -0.27	48.66 0.24 -0.34	52.97 0.16 -0.30	56.69 0.06 -0.26	57.59 0.06 -0.17	69.95 0.07 -0.28	77.20 0.23 -0.01	75.33 -0.08 0.00	71.72 -0.22 0.00	64.68 -0.19 0.00	57.02 -0.23 0.00	48.20 -0.14 0.00	44.18 -0.04 0.00
AUBURN___LFGE 323710	45.72 0.63 0.00	42.31 0.50 0.00	37.98 0.23 0.00	35.89 0.11 0.00	36.30 0.11 0.00	38.17 0.27 0.00	42.67 0.46 0.00	44.41 0.53 0.00	44.22 0.35 0.00	43.56 0.35 0.00	43.53 0.60 0.00	45.80 0.68 0.00	49.04 0.96 0.00	53.77 1.26 0.00	57.78 1.41 0.00	58.86 1.49 0.00	71.48 1.88 0.00	79.19 2.23 0.00	77.67 2.26 0.00	74.17 2.23 0.00	66.82 1.95 0.00	58.79 1.55 0.00	49.46 1.11 0.00	45.11 0.88 0.00
BABYLON_RES_REC 323704	44.91 -0.18 0.00	43.10 1.30 0.00	38.93 1.17 0.00	36.89 1.11 0.00	37.17 0.98 0.00	38.89 0.98 0.00	43.43 1.22 0.00	44.72 0.83 0.00	44.97 1.10 0.00	44.87 1.47 -0.19	44.14 0.99 -0.22	46.31 0.68 -0.51	45.63 0.34 2.79	46.85 0.16 5.82	48.58 0.06 7.85	57.67 -0.11 -0.41	70.24 -0.07 -0.70	62.70 0.31 14.56	55.94 -0.45 19.01	48.03 -0.50 23.40	46.49 -0.78 17.60	45.10 -0.86 11.29	43.62 -0.58 4.14	42.82 -0.13 1.27
BALL_HILL_WT_PWR 323825	47.84 2.75 0.00	44.23 2.42 0.00	39.27 1.51 0.00	36.75 0.97 0.00	37.10 0.91 0.00	39.50 1.59 0.00	43.56 1.35 0.00	44.76 0.88 0.00	44.26 0.39 0.00	44.21 0.99 0.00	44.73 1.80 0.00	47.47 2.34 0.00	51.11 3.03 0.00	56.19 3.67 0.00	60.15 3.78 0.00	61.09 3.73 0.00	74.68 5.08 0.00	82.57 5.61 0.00	81.06 5.66 0.00	77.21 5.25 -0.02	69.41 4.54 0.00	61.14 3.89 0.00	51.87 3.53 0.00	47.98 3.72 -0.04
BARON_WINDS___WT_PWR 323822	46.80 1.71 0.00	43.27 1.46 0.00	38.59 0.83 0.00	36.21 0.43 0.00	36.59 0.40 0.00	38.82 0.91 0.00	43.09 0.89 0.00	44.37 0.48 0.00	43.83 -0.04 0.00	43.39 0.17 0.00	43.61 0.68 0.00	46.16 1.04 0.00	49.57 1.49 0.00	54.51 1.99 0.00	58.46 2.09 0.00	59.43 2.06 0.00	72.39 2.79 0.00	80.34 3.38 0.00	78.95 3.54 0.00	75.54 3.60 -0.01	68.05 3.18 0.00	59.94 2.69 0.00	50.62 2.27 0.00	46.85 2.61 -0.02
BARRETT_IC_1 23704	45.05 -0.05 0.00	42.93 1.13 0.00	38.78 1.02 0.00	36.78 1.00 0.00	37.10 0.91 0.00	38.78 0.87 0.00	43.30 1.10 0.00	44.68 0.79 0.00	44.88 1.01 0.00	44.79 1.38 -0.19	44.31 0.94 -0.44	46.80 0.99 -0.69	49.45 0.67 -0.70	53.49 0.53 -0.46	57.11 0.45 -0.29	58.36 0.57 -0.42	71.01 0.70 -0.71	77.47 1.16 0.64	74.93 0.38 0.86	70.92 -0.07 0.94	63.69 -0.39 0.79	56.11 -0.63 0.51	48.01 -0.14 0.19	44.03 -0.13 0.06
BARRETT_IC_10 23701	45.05 -0.05 0.00	42.93 1.13 0.00	38.78 1.02 0.00	36.78 1.00 0.00	37.10 0.91 0.00	38.78 0.87 0.00	43.30 1.10 0.00	44.68 0.79 0.00	44.88 1.01 0.00	44.79 1.38 -0.19	44.31 0.94 -0.44	46.80 0.99 -0.69	49.45 0.67 -0.70	53.49 0.53 -0.46	57.11 0.45 -0.29	58.36 0.57 -0.42	71.01 0.70 -0.71	77.47 1.16 0.64	74.93 0.38 0.86	70.92 -0.07 0.94	63.69 -0.39 0.79	56.11 -0.63 0.51	48.01 -0.14 0.19	44.03 -0.13 0.06
BARRETT_IC_11 23702	45.05 -0.05 0.00	42.93 1.13 0.00	38.78 1.02 0.00	36.78 1.00 0.00	37.10 0.91 0.00	38.78 0.87 0.00	43.30 1.10 0.00	44.68 0.79 0.00	44.88 1.01 0.00	44.79 1.38 -0.19	44.31 0.94 -0.44	46.80 0.99 -0.69	49.45 0.67 -0.70	53.49 0.53 -0.46	57.11 0.45 -0.29	58.36 0.57 -0.42	71.01 0.70 -0.71	77.47 1.16 0.64	74.93 0.38 0.86	70.92 -0.07 0.94	63.69 -0.39 0.79	56.11 -0.63 0.51	48.01 -0.14 0.19	44.03 -0.13 0.06
BARRETT_IC_12 23703	45.05 -0.05 0.00	42.93 1.13 0.00	38.78 1.02 0.00	36.78 1.00 0.00	37.10 0.91 0.00	38.78 0.87 0.00	43.30 1.10 0.00	44.68 0.79 0.00	44.88 1.01 0.00	44.79 1.38 -0.19	44.31 0.94 -0.44	46.80 0.99 -0.69	49.45 0.67 -0.70	53.49 0.53 -0.46	57.11 0.45 -0.29	58.36 0.57 -0.42	71.01 0.70 -0.71	77.47 1.16 0.64	74.93 0.38 0.86	70.92 -0.07 0.94	63.69 -0.39 0.79	56.11 -0.63 0.51	48.01 -0.14 0.19	44.03 -0.13 0.06
BARRETT_IC_2 23705	45.05 -0.05 0.00	42.93 1.13 0.00	38.78 1.02 0.00	36.78 1.00 0.00	37.10 0.91 0.00	38.78 0.87 0.00	43.30 1.10 0.00	44.68 0.79 0.00	44.88 1.01 0.00	44.79 1.38 -0.19	44.31 0.94 -0.44	46.80 0.99 -0.69	49.45 0.67 -0.70	53.49 0.53 -0.46	57.11 0.45 -0.29	58.36 0.57 -0.42	71.01 0.70 -0.71	77.47 1.16 0.64	74.93 0.38 0.86	70.92 -0.07 0.94	63.69 -0.39 0.79	56.11 -0.63 0.51	48.01 -0.14 0.19	44.03 -0.13 0.06
BARRETT_IC_3 23706	45.05 -0.05 0.00	42.93 1.13 0.00	38.78 1.02 0.00	36.78 1.00 0.00	37.10 0.91 0.00	38.78 0.87 0.00	43.30 1.10 0.00	44.68 0.79 0.00	44.88 1.01 0.00	44.79 1.38 -0.19	44.31 0.94 -0.44	46.80 0.99 -0.69	49.45 0.67 -0.70	53.49 0.53 -0.46	57.11 0.45 -0.29	58.36 0.57 -0.42	71.01 0.70 -0.71	77.47 1.16 0.64	74.93 0.38 0.86	70.92 -0.07 0.94	63.69 -0.39 0.79	56.11 -0.63 0.51	48.01 -0.14 0.19	44.03 -0.13 0.06
BARRETT_IC_4 23707	45.05 -0.05 0.00	42.93 1.13 0.00	38.78 1.02 0.00	36.78 1.00 0.00	37.10 0.91 0.00	38.78 0.87 0.00	43.30 1.10 0.00	44.68 0.79 0.00	44.88 1.01 0.00	44.79 1.38 -0.19	44.31 0.94 -0.44	46.80 0.99 -0.69	49.45 0.67 -0.70	53.49 0.53 -0.46	57.11 0.45 -0.29	58.36 0.57 -0.42	71.01 0.70 -0.71	77.47 1.16 0.64	74.93 0.38 0.86	70.92 -0.07 0.94	63.69 -0.39 0.79	56.11 -0.63 0.51	48.01 -0.14 0.19	44.03 -0.13 0.06
BARRETT_IC_5 23708	45.05 -0.05 0.00	42.93 1.13 0.00	38.78 1.02 0.00	36.78 1.00 0.00	37.10 0.91 0.00	38.78 0.87 0.00	43.30 1.10 0.00	44.68 0.79 0.00	44.88 1.01 0.00	44.79 1.38 -0.19	44.31 0.94 -0.44	46.80 0.99 -0.69	49.45 0.67 -0.70	53.49 0.53 -0.46	57.11 0.45 -0.29	58.36 0.57 -0.42	71.01 0.70 -0.71	77.47 1.16 0.64	74.93 0.38 0.86	70.92 -0.07 0.94	63.69 -0.39 0.79	56.11 -0.63 0.51	48.01 -0.14 0.19	44.03 -0.13 0.06

BARRETT_IC_6 23709	45.05 -0.05 0.00	42.93 1.13 0.00	38.78 1.02 0.00	36.78 1.00 0.00	37.10 0.91 0.00	38.78 0.87 0.00	43.30 1.10 0.00	44.68 0.79 0.00	44.88 1.01 0.00	44.79 1.38 -0.19	44.31 0.94 -0.44	46.80 0.99 -0.69	49.45 0.67 -0.70	53.49 0.53 -0.46	57.11 0.45 -0.29	58.36 0.57 -0.42	71.01 0.70 -0.71	77.47 1.16 0.64	74.93 0.38 0.86	70.92 -0.07 0.94	63.69 -0.39 0.79	56.11 -0.63 0.51	48.01 -0.14 0.19	44.03 -0.13 0.06
BARRETT_IC_7 23710	46.13 1.04 0.00	43.14 1.34 0.00	38.78 1.02 0.00	36.78 1.00 0.00	37.10 0.90 0.00	38.82 0.91 0.00	43.34 1.14 0.00	44.81 0.92 0.00	45.23 1.36 0.00	45.09 1.69 -0.19	44.35 0.99 -0.44	46.85 1.04 -0.69	49.45 0.67 -0.70	53.49 0.53 -0.46	57.22 0.56 -0.29	58.24 0.46 -0.42	71.01 0.70 -0.71	77.32 1.00 0.64	74.92 0.38 0.86	70.85 -0.14 0.94	63.75 -0.32 0.79	56.22 -0.52 0.51	48.10 -0.05 0.19	44.11 -0.04 0.06
BARRETT_IC_8 23711	45.05 -0.05 0.00	42.93 1.13 0.00	38.78 1.02 0.00	36.78 1.00 0.00	37.10 0.91 0.00	38.78 0.87 0.00	43.30 1.10 0.00	44.68 0.79 0.00	44.88 1.01 0.00	44.79 1.38 -0.19	44.31 0.94 -0.44	46.80 0.99 -0.69	49.45 0.67 -0.70	53.49 0.53 -0.46	57.11 0.45 -0.29	58.36 0.57 -0.42	71.01 0.70 -0.71	77.47 1.16 0.64	74.93 0.38 0.86	70.92 -0.07 0.94	63.69 -0.39 0.79	56.11 -0.63 0.51	48.01 -0.14 0.19	44.03 -0.13 0.06
BARRETT_IC_9 23700	45.05 -0.05 0.00	42.93 1.13 0.00	38.78 1.02 0.00	36.78 1.00 0.00	37.10 0.91 0.00	38.78 0.87 0.00	43.30 1.10 0.00	44.68 0.79 0.00	44.88 1.01 0.00	44.79 1.38 -0.19	44.31 0.94 -0.44	46.80 0.99 -0.69	49.45 0.67 -0.70	53.49 0.53 -0.46	57.11 0.45 -0.29	58.36 0.57 -0.42	71.01 0.70 -0.71	77.47 1.16 0.64	74.93 0.38 0.86	70.92 -0.07 0.94	63.69 -0.39 0.79	56.11 -0.63 0.51	48.01 -0.14 0.19	44.03 -0.13 0.06
BARRETT___1 23545	45.05 -0.05 0.00	42.93 1.13 0.00	38.78 1.02 0.00	36.78 1.00 0.00	37.10 0.91 0.00	38.78 0.87 0.00	43.30 1.10 0.00	44.68 0.79 0.00	44.88 1.01 0.00	44.79 1.38 -0.19	44.31 0.94 -0.44	46.80 0.99 -0.69	49.45 0.67 -0.70	53.49 0.53 -0.46	57.11 0.45 -0.29	58.36 0.57 -0.42	71.01 0.70 -0.71	77.47 1.16 0.64	74.93 0.38 0.86	70.92 -0.07 0.94	63.69 -0.39 0.79	56.11 -0.63 0.51	48.01 -0.14 0.19	44.03 -0.13 0.06
BARRETT___2 23546	45.05 -0.05 0.00	42.93 1.13 0.00	38.78 1.02 0.00	36.78 1.00 0.00	37.10 0.91 0.00	38.78 0.87 0.00	43.30 1.10 0.00	44.68 0.79 0.00	44.88 1.01 0.00	44.79 1.38 -0.19	44.31 0.94 -0.44	46.80 0.99 -0.69	49.45 0.67 -0.70	53.49 0.53 -0.46	57.11 0.45 -0.29	58.36 0.57 -0.42	71.01 0.70 -0.71	77.47 1.16 0.64	74.93 0.38 0.86	70.92 -0.07 0.94	63.69 -0.39 0.79	56.11 -0.63 0.51	48.01 -0.14 0.19	44.03 -0.13 0.06
BATAVIA__115KV_TB1 55881	48.43 3.34 0.00	44.86 3.05 0.00	39.79 2.04 0.00	37.39 1.61 0.00	37.82 1.63 0.00	40.07 2.16 0.00	44.48 2.28 0.00	45.95 2.06 0.00	45.27 1.40 0.00	44.68 1.47 0.00	45.37 2.45 0.00	47.88 2.75 0.00	51.59 3.51 0.00	56.66 4.15 0.00	60.77 4.40 0.00	62.07 4.70 0.00	75.94 6.33 0.00	84.04 7.08 0.00	82.64 7.24 0.00	79.08 6.98 -0.17	71.10 6.23 0.00	62.40 5.15 0.00	52.60 4.25 0.00	48.48 4.07 -0.20
BAYONEEC___CTG1 323682	46.40 1.31 0.00	43.06 1.25 0.00	38.85 1.10 0.00	36.82 1.04 0.00	37.17 0.98 0.00	38.86 0.95 0.00	43.56 1.35 0.00	45.51 1.62 0.00	45.85 1.98 0.00	45.52 2.12 -0.19	45.22 1.84 -0.45	47.81 1.98 -0.70	50.63 1.68 -0.87	54.84 1.57 -0.76	58.57 1.52 -0.67	59.34 1.55 -0.43	72.27 1.95 -0.72	79.60 2.62 -0.02	77.14 1.74 0.00	63.40 1.22 9.75	63.38 0.84 2.33	57.76 0.51 0.00	49.21 0.87 0.00	45.06 0.84 0.00
BAYONEEC___CTG10 323750	46.40 1.31 0.00	43.06 1.25 0.00	38.85 1.10 0.00	36.82 1.04 0.00	37.17 0.98 0.00	38.86 0.95 0.00	43.56 1.35 0.00	45.51 1.62 0.00	45.85 1.98 0.00	45.52 2.12 -0.19	45.22 1.84 -0.45	47.81 1.98 -0.70	50.63 1.68 -0.87	54.84 1.57 -0.76	58.57 1.52 -0.67	59.34 1.55 -0.43	72.27 1.95 -0.72	79.60 2.62 -0.02	77.14 1.74 0.00	63.40 1.22 9.75	63.38 0.84 2.33	57.76 0.51 0.00	49.21 0.87 0.00	45.06 0.84 0.00
BAYONEEC___CTG2 323683	46.40 1.31 0.00	43.06 1.25 0.00	38.85 1.10 0.00	36.82 1.04 0.00	37.17 0.98 0.00	38.86 0.95 0.00	43.56 1.35 0.00	45.51 1.62 0.00	45.85 1.98 0.00	45.52 2.12 -0.19	45.22 1.84 -0.45	47.81 1.98 -0.70	50.63 1.68 -0.87	54.84 1.57 -0.76	58.57 1.52 -0.67	59.34 1.55 -0.43	72.27 1.95 -0.72	79.60 2.62 -0.02	77.14 1.74 0.00	63.40 1.22 9.75	63.38 0.84 2.33	57.76 0.51 0.00	49.21 0.87 0.00	45.06 0.84 0.00
BAYONEEC___CTG3 323684	46.40 1.31 0.00	43.06 1.25 0.00	38.85 1.10 0.00	36.82 1.04 0.00	37.17 0.98 0.00	38.86 0.95 0.00	43.56 1.35 0.00	45.51 1.62 0.00	45.85 1.98 0.00	45.52 2.12 -0.19	45.22 1.84 -0.45	47.81 1.98 -0.70	50.63 1.68 -0.87	54.84 1.57 -0.76	58.57 1.52 -0.67	59.34 1.55 -0.43	72.27 1.95 -0.72	79.60 2.62 -0.02	77.14 1.74 0.00	63.40 1.22 9.75	63.38 0.84 2.33	57.76 0.51 0.00	49.21 0.87 0.00	45.06 0.84 0.00
BAYONEEC___CTG4 323685	46.40 1.31 0.00	43.06 1.25 0.00	38.85 1.10 0.00	36.82 1.04 0.00	37.17 0.98 0.00	38.86 0.95 0.00	43.56 1.35 0.00	45.51 1.62 0.00	45.85 1.98 0.00	45.52 2.12 -0.19	45.22 1.84 -0.45	47.81 1.98 -0.70	50.63 1.68 -0.87	54.84 1.57 -0.76	58.57 1.52 -0.67	59.34 1.55 -0.43	72.27 1.95 -0.72	79.60 2.62 -0.02	77.14 1.74 0.00	63.40 1.22 9.75	63.38 0.84 2.33	57.76 0.51 0.00	49.21 0.87 0.00	45.06 0.84 0.00
BAYONEEC___CTG5 323686	46.40 1.31 0.00	43.06 1.25 0.00	38.85 1.10 0.00	36.82 1.04 0.00	37.17 0.98 0.00	38.86 0.95 0.00	43.56 1.35 0.00	45.51 1.62 0.00	45.85 1.98 0.00	45.52 2.12 -0.19	45.22 1.84 -0.45	47.81 1.98 -0.70	50.63 1.68 -0.87	54.84 1.57 -0.76	58.57 1.52 -0.67	59.34 1.55 -0.43	72.27 1.95 -0.72	79.60 2.62 -0.02	77.14 1.74 0.00	63.40 1.22 9.75	63.38 0.84 2.33	57.76 0.51 0.00	49.21 0.87 0.00	45.06 0.84 0.00
BAYONEEC___CTG6 323687	46.40 1.31 0.00	43.06 1.25 0.00	38.85 1.10 0.00	36.82 1.04 0.00	37.17 0.98 0.00	38.86 0.95 0.00	43.56 1.35 0.00	45.51 1.62 0.00	45.85 1.98 0.00	45.52 2.12 -0.19	45.22 1.84 -0.45	47.81 1.98 -0.70	50.63 1.68 -0.87	54.84 1.57 -0.76	58.57 1.52 -0.67	59.34 1.55 -0.43	72.27 1.95 -0.72	79.60 2.62 -0.02	77.14 1.74 0.00	63.40 1.22 9.75	63.38 0.84 2.33	57.76 0.51 0.00	49.21 0.87 0.00	45.06 0.84 0.00
BAYONEEC___CTG7 323688	46.40 1.31 0.00	43.06 1.25 0.00	38.85 1.10 0.00	36.82 1.04 0.00	37.17 0.98 0.00	38.86 0.95 0.00	43.56 1.35 0.00	45.51 1.62 0.00	45.85 1.98 0.00	45.52 2.12 -0.19	45.22 1.84 -0.45	47.81 1.98 -0.70	50.63 1.68 -0.87	54.84 1.57 -0.76	58.57 1.52 -0.67	59.34 1.55 -0.43	72.27 1.95 -0.72	79.60 2.62 -0.02	77.14 1.74 0.00	63.40 1.22 9.75	63.38 0.84 2.33	57.76 0.51 0.00	49.21 0.87 0.00	45.06 0.84 0.00

BAYONEEC___CTG8 323689	46.40 1.31 0.00	43.06 1.25 0.00	38.85 1.10 0.00	36.82 1.04 0.00	37.17 0.98 0.00	38.86 0.95 0.00	43.56 1.35 0.00	45.51 1.62 0.00	45.85 1.98 0.00	45.52 2.12 -0.19	45.22 1.84 -0.45	47.81 1.98 -0.70	50.63 1.68 -0.87	54.84 1.57 -0.76	58.57 1.52 -0.67	59.34 1.55 -0.43	72.27 1.95 -0.72	79.60 2.62 -0.02	77.14 1.74 0.00	63.40 1.22 9.75	63.38 0.84 2.33	57.76 0.51 0.00	49.21 0.87 0.00	45.06 0.84 0.00
BAYONEEC___CTG9 323749	46.40 1.31 0.00	43.06 1.25 0.00	38.85 1.10 0.00	36.82 1.04 0.00	37.17 0.98 0.00	38.86 0.95 0.00	43.56 1.35 0.00	45.51 1.62 0.00	45.85 1.98 0.00	45.52 2.12 -0.19	45.22 1.84 -0.45	47.81 1.98 -0.70	50.63 1.68 -0.87	54.84 1.57 -0.76	58.57 1.52 -0.67	59.34 1.55 -0.43	72.27 1.95 -0.72	79.60 2.62 -0.02	77.14 1.74 0.00	63.40 1.22 9.75	63.38 0.84 2.33	57.76 0.51 0.00	49.21 0.87 0.00	45.06 0.84 0.00
BEACON___LESR 323632	45.09 0.00 0.00	41.85 0.04 0.00	37.83 0.08 0.00	35.93 0.14 0.00	36.34 0.15 0.00	37.98 0.08 0.00	42.29 0.08 0.00	44.02 0.13 0.00	44.09 0.22 0.00	43.14 0.09 0.15	42.60 0.04 0.36	44.60 0.05 0.57	47.28 -0.10 0.70	51.69 -0.21 0.61	55.44 -0.39 0.54	56.74 -0.29 0.34	68.68 -0.35 0.58	76.71 -0.23 0.02	75.18 -0.23 0.00	71.65 -0.29 0.00	64.68 -0.19 0.00	57.02 -0.23 0.00	48.06 -0.29 0.00	44.05 -0.18 0.00
BEAVER RIVER___HYD 24048	47.30 2.21 0.00	43.85 2.05 0.00	39.42 1.66 0.00	37.36 1.57 0.00	37.89 1.70 0.00	39.88 1.97 0.00	44.48 2.28 0.00	46.34 2.46 0.00	46.02 2.15 0.00	45.03 1.81 0.00	44.69 1.76 0.00	46.93 1.81 0.00	50.10 2.02 0.00	54.77 2.26 0.00	58.79 2.42 0.00	59.83 2.47 0.00	72.18 2.58 0.00	80.11 3.16 0.00	78.80 3.40 0.00	75.60 3.67 0.00	68.44 3.57 0.00	62.55 3.61 -1.69	55.21 2.90 -3.96	46.43 2.21 0.00
BEEBEE_GT_13 23619	46.53 1.44 0.00	43.10 1.30 0.00	38.47 0.72 0.00	36.25 0.47 0.00	36.66 0.47 0.00	38.70 0.80 0.00	43.05 0.84 0.00	44.68 0.79 0.00	44.35 0.48 0.00	43.77 0.56 0.00	44.13 1.20 0.00	46.43 1.31 0.00	49.90 1.83 0.00	54.77 2.26 0.00	58.80 2.42 0.00	60.06 2.70 0.00	73.15 3.55 0.00	80.88 3.92 0.00	79.17 3.77 0.00	75.52 3.60 0.01	68.05 3.18 0.00	59.82 2.58 0.00	50.37 2.03 0.00	46.07 1.86 0.01
BENSHRST_27_KV_BENSHRST_1 355998	47.26 2.16 0.00	43.69 1.88 0.00	39.30 1.55 0.00	37.29 1.50 0.00	37.60 1.41 0.00	39.16 1.25 0.00	43.94 1.73 0.00	45.86 1.97 0.00	46.24 2.37 0.00	46.08 2.68 -0.19	45.78 2.40 -0.45	48.17 2.35 -0.70	50.68 1.73 -0.87	54.95 1.68 -0.76	58.91 1.86 -0.67	59.57 1.78 -0.43	72.83 2.51 -0.72	80.06 3.08 -0.02	77.74 2.34 0.00	63.90 1.73 9.76	63.83 1.30 2.34	58.11 0.86 0.00	49.79 1.45 0.00	45.86 1.64 0.00
BETHLEHEM___GRP 23843	44.46 -0.63 0.00	41.22 -0.59 0.00	37.30 -0.45 0.00	35.46 -0.32 0.00	35.87 -0.33 0.00	37.45 -0.45 0.00	41.61 -0.59 0.00	43.32 -0.57 0.00	43.43 -0.44 0.00	42.55 -0.52 0.15	41.94 -0.64 0.34	43.96 -0.63 0.53	46.55 -0.87 0.66	50.89 -1.05 0.57	54.62 -1.24 0.51	55.73 -1.32 0.32	67.53 -1.53 0.54	75.25 -1.69 0.02	73.74 -1.66 0.00	70.28 -1.65 0.00	63.51 -1.36 0.00	55.99 -1.26 0.00	47.28 -1.06 0.00	43.43 -0.80 0.00
BETHLEHEM___GS1 323560	44.37 -0.72 0.00	41.22 -0.59 0.00	37.30 -0.45 0.00	35.46 -0.32 0.00	35.87 -0.33 0.00	37.41 -0.49 0.00	41.61 -0.59 0.00	43.31 -0.57 0.00	43.47 -0.40 0.00	42.50 -0.56 0.15	41.94 -0.64 0.34	43.91 -0.68 0.53	46.55 -0.86 0.66	50.89 -1.05 0.57	54.57 -1.29 0.51	55.78 -1.26 0.32	67.53 -1.53 0.54	75.40 -1.54 0.02	73.74 -1.66 0.00	70.28 -1.65 0.00	63.50 -1.37 0.00	55.99 -1.26 0.00	47.23 -1.11 0.00	43.29 -0.93 0.00
BETHLEHEM___GS2 323561	44.37 -0.72 0.00	41.22 -0.59 0.00	37.30 -0.45 0.00	35.46 -0.32 0.00	35.87 -0.33 0.00	37.41 -0.49 0.00	41.61 -0.59 0.00	43.31 -0.57 0.00	43.47 -0.40 0.00	42.50 -0.56 0.15	41.94 -0.64 0.34	43.91 -0.68 0.53	46.55 -0.86 0.66	50.89 -1.05 0.57	54.57 -1.29 0.51	55.78 -1.26 0.32	67.53 -1.53 0.54	75.40 -1.54 0.02	73.74 -1.66 0.00	70.28 -1.65 0.00	63.50 -1.37 0.00	55.99 -1.26 0.00	47.23 -1.11 0.00	43.29 -0.93 0.00
BETHLEHEM___GS3 323562	44.37 -0.72 0.00	41.22 -0.59 0.00	37.30 -0.45 0.00	35.46 -0.32 0.00	35.87 -0.33 0.00	37.41 -0.49 0.00	41.61 -0.59 0.00	43.31 -0.57 0.00	43.47 -0.40 0.00	42.50 -0.56 0.15	41.94 -0.64 0.34	43.91 -0.68 0.53	46.55 -0.86 0.66	50.89 -1.05 0.57	54.57 -1.29 0.51	55.78 -1.26 0.32	67.53 -1.53 0.54	75.40 -1.54 0.02	73.74 -1.66 0.00	70.28 -1.65 0.00	63.50 -1.37 0.00	55.99 -1.26 0.00	47.23 -1.11 0.00	43.29 -0.93 0.00
BETHLEHEM___STEEL 23779	47.93 2.84 0.00	44.44 2.63 0.00	39.49 1.74 0.00	36.96 1.18 0.00	37.31 1.12 0.00	39.54 1.63 0.00	43.77 1.56 0.00	44.94 1.05 0.00	44.44 0.57 0.00	44.08 0.86 0.00	44.86 1.93 0.00	47.65 2.53 0.00	51.39 3.32 0.00	56.45 3.94 0.00	60.32 3.95 0.00	61.33 3.96 0.00	75.03 5.43 0.00	82.73 5.77 0.00	81.36 5.96 0.00	77.43 5.47 -0.02	69.67 4.80 0.00	61.20 3.95 0.00	51.73 3.38 0.00	47.85 3.58 -0.04
BETHLHEM_115KV_TB1 79974	44.60 -0.50 0.00	41.35 -0.46 0.00	37.45 -0.30 0.00	35.57 -0.21 0.00	35.98 -0.22 0.00	37.57 -0.34 0.00	41.74 -0.46 0.00	43.45 -0.44 0.00	43.56 -0.31 0.00	42.69 -0.39 0.14	42.09 -0.52 0.32	44.12 -0.50 0.50	46.73 -0.72 0.62	51.08 -0.89 0.54	54.88 -1.01 0.48	55.92 -1.15 0.30	67.77 -1.32 0.51	75.48 -1.46 0.01	73.97 -1.43 0.00	70.50 -1.44 0.00	63.70 -1.17 0.00	56.16 -1.09 0.00	47.47 -0.87 0.00	43.51 -0.71 0.00
BETHPAGE_CC_5 323564	44.68 -0.41 0.00	42.85 1.05 0.00	38.74 0.98 0.00	36.71 0.93 0.00	37.03 0.83 0.00	38.70 0.80 0.00	43.18 0.97 0.00	44.55 0.66 0.00	44.79 0.92 0.00	44.70 1.30 -0.19	44.07 0.90 -0.24	46.64 0.99 -0.53	46.21 0.62 2.49	47.76 0.53 5.28	49.67 0.45 7.15	58.24 0.46 -0.41	70.93 0.63 -0.70	64.66 1.08 13.37	58.17 0.23 17.46	50.30 -0.14 21.49	48.25 -0.45 16.17	46.19 -0.68 10.37	44.20 -0.34 3.80	42.84 -0.22 1.16
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	48.11 3.02 0.00	44.56 2.76 0.00	39.64 1.89 0.00	37.07 1.29 0.00	37.46 1.27 0.00	39.69 1.78 0.00	43.94 1.73 0.00	45.16 1.27 0.00	44.66 0.79 0.00	44.29 1.08 0.00	45.12 2.19 0.00	47.92 2.80 0.00	51.68 3.61 0.00	56.77 4.25 0.00	60.66 4.28 0.00	61.73 4.36 0.00	75.52 5.92 0.00	83.19 6.23 0.00	81.81 6.41 0.00	77.93 5.97 -0.02	70.06 5.19 0.00	61.48 4.24 0.00	51.97 3.63 0.00	48.07 3.80 -0.04
BINGHAMTON___COGEN 23790	45.77 0.68 0.00	42.39 0.59 0.00	38.10 0.34 0.00	35.93 0.14 0.00	36.34 0.14 0.00	38.21 0.30 0.00	42.67 0.46 0.00	44.28 0.39 0.00	44.13 0.26 0.00	43.51 0.30 0.00	43.48 0.56 0.00	45.89 0.77 0.00	49.09 1.01 0.00	53.83 1.31 0.00	57.78 1.41 0.00	58.80 1.43 0.00	71.48 1.88 0.00	79.19 2.23 0.00	77.59 2.19 0.00	74.02 2.09 0.00	66.56 1.69 0.00	58.56 1.32 0.00	49.36 1.02 0.00	45.25 1.02 -0.01

BIXINCNT_115KV_LOAD 355685	46.76 1.67 0.00	43.31 1.51 0.00	38.59 0.83 0.00	36.14 0.36 0.00	36.48 0.29 0.00	38.78 0.87 0.00	43.05 0.84 0.00	44.32 0.44 0.00	43.87 0.00 0.00	43.47 0.26 0.00	44.17 1.24 0.00	46.88 1.76 0.00	50.67 2.60 0.00	55.82 3.31 0.00	59.64 3.27 0.00	60.64 3.27 0.00	74.13 4.52 0.00	81.73 4.77 0.00	80.30 4.90 0.00	76.42 4.46 -0.02	68.44 3.57 0.00	60.11 2.86 0.00	50.71 2.37 0.00	47.13 2.87 -0.04
BLACK RIVER___HYD 24047	47.89 2.80 0.00	44.40 2.59 0.00	39.83 2.08 0.00	37.75 1.97 0.00	38.33 2.13 0.00	40.37 2.46 0.00	45.08 2.87 0.00	46.87 2.99 0.00	46.46 2.59 0.00	45.41 2.20 0.00	45.11 2.19 0.00	47.33 2.21 0.00	50.48 2.40 0.00	55.19 2.68 0.00	59.25 2.87 0.00	60.35 2.98 0.00	72.94 3.34 0.00	81.11 4.15 0.00	79.93 4.52 0.00	76.90 4.96 0.00	69.67 4.80 0.00	63.00 4.58 -1.17	54.71 3.63 -2.73	46.96 2.74 0.00
BLACKRVR_115KV_TB2 79977	47.80 2.71 0.00	44.40 2.59 0.00	39.83 2.08 0.00	37.75 1.97 0.00	38.33 2.14 0.00	40.37 2.46 0.00	45.07 2.87 0.00	46.87 2.98 0.00	46.46 2.59 0.00	45.37 2.16 0.00	45.07 2.15 0.00	47.33 2.21 0.00	50.48 2.40 0.00	55.19 2.68 0.00	59.25 2.87 0.00	60.35 2.98 0.00	72.94 3.34 0.00	81.04 4.08 0.00	79.93 4.52 0.00	76.90 4.96 0.00	69.67 4.80 0.00	62.94 4.52 -1.17	54.66 3.58 -2.73	46.92 2.70 0.00
BLDWN_LI_69_KV_BK4 356085	46.44 1.35 0.00	43.44 1.63 0.00	39.00 1.25 0.00	37.00 1.22 0.00	37.28 1.09 0.00	39.01 1.10 0.00	43.56 1.35 0.00	45.07 1.18 0.00	45.49 1.62 0.00	45.39 1.99 -0.19	44.62 1.37 -0.32	47.25 1.53 -0.59	48.15 1.25 1.18	50.75 1.16 2.92	53.52 1.24 4.09	58.93 1.15 -0.42	71.91 1.60 -0.71	70.75 1.92 8.13	66.06 1.28 10.63	59.60 0.72 13.05	55.48 0.45 9.84	51.11 0.17 6.31	46.41 0.39 2.32	43.82 0.31 0.71
BLISS_WT_PWR 323608	46.94 1.85 0.00	43.39 1.59 0.00	38.55 0.79 0.00	36.10 0.32 0.00	36.48 0.29 0.00	38.93 1.02 0.00	43.05 0.84 0.00	44.32 0.44 0.00	43.91 0.04 0.00	43.86 0.65 0.00	44.34 1.41 0.00	47.02 1.89 0.00	50.67 2.59 0.00	55.82 3.31 0.00	59.81 3.44 0.00	60.64 3.27 0.00	74.06 4.46 0.00	81.81 4.85 0.00	80.23 4.83 0.00	76.34 4.39 -0.02	68.31 3.44 0.00	60.22 2.97 0.00	51.05 2.71 0.00	48.24 3.98 -0.04
BLUESTONE___WT_PWR 323821	47.89 2.80 0.00	44.36 2.55 0.00	39.76 2.00 0.00	37.54 1.75 0.00	38.07 1.88 0.00	40.14 2.24 0.00	44.91 2.70 0.00	46.70 2.81 0.00	46.37 2.50 0.00	45.59 2.38 0.00	45.50 2.58 0.00	48.05 2.93 0.00	51.35 3.27 0.00	56.30 3.78 0.00	60.54 4.17 0.00	61.67 4.30 0.00	75.04 5.43 0.00	83.19 6.23 0.00	81.51 6.10 0.00	77.76 5.82 0.00	69.99 5.12 0.00	61.72 4.47 0.00	51.87 3.53 0.00	47.32 3.09 0.00
BLUE_CIRC_CHEM_DRP 24182	43.80 -0.81 0.48	41.05 -0.75 0.00	37.19 -0.57 0.00	35.35 -0.43 0.00	35.76 -0.43 0.00	37.34 -0.57 0.00	41.40 -0.80 0.00	42.86 -0.83 0.19	42.79 -0.88 0.21	42.16 -0.95 0.10	41.63 -1.07 0.23	43.60 -1.17 0.35	45.61 -1.44 1.02	48.67 -1.68 2.16	51.37 -1.86 3.14	52.15 -1.89 3.33	60.64 -2.23 6.73	66.06 -2.39 8.51	65.16 -2.19 8.06	69.83 -2.09 0.02	63.10 -1.75 0.02	55.74 -1.49 0.02	46.36 -1.26 0.73	43.16 -1.06 0.00
BOC_GAS_DRP 24189	44.99 -0.14 -0.03	41.68 -0.13 0.00	37.76 0.00 0.00	35.89 0.11 0.00	36.27 0.07 0.00	37.87 -0.04 0.00	42.08 -0.13 0.00	43.77 -0.13 -0.01	43.88 0.00 -0.01	43.08 -0.04 0.09	42.54 -0.17 0.22	44.65 -0.14 0.34	47.36 -0.34 0.38	51.79 -0.47 0.25	55.66 -0.56 0.14	56.73 -0.63 0.00	68.90 -0.77 -0.07	76.65 -0.85 -0.54	75.09 -0.83 -0.52	71.07 -0.86 0.00	64.09 -0.78 0.00	56.56 -0.69 0.00	47.86 -0.53 -0.05	43.87 -0.35 0.00
BOONVILLE_115KV_TB1 79983	46.71 1.62 0.00	43.31 1.51 0.00	39.00 1.25 0.00	36.93 1.15 0.00	37.46 1.27 0.00	39.31 1.40 0.00	43.89 1.69 0.00	45.99 2.11 0.00	45.76 1.89 0.00	44.90 1.69 0.00	44.64 1.72 0.00	46.97 1.85 0.00	50.10 2.02 0.00	54.82 2.31 0.00	58.91 2.54 0.00	60.01 2.64 0.00	72.18 2.58 0.00	79.88 2.92 0.00	78.42 3.02 0.00	75.03 3.09 0.00	67.72 2.85 0.00	60.58 2.69 -0.64	51.92 2.08 -1.50	45.81 1.59 0.00
BORALEX_4TH_BRANCH 23824	46.26 1.17 0.00	42.93 1.13 0.00	38.78 1.02 0.00	36.82 1.04 0.00	37.24 1.05 0.00	38.93 1.02 0.00	43.30 1.10 0.00	45.03 1.14 0.00	44.97 1.10 0.00	43.73 0.91 0.39	42.78 0.77 0.92	44.51 0.81 1.42	46.94 0.62 1.76	51.56 0.58 1.53	55.57 0.56 1.36	57.02 0.52 0.86	68.92 0.77 1.45	77.84 0.92 0.04	76.61 1.21 0.00	73.09 1.15 0.00	65.97 1.10 0.00	58.16 0.92 0.00	49.02 0.68 0.00	45.02 0.80 0.00
BOWLINE___1 23526	45.90 0.81 0.00	42.64 0.84 0.00	38.51 0.75 0.00	36.54 0.75 0.00	36.88 0.69 0.00	38.55 0.64 0.00	43.09 0.89 0.00	44.90 1.01 0.00	45.14 1.27 0.00	44.73 1.34 -0.18	44.51 1.16 -0.43	47.05 1.26 -0.66	50.00 1.11 -0.82	54.28 1.05 -0.71	58.02 1.02 -0.63	58.92 1.15 -0.40	71.67 1.39 -0.67	78.90 1.92 -0.02	76.68 1.28 0.00	72.87 0.93 0.00	65.45 0.58 0.00	57.53 0.29 0.00	48.78 0.43 0.00	44.66 0.44 0.00
BOWLINE___2 23595	45.81 0.72 0.00	42.60 0.79 0.00	38.47 0.72 0.00	36.50 0.72 0.00	36.88 0.69 0.00	38.51 0.60 0.00	43.00 0.80 0.00	44.81 0.92 0.00	45.06 1.18 0.00	44.65 1.25 -0.18	44.43 1.07 -0.43	46.96 1.17 -0.66	49.91 1.01 -0.82	54.22 1.00 -0.71	57.96 0.96 -0.63	58.80 1.03 -0.40	71.53 1.25 -0.67	78.82 1.84 -0.02	76.54 1.13 0.00	72.73 0.79 0.00	65.33 0.46 0.00	57.42 0.17 0.00	48.73 0.38 0.00	44.57 0.35 0.00
BRADY___115KV_TB2 356060	46.44 1.35 0.00	43.23 1.42 0.00	39.08 1.32 0.00	37.04 1.25 0.00	37.50 1.30 0.00	39.23 1.33 0.00	43.68 1.48 0.00	45.16 1.27 0.00	45.01 1.14 0.00	44.16 0.95 0.00	43.70 0.77 0.00	45.75 0.63 0.00	48.99 0.91 0.00	53.51 1.00 0.00	57.56 1.18 0.00	58.63 1.26 0.00	70.65 1.04 0.00	78.50 1.54 0.00	76.84 1.43 0.00	73.73 1.80 0.00	66.82 1.95 0.00	66.96 2.23 -7.48	66.55 2.03 -16.18	45.95 1.72 0.00
BRANSCOMB___SOLAR 323811	46.58 1.49 0.00	43.23 1.42 0.00	39.08 1.32 0.00	37.07 1.29 0.00	37.53 1.34 0.00	39.23 1.33 0.00	43.64 1.44 0.00	45.33 1.45 0.00	45.14 1.27 0.00	44.01 0.99 0.20	43.28 0.81 0.46	45.31 0.90 0.72	48.00 0.82 0.89	52.58 0.84 0.77	56.36 0.68 0.69	57.85 0.92 0.44	70.05 1.18 0.73	78.55 1.62 0.02	77.21 1.81 0.00	74.02 2.09 0.00	67.08 2.21 0.00	59.13 1.89 0.00	49.70 1.35 0.00	45.46 1.24 0.00
BRDGHMPT_69_KV_BK1 55812	46.81 1.71 0.00	43.98 2.17 0.00	39.38 1.62 0.00	37.32 1.54 0.00	37.57 1.38 0.00	39.31 1.40 0.00	43.77 1.56 0.00	45.29 1.40 0.00	45.89 2.02 0.00	45.91 2.51 -0.19	45.05 1.93 -0.19	47.77 2.17 -0.49	46.79 1.97 3.26	47.69 1.84 6.66	49.30 1.86 8.94	59.56 1.78 -0.41	72.60 2.30 -0.70	63.23 2.69 16.42	56.00 2.04 21.44	46.91 1.37 26.40	45.60 0.58 19.85	44.86 0.34 12.73	44.01 0.34 4.67	43.06 0.27 1.43



BRENTWOD_69_KV_W. BRTWOOD 56703	46.40 1.31 0.00	43.60 1.80 0.00	39.12 1.36 0.00	37.07 1.29 0.00	37.39 1.19 0.00	39.12 1.21 0.00	43.68 1.48 0.00	45.03 1.14 0.00	45.49 1.62 0.00	45.39 1.99 -0.19	44.15 1.03 -0.20	46.74 1.13 -0.49	45.71 0.82 3.18	46.67 0.68 6.52	48.34 0.73 8.76	58.47 0.69 -0.41	71.28 0.97 -0.70	62.14 1.31 16.12	55.11 0.75 21.05	46.31 0.29 25.91	45.45 0.06 19.49	44.58 -0.17 12.50	43.76 0.00 4.59	42.82 0.00 1.40
BRISTLHL_115KV_TB1 79998	44.55 -0.54 0.00	41.30 -0.50 0.00	37.19 -0.57 0.00	35.21 -0.57 0.00	35.61 -0.58 0.00	37.38 -0.53 0.00	41.74 -0.46 0.00	43.45 -0.44 0.00	43.34 -0.53 0.00	42.69 -0.52 0.00	42.58 -0.34 0.00	44.72 -0.41 0.00	47.74 -0.34 0.00	52.30 -0.21 0.00	56.15 -0.23 0.00	57.20 -0.17 0.00	69.39 -0.21 0.00	76.73 -0.23 0.00	75.25 -0.15 0.00	71.79 -0.14 0.00	64.68 -0.19 0.00	57.02 -0.23 0.00	48.13 -0.34 -0.12	43.82 -0.40 0.00
BROOKHAVEN___DRP 24191	45.72 0.63 0.00	42.98 1.17 0.00	38.55 0.79 0.00	36.53 0.75 0.00	36.81 0.62 0.00	38.51 0.61 0.00	43.01 0.80 0.00	44.37 0.48 0.00	44.84 0.97 0.00	44.79 1.38 -0.19	43.72 0.60 -0.19	46.29 0.68 -0.49	45.20 0.38 3.26	46.01 0.16 6.66	47.60 0.17 8.94	57.84 0.06 -0.41	70.58 0.28 -0.70	60.99 0.46 16.43	53.88 -0.08 21.45	44.95 -0.58 26.41	44.23 -0.78 19.86	43.59 -0.92 12.74	43.04 -0.63 4.67	42.13 -0.66 1.43
BROOKLYN_NAVY_YARD 23515	46.40 1.31 0.00	43.06 1.25 0.00	38.85 1.10 0.00	36.82 1.04 0.00	37.17 0.98 0.00	38.86 0.95 0.00	43.56 1.35 0.00	45.55 1.67 0.00	45.89 2.02 0.00	45.56 2.16 -0.19	45.22 1.84 -0.45	47.81 1.98 -0.70	50.63 1.68 -0.87	54.84 1.57 -0.76	58.62 1.58 -0.67	59.40 1.60 -0.43	72.34 2.02 -0.72	79.67 2.69 -0.02	77.21 1.81 0.00	73.23 1.30 0.00	65.78 0.91 0.00	57.82 0.57 0.00	49.21 0.87 0.00	45.11 0.88 0.00
BROOKLYN___ARMY_DRP 323595	46.99 1.89 0.00	43.48 1.67 0.00	39.12 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	39.01 1.10 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.98 2.11 0.00	45.82 2.42 -0.19	45.53 2.15 -0.45	47.90 2.08 -0.70	50.34 1.39 -0.87	54.58 1.31 -0.76	58.51 1.47 -0.67	59.17 1.38 -0.43	72.27 1.95 -0.72	79.44 2.46 -0.02	77.21 1.81 0.00	63.40 1.22 9.76	63.37 0.84 2.34	57.76 0.52 0.00	49.50 1.16 0.00	45.59 1.37 0.00
BROOME_2_LFGE 323671	45.86 0.77 0.00	42.43 0.63 0.00	38.09 0.34 0.00	35.93 0.14 0.00	36.34 0.15 0.00	38.25 0.34 0.00	42.67 0.47 0.00	44.32 0.44 0.00	44.14 0.26 0.00	43.60 0.39 0.00	43.53 0.60 0.00	45.89 0.77 0.00	49.09 1.01 0.00	53.83 1.31 0.00	57.84 1.46 0.00	58.86 1.49 0.00	71.48 1.88 0.00	79.26 2.31 0.00	77.59 2.19 0.00	74.02 2.09 0.00	66.55 1.68 0.00	58.62 1.37 0.00	49.46 1.11 0.00	45.51 1.28 -0.01
BROOME___LFGE 323600	45.86 0.77 0.00	42.43 0.63 0.00	38.09 0.34 0.00	35.93 0.14 0.00	36.34 0.15 0.00	38.25 0.34 0.00	42.67 0.47 0.00	44.32 0.44 0.00	44.14 0.26 0.00	43.60 0.39 0.00	43.53 0.60 0.00	45.89 0.77 0.00	49.09 1.01 0.00	53.83 1.31 0.00	57.84 1.46 0.00	58.86 1.49 0.00	71.48 1.88 0.00	79.26 2.31 0.00	77.59 2.19 0.00	74.02 2.09 0.00	66.55 1.68 0.00	58.62 1.37 0.00	49.46 1.11 0.00	45.51 1.28 -0.01
BROWNFLS_115KV_TB 3_5 80003	46.58 1.49 0.00	43.27 1.46 0.00	39.04 1.28 0.00	37.00 1.22 0.00	37.50 1.30 0.00	39.31 1.40 0.00	43.85 1.65 0.00	45.55 1.67 0.00	45.36 1.49 0.00	44.51 1.30 0.00	44.09 1.16 0.00	46.25 1.13 0.00	49.42 1.35 0.00	54.04 1.52 0.00	58.06 1.69 0.00	59.20 1.84 0.00	71.13 1.53 0.00	78.96 2.00 0.00	77.06 1.66 0.00	73.95 2.01 0.00	66.69 1.82 0.00	64.19 2.52 -4.43	60.93 2.22 -10.36	45.95 1.72 0.00
BROWNSV1_27_KV_LOAD 356125	47.03 1.94 0.00	43.52 1.71 0.00	39.23 1.47 0.00	37.14 1.36 0.00	37.53 1.34 0.00	39.23 1.33 0.00	43.98 1.77 0.00	45.99 2.11 0.00	46.33 2.46 0.00	46.04 2.64 -0.19	45.74 2.36 -0.45	48.35 2.53 -0.70	51.21 2.26 -0.87	55.53 2.26 -0.76	59.41 2.37 -0.67	60.09 2.29 -0.43	73.31 2.99 -0.72	80.52 3.54 -0.02	78.19 2.79 0.00	74.17 2.23 0.00	66.62 1.75 0.00	58.56 1.32 0.00	49.84 1.50 0.00	45.64 1.42 0.00
BURROWS___LYONSDAL 23803	46.85 1.76 0.00	43.44 1.63 0.00	39.08 1.32 0.00	37.04 1.25 0.00	37.53 1.34 0.00	39.46 1.55 0.00	44.02 1.81 0.00	46.08 2.19 0.00	45.84 1.97 0.00	44.90 1.69 0.00	44.64 1.72 0.00	46.97 1.85 0.00	50.10 2.02 0.00	54.82 2.31 0.00	58.85 2.48 0.00	60.01 2.64 0.00	72.18 2.58 0.00	79.96 3.00 0.00	78.49 3.09 0.00	75.17 3.24 0.00	67.92 3.05 0.00	61.01 2.92 -0.85	52.60 2.27 -1.98	45.95 1.72 0.00
CAITHNESS_CC_1 323624	44.28 -0.81 0.00	42.72 0.92 0.00	38.55 0.79 0.00	36.54 0.75 0.00	36.81 0.61 0.00	38.51 0.60 0.00	42.97 0.76 0.00	44.20 0.31 0.00	44.44 0.57 0.00	44.40 0.99 -0.19	43.63 0.52 -0.19	46.19 0.59 -0.49	45.11 0.29 3.26	45.90 0.05 6.66	47.43 0.00 8.95	57.84 0.06 -0.41	70.38 0.07 -0.70	60.98 0.46 16.44	53.79 -0.15 21.46	44.94 -0.58 26.42	44.09 -0.91 19.87	43.47 -1.03 12.74	42.89 -0.78 4.68	42.04 -0.75 1.43
CALPINE BETH_PAGE_GT4 24209	46.04 0.95 0.00	43.14 1.34 0.00	38.74 0.98 0.00	36.71 0.93 0.00	37.03 0.83 0.00	38.74 0.83 0.00	43.22 1.01 0.00	44.72 0.83 0.00	45.19 1.32 0.00	45.05 1.64 -0.19	44.22 1.03 -0.26	46.79 1.13 -0.54	46.60 0.67 2.15	48.37 0.53 4.67	50.52 0.51 6.36	58.24 0.46 -0.41	71.00 0.70 -0.71	65.87 0.92 12.01	60.01 0.30 15.69	52.41 -0.22 19.31	49.95 -0.39 14.53	47.36 -0.57 9.32	44.83 -0.10 3.42	43.09 -0.09 1.05
CALPINE_BETH_PAGE_GT_4 323586	44.68 -0.41 0.00	42.89 1.09 0.00	38.74 0.98 0.00	36.71 0.93 0.00	37.03 0.83 0.00	38.70 0.80 0.00	43.22 1.01 0.00	44.59 0.70 0.00	44.83 0.96 0.00	44.74 1.34 -0.19	44.18 0.99 -0.26	46.75 1.08 -0.54	46.60 0.67 2.15	48.37 0.53 4.67	50.46 0.45 6.36	58.30 0.52 -0.41	71.00 0.70 -0.71	66.10 1.16 12.01	60.02 0.30 15.69	52.48 -0.14 19.31	49.89 -0.45 14.53	47.24 -0.68 9.32	44.68 -0.24 3.42	43.00 -0.18 1.05
CALPINE_BP_GT1 23823	44.68 -0.41 0.00	42.89 1.09 0.00	38.74 0.98 0.00	36.71 0.93 0.00	37.03 0.83 0.00	38.70 0.80 0.00	43.22 1.01 0.00	44.59 0.70 0.00	44.83 0.96 0.00	44.74 1.34 -0.19	44.18 0.99 -0.26	46.75 1.08 -0.54	46.60 0.67 2.15	48.37 0.53 4.67	50.46 0.45 6.36	58.30 0.52 -0.41	71.00 0.70 -0.71	66.10 1.16 12.01	60.02 0.30 15.69	52.48 -0.14 19.31	49.89 -0.45 14.53	47.24 -0.68 9.32	44.68 -0.24 3.42	43.00 -0.18 1.05
CALSPAN___DRP 24200	47.93 2.84 0.00	44.44 2.63 0.00	39.49 1.74 0.00	36.96 1.18 0.00	37.31 1.12 0.00	39.54 1.63 0.00	43.77 1.56 0.00	44.94 1.05 0.00	44.44 0.57 0.00	44.08 0.86 0.00	44.86 1.93 0.00	47.65 2.53 0.00	51.39 3.32 0.00	56.45 3.94 0.00	60.32 3.95 0.00	61.33 3.96 0.00	75.03 5.43 0.00	82.73 5.77 0.00	81.36 5.96 -0.02	77.43 5.47 0.00	69.67 4.80 0.00	61.20 3.95 0.00	51.73 3.38 0.00	47.85 3.58 -0.04

CALVERTON___SOLAR 323806	44.37 -0.72 0.00	42.81 1.00 0.00	38.59 0.83 0.00	36.61 0.82 0.00	36.84 0.65 0.00	38.55 0.64 0.00	43.00 0.80 0.00	44.28 0.39 0.00	44.53 0.66 0.00	44.53 1.12 -0.19	43.80 0.68 -0.19	46.38 0.77 -0.49	45.35 0.53 3.26	46.17 0.32 6.66	47.72 0.28 8.94	58.12 0.35 -0.41	70.73 0.42 -0.70	61.38 0.85 16.43	54.11 0.15 21.45	45.32 -0.22 26.41	44.30 -0.71 19.86	43.65 -0.86 12.74	43.04 -0.63 4.67	42.13 -0.66 1.43
CANDIGU_WT_PWR 323617	46.80 1.71 0.00	43.27 1.46 0.00	38.59 0.83 0.00	36.21 0.43 0.00	36.59 0.40 0.00	38.82 0.91 0.00	43.09 0.89 0.00	44.37 0.48 0.00	43.83 0.17 0.00	43.39 0.68 0.00	43.61 1.04 0.00	46.16 1.49 0.00	49.57 1.99 0.00	54.51 2.09 0.00	58.46 2.06 0.00	59.43 2.79 0.00	72.39 2.06 0.00	80.34 3.38 0.00	78.95 3.54 0.00	75.54 3.60 -0.01	68.05 3.18 0.00	59.94 2.69 0.00	50.62 2.27 0.00	46.85 2.61 -0.02
CARR STREET_E_SYR 24060	44.68 -0.41 0.00	41.39 -0.42 0.00	37.23 -0.53 0.00	35.21 -0.57 0.00	35.61 -0.58 0.00	37.49 -0.42 0.00	41.87 -0.34 0.00	43.58 -0.31 0.00	43.52 -0.35 0.00	42.95 -0.26 0.00	42.84 -0.09 0.00	45.08 -0.05 0.00	48.12 0.05 0.00	52.72 0.21 0.00	56.71 0.34 0.00	57.66 0.29 0.00	69.95 0.35 0.00	77.27 0.31 0.00	75.55 0.15 0.00	72.08 0.14 0.00	64.93 0.06 0.00	57.19 -0.06 0.00	48.30 -0.14 -0.10	43.96 -0.26 0.00
CARTHAGE___PAPER 23857	47.57 2.48 0.00	44.10 2.30 0.00	39.61 1.85 0.00	37.54 1.75 0.00	38.11 1.92 0.00	40.10 2.20 0.00	44.78 2.57 0.00	46.56 2.68 0.00	46.19 2.32 0.00	45.16 1.95 0.00	44.81 1.89 0.00	47.02 1.89 0.00	50.19 2.11 0.00	54.88 2.37 0.00	58.91 2.54 0.00	59.95 2.58 0.00	72.46 2.85 0.00	80.50 3.54 0.00	79.25 3.84 0.00	76.25 4.32 0.00	69.03 4.16 0.00	62.74 4.12 -1.37	54.84 3.29 -3.21	46.70 2.47 0.00
CASSADAGA_WT_PWR 323784	48.07 2.98 0.00	44.44 2.64 0.00	39.38 1.62 0.00	36.82 1.04 0.00	37.20 1.01 0.00	39.69 1.78 0.00	43.94 1.73 0.00	45.25 1.36 0.00	44.83 0.96 0.00	44.85 1.64 0.00	45.37 2.45 0.00	48.19 3.07 0.00	51.97 3.89 0.00	57.24 4.73 0.00	61.22 4.85 0.00	62.19 4.82 0.00	75.94 6.33 0.00	83.80 6.85 0.00	82.34 6.93 0.00	78.43 6.48 -0.02	70.32 5.45 0.00	61.94 4.70 0.00	52.41 4.06 0.00	48.77 4.51 -0.04
CE_DUNWOOD___DRP 24194	46.31 1.22 0.00	42.93 1.13 0.00	38.74 0.98 0.00	36.71 0.93 0.00	37.10 0.90 0.00	38.78 0.87 0.00	43.34 1.14 0.00	45.20 1.32 0.00	45.54 1.67 0.00	45.18 1.77 -0.19	44.92 1.55 -0.45	47.49 1.67 -0.70	50.39 1.44 -0.87	54.69 1.42 -0.76	58.51 1.47 -0.67	59.17 1.38 -0.42	72.13 1.81 -0.72	79.29 2.31 -0.02	77.14 1.73 0.00	73.23 1.29 0.00	65.78 0.91 0.00	57.82 0.57 0.00	49.12 0.77 0.00	44.97 0.75 0.00
CE_MILLWOOD___DRP 24193	46.22 1.13 0.00	42.85 1.05 0.00	38.66 0.91 0.00	36.68 0.89 0.00	37.03 0.83 0.00	38.74 0.83 0.00	43.26 1.06 0.00	45.11 1.23 0.00	45.41 1.54 0.00	45.04 1.64 -0.19	44.79 1.42 -0.45	47.36 1.53 -0.70	50.24 1.30 -0.86	54.52 1.26 -0.75	58.34 1.30 -0.67	59.05 1.26 -0.42	71.99 1.67 -0.71	79.05 2.08 -0.02	76.91 1.51 0.00	73.09 1.15 0.00	65.65 0.78 0.00	57.76 0.52 0.00	49.02 0.68 0.00	44.88 0.66 0.00
CE_NYC2_DRP 24202	46.81 1.71 0.00	43.31 1.51 0.00	39.00 1.25 0.00	37.04 1.25 0.00	37.35 1.16 0.00	39.01 1.10 0.00	43.72 1.52 0.00	45.60 1.71 0.00	45.93 2.06 0.00	45.69 2.29 -0.19	45.40 2.02 -0.45	47.86 2.03 -0.70	50.44 1.49 -0.87	54.58 1.31 -0.76	58.40 1.35 -0.67	59.06 1.26 -0.43	71.99 1.67 -0.72	79.13 2.15 -0.02	76.84 1.43 0.00	63.11 0.94 9.76	63.12 0.58 2.34	57.59 0.34 0.00	49.41 1.06 0.00	45.42 1.19 0.00
CE_NYC_DRP 24195	46.62 1.53 0.00	43.19 1.38 0.00	38.93 1.17 0.00	36.89 1.11 0.00	37.24 1.05 0.00	38.93 1.02 0.00	43.64 1.43 0.00	45.60 1.71 0.00	45.98 2.11 0.00	45.65 2.25 -0.19	45.35 1.97 -0.45	47.95 2.12 -0.70	50.77 1.83 -0.87	55.00 1.73 -0.76	58.85 1.80 -0.67	59.51 1.72 -0.43	72.55 2.23 -0.72	79.75 2.77 -0.02	77.44 2.04 0.00	73.45 1.51 0.00	65.91 1.04 0.00	57.99 0.74 0.00	49.41 1.06 0.00	45.24 1.02 0.00
CHAFFEE___LFGE 323603	48.07 2.98 0.00	44.44 2.64 0.00	39.42 1.66 0.00	36.93 1.14 0.00	37.24 1.05 0.00	39.65 1.74 0.00	43.77 1.56 0.00	44.98 1.10 0.00	44.48 0.61 0.00	44.47 1.25 0.00	45.03 2.10 0.00	47.78 2.66 0.00	51.44 3.36 0.00	56.50 3.99 0.00	60.54 4.17 0.00	61.44 4.07 0.00	75.17 5.57 0.00	82.96 6.01 0.00	81.44 6.03 0.00	77.57 5.61 -0.02	69.74 4.87 0.00	61.42 4.18 0.00	52.16 3.82 0.00	48.15 3.89 -0.04
CHATEAUG_35_KV_LOAD 355732	45.18 0.09 0.00	42.10 0.29 0.00	38.10 0.34 0.00	36.10 0.32 0.00	36.55 0.36 0.00	38.25 0.34 0.00	42.58 0.38 0.00	44.19 0.31 0.00	44.18 0.31 0.00	43.47 0.26 0.00	43.06 0.13 0.00	44.99 -0.14 0.00	48.08 0.00 0.00	52.51 0.00 0.00	56.43 0.06 0.00	57.54 0.17 0.00	69.60 0.00 0.00	77.26 0.31 0.00	75.55 0.15 0.00	72.30 0.36 0.00	65.26 0.39 0.00	58.33 0.46 -0.63	48.71 0.48 0.12	44.62 0.40 0.00
CHATEAUG_WT_PWR 323614	45.23 0.14 0.00	41.97 0.17 0.00	37.98 0.23 0.00	36.03 0.25 0.00	36.48 0.29 0.00	38.14 0.23 0.00	42.50 0.30 0.00	44.15 0.26 0.00	44.18 0.31 0.00	43.47 0.26 0.00	43.06 0.13 0.00	44.99 -0.13 0.00	48.12 0.05 0.00	52.51 0.00 0.00	56.43 0.06 0.00	57.37 0.00 0.00	69.53 -0.07 0.00	76.88 -0.08 0.00	75.33 -0.08 0.00	72.01 0.07 0.00	64.93 0.06 0.00	57.48 0.23 0.00	48.01 0.29 0.63	44.62 0.40 0.00
CHAT_HIGH_FALL_HYD 323578	45.18 0.09 0.00	42.10 0.29 0.00	38.10 0.34 0.00	36.10 0.32 0.00	36.55 0.36 0.00	38.25 0.34 0.00	42.58 0.38 0.00	44.19 0.31 0.00	44.18 0.31 0.00	43.47 0.26 0.00	43.06 0.13 0.00	44.99 -0.14 0.00	48.08 0.00 0.00	52.51 0.00 0.00	56.43 0.06 0.00	57.54 0.17 0.00	69.60 0.00 0.00	77.26 0.31 0.00	75.55 0.15 0.00	72.30 0.36 0.00	65.26 0.39 0.00	58.33 0.46 -0.63	48.71 0.48 0.12	44.62 0.40 0.00
CHAUTAUQUA___LFGE 323629	48.11 3.02 0.00	44.44 2.64 0.00	39.46 1.70 0.00	36.89 1.11 0.00	37.24 1.05 0.00	39.69 1.78 0.00	43.81 1.60 0.00	45.03 1.14 0.00	44.57 0.70 0.00	44.51 1.30 0.00	45.03 2.10 0.00	47.83 2.71 0.00	51.54 3.46 0.00	56.66 4.15 0.00	60.65 4.28 0.00	61.61 4.25 0.00	75.31 5.71 0.00	83.34 6.38 0.00	81.89 6.49 0.00	78.00 6.04 -0.02	70.06 5.19 0.00	61.66 4.41 0.00	52.26 3.91 0.00	48.42 4.16 -0.04
CHERRYST_13_KV_LD 356241	46.81 1.71 0.00	43.31 1.51 0.00	39.04 1.28 0.00	37.00 1.22 0.00	37.35 1.16 0.00	39.08 1.18 0.00	43.81 1.60 0.00	45.82 1.93 0.00	46.15 2.28 0.00	45.87 2.46 -0.19	45.57 2.19 -0.45	48.17 2.35 -0.70	51.01 2.07 -0.87	55.32 2.05 -0.76	59.19 2.14 -0.67	59.80 2.01 -0.43	72.97 2.64 -0.72	80.13 3.16 -0.02	77.74 2.34 0.00	73.73 1.80 0.00	66.23 1.36 0.00	58.22 0.97 0.00	49.55 1.21 0.00	45.42 1.19 0.00

CHESTROR_138KV_BK263 355645	45.95 0.86 0.00	42.60 0.79 0.00	38.44 0.68 0.00	36.46 0.68 0.00	36.81 0.62 0.00	38.51 0.61 0.00	42.96 0.76 0.00	44.76 0.88 0.00	44.97 1.10 0.00	44.54 1.17 -0.16	44.30 0.99 -0.39	46.81 1.08 -0.60	49.78 0.96 -0.74	54.11 0.95 -0.65	57.91 0.96 -0.58	58.71 0.98 -0.36	71.47 1.25 -0.61	78.59 1.62 -0.02	76.68 1.28 0.00	72.87 0.94 0.00	65.52 0.65 0.00	57.65 0.40 0.00	48.88 0.53 0.00	44.71 0.49 0.00
CH_MIDHUDSON___DRP 24192	46.31 1.22 0.00	42.89 1.09 0.00	38.74 0.98 0.00	36.75 0.97 0.00	37.13 0.94 0.00	38.82 0.91 0.00	43.30 1.10 0.00	45.11 1.23 0.00	45.32 1.45 0.00	44.86 1.51 -0.14	44.54 1.29 -0.33	47.03 1.40 -0.51	49.96 1.25 -0.63	54.32 1.26 -0.55	58.22 1.35 -0.49	59.00 1.32 -0.31	71.87 1.74 -0.52	79.13 2.15 -0.01	77.14 1.73 0.00	73.30 1.37 0.00	65.97 1.10 0.00	57.99 0.74 0.00	49.12 0.77 0.00	44.97 0.75 0.00
CH_MISC_IPPS 23765	46.40 1.31 0.00	43.10 1.30 0.00	38.93 1.17 0.00	36.93 1.14 0.00	37.28 1.08 0.00	38.97 1.06 0.00	43.51 1.31 0.00	45.33 1.45 0.00	45.54 1.67 0.00	45.05 1.68 -0.15	44.79 1.50 -0.36	47.30 1.62 -0.56	50.30 1.54 -0.69	54.74 1.63 -0.60	58.59 1.69 -0.53	59.54 1.84 -0.34	72.46 2.29 -0.57	79.90 2.92 -0.02	77.74 2.34 0.00	73.88 1.94 0.00	66.49 1.62 0.00	58.39 1.14 0.00	49.36 1.02 0.00	45.15 0.93 0.00
CH_RES_BVR_FALLS 23983	45.09 0.00 0.00	41.81 0.00 0.00	37.76 0.00 0.00	35.78 0.00 0.00	36.19 0.00 0.00	37.91 0.00 0.00	42.20 0.00 0.00	43.89 0.00 0.00	43.87 0.00 0.00	43.25 0.04 0.00	42.93 0.00 0.00	45.08 -0.05 0.00	48.08 0.00 0.00	52.46 -0.05 0.00	56.37 0.00 0.00	57.31 -0.06 0.00	69.53 -0.07 0.00	76.80 -0.15 0.00	75.25 -0.15 0.00	71.86 -0.07 0.00	64.81 -0.06 0.00	57.30 0.06 0.00	48.27 0.05 0.12	44.27 0.04 0.00
CH_RES_NIAGARA 23895	46.71 1.62 0.00	43.39 1.59 0.00	38.59 0.83 0.00	36.10 0.32 0.00	36.45 0.25 0.00	38.63 0.72 0.00	42.46 0.25 0.00	43.40 -0.48 0.00	42.86 -1.01 0.00	42.43 -0.78 0.00	43.18 0.26 0.00	45.84 0.72 0.00	49.33 1.25 0.00	54.04 1.52 0.00	57.72 1.35 0.00	58.69 1.32 0.00	71.76 2.16 0.00	79.19 2.23 0.00	77.74 2.34 0.00	74.12 2.16 -0.02	66.82 1.95 0.00	58.74 1.49 0.00	49.84 1.50 0.00	46.43 2.17 -0.05
CH_RES_SYRACUSE 23985	45.23 0.14 0.00	41.85 0.04 0.00	37.64 -0.11 0.00	35.60 -0.18 0.00	35.98 -0.22 0.00	37.79 -0.11 0.00	42.25 0.04 0.00	43.97 0.09 0.00	43.87 0.00 0.00	43.25 0.04 0.00	43.19 0.26 0.00	45.44 0.32 0.00	48.51 0.43 0.00	53.15 0.63 0.00	57.16 0.79 0.00	58.11 0.74 0.00	70.51 0.90 0.00	78.11 1.16 0.00	76.38 0.98 0.00	72.87 0.93 0.00	65.65 0.78 0.00	57.82 0.57 0.00	48.78 0.43 0.00	44.49 0.27 0.00
CLINTON_WT_PWR 323605	45.23 0.14 0.00	41.97 0.17 0.00	37.98 0.23 0.00	36.03 0.25 0.00	36.48 0.29 0.00	38.14 0.23 0.00	42.50 0.30 0.00	44.15 0.26 0.00	44.18 0.31 0.00	43.47 0.26 0.00	43.06 0.13 0.00	44.99 -0.13 0.00	48.12 0.05 0.00	52.51 0.00 0.00	56.43 0.06 0.00	57.37 0.00 0.00	69.53 -0.07 0.00	76.88 -0.08 0.00	75.33 -0.08 0.00	72.01 0.07 0.00	64.93 0.06 0.00	57.48 0.23 0.00	48.01 0.29 0.63	44.62 0.40 0.00
CLINTON___LFGE 323618	45.50 0.40 0.00	42.27 0.46 0.00	38.28 0.53 0.00	36.28 0.50 0.00	36.74 0.54 0.00	38.40 0.49 0.00	42.80 0.59 0.00	44.41 0.53 0.00	44.48 0.61 0.00	43.73 0.52 0.00	43.31 0.39 0.00	45.08 -0.05 0.00	48.32 0.24 0.00	52.83 0.32 0.00	56.77 0.40 0.00	57.71 0.35 0.00	70.02 0.42 0.00	77.65 0.69 0.00	76.00 0.60 0.00	72.73 0.79 0.00	65.65 0.78 0.00	58.15 0.69 -0.22	48.55 0.63 0.42	45.02 0.80 0.00
COBBLENY_34_KV_TB1 80064	47.84 2.75 0.00	44.31 2.51 0.00	39.42 1.66 0.00	36.89 1.11 0.00	37.24 1.05 0.00	39.46 1.55 0.00	43.77 1.56 0.00	44.94 1.05 0.00	44.44 0.57 0.00	44.08 0.86 0.00	44.86 1.93 0.00	47.65 2.53 0.00	51.44 3.37 0.00	56.50 3.99 0.00	60.37 4.00 0.00	61.44 4.07 0.00	75.17 5.57 0.00	82.81 5.85 0.00	81.44 6.03 0.00	77.57 5.61 -0.02	69.74 4.87 0.00	61.20 3.95 0.00	51.68 3.34 0.00	47.89 3.63 -0.04
COFFEEN___115KV_TB3 355620	48.11 3.02 0.00	44.65 2.84 0.00	40.06 2.30 0.00	37.97 2.18 0.00	38.58 2.39 0.00	40.64 2.73 0.00	45.37 3.17 0.00	47.13 3.25 0.00	46.72 2.85 0.00	45.59 2.38 0.00	45.29 2.36 0.00	47.56 2.44 0.00	50.72 2.64 0.00	55.40 2.89 0.00	59.42 3.04 0.00	60.58 3.21 0.00	73.29 3.69 0.00	81.42 4.46 0.00	80.46 5.05 0.00	77.47 5.54 0.00	70.25 5.38 0.00	63.42 5.04 -1.13	54.96 3.96 -2.65	47.18 2.96 0.00
COLDSPRG_115KV_BK1 355956	46.85 1.76 0.00	43.39 1.59 0.00	38.59 0.83 0.00	36.07 0.29 0.00	36.45 0.25 0.00	38.78 0.87 0.00	43.22 1.01 0.00	44.54 0.66 0.00	44.13 0.26 0.00	43.77 0.56 0.00	44.43 1.50 0.00	47.20 2.08 0.00	51.11 3.03 0.00	56.35 3.83 0.00	60.09 3.72 0.00	61.21 3.84 0.00	74.75 5.15 0.00	82.27 5.31 0.00	80.91 5.50 0.00	77.13 5.18 -0.02	69.15 4.28 0.00	60.68 3.43 0.00	51.10 2.76 0.00	47.44 3.18 -0.04
COLONIE_LFGE___ 323577	45.90 0.81 0.00	42.60 0.79 0.00	38.51 0.75 0.00	36.57 0.79 0.00	36.99 0.80 0.00	38.66 0.76 0.00	43.00 0.80 0.00	44.72 0.83 0.00	44.66 0.79 0.00	43.63 0.65 0.23	42.94 0.56 0.55	44.86 0.59 0.85	47.51 0.48 1.05	52.02 0.42 0.91	55.90 0.34 0.81	57.31 0.46 0.51	69.30 0.55 0.86	77.78 0.85 0.02	76.31 0.91 0.00	72.80 0.87 0.00	65.78 0.91 0.00	57.99 0.74 0.00	48.83 0.48 0.00	44.75 0.53 0.00
COOPERNY_115KV_TB1 80082	45.72 0.63 0.00	42.39 0.59 0.00	38.25 0.49 0.00	36.25 0.47 0.00	36.63 0.43 0.00	38.36 0.45 0.00	42.75 0.55 0.00	44.54 0.66 0.00	44.66 0.79 0.00	44.19 0.86 -0.12	43.97 0.77 -0.27	46.40 0.86 -0.42	49.37 0.77 -0.52	53.76 0.79 -0.45	57.62 0.85 -0.40	58.43 0.80 -0.26	71.15 1.11 -0.43	78.35 1.39 -0.01	76.46 1.06 0.00	72.73 0.79 0.00	65.45 0.58 0.00	57.65 0.40 0.00	48.78 0.44 0.00	44.62 0.40 0.00
COPENHAGEN_WT_PWR 323753	47.57 2.48 0.00	44.10 2.30 0.00	39.57 1.81 0.00	37.50 1.72 0.00	38.07 1.88 0.00	40.10 2.20 0.00	44.74 2.53 0.00	46.52 2.63 0.00	46.15 2.28 0.00	45.16 1.95 0.00	44.86 1.93 0.00	47.06 1.94 0.00	50.19 2.11 0.00	54.88 2.37 0.00	58.91 2.54 0.00	60.01 2.64 0.00	72.59 2.99 0.00	80.65 3.69 0.00	79.40 3.99 0.00	76.40 4.46 0.00	69.15 4.28 0.00	62.38 4.07 -1.07	54.08 3.24 -2.50	46.65 2.43 0.00
CORNELL_____ 23752	46.35 1.26 0.00	42.89 1.09 0.00	38.55 0.79 0.00	36.39 0.61 0.00	36.81 0.62 0.00	38.70 0.80 0.00	43.34 1.14 0.00	45.03 1.14 0.00	44.79 0.92 0.00	43.99 0.78 0.00	43.87 0.94 0.00	46.16 1.04 0.00	49.37 1.30 0.00	54.19 1.68 0.00	58.23 1.86 0.00	59.38 2.01 0.00	72.18 2.58 0.00	80.11 3.16 0.00	78.72 3.32 0.00	75.24 3.31 0.00	67.72 2.85 0.00	59.65 2.40 0.00	50.18 1.84 0.00	45.77 1.55 0.00

CORONA__69_KV_TB1 355595	46.53 1.44 0.00	43.44 1.63 0.00	39.04 1.28 0.00	37.04 1.25 0.00	37.39 1.19 0.00	39.12 1.21 0.00	43.64 1.43 0.00	45.20 1.32 0.00	45.63 1.75 0.00	45.48 2.07 -0.19	44.94 1.59 -0.42	47.51 1.71 -0.68	50.02 1.49 -0.46	53.90 1.37 -0.02	57.61 1.52 0.28	59.28 1.49 -0.42	72.26 1.95 -0.71	77.66 2.31 1.61	74.94 1.66 2.12	70.54 1.15 2.54	63.68 0.78 1.96	56.44 0.46 1.26	48.46 0.58 0.47	44.61 0.53 0.15
CORTLAND__115KV_TB3 80093	45.86 0.77 0.00	42.43 0.63 0.00	38.17 0.42 0.00	36.07 0.29 0.00	36.48 0.29 0.00	38.36 0.45 0.00	42.88 0.68 0.00	44.59 0.70 0.00	44.40 0.53 0.00	43.69 0.48 0.00	43.57 0.64 0.00	45.89 0.77 0.00	49.04 0.96 0.00	53.77 1.26 0.00	57.72 1.35 0.00	58.80 1.43 0.00	71.41 1.81 0.00	79.11 2.15 0.00	77.59 2.19 0.00	74.09 2.16 0.00	66.75 1.88 0.00	58.79 1.55 0.00	49.50 1.16 0.00	45.19 0.97 0.00
COXSACKIE__GT 23611	45.88 1.40 0.61	42.81 1.00 0.00	38.70 0.94 0.00	36.78 1.00 0.00	37.20 1.01 0.00	38.82 0.91 0.00	43.22 1.01 0.00	45.01 1.36 0.24	44.70 1.10 0.26	43.79 0.65 0.07	43.15 0.39 0.16	45.24 0.36 0.25	47.37 0.34 1.05	50.51 0.53 2.53	53.19 0.62 3.81	54.00 0.74 4.11	62.49 1.25 8.37	68.13 2.00 10.83	67.63 2.48 10.26	74.43 2.52 0.02	67.12 2.27 0.02	59.34 2.12 0.02	48.82 1.40 0.93	45.06 0.84 0.00
CPV_VALLEY__CC1 323721	45.50 0.40 0.00	42.27 0.46 0.00	38.21 0.45 0.00	36.21 0.43 0.00	36.59 0.40 0.00	38.25 0.34 0.00	42.67 0.47 0.00	44.45 0.57 0.00	44.62 0.75 0.00	44.18 0.82 -0.15	43.96 0.68 -0.35	46.43 0.77 -0.54	49.37 0.62 -0.67	53.67 0.58 -0.58	57.45 0.56 -0.52	58.33 0.63 -0.33	70.92 0.77 -0.55	78.20 1.23 -0.02	76.08 0.68 0.00	72.37 0.43 0.00	65.07 0.20 0.00	57.25 0.00 0.00	48.49 0.15 0.00	44.40 0.18 0.00
CPV_VALLEY__CC2 323722	45.50 0.40 0.00	42.27 0.46 0.00	38.21 0.45 0.00	36.21 0.43 0.00	36.59 0.40 0.00	38.25 0.34 0.00	42.67 0.47 0.00	44.45 0.57 0.00	44.62 0.75 0.00	44.18 0.82 -0.15	43.96 0.68 -0.35	46.43 0.77 -0.54	49.37 0.62 -0.67	53.67 0.58 -0.58	57.45 0.56 -0.52	58.33 0.63 -0.33	70.92 0.77 -0.55	78.20 1.23 -0.02	76.08 0.68 0.00	72.37 0.43 0.00	65.07 0.20 0.00	57.25 0.00 0.00	48.49 0.15 0.00	44.40 0.18 0.00
CRESCENT__HYD 24018	45.90 0.81 0.00	42.60 0.79 0.00	38.51 0.75 0.00	36.57 0.79 0.00	36.99 0.80 0.00	38.66 0.76 0.00	43.00 0.80 0.00	44.72 0.83 0.00	44.66 0.79 0.00	43.63 0.65 0.23	42.94 0.56 0.55	44.86 0.59 0.85	47.51 0.48 1.05	52.02 0.42 0.91	55.90 0.34 0.81	57.31 0.46 0.51	69.30 0.55 0.86	77.78 0.85 0.02	76.31 0.91 0.00	72.80 0.87 0.00	65.78 0.91 0.00	57.99 0.74 0.00	48.83 0.48 0.00	44.75 0.53 0.00
CRICKET__VALLEY_CC1 323756	45.45 0.36 0.00	42.27 0.46 0.00	38.17 0.42 0.00	36.25 0.46 0.00	36.63 0.44 0.00	38.25 0.34 0.00	42.67 0.47 0.00	44.45 0.57 0.00	44.57 0.70 0.00	41.44 0.65 2.42	37.69 0.47 5.71	36.81 0.54 8.86	37.42 0.29 10.94	43.14 0.16 9.53	47.95 0.06 8.48	52.12 0.11 5.36	60.78 0.21 9.03	77.25 0.54 0.25	75.55 0.15 0.00	71.86 -0.07 0.00	64.74 -0.13 0.00	56.91 -0.34 0.00	48.20 -0.14 0.00	44.18 -0.04 0.00
CRICKET__VALLEY_CC2 323757	45.45 0.36 0.00	42.27 0.46 0.00	38.17 0.42 0.00	36.25 0.46 0.00	36.63 0.44 0.00	38.25 0.34 0.00	42.67 0.47 0.00	44.45 0.57 0.00	44.57 0.70 0.00	41.44 0.65 2.42	37.69 0.47 5.71	36.81 0.54 8.86	37.42 0.29 10.94	43.14 0.16 9.53	47.95 0.06 8.48	52.12 0.11 5.36	60.78 0.21 9.03	77.25 0.54 0.25	75.55 0.15 0.00	71.86 -0.07 0.00	64.74 -0.13 0.00	56.91 -0.34 0.00	48.20 -0.14 0.00	44.18 -0.04 0.00
CRICKET__VALLEY_CC3 323758	45.45 0.36 0.00	42.27 0.46 0.00	38.17 0.42 0.00	36.25 0.46 0.00	36.63 0.44 0.00	38.25 0.34 0.00	42.67 0.47 0.00	44.45 0.57 0.00	44.57 0.70 0.00	41.44 0.65 2.42	37.69 0.47 5.71	36.81 0.54 8.86	37.42 0.29 10.94	43.14 0.16 9.53	47.95 0.06 8.48	52.12 0.11 5.36	60.78 0.21 9.03	77.25 0.54 0.25	75.55 0.15 0.00	71.86 -0.07 0.00	64.74 -0.13 0.00	56.91 -0.34 0.00	48.20 -0.14 0.00	44.18 -0.04 0.00
CRUCIBLE__METL_DRP 24180	45.18 0.09 0.00	41.85 0.04 0.00	37.64 -0.11 0.00	35.60 -0.18 0.00	35.98 -0.22 0.00	37.79 -0.11 0.00	42.25 0.04 0.00	43.97 0.09 0.00	43.87 0.00 0.00	43.21 0.00 0.00	43.14 0.21 0.00	45.39 0.27 0.00	48.51 0.43 0.00	53.14 0.63 0.00	57.10 0.73 0.00	58.11 0.75 0.00	70.51 0.90 0.00	77.96 1.00 0.00	76.38 0.98 0.00	72.87 0.94 0.00	65.65 0.78 0.00	57.82 0.57 0.00	48.68 0.34 0.00	44.44 0.22 0.00
DAHOWA__HYDRO 323763	46.76 1.67 0.00	43.39 1.59 0.00	39.23 1.47 0.00	37.18 1.39 0.00	37.68 1.48 0.00	39.38 1.48 0.00	43.81 1.60 0.00	45.51 1.62 0.00	45.32 1.45 0.00	44.23 1.21 0.19	43.47 0.99 0.45	45.51 1.08 0.69	48.23 1.01 0.85	52.76 1.00 0.74	56.56 0.85 0.66	58.04 1.09 0.42	70.36 1.46 0.70	78.86 1.92 0.02	77.51 2.11 0.00	74.38 2.45 0.00	67.40 2.53 0.00	59.42 2.17 0.00	49.89 1.55 0.00	45.64 1.41 0.00
DANC__LFGE 323619	46.44 1.35 0.00	43.02 1.21 0.00	38.66 0.90 0.00	36.61 0.82 0.00	37.13 0.94 0.00	39.04 1.14 0.00	43.60 1.39 0.00	45.33 1.45 0.00	45.06 1.18 0.00	44.21 0.99 0.00	43.95 1.03 0.00	46.11 0.99 0.00	49.18 1.11 0.00	53.83 1.31 0.00	57.78 1.41 0.00	58.80 1.43 0.00	71.13 1.53 0.00	79.04 2.08 0.00	77.66 2.26 0.00	74.45 2.52 0.00	67.33 2.46 0.00	60.26 2.29 -0.72	51.86 1.84 -1.68	45.55 1.33 0.00
DANSKAMMER__1 23586	46.40 1.31 0.00	43.10 1.30 0.00	38.93 1.17 0.00	36.93 1.14 0.00	37.28 1.08 0.00	38.97 1.06 0.00	43.51 1.31 0.00	45.33 1.45 0.00	45.54 1.67 0.00	45.05 1.68 -0.15	44.79 1.50 -0.36	47.30 1.62 -0.56	50.30 1.54 -0.69	54.74 1.63 -0.60	58.59 1.69 -0.53	59.54 1.84 -0.34	72.46 2.29 -0.57	79.90 2.92 -0.02	77.74 2.34 0.00	73.88 1.94 0.00	66.49 1.62 0.00	58.39 1.14 0.00	49.36 1.02 0.00	45.15 0.93 0.00
DANSKAMMER__2 23589	46.40 1.31 0.00	43.10 1.30 0.00	38.93 1.17 0.00	36.93 1.14 0.00	37.28 1.08 0.00	38.97 1.06 0.00	43.51 1.31 0.00	45.33 1.45 0.00	45.54 1.67 0.00	45.05 1.68 -0.15	44.79 1.50 -0.36	47.30 1.62 -0.56	50.30 1.54 -0.69	54.74 1.63 -0.60	58.59 1.69 -0.53	59.54 1.84 -0.34	72.46 2.29 -0.57	79.90 2.92 -0.02	77.74 2.34 0.00	73.88 1.94 0.00	66.49 1.62 0.00	58.39 1.14 0.00	49.36 1.02 0.00	45.15 0.93 0.00
DANSKAMMER__3 23590	46.40 1.31 0.00	43.10 1.30 0.00	38.93 1.17 0.00	36.93 1.14 0.00	37.28 1.08 0.00	38.97 1.06 0.00	43.51 1.31 0.00	45.33 1.45 0.00	45.54 1.67 0.00	45.05 1.68 -0.15	44.79 1.50 -0.36	47.30 1.62 -0.56	50.30 1.54 -0.69	54.74 1.63 -0.60	58.59 1.69 -0.53	59.54 1.84 -0.34	72.46 2.29 -0.57	79.90 2.92 -0.02	77.74 2.34 0.00	73.88 1.94 0.00	66.49 1.62 0.00	58.39 1.14 0.00	49.36 1.02 0.00	45.15 0.93 0.00

DANSKAMMER___4 23591	46.40 1.31 0.00	43.10 1.30 0.00	38.93 1.17 0.00	36.93 1.14 0.00	37.28 1.08 0.00	38.97 1.06 0.00	43.51 1.31 0.00	45.33 1.45 0.00	45.54 1.67 0.00	45.05 1.68 -0.15	44.79 1.50 -0.36	47.30 1.62 -0.56	50.30 1.54 -0.69	54.74 1.63 -0.60	58.59 1.69 -0.53	59.54 1.84 -0.34	72.46 2.29 -0.57	79.90 2.92 -0.02	77.74 2.34 0.00	73.88 1.94 0.00	66.49 1.62 0.00	58.39 1.14 0.00	49.36 1.02 0.00	45.15 0.93 0.00
DANSKAMMER___DIESEL 23592	46.58 1.49 0.00	43.14 1.34 0.00	38.93 1.17 0.00	36.93 1.15 0.00	37.28 1.09 0.00	39.01 1.10 0.00	43.51 1.31 0.00	45.38 1.49 0.00	45.54 1.67 0.00	45.09 1.73 -0.15	44.83 1.55 -0.36	47.30 1.62 -0.56	50.30 1.54 -0.69	54.74 1.63 -0.60	58.71 1.80 -0.53	59.48 1.78 -0.34	72.47 2.30 -0.57	79.74 2.77 -0.02	77.74 2.34 0.00	73.88 1.94 0.00	66.49 1.62 0.00	58.39 1.14 0.00	49.46 1.11 0.00	45.24 1.02 0.00
DARBY___SOLAR 323810	46.63 1.53 0.00	43.23 1.42 0.00	39.08 1.32 0.00	37.07 1.29 0.00	37.53 1.34 0.00	39.23 1.33 0.00	43.64 1.44 0.00	45.33 1.45 0.00	45.14 1.27 0.00	44.05 1.04 0.20	43.32 0.86 0.46	45.31 0.90 0.72	48.01 0.82 0.89	52.58 0.84 0.77	56.36 0.68 0.69	57.85 0.92 0.43	70.13 1.25 0.73	78.63 1.69 0.02	77.29 1.89 0.00	74.09 2.16 0.00	67.08 2.21 0.00	59.13 1.89 0.00	49.70 1.35 0.00	45.46 1.24 0.00
DASHVILLE___HYD 23610	46.21 1.26 0.15	42.64 0.84 0.00	38.51 0.76 0.00	36.57 0.79 0.00	36.95 0.76 0.00	38.55 0.64 0.00	42.96 0.76 0.00	45.10 1.27 0.06	45.25 1.45 0.06	44.81 1.51 -0.09	44.43 1.29 -0.21	46.81 1.35 -0.33	49.55 1.25 -0.23	53.63 1.31 0.19	57.23 1.41 0.55	57.99 1.38 0.76	69.86 1.88 1.63	76.66 2.31 2.61	74.88 1.96 2.48	73.44 1.51 0.01	65.71 0.84 0.01	58.16 0.92 0.01	49.04 0.92 0.23	44.71 0.49 0.00
DELAWARE___LFGE 323621	46.17 1.08 0.00	42.77 0.96 0.00	38.51 0.76 0.00	36.46 0.68 0.00	36.88 0.69 0.00	38.74 0.83 0.00	43.22 1.01 0.00	44.94 1.05 0.00	44.88 1.01 0.00	44.25 1.04 0.00	44.04 1.12 0.00	46.39 1.26 0.00	49.42 1.35 0.00	54.04 1.52 0.00	58.06 1.69 0.00	59.09 1.72 0.00	71.76 2.16 0.00	79.42 2.46 0.00	77.74 2.34 0.00	74.09 2.16 0.00	66.69 1.82 0.00	58.74 1.49 0.00	49.55 1.21 0.00	45.28 1.06 0.00
DERFIELD_115KV_TB7 355931	45.09 0.00 0.00	41.81 0.00 0.00	37.76 0.00 0.00	35.78 0.00 0.00	36.19 0.00 0.00	37.91 0.00 0.00	42.20 0.00 0.00	43.89 0.00 0.00	43.87 0.00 0.00	43.21 0.00 0.00	42.93 0.00 0.00	45.17 0.05 0.00	48.08 0.00 0.00	52.51 0.00 0.00	56.37 0.00 0.00	57.37 0.00 0.00	69.60 0.00 0.00	76.96 0.00 0.00	75.40 0.00 0.00	71.94 0.00 0.00	64.87 0.00 0.00	57.25 0.00 0.00	48.30 -0.05 0.00	44.18 -0.04 0.00
DOGLEVILLE___HYD 23807	44.05 -1.04 0.00	40.76 -1.05 0.00	36.77 -0.98 0.00	34.85 -0.93 0.00	35.32 -0.87 0.00	37.04 -0.87 0.00	41.32 -0.89 0.00	42.96 -0.92 0.00	43.04 -0.83 0.00	42.43 -0.78 0.00	42.20 -0.73 0.00	44.40 -0.72 0.00	47.26 -0.82 0.00	51.62 -0.89 0.00	55.41 -0.96 0.00	56.39 -0.98 0.00	68.21 -1.39 0.00	75.42 -1.54 0.00	73.90 -1.51 0.00	70.50 -1.44 0.00	63.64 -1.23 0.00	56.27 -0.97 0.00	47.47 -0.87 0.00	43.29 -0.93 0.00
DUNKIRK___115KV_TB_200 55889	47.80 2.71 0.00	44.31 2.51 0.00	39.42 1.66 0.00	36.86 1.07 0.00	37.21 1.01 0.00	39.50 1.59 0.00	43.77 1.56 0.00	44.94 1.05 0.00	44.44 0.57 0.00	44.08 0.86 0.00	44.82 1.89 0.00	47.60 2.48 0.00	51.39 3.32 0.00	56.50 3.99 0.00	60.37 4.00 0.00	61.44 4.07 0.00	75.10 5.50 0.00	83.04 6.08 0.00	81.66 6.26 0.00	77.86 5.90 -0.02	69.93 5.06 0.00	61.37 4.12 0.00	51.73 3.38 0.00	47.84 3.58 -0.04
DUNKIRK___1 23563	47.80 2.71 0.00	44.31 2.51 0.00	39.42 1.66 0.00	36.86 1.07 0.00	37.21 1.01 0.00	39.50 1.59 0.00	43.77 1.56 0.00	44.94 1.05 0.00	44.44 0.57 0.00	44.08 0.86 0.00	44.82 1.89 0.00	47.60 2.48 0.00	51.39 3.32 0.00	56.50 3.99 0.00	60.37 4.00 0.00	61.44 4.07 0.00	75.10 5.50 0.00	83.04 6.08 0.00	81.66 6.26 0.00	77.86 5.90 -0.02	69.93 5.06 0.00	61.37 4.12 0.00	51.73 3.38 0.00	47.84 3.58 -0.04
DUNKIRK___2 23564	47.80 2.71 0.00	44.31 2.51 0.00	39.42 1.66 0.00	36.86 1.07 0.00	37.21 1.01 0.00	39.50 1.59 0.00	43.77 1.56 0.00	44.94 1.05 0.00	44.44 0.57 0.00	44.08 0.86 0.00	44.82 1.89 0.00	47.60 2.48 0.00	51.39 3.32 0.00	56.50 3.99 0.00	60.37 4.00 0.00	61.44 4.07 0.00	75.10 5.50 0.00	83.04 6.08 0.00	81.66 6.26 0.00	77.86 5.90 -0.02	69.93 5.06 0.00	61.37 4.12 0.00	51.73 3.38 0.00	47.84 3.58 -0.04
DUNKIRK___3 23565	47.57 2.48 0.00	44.10 2.30 0.00	39.23 1.47 0.00	36.71 0.93 0.00	37.06 0.87 0.00	39.31 1.40 0.00	43.56 1.35 0.00	44.72 0.83 0.00	44.22 0.35 0.00	43.86 0.65 0.00	44.60 1.67 0.00	47.33 2.21 0.00	51.11 3.03 0.00	56.19 3.68 0.00	60.04 3.66 0.00	61.10 3.73 0.00	74.68 5.08 0.00	82.57 5.62 0.00	81.21 5.81 0.00	77.35 5.40 -0.02	69.48 4.61 0.00	61.03 3.78 0.00	51.49 3.14 0.00	47.62 3.36 -0.04
DUNKIRK___4 23566	47.57 2.48 0.00	44.10 2.30 0.00	39.23 1.47 0.00	36.71 0.93 0.00	37.06 0.87 0.00	39.31 1.40 0.00	43.56 1.35 0.00	44.72 0.83 0.00	44.22 0.35 0.00	43.86 0.65 0.00	44.60 1.67 0.00	47.33 2.21 0.00	51.11 3.03 0.00	56.19 3.68 0.00	60.04 3.66 0.00	61.10 3.73 0.00	74.68 5.08 0.00	82.57 5.62 0.00	81.21 5.81 0.00	77.35 5.40 -0.02	69.48 4.61 0.00	61.03 3.78 0.00	51.49 3.14 0.00	47.62 3.36 -0.04
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	46.44 1.35 0.00	43.02 1.21 0.00	38.78 1.02 0.00	36.78 1.00 0.00	37.13 0.94 0.00	38.85 0.95 0.00	43.43 1.22 0.00	45.33 1.45 0.00	45.67 1.80 0.00	45.31 1.90 -0.19	45.05 1.67 -0.45	47.63 1.80 -0.70	50.53 1.59 -0.87	54.79 1.52 -0.76	58.62 1.58 -0.67	59.29 1.49 -0.43	72.27 1.95 -0.72	79.44 2.46 -0.02	77.29 1.89 0.00	73.37 1.44 0.00	65.84 0.97 0.00	57.93 0.69 0.00	49.21 0.87 0.00	45.06 0.84 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	46.22 1.13 0.00	42.81 1.00 0.00	38.66 0.91 0.00	36.68 0.89 0.00	37.03 0.83 0.00	38.74 0.83 0.00	43.22 1.01 0.00	45.03 1.14 0.00	45.23 1.36 0.00	44.79 1.43 -0.15	44.53 1.24 -0.36	47.03 1.35 -0.56	49.97 1.20 -0.69	54.37 1.26 -0.60	58.26 1.35 -0.53	59.02 1.32 -0.34	71.91 1.74 -0.57	79.13 2.15 -0.02	77.14 1.73 0.00	73.37 1.44 0.00	65.97 1.10 0.00	57.99 0.74 0.00	49.12 0.77 0.00	44.93 0.71 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	46.95 1.85 -0.01	43.49 1.67 -0.01	39.16 1.40 -0.01	37.15 1.36 -0.01	37.50 1.30 -0.01	39.12 1.21 0.00	43.81 1.60 0.00	45.51 1.62 0.00	45.71 1.84 0.00	45.48 2.07 -0.19	45.18 1.80 -0.45	47.63 1.80 -0.70	50.15 1.20 -0.87	54.43 1.16 -0.76	58.29 1.24 -0.67	59.11 1.32 -0.43	72.06 1.74 -0.72	79.21 2.23 -0.02	76.99 1.58 0.00	73.01 1.08 0.01	65.58 0.71 0.01	57.71 0.46 0.00	49.56 1.21 -0.01	45.60 1.37 -0.01

E179THST_13_KV_LOAD 356214	47.22 2.12 -0.01	43.74 1.92 -0.01	39.39 1.62 -0.01	37.37 1.57 -0.01	37.68 1.48 -0.01	39.31 1.40 0.00	44.06 1.86 0.00	45.77 1.89 0.00	45.98 2.11 0.00	45.78 2.38 -0.19	45.44 2.06 -0.45	47.95 2.12 -0.70	50.48 1.54 -0.87	54.79 1.52 -0.76	58.68 1.63 -0.67	59.51 1.72 -0.43	72.62 2.30 -0.72	79.82 2.85 -0.02	77.59 2.19 0.00	73.51 1.58 0.01	66.03 1.17 0.01	58.11 0.86 0.00	49.85 1.50 -0.01	45.87 1.64 -0.01
EAST HAMPTON___GT 23717	45.95 0.85 0.00	44.23 2.42 0.00	39.79 2.04 0.00	37.71 1.93 0.00	37.93 1.74 0.00	39.69 1.78 0.00	44.11 1.90 0.00	45.55 1.67 0.00	45.93 2.06 0.00	46.04 2.64 -0.19	45.61 2.49 -0.19	48.41 2.80 -0.49	47.46 2.64 3.26	48.27 2.42 6.66	49.75 2.31 8.94	60.13 2.35 -0.41	73.16 2.85 -0.70	64.07 3.54 16.42	56.60 2.64 21.44	47.63 2.09 26.40	45.80 0.78 19.85	45.09 0.57 12.73	44.30 0.63 4.67	43.41 0.62 1.43
EAST RIVER___6 23660	46.44 1.35 0.00	43.10 1.30 0.00	38.85 1.10 0.00	36.86 1.07 0.00	37.20 1.01 0.00	38.82 0.91 0.00	43.56 1.35 0.00	45.51 1.62 0.00	45.85 1.98 0.00	45.52 2.12 -0.19	45.27 1.89 -0.45	47.86 2.03 -0.70	50.67 1.73 -0.87	54.95 1.68 -0.76	58.68 1.64 -0.67	59.51 1.72 -0.43	72.41 2.09 -0.72	79.74 2.77 -0.02	77.29 1.89 0.00	73.30 1.36 0.00	65.84 0.97 0.00	57.88 0.63 0.00	49.26 0.92 0.00	45.11 0.88 0.00
EAST RIVER___7 23524	46.44 1.35 0.00	43.10 1.30 0.00	38.85 1.10 0.00	36.86 1.07 0.00	37.20 1.01 0.00	38.82 0.91 0.00	43.56 1.35 0.00	45.51 1.62 0.00	45.85 1.98 0.00	45.52 2.12 -0.19	45.27 1.89 -0.45	47.86 2.03 -0.70	50.67 1.73 -0.87	54.95 1.68 -0.76	58.68 1.64 -0.67	59.51 1.72 -0.43	72.41 2.09 -0.72	79.74 2.77 -0.02	77.29 1.89 0.00	73.30 1.36 0.00	65.84 0.97 0.00	57.88 0.63 0.00	49.26 0.92 0.00	45.11 0.88 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	46.31 1.22 0.00	42.93 1.13 0.00	38.74 0.98 0.00	36.71 0.93 0.00	37.10 0.90 0.00	38.78 0.87 0.00	43.34 1.14 0.00	45.20 1.32 0.00	45.54 1.67 0.00	45.18 1.77 -0.19	44.92 1.55 -0.45	47.49 1.67 -0.70	50.39 1.44 -0.87	54.69 1.42 -0.76	58.51 1.47 -0.67	59.17 1.38 -0.42	72.13 1.81 -0.72	79.29 2.31 -0.02	77.14 1.73 0.00	73.23 1.29 0.00	65.78 0.91 0.00	57.82 0.57 0.00	49.12 0.77 0.00	44.97 0.75 0.00
EAST_HAMPTON___DIESEL 23722	45.95 0.85 0.00	44.23 2.42 0.00	39.79 2.04 0.00	37.71 1.93 0.00	37.93 1.74 0.00	39.69 1.78 0.00	44.11 1.90 0.00	45.51 1.62 0.00	45.93 2.06 0.00	46.00 2.59 -0.19	45.56 2.45 -0.19	48.41 2.80 -0.49	47.46 2.64 3.26	48.22 2.37 6.66	49.69 2.26 8.94	60.08 2.30 -0.41	73.09 2.79 -0.70	63.91 3.38 16.42	56.53 2.57 21.44	47.55 2.01 26.40	45.73 0.71 19.85	45.03 0.51 12.73	44.25 0.58 4.67	43.41 0.62 1.43
EAST_POINT___SOLAR 323840	49.06 3.97 0.00	45.44 3.64 0.00	40.89 3.13 0.00	38.72 2.93 0.00	39.31 3.11 0.00	41.28 3.37 0.00	45.79 3.59 0.00	46.83 2.94 0.00	46.19 2.32 0.00	45.13 2.03 0.11	44.98 2.32 0.26	47.01 2.30 0.41	49.93 2.36 0.51	54.64 2.57 0.44	58.69 2.71 0.39	60.27 3.15 0.25	72.94 3.76 0.42	81.25 4.31 0.01	81.06 5.66 0.00	78.19 6.26 0.00	71.42 6.55 0.00	63.03 5.78 0.00	52.79 4.44 0.00	48.16 3.93 0.00
EAST_PULASKI___ESR 323781	45.36 0.27 0.00	42.02 0.21 0.00	37.79 0.04 0.00	35.75 -0.04 0.00	36.23 0.04 0.00	38.06 0.15 0.00	42.46 0.25 0.00	44.20 0.31 0.00	44.05 0.18 0.00	43.30 0.09 0.00	43.10 0.17 0.00	45.17 0.05 0.00	48.17 0.10 0.00	52.72 0.21 0.00	56.66 0.28 0.00	57.60 0.23 0.00	69.74 0.14 0.00	77.42 0.46 0.00	75.86 0.46 0.00	72.58 0.65 0.00	65.52 0.65 0.00	58.19 0.57 -0.37	49.65 0.43 -0.88	44.40 0.18 0.00
EAST_RIVER___1 323558	46.49 1.40 0.00	43.14 1.34 0.00	38.93 1.17 0.00	36.89 1.11 0.00	37.24 1.05 0.00	38.89 0.98 0.00	43.64 1.44 0.00	45.60 1.71 0.00	45.93 2.06 0.00	45.61 2.20 -0.19	45.31 1.93 -0.45	47.90 2.08 -0.70	50.77 1.83 -0.87	55.00 1.73 -0.76	58.79 1.75 -0.67	59.57 1.78 -0.43	72.55 2.23 -0.72	79.90 2.92 -0.02	77.44 2.04 0.00	73.45 1.51 0.00	65.90 1.03 0.00	57.94 0.69 0.00	49.31 0.97 0.00	45.15 0.93 0.00
EAST_RIVER___2 323559	46.44 1.35 0.00	43.10 1.30 0.00	38.85 1.10 0.00	36.86 1.07 0.00	37.20 1.01 0.00	38.82 0.91 0.00	43.56 1.35 0.00	45.51 1.62 0.00	45.85 1.98 0.00	45.52 2.12 -0.19	45.27 1.89 -0.45	47.86 2.03 -0.70	50.67 1.73 -0.87	54.95 1.68 -0.76	58.68 1.64 -0.67	59.51 1.72 -0.43	72.41 2.09 -0.72	79.74 2.77 -0.02	77.29 1.89 0.00	73.30 1.36 0.00	65.84 0.97 0.00	57.88 0.63 0.00	49.26 0.92 0.00	45.11 0.88 0.00
EAST___DELAWARE_HYD 23607	46.08 1.04 0.05	42.81 1.00 0.00	38.62 0.87 0.00	36.61 0.82 0.00	36.99 0.80 0.00	38.70 0.80 0.00	43.22 1.01 0.00	45.01 1.14 0.02	45.12 1.27 0.02	44.63 1.30 -0.12	44.33 1.11 -0.29	46.83 1.26 -0.44	49.77 1.20 -0.49	54.13 1.31 -0.30	57.98 1.46 -0.15	58.88 1.55 0.04	71.44 2.02 0.18	78.82 2.69 0.83	76.86 2.26 0.80	73.88 1.94 0.00	66.42 1.55 0.00	58.33 1.08 0.00	49.24 0.97 0.07	44.97 0.75 0.00
EIGHT_POINT___WT_PWR 323820	47.48 2.39 0.00	43.85 2.05 0.00	39.04 1.28 0.00	36.68 0.89 0.00	37.06 0.87 0.00	39.31 1.40 0.00	43.77 1.56 0.00	45.03 1.14 0.00	44.40 0.53 0.00	43.90 0.69 0.00	44.13 1.20 0.00	46.70 1.58 0.00	50.19 2.11 0.00	55.24 2.73 0.00	59.30 2.93 0.00	60.23 2.87 0.00	73.36 3.76 0.00	81.57 4.62 0.00	80.23 4.83 0.00	76.77 4.82 -0.01	69.08 4.21 0.00	60.80 3.55 0.00	51.29 2.95 0.00	47.60 3.36 -0.02
ELBRIDGE_115KV_TB2 80188	45.05 -0.05 0.00	41.68 -0.13 0.00	37.49 -0.26 0.00	35.46 -0.32 0.00	35.87 -0.33 0.00	37.64 -0.27 0.00	42.08 -0.13 0.00	43.75 -0.13 0.00	43.65 -0.22 0.00	43.00 -0.22 0.00	42.88 -0.04 0.00	45.12 0.00 0.00	48.22 0.14 0.00	52.83 0.32 0.00	56.77 0.39 0.00	57.77 0.40 0.00	70.16 0.56 0.00	77.57 0.62 0.00	76.08 0.68 0.00	72.58 0.65 0.00	65.39 0.52 0.00	57.59 0.34 0.00	48.54 0.19 0.00	44.31 0.09 0.00
ELEC_TRO_TEK 24086	46.17 1.08 0.00	43.14 1.34 0.00	38.78 1.02 0.00	36.75 0.97 0.00	37.06 0.87 0.00	38.78 0.87 0.00	43.30 1.10 0.00	44.90 1.01 0.00	45.27 1.40 0.00	45.13 1.73 -0.19	44.52 1.20 -0.39	47.08 1.31 -0.65	48.99 1.01 0.10	52.48 0.95 0.98	55.75 0.96 1.58	58.65 0.86 -0.42	71.50 1.18 -0.71	74.67 1.54 3.83	71.29 0.90 5.02	66.22 0.43 6.15	60.35 0.13 4.65	54.21 -0.06 2.98	47.39 0.15 1.10	44.02 0.13 0.34
ELLENBURG_WT_PWR 323604	45.23 0.14 0.00	41.97 0.17 0.00	37.98 0.23 0.00	36.03 0.25 0.00	36.48 0.29 0.00	38.14 0.23 0.00	42.50 0.30 0.00	44.15 0.26 0.00	44.18 0.31 0.00	43.47 0.26 0.00	43.06 0.13 0.00	44.99 -0.13 0.00	48.12 0.05 0.00	52.51 0.00 0.00	56.43 0.06 0.00	57.37 0.00 0.00	69.53 -0.07 0.00	76.88 -0.08 0.00	75.33 -0.08 0.00	72.01 0.07 0.00	64.93 0.06 0.00	57.48 0.23 0.00	48.01 0.29 0.63	44.62 0.40 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	47.53 2.43 0.00	44.06 2.26 0.00	39.19 1.43 0.00	36.68 0.89 0.00	37.06 0.87 0.00	39.27 1.36 0.00	43.43 1.22 0.00	44.59 0.70 0.00	44.05 0.18 0.00	43.64 0.43 0.00	44.43 1.50 0.00	47.15 2.03 0.00	50.87 2.79 0.00	55.82 3.31 0.00	59.64 3.27 0.00	60.70 3.33 0.00	74.20 4.59 0.00	81.81 4.85 0.00	80.46 5.05 0.00	76.63 4.68 -0.02	68.96 4.09 0.00	60.57 3.32 0.00	51.20 2.85 0.00	47.40 3.14 -0.04
EMPIRE_CC_1 323656	44.91 -0.18 0.00	41.72 -0.08 0.00	37.76 0.00 0.00	35.89 0.11 0.00	36.27 0.07 0.00	37.91 0.00 0.00	42.16 -0.04 0.00	43.80 -0.09 0.00	43.83 -0.04 0.00	42.74 -0.17 0.30	41.93 -0.30 0.70	43.77 -0.27 1.09	46.25 -0.48 1.34	50.66 -0.68 1.17	54.49 -0.84 1.04	55.85 -0.86 0.66	67.45 -1.04 1.11	76.01 -0.92 0.03	74.42 -0.98 0.00	70.93 -1.01 0.00	64.02 -0.85 0.00	56.45 -0.80 0.00	47.67 -0.68 0.00	43.74 -0.49 0.00
EMPIRE_CC_2 323658	44.91 -0.18 0.00	41.72 -0.08 0.00	37.76 0.00 0.00	35.89 0.11 0.00	36.27 0.07 0.00	37.91 0.00 0.00	42.16 -0.04 0.00	43.80 -0.09 0.00	43.83 -0.04 0.00	42.74 -0.17 0.30	41.93 -0.30 0.70	43.77 -0.27 1.09	46.25 -0.48 1.34	50.66 -0.68 1.17	54.49 -0.84 1.04	55.85 -0.86 0.66	67.45 -1.04 1.11	76.01 -0.92 0.03	74.42 -0.98 0.00	70.93 -1.01 0.00	64.02 -0.85 0.00	56.45 -0.80 0.00	47.67 -0.68 0.00	43.74 -0.49 0.00
ENORWICH_115KV_TB1 80156	48.70 3.61 0.00	45.11 3.30 0.00	40.40 2.64 0.00	38.18 2.40 0.00	38.73 2.53 0.00	40.86 2.96 0.00	45.83 3.63 0.00	47.53 3.64 0.00	47.07 3.20 0.00	46.06 2.85 0.00	45.97 3.05 0.00	48.51 3.38 0.00	51.87 3.80 0.00	56.92 4.41 0.00	61.28 4.90 0.00	62.53 5.16 0.00	76.15 6.54 0.00	84.58 7.62 0.00	83.17 7.77 0.00	79.49 7.55 0.00	71.62 6.75 0.00	63.03 5.78 0.00	52.79 4.45 0.00	47.89 3.67 0.00
ERIE_ST__34_KV_TB1-2 80199	48.47 3.38 0.00	44.86 3.05 0.00	39.83 2.08 0.00	37.29 1.50 0.00	37.64 1.45 0.00	39.92 2.01 0.00	44.23 2.03 0.00	45.47 1.58 0.00	45.06 1.18 0.00	44.68 1.47 0.00	45.54 2.62 0.00	48.46 3.34 0.00	52.31 4.23 0.00	57.55 5.04 0.00	61.56 5.19 0.00	62.70 5.34 0.00	76.77 7.17 0.00	84.50 7.54 0.00	83.17 7.77 0.00	79.08 7.12 -0.02	71.10 6.23 0.00	62.34 5.10 0.00	52.60 4.25 0.00	48.60 4.33 -0.04
ERIE_WT_PWR 323693	48.20 3.11 0.00	44.56 2.76 0.00	39.53 1.77 0.00	37.03 1.25 0.00	37.35 1.16 0.00	39.76 1.86 0.00	43.81 1.60 0.00	44.98 1.10 0.00	44.53 0.66 0.00	44.51 1.30 0.00	45.03 2.10 0.00	47.78 2.66 0.00	51.39 3.31 0.00	56.45 3.94 0.00	60.48 4.11 0.00	61.38 4.01 0.00	75.04 5.43 0.00	82.88 5.93 0.00	81.36 5.96 0.00	77.50 5.54 -0.02	69.74 4.87 0.00	61.48 4.24 0.00	52.21 3.87 0.00	47.98 3.72 -0.04
ESPRGFLD_115KV_TB1 80157	48.25 3.16 0.00	44.65 2.84 0.00	40.13 2.38 0.00	37.97 2.18 0.00	38.47 2.28 0.00	40.48 2.58 0.00	45.20 3.00 0.00	46.83 2.94 0.00	46.50 2.63 0.00	45.65 2.51 0.07	45.43 2.66 0.16	47.72 2.84 0.24	50.86 3.08 0.30	55.72 3.47 0.26	59.86 3.72 0.23	61.18 3.96 0.15	74.23 4.87 0.25	82.49 5.54 0.01	81.28 5.88 0.00	77.69 5.75 0.00	70.19 5.32 0.00	61.94 4.69 0.00	52.07 3.72 0.00	47.36 3.14 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	46.26 1.17 0.00	42.81 1.00 0.00	38.47 0.72 0.00	36.36 0.57 0.00	36.77 0.58 0.00	38.67 0.76 0.00	43.26 1.06 0.00	44.94 1.05 0.00	44.70 0.83 0.00	43.90 0.69 0.00	43.78 0.86 0.00	46.12 0.99 0.00	49.33 1.25 0.00	54.09 1.58 0.00	58.12 1.75 0.00	59.20 1.84 0.00	72.04 2.44 0.00	79.96 3.00 0.00	78.49 3.09 0.00	75.03 3.09 0.00	67.53 2.66 0.00	59.48 2.23 0.00	50.04 1.69 0.00	45.64 1.42 0.00
ETNA____115KV_TB2 80207	46.26 1.17 0.00	42.81 1.00 0.00	38.47 0.72 0.00	36.36 0.57 0.00	36.77 0.58 0.00	38.67 0.76 0.00	43.26 1.06 0.00	44.94 1.05 0.00	44.70 0.83 0.00	43.90 0.69 0.00	43.78 0.86 0.00	46.12 0.99 0.00	49.33 1.25 0.00	54.09 1.58 0.00	58.12 1.75 0.00	59.20 1.84 0.00	72.04 2.44 0.00	79.96 3.00 0.00	78.49 3.09 0.00	75.03 3.09 0.00	67.53 2.66 0.00	59.48 2.23 0.00	50.04 1.69 0.00	45.64 1.42 0.00
EUCLID__115KV_TB2 356179	44.64 -0.45 0.00	41.35 -0.46 0.00	37.19 -0.57 0.00	35.21 -0.57 0.00	35.58 -0.62 0.00	37.38 -0.53 0.00	41.74 -0.46 0.00	43.45 -0.44 0.00	43.34 -0.53 0.00	42.74 -0.48 0.00	42.63 -0.30 0.00	44.85 -0.27 0.00	47.93 -0.14 0.00	52.46 -0.05 0.00	56.37 0.00 0.00	57.37 0.00 0.00	69.60 0.00 0.00	76.88 -0.08 0.00	75.33 -0.08 0.00	71.86 -0.07 0.00	64.74 -0.13 0.00	57.08 -0.17 0.00	48.16 -0.29 -0.11	43.91 -0.31 0.00
E_CANADA_CAP_HY 24051	48.97 3.88 0.00	45.36 3.55 0.00	40.81 3.06 0.00	38.65 2.86 0.00	39.20 3.00 0.00	41.17 3.26 0.00	45.84 3.63 0.00	47.22 3.33 0.00	46.72 2.85 0.00	45.70 2.59 0.10	45.35 2.66 0.24	47.51 2.75 0.37	50.51 2.88 0.45	55.27 3.15 0.40	59.35 3.33 0.35	60.87 3.73 0.22	73.69 4.46 0.37	82.33 5.39 0.01	81.51 6.10 0.00	78.27 6.33 0.00	70.97 6.10 0.00	62.80 5.55 0.00	52.64 4.30 0.00	48.07 3.85 0.00
E_CANADA_MHWK_HY 24050	44.01 -1.08 0.00	40.76 -1.04 0.00	36.77 -0.98 0.00	34.85 -0.93 0.00	35.32 -0.87 0.00	37.04 -0.87 0.00	41.32 -0.89 0.00	42.96 -0.92 0.00	43.04 -0.83 0.00	42.39 -0.82 0.00	42.20 -0.73 0.00	44.40 -0.72 0.00	47.26 -0.82 0.00	51.62 -0.89 0.00	55.41 -0.96 0.00	56.39 -0.98 0.00	68.21 -1.39 0.00	75.49 -1.46 0.00	73.90 -1.51 0.00	70.50 -1.44 0.00	63.64 -1.23 0.00	56.27 -0.97 0.00	47.42 -0.92 0.00	43.25 -0.97 0.00
E_FISHKILL__LBMP 23776	45.99 0.90 0.00	42.64 0.84 0.00	38.47 0.72 0.00	36.53 0.75 0.00	36.88 0.69 0.00	38.55 0.64 0.00	43.01 0.80 0.00	44.85 0.97 0.00	45.10 1.23 0.00	44.70 1.30 -0.20	44.46 1.07 -0.46	47.02 1.17 -0.72	49.88 0.91 -0.89	54.13 0.84 -0.78	57.91 0.85 -0.69	58.61 0.80 -0.44	71.38 1.04 -0.73	78.36 1.39 -0.02	76.38 0.98 0.00	72.58 0.65 0.00	65.26 0.39 0.00	57.48 0.23 0.00	48.73 0.39 0.00	44.71 0.49 0.00
FALCON__SEABRD_CC1 323796	45.18 0.09 0.00	41.97 0.17 0.00	37.98 0.23 0.00	36.00 0.22 0.00	36.45 0.26 0.00	38.14 0.23 0.00	42.50 0.30 0.00	44.11 0.22 0.00	44.18 0.31 0.00	43.47 0.26 0.00	43.01 0.09 0.00	44.72 -0.41 0.00	47.89 -0.19 0.00	52.30 -0.21 0.00	56.20 -0.17 0.00	57.14 -0.23 0.00	69.26 -0.35 0.00	76.65 -0.31 0.00	75.10 -0.30 0.00	71.79 -0.14 0.00	64.81 -0.06 0.00	57.25 0.00 0.00	47.71 0.05 0.68	44.62 0.40 0.00
FALCON__SEABRD_CC2 323797	45.18 0.09 0.00	41.97 0.17 0.00	37.98 0.23 0.00	36.00 0.22 0.00	36.45 0.26 0.00	38.14 0.23 0.00	42.50 0.30 0.00	44.11 0.22 0.00	44.18 0.31 0.00	43.47 0.26 0.00	43.01 0.09 0.00	44.72 -0.41 0.00	47.89 -0.19 0.00	52.30 -0.21 0.00	56.20 -0.17 0.00	57.14 -0.23 0.00	69.26 -0.35 0.00	76.65 -0.31 0.00	75.10 -0.30 0.00	71.79 -0.14 0.00	64.81 -0.06 0.00	57.25 0.00 0.00	47.71 0.05 0.68	44.62 0.40 0.00

FAR ROCKAWAY___4 23548	46.99 1.89 0.00	43.85 2.05 0.00	39.38 1.62 0.00	37.36 1.57 0.00	37.64 1.45 0.00	39.42 1.52 0.00	43.98 1.77 0.00	45.55 1.67 0.00	46.02 2.15 0.00	45.87 2.46 -0.19	45.32 1.97 -0.42	48.01 2.21 -0.68	50.49 1.97 -0.44	54.44 1.94 0.01	58.19 2.14 0.33	59.85 2.07 -0.42	73.03 2.71 -0.71	78.43 3.16 1.68	75.59 2.41 2.22	71.07 1.80 2.66	64.18 1.36 2.06	56.90 0.97 1.32	48.82 0.97 0.49	44.91 0.84 0.15
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	46.67 1.58 0.00	43.19 1.38 0.00	38.93 1.17 0.00	36.89 1.11 0.00	37.24 1.05 0.00	38.97 1.06 0.00	43.64 1.43 0.00	45.64 1.76 0.00	45.98 2.11 0.00	45.69 2.29 -0.19	45.40 2.02 -0.45	47.95 2.12 -0.70	50.77 1.83 -0.87	55.06 1.79 -0.76	58.85 1.80 -0.67	59.51 1.72 -0.43	72.55 2.23 -0.72	79.75 2.77 -0.02	77.44 2.04 0.00	73.45 1.51 0.00	65.97 1.10 0.00	57.99 0.74 0.00	49.41 1.06 0.00	45.28 1.06 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	46.67 1.58 0.00	43.23 1.42 0.00	38.93 1.17 0.00	36.93 1.15 0.00	37.28 1.09 0.00	38.97 1.06 0.00	43.64 1.43 0.00	45.64 1.76 0.00	45.98 2.11 0.00	45.69 2.29 -0.19	45.40 2.02 -0.45	47.99 2.17 -0.70	50.77 1.83 -0.87	55.06 1.79 -0.76	58.91 1.86 -0.67	59.51 1.72 -0.43	72.55 2.23 -0.72	79.75 2.77 -0.02	77.44 2.04 0.00	73.45 1.51 0.00	65.97 1.10 0.00	58.05 0.80 0.00	49.46 1.11 0.00	45.28 1.06 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	46.62 1.53 0.00	43.19 1.38 0.00	38.93 1.17 0.00	36.89 1.11 0.00	37.24 1.05 0.00	38.93 1.02 0.00	43.64 1.43 0.00	45.60 1.71 0.00	45.98 2.11 0.00	45.65 2.25 -0.19	45.35 1.97 -0.45	47.95 2.12 -0.70	50.73 1.78 -0.87	55.00 1.73 -0.76	58.85 1.80 -0.67	59.46 1.66 -0.43	72.48 2.16 -0.72	79.67 2.69 -0.02	77.36 1.96 0.00	73.37 1.44 0.00	65.91 1.04 0.00	57.93 0.69 0.00	49.36 1.02 0.00	45.24 1.02 0.00
FARRAGUT___LBMP 323566	46.58 1.49 0.00	43.14 1.34 0.00	38.89 1.13 0.00	36.86 1.07 0.00	37.21 1.01 0.00	38.89 0.99 0.00	43.60 1.39 0.00	45.55 1.67 0.00	45.89 2.02 0.00	45.61 2.20 -0.19	45.31 1.93 -0.45	47.90 2.08 -0.70	50.68 1.73 -0.87	54.95 1.68 -0.76	58.79 1.75 -0.67	59.40 1.61 -0.43	72.41 2.09 -0.72	79.59 2.62 -0.02	77.29 1.89 0.00	73.30 1.37 0.00	65.84 0.97 0.00	57.88 0.63 0.00	49.36 1.02 0.00	45.19 0.97 0.00
FENNER___WINDPWR 24204	46.22 1.13 0.00	42.81 1.00 0.00	38.51 0.75 0.00	36.43 0.64 0.00	36.88 0.69 0.00	38.78 0.87 0.00	43.30 1.10 0.00	45.07 1.19 0.00	44.92 1.05 0.00	44.16 0.95 0.00	44.00 1.07 0.00	46.34 1.22 0.00	49.47 1.40 0.00	54.14 1.63 0.00	58.23 1.86 0.00	59.26 1.89 0.00	71.90 2.29 0.00	79.57 2.62 0.00	77.97 2.57 0.00	74.45 2.52 0.00	67.14 2.27 0.00	59.25 2.00 0.00	50.04 1.55 -0.15	45.46 1.24 0.00
FIBERTEK___ENERGY 23856	45.18 0.09 0.00	41.85 0.04 0.00	37.64 -0.11 0.00	35.60 -0.18 0.00	35.98 -0.22 0.00	37.79 -0.11 0.00	42.25 0.04 0.00	43.97 0.09 0.00	43.87 0.00 0.00	43.21 0.00 0.00	43.14 0.21 0.00	45.39 0.27 0.00	48.51 0.43 0.00	53.14 0.63 0.00	57.10 0.73 0.00	58.11 0.75 0.00	70.51 0.90 0.00	77.96 1.00 0.00	76.38 0.98 0.00	72.87 0.94 0.00	65.65 0.78 0.00	57.82 0.57 0.00	48.68 0.34 0.00	44.44 0.22 0.00
FITZPATRICK___ 23598	43.97 -1.13 0.00	40.72 -1.09 0.00	36.66 -1.10 0.00	34.71 -1.07 0.00	35.11 -1.08 0.00	36.85 -1.06 0.00	41.07 -1.14 0.00	42.74 -1.14 0.00	42.64 -1.23 0.00	42.05 -1.16 0.00	41.90 -1.03 0.00	44.04 -1.08 0.00	46.97 -1.10 0.00	51.41 -1.11 0.00	55.24 -1.13 0.00	56.22 -1.15 0.00	68.21 -1.39 0.00	75.57 -1.38 0.00	73.97 -1.43 0.00	70.57 -1.37 0.00	63.57 -1.30 0.00	56.04 -1.20 0.00	47.28 -1.06 0.00	43.16 -1.06 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	46.67 1.58 0.00	43.23 1.42 0.00	39.00 1.25 0.00	37.00 1.22 0.00	37.35 1.16 0.00	39.08 1.18 0.00	43.60 1.39 0.00	45.47 1.58 0.00	45.63 1.75 0.00	45.23 1.86 -0.16	44.93 1.63 -0.37	47.45 1.76 -0.57	50.42 1.63 -0.71	54.86 1.73 -0.62	58.84 1.92 -0.55	59.66 1.95 -0.35	72.69 2.51 -0.58	79.97 3.00 -0.02	77.97 2.56 0.00	74.09 2.16 0.00	66.62 1.75 0.00	58.56 1.32 0.00	49.55 1.21 0.00	45.33 1.11 0.00
FORT ORANGE___ 23900	44.72 -0.27 0.10	41.60 -0.21 0.00	37.64 -0.11 0.00	35.75 -0.04 0.00	36.16 -0.04 0.00	37.76 -0.15 0.00	41.99 -0.21 0.00	43.67 -0.17 0.04	43.70 -0.13 0.04	42.77 -0.30 0.15	42.15 -0.43 0.34	44.14 -0.45 0.53	46.68 -0.63 0.78	50.84 -0.74 0.93	54.39 -0.90 1.08	55.55 -0.86 0.96	66.79 -0.97 1.84	74.29 -0.92 1.75	72.93 -0.83 1.64	71.07 -0.86 0.00	64.22 -0.65 0.00	56.62 -0.63 0.00	47.62 -0.58 0.15	43.74 -0.49 0.00
FORT_DRUM_COGEN 23780	47.75 2.66 0.00	44.31 2.51 0.00	39.79 2.04 0.00	37.71 1.93 0.00	38.29 2.10 0.00	40.33 2.43 0.00	45.03 2.83 0.00	46.83 2.94 0.00	46.42 2.54 0.00	45.33 2.12 0.00	45.07 2.15 0.00	47.29 2.17 0.00	50.43 2.36 0.00	55.14 2.63 0.00	59.19 2.82 0.00	60.29 2.93 0.00	72.87 3.27 0.00	80.96 4.00 0.00	79.78 4.37 0.00	76.83 4.89 0.00	69.54 4.67 0.00	62.92 4.47 -1.21	54.65 3.48 -2.82	46.83 2.61 0.00
FOX_HILLS___ESR 323835	46.90 1.80 0.00	43.44 1.63 0.00	39.04 1.28 0.00	37.11 1.32 0.00	37.39 1.19 0.00	38.93 1.02 0.00	43.68 1.48 0.00	45.60 1.71 0.00	45.93 2.06 0.00	45.78 2.38 -0.19	45.48 2.10 -0.45	47.77 1.94 -0.70	49.21 1.15 0.02	50.93 1.00 2.58	52.12 1.18 5.43	51.96 1.09 6.50	56.94 1.60 14.26	64.07 2.08 14.96	64.38 1.36 12.38	52.37 0.79 20.36	63.05 0.52 2.34	51.38 0.17 6.04	49.36 1.02 0.00	45.59 1.37 0.00
FPL_FAR_ROCK_GT1 24212	45.95 0.85 0.00	43.69 1.88 0.00	39.38 1.62 0.00	37.32 1.54 0.00	37.64 1.45 0.00	39.38 1.48 0.00	43.98 1.77 0.00	45.42 1.54 0.00	45.71 1.84 0.00	45.61 2.20 -0.19	45.32 1.98 -0.42	47.96 2.17 -0.68	50.49 1.97 -0.44	54.44 1.94 0.01	58.07 2.03 0.33	59.97 2.18 -0.42	73.03 2.71 -0.71	78.58 3.31 1.68	75.59 2.41 2.22	71.14 1.87 2.66	64.11 1.30 2.06	56.84 0.91 1.32	48.73 0.87 0.49	44.82 0.75 0.15
FPL_FAR_ROCK_GT2 23815	45.95 0.85 0.00	43.69 1.88 0.00	39.38 1.62 0.00	37.32 1.54 0.00	37.64 1.45 0.00	39.38 1.48 0.00	43.98 1.77 0.00	45.42 1.54 0.00	45.71 1.84 0.00	45.61 2.20 -0.19	45.32 1.98 -0.42	47.96 2.17 -0.68	50.49 1.97 -0.44	54.44 1.94 0.01	58.07 2.03 0.33	59.97 2.18 -0.42	73.03 2.71 -0.71	78.58 3.31 1.68	75.59 2.41 2.22	71.14 1.87 2.66	64.11 1.30 2.06	56.84 0.91 1.32	48.73 0.87 0.49	44.82 0.75 0.15
FRANKLIN_FALL_HYD 24054	45.86 0.77 0.00	42.73 0.92 0.00	38.70 0.94 0.00	36.68 0.89 0.00	37.13 0.94 0.00	38.85 0.95 0.00	43.30 1.10 0.00	44.94 1.05 0.00	44.97 1.10 0.00	44.21 0.99 0.00	43.78 0.86 0.00	45.75 0.63 0.00	49.04 0.96 0.00	53.62 1.10 0.00	57.67 1.30 0.00	58.80 1.43 0.00	70.93 1.32 0.00	78.88 1.92 0.00	76.91 1.51 0.00	73.59 1.65 0.00	66.43 1.56 0.00	60.86 1.66 -1.96	60.76 1.50 -10.92	45.42 1.19 0.00



FREEPORT_EQUS_GT1 23764	45.32 0.23 0.00	43.23 1.42 0.00	39.00 1.24 0.00	36.96 1.18 0.00	37.28 1.08 0.00	38.97 1.06 0.00	43.51 1.31 0.00	44.94 1.05 0.00	45.19 1.31 0.00	45.09 1.68 -0.19	44.61 1.37 -0.31	47.19 1.49 -0.58	47.92 1.25 1.41	50.38 1.21 3.34	52.87 1.13 4.63	59.04 1.26 -0.42	71.91 1.60 -0.71	70.05 2.15 9.06	64.85 1.28 11.84	58.25 0.87 14.55	54.30 0.39 10.96	50.27 0.06 7.03	46.01 0.24 2.58	43.65 0.22 0.79
FREEPORT___CT2 23818	45.32 0.23 0.00	43.23 1.42 0.00	39.00 1.24 0.00	36.96 1.18 0.00	37.28 1.08 0.00	38.97 1.06 0.00	43.51 1.31 0.00	44.94 1.05 0.00	45.19 1.31 0.00	45.09 1.68 -0.19	44.61 1.37 -0.31	47.19 1.49 -0.58	47.92 1.25 1.41	50.38 1.21 3.34	52.87 1.13 4.63	59.04 1.26 -0.42	71.91 1.60 -0.71	70.05 2.15 9.06	64.85 1.28 11.84	58.25 0.87 14.55	54.30 0.39 10.96	50.27 0.06 7.03	46.01 0.24 2.58	43.65 0.22 0.79
FRESHKLS_33_KV_LOAD 356253	46.99 1.89 0.00	43.52 1.71 0.00	39.12 1.36 0.00	37.21 1.43 0.00	37.46 1.27 0.00	38.97 1.06 0.00	43.72 1.52 0.00	45.69 1.80 0.00	46.06 2.19 0.00	45.91 2.51 -0.19	45.61 2.23 -0.45	47.81 1.99 -0.70	49.11 1.06 0.02	50.87 0.95 2.58	52.01 1.07 5.43	51.84 0.98 6.50	56.94 1.60 14.26	64.07 2.08 14.96	64.38 1.36 12.38	52.37 0.79 20.36	52.43 0.52 12.96	51.32 0.11 6.04	49.41 1.06 0.00	45.72 1.50 0.00
FULTON COGEN____ 23766	44.55 -0.54 0.00	41.30 -0.50 0.00	37.19 -0.57 0.00	35.21 -0.57 0.00	35.61 -0.58 0.00	37.38 -0.53 0.00	41.74 -0.46 0.00	43.45 -0.44 0.00	43.34 -0.53 0.00	42.69 -0.52 0.00	42.58 -0.34 0.00	44.72 -0.41 0.00	47.74 -0.34 0.00	52.30 -0.21 0.00	56.15 -0.23 0.00	57.20 -0.17 0.00	69.39 -0.21 0.00	76.73 -0.23 0.00	75.25 -0.15 0.00	71.79 -0.14 0.00	64.68 -0.19 0.00	57.02 -0.23 0.00	48.13 -0.34 -0.12	43.82 -0.40 0.00
FULTON___LFGE 323630	48.52 3.43 0.00	44.94 3.14 0.00	40.48 2.72 0.00	38.32 2.54 0.00	38.91 2.72 0.00	40.79 2.88 0.00	45.45 3.25 0.00	46.83 2.94 0.00	46.24 2.37 0.00	45.00 1.90 0.11	44.50 1.84 0.27	46.55 1.85 0.42	49.38 1.83 0.52	54.11 2.05 0.45	58.06 2.09 0.40	59.64 2.52 0.25	72.58 3.41 0.43	81.41 4.46 0.01	80.76 5.35 0.00	77.55 5.61 0.00	70.38 5.51 0.00	62.11 4.86 0.00	52.07 3.72 0.00	47.54 3.32 0.00
G.F.CEMENT___DRP 24184	47.03 1.94 0.00	43.56 1.76 0.00	39.38 1.62 0.00	37.32 1.54 0.00	37.82 1.63 0.00	39.57 1.67 0.00	43.98 1.77 0.00	45.73 1.84 0.00	45.45 1.58 0.00	44.55 1.51 0.18	43.71 1.20 0.42	45.79 1.31 0.64	48.48 1.20 0.80	53.08 1.26 0.69	56.83 1.07 0.62	58.24 1.26 0.39	70.62 1.67 0.66	78.86 1.92 0.02	77.82 2.41 0.00	74.89 2.95 0.00	67.85 2.98 0.00	59.88 2.63 0.00	50.28 1.93 0.00	45.95 1.72 0.00
GARDENVILLE___LBMP 24039	47.66 2.57 0.00	44.19 2.38 0.00	39.30 1.55 0.00	36.78 1.00 0.00	37.13 0.94 0.00	39.35 1.44 0.00	43.56 1.35 0.00	44.72 0.83 0.00	44.22 0.35 0.00	43.82 0.60 0.00	44.56 1.63 0.00	47.33 2.21 0.00	51.06 2.98 0.00	56.08 3.57 0.00	59.92 3.55 0.00	60.92 3.56 0.00	74.55 4.94 0.00	82.19 5.23 0.00	80.83 5.43 0.00	76.99 5.04 -0.02	69.28 4.41 0.00	60.85 3.61 0.00	51.39 3.05 0.00	47.58 3.32 -0.04
GARDNVLA_35_KV_LD 355827	48.11 3.02 0.00	44.56 2.76 0.00	39.61 1.85 0.00	37.07 1.29 0.00	37.42 1.23 0.00	39.65 1.74 0.00	43.94 1.73 0.00	45.11 1.23 0.00	44.62 0.75 0.00	44.21 0.99 0.00	45.03 2.10 0.00	47.83 2.71 0.00	51.63 3.56 0.00	56.66 4.15 0.00	60.60 4.23 0.00	61.61 4.25 0.00	75.31 5.71 0.00	83.04 6.08 0.00	81.66 6.26 0.00	77.71 5.75 -0.02	69.93 5.06 0.00	61.43 4.18 0.00	51.87 3.53 0.00	47.98 3.71 -0.04
GELCKHM___115KV_LOAD 80723	44.82 -0.27 0.00	41.51 -0.29 0.00	37.38 -0.38 0.00	35.35 -0.43 0.00	35.76 -0.43 0.00	37.53 -0.38 0.00	41.91 -0.30 0.00	43.62 -0.26 0.00	43.56 -0.31 0.00	42.91 -0.30 0.00	42.84 -0.09 0.00	45.08 -0.05 0.00	48.12 0.05 0.00	52.72 0.21 0.00	56.65 0.28 0.00	57.65 0.29 0.00	69.95 0.35 0.00	77.34 0.38 0.00	75.78 0.38 0.00	72.30 0.36 0.00	65.06 0.19 0.00	57.36 0.11 0.00	48.30 -0.05 0.00	44.09 -0.13 0.00
GENERAL___MILLS 23808	47.93 2.84 0.00	44.44 2.63 0.00	39.49 1.74 0.00	36.96 1.18 0.00	37.31 1.12 0.00	39.54 1.63 0.00	43.77 1.56 0.00	44.94 1.05 0.00	44.44 0.57 0.00	44.08 0.86 0.00	44.86 1.93 0.00	47.65 2.53 0.00	51.39 3.32 0.00	56.45 3.94 0.00	60.32 3.95 0.00	61.33 3.96 0.00	75.03 5.43 0.00	82.73 5.77 0.00	81.36 5.96 -0.02	77.43 5.47 0.00	69.67 4.80 0.00	61.20 3.95 0.00	51.73 3.38 0.00	47.85 3.58 -0.04
GE_PLASTICS___DRP 24183	42.77 -0.59 1.74	41.30 -0.50 0.00	37.42 -0.34 0.00	35.57 -0.21 0.00	35.94 -0.25 0.00	37.53 -0.38 0.00	41.70 -0.51 0.00	42.68 -0.53 0.68	42.68 -0.44 0.75	42.67 -0.43 0.11	42.10 -0.56 0.27	44.12 -0.59 0.42	44.63 -0.82 2.63	44.63 -1.00 6.88	44.69 -1.13 10.56	44.58 -1.26 11.53	44.63 -1.46 23.51	44.55 -1.62 30.79	44.63 -1.58 29.19	70.29 -1.58 0.06	63.44 -1.36 0.06	55.98 -1.20 0.06	44.73 -0.97 2.65	43.47 -0.75 0.00
GILBOA___1 23756	45.32 0.23 0.00	42.10 0.29 0.00	38.44 0.68 0.00	36.68 0.89 0.00	37.06 0.87 0.00	38.55 0.64 0.00	42.50 0.30 0.00	44.24 0.35 0.00	44.31 0.44 0.00	43.60 0.39 0.00	43.23 0.30 0.00	45.44 0.32 0.00	48.27 0.19 0.00	52.62 0.11 0.00	56.37 0.00 0.00	57.25 -0.11 0.00	69.40 -0.21 0.00	76.57 -0.38 0.00	74.80 -0.61 0.00	71.36 -0.58 0.00	64.55 -0.32 0.00	57.08 -0.17 0.00	48.25 -0.10 0.00	44.22 0.00 0.00
GILBOA___2 23757	45.32 0.23 0.00	42.10 0.29 0.00	38.44 0.68 0.00	36.68 0.89 0.00	37.06 0.87 0.00	38.55 0.64 0.00	42.50 0.30 0.00	44.24 0.35 0.00	44.31 0.44 0.00	43.60 0.39 0.00	43.23 0.30 0.00	45.44 0.32 0.00	48.27 0.19 0.00	52.62 0.11 0.00	56.37 0.00 0.00	57.25 -0.11 0.00	69.40 -0.21 0.00	76.57 -0.38 0.00	74.80 -0.61 0.00	71.36 -0.58 0.00	64.55 -0.32 0.00	57.08 -0.17 0.00	48.25 -0.10 0.00	44.22 0.00 0.00
GILBOA___3 23758	45.32 0.23 0.00	42.10 0.29 0.00	38.44 0.68 0.00	36.68 0.89 0.00	37.06 0.87 0.00	38.55 0.64 0.00	42.50 0.30 0.00	44.24 0.35 0.00	44.31 0.44 0.00	43.60 0.39 0.00	43.23 0.30 0.00	45.44 0.32 0.00	48.27 0.19 0.00	52.62 0.11 0.00	56.37 0.00 0.00	57.25 -0.11 0.00	69.40 -0.21 0.00	76.57 -0.38 0.00	74.80 -0.61 0.00	71.36 -0.58 0.00	64.55 -0.32 0.00	57.08 -0.17 0.00	48.25 -0.10 0.00	44.22 0.00 0.00
GILBOA___4 23759	45.32 0.23 0.00	42.10 0.29 0.00	38.44 0.68 0.00	36.68 0.89 0.00	37.06 0.87 0.00	38.55 0.64 0.00	42.50 0.30 0.00	44.24 0.35 0.00	44.31 0.44 0.00	43.60 0.39 0.00	43.23 0.30 0.00	45.44 0.32 0.00	48.27 0.19 0.00	52.62 0.11 0.00	56.37 0.00 0.00	57.25 -0.11 0.00	69.40 -0.21 0.00	76.57 -0.38 0.00	74.80 -0.61 0.00	71.36 -0.58 0.00	64.55 -0.32 0.00	57.08 -0.17 0.00	48.25 -0.10 0.00	44.22 0.00 0.00

GILBOA____ 23599	45.41 0.32 0.00	42.10 0.29 0.00	38.44 0.68 0.00	36.68 0.89 0.00	37.06 0.87 0.00	38.59 0.68 0.00	42.50 0.30 0.00	44.24 0.35 0.00	44.31 0.44 0.00	43.64 0.43 0.00	43.23 0.30 0.00	45.48 0.36 0.00	48.27 0.19 0.00	52.62 0.11 0.00	56.43 0.06 0.00	57.20 -0.17 0.00	69.39 -0.21 0.00	76.50 -0.46 0.00	74.80 -0.60 0.00	71.36 -0.58 0.00	64.55 -0.32 0.00	57.13 -0.11 0.00	48.30 -0.05 0.00	44.27 0.04 0.00
GINNA____ 23603	44.32 -0.77 0.00	41.01 -0.80 0.00	36.59 -1.17 0.00	34.53 -1.25 0.00	34.96 -1.23 0.00	36.92 -0.99 0.00	41.07 -1.14 0.00	42.74 -1.14 0.00	42.47 -1.41 0.00	42.00 -1.21 0.00	42.24 -0.69 0.00	44.31 -0.81 0.00	47.55 -0.53 0.00	52.15 -0.37 0.00	56.32 -0.06 0.00	57.31 -0.06 0.00	69.74 0.14 0.00	77.27 0.31 0.00	75.55 0.15 0.00	72.01 0.07 0.00	64.81 -0.06 0.00	57.08 -0.17 0.00	48.15 -0.19 0.00	43.60 -0.62 0.01
GLEN PARK____ 23778	48.11 3.02 0.00	44.61 2.80 0.00	40.02 2.27 0.00	37.89 2.11 0.00	38.51 2.32 0.00	40.56 2.65 0.00	45.28 3.08 0.00	47.05 3.16 0.00	46.64 2.77 0.00	45.59 2.38 0.00	45.24 2.32 0.00	47.51 2.39 0.00	50.62 2.55 0.00	55.35 2.83 0.00	59.41 3.04 0.00	60.52 3.15 0.00	73.22 3.62 0.00	81.42 4.46 0.00	80.30 4.90 0.00	77.33 5.40 0.00	70.12 5.25 0.00	63.31 4.92 -1.14	54.93 3.91 -2.67	47.18 2.96 0.00
GLENDALE_27_KV_LOAD 356172	47.03 1.94 0.00	43.56 1.76 0.00	39.19 1.43 0.00	37.18 1.40 0.00	37.53 1.34 0.00	39.16 1.25 0.00	43.94 1.73 0.00	45.86 1.97 0.00	46.20 2.33 0.00	45.95 2.55 -0.19	45.66 2.28 -0.45	48.17 2.35 -0.70	50.73 1.78 -0.87	54.95 1.68 -0.76	58.85 1.80 -0.67	59.46 1.66 -0.43	72.55 2.23 -0.72	79.67 2.69 -0.02	77.36 1.96 0.00	63.68 1.51 9.76	63.63 1.10 2.34	57.99 0.74 0.00	49.70 1.35 0.00	45.64 1.42 0.00
GLENWOOD_IC_1_G5 23712	46.49 1.40 0.00	43.27 1.46 0.00	38.96 1.21 0.00	36.93 1.15 0.00	37.28 1.09 0.00	39.01 1.10 0.00	43.56 1.35 0.00	45.29 1.40 0.00	45.67 1.80 0.00	45.48 2.07 -0.19	45.01 1.72 -0.37	47.65 1.90 -0.63	49.27 1.68 0.49	52.45 1.63 1.69	55.17 1.30 2.50	59.05 1.26 -0.42	71.92 1.60 -0.71	73.55 2.00 5.41	69.60 1.28 7.08	64.02 0.79 8.71	58.77 0.45 6.56	53.44 0.40 4.21	47.48 0.68 1.54	44.41 0.66 0.47
GLENWOOD_IC_2_G1 23688	45.86 0.77 0.00	43.02 1.21 0.00	38.81 1.06 0.00	36.82 1.04 0.00	37.17 0.98 0.00	38.86 0.95 0.00	43.43 1.22 0.00	45.16 1.27 0.00	45.41 1.53 0.00	45.13 1.73 -0.19	44.92 1.54 -0.45	47.50 1.67 -0.70	50.43 1.49 -0.86	54.67 1.42 -0.73	58.37 1.35 -0.64	59.23 1.43 -0.43	72.13 1.81 -0.72	79.31 2.39 0.03	76.92 1.59 0.07	73.26 1.15 -0.18	65.52 0.71 0.06	57.61 0.40 0.04	48.86 0.53 0.02	44.75 0.53 0.00
GLENWOOD_IC_3_G1 23689	45.86 0.77 0.00	43.02 1.21 0.00	38.81 1.06 0.00	36.82 1.04 0.00	37.17 0.98 0.00	38.86 0.95 0.00	43.43 1.22 0.00	45.16 1.27 0.00	45.41 1.53 0.00	45.13 1.73 -0.19	44.92 1.54 -0.45	47.50 1.67 -0.70	50.43 1.49 -0.86	54.67 1.42 -0.73	58.37 1.35 -0.64	59.23 1.43 -0.43	72.13 1.81 -0.72	79.31 2.39 0.03	76.92 1.59 0.07	73.26 1.15 -0.18	65.52 0.71 0.06	57.61 0.40 0.04	48.86 0.53 0.02	44.75 0.53 0.00
GLENWOOD____4 23550	46.49 1.40 0.00	43.27 1.46 0.00	38.96 1.21 0.00	36.93 1.15 0.00	37.28 1.09 0.00	39.01 1.10 0.00	43.56 1.35 0.00	45.29 1.40 0.00	45.67 1.80 0.00	45.48 2.07 -0.19	45.01 1.72 -0.37	47.65 1.90 -0.63	49.27 1.68 0.49	52.45 1.63 1.69	55.34 1.47 2.50	59.16 1.38 -0.42	72.12 1.81 -0.71	73.70 2.15 5.41	69.83 1.51 7.08	64.24 1.01 8.71	58.96 0.65 6.56	53.56 0.52 4.21	47.48 0.68 1.54	44.41 0.66 0.47
GLENWOOD____5 23614	46.49 1.40 0.00	43.27 1.46 0.00	38.96 1.21 0.00	36.93 1.15 0.00	37.28 1.09 0.00	39.01 1.10 0.00	43.56 1.35 0.00	45.29 1.40 0.00	45.67 1.80 0.00	45.48 2.07 -0.19	45.01 1.72 -0.37	47.65 1.90 -0.63	49.27 1.68 0.49	52.45 1.63 1.69	55.34 1.47 2.50	59.16 1.38 -0.42	72.12 1.81 -0.71	73.70 2.15 5.41	69.83 1.51 7.08	64.24 1.01 8.71	58.96 0.65 6.56	53.56 0.52 4.21	47.48 0.68 1.54	44.41 0.66 0.47
GLOBAL GREEN_PORT_GT1 23814	45.86 0.77 0.00	44.15 2.34 0.00	39.72 1.96 0.00	37.68 1.90 0.00	37.89 1.70 0.00	39.65 1.74 0.00	44.11 1.90 0.00	45.51 1.62 0.00	45.89 2.02 0.00	46.00 2.59 -0.19	45.52 2.40 -0.19	48.32 2.71 -0.49	47.42 2.59 3.26	48.27 2.42 6.66	49.86 2.42 8.94	60.24 2.47 -0.41	73.30 2.99 -0.70	64.23 3.69 16.42	56.76 2.79 21.44	47.70 2.16 26.40	45.99 0.97 19.85	45.26 0.74 12.73	44.35 0.68 4.67	43.41 0.62 1.43
GLOBE____DSASP 323697	46.58 1.49 0.00	43.31 1.51 0.00	38.51 0.76 0.00	36.03 0.25 0.00	36.37 0.18 0.00	38.55 0.64 0.00	42.37 0.17 0.00	43.32 -0.57 0.00	42.73 -1.14 0.00	42.35 -0.86 0.00	43.06 0.13 0.00	45.71 0.59 0.00	49.18 1.11 0.00	53.93 1.42 0.00	57.61 1.24 0.00	58.52 1.15 0.00	71.55 1.95 0.00	78.96 2.00 0.00	77.59 2.19 0.00	73.90 1.94 -0.02	66.62 1.75 0.00	58.62 1.37 0.00	49.70 1.35 0.00	46.34 2.08 -0.04
GOETHSLN____LBMP 323567	46.30 1.22 0.01	42.88 1.09 0.01	38.62 0.87 0.01	36.63 0.86 0.01	36.98 0.80 0.01	38.66 0.76 0.01	43.34 1.14 0.01	45.28 1.40 0.01	45.66 1.80 0.01	45.35 1.94 -0.19	45.05 1.67 -0.45	47.63 1.80 -0.70	49.49 1.44 0.03	51.22 1.31 2.60	52.22 1.30 5.45	52.05 1.20 6.52	56.92 1.60 14.28	63.98 2.00 14.98	64.29 1.28 12.39	52.36 0.79 20.37	52.36 0.45 12.97	51.42 0.23 6.06	49.01 0.68 0.01	44.92 0.71 0.01
GOLAH____69_KV_TB 1_2 80279	46.99 1.89 0.00	43.56 1.76 0.00	38.74 0.98 0.00	36.46 0.68 0.00	36.88 0.69 0.00	39.01 1.10 0.00	43.39 1.18 0.00	44.90 1.01 0.00	44.40 0.53 0.00	43.86 0.65 0.00	44.30 1.37 0.00	46.70 1.58 0.00	50.19 2.12 0.00	55.03 2.52 0.00	59.08 2.71 0.00	60.41 3.04 0.00	73.50 3.90 0.00	81.34 4.39 0.00	79.93 4.52 0.00	76.42 4.39 -0.10	68.76 3.89 0.00	60.51 3.26 0.00	51.00 2.66 0.00	46.85 2.52 -0.11
GOODYEAR_LAKE_HYD 323669	46.94 1.85 0.00	43.48 1.67 0.00	39.12 1.36 0.00	37.00 1.22 0.00	37.46 1.27 0.00	39.39 1.48 0.00	43.98 1.77 0.00	45.73 1.84 0.00	45.63 1.75 0.00	44.94 1.73 0.00	44.77 1.85 0.00	47.20 2.08 0.00	50.29 2.21 0.00	55.03 2.52 0.00	59.13 2.76 0.00	60.24 2.87 0.00	73.08 3.48 0.00	80.88 3.92 0.00	79.32 3.92 0.00	75.60 3.67 0.00	68.11 3.24 0.00	60.00 2.75 0.00	50.57 2.22 0.00	46.08 1.86 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	45.81 0.72 0.00	42.39 0.59 0.00	38.10 0.34 0.00	35.93 0.14 0.00	36.34 0.14 0.00	38.25 0.34 0.00	42.67 0.46 0.00	44.28 0.39 0.00	44.13 0.26 0.00	43.51 0.30 0.00	43.44 0.52 0.00	45.84 0.72 0.00	49.09 1.01 0.00	53.83 1.31 0.00	57.78 1.41 0.00	58.80 1.43 0.00	71.48 1.88 0.00	79.19 2.23 0.00	77.59 2.19 0.00	74.02 2.09 0.00	66.56 1.69 0.00	58.62 1.37 0.00	49.41 1.06 0.00	45.29 1.06 -0.01

GOUDEY___7 23579	45.81 <u>0.72</u> 0.00	42.39 <u>0.59</u> 0.00	38.10 <u>0.34</u> 0.00	35.93 <u>0.14</u> 0.00	36.34 <u>0.14</u> 0.00	38.25 <u>0.34</u> 0.00	42.67 <u>0.46</u> 0.00	44.28 <u>0.39</u> 0.00	44.13 <u>0.26</u> 0.00	43.51 <u>0.30</u> 0.00	43.44 <u>0.52</u> 0.00	45.84 <u>0.72</u> 0.00	49.09 <u>1.01</u> 0.00	53.83 <u>1.31</u> 0.00	57.78 <u>1.41</u> 0.00	58.80 <u>1.43</u> 0.00	71.48 <u>1.88</u> 0.00	79.19 <u>2.23</u> 0.00	77.59 <u>2.19</u> 0.00	74.02 <u>2.09</u> 0.00	66.56 <u>1.69</u> 0.00	58.62 <u>1.37</u> 0.00	49.41 <u>1.06</u> 0.00	45.29 <u>1.06</u> -0.01
GOUDEY___8 23580	45.81 <u>0.72</u> 0.00	42.39 <u>0.59</u> 0.00	38.10 <u>0.34</u> 0.00	35.93 <u>0.14</u> 0.00	36.34 <u>0.14</u> 0.00	38.25 <u>0.34</u> 0.00	42.67 <u>0.46</u> 0.00	44.28 <u>0.39</u> 0.00	44.13 <u>0.26</u> 0.00	43.51 <u>0.30</u> 0.00	43.44 <u>0.52</u> 0.00	45.84 <u>0.72</u> 0.00	49.09 <u>1.01</u> 0.00	53.83 <u>1.31</u> 0.00	57.78 <u>1.41</u> 0.00	58.80 <u>1.43</u> 0.00	71.48 <u>1.88</u> 0.00	79.19 <u>2.23</u> 0.00	77.59 <u>2.19</u> 0.00	74.02 <u>2.09</u> 0.00	66.56 <u>1.69</u> 0.00	58.62 <u>1.37</u> 0.00	49.41 <u>1.06</u> 0.00	45.29 <u>1.06</u> -0.01
GOWANUS_GT1_1 24077	46.99 <u>1.89</u> 0.00	43.48 <u>1.67</u> 0.00	39.12 <u>1.36</u> 0.00	37.14 <u>1.36</u> 0.00	37.42 <u>1.23</u> 0.00	39.01 <u>1.10</u> 0.00	43.72 <u>1.52</u> 0.00	45.64 <u>1.76</u> 0.00	45.98 <u>2.11</u> 0.00	45.82 <u>2.42</u> -0.19	45.53 <u>2.15</u> -0.45	47.90 <u>2.08</u> -0.70	50.34 <u>1.39</u> -0.87	54.58 <u>1.31</u> -0.76	58.51 <u>1.47</u> -0.67	59.17 <u>1.38</u> -0.43	72.27 <u>1.95</u> -0.72	79.44 <u>2.46</u> -0.02	77.21 <u>1.81</u> 0.00	63.40 <u>1.22</u> 9.76	63.37 <u>0.84</u> 2.34	57.76 <u>0.52</u> 0.00	49.50 <u>1.16</u> 0.00	45.59 <u>1.37</u> 0.00
GOWANUS_GT1_2 24078	46.99 <u>1.89</u> 0.00	43.48 <u>1.67</u> 0.00	39.12 <u>1.36</u> 0.00	37.14 <u>1.36</u> 0.00	37.42 <u>1.23</u> 0.00	39.01 <u>1.10</u> 0.00	43.72 <u>1.52</u> 0.00	45.64 <u>1.76</u> 0.00	45.98 <u>2.11</u> 0.00	45.82 <u>2.42</u> -0.19	45.53 <u>2.15</u> -0.45	47.90 <u>2.08</u> -0.70	50.34 <u>1.39</u> -0.87	54.58 <u>1.31</u> -0.76	58.51 <u>1.47</u> -0.67	59.17 <u>1.38</u> -0.43	72.27 <u>1.95</u> -0.72	79.44 <u>2.46</u> -0.02	77.21 <u>1.81</u> 0.00	63.40 <u>1.22</u> 9.76	63.37 <u>0.84</u> 2.34	57.76 <u>0.52</u> 0.00	49.50 <u>1.16</u> 0.00	45.59 <u>1.37</u> 0.00
GOWANUS_GT1_3 24079	46.99 <u>1.89</u> 0.00	43.48 <u>1.67</u> 0.00	39.12 <u>1.36</u> 0.00	37.14 <u>1.36</u> 0.00	37.42 <u>1.23</u> 0.00	39.01 <u>1.10</u> 0.00	43.72 <u>1.52</u> 0.00	45.64 <u>1.76</u> 0.00	45.98 <u>2.11</u> 0.00	45.82 <u>2.42</u> -0.19	45.53 <u>2.15</u> -0.45	47.90 <u>2.08</u> -0.70	50.34 <u>1.39</u> -0.87	54.58 <u>1.31</u> -0.76	58.51 <u>1.47</u> -0.67	59.17 <u>1.38</u> -0.43	72.27 <u>1.95</u> -0.72	79.44 <u>2.46</u> -0.02	77.21 <u>1.81</u> 0.00	63.40 <u>1.22</u> 9.76	63.37 <u>0.84</u> 2.34	57.76 <u>0.52</u> 0.00	49.50 <u>1.16</u> 0.00	45.59 <u>1.37</u> 0.00
GOWANUS_GT1_4 24080	46.99 <u>1.89</u> 0.00	43.48 <u>1.67</u> 0.00	39.12 <u>1.36</u> 0.00	37.14 <u>1.36</u> 0.00	37.42 <u>1.23</u> 0.00	39.01 <u>1.10</u> 0.00	43.72 <u>1.52</u> 0.00	45.64 <u>1.76</u> 0.00	45.98 <u>2.11</u> 0.00	45.82 <u>2.42</u> -0.19	45.53 <u>2.15</u> -0.45	47.90 <u>2.08</u> -0.70	50.34 <u>1.39</u> -0.87	54.58 <u>1.31</u> -0.76	58.51 <u>1.47</u> -0.67	59.17 <u>1.38</u> -0.43	72.27 <u>1.95</u> -0.72	79.44 <u>2.46</u> -0.02	77.21 <u>1.81</u> 0.00	63.40 <u>1.22</u> 9.76	63.37 <u>0.84</u> 2.34	57.76 <u>0.52</u> 0.00	49.50 <u>1.16</u> 0.00	45.59 <u>1.37</u> 0.00
GOWANUS_GT1_5 24084	46.99 <u>1.89</u> 0.00	43.48 <u>1.67</u> 0.00	39.12 <u>1.36</u> 0.00	37.14 <u>1.36</u> 0.00	37.42 <u>1.23</u> 0.00	39.01 <u>1.10</u> 0.00	43.72 <u>1.52</u> 0.00	45.64 <u>1.76</u> 0.00	45.98 <u>2.11</u> 0.00	45.82 <u>2.42</u> -0.19	45.53 <u>2.15</u> -0.45	47.90 <u>2.08</u> -0.70	50.34 <u>1.39</u> -0.87	54.58 <u>1.31</u> -0.76	58.51 <u>1.47</u> -0.67	59.17 <u>1.38</u> -0.43	72.27 <u>1.95</u> -0.72	79.44 <u>2.46</u> -0.02	77.21 <u>1.81</u> 0.00	63.40 <u>1.22</u> 9.76	63.37 <u>0.84</u> 2.34	57.76 <u>0.52</u> 0.00	49.50 <u>1.16</u> 0.00	45.59 <u>1.37</u> 0.00
GOWANUS_GT1_6 24111	46.99 <u>1.89</u> 0.00	43.48 <u>1.67</u> 0.00	39.12 <u>1.36</u> 0.00	37.14 <u>1.36</u> 0.00	37.42 <u>1.23</u> 0.00	39.01 <u>1.10</u> 0.00	43.72 <u>1.52</u> 0.00	45.64 <u>1.76</u> 0.00	45.98 <u>2.11</u> 0.00	45.82 <u>2.42</u> -0.19	45.53 <u>2.15</u> -0.45	47.90 <u>2.08</u> -0.70	50.34 <u>1.39</u> -0.87	54.58 <u>1.31</u> -0.76	58.51 <u>1.47</u> -0.67	59.17 <u>1.38</u> -0.43	72.27 <u>1.95</u> -0.72	79.44 <u>2.46</u> -0.02	77.21 <u>1.81</u> 0.00	63.40 <u>1.22</u> 9.76	63.37 <u>0.84</u> 2.34	57.76 <u>0.52</u> 0.00	49.50 <u>1.16</u> 0.00	45.59 <u>1.37</u> 0.00
GOWANUS_GT1_7 24112	46.99 <u>1.89</u> 0.00	43.48 <u>1.67</u> 0.00	39.12 <u>1.36</u> 0.00	37.14 <u>1.36</u> 0.00	37.42 <u>1.23</u> 0.00	39.01 <u>1.10</u> 0.00	43.72 <u>1.52</u> 0.00	45.64 <u>1.76</u> 0.00	45.98 <u>2.11</u> 0.00	45.82 <u>2.42</u> -0.19	45.53 <u>2.15</u> -0.45	47.90 <u>2.08</u> -0.70	50.34 <u>1.39</u> -0.87	54.58 <u>1.31</u> -0.76	58.51 <u>1.47</u> -0.67	59.17 <u>1.38</u> -0.43	72.27 <u>1.95</u> -0.72	79.44 <u>2.46</u> -0.02	77.21 <u>1.81</u> 0.00	63.40 <u>1.22</u> 9.76	63.37 <u>0.84</u> 2.34	57.76 <u>0.52</u> 0.00	49.50 <u>1.16</u> 0.00	45.59 <u>1.37</u> 0.00
GOWANUS_GT1_8 24113	46.99 <u>1.89</u> 0.00	43.48 <u>1.67</u> 0.00	39.12 <u>1.36</u> 0.00	37.14 <u>1.36</u> 0.00	37.42 <u>1.23</u> 0.00	39.01 <u>1.10</u> 0.00	43.72 <u>1.52</u> 0.00	45.64 <u>1.76</u> 0.00	45.98 <u>2.11</u> 0.00	45.82 <u>2.42</u> -0.19	45.53 <u>2.15</u> -0.45	47.90 <u>2.08</u> -0.70	50.34 <u>1.39</u> -0.87	54.58 <u>1.31</u> -0.76	58.51 <u>1.47</u> -0.67	59.17 <u>1.38</u> -0.43	72.27 <u>1.95</u> -0.72	79.44 <u>2.46</u> -0.02	77.21 <u>1.81</u> 0.00	63.40 <u>1.22</u> 9.76	63.37 <u>0.84</u> 2.34	57.76 <u>0.52</u> 0.00	49.50 <u>1.16</u> 0.00	45.59 <u>1.37</u> 0.00
GOWANUS_GT2_1 24114	46.94 <u>1.85</u> 0.00	43.48 <u>1.67</u> 0.00	39.11 <u>1.36</u> 0.00	37.14 <u>1.36</u> 0.00	37.42 <u>1.23</u> 0.00	38.93 <u>1.02</u> 0.00	43.72 <u>1.52</u> 0.00	45.64 <u>1.76</u> 0.00	45.93 <u>2.06</u> 0.00	45.74 <u>2.33</u> -0.19	45.48 <u>2.10</u> -0.45	47.86 <u>2.03</u> -0.70	50.34 <u>1.40</u> -0.87	54.58 <u>1.31</u> -0.75	58.39 <u>1.35</u> -0.67	59.22 <u>1.43</u> -0.42	72.26 <u>1.95</u> -0.71	79.59 <u>2.62</u> -0.01	77.20 <u>1.81</u> 0.01	63.40 <u>1.22</u> 9.76	63.37 <u>0.84</u> 2.34	57.70 <u>0.46</u> 0.01	49.11 <u>0.77</u> 0.00	45.50 <u>1.28</u> 0.00
GOWANUS_GT2_2 24115	46.94 <u>1.85</u> 0.00	43.48 <u>1.67</u> 0.00	39.11 <u>1.36</u> 0.00	37.14 <u>1.36</u> 0.00	37.42 <u>1.23</u> 0.00	38.93 <u>1.02</u> 0.00	43.72 <u>1.52</u> 0.00	45.64 <u>1.76</u> 0.00	45.93 <u>2.06</u> 0.00	45.74 <u>2.33</u> -0.19	45.48 <u>2.10</u> -0.45	47.86 <u>2.03</u> -0.70	50.34 <u>1.40</u> -0.87	54.58 <u>1.31</u> -0.75	58.39 <u>1.35</u> -0.67	59.22 <u>1.43</u> -0.42	72.26 <u>1.95</u> -0.71	79.59 <u>2.62</u> -0.01	77.20 <u>1.81</u> 0.01	63.40 <u>1.22</u> 9.76	63.37 <u>0.84</u> 2.34	57.70 <u>0.46</u> 0.01	49.11 <u>0.77</u> 0.00	45.50 <u>1.28</u> 0.00
GOWANUS_GT2_3 24116	46.94 <u>1.85</u> 0.00	43.48 <u>1.67</u> 0.00	39.11 <u>1.36</u> 0.00	37.14 <u>1.36</u> 0.00	37.42 <u>1.23</u> 0.00	38.93 <u>1.02</u> 0.00	43.72 <u>1.52</u> 0.00	45.64 <u>1.76</u> 0.00	45.93 <u>2.06</u> 0.00	45.74 <u>2.33</u> -0.19	45.48 <u>2.10</u> -0.45	47.86 <u>2.03</u> -0.70	50.34 <u>1.40</u> -0.87	54.58 <u>1.31</u> -0.75	58.39 <u>1.35</u> -0.67	59.22 <u>1.43</u> -0.42	72.26 <u>1.95</u> -0.71	79.59 <u>2.62</u> -0.01	77.20 <u>1.81</u> 0.01	63.40 <u>1.22</u> 9.76	63.37 <u>0.84</u> 2.34	57.70 <u>0.46</u> 0.01	49.11 <u>0.77</u> 0.00	45.50 <u>1.28</u> 0.00
GOWANUS_GT2_4 24117	46.94 <u>1.85</u> 0.00	43.48 <u>1.67</u> 0.00	39.11 <u>1.36</u> 0.00	37.14 <u>1.36</u> 0.00	37.42 <u>1.23</u> 0.00	38.93 <u>1.02</u> 0.00	43.72 <u>1.52</u> 0.00	45.64 <u>1.76</u> 0.00	45.93 <u>2.06</u> 0.00	45.74 <u>2.33</u> -0.19	45.48 <u>2.10</u> -0.45	47.86 <u>2.03</u> -0.70	50.34 <u>1.40</u> -0.87	54.58 <u>1.31</u> -0.75	58.39 <u>1.35</u> -0.67	59.22 <u>1.43</u> -0.42	72.26 <u>1.95</u> -0.71	79.59 <u>2.62</u> -0.01	77.20 <u>1.81</u> 0.01	63.40 <u>1.22</u> 9.76	63.37 <u>0.84</u> 2.34	57.70 <u>0.46</u> 0.01	49.11 <u>0.77</u> 0.00	45.50 <u>1.28</u> 0.00
GOWANUS_GT2_5 24118	46.94 <u>1.85</u> 0.00	43.48 <u>1.67</u> 0.00	39.11 <u>1.36</u> 0.00	37.14 <u>1.36</u> 0.00	37.42 <u>1.23</u> 0.00	38.93 <u>1.02</u> 0.00	43.72 <u>1.52</u> 0.00	45.64 <u>1.76</u> 0.00	45.93 <u>2.06</u> 0.00	45.74 <u>2.33</u> -0.19	45.48 <u>2.10</u> -0.45	47.86 <u>2.03</u> -0.70	50.34 <u>1.40</u> -0.87	54.58 <u>1.31</u> -0.75	58.39 <u>1.35</u> -0.67	59.22 <u>1.43</u> -0.42	72.26 <u>1.95</u> -0.71	79.59 <u>2.62</u> -0.01	77.20 <u>1.81</u> 0.01	63.40 <u>1.22</u> 9.76	63.37 <u>0.84</u> 2.34	57.70 <u>0.46</u> 0.01	49.11 <u>0.77</u> 0.00	45.50 <u>1.28</u> 0.00

GOWANUS_GT2_6 24119	46.94 1.85 0.00	43.48 1.67 0.00	39.11 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.93 2.06 0.00	45.74 2.33 -0.19	45.48 2.10 -0.45	47.86 2.03 -0.70	50.34 1.40 -0.87	54.58 1.31 -0.75	58.39 1.35 -0.67	59.22 1.43 -0.42	72.26 1.95 -0.71	79.59 2.62 -0.01	77.20 1.81 0.01	63.40 1.22 9.76	63.37 0.84 2.34	57.70 0.46 0.01	49.11 0.77 0.00	45.50 1.28 0.00
GOWANUS_GT2_7 24120	46.94 1.85 0.00	43.48 1.67 0.00	39.11 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.93 2.06 0.00	45.74 2.33 -0.19	45.48 2.10 -0.45	47.86 2.03 -0.70	50.34 1.40 -0.87	54.58 1.31 -0.75	58.39 1.35 -0.67	59.22 1.43 -0.42	72.26 1.95 -0.71	79.59 2.62 -0.01	77.20 1.81 0.01	63.40 1.22 9.76	63.37 0.84 2.34	57.70 0.46 0.01	49.11 0.77 0.00	45.50 1.28 0.00
GOWANUS_GT2_8 24121	46.94 1.85 0.00	43.48 1.67 0.00	39.11 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.93 2.06 0.00	45.74 2.33 -0.19	45.48 2.10 -0.45	47.86 2.03 -0.70	50.34 1.40 -0.87	54.58 1.31 -0.75	58.39 1.35 -0.67	59.22 1.43 -0.42	72.26 1.95 -0.71	79.59 2.62 -0.01	77.20 1.81 0.01	63.40 1.22 9.76	63.37 0.84 2.34	57.70 0.46 0.01	49.11 0.77 0.00	45.50 1.28 0.00
GOWANUS_GT3_1 24122	46.94 1.85 0.00	43.48 1.67 0.00	39.11 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.98 2.11 0.00	45.74 2.33 -0.19	45.53 2.15 -0.45	47.90 2.08 -0.70	50.34 1.40 -0.87	54.58 1.31 -0.75	58.39 1.35 -0.67	59.22 1.43 -0.42	72.26 1.95 -0.71	79.59 2.62 -0.01	77.20 1.81 0.01	63.40 1.22 9.76	63.37 0.84 2.34	57.70 0.46 0.01	49.11 0.77 0.00	45.55 1.33 0.00
GOWANUS_GT3_2 24123	46.94 1.85 0.00	43.48 1.67 0.00	39.11 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.98 2.11 0.00	45.74 2.33 -0.19	45.53 2.15 -0.45	47.90 2.08 -0.70	50.34 1.40 -0.87	54.58 1.31 -0.75	58.39 1.35 -0.67	59.22 1.43 -0.42	72.26 1.95 -0.71	79.59 2.62 -0.01	77.20 1.81 0.01	63.40 1.22 9.76	63.37 0.84 2.34	57.70 0.46 0.01	49.11 0.77 0.00	45.55 1.33 0.00
GOWANUS_GT3_3 24124	46.94 1.85 0.00	43.48 1.67 0.00	39.11 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.98 2.11 0.00	45.74 2.33 -0.19	45.53 2.15 -0.45	47.90 2.08 -0.70	50.34 1.40 -0.87	54.58 1.31 -0.75	58.39 1.35 -0.67	59.22 1.43 -0.42	72.26 1.95 -0.71	79.59 2.62 -0.01	77.20 1.81 0.01	63.40 1.22 9.76	63.37 0.84 2.34	57.70 0.46 0.01	49.11 0.77 0.00	45.55 1.33 0.00
GOWANUS_GT3_4 24125	46.94 1.85 0.00	43.48 1.67 0.00	39.11 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.98 2.11 0.00	45.74 2.33 -0.19	45.53 2.15 -0.45	47.90 2.08 -0.70	50.34 1.40 -0.87	54.58 1.31 -0.75	58.39 1.35 -0.67	59.22 1.43 -0.42	72.26 1.95 -0.71	79.59 2.62 -0.01	77.20 1.81 0.01	63.40 1.22 9.76	63.37 0.84 2.34	57.70 0.46 0.01	49.11 0.77 0.00	45.55 1.33 0.00
GOWANUS_GT3_5 24126	46.94 1.85 0.00	43.48 1.67 0.00	39.11 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	38.93 1.02 0.00	43.72 1.52 0.00																	

GOWANUS_GT4_5 24134	46.99 1.89 0.00	43.48 1.67 0.00	39.12 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	39.01 1.10 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.98 2.11 0.00	45.82 2.42 -0.19	45.53 2.15 -0.45	47.90 2.08 -0.70	50.34 1.39 -0.87	54.58 1.31 -0.76	58.51 1.47 -0.67	59.17 1.38 -0.43	72.27 1.95 -0.72	79.44 2.46 -0.02	77.21 1.81 0.00	63.40 1.22 9.76	63.37 0.84 2.34	57.76 0.52 0.00	49.50 1.16 0.00	45.59 1.37 0.00
GOWANUS_GT4_6 24135	46.99 1.89 0.00	43.48 1.67 0.00	39.12 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	39.01 1.10 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.98 2.11 0.00	45.82 2.42 -0.19	45.53 2.15 -0.45	47.90 2.08 -0.70	50.34 1.39 -0.87	54.58 1.31 -0.76	58.51 1.47 -0.67	59.17 1.38 -0.43	72.27 1.95 -0.72	79.44 2.46 -0.02	77.21 1.81 0.00	63.40 1.22 9.76	63.37 0.84 2.34	57.76 0.52 0.00	49.50 1.16 0.00	45.59 1.37 0.00
GOWANUS_GT4_7 24136	46.99 1.89 0.00	43.48 1.67 0.00	39.12 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	39.01 1.10 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.98 2.11 0.00	45.82 2.42 -0.19	45.53 2.15 -0.45	47.90 2.08 -0.70	50.34 1.39 -0.87	54.58 1.31 -0.76	58.51 1.47 -0.67	59.17 1.38 -0.43	72.27 1.95 -0.72	79.44 2.46 -0.02	77.21 1.81 0.00	63.40 1.22 9.76	63.37 0.84 2.34	57.76 0.52 0.00	49.50 1.16 0.00	45.59 1.37 0.00
GOWANUS_GT4_8 24137	46.99 1.89 0.00	43.48 1.67 0.00	39.12 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	39.01 1.10 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.98 2.11 0.00	45.82 2.42 -0.19	45.53 2.15 -0.45	47.90 2.08 -0.70	50.34 1.39 -0.87	54.58 1.31 -0.76	58.51 1.47 -0.67	59.17 1.38 -0.43	72.27 1.95 -0.72	79.44 2.46 -0.02	77.21 1.81 0.00	63.40 1.22 9.76	63.37 0.84 2.34	57.76 0.52 0.00	49.50 1.16 0.00	45.59 1.37 0.00
GREATVR_69_KV_BK1 356245	46.76 1.67 0.00	43.90 2.09 0.00	39.34 1.59 0.00	37.29 1.50 0.00	37.57 1.38 0.00	39.35 1.44 0.00	43.89 1.69 0.00	45.33 1.45 0.00	45.80 1.93 0.00	45.74 2.33 -0.19	44.67 1.55 -0.20	47.33 1.71 -0.49	46.44 1.49 3.12	47.51 1.42 6.42	49.26 1.52 8.63	59.27 1.49 -0.41	72.32 2.02 -0.70	63.44 2.39 15.90	56.45 1.81 20.76	47.60 1.22 25.56	46.49 0.84 19.22	45.38 0.46 12.33	44.30 0.48 4.52	43.24 0.40 1.38
GREENBSH_115KV_TB3 55895	44.60 -0.50 0.00	41.39 -0.42 0.00	37.45 -0.30 0.00	35.57 -0.21 0.00	35.98 -0.22 0.00	37.57 -0.34 0.00	41.74 -0.46 0.00	43.45 -0.44 0.00	43.56 -0.31 0.00	42.67 -0.39 0.15	42.05 -0.52 0.36	44.06 -0.50 0.57	46.66 -0.72 0.70	51.01 -0.89 0.61	54.76 -1.07 0.54	55.88 -1.15 0.34	67.70 -1.32 0.58	75.48 -1.46 0.02	74.05 -1.36 0.00	70.57 -1.37 0.00	63.70 -1.17 0.00	56.16 -1.09 0.00	47.47 -0.87 0.00	43.60 -0.62 0.00
GREENDGE_115KV_TB5 80291	46.67 1.58 0.00	43.14 1.34 0.00	38.62 0.87 0.00	36.36 0.57 0.00	36.77 0.58 0.00	38.78 0.87 0.00	43.43 1.22 0.00	45.03 1.14 0.00	44.62 0.75 0.00	43.90 0.69 0.00	44.04 1.12 0.00	46.16 1.04 0.00	49.62 1.54 0.00	54.56 2.05 0.00	58.57 2.20 0.00	59.66 2.29 0.00	72.67 3.06 0.00	80.65 3.69 0.00	79.25 3.85 0.00	75.68 3.74 0.00	68.05 3.18 0.00	59.82 2.58 0.00	50.28 1.93 0.00	46.00 1.77 -0.01
GREENIDGE___3 23582	46.67 1.58 0.00	43.14 1.34 0.00	38.62 0.87 0.00	36.36 0.57 0.00	36.77 0.58 0.00	38.78 0.87 0.00	43.43 1.22 0.00	45.03 1.14 0.00	44.62 0.75 0.00	43.90 0.69 0.00	44.04 1.12 0.00	46.16 1.04 0.00	49.62 1.54 0.00	54.56 2.05 0.00	58.57 2.20 0.00	59.66 2.29 0.00	72.67 3.06 0.00	80.65 3.69 0.00	79.25 3.85 0.00	75.68 3.74 0.00	68.05 3.18 0.00	59.82 2.58 0.00	50.28 1.93 0.00	46.00 1.77 -0.01
GREENIDGE___4 23583	46.76 1.67 0.00	43.18 1.38 0.00	38.62 0.87 0.00	36.35 0.57 0.00	36.77 0.58 0.00	38.86 0.95 0.00	43.43 1.22 0.00	45.03 1.14 0.00	44.62 0.75 0.00	44.03 0.82 0.00	44.09 1.16 0.00	46.57 1.44 0.00	49.61 1.54 0.00	54.56 2.05 0.00	58.68 2.31 0.00	59.72 2.35 0.00	72.66 3.06 0.00	80.80 3.85 0.00	79.25 3.84 0.00	75.67 3.74 0.00	68.05 3.18 0.00	59.88 2.63 0.00	50.47 2.12 0.00	46.57 2.34 -0.01
GREENLWN_69_KV_BK 3 55738	45.54 0.45 0.00	42.77 0.96 0.00	38.40 0.64 0.00	36.43 0.64 0.00	36.70 0.51 0.00	38.44 0.53 0.00	42.92 0.72 0.00	44.24 0.35 0.00	44.62 0.75 0.00	44.57 1.17 -0.19	43.42 0.30 -0.20	45.97 0.36 -0.49	44.97 0.05 3.16	45.92 -0.11 6.48	47.55 -0.11 8.71	57.55 -0.23 -0.41	70.10 -0.21 -0.70	60.92 0.00 16.04	53.86 -0.60 20.94	45.08 -1.08 25.78	44.25 -1.23 19.39	43.50 -1.32 12.43	42.81 -0.97 4.56	41.94 -0.88 1.39
GREENWD_138_KV_38B11_REV_LBMP_J 345004	46.99 1.89 0.00	43.48 1.67 0.00	39.12 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	39.01 1.10 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.98 2.11 0.00	45.82 2.42 -0.19	45.53 2.15 -0.45	47.90 2.08 -0.70	50.34 1.39 -0.87	54.58 1.31 -0.76	58.51 1.47 -0.67	59.17 1.38 -0.43	72.27 1.95 -0.72	79.44 2.46 -0.02	77.21 1.81 0.00	63.40 1.22 9.76	63.37 0.84 2.34	57.76 0.52 0.00	49.50 1.16 0.00	45.59 1.37 0.00
GRISSOM___SOLAR 323813	48.16 3.07 0.00	44.61 2.80 0.00	40.21 2.45 0.00	38.11 2.32 0.00	38.66 2.46 0.00	40.52 2.61 0.00	45.11 2.91 0.00	46.52 2.63 0.00	45.89 2.02 0.00	44.61 1.51 0.12	44.02 1.37 0.28	46.05 1.35 0.43	48.84 1.30 0.53	53.47 1.42 0.46	57.37 1.41 0.41	59.00 1.89 0.26	71.88 2.71 0.44	80.71 3.77 0.01	80.08 4.68 0.00	76.90 4.96 0.00	69.80 4.93 0.00	61.54 4.30 0.00	51.68 3.33 0.00	47.14 2.92 0.00
GROVEVILLE___HYD 323602	46.67 1.58 0.00	43.23 1.42 0.00	39.00 1.25 0.00	37.00 1.22 0.00	37.35 1.16 0.00	39.08 1.18 0.00	43.60 1.39 0.00	45.47 1.58 0.00	45.63 1.75 0.00	45.23 1.86 -0.16	44.93 1.63 -0.37	47.45 1.76 -0.57	50.42 1.63 -0.71	54.86 1.73 -0.62	58.84 1.92 -0.55	59.66 1.95 -0.35	72.69 2.51 -0.58	79.97 3.00 -0.02	77.97 2.56 0.00	74.09 2.16 0.00	66.62 1.75 0.00	58.56 1.32 0.00	49.55 1.21 0.00	45.33 1.11 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	45.18 0.09 0.00	41.85 0.04 0.00	37.64 -0.11 0.00	35.60 -0.18 0.00	35.98 -0.22 0.00	37.79 -0.11 0.00	42.25 0.04 0.00	43.97 0.09 0.00	43.87 0.00 0.00	43.21 0.00 0.00	43.14 0.21 0.00	45.39 0.27 0.00	48.51 0.43 0.00	53.14 0.63 0.00	57.10 0.73 0.00	58.11 0.75 0.00	70.51 0.90 0.00	77.96 1.00 0.00	76.38 0.98 0.00	72.87 0.94 0.00	65.65 0.78 0.00	57.82 0.57 0.00	48.68 0.34 0.00	44.44 0.22 0.00
HAMLTNNY_34_KV_TB 80303	45.54 0.45 0.00	42.14 0.33 0.00	37.87 0.11 0.00	35.78 0.00 0.00	36.19 0.00 0.00	38.02 0.11 0.00	42.50 0.30 0.00	44.19 0.31 0.00	44.05 0.18 0.00	43.43 0.22 0.00	43.40 0.47 0.00	45.66 0.54 0.00	48.85 0.77 0.00	53.56 1.05 0.00	57.56 1.18 0.00	58.63 1.26 0.00	71.13 1.53 0.00	78.73 1.77 0.00	77.14 1.73 0.00	73.59 1.65 0.00	66.30 1.43 0.00	58.39 1.14 0.00	49.17 0.82 0.00	44.88 0.66 0.00

HAMPSHIRE___PAPER_HYD 323593	46.63 1.53 0.00	43.27 1.46 0.00	39.04 1.28 0.00	37.00 1.22 0.00	37.49 1.30 0.00	39.31 1.40 0.00	43.85 1.64 0.00	45.55 1.67 0.00	45.36 1.49 0.00	44.51 1.30 0.00	44.09 1.16 0.00	46.25 1.13 0.00	49.42 1.34 0.00	54.04 1.52 0.00	58.06 1.69 0.00	59.09 1.72 0.00	71.13 1.53 0.00	78.80 1.84 0.00	77.06 1.66 0.00	73.95 2.01 0.00	66.68 1.81 0.00	64.19 2.52 -4.43	60.93 2.23 -10.36	46.04 1.81 0.00
HARDSCRABBLE_WT_PWR 323673	44.28 -0.81 0.00	40.97 -0.84 0.00	36.96 -0.79 0.00	35.07 -0.72 0.00	35.50 -0.69 0.00	37.23 -0.68 0.00	41.53 -0.68 0.00	43.23 -0.66 0.00	43.26 -0.61 0.00	42.69 -0.52 0.00	42.46 -0.47 0.00	44.72 -0.41 0.00	47.60 -0.48 0.00	51.99 -0.53 0.00	55.81 -0.56 0.00	56.79 -0.57 0.00	68.70 -0.91 0.00	76.04 -0.92 0.00	74.42 -0.98 0.00	70.93 -1.01 0.00	64.02 -0.85 0.00	56.56 -0.68 0.00	47.71 -0.63 0.00	43.51 -0.71 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	46.31 1.22 0.00	42.93 1.13 0.00	38.70 0.94 0.00	36.71 0.93 0.00	37.10 0.90 0.00	38.82 0.91 0.00	43.30 1.10 0.00	45.16 1.27 0.00	45.36 1.49 0.00	44.98 1.60 -0.17	44.74 1.42 -0.40	47.27 1.53 -0.62	50.28 1.44 -0.76	54.70 1.52 -0.66	58.65 1.69 -0.59	59.40 1.66 -0.37	72.39 2.16 -0.63	79.59 2.62 -0.02	77.59 2.19 0.00	73.66 1.73 0.00	66.23 1.36 0.00	58.16 0.92 0.00	49.31 0.97 0.00	45.06 0.84 0.00
HARSNRAD_115KV_TB1 81005	47.12 2.03 0.00	43.69 1.88 0.00	38.85 1.09 0.00	36.36 0.57 0.00	36.70 0.51 0.00	38.89 0.99 0.00	43.01 0.80 0.00	44.06 0.18 0.00	43.52 -0.35 0.00	43.08 -0.13 0.00	43.83 0.90 0.00	46.52 1.40 0.00	50.10 2.02 0.00	54.98 2.47 0.00	58.74 2.37 0.00	59.78 2.41 0.00	73.08 3.48 0.00	80.65 3.69 0.00	79.32 3.92 0.00	75.57 3.60 -0.04	68.11 3.24 0.00	59.82 2.58 0.00	50.66 2.32 0.00	46.98 2.70 -0.06
HARZA MOOSE___RIVER 24016	46.85 1.76 0.00	43.44 1.63 0.00	39.08 1.32 0.00	37.04 1.25 0.00	37.53 1.34 0.00	39.46 1.55 0.00	44.02 1.81 0.00	46.08 2.19 0.00	45.84 1.97 0.00	44.90 1.69 0.00	44.64 1.72 0.00	46.97 1.85 0.00	50.10 2.02 0.00	54.82 2.31 0.00	58.85 2.48 0.00	60.01 2.64 0.00	72.18 2.58 0.00	79.96 3.00 0.00	78.49 3.09 0.00	75.17 3.24 0.00	67.92 3.05 0.00	61.01 2.92 -0.85	52.60 2.27 -1.98	45.95 1.72 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	44.78 -0.32 0.00	41.47 -0.33 0.00	37.30 -0.45 0.00	35.28 -0.50 0.00	35.69 -0.51 0.00	37.53 -0.38 0.00	41.91 -0.30 0.00	43.62 -0.26 0.00	43.56 -0.31 0.00	42.95 -0.26 0.00	42.84 -0.09 0.00	45.12 0.00 0.00	48.17 0.10 0.00	52.78 0.26 0.00	56.71 0.34 0.00	57.71 0.34 0.00	70.02 0.42 0.00	77.34 0.38 0.00	75.70 0.30 0.00	72.22 0.29 0.00	65.06 0.19 0.00	57.30 0.06 0.00	48.40 -0.05 -0.10	44.09 -0.13 0.00
HELLGATE_13_KV_LD 55870	47.08 1.98 0.00	43.56 1.76 0.00	39.23 1.47 0.00	37.22 1.43 0.00	37.57 1.38 0.00	39.20 1.29 0.00	43.98 1.77 0.00	45.82 1.93 0.00	46.15 2.28 0.00	45.91 2.51 -0.19	45.61 2.23 -0.45	48.13 2.30 -0.70	50.68 1.73 -0.87	54.90 1.63 -0.76	58.74 1.69 -0.67	59.40 1.61 -0.43	72.48 2.16 -0.72	79.59 2.62 -0.02	77.29 1.89 0.00	67.19 1.37 6.11	64.44 1.04 1.47	57.93 0.69 0.00	49.70 1.35 0.00	45.64 1.42 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	47.08 1.98 0.00	43.56 1.76 0.00	39.23 1.47 0.00	37.22 1.43 0.00	37.57 1.38 0.00	39.20 1.29 0.00	43.98 1.77 0.00	45.82 1.93 0.00	46.15 2.28 0.00	45.91 2.51 -0.19	45.61 2.23 -0.45	48.13 2.30 -0.70	50.68 1.73 -0.87	54.90 1.63 -0.76	58.74 1.69 -0.67	59.40 1.61 -0.43	72.48 2.16 -0.72	79.59 2.62 -0.02	77.29 1.89 0.00	67.19 1.37 6.11	64.44 1.04 1.47	57.93 0.69 0.00	49.70 1.35 0.00	45.64 1.42 0.00
HEMPSTEAD____ 23647	45.14 0.05 0.00	42.89 1.09 0.00	38.74 0.98 0.00	36.71 0.93 0.00	37.03 0.83 0.00	38.70 0.80 0.00	43.26 1.06 0.00	44.76 0.88 0.00	45.01 1.14 0.00	44.87 1.47 -0.19	44.45 1.20 -0.32	47.03 1.31 -0.59	47.95 1.06 1.19	50.52 0.95 2.94	53.11 0.85 4.11	58.70 0.92 -0.42	71.42 1.11 -0.71	70.41 1.62 8.17	65.48 0.75 10.67	59.17 0.36 13.13	54.92 -0.06 9.88	50.62 -0.28 6.34	46.02 0.00 2.33	43.51 0.00 0.71
HICKLING___1 23621	46.58 1.49 0.00	43.10 1.30 0.00	38.59 0.83 0.00	36.25 0.47 0.00	36.63 0.43 0.00	38.70 0.80 0.00	43.22 1.01 0.00	44.68 0.79 0.00	44.31 0.44 0.00	43.69 0.48 0.00	43.91 0.99 0.00	46.43 1.31 0.00	49.95 1.87 0.00	54.93 2.42 0.00	58.96 2.59 0.00	59.95 2.58 0.00	72.94 3.34 0.00	80.96 4.00 0.00	79.47 4.07 0.00	75.90 3.96 -0.01	68.18 3.31 0.00	59.94 2.69 0.00	50.47 2.13 0.00	46.36 2.12 -0.01
HICKLING___2 23622	46.58 1.49 0.00	43.10 1.30 0.00	38.59 0.83 0.00	36.25 0.47 0.00	36.63 0.43 0.00	38.70 0.80 0.00	43.22 1.01 0.00	44.68 0.79 0.00	44.31 0.44 0.00	43.69 0.48 0.00	43.91 0.99 0.00	46.43 1.31 0.00	49.95 1.87 0.00	54.93 2.42 0.00	58.96 2.59 0.00	59.95 2.58 0.00	72.94 3.34 0.00	80.96 4.00 0.00	79.47 4.07 0.00	75.90 3.96 -0.01	68.18 3.31 0.00	59.94 2.69 0.00	50.47 2.13 0.00	46.36 2.12 -0.01
HIGH FALLS___HY 23754	46.65 1.67 0.11	43.31 1.51 0.00	39.08 1.32 0.00	37.07 1.29 0.00	37.42 1.23 0.00	39.16 1.25 0.00	43.68 1.48 0.00	45.51 1.67 0.04	45.67 1.84 0.05	45.22 1.90 -0.10	44.84 1.67 -0.24	47.30 1.80 -0.38	50.14 1.73 -0.33	54.40 1.89 0.01	58.22 2.14 0.29	59.05 2.18 0.49	71.36 2.85 1.09	78.46 3.46 1.96	76.55 3.02 1.87	74.52 2.59 0.00	67.07 2.21 0.00	58.85 1.60 0.00	49.62 1.45 0.17	45.50 1.28 0.00
HIGH_RIVER___SOLAR 323847	46.85 1.76 0.00	43.39 1.59 0.00	39.23 1.47 0.00	37.18 1.39 0.00	37.64 1.45 0.00	39.42 1.52 0.00	43.81 1.60 0.00	45.33 1.45 0.00	45.01 1.14 0.00	43.95 0.86 0.13	43.49 0.86 0.30	45.47 0.81 0.46	48.23 0.72 0.57	52.80 0.79 0.50	56.72 0.79 0.44	58.12 1.03 0.28	70.59 1.46 0.47	78.87 1.92 0.01	77.89 2.48 0.00	74.52 2.59 0.00	67.53 2.66 0.00	59.54 2.29 0.00	50.08 1.74 0.00	45.81 1.59 0.00
HILLBURN___GT 23639	46.04 0.95 0.00	42.77 0.96 0.00	38.62 0.87 0.00	36.61 0.82 0.00	36.99 0.80 0.00	38.66 0.76 0.00	43.22 1.01 0.00	45.03 1.14 0.00	45.27 1.40 0.00	44.90 1.51 -0.17	44.67 1.33 -0.41	47.20 1.44 -0.64	50.21 1.34 -0.79	54.51 1.31 -0.69	58.33 1.35 -0.61	59.19 1.43 -0.39	72.06 1.81 -0.65	79.36 2.39 -0.02	77.06 1.66 0.00	73.23 1.30 0.00	65.78 0.91 0.00	57.82 0.57 0.00	48.97 0.63 0.00	44.79 0.57 0.00
HILLSIDE_115KV_TB1 80332	45.72 0.63 0.00	42.35 0.54 0.00	37.94 0.19 0.00	35.68 -0.11 0.00	36.05 -0.14 0.00	38.06 0.15 0.00	42.46 0.25 0.00	43.93 0.04 0.00	43.61 -0.26 0.00	43.00 -0.22 0.00	43.14 0.21 0.00	45.62 0.50 0.00	49.04 0.96 0.00	53.88 1.37 0.00	57.78 1.41 0.00	58.80 1.43 0.00	71.55 1.95 0.00	79.42 2.46 0.00	77.89 2.49 0.00	74.39 2.45 -0.01	66.82 1.95 0.00	58.74 1.49 0.00	49.46 1.11 0.00	45.47 1.24 -0.01

HISHELDN_WT_PWR 323625	47.43 2.34 0.00	43.90 2.09 0.00	39.00 1.24 0.00	36.57 0.79 0.00	36.88 0.69 0.00	39.23 1.33 0.00	43.30 1.10 0.00	44.45 0.57 0.00	43.87 0.00 0.00	43.73 0.52 0.00	44.13 1.20 0.00	46.79 1.67 0.00	50.29 2.21 0.00	55.24 2.73 0.00	59.25 2.87 0.00	60.12 2.75 0.00	73.43 3.83 0.00	81.26 4.31 0.00	79.85 4.45 0.00	76.27 4.32 -0.02	68.63 3.76 0.00	60.51 3.26 0.00	51.24 2.90 0.00	47.22 2.96 -0.04
HOLTSVILLE_IC_1 23690	44.42 -0.68 0.00	42.85 1.05 0.00	38.66 0.90 0.00	36.68 0.89 0.00	36.95 0.76 0.00	38.63 0.72 0.00	43.13 0.93 0.00	44.37 0.48 0.00	44.57 0.70 0.00	44.53 1.12 -0.19	43.72 0.60 -0.19	46.29 0.68 -0.49	45.20 0.38 3.26	46.00 0.16 6.67	47.53 0.11 8.95	57.95 0.17 -0.41	70.52 0.21 -0.70	61.12 0.61 16.45	53.93 0.00 21.48	45.14 -0.36 26.44	44.27 -0.71 19.89	43.64 -0.86 12.75	43.09 -0.58 4.68	42.22 -0.58 1.43
HOLTSVILLE_IC_10 23699	44.68 -0.41 0.00	43.10 1.30 0.00	38.85 1.10 0.00	36.82 1.04 0.00	37.10 0.91 0.00	38.82 0.91 0.00	43.34 1.14 0.00	44.59 0.70 0.00	44.70 0.83 0.00	44.66 1.25 -0.19	43.93 0.81 -0.19	46.65 1.04 -0.49	45.66 0.82 3.23	46.43 0.53 6.61	48.00 0.51 8.88	58.35 0.57 -0.41	71.14 0.84 -0.70	61.94 1.31 16.32	54.77 0.68 21.31	45.92 0.22 26.23	44.88 -0.26 19.73	44.13 -0.46 12.65	43.41 -0.29 4.64	42.45 -0.36 1.42
HOLTSVILLE_IC_2 23691	44.42 -0.68 0.00	42.85 1.05 0.00	38.66 0.90 0.00	36.68 0.89 0.00	36.95 0.76 0.00	38.63 0.72 0.00	43.13 0.93 0.00	44.37 0.48 0.00	44.57 0.70 0.00	44.53 1.12 -0.19	43.72 0.60 -0.19	46.29 0.68 -0.49	45.20 0.38 3.26	46.00 0.16 6.67	47.53 0.11 8.95	57.95 0.17 -0.41	70.52 0.21 -0.70	61.12 0.61 16.45	53.93 0.00 21.48	45.14 -0.36 26.44	44.27 -0.71 19.89	43.64 -0.86 12.75	43.09 -0.58 4.68	42.22 -0.58 1.43
HOLTSVILLE_IC_3 23692	44.42 -0.68 0.00	42.85 1.05 0.00	38.66 0.90 0.00	36.68 0.89 0.00	36.95 0.76 0.00	38.63 0.72 0.00	43.13 0.93 0.00	44.37 0.48 0.00	44.57 0.70 0.00	44.53 1.12 -0.19	43.72 0.60 -0.19	46.29 0.68 -0.49	45.20 0.38 3.26	46.00 0.16 6.67	47.53 0.11 8.95	57.95 0.17 -0.41	70.52 0.21 -0.70	61.12 0.61 16.45	53.93 0.00 21.48	45.14 -0.36 26.44	44.27 -0.71 19.89	43.64 -0.86 12.75	43.09 -0.58 4.68	42.22 -0.58 1.43
HOLTSVILLE_IC_4 23693	44.42 -0.68 0.00	42.85 1.05 0.00	38.66 0.90 0.00	36.68 0.89 0.00	36.95 0.76 0.00	38.63 0.72 0.00	43.13 0.93 0.00	44.37 0.48 0.00	44.57 0.70 0.00	44.53 1.12 -0.19	43.72 0.60 -0.19	46.29 0.68 -0.49	45.20 0.38 3.26	46.00 0.16 6.67	47.53 0.11 8.95	57.95 0.17 -0.41	70.52 0.21 -0.70	61.12 0.61 16.45	53.93 0.00 21.48	45.14 -0.36 26.44	44.27 -0.71 19.89	43.64 -0.86 12.75	43.09 -0.58 4.68	42.22 -0.58 1.43
HOLTSVILLE_IC_5 23694	44.42 -0.68 0.00	42.85 1.05 0.00	38.66 0.90 0.00	36.68 0.89 0.00	36.95 0.76 0.00	38.63 0.72 0.00	43.13 0.93 0.00	44.37 0.48 0.00	44.57 0.70 0.00	44.53 1.12 -0.19	43.72 0.60 -0.19	46.29 0.68 -0.49	45.20 0.38 3.26	46.00 0.16 6.67	47.53 0.11 8.95	57.95 0.17 -0.41	70.52 0.21 -0.70	61.12 0.61 16.45	53.93 0.00 21.48	45.14 -0.36 26.44	44.27 -0.71 19.89	43.64 -0.86 12.75	43.09 -0.58 4.68	42.22 -0.58 1.43
HOLTSVILLE_IC_6 23695	44.68 -0.41 0.00	43.10 1.30 0.00	38.85 1.10 0.00	36.82 1.04 0.00	37.10 0.91 0.00	38.82 0.91 0.00	43.34 1.14 0.00	44.59 0.70 0.00	44.70 0.83 0.00	44.66 1.25 -0.19	43.93 0.81 -0.19	46.65 1.04 -0.49	45.66 0.82 3.23	46.43 0.53 6.61	48.00 0.51 8.88	58.35 0.57 -0.41	71.14 0.84 -0.70	61.94 1.31 16.32	54.77 0.68 21.31	45.92 0.22 26.23	44.88 -0.26 19.73	44.13 -0.46 12.65	43.41 -0.29 4.64	42.45 -0.36 1.42
HOLTSVILLE_IC_7 23696	44.68 -0.41 0.00	43.10 1.30 0.00	38.85 1.10 0.00	36.82 1.04 0.00	37.10 0.91 0.00	38.82 0.91 0.00	43.34 1.14 0.00	44.59 0.70 0.00	44.70 0.83 0.00	44.66 1.25 -0.19	43.93 0.81 -0.19	46.65 1.04 -0.49	45.66 0.82 3.23	46.43 0.53 6.61	48.00 0.51 8.88	58.35 0.57 -0.41	71.14 0.84 -0.70	61.94 1.31 16.32	54.77 0.68 21.31	45.92 0.22 26.23	44.88 -0.26 19.73	44.13 -0.46 12.65	43.41 -0.29 4.64	42.45 -0.36 1.42
HOLTSVILLE_IC_8 23697	44.68 -0.41 0.00	43.10 1.30 0.00	38.85 1.10 0.00	36.82 1.04 0.00	37.10 0.91 0.00	38.82 0.91 0.00	43.34 1.14 0.00	44.59 0.70 0.00	44.70 0.83 0.00	44.66 1.25 -0.19	43.93 0.81 -0.19	46.65 1.04 -0.49	45.66 0.82 3.23	46.43 0.53 6.61	48.00 0.51 8.88	58.35 0.57 -0.41	71.14 0.84 -0.70	61.94 1.31 16.32	54.77 0.68 21.31	45.92 0.22 26.23	44.88 -0.26 19.73	44.13 -0.46 12.65	43.41 -0.29 4.64	42.45 -0.36 1.42
HOLTSVILLE_IC_9 23698	44.68 -0.41 0.00	43.10 1.30 0.00	38.85 1.10 0.00	36.82 1.04 0.00	37.10 0.91 0.00	38.82 0.91 0.00	43.34 1.14 0.00	44.59 0.70 0.00	44.70 0.83 0.00	44.66 1.25 -0.19	43.93 0.81 -0.19	46.65 1.04 -0.49	45.66 0.82 3.23	46.43 0.53 6.61	48.00 0.51 8.88	58.35 0.57 -0.41	71.14 0.84 -0.70	61.94 1.31 16.32	54.77 0.68 21.31	45.92 0.22 26.23	44.88 -0.26 19.73	44.13 -0.46 12.65	43.41 -0.29 4.64	42.45 -0.36 1.42
HOMER_HL_115KV_TB2 355744	44.10 -0.99 0.00	40.89 -0.92 0.00	36.47 -1.28 0.00	34.07 -1.72 0.00	34.38 -1.81 0.00	36.62 -1.29 0.00	40.73 -1.48 0.00	41.87 -2.02 0.00	41.41 -2.46 0.00	41.01 -2.20 0.00	41.47 -1.46 0.00	44.08 -1.04 0.00	47.74 -0.34 0.00	52.67 0.16 0.00	56.26 -0.11 0.00	57.37 0.00 0.00	70.02 0.42 0.00	77.50 0.54 0.00	76.23 0.83 0.00	72.74 0.79 -0.02	65.00 0.13 0.00	57.08 -0.17 0.00	48.05 -0.29 0.00	45.23 0.97 -0.03
HOWARD_WT_PWR 323690	47.52 2.43 0.00	43.85 2.05 0.00	39.08 1.32 0.00	36.68 0.89 0.00	37.06 0.87 0.00	39.35 1.44 0.00	43.81 1.60 0.00	45.07 1.19 0.00	44.44 0.57 0.00	43.95 0.73 0.00	44.17 1.25 0.00	46.79 1.67 0.00	50.24 2.17 0.00	55.35 2.83 0.00	59.41 3.04 0.00	60.35 2.98 0.00	73.50 3.90 0.00	81.65 4.69 0.00	80.30 4.90 0.00	76.90 4.96 -0.01	69.15 4.28 0.00	60.86 3.61 0.00	51.34 3.00 0.00	47.64 3.41 -0.02
HQ_GEN_CEDARS 23644	45.90 0.81 0.00	42.68 0.88 0.00	38.62 0.87 0.00	36.61 0.82 0.00	37.06 0.87 0.00	38.74 0.83 0.00	43.13 0.93 0.00	44.72 0.83 0.00	44.70 0.83 0.00	43.95 0.73 0.00	43.53 0.60 0.00	45.66 0.54 0.00	48.85 0.77 0.00	53.35 0.84 0.00	57.33 0.96 0.00	58.40 1.03 0.00	70.30 0.70 0.00	77.96 1.00 0.00	76.08 0.68 0.00	72.80 0.86 0.00	66.10 1.23 0.00	66.69 1.49 -7.96	66.69 1.45 -16.90	45.46 1.24 0.00
HQ_GEN_CEDARS_PROXY 323590	45.95 0.85 0.00	42.68 0.88 0.00	38.62 0.87 0.00	36.61 0.82 0.00	37.06 0.87 0.00	38.74 0.83 0.00	43.13 0.93 0.00	44.72 0.83 0.00	44.70 0.83 0.00	43.95 0.73 0.00	43.53 0.60 0.00	45.62 0.50 0.00	48.84 0.77 0.00	53.35 0.84 0.00	57.33 0.96 0.00	58.28 0.92 0.00	70.30 0.70 0.00	77.73 0.77 0.00	76.08 0.68 0.00	72.80 0.87 0.00	66.10 1.23 0.00	66.69 1.49 -7.96	66.69 1.45 -16.90	45.55 1.33 0.00

HQ_GEN_IMPORT 323601	45.32 0.23 0.00	42.02 0.21 0.00	37.98 0.23 0.00	36.00 0.22 0.00	36.41 0.22 0.00	38.14 0.23 0.00	42.46 0.25 0.00	44.11 0.22 0.00	44.09 0.22 0.00	43.39 0.17 0.00	43.06 0.13 0.00	45.21 0.09 0.00	48.22 0.14 0.00	52.67 0.16 0.00	56.54 0.17 0.00	57.54 0.17 0.00	69.74 0.14 0.00	76.88 -0.08 0.00	75.55 0.15 0.00	72.15 0.22 0.00	65.07 0.20 0.00	57.33 0.29 0.21	48.20 0.34 0.49	44.53 0.31 0.00
HQ_GEN_WHEEL 23651	45.32 0.23 0.00	42.02 0.21 0.00	37.98 0.23 0.00	36.00 0.22 0.00	36.41 0.22 0.00	38.14 0.23 0.00	42.46 0.25 0.00	44.11 0.22 0.00	44.09 0.22 0.00	43.39 0.17 0.00	43.06 0.13 0.00	45.21 0.09 0.00	48.22 0.14 0.00	52.67 0.16 0.00	56.54 0.17 0.00	57.54 0.17 0.00	69.74 0.14 0.00	76.88 -0.08 0.00	75.55 0.15 0.00	72.15 0.22 0.00	65.07 0.20 0.00	57.33 0.29 0.21	48.20 0.34 0.49	44.53 0.31 0.00
HUDSON AVE_GT_3 23810	46.67 1.58 0.00	43.23 1.42 0.00	38.93 1.17 0.00	36.89 1.11 0.00	37.28 1.09 0.00	38.97 1.06 0.00	43.64 1.43 0.00	45.64 1.76 0.00	46.02 2.15 0.00	45.69 2.29 -0.19	45.40 2.02 -0.45	47.99 2.17 -0.70	50.82 1.87 -0.87	55.06 1.79 -0.76	58.91 1.86 -0.67	59.51 1.72 -0.43	72.62 2.30 -0.72	79.75 2.77 -0.02	77.44 2.04 0.00	73.45 1.51 0.00	65.97 1.10 0.00	58.05 0.80 0.00	49.46 1.11 0.00	45.28 1.06 0.00
HUDSON AVE_GT_4 23540	46.67 1.58 0.00	43.23 1.42 0.00	38.93 1.17 0.00	36.89 1.11 0.00	37.28 1.09 0.00	38.97 1.06 0.00	43.64 1.43 0.00	45.64 1.76 0.00	46.02 2.15 0.00	45.69 2.29 -0.19	45.40 2.02 -0.45	47.99 2.17 -0.70	50.82 1.87 -0.87	55.06 1.79 -0.76	58.91 1.86 -0.67	59.51 1.72 -0.43	72.62 2.30 -0.72	79.75 2.77 -0.02	77.44 2.04 0.00	73.45 1.51 0.00	65.97 1.10 0.00	58.05 0.80 0.00	49.46 1.11 0.00	45.28 1.06 0.00
HUDSON AVE_GT_5 23657	46.67 1.58 0.00	43.23 1.42 0.00	38.93 1.17 0.00	36.89 1.11 0.00	37.28 1.09 0.00	38.97 1.06 0.00	43.64 1.43 0.00	45.64 1.76 0.00	46.02 2.15 0.00	45.69 2.29 -0.19	45.40 2.02 -0.45	47.99 2.17 -0.70	50.82 1.87 -0.87	55.06 1.79 -0.76	58.91 1.86 -0.67	59.51 1.72 -0.43	72.62 2.30 -0.72	79.75 2.77 -0.02	77.44 2.04 0.00	73.45 1.51 0.00	65.97 1.10 0.00	58.05 0.80 0.00	49.46 1.11 0.00	45.28 1.06 0.00
HUDSON_AVE_10 24168	46.58 1.49 0.00	43.10 1.30 0.00	38.85 1.09 0.00	36.82 1.04 0.00	37.17 0.98 0.00	38.85 0.95 0.00	43.56 1.35 0.00	45.60 1.71 0.00	45.93 2.06 0.00	45.65 2.25 -0.19	45.27 1.89 -0.45	47.86 2.03 -0.70	50.63 1.68 -0.87	54.85 1.58 -0.76	58.68 1.63 -0.67	59.34 1.55 -0.43	72.34 2.02 -0.72	79.52 2.54 -0.02	77.21 1.81 0.00	73.23 1.29 0.00	65.78 0.91 0.00	57.82 0.57 0.00	49.31 0.97 0.00	45.19 0.97 0.00
HUDSON___115KV_TB 4 355613	45.21 0.54 0.42	42.14 0.33 0.00	38.13 0.38 0.00	36.21 0.43 0.00	36.63 0.43 0.00	38.25 0.34 0.00	42.50 0.30 0.00	44.16 0.44 0.16	44.04 0.35 0.18	43.28 0.17 0.11	42.68 0.00 0.25	44.69 -0.05 0.39	46.94 -0.14 0.99	50.38 -0.16 1.97	53.38 -0.17 2.82	54.18 -0.23 2.96	63.63 0.00 5.97	69.74 0.23 7.44	68.96 0.60 7.05	72.57 0.65 0.02	65.44 0.58 0.02	57.80 0.57 0.02	48.09 0.39 0.64	44.44 0.22 0.00
HUNTER MOUNT___DRP 323613	45.20 0.72 0.61	42.18 0.38 0.00	38.17 0.42 0.00	36.25 0.47 0.00	36.66 0.47 0.00	38.29 0.38 0.00	42.54 0.34 0.00	44.30 0.66 0.24	44.09 0.48 0.26	43.40 0.26 0.07	42.81 0.04 0.16	44.92 0.05 0.25	46.98 -0.05 1.05	49.98 0.00 2.53	52.57 0.00 3.81	53.25 0.00 4.11	61.52 0.28 8.37	66.67 0.54 10.83	66.20 1.06 10.26	72.99 1.08 0.02	65.69 0.84 0.02	58.20 0.97 0.02	48.04 0.63 0.93	44.44 0.22 0.00
HUNTINGTON_RES_REC 323705	44.32 -0.77 0.00	42.81 1.00 0.00	38.62 0.87 0.00	36.61 0.82 0.00	36.88 0.69 0.00	38.59 0.68 0.00	43.09 0.89 0.00	44.24 0.35 0.00	44.44 0.57 0.00	44.40 0.99 -0.19	43.64 0.52 -0.19	46.24 0.63 -0.49	45.24 0.38 3.22	46.19 0.26 6.59	47.75 0.23 8.85	58.07 0.29 -0.41	70.59 0.28 -0.70	61.38 0.69 16.27	54.24 0.08 21.24	45.43 -0.36 26.15	44.43 -0.78 19.67	43.66 -0.97 12.61	42.99 -0.72 4.63	42.06 -0.75 1.41
HUNTLEY___63 23557	47.75 2.66 0.00	44.27 2.47 0.00	39.38 1.62 0.00	36.82 1.04 0.00	37.17 0.98 0.00	39.39 1.48 0.00	43.47 1.27 0.00	44.59 0.70 0.00	44.09 0.22 0.00	43.69 0.48 0.00	44.51 1.59 0.00	47.24 2.12 0.00	50.91 2.84 0.00	55.93 3.41 0.00	59.75 3.38 0.00	60.52 3.16 0.00	74.06 4.45 0.00	81.65 4.69 0.00	80.23 4.83 0.00	76.42 4.46 -0.03	68.83 3.96 0.00	60.45 3.21 0.00	51.34 3.00 0.00	47.63 3.36 -0.05
HUNTLEY___64 23558	47.75 2.66 0.00	44.27 2.47 0.00	39.38 1.62 0.00	36.82 1.04 0.00	37.17 0.98 0.00	39.39 1.48 0.00	43.47 1.27 0.00	44.59 0.70 0.00	44.09 0.22 0.00	43.69 0.48 0.00	44.51 1.59 0.00	47.24 2.12 0.00	50.91 2.84 0.00	55.93 3.41 0.00	59.75 3.38 0.00	60.52 3.16 0.00	74.06 4.45 0.00	81.65 4.69 0.00	80.23 4.83 0.00	76.42 4.46 -0.03	68.83 3.96 0.00	60.45 3.21 0.00	51.34 3.00 0.00	47.63 3.36 -0.05
HUNTLEY___65 23559	47.75 2.66 0.00	44.27 2.47 0.00	39.38 1.62 0.00	36.82 1.04 0.00	37.17 0.98 0.00	39.39 1.48 0.00	43.47 1.27 0.00	44.59 0.70 0.00	44.09 0.22 0.00	43.69 0.48 0.00	44.51 1.59 0.00	47.24 2.12 0.00	50.91 2.84 0.00	55.93 3.41 0.00	59.75 3.38 0.00	60.52 3.16 0.00	74.06 4.45 0.00	81.65 4.69 0.00	80.23 4.83 0.00	76.42 4.46 -0.03	68.83 3.96 0.00	60.45 3.21 0.00	51.34 3.00 0.00	47.63 3.36 -0.05
HUNTLEY___66 23560	47.75 2.66 0.00	44.27 2.47 0.00	39.38 1.62 0.00	36.82 1.04 0.00	37.17 0.98 0.00	39.39 1.48 0.00	43.47 1.27 0.00	44.59 0.70 0.00	44.09 0.22 0.00	43.69 0.48 0.00	44.51 1.59 0.00	47.24 2.12 0.00	50.91 2.84 0.00	55.93 3.41 0.00	59.75 3.38 0.00	60.52 3.16 0.00	74.06 4.45 0.00	81.65 4.69 0.00	80.23 4.83 0.00	76.42 4.46 -0.03	68.83 3.96 0.00	60.45 3.21 0.00	51.34 3.00 0.00	47.63 3.36 -0.05
HUNTLEY___67 23561	47.21 2.12 0.00	43.77 1.96 0.00	38.96 1.21 0.00	36.46 0.68 0.00	36.81 0.62 0.00	39.01 1.10 0.00	43.09 0.89 0.00	44.19 0.31 0.00	43.65 -0.22 0.00	43.25 0.04 0.00	44.00 1.07 0.00	46.70 1.58 0.00	50.34 2.26 0.00	55.24 2.73 0.00	59.02 2.65 0.00	60.01 2.64 0.00	73.43 3.83 0.00	80.96 4.00 0.00	79.55 4.15 0.00	75.84 3.88 -0.02	68.24 3.37 0.00	60.00 2.75 0.00	50.76 2.42 0.00	47.05 2.79 -0.04
HUNTLEY___68 23562	47.21 2.12 0.00	43.77 1.96 0.00	38.96 1.21 0.00	36.46 0.68 0.00	36.81 0.62 0.00	39.01 1.10 0.00	43.09 0.89 0.00	44.19 0.31 0.00	43.65 -0.22 0.00	43.25 0.04 0.00	44.00 1.07 0.00	46.70 1.58 0.00	50.34 2.26 0.00	55.24 2.73 0.00	59.02 2.65 0.00	60.01 2.64 0.00	73.43 3.83 0.00	80.96 4.00 0.00	79.55 4.15 0.00	75.84 3.88 -0.02	68.24 3.37 0.00	60.00 2.75 0.00	50.76 2.42 0.00	47.05 2.79 -0.04



HYLAND___LFGE 323620	47.75 2.66 0.00	44.10 2.30 0.00	39.15 1.40 0.00	36.89 1.11 0.00	37.35 1.16 0.00	39.65 1.74 0.00	44.06 1.85 0.00	45.07 1.19 0.00	43.74 -0.13 0.00	42.82 -0.39 0.00	42.80 -0.13 0.00	45.30 0.18 0.00	48.75 0.67 0.00	53.46 0.95 0.00	57.61 1.24 0.00	58.86 1.49 0.00	71.90 2.29 0.00	80.88 3.92 0.00	80.46 5.05 0.00	77.98 6.04 0.00	70.64 5.77 0.00	62.29 5.04 0.00	52.50 4.16 0.00	47.63 3.41 -0.01
INDECK___CORINTH 23802	46.35 1.26 0.00	42.97 1.17 0.00	38.93 1.17 0.00	36.89 1.11 0.00	37.39 1.19 0.00	39.12 1.21 0.00	43.43 1.22 0.00	45.16 1.27 0.00	45.01 1.14 0.17	44.04 0.99 0.40	43.17 0.64 0.40	45.22 0.72 0.62	47.89 0.58 0.77	52.37 0.53 0.67	56.06 0.28 0.59	57.51 0.52 0.38	69.67 0.70 0.63	78.02 1.08 0.02	76.68 1.28 0.00	73.95 2.01 0.00	67.01 2.14 0.00	59.13 1.89 0.00	49.55 1.21 0.00	45.28 1.06 0.00
INDECK___ILION 23567	44.78 -0.32 0.00	41.47 -0.33 0.00	37.42 -0.34 0.00	35.46 -0.32 0.00	35.90 -0.29 0.00	37.64 -0.27 0.00	41.91 -0.30 0.00	43.62 -0.26 0.00	43.65 -0.22 0.00	43.00 -0.22 0.00	42.75 -0.17 0.00	44.99 -0.14 0.00	47.88 -0.19 0.00	52.30 -0.21 0.00	56.15 -0.23 0.00	57.14 -0.23 0.00	69.26 -0.35 0.00	76.57 -0.38 0.00	75.03 -0.38 0.00	71.58 -0.36 0.00	64.55 -0.32 0.00	57.02 -0.23 0.00	48.10 -0.24 0.00	43.91 -0.31 0.00
INDECK___OLEAN 23982	44.42 -0.68 0.00	41.01 -0.80 0.00	36.43 -1.32 0.00	34.07 -1.72 0.00	34.38 -1.81 0.00	36.73 -1.18 0.00	40.73 -1.48 0.00	41.87 -2.02 0.00	41.46 -2.41 0.00	41.27 -1.94 0.00	41.55 -1.38 0.00	44.22 -0.90 0.00	47.74 -0.33 0.00	52.67 0.16 0.00	56.37 0.00 0.00	57.37 0.00 0.00	70.02 0.42 0.00	77.57 0.61 0.00	76.23 0.83 0.00	72.75 0.79 -0.02	65.00 0.13 0.00	57.25 0.00 0.00	48.34 0.00 0.00	48.06 3.80 -0.03
INDECK___OSWEGO 23783	44.37 -0.72 0.00	41.09 -0.71 0.00	37.00 -0.75 0.00	35.03 -0.75 0.00	35.43 -0.76 0.00	37.19 -0.72 0.00	41.49 -0.72 0.00	43.18 -0.70 0.00	43.08 -0.79 0.00	42.43 -0.78 0.00	42.28 -0.64 0.00	44.09 -1.04 0.00	46.97 -1.10 0.00	51.41 -1.11 0.00	55.24 -1.13 0.00	56.22 -1.15 0.00	68.21 -1.39 0.00	75.57 -1.38 0.00	73.97 -1.43 0.00	70.64 -1.29 0.00	63.70 -1.17 0.00	56.16 -1.09 0.00	47.53 -0.97 -0.16	43.21 -1.02 0.00
INDECK___YERKES 23781	47.93 2.84 0.00	44.44 2.64 0.00	39.42 1.66 0.00	36.82 1.04 0.00	37.24 1.05 0.00	39.54 1.63 0.00	43.51 1.31 0.00	44.63 0.75 0.00	44.18 0.31 0.00	44.16 0.95 0.00	44.73 1.80 0.00	47.42 2.30 0.00	51.01 2.93 0.00	55.98 3.47 0.00	59.98 3.61 0.00	60.58 3.21 0.00	74.06 4.46 0.00	81.73 4.77 0.00	80.23 4.83 0.00	76.43 4.46 -0.03	68.83 3.96 0.00	60.97 3.72 0.00	51.87 3.53 0.00	47.63 3.36 -0.05
INDIAN POINT_GT_1 24139	46.17 1.08 0.00	42.81 1.00 0.00	38.62 0.87 0.00	36.64 0.86 0.00	36.99 0.80 0.00	38.70 0.80 0.00	43.22 1.01 0.00	45.07 1.18 0.00	45.32 1.45 0.00	45.00 1.60 -0.19	44.75 1.37 -0.45	47.30 1.49 -0.69	50.18 1.25 -0.85	54.52 1.26 -0.74	58.33 1.30 -0.66	59.05 1.26 -0.42	71.91 1.60 -0.70	79.05 2.08 -0.02	76.91 1.51 0.00	73.01 1.08 0.00	65.58 0.71 0.00	57.71 0.46 0.00	48.97 0.63 0.00	44.84 0.62 0.00
INDIAN POINT_GT_2 23659	46.17 1.08 0.00	42.81 1.00 0.00	38.62 0.87 0.00	36.64 0.86 0.00	36.99 0.80 0.00	38.70 0.80 0.00	43.22 1.01 0.00	45.07 1.18 0.00	45.32 1.45 0.00	45.00 1.60 -0.19	44.75 1.37 -0.45	47.30 1.49 -0.69	50.18 1.25 -0.85	54.52 1.26 -0.74	58.33 1.30 -0.66	59.05 1.26 -0.42	71.91 1.60 -0.70	79.05 2.08 -0.02	76.91 1.51 0.00	73.01 1.08 0.00	65.58 0.71 0.00	57.71 0.46 0.00	48.97 0.63 0.00	44.84 0.62 0.00
INDIAN POINT_GT_3 24019	46.17 1.08 0.00	42.81 1.00 0.00	38.62 0.87 0.00	36.64 0.86 0.00	36.99 0.80 0.00	38.70 0.80 0.00	43.22 1.01 0.00	45.07 1.18 0.00	45.32 1.45 0.00	45.00 1.60 -0.19	44.75 1.37 -0.45	47.30 1.49 -0.69	50.18 1.25 -0.85	54.52 1.26 -0.74	58.33 1.30 -0.66	59.05 1.26 -0.42	71.91 1.60 -0.70	79.05 2.08 -0.02	76.91 1.51 0.00	73.01 1.08 0.00	65.58 0.71 0.00	57.71 0.46 0.00	48.97 0.63 0.00	44.84 0.62 0.00
INDIAN POINT___2 23530	45.99 0.90 0.00	42.72 0.92 0.00	38.59 0.83 0.00	36.61 0.82 0.00	36.95 0.76 0.00	38.63 0.72 0.00	43.18 0.97 0.00	45.03 1.14 0.00	45.27 1.40 0.00	44.86 1.47 -0.18	44.65 1.29 -0.43	47.19 1.40 -0.67	50.15 1.25 -0.83	54.44 1.21 -0.72	58.20 1.19 -0.64	59.03 1.26 -0.41	71.82 1.53 -0.68	79.13 2.15 -0.02	76.83 1.43 0.00	73.02 1.08 0.00	65.58 0.71 0.00	57.65 0.40 0.00	48.88 0.53 0.00	44.75 0.53 0.00
INDIAN POINT___3 23531	46.13 1.04 0.00	42.77 0.96 0.00	38.59 0.83 0.00	36.61 0.82 0.00	36.95 0.76 0.00	38.67 0.76 0.00	43.18 0.97 0.00	45.03 1.14 0.00	45.27 1.40 0.00	44.91 1.51 -0.19	44.66 1.29 -0.45	47.21 1.40 -0.69	50.13 1.20 -0.86	54.41 1.16 -0.74	58.22 1.18 -0.66	58.93 1.15 -0.42	71.84 1.53 -0.71	78.90 1.92 -0.02	76.76 1.36 0.00	72.94 1.01 0.00	65.52 0.65 0.00	57.65 0.40 0.00	48.92 0.58 0.00	44.80 0.57 0.00
INGHAM_C_115KV_TB7 356103	44.05 -1.04 0.00	40.76 -1.05 0.00	36.77 -0.98 0.00	34.85 -0.93 0.00	35.32 -0.87 0.00	37.04 -0.87 0.00	41.32 -0.89 0.00	42.96 -0.92 0.00	43.04 -0.83 0.00	42.43 -0.78 0.00	42.20 -0.73 0.00	44.40 -0.72 0.00	47.26 -0.82 0.00	51.62 -0.89 0.00	55.41 -0.96 0.00	56.39 -0.98 0.00	68.21 -1.39 0.00	75.42 -1.54 0.00	73.90 -1.51 0.00	70.50 -1.44 0.00	63.64 -1.23 0.00	56.27 -0.97 0.00	47.47 -0.87 0.00	43.29 -0.93 0.00
IP CORINTH___1 23988	46.67 1.58 0.00	43.23 1.42 0.00	39.12 1.36 0.00	37.07 1.29 0.00	37.57 1.38 0.00	39.31 1.40 0.00	43.68 1.48 0.00	45.42 1.54 0.00	45.19 1.32 0.00	44.30 1.25 0.17	43.43 0.90 0.40	45.50 0.99 0.62	48.18 0.87 0.77	52.69 0.84 0.67	56.40 0.62 0.59	57.85 0.86 0.38	70.08 1.11 0.63	78.25 1.31 0.02	77.14 1.73 0.00	74.38 2.45 0.00	67.40 2.53 0.00	59.48 2.23 0.00	49.94 1.60 0.00	45.59 1.37 0.00
IP___TICONDEROGA 23804	48.92 3.83 0.00	45.28 3.47 0.00	40.85 3.10 0.00	38.65 2.86 0.00	39.23 3.04 0.00	41.09 3.18 0.00	45.71 3.50 0.00	47.31 3.42 0.00	46.81 2.94 0.00	45.93 2.90 0.17	45.22 2.70 0.41	47.42 2.93 0.64	50.22 2.93 0.78	55.03 3.20 0.68	58.70 2.93 0.61	60.25 3.27 0.38	73.06 4.11 0.65	81.71 4.77 0.02	80.98 5.58 0.00	78.12 6.19 0.00	71.16 6.29 0.00	62.74 5.50 0.00	52.45 4.11 0.00	47.80 3.58 0.00
ISLIP_RES_REC 323679	44.96 -0.13 0.00	43.31 1.50 0.00	39.04 1.28 0.00	37.00 1.22 0.00	37.28 1.08 0.00	39.01 1.10 0.00	43.56 1.35 0.00	44.85 0.96 0.00	45.01 1.14 0.00	44.96 1.55 -0.19	44.28 1.16 -0.19	47.01 1.40 -0.49	46.07 1.20 3.21	46.94 1.00 6.57	48.50 0.96 8.83	58.87 1.09 -0.41	71.70 1.39 -0.70	62.65 1.92 16.23	55.41 1.20 21.19	46.56 0.72 26.09	45.44 0.20 19.62	44.60 -0.06 12.59	43.73 0.00 4.62	42.68 -0.13 1.41

JAMAICA__27_KV_LOAD 355505	46.90 1.80 0.00	43.35 1.55 0.00	39.04 1.28 0.00	36.96 1.18 0.00	37.35 1.16 0.00	39.08 1.18 0.00	43.89 1.69 0.00	45.95 2.06 0.00	46.37 2.50 0.00	46.08 2.68 -0.19	45.48 2.10 -0.45	48.13 2.30 -0.70	50.82 1.87 -0.87	55.06 1.79 -0.76	58.91 1.86 -0.67	59.51 1.72 -0.43	72.76 2.44 -0.72	79.98 3.00 -0.02	77.67 2.26 0.00	73.66 1.73 0.00	66.17 1.30 0.00	58.11 0.86 0.00	49.70 1.35 0.00	45.55 1.33 0.00
JANIS__SOLAR 323808	47.62 2.52 0.00	44.06 2.26 0.00	39.46 1.70 0.00	37.29 1.50 0.00	37.75 1.56 0.00	39.80 1.89 0.00	44.57 2.36 0.00	46.21 2.32 0.00	45.71 1.84 0.00	44.72 1.51 0.00	44.52 1.59 0.00	46.84 1.71 0.00	50.10 2.02 0.00	54.98 2.47 0.00	59.19 2.82 0.00	60.41 3.04 0.00	73.71 4.11 0.00	82.19 5.24 0.00	80.90 5.50 0.00	77.48 5.54 0.00	69.87 5.00 0.00	61.48 4.24 0.00	51.68 3.33 0.00	47.09 2.87 0.00
JARVIS____ 23743	45.09 0.00 0.00	41.81 0.00 0.00	37.76 0.00 0.00	35.78 0.00 0.00	36.19 0.00 0.00	37.91 0.00 0.00	42.20 0.00 0.00	43.89 0.00 0.00	43.87 0.00 0.00	43.21 0.00 0.00	42.93 0.00 0.00	45.17 0.05 0.00	48.08 0.00 0.00	52.51 0.00 0.00	56.37 0.00 0.00	57.37 0.00 0.00	69.60 0.00 0.00	77.03 0.08 0.00	75.40 0.00 0.00	71.94 0.00 0.00	64.87 0.00 0.00	57.25 0.00 0.00	48.30 -0.05 0.00	44.18 -0.04 0.00
JENNISON____1 23625	47.62 2.53 0.00	44.10 2.30 0.00	39.57 1.81 0.00	37.39 1.61 0.00	37.86 1.66 0.00	39.92 2.01 0.00	44.69 2.49 0.00	46.39 2.50 0.00	46.11 2.24 0.00	45.29 2.07 0.00	45.20 2.28 0.00	47.69 2.57 0.00	51.01 2.93 0.00	55.93 3.41 0.00	60.15 3.78 0.00	61.27 3.90 0.00	74.55 4.94 0.00	82.57 5.62 0.00	81.06 5.66 0.00	77.26 5.32 0.00	69.61 4.74 0.00	61.31 4.06 0.00	51.49 3.14 0.00	46.83 2.61 0.00
JENNISON____2 23626	47.62 2.53 0.00	44.10 2.30 0.00	39.57 1.81 0.00	37.39 1.61 0.00	37.86 1.66 0.00	39.92 2.01 0.00	44.69 2.49 0.00	46.39 2.50 0.00	46.11 2.24 0.00	45.29 2.07 0.00	45.20 2.28 0.00	47.69 2.57 0.00	51.01 2.93 0.00	55.93 3.41 0.00	60.15 3.78 0.00	61.27 3.90 0.00	74.55 4.94 0.00	82.57 5.62 0.00	81.06 5.66 0.00	77.26 5.32 0.00	69.61 4.74 0.00	61.31 4.06 0.00	51.49 3.14 0.00	46.83 2.61 0.00
JERICOHO_RISE_WT_PWR 323719	45.23 0.14 0.00	42.02 0.21 0.00	38.02 0.27 0.00	36.03 0.25 0.00	36.48 0.29 0.00	38.17 0.27 0.00	42.54 0.34 0.00	44.15 0.26 0.00	44.18 0.31 0.00	43.47 0.26 0.00	43.06 0.13 0.00	45.03 -0.09 0.00	48.12 0.05 0.00	52.57 0.05 0.00	56.48 0.11 0.00	57.43 0.06 0.00	69.60 0.00 0.00	76.96 0.00 0.00	75.40 0.00 0.00	72.15 0.22 0.00	65.07 0.20 0.00	58.17 0.29 -0.64	48.57 0.34 0.11	44.66 0.44 0.00
KATONAH__115KV_46KV_TB4 355592	46.44 1.35 0.00	43.06 1.25 0.00	38.81 1.06 0.00	36.82 1.04 0.00	37.21 1.01 0.00	38.93 1.02 0.00	43.43 1.22 0.00	45.29 1.40 0.00	45.58 1.71 0.00	45.26 1.86 -0.19	45.10 1.72 -0.45	47.63 1.80 -0.71	50.54 1.59 -0.87	54.90 1.63 -0.76	58.74 1.69 -0.68	59.52 1.72 -0.43	72.48 2.16 -0.72	79.59 2.62 -0.02	77.44 2.04 0.00	73.52 1.58 0.00	65.97 1.10 0.00	58.05 0.80 0.00	49.26 0.92 0.00	45.06 0.84 0.00
KCE_NY_1 323755	46.76 1.67 0.00	43.35 1.55 0.00	39.19 1.43 0.00	37.18 1.39 0.00	37.64 1.45 0.00	39.35 1.44 0.00	43.77 1.56 0.00	45.46 1.58 0.00	45.36 1.49 0.00	44.33 1.30 0.18	43.70 1.20 0.42	45.78 1.31 0.66	48.51 1.25 0.81	53.06 1.26 0.71	56.93 1.19 0.63	58.34 1.37 0.40	70.67 1.74 0.67	79.09 2.15 0.02	77.74 2.34 0.00	74.38 2.45 0.00	67.33 2.46 0.00	59.37 2.12 0.00	49.89 1.55 0.00	45.64 1.41 0.00
KCE_NY_6_ESR 323823	48.20 3.11 0.00	44.56 2.76 0.00	39.53 1.77 0.00	37.03 1.25 0.00	37.35 1.16 0.00	39.76 1.86 0.00	43.81 1.60 0.00	44.98 1.10 0.00	44.53 0.66 0.00	44.51 1.30 0.00	45.03 2.10 0.00	47.78 2.66 0.00	51.39 3.31 0.00	56.45 3.94 0.00	60.48 4.11 0.00	61.38 4.01 0.00	75.04 5.43 0.00	82.88 5.93 0.00	81.36 5.96 0.00	77.50 5.54 -0.02	69.74 4.87 0.00	61.48 4.24 0.00	52.21 3.87 0.00	47.98 3.72 -0.04
KEDC PORT_JEFF_GT2 24210	44.60 -0.50 0.00	43.02 1.21 0.00	38.81 1.06 0.00	36.78 1.00 0.00	37.06 0.87 0.00	38.74 0.83 0.00	43.26 1.06 0.00	44.50 0.61 0.00	44.70 0.83 0.00	44.66 1.25 -0.19	43.93 0.81 -0.19	46.56 0.95 -0.49	45.56 0.72 3.24	46.41 0.53 6.63	47.97 0.51 8.90	58.35 0.57 -0.41	70.59 0.28 -0.70	61.28 0.69 16.37	54.57 0.53 21.37	45.70 0.07 26.31	44.76 -0.32 19.78	43.99 -0.57 12.69	43.30 -0.39 4.66	42.36 -0.44 1.42
KEDC PORT_JEFF_GT3 24211	44.60 -0.50 0.00	43.02 1.21 0.00	38.81 1.06 0.00	36.78 1.00 0.00	37.06 0.87 0.00	38.74 0.83 0.00	43.26 1.06 0.00	44.50 0.61 0.00	44.70 0.83 0.00	44.66 1.25 -0.19	43.93 0.81 -0.19	46.56 0.95 -0.49	45.56 0.72 3.24	46.41 0.53 6.63	47.97 0.51 8.90	58.35 0.57 -0.41	70.59 0.28 -0.70	61.28 0.69 16.37	54.57 0.53 21.37	45.70 0.07 26.31	44.76 -0.32 19.78	43.99 -0.57 12.69	43.30 -0.39 4.66	42.36 -0.44 1.42
KEDC_GLWD_GT4 24219	45.86 0.77 0.00	43.18 1.38 0.00	38.96 1.21 0.00	36.93 1.14 0.00	37.28 1.08 0.00	38.97 1.06 0.00	43.56 1.35 0.00	45.20 1.32 0.00	45.49 1.62 0.00	45.26 1.86 -0.19	44.96 1.67 -0.37	47.60 1.85 -0.63	49.26 1.68 0.49	52.45 1.63 1.69	55.11 1.24 2.50	59.11 1.32 -0.42	71.98 1.67 -0.71	73.70 2.15 5.41	69.60 1.28 7.08	64.09 0.87 8.71	58.77 0.46 6.56	53.16 0.11 4.21	47.38 0.58 1.54	44.28 0.53 0.47
KEDC_GLWD_GT5 24220	45.86 0.77 0.00	43.18 1.38 0.00	38.96 1.21 0.00	36.93 1.14 0.00	37.28 1.08 0.00	38.97 1.06 0.00	43.56 1.35 0.00	45.20 1.32 0.00	45.49 1.62 0.00	45.26 1.86 -0.19	44.96 1.67 -0.37	47.60 1.85 -0.63	49.26 1.68 0.49	52.45 1.63 1.69	55.11 1.24 2.50	59.11 1.32 -0.42	71.98 1.67 -0.71	73.70 2.15 5.41	69.60 1.28 7.08	64.09 0.87 8.71	58.77 0.46 6.56	53.16 0.11 4.21	47.38 0.58 1.54	44.28 0.53 0.47
KENSICO____ 23655	46.31 1.22 0.00	42.93 1.13 0.00	38.74 0.98 0.00	36.71 0.93 0.00	37.10 0.90 0.00	38.78 0.87 0.00	43.34 1.14 0.00	45.20 1.32 0.00	45.54 1.67 0.00	45.18 1.77 -0.19	44.92 1.55 -0.45	47.49 1.67 -0.70	50.39 1.44 -0.87	54.69 1.42 -0.76	58.51 1.47 -0.67	59.17 1.38 -0.42	72.13 1.81 -0.72	79.29 2.31 -0.02	77.14 1.73 0.00	73.23 1.29 0.00	65.78 0.91 0.00	57.82 0.57 0.00	49.12 0.77 0.00	44.97 0.75 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	46.64 1.62 0.07	43.23 1.42 0.00	39.00 1.25 0.00	37.00 1.22 0.00	37.35 1.16 0.00	39.08 1.18 0.00	43.64 1.43 0.00	45.44 1.58 0.03	45.59 1.75 0.03	45.10 1.77 -0.12	44.75 1.55 -0.27	47.22 1.67 -0.42	50.15 1.63 -0.44	54.49 1.79 -0.19	58.33 1.97 0.02	59.16 2.01 0.21	71.72 2.64 0.53	78.99 3.31 1.27	77.12 2.94 1.22	74.45 2.52 0.00	67.01 2.14 0.00	58.85 1.60 0.00	49.64 1.40 0.11	45.42 1.19 0.00

KLAC_JFK_GT1 23816	46.58 1.49 0.00	43.10 1.30 0.00	38.81 1.06 0.00	36.75 0.97 0.00	37.13 0.94 0.00	38.85 0.95 0.00	43.64 1.43 0.00	45.69 1.80 0.00	46.11 2.24 0.00	45.82 2.42 -0.19	45.23 1.85 -0.45	47.81 1.99 -0.70	50.29 1.35 -0.87	54.53 1.26 -0.76	58.34 1.30 -0.67	58.94 1.15 -0.43	71.99 1.67 -0.72	79.13 2.15 -0.02	76.84 1.43 0.00	72.87 0.94 0.00	65.45 0.58 0.00	57.48 0.23 0.00	49.17 0.82 0.00	45.24 1.02 0.00
KIAC_JFK_GT2 23817	46.58 1.49 0.00	43.10 1.30 0.00	38.81 1.06 0.00	36.75 0.97 0.00	37.13 0.94 0.00	38.85 0.95 0.00	43.64 1.43 0.00	45.69 1.80 0.00	46.11 2.24 0.00	45.82 2.42 -0.19	45.23 1.85 -0.45	47.81 1.99 -0.70	50.29 1.35 -0.87	54.53 1.26 -0.76	58.34 1.30 -0.67	58.94 1.15 -0.43	71.99 1.67 -0.72	79.13 2.15 -0.02	76.84 1.43 0.00	72.87 0.94 0.00	65.45 0.58 0.00	57.48 0.23 0.00	49.17 0.82 0.00	45.24 1.02 0.00
KIAC_JFK____ 323774	46.44 1.35 0.00	43.06 1.25 0.00	38.81 1.06 0.00	36.75 0.97 0.00	37.13 0.94 0.00	38.82 0.91 0.00	43.64 1.44 0.00	45.69 1.80 0.00	46.06 2.19 0.00	45.74 2.33 -0.19	45.18 1.80 -0.45	47.77 1.94 -0.70	50.29 1.34 -0.87	54.53 1.26 -0.76	58.23 1.19 -0.67	59.00 1.21 -0.43	71.99 1.67 -0.72	79.28 2.31 -0.02	76.83 1.43 0.00	72.87 0.93 0.00	65.45 0.58 0.00	57.42 0.17 0.00	49.07 0.73 0.00	45.15 0.93 0.00
KINTIGH_24_KV_GSU 356498	46.71 1.62 0.00	43.31 1.50 0.00	38.51 0.75 0.00	36.07 0.28 0.00	36.45 0.26 0.00	38.70 0.80 0.00	42.67 0.47 0.00	43.89 0.00 0.00	43.39 -0.48 0.00	43.25 0.04 0.00	43.66 0.73 0.00	46.16 1.04 0.00	49.52 1.44 0.00	54.30 1.79 0.00	58.29 1.92 0.00	59.15 1.78 0.00	72.18 2.58 0.00	79.88 2.92 0.00	78.27 2.86 0.00	74.61 2.66 -0.01	67.27 2.40 0.00	59.31 2.06 0.00	50.42 2.08 0.00	45.98 1.72 -0.04
KINTIGH____ 23543	46.58 1.49 0.00	43.23 1.42 0.00	38.51 0.76 0.00	36.07 0.29 0.00	36.45 0.25 0.00	38.59 0.68 0.00	42.67 0.46 0.00	43.84 -0.04 0.00	43.34 -0.53 0.00	42.91 -0.30 0.00	43.48 0.56 0.00	46.07 0.95 0.00	49.52 1.44 0.00	54.30 1.79 0.00	58.06 1.69 0.00	59.15 1.78 0.00	72.18 2.58 0.00	79.80 2.85 0.00	78.27 2.87 0.00	74.61 2.66 -0.01	67.27 2.40 0.00	59.14 1.89 0.00	50.04 1.69 0.00	46.21 1.95 -0.04
KNTFSRNC_46_KV_46KV_LOAD 80397	45.18 0.09 0.00	42.27 0.46 0.00	38.28 0.53 0.00	36.28 0.50 0.00	36.74 0.54 0.00	38.40 0.49 0.00	42.80 0.59 0.00	44.41 0.53 0.00	44.48 0.61 0.00	43.73 0.52 0.00	43.31 0.39 0.00	45.08 -0.05 0.00	48.32 0.24 0.00	52.83 0.32 0.00	56.77 0.39 0.00	57.88 0.52 0.00	70.02 0.42 0.00	77.88 0.92 0.00	76.01 0.60 0.00	72.73 0.79 0.00	65.65 0.78 0.00	58.15 0.69 0.00	48.55 0.63 0.42	44.66 0.44 0.00
LACHUTE____HYDRO 323717	48.88 3.79 0.00	45.27 3.47 0.00	40.85 3.10 0.00	38.65 2.86 0.00	39.23 3.04 0.00	41.09 3.18 0.00	45.71 3.50 0.00	47.35 3.47 0.00	46.99 3.12 0.00	45.89 2.85 0.17	45.22 2.71 0.41	47.42 2.93 0.64	50.22 2.93 0.78	55.03 3.20 0.68	58.64 2.87 0.61	60.25 3.27 0.38	73.06 4.11 0.65	81.94 5.00 0.02	80.98 5.58 0.00	78.12 6.19 0.00	71.16 6.29 0.00	62.74 5.50 0.00	52.31 3.97 0.00	47.76 3.54 0.00
LAWRNCV_115KV_TB1 80681	46.17 1.08 0.00	42.93 1.13 0.00	38.85 1.09 0.00	36.82 1.04 0.00	37.28 1.09 0.00	39.01 1.10 0.00	43.43 1.22 0.00	45.03 1.14 0.																

LITTLRIV_115KV_TB1 356100	46.81 1.71 0.00	43.56 1.76 0.00	39.38 1.62 0.00	37.32 1.54 0.00	37.82 1.63 0.00	39.61 1.71 0.00	44.10 1.90 0.00	45.60 1.71 0.00	45.41 1.54 0.00	44.55 1.34 0.00	44.04 1.12 0.00	46.16 1.04 0.00	49.37 1.30 0.00	53.93 1.42 0.00	58.01 1.63 0.00	59.15 1.78 0.00	71.00 1.39 0.00	78.96 2.00 0.00	77.06 1.66 0.00	74.02 2.09 0.00	66.88 2.01 0.00	66.13 2.75 -6.13	65.05 2.56 -14.14	46.30 2.08 0.00
LI_NEWBRDGE___DRP 323616	45.86 0.77 0.00	42.93 1.13 0.00	38.59 0.83 0.00	36.57 0.79 0.00	36.88 0.69 0.00	38.59 0.68 0.00	43.09 0.89 0.00	44.59 0.70 0.00	45.01 1.14 0.00	44.87 1.47 -0.19	43.91 0.82 -0.17	46.49 0.90 -0.47	45.08 0.58 3.57	45.75 0.47 7.23	47.14 0.45 9.68	58.12 0.34 -0.41	70.86 0.56 -0.70	60.10 0.85 17.70	52.53 0.23 23.10	43.27 -0.22 28.45	43.09 -0.39 21.39	42.95 -0.57 13.72	43.02 -0.29 5.03	42.46 -0.22 1.54
LOCKPORT_115KV_TB60_63_64 80432	47.12 2.03 0.00	43.69 1.88 0.00	38.81 1.06 0.00	36.36 0.57 0.00	36.70 0.51 0.00	38.89 0.99 0.00	43.01 0.80 0.00	44.11 0.22 0.00	43.52 -0.35 0.00	43.08 -0.13 0.00	43.87 0.94 0.00	46.52 1.40 0.00	50.14 2.07 0.00	54.98 2.47 0.00	58.80 2.42 0.00	59.78 2.41 0.00	73.15 3.55 0.00	80.73 3.77 0.00	79.40 4.00 0.00	75.65 3.67 -0.04	68.18 3.31 0.00	59.88 2.63 0.00	50.71 2.37 0.00	46.98 2.70 -0.06
LOCKPORT___CC1 323769	47.39 2.30 0.00	43.81 2.01 0.00	38.85 1.10 0.00	36.46 0.68 0.00	36.70 0.51 0.00	39.16 1.25 0.00	43.00 0.80 0.00	44.11 0.22 0.00	43.52 -0.35 0.00	43.47 0.26 0.00	44.00 1.07 0.00	46.66 1.54 0.00	50.10 2.02 0.00	54.98 2.47 0.00	58.97 2.59 0.00	59.78 2.41 0.00	73.08 3.48 0.00	80.80 3.85 0.00	79.32 3.92 0.00	75.57 3.60 -0.04	68.11 3.24 0.00	60.05 2.80 0.00	51.15 2.80 0.00	46.89 2.61 -0.06
LOCKPORT___CC2 323770	47.39 2.30 0.00	43.81 2.01 0.00	38.85 1.10 0.00	36.46 0.68 0.00	36.70 0.51 0.00	39.16 1.25 0.00	43.00 0.80 0.00	44.11 0.22 0.00	43.52 -0.35 0.00	43.47 0.26 0.00	44.00 1.07 0.00	46.66 1.54 0.00	50.10 2.02 0.00	54.98 2.47 0.00	58.97 2.59 0.00	59.78 2.41 0.00	73.08 3.48 0.00	80.80 3.85 0.00	79.32 3.92 0.00	75.57 3.60 -0.04	68.11 3.24 0.00	60.05 2.80 0.00	51.15 2.80 0.00	46.89 2.61 -0.06
LOCKPORT___CC3 323771	47.39 2.30 0.00	43.81 2.01 0.00	38.85 1.10 0.00	36.46 0.68 0.00	36.70 0.51 0.00	39.16 1.25 0.00	43.00 0.80 0.00	44.11 0.22 0.00	43.52 -0.35 0.00	43.47 0.26 0.00	44.00 1.07 0.00	46.66 1.54 0.00	50.10 2.02 0.00	54.98 2.47 0.00	58.97 2.59 0.00	59.78 2.41 0.00	73.08 3.48 0.00	80.80 3.85 0.00	79.32 3.92 0.00	75.57 3.60 -0.04	68.11 3.24 0.00	60.05 2.80 0.00	51.15 2.80 0.00	46.89 2.61 -0.06
LOCUSVLY_69_KV_BK2 55797	46.44 1.35 0.00	43.35 1.55 0.00	38.96 1.21 0.00	36.93 1.15 0.00	37.24 1.05 0.00	38.97 1.06 0.00	43.56 1.35 0.00	45.16 1.27 0.00	45.58 1.71 0.00	45.43 2.03 -0.19	44.79 1.55 -0.32	47.43 1.71 -0.59	48.35 1.49 1.22	50.99 1.47 2.99	53.60 1.41 4.19	59.10 1.32 -0.42	72.05 1.74 -0.71	70.74 2.08 8.29	65.92 1.36 10.84	59.39 0.79 13.34	55.29 0.45 10.04	51.10 0.29 6.44	46.42 0.44 2.36	43.90 0.40 0.72
LONG_LAKE_PHOENIX 24014	44.55 -0.54 0.00	41.30 -0.50 0.00	37.19 -0.57 0.00	35.21 -0.57 0.00	35.61 -0.58 0.00	37.38 -0.53 0.00	41.74 -0.46 0.00	43.45 -0.44 0.00	43.34 -0.53 0.00	42.69 -0.52 0.00	42.58 -0.34 0.00	44.72 -0.41 0.00	47.74 -0.34 0.00	52.30 -0.21 0.00	56.15 -0.23 0.00	57.20 -0.17 0.00	69.39 -0.21 0.00	76.73 -0.23 0.00	75.25 -0.15 0.00	71.79 -0.14 0.00	64.68 -0.19 0.00	57.02 -0.23 0.00	48.13 -0.34 -0.12	43.82 -0.40 0.00
LOVETT___3 23632	46.04 0.95 0.00	42.68 0.88 0.00	38.51 0.76 0.00	36.53 0.75 0.00	36.92 0.72 0.00	38.59 0.68 0.00	43.09 0.89 0.00	44.94 1.05 0.00	45.19 1.32 0.00	44.86 1.47 -0.18	44.60 1.24 -0.43	47.14 1.35 -0.67	50.00 1.11 -0.82	54.33 1.10 -0.72	58.14 1.13 -0.64	58.86 1.09 -0.40	71.67 1.39 -0.68	78.75 1.77 -0.02	76.68 1.28 0.00	72.87 0.94 0.00	65.45 0.58 0.00	57.53 0.29 0.00	48.88 0.53 0.00	44.75 0.53 0.00
LOVETT___4 23642	46.04 0.95 0.00	42.68 0.88 0.00	38.51 0.76 0.00	36.53 0.75 0.00	36.92 0.72 0.00	38.59 0.68 0.00	43.09 0.89 0.00	44.94 1.05 0.00	45.19 1.32 0.00	44.86 1.47 -0.18	44.60 1.24 -0.43	47.14 1.35 -0.67	50.00 1.11 -0.82	54.33 1.10 -0.72	58.14 1.13 -0.64	58.86 1.09 -0.40	71.67 1.39 -0.68	78.75 1.77 -0.02	76.68 1.28 0.00	72.87 0.94 0.00	65.45 0.58 0.00	57.53 0.29 0.00	48.88 0.53 0.00	44.75 0.53 0.00
LOVETT___5 23593	46.04 0.95 0.00	42.68 0.88 0.00	38.51 0.76 0.00	36.53 0.75 0.00	36.92 0.72 0.00	38.59 0.68 0.00	43.09 0.89 0.00	44.94 1.05 0.00	45.19 1.32 0.00	44.86 1.47 -0.18	44.60 1.24 -0.43	47.14 1.35 -0.67	50.00 1.11 -0.82	54.33 1.10 -0.72	58.14 1.13 -0.64	58.86 1.09 -0.40	71.67 1.39 -0.68	78.75 1.77 -0.02	76.68 1.28 0.00	72.87 0.94 0.00	65.45 0.58 0.00	57.53 0.29 0.00	48.88 0.53 0.00	44.75 0.53 0.00
LOWER RAQUET___HYD 24057	46.35 1.26 0.00	43.06 1.25 0.00	38.93 1.17 0.00	36.89 1.11 0.00	37.35 1.16 0.00	39.12 1.21 0.00	43.56 1.35 0.00	45.16 1.27 0.00	45.06 1.18 0.00	44.25 1.04 0.00	43.78 0.86 0.00	45.89 0.77 0.00	49.13 1.06 0.00	53.67 1.15 0.00	57.67 1.30 0.00	58.63 1.26 0.00	70.51 0.90 0.00	78.03 1.08 0.00	76.08 0.68 0.00	72.94 1.01 0.00	65.71 0.84 0.00	65.08 1.95 -5.89	64.06 1.94 -13.78	45.90 1.68 0.00
LOWER___HUDSON 24059	45.90 0.81 0.00	42.60 0.79 0.00	38.51 0.75 0.00	36.57 0.79 0.00	36.99 0.80 0.00	38.66 0.76 0.00	43.00 0.80 0.00	44.72 0.83 0.00	44.66 0.79 0.00	43.63 0.65 0.23	42.94 0.56 0.55	44.86 0.59 0.85	47.51 0.48 1.05	52.02 0.42 0.91	55.90 0.34 0.81	57.31 0.46 0.51	69.30 0.55 0.86	77.78 0.85 0.02	76.31 0.91 0.00	72.80 0.87 0.00	65.78 0.91 0.00	57.99 0.74 0.00	48.83 0.48 0.00	44.75 0.53 0.00
LOWVILLE_115KV_TB2 356335	47.17 2.07 0.00	43.77 1.96 0.00	39.38 1.62 0.00	37.32 1.54 0.00	37.86 1.66 0.00	39.80 1.90 0.00	44.40 2.19 0.00	46.34 2.46 0.00	46.02 2.15 0.00	45.03 1.81 0.00	44.73 1.80 0.00	47.02 1.90 0.00	50.14 2.07 0.00	54.88 2.36 0.00	58.91 2.54 0.00	60.01 2.64 0.00	72.32 2.71 0.00	80.27 3.31 0.00	78.87 3.47 0.00	75.68 3.74 0.00	68.44 3.57 0.00	62.02 3.49 -1.28	54.09 2.76 -2.99	46.30 2.08 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	46.76 1.67 0.00	43.35 1.55 0.00	39.15 1.40 0.00	37.14 1.36 0.00	37.60 1.41 0.00	39.35 1.44 0.00	43.72 1.52 0.00	45.42 1.54 0.00	45.27 1.40 0.00	44.33 1.30 0.18	43.66 1.16 0.42	45.73 1.26 0.66	48.47 1.20 0.81	53.01 1.21 0.71	56.87 1.13 0.63	58.29 1.32 0.40	70.60 1.67 0.67	78.86 1.92 0.02	77.67 2.26 0.00	74.31 2.37 0.00	67.27 2.40 0.00	59.31 2.06 0.00	49.94 1.60 0.00	45.68 1.46 0.00

LUTHERNY_35_KV_BK2 355980	46.81 1.71 0.00	43.35 1.55 0.00	39.19 1.43 0.00	37.18 1.40 0.00	37.64 1.45 0.00	39.35 1.44 0.00	43.77 1.56 0.00	45.47 1.58 0.00	45.27 1.40 0.00	44.37 1.34 0.18	43.70 1.20 0.42	45.77 1.31 0.66	48.52 1.25 0.81	53.07 1.26 0.71	56.93 1.18 0.63	58.35 1.38 0.40	70.67 1.74 0.67	78.94 2.00 0.02	77.74 2.34 0.00	74.38 2.45 0.00	67.34 2.47 0.00	59.37 2.12 0.00	49.94 1.60 0.00	45.68 1.46 0.00
LWR___OSWEGATCHIE_HYD 23850	46.58 1.49 0.00	43.27 1.46 0.00	39.04 1.28 0.00	37.00 1.22 0.00	37.50 1.30 0.00	39.31 1.40 0.00	43.85 1.65 0.00	45.55 1.67 0.00	45.36 1.49 0.00	44.51 1.30 0.00	44.09 1.16 0.00	46.25 1.13 0.00	49.42 1.35 0.00	54.04 1.52 0.00	58.06 1.69 0.00	59.20 1.84 0.00	71.13 1.53 0.00	78.96 2.00 0.00	77.06 1.66 0.00	73.95 2.01 0.00	66.69 1.82 0.00	64.19 2.52 -4.43	60.93 2.22 -10.36	45.95 1.72 0.00
LYONS_FALL_HYD 23570	46.85 1.76 0.00	43.43 1.63 0.00	39.08 1.32 0.00	37.03 1.25 0.00	37.53 1.34 0.00	39.46 1.55 0.00	44.02 1.81 0.00	46.08 2.19 0.00	45.85 1.98 0.00	44.94 1.73 0.00	44.65 1.72 0.00	46.97 1.85 0.00	50.10 2.02 0.00	54.82 2.31 0.00	58.91 2.54 0.00	59.95 2.58 0.00	72.18 2.58 0.00	80.04 3.08 0.00	78.50 3.09 0.00	75.18 3.24 0.00	67.92 3.05 0.00	61.01 2.92 -0.85	52.60 2.27 -1.98	45.99 1.77 0.00
MADISON___COUNTY_LFGE 323628	46.53 1.44 0.00	43.10 1.30 0.00	38.78 1.02 0.00	36.71 0.93 0.00	37.21 1.01 0.00	39.08 1.18 0.00	43.64 1.43 0.00	45.42 1.54 0.00	45.27 1.40 0.00	44.46 1.25 0.00	44.30 1.37 0.00	46.70 1.58 0.00	49.81 1.73 0.00	54.51 2.00 0.00	58.63 2.25 0.00	59.72 2.35 0.00	72.39 2.78 0.00	80.04 3.08 0.00	78.49 3.09 0.00	75.03 3.09 0.00	67.66 2.79 0.00	59.96 2.46 -0.26	50.83 1.89 -0.60	45.68 1.46 0.00
MALONE___115KV_TB1 356076	45.86 0.77 0.00	42.73 0.92 0.00	38.70 0.94 0.00	36.68 0.89 0.00	37.13 0.94 0.00	38.85 0.95 0.00	43.30 1.10 0.00	44.94 1.05 0.00	44.97 1.10 0.00	44.21 0.99 0.00	43.78 0.86 0.00	45.75 0.63 0.00	49.04 0.96 0.00	53.62 1.10 0.00	57.67 1.30 0.00	58.80 1.43 0.00	70.93 1.32 0.00	78.88 1.92 0.00	76.91 1.51 0.00	73.59 1.65 0.00	66.43 1.56 0.00	60.86 1.66 -1.96	60.76 1.50 -10.92	45.42 1.19 0.00
MAPLEWOD_115KV_TB3 80458	45.50 0.41 0.00	42.18 0.38 0.00	38.13 0.38 0.00	36.21 0.43 0.00	36.63 0.43 0.00	38.29 0.38 0.00	42.54 0.34 0.00	44.28 0.39 0.00	44.31 0.44 0.00	43.43 0.39 0.17	42.82 0.30 0.41	44.85 0.36 0.63	47.49 0.19 0.78	51.94 0.11 0.68	55.77 0.00 0.61	56.98 0.00 0.38	69.03 0.07 0.65	77.02 0.08 0.02	75.63 0.23 0.00	72.08 0.14 0.00	65.13 0.26 0.00	57.42 0.17 0.00	48.44 0.10 0.00	44.40 0.18 0.00
MAPLE_RIDGE_WT_1 323574	45.05 -0.05 0.00	41.76 -0.04 0.00	37.68 -0.08 0.00	35.68 -0.11 0.00	36.08 -0.11 0.00	37.79 -0.11 0.00	42.12 -0.08 0.00	43.80 -0.09 0.00	43.83 -0.04 0.00	43.21 0.00 0.00	42.93 0.00 0.00	45.08 -0.05 0.00	48.08 0.00 0.00	52.46 -0.05 0.00	56.32 -0.06 0.00	57.31 -0.06 0.00	69.53 -0.07 0.00	76.80 -0.15 0.00	75.25 -0.15 0.00	71.86 -0.07 0.00	64.81 -0.06 0.00	57.19 -0.06 0.00	48.30 -0.05 0.00	44.13 -0.09 0.00
MAPLE_RIDGE_WT_2 323611	45.05 -0.05 0.00	41.76 -0.04 0.00	37.68 -0.08 0.00	35.68 -0.11 0.00	36.08 -0.11 0.00	37.79 -0.11 0.00	42.12 -0.08 0.00	43.80 -0.09 0.00	43.83 -0.04 0.00	43.21 0.00 0.00	42.93 0.00 0.00	45.08 -0.05 0.00	48.08 0.00 0.00	52.46 -0.05 0.00	56.32 -0.06 0.00	57.31 -0.06 0.00	69.53 -0.07 0.00	76.80 -0.15 0.00	75.25 -0.15 0.00	71.86 -0.07 0.00	64.81 -0.06 0.00	57.19 -0.06 0.00	48.30 -0.05 0.00	44.13 -0.09 0.00
MARBLE_RIVER_WT_PWR 323696	45.23 0.14 0.00	41.97 0.17 0.00	37.98 0.23 0.00	36.03 0.25 0.00	36.48 0.29 0.00	38.14 0.23 0.00	42.50 0.30 0.00	44.15 0.26 0.00	44.18 0.31 0.00	43.47 0.26 0.00	43.06 0.13 0.00	44.99 -0.13 0.00	48.12 0.05 0.00	52.51 0.00 0.00	56.43 0.06 0.00	57.37 0.00 0.00	69.53 -0.07 0.00	76.88 -0.08 0.00	75.33 -0.08 0.00	72.01 0.07 0.00	65.00 0.13 0.00	57.48 0.23 0.00	48.00 0.29 0.63	44.62 0.40 0.00
MARSHVLE_115KV_TB1 80742	48.97 3.88 0.00	45.32 3.51 0.00	40.81 3.06 0.00	38.65 2.86 0.00	39.20 3.00 0.00	41.17 3.26 0.00	45.83 3.63 0.00	47.18 3.29 0.00	46.63 2.76 0.00	45.61 2.51 0.10	45.26 2.58 0.25	47.40 2.66 0.38	50.35 2.74 0.47	55.15 3.05 0.41	59.22 3.21 0.36	60.75 3.61 0.23	73.60 4.39 0.39	82.10 5.16 0.01	81.51 6.11 0.00	78.27 6.33 0.00	71.10 6.23 0.00	62.80 5.55 0.00	52.69 4.35 0.00	47.98 3.76 0.00
MARSH_HILL_WT_PWR 323713	47.48 2.39 0.00	43.85 2.05 0.00	39.04 1.28 0.00	36.68 0.89 0.00	37.06 0.87 0.00	39.31 1.40 0.00	43.77 1.56 0.00	45.03 1.14 0.00	44.40 0.53 0.00	43.90 0.69 0.00	44.13 1.20 0.00	46.70 1.58 0.00	50.19 2.11 0.00	55.24 2.73 0.00	59.30 2.93 0.00	60.23 2.87 0.00	73.36 3.76 0.00	81.57 4.62 0.00	80.23 4.83 0.00	76.77 4.82 -0.01	69.08 4.21 0.00	60.80 3.55 0.00	51.29 2.95 0.00	47.60 3.36 -0.02
MCINTYRE_115KV_TB2 80467	46.99 1.89 0.00	43.73 1.92 0.00	39.53 1.77 0.00	37.46 1.68 0.00	37.97 1.77 0.00	39.76 1.86 0.00	44.23 2.03 0.00	45.64 1.76 0.00	45.41 1.54 0.00	44.46 1.25 0.00	43.96 1.03 0.00	46.03 0.90 0.00	49.28 1.20 0.00	53.83 1.31 0.00	57.89 1.52 0.00	59.03 1.66 0.00	71.00 1.39 0.00	79.03 2.08 0.00	77.44 2.04 0.00	74.38 2.45 0.00	67.46 2.59 0.00	66.80 3.03 -6.52	65.78 2.71 -14.73	46.48 2.26 0.00
MECO_____69_KV_BK1 80468	49.06 3.97 0.00	45.40 3.60 0.00	40.89 3.13 0.00	38.68 2.90 0.00	39.27 3.08 0.00	41.20 3.30 0.00	45.92 3.71 0.00	47.31 3.42 0.00	46.63 2.76 0.00	45.47 2.38 0.12	44.93 2.28 0.27	47.00 2.30 0.42	49.91 2.36 0.52	54.63 2.57 0.45	58.56 2.59 0.40	60.27 3.16 0.26	73.42 4.25 0.43	82.18 5.23 0.01	81.81 6.41 0.00	78.48 6.55 0.00	71.23 6.36 0.00	62.80 5.55 0.00	52.69 4.35 0.00	47.98 3.76 0.00
MENANDS___115KV_TB5 355628	45.09 0.00 0.00	41.81 0.00 0.00	37.83 0.08 0.00	35.93 0.14 0.00	36.34 0.14 0.00	37.98 0.08 0.00	42.20 0.00 0.00	43.93 0.04 0.00	44.00 0.13 0.00	43.08 0.04 0.17	42.48 -0.04 0.41	44.49 0.00 0.63	47.10 -0.19 0.78	51.52 -0.32 0.68	55.32 -0.45 0.60	56.53 -0.46 0.38	68.40 -0.56 0.64	76.32 -0.62 0.02	74.88 -0.53 0.00	71.36 -0.58 0.00	64.42 -0.45 0.00	56.85 -0.40 0.00	47.96 -0.39 0.00	44.00 -0.22 0.00
MG INDUSTRY___DRP 24185	43.80 -0.81 0.48	41.05 -0.75 0.00	37.19 -0.57 0.00	35.35 -0.43 0.00	35.76 -0.43 0.00	37.34 -0.57 0.00	41.40 -0.80 0.00	42.86 -0.83 0.19	42.79 -0.88 0.21	42.16 -0.95 0.10	41.63 -1.07 0.23	43.60 -1.17 0.35	45.61 -1.44 1.02	48.67 -1.68 2.16	51.37 -1.86 3.14	52.15 -1.89 3.33	60.64 -2.23 6.73	66.06 -2.39 8.51	65.16 -2.19 8.06	69.83 -2.09 0.02	63.10 -1.75 0.02	55.74 -1.49 0.02	46.36 -1.26 0.73	43.16 -1.06 0.00

MID___OSWEGATCHIE_HYD 23849	46.58 1.49 0.00	43.27 1.46 0.00	39.04 1.28 0.00	37.00 1.22 0.00	37.50 1.30 0.00	39.31 1.40 0.00	43.85 1.65 0.00	45.55 1.67 0.00	45.36 1.49 0.00	44.51 1.30 0.00	44.09 1.16 0.00	46.25 1.13 0.00	49.42 1.35 0.00	54.04 1.52 0.00	58.06 1.69 0.00	59.20 1.84 0.00	71.13 1.53 0.00	78.96 2.00 0.00	77.06 1.66 0.00	73.95 2.01 0.00	66.69 1.82 0.00	64.19 2.52 -4.43	60.93 2.22 -10.36	45.95 1.72 0.00
MID___RAQUETTE_HYD 23851	46.26 1.17 0.00	43.06 1.25 0.00	38.93 1.17 0.00	36.89 1.11 0.00	37.35 1.16 0.00	39.12 1.21 0.00	43.56 1.35 0.00	45.16 1.27 0.00	45.06 1.18 0.00	44.25 1.04 0.00	43.78 0.86 0.00	45.89 0.77 0.00	49.13 1.06 0.00	53.67 1.16 0.00	57.67 1.30 0.00	58.80 1.43 0.00	70.51 0.90 0.00	78.34 1.39 0.00	76.08 0.68 0.00	72.94 1.01 0.00	65.71 0.84 0.00	65.08 1.95 -5.89	64.05 1.93 -13.78	45.81 1.59 0.00
MILLIKEN___1 23584	46.31 1.22 0.00	42.85 1.05 0.00	38.51 0.76 0.00	36.36 0.57 0.00	36.77 0.58 0.00	38.67 0.76 0.00	43.26 1.06 0.00	44.98 1.10 0.00	44.75 0.88 0.00	43.99 0.78 0.00	43.87 0.94 0.00	46.16 1.04 0.00	49.37 1.30 0.00	54.14 1.63 0.00	58.18 1.80 0.00	59.32 1.95 0.00	72.11 2.51 0.00	79.96 3.00 0.00	78.49 3.09 0.00	75.03 3.09 0.00	67.59 2.72 0.00	59.54 2.29 0.00	50.08 1.74 0.00	45.68 1.46 0.00
MILLIKEN___2 23585	46.31 1.22 0.00	42.85 1.05 0.00	38.51 0.76 0.00	36.36 0.57 0.00	36.77 0.58 0.00	38.67 0.76 0.00	43.26 1.06 0.00	44.98 1.10 0.00	44.75 0.88 0.00	43.99 0.78 0.00	43.87 0.94 0.00	46.16 1.04 0.00	49.37 1.30 0.00	54.14 1.63 0.00	58.18 1.80 0.00	59.32 1.95 0.00	72.11 2.51 0.00	79.96 3.00 0.00	78.49 3.09 0.00	75.03 3.09 0.00	67.59 2.72 0.00	59.54 2.29 0.00	50.08 1.74 0.00	45.68 1.46 0.00
MILLIKEN___DIESEL 23629	46.31 1.22 0.00	42.85 1.05 0.00	38.51 0.76 0.00	36.36 0.57 0.00	36.77 0.58 0.00	38.67 0.76 0.00	43.26 1.06 0.00	44.98 1.10 0.00	44.75 0.88 0.00	43.99 0.78 0.00	43.87 0.94 0.00	46.16 1.04 0.00	49.37 1.30 0.00	54.14 1.63 0.00	58.18 1.80 0.00	59.32 1.95 0.00	72.11 2.51 0.00	79.96 3.00 0.00	78.49 3.09 0.00	75.03 3.09 0.00	67.59 2.72 0.00	59.54 2.29 0.00	50.08 1.74 0.00	45.68 1.46 0.00
MILLSEAT___LFGE 323607	48.34 3.25 0.00	44.65 2.84 0.00	39.53 1.77 0.00	37.22 1.43 0.00	37.49 1.30 0.00	39.99 2.08 0.00	44.06 1.85 0.00	45.42 1.54 0.00	44.83 0.96 0.00	44.59 1.38 0.00	45.11 2.19 0.00	47.60 2.48 0.00	51.20 3.12 0.00	56.24 3.73 0.00	60.54 4.17 0.00	61.50 4.13 0.00	75.17 5.57 0.00	83.27 6.31 0.00	81.74 6.33 0.00	78.11 6.04 -0.13	70.32 5.45 0.00	61.94 4.70 0.00	52.50 4.16 0.00	48.00 3.63 -0.16
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	46.22 1.13 0.00	42.85 1.05 0.00	38.66 0.91 0.00	36.68 0.89 0.00	37.03 0.83 0.00	38.74 0.83 0.00	43.26 1.06 0.00	45.11 1.23 0.00	45.41 1.54 0.00	45.04 1.64 -0.19	44.79 1.42 -0.45	47.36 1.53 -0.70	50.24 1.30 -0.86	54.52 1.26 -0.75	58.34 1.30 -0.67	59.05 1.26 -0.42	71.99 1.67 -0.71	79.05 2.08 -0.02	76.91 1.51 0.00	73.09 1.15 0.00	65.65 0.78 0.00	57.76 0.52 0.00	49.02 0.68 0.00	44.88 0.66 0.00
MILLWOOD_13_KV_LOAD 356217	46.35 1.26 0.00	42.93 1.13 0.00	38.74 0.98 0.00	36.75 0.97 0.00	37.10 0.90 0.00	38.82 0.91 0.00	43.34 1.14 0.00	45.20 1.32 0.00	45.49 1.62 0.00	45.17 1.77 -0.19	44.92 1.55 -0.45	47.49 1.67 -0.70	50.38 1.44 -0.86	54.73 1.47 -0.75	58.56 1.52 -0.67	59.28 1.49 -0.42	72.19 1.88 -0.71	79.36 2.39 -0.02	77.21 1.81 0.00	73.30 1.37 0.00	65.78 0.91 0.00	57.88 0.63 0.00	49.12 0.77 0.00	44.97 0.75 0.00
MODEL_CITY_ENERGY 24167	46.99 1.89 0.00	43.35 1.55 0.00	38.47 0.72 0.00	36.21 0.43 0.00	36.34 0.15 0.00	38.86 0.95 0.00	42.54 0.34 0.00	43.62 -0.26 0.00	43.08 -0.79 0.00	43.04 -0.17 0.00	43.53 0.60 0.00	46.16 1.04 0.00	49.57 1.49 0.00	54.35 1.84 0.00	58.29 1.92 0.00	59.09 1.72 0.00	72.32 2.71 0.00	79.88 2.92 0.00	78.42 3.02 0.00	74.70 2.73 -0.03	67.33 2.46 0.00	59.42 2.17 0.00	50.62 2.27 0.00	46.35 2.08 -0.05
MODERN_LFGE___ 323580	46.99 1.89 0.00	43.35 1.55 0.00	38.47 0.72 0.00	36.21 0.43 0.00	36.34 0.15 0.00	38.86 0.95 0.00	42.54 0.34 0.00	43.62 -0.26 0.00	43.08 -0.79 0.00	43.04 -0.17 0.00	43.53 0.60 0.00	46.16 1.04 0.00	49.57 1.49 0.00	54.35 1.84 0.00	58.29 1.92 0.00	59.09 1.72 0.00	72.32 2.71 0.00	79.88 2.92 0.00	78.42 3.02 0.00	74.70 2.73 -0.03	67.33 2.46 0.00	59.42 2.17 0.00	50.62 2.27 0.00	46.35 2.08 -0.05
MOHAWK_PAPER___DRP 24187	45.50 0.41 0.00	42.18 0.38 0.00	38.13 0.38 0.00	36.21 0.43 0.00	36.63 0.43 0.00	38.29 0.38 0.00	42.54 0.34 0.00	44.28 0.39 0.00	44.31 0.44 0.00	43.43 0.39 0.17	42.82 0.30 0.41	44.85 0.36 0.63	47.49 0.19 0.78	51.94 0.11 0.68	55.77 0.00 0.61	56.98 0.00 0.38	69.03 0.07 0.65	77.02 0.08 0.02	75.63 0.23 0.00	72.08 0.14 0.00	65.13 0.26 0.00	57.42 0.17 0.00	48.44 0.10 0.00	44.40 0.18 0.00
MOHICAN___35_KV_115KV_LD 80490	47.03 1.94 0.00	43.56 1.76 0.00	39.38 1.62 0.00	37.32 1.54 0.00	37.82 1.63 0.00	39.57 1.67 0.00	43.98 1.77 0.00	45.73 1.84 0.00	45.45 1.58 0.00	44.55 1.51 0.18	43.71 1.20 0.42	45.79 1.31 0.64	48.48 1.20 0.80	53.08 1.26 0.69	56.83 1.07 0.62	58.24 1.26 0.39	70.62 1.67 0.66	78.86 1.92 0.02	77.82 2.41 0.00	74.89 2.95 0.00	67.85 2.98 0.00	59.88 2.63 0.00	50.28 1.93 0.00	45.95 1.72 0.00
MONGAUP___HYD 23641	46.40 1.31 0.00	43.06 1.25 0.00	38.81 1.06 0.00	36.82 1.04 0.00	37.17 0.98 0.00	38.89 0.98 0.00	43.43 1.22 0.00	45.11 1.23 0.00	45.10 1.23 0.00	44.54 1.17 -0.16	44.29 0.99 -0.38	46.75 1.04 -0.59	49.81 1.01 -0.72	54.19 1.05 -0.63	58.06 1.13 -0.56	59.04 1.32 -0.36	72.08 1.88 -0.60	79.67 2.69 -0.02	77.89 2.48 0.00	74.24 2.30 0.00	66.88 2.01 0.00	58.68 1.43 0.00	49.55 1.21 0.00	45.24 1.02 0.00
MONTAUK___DIESEL 23721	47.35 2.25 0.00	44.48 2.68 0.00	39.79 2.04 0.00	37.71 1.93 0.00	37.93 1.74 0.00	39.73 1.82 0.00	44.15 1.94 0.00	45.69 1.80 0.00	46.33 2.46 0.00	46.39 2.98 -0.19	45.61 2.49 -0.19	48.45 2.84 -0.49	47.47 2.64 3.26	48.27 2.42 6.66	49.86 2.42 8.94	60.07 2.29 -0.41	73.16 2.85 -0.70	63.84 3.31 16.42	56.60 2.64 21.44	47.48 1.94 26.40	45.86 0.84 19.85	45.20 0.69 12.73	44.35 0.68 4.67	43.50 0.71 1.43
MOONROAD_115KV_HARTFLD_TB1-2 355988	47.84 2.75 0.00	44.31 2.51 0.00	39.38 1.62 0.00	36.82 1.04 0.00	37.21 1.01 0.00	39.54 1.63 0.00	43.94 1.73 0.00	45.25 1.36 0.00	44.79 0.92 0.00	44.51 1.30 0.00	45.24 2.32 0.00	48.06 2.93 0.00	51.97 3.89 0.00	57.19 4.67 0.00	61.05 4.68 0.00	62.19 4.82 0.00	75.94 6.33 0.00	83.65 6.70 0.00	82.34 6.94 0.00	78.43 6.47 -0.02	70.32 5.45 0.00	61.71 4.47 0.00	51.97 3.63 0.00	47.84 3.58 -0.04

MORRIS_RIDGE___SOLAR 323848	47.12 2.03 0.00	43.56 1.76 0.00	38.81 1.06 0.00	36.39 0.61 0.00	36.77 0.58 0.00	39.04 1.14 0.00	43.26 1.06 0.00	44.41 0.53 0.00	43.74 -0.13 0.00	43.34 0.13 0.00	43.66 0.73 0.00	46.20 1.08 0.00	49.66 1.58 0.00	54.62 2.10 0.00	58.57 2.20 0.00	59.49 2.12 0.00	72.53 2.92 0.00	80.50 3.54 0.00	79.25 3.84 0.00	75.90 3.95 -0.01	68.37 3.50 0.00	60.22 2.97 0.00	50.95 2.61 0.00	47.08 2.83 -0.03
MORTIMER_115KV_TB3 55949	46.44 1.35 0.00	43.02 1.21 0.00	38.40 0.64 0.00	36.18 0.39 0.00	36.59 0.40 0.00	38.63 0.72 0.00	42.96 0.76 0.00	44.54 0.66 0.00	44.22 0.35 0.00	43.64 0.43 0.00	44.04 1.12 0.00	46.34 1.22 0.00	49.76 1.68 0.00	54.61 2.10 0.00	58.63 2.25 0.00	59.89 2.52 0.00	72.94 3.34 0.00	80.65 3.69 0.00	79.02 3.62 0.00	75.38 3.45 0.01	67.85 2.98 0.00	59.65 2.40 0.00	50.28 1.93 0.00	45.93 1.72 0.01
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	46.58 1.49 0.00	43.14 1.34 0.00	38.89 1.13 0.00	36.86 1.07 0.00	37.21 1.01 0.00	38.93 1.02 0.00	43.56 1.35 0.00	45.51 1.62 0.00	45.84 1.97 0.00	45.52 2.12 -0.19	45.23 1.85 -0.45	47.81 1.99 -0.70	50.63 1.68 -0.87	54.90 1.63 -0.76	58.74 1.69 -0.67	59.40 1.61 -0.43	72.41 2.09 -0.72	79.52 2.54 -0.02	77.29 1.89 0.00	73.37 1.44 0.00	65.91 1.04 0.00	57.93 0.69 0.00	49.31 0.97 0.00	45.19 0.97 0.00
MUNSVILLE_WIND_PWR 323609	49.06 3.97 0.00	45.44 3.64 0.00	40.62 2.87 0.00	38.39 2.61 0.00	38.94 2.75 0.00	41.17 3.26 0.00	46.13 3.93 0.00	47.88 3.99 0.00	47.42 3.55 0.00	46.45 3.24 0.00	46.36 3.44 0.00	48.96 3.83 0.00	52.31 4.23 0.00	57.40 4.88 0.00	61.84 5.47 0.00	63.05 5.68 0.00	76.77 7.17 0.00	85.35 8.39 0.00	83.85 8.44 0.00	79.99 8.06 0.00	72.13 7.26 0.00	63.54 6.30 0.00	53.22 4.88 0.00	48.38 4.16 0.00
N SALMON___HYD 24042	45.99 0.90 0.00	42.72 0.92 0.00	38.70 0.94 0.00	36.68 0.89 0.00	37.13 0.94 0.00	38.86 0.95 0.00	43.30 1.10 0.00	44.94 1.05 0.00	44.97 1.10 0.00	44.21 0.99 0.00	43.78 0.86 0.00	45.75 0.63 0.00	49.04 0.96 0.00	53.62 1.10 0.00	57.67 1.30 0.00	58.57 1.21 0.00	70.92 1.32 0.00	78.65 1.69 0.00	76.91 1.51 0.00	73.59 1.66 0.00	66.42 1.55 0.00	60.86 1.66 -1.96	60.76 1.50 -10.92	45.59 1.37 0.00
N.AKRON__115KV_KNAPP 355671	48.34 3.25 0.00	44.77 2.97 0.00	39.72 1.96 0.00	37.29 1.50 0.00	37.71 1.52 0.00	39.99 2.08 0.00	44.36 2.15 0.00	45.77 1.89 0.00	45.14 1.27 0.00	44.51 1.30 0.00	45.24 2.32 0.00	47.79 2.66 0.00	51.49 3.41 0.00	56.50 3.99 0.00	60.60 4.23 0.00	61.90 4.53 0.00	75.73 6.13 0.00	83.73 6.77 0.00	82.34 6.94 0.00	78.76 6.69 -0.13	70.84 5.97 0.00	62.17 4.92 0.00	52.40 4.06 0.00	48.36 3.98 -0.16
N.E_GEN_SANDY PD 24062	45.59 0.50 0.00	42.35 0.54 0.00	38.28 0.53 0.00	36.35 0.57 0.00	36.77 0.58 0.00	38.40 0.49 0.00	42.75 0.55 0.00	44.50 0.61 0.00	44.53 0.66 0.00	42.50 0.56 1.27	40.36 0.43 3.00	40.92 0.45 4.65	42.57 0.24 5.75	47.61 0.11 5.01	51.92 0.00 4.45	54.61 0.06 2.82	65.00 0.14 4.74	77.21 0.39 0.13	75.63 0.23 0.00	72.08 0.14 0.00	65.00 0.13 0.00	57.19 -0.06 0.00	48.34 0.00 0.00	44.31 0.09 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	46.17 1.08 0.00	42.81 1.00 0.00	38.62 0.87 0.00	36.64 0.86 0.00	36.99 0.80 0.00	38.67 0.76 0.00	43.18 0.97 0.00	45.03 1.14 0.00	45.27 1.40 0.00	44.95 1.56 -0.18	44.68 1.33 -0.42	47.23 1.44 -0.66	50.19 1.30 -0.81	54.48 1.26 -0.71	58.36 1.35 -0.63	59.09 1.32 -0.40	72.02 1.74 -0.67	79.13 2.15 -0.02	76.99 1.58 0.00	73.16 1.22 0.00	65.71 0.84 0.00	57.76 0.52 0.00	49.02 0.68 0.00	44.88 0.66 0.00
N.QUEENS_27_KV_LOAD 356247	47.04 1.94 -0.01	43.53 1.71 -0.01	39.24 1.47 -0.01	37.22 1.43 -0.01	37.54 1.34 -0.01	39.20 1.29 0.00	43.94 1.73 0.00	45.60 1.71 0.00	45.84 1.97 0.00	45.61 2.20 -0.19	45.27 1.89 -0.45	47.77 1.94 -0.70	50.29 1.35 -0.87	54.64 1.37 -0.76	58.51 1.47 -0.67	59.40 1.61 -0.43	72.48 2.16 -0.72	79.67 2.69 -0.02	77.44 2.04 0.00	73.37 1.44 0.01	65.90 1.04 0.01	57.93 0.69 0.00	49.71 1.35 -0.01	45.69 1.46 -0.01
N.TROY___115KV_TB1 355778	45.99 0.90 0.00	42.60 0.79 0.00	38.51 0.76 0.00	36.57 0.79 0.00	36.99 0.80 0.00	38.67 0.76 0.00	43.01 0.80 0.00	44.72 0.83 0.00	44.66 0.79 0.00	43.67 0.69 0.23	42.94 0.56 0.55	44.91 0.63 0.85	47.51 0.48 1.05	52.02 0.42 0.91	55.96 0.39 0.81	57.26 0.40 0.51	69.30 0.56 0.86	77.63 0.69 0.02	76.31 0.90 0.00	72.80 0.86 0.00	65.78 0.91 0.00	57.99 0.74 0.00	48.92 0.58 0.00	44.84 0.62 0.00
NARROWS_GT1_1 24228	46.94 1.85 0.00	43.48 1.67 0.00	39.11 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.98 2.11 0.00	45.74 2.33 -0.19	45.53 2.15 -0.45	47.90 2.08 -0.70	50.34 1.40 -0.87	54.58 1.31 -0.75	58.39 1.35 -0.67	59.22 1.43 -0.42	72.26 1.95 -0.71	79.59 2.62 -0.01	77.20 1.81 0.01	63.40 1.22 9.76	63.37 0.84 2.34	57.70 0.46 0.01	49.11 0.77 0.00	45.55 1.33 0.00
NARROWS_GT1_2 24229	46.94 1.85 0.00	43.48 1.67 0.00	39.11 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.98 2.11 0.00	45.74 2.33 -0.19	45.53 2.15 -0.45	47.90 2.08 -0.70	50.34 1.40 -0.87	54.58 1.31 -0.75	58.39 1.35 -0.67	59.22 1.43 -0.42	72.26 1.95 -0.71	79.59 2.62 -0.01	77.20 1.81 0.01	63.40 1.22 9.76	63.37 0.84 2.34	57.70 0.46 0.01	49.11 0.77 0.00	45.55 1.33 0.00
NARROWS_GT1_3 24230	46.94 1.85 0.00	43.48 1.67 0.00	39.11 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.98 2.11 0.00	45.74 2.33 -0.19	45.53 2.15 -0.45	47.90 2.08 -0.70	50.34 1.40 -0.87	54.58 1.31 -0.75	58.39 1.35 -0.67	59.22 1.43 -0.42	72.26 1.95 -0.71	79.59 2.62 -0.01	77.20 1.81 0.01	63.40 1.22 9.76	63.37 0.84 2.34	57.70 0.46 0.01	49.11 0.77 0.00	45.55 1.33 0.00
NARROWS_GT1_4 24231	46.94 1.85 0.00	43.48 1.67 0.00	39.11 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.98 2.11 0.00	45.74 2.33 -0.19	45.53 2.15 -0.45	47.90 2.08 -0.70	50.34 1.40 -0.87	54.58 1.31 -0.75	58.39 1.35 -0.67	59.22 1.43 -0.42	72.26 1.95 -0.71	79.59 2.62 -0.01	77.20 1.81 0.01	63.40 1.22 9.76	63.37 0.84 2.34	57.70 0.46 0.01	49.11 0.77 0.00	45.55 1.33 0.00
NARROWS_GT1_5 24232	46.94 1.85 0.00	43.48 1.67 0.00	39.11 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.98 2.11 0.00	45.74 2.33 -0.19	45.53 2.15 -0.45	47.90 2.08 -0.70	50.34 1.40 -0.87	54.58 1.31 -0.75	58.39 1.35 -0.67	59.22 1.43 -0.42	72.26 1.95 -0.71	79.59 2.62 -0.01	77.20 1.81 0.01	63.40 1.22 9.76	63.37 0.84 2.34	57.70 0.46 0.01	49.11 0.77 0.00	45.55 1.33 0.00

NARROWS_GT1_6 24233	46.94 1.85 0.00	43.48 1.67 0.00	39.11 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.98 2.11 0.00	45.74 2.33 -0.19	45.53 2.15 -0.45	47.90 2.08 -0.70	50.34 1.40 -0.87	54.58 1.31 -0.75	58.39 1.35 -0.67	59.22 1.43 -0.42	72.26 1.95 -0.71	79.59 2.62 -0.01	77.20 1.81 0.01	63.40 1.22 9.76	63.37 0.84 2.34	57.70 0.46 0.01	49.11 0.77 0.00	45.55 1.33 0.00
NARROWS_GT1_7 24234	46.94 1.85 0.00	43.48 1.67 0.00	39.11 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.98 2.11 0.00	45.74 2.33 -0.19	45.53 2.15 -0.45	47.90 2.08 -0.70	50.34 1.40 -0.87	54.58 1.31 -0.75	58.39 1.35 -0.67	59.22 1.43 -0.42	72.26 1.95 -0.71	79.59 2.62 -0.01	77.20 1.81 0.01	63.40 1.22 9.76	63.37 0.84 2.34	57.70 0.46 0.01	49.11 0.77 0.00	45.55 1.33 0.00
NARROWS_GT1_8 24235	46.94 1.85 0.00	43.48 1.67 0.00	39.11 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.98 2.11 0.00	45.74 2.33 -0.19	45.53 2.15 -0.45	47.90 2.08 -0.70	50.34 1.40 -0.87	54.58 1.31 -0.75	58.39 1.35 -0.67	59.22 1.43 -0.42	72.26 1.95 -0.71	79.59 2.62 -0.01	77.20 1.81 0.01	63.40 1.22 9.76	63.37 0.84 2.34	57.70 0.46 0.01	49.11 0.77 0.00	45.55 1.33 0.00
NARROWS_GT2_1 24236	46.94 1.85 0.00	43.48 1.67 0.00	39.11 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.98 2.11 0.00	45.74 2.33 -0.19	45.53 2.15 -0.45	47.90 2.08 -0.70	50.34 1.40 -0.87	54.58 1.31 -0.75	58.39 1.35 -0.67	59.22 1.43 -0.42	72.26 1.95 -0.71	79.59 2.62 -0.01	77.20 1.81 0.01	63.40 1.22 9.76	63.37 0.84 2.34	57.70 0.46 0.01	49.11 0.77 0.00	45.55 1.33 0.00
NARROWS_GT2_2 24237	46.94 1.85 0.00	43.48 1.67 0.00	39.11 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.98 2.11 0.00	45.74 2.33 -0.19	45.53 2.15 -0.45	47.90 2.08 -0.70	50.34 1.40 -0.87	54.58 1.31 -0.75	58.39 1.35 -0.67	59.22 1.43 -0.42	72.26 1.95 -0.71	79.59 2.62 -0.01	77.20 1.81 0.01	63.40 1.22 9.76	63.37 0.84 2.34	57.70 0.46 0.01	49.11 0.77 0.00	45.55 1.33 0.00
NARROWS_GT2_3 24238	46.94 1.85 0.00	43.48 1.67 0.00	39.11 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.98 2.11 0.00	45.74 2.33 -0.19	45.53 2.15 -0.45	47.90 2.08 -0.70	50.34 1.40 -0.87	54.58 1.31 -0.75	58.39 1.35 -0.67	59.22 1.43 -0.42	72.26 1.95 -0.71	79.59 2.62 -0.01	77.20 1.81 0.01	63.40 1.22 9.76	63.37 0.84 2.34	57.70 0.46 0.01	49.11 0.77 0.00	45.55 1.33 0.00
NARROWS_GT2_4 24239	46.94 1.85 0.00	43.48 1.67 0.00	39.11 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.98 2.11 0.00	45.74 2.33 -0.19	45.53 2.15 -0.45	47.90 2.08 -0.70	50.34 1.40 -0.87	54.58 1.31 -0.75	58.39 1.35 -0.67	59.22 1.43 -0.42	72.26 1.95 -0.71	79.59 2.62 -0.01	77.20 1.81 0.01	63.40 1.22 9.76	63.37 0.84 2.34	57.70 0.46 0.01	49.11 0.77 0.00	45.55 1.33 0.00
NARROWS_GT2_5 24240	46.94 1.85 0.00	43.48 1.67 0.00	39.11 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.98 2.11 0.00	45.74 2.33 -0.19	45.53 2.15 -0.45	47.90 2.08 -0.70	50.34 1.40 -0.87	54.58 1.31 -0.75	58.39 1.35 -0.67	59.22 1.43 -0.42	72.26 1.95 -0.71	79.59 2.62 -0.01	77.20 1.81 0.01	63.40 1.22 9.76	63.37 0.84 2.34	57.70 0.46 0.01	49.11 0.77 0.00	45.55 1.33 0.00
NARROWS_GT2_6 24241	46.94 1.85 0.00	43.48 1.67 0.00	39.11 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.98 2.11 0.00	45.74 2.33 -0.19	45.53 2.15 -0.45	47.90 2.08 -0.70	50.34 1.40 -0.87	54.58 1.31 -0.75	58.39 1.35 -0.67	59.22 1.43 -0.42	72.26 1.95 -0.71	79.59 2.62 -0.01	77.20 1.81 0.01	63.40 1.22 9.76	63.37 0.84 2.34	57.70 0.46 0.01	49.11 0.77 0.00	45.55 1.33 0.00
NARROWS_GT2_7 24242	46.94 1.85 0.00	43.48 1.67 0.00	39.11 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.98 2.11 0.00	45.74 2.33 -0.19	45.53 2.15 -0.45	47.90 2.08 -0.70	50.34 1.40 -0.87	54.58 1.31 -0.75	58.39 1.35 -0.67	59.22 1.43 -0.42	72.26 1.95 -0.71	79.59 2.62 -0.01	77.20 1.81 0.01	63.40 1.22 9.76	63.37 0.84 2.34	57.70 0.46 0.01	49.11 0.77 0.00	45.55 1.33 0.00
NARROWS_GT2_8 24243	46.94 1.85 0.00	43.48 1.67 0.00	39.11 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.98 2.11 0.00	45.74 2.33 -0.19	45.53 2.15 -0.45	47.90 2.08 -0.70	50.34 1.40 -0.87	54.58 1.31 -0.75	58.39 1.35 -0.67	59.22 1.43 -0.42	72.26 1.95 -0.71	79.59 2.62 -0.01	77.20 1.81 0.01	63.40 1.22 9.76	63.37 0.84 2.34	57.70 0.46 0.01	49.11 0.77 0.00	45.55 1.33 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	45.20 0.72 0.61	42.18 0.38 0.00	38.17 0.42 0.00	36.25 0.47 0.00	36.66 0.47 0.00	38.29 0.38 0.00	42.54 0.34 0.00	44.30 0.66 0.24	44.09 0.48 0.26	43.40 0.26 0.07	42.81 0.04 0.16	44.92 0.05 0.25	46.98 -0.05 1.05	49.98 0.00 2.53	52.57 0.00 3.81	53.25 0.00 4.11	61.52 0.28 8.37	66.67 0.54 10.83	66.20 1.06 10.26	72.99 1.08 0.02	65.69 0.84 0.02	58.20 0.97 0.02	48.04 0.63 0.93	44.44 0.22 0.00
NCHELSEA_115KV_TR2 355582	46.58 1.49 0.00	43.14 1.34 0.00	38.93 1.17 0.00	36.96 1.18 0.00	37.31 1.12 0.00	39.01 1.10 0.00	43.56 1.35 0.00	45.38 1.49 0.00	45.58 1.71 0.00	45.14 1.77 -0.15	44.88 1.59 -0.36	47.35 1.67 -0.56	50.36 1.59 -0.69	54.80 1.68 -0.60	58.71 1.80 -0.54	59.54 1.84 -0.34	72.54 2.37 -0.57	79.82 2.85 -0.02	77.82 2.41 0.00	73.95 2.01 0.00	66.49 1.62 0.00	58.45 1.20 0.00	49.50 1.16 0.00	45.28 1.06 0.00
NEG CAPITAL___MECHNVIL 23645	46.80 1.71 0.00	43.39 1.59 0.00	39.23 1.47 0.00	37.18 1.39 0.00	37.64 1.45 0.00	39.35 1.44 0.00	43.77 1.56 0.00	45.51 1.62 0.00	45.41 1.53 0.00	44.40 1.38 0.20	43.74 1.29 0.47	45.80 1.40 0.73	48.52 1.34 0.90	53.15 1.42 0.78	56.97 1.30 0.69	58.48 1.55 0.44	70.81 1.95 0.74	79.32 2.39 0.02	77.97 2.57 0.00	74.52 2.59 0.00	67.40 2.53 0.00	59.37 2.12 0.00	49.94 1.59 0.00	45.68 1.46 0.00
NEG CENTRAL_HIGH_ACRES 23767	45.50 0.40 0.00	42.10 0.29 0.00	37.61 -0.15 0.00	35.46 -0.32 0.00	35.90 -0.29 0.00	37.87 -0.04 0.00	42.20 0.00 0.00	43.89 0.00 0.00	43.61 -0.26 0.00	43.17 -0.04 0.00	43.36 0.43 0.00	45.57 0.45 0.00	48.84 0.77 0.00	53.62 1.10 0.00	57.78 1.41 0.00	58.80 1.43 0.00	71.55 1.95 0.00	79.26 2.31 0.00	77.44 2.04 0.00	73.88 1.94 0.00	66.49 1.62 0.00	58.51 1.26 0.00	49.41 1.06 0.00	44.79 0.57 0.01



NEG CENTRAL___DRP 24199	46.08 0.99 0.00	42.64 0.84 0.00	38.21 0.45 0.00	36.07 0.29 0.00	36.48 0.29 0.00	38.40 0.49 0.00	42.96 0.76 0.00	44.68 0.79 0.00	44.40 0.53 0.00	43.73 0.52 0.00	43.78 0.86 0.00	46.03 0.90 0.00	49.33 1.25 0.00	54.19 1.68 0.00	58.23 1.86 0.00	59.32 1.95 0.00	72.11 2.51 0.00	79.88 2.92 0.00	78.34 2.94 0.00	74.81 2.88 0.00	67.34 2.47 0.00	59.19 1.95 0.00	49.79 1.45 0.00	45.46 1.24 0.00
NEG CENTRAL___INDECK 23768	47.07 1.98 0.00	43.48 1.67 0.00	38.66 0.90 0.00	36.39 0.61 0.00	36.81 0.61 0.00	39.04 1.14 0.00	43.43 1.22 0.00	44.68 0.79 0.00	43.83 -0.04 0.00	43.21 0.00 0.00	43.40 0.47 0.00	45.84 0.72 0.00	49.28 1.20 0.00	54.09 1.57 0.00	58.29 1.92 0.00	59.37 2.01 0.00	72.32 2.71 0.00	80.65 3.69 0.00	79.62 4.22 0.00	76.61 4.67 0.00	69.22 4.35 0.00	61.02 3.78 0.00	51.48 3.14 0.00	46.84 2.61 -0.01
NEG CENTRAL___SENECA 23627	46.58 1.49 0.00	43.06 1.25 0.00	38.55 0.79 0.00	36.36 0.57 0.00	36.77 0.58 0.00	38.74 0.83 0.00	43.39 1.18 0.00	45.03 1.14 0.00	44.70 0.83 0.00	43.99 0.78 0.00	44.13 1.20 0.00	46.34 1.22 0.00	49.81 1.73 0.00	54.72 2.21 0.00	58.80 2.42 0.00	59.89 2.52 0.00	72.87 3.27 0.00	80.88 3.92 0.00	79.40 4.00 0.00	75.75 3.81 0.00	68.18 3.31 0.00	59.88 2.63 0.00	50.37 2.03 0.00	45.99 1.77 0.00
NEG CENTRAL___STATE_STREET 24147	45.72 0.63 0.00	42.31 0.50 0.00	37.98 0.23 0.00	35.89 0.11 0.00	36.30 0.11 0.00	38.17 0.27 0.00	42.67 0.46 0.00	44.41 0.53 0.00	44.22 0.35 0.00	43.56 0.35 0.00	43.53 0.60 0.00	45.80 0.68 0.00	49.04 0.96 0.00	53.77 1.26 0.00	57.78 1.41 0.00	58.86 1.49 0.00	71.48 1.88 0.00	79.19 2.23 0.00	77.67 2.26 0.00	74.17 2.23 0.00	66.82 1.95 0.00	58.79 1.55 0.00	49.46 1.11 0.00	45.11 0.88 0.00
NEG MILLWOOD___DRP 24198	46.67 1.58 0.00	43.27 1.46 0.00	39.00 1.25 0.00	37.00 1.22 0.00	37.39 1.19 0.00	39.12 1.21 0.00	43.64 1.43 0.00	45.47 1.58 0.00	45.76 1.89 0.00	45.37 1.99 -0.17	45.17 1.85 -0.40	47.73 1.99 -0.62	50.67 1.83 -0.77	55.13 1.94 -0.67	59.00 2.03 -0.60	59.87 2.12 -0.38	72.88 2.64 -0.64	80.13 3.16 -0.02	78.04 2.64 0.00	74.09 2.16 0.00	66.49 1.62 0.00	58.45 1.20 0.00	49.50 1.16 0.00	45.28 1.06 0.00
NEG NORTH_FLCN_SEA 23793	44.73 -0.36 0.00	41.97 0.17 0.00	37.98 0.23 0.00	36.00 0.21 0.00	36.45 0.25 0.00	38.13 0.23 0.00	42.50 0.30 0.00	44.11 0.22 0.00	44.18 0.31 0.00	43.47 0.26 0.00	43.06 0.13 0.00	44.72 -0.41 0.00	47.88 -0.19 0.00	52.30 -0.21 0.00	56.20 -0.17 0.00	57.31 -0.06 0.00	69.26 -0.35 0.00	76.88 -0.08 0.00	75.10 -0.30 0.00	71.79 -0.14 0.00	64.81 -0.06 0.00	57.25 0.00 0.00	47.71 0.05 0.68	44.18 -0.04 0.00
NEG NORTH_KES_CHATEGAY 23792	45.18 0.09 0.00	42.10 0.29 0.00	38.10 0.34 0.00	36.10 0.32 0.00	36.55 0.36 0.00	38.25 0.34 0.00	42.58 0.38 0.00	44.19 0.31 0.00	44.18 0.31 0.00	43.47 0.26 0.00	43.06 0.13 0.00	44.99 -0.14 0.00	48.08 0.00 0.00	52.51 0.00 0.00	56.43 0.06 0.00	57.54 0.17 0.00	69.60 0.00 0.00	77.26 0.31 0.00	75.55 0.15 0.00	72.30 0.36 0.00	65.26 0.39 0.00	58.33 0.46 -0.63	48.71 0.48 0.12	44.62 0.40 0.00
NEG NORTH___ALICE_FALLS 23915	45.18 0.09 0.00	42.27 0.46 0.00	38.28 0.53 0.00	36.28 0.50 0.00	36.74 0.54 0.00	38.40 0.49 0.00	42.80 0.59 0.00	44.41 0.53 0.00	44.48 0.61 0.00	43.73 0.52 0.00	43.31 0.39 0.00	45.08 -0.05 0.00	48.32 0.24 0.00	52.83 0.32 0.00	56.77 0.39 0.00	57.88 0.52 0.00	70.02 0.42 0.00	77.88 0.92 0.00	76.01 0.60 0.00	72.73 0.79 0.00	65.65 0.78 0.00	58.15 0.69 -0.22	48.55 0.63 0.42	44.66 0.44 0.00
NEG NORTH___LWR_SARANAC 23913	45.18 0.09 0.00	42.27 0.46 0.00	38.28 0.53 0.00	36.28 0.50 0.00	36.74 0.54 0.00	38.40 0.49 0.00	42.80 0.59 0.00	44.41 0.53 0.00	44.48 0.61 0.00	43.73 0.52 0.00	43.31 0.39 0.00	45.08 -0.05 0.00	48.32 0.24 0.00	52.83 0.32 0.00	56.77 0.39 0.00	57.88 0.52 0.00	70.02 0.42 0.00	77.88 0.92 0.00	76.01 0.60 0.00	72.73 0.79 0.00	65.65 0.78 0.00	58.15 0.69 -0.22	48.55 0.63 0.42	44.66 0.44 0.00
NEG NORTH___PLATTSBURG 23628	45.50 0.40 0.00	42.27 0.46 0.00	38.28 0.53 0.00	36.28 0.50 0.00	36.74 0.54 0.00	38.40 0.49 0.00	42.80 0.59 0.00	44.41 0.53 0.00	44.48 0.61 0.00	43.73 0.52 0.00	43.31 0.39 0.00	45.08 -0.05 0.00	48.32 0.24 0.00	52.83 0.32 0.00	56.77 0.40 0.00	57.71 0.35 0.00	70.02 0.42 0.00	77.65 0.69 0.00	76.00 0.60 0.00	72.73 0.79 0.00	65.65 0.78 0.00	58.15 0.69 -0.22	48.55 0.63 0.42	45.02 0.80 0.00
NEG WEST_LEA_LOCKPORT 23791	47.12 2.03 0.00	43.69 1.88 0.00	38.85 1.09 0.00	36.36 0.57 0.00	36.70 0.51 0.00	38.89 0.99 0.00	43.01 0.80 0.00	44.06 0.18 0.00	43.52 -0.35 0.00	43.08 -0.13 0.00	43.83 0.90 0.00	46.52 1.40 0.00	50.10 2.02 0.00	54.98 2.47 0.00	58.74 2.37 0.00	59.78 2.41 0.00	73.08 3.48 0.00	80.65 3.69 0.00	79.32 3.92 0.00	75.57 3.60 -0.04	68.11 3.24 0.00	59.82 2.58 0.00	50.66 2.32 0.00	46.98 2.70 -0.06
NEG WEST___LANCASTR 23811	48.47 3.38 0.00	44.86 3.05 0.00	39.87 2.11 0.00	37.32 1.54 0.00	37.68 1.48 0.00	39.95 2.05 0.00	44.23 2.03 0.00	45.47 1.58 0.00	44.97 1.10 0.00	44.64 1.43 0.00	45.46 2.53 0.00	48.33 3.20 0.00	52.16 4.09 0.00	57.34 4.83 0.00	61.28 4.90 0.00	62.36 4.99 0.00	76.29 6.68 0.00	84.04 7.08 0.00	82.72 7.31 0.00	78.72 6.76 -0.02	70.77 5.90 0.00	62.06 4.81 0.00	52.40 4.06 0.00	48.47 4.20 -0.04
NEG_PENN_ALLEGHNY 23528	45.99 0.90 0.00	42.56 0.75 0.00	38.21 0.45 0.00	36.03 0.25 0.00	36.45 0.26 0.00	38.36 0.46 0.00	42.84 0.63 0.00	44.45 0.57 0.00	44.31 0.44 0.00	43.77 0.56 0.00	43.70 0.77 0.00	46.11 0.99 0.00	49.32 1.25 0.00	54.14 1.63 0.00	58.12 1.75 0.00	59.15 1.78 0.00	71.83 2.23 0.00	79.65 2.69 0.00	77.89 2.48 0.00	74.31 2.37 0.00	66.81 1.94 0.00	58.85 1.60 0.00	49.65 1.31 0.00	45.69 1.46 -0.01
NEG___GEN_MONROE 24207	46.99 1.89 0.00	43.56 1.76 0.00	38.74 0.98 0.00	36.46 0.68 0.00	36.88 0.69 0.00	39.01 1.10 0.00	43.39 1.18 0.00	44.90 1.01 0.00	44.40 0.53 0.00	43.86 0.65 0.00	44.30 1.37 0.00	46.70 1.58 0.00	50.19 2.12 0.00	55.03 2.52 0.00	59.08 2.71 0.00	60.41 3.04 0.00	73.50 3.90 0.00	81.34 4.39 0.00	79.93 4.52 0.00	76.42 4.39 -0.10	68.76 3.89 0.00	60.51 3.26 0.00	51.00 2.66 0.00	46.85 2.52 -0.11
NEPA___ENERGY 23901	47.12 2.03 0.00	43.69 1.88 0.00	38.89 1.13 0.00	36.36 0.57 0.00	36.74 0.54 0.00	39.01 1.10 0.00	43.22 1.01 0.00	44.37 0.48 0.00	43.91 0.04 0.00	43.51 0.30 0.00	44.13 1.20 0.00	46.88 1.76 0.00	50.67 2.60 0.00	55.72 3.20 0.00	59.58 3.21 0.00	60.64 3.27 0.00	74.13 4.52 0.00	81.96 5.00 0.00	80.61 5.20 0.00	76.85 4.89 -0.02	68.89 4.02 0.00	60.51 3.26 0.00	51.05 2.71 0.00	47.27 3.01 -0.04

NEVERSINK___HYD 23608	46.17 1.13 0.05	42.89 1.09 0.00	38.66 0.90 0.00	36.68 0.89 0.00	37.06 0.87 0.00	38.74 0.83 0.00	43.26 1.06 0.00	45.09 1.23 0.02	45.21 1.36 0.02	44.72 1.38 -0.12	44.41 1.20 -0.29	46.88 1.31 -0.44	49.87 1.30 -0.49	54.24 1.42 -0.31	58.05 1.52 -0.15	59.00 1.66 0.03	71.60 2.16 0.16	79.00 2.85 0.81	77.04 2.41 0.78	73.95 2.01 0.00	66.55 1.68 0.00	58.45 1.20 0.00	49.29 1.02 0.07	45.06 0.84 0.00
NEWKRMKL_115KV_TB1 55635	44.87 -0.23 0.00	41.60 -0.21 0.00	37.64 -0.11 0.00	35.75 -0.04 0.00	36.16 -0.04 0.00	37.79 -0.11 0.00	41.99 -0.21 0.00	43.71 -0.18 0.00	43.83 -0.04 0.00	42.93 -0.13 0.15	42.35 -0.21 0.36	44.38 -0.18 0.56	47.00 -0.38 0.70	51.38 -0.53 0.61	55.16 -0.68 0.54	56.28 -0.75 0.34	68.19 -0.84 0.57	75.94 -1.00 0.02	74.57 -0.83 0.00	71.00 -0.94 0.00	64.16 -0.71 0.00	56.56 -0.69 0.00	47.76 -0.58 0.00	43.82 -0.40 0.00
NEWTON___FALLS_HYD 23847	46.58 1.49 0.00	43.27 1.46 0.00	39.04 1.28 0.00	37.00 1.22 0.00	37.50 1.30 0.00	39.31 1.40 0.00	43.85 1.65 0.00	45.55 1.67 0.00	45.36 1.49 0.00	44.51 1.30 0.00	44.09 1.16 0.00	46.25 1.13 0.00	49.42 1.35 0.00	54.04 1.52 0.00	58.06 1.69 0.00	59.20 1.84 0.00	71.13 1.53 0.00	78.96 2.00 0.00	77.06 1.66 0.00	73.95 2.01 0.00	66.69 1.82 0.00	64.19 2.52 -4.43	60.93 2.22 -10.36	45.95 1.72 0.00
NGRID_A1_DSASP 323792	46.67 1.58 0.00	43.52 1.71 0.00	38.62 0.87 0.00	35.93 0.14 0.00	36.45 0.26 0.00	38.55 0.64 0.00	42.46 0.25 0.00	43.45 -0.44 0.00	42.86 -1.01 0.00	42.86 -0.35 0.00	43.36 0.43 0.00	45.98 0.86 0.00	49.32 1.25 0.00	54.09 1.57 0.00	57.89 1.52 0.00	58.69 1.32 0.00	71.76 2.16 0.00	79.35 2.39 0.00	77.74 2.34 0.00	74.12 2.16 -0.02	66.81 1.94 0.00	59.02 1.78 0.00	50.33 1.98 0.00	46.35 2.08 -0.05
NGRID_A2_DSASP 323793	46.67 1.58 0.00	43.52 1.71 0.00	38.62 0.87 0.00	35.93 0.14 0.00	36.45 0.26 0.00	38.55 0.64 0.00	42.46 0.25 0.00	43.45 -0.44 0.00	42.86 -1.01 0.00	42.86 -0.35 0.00	43.36 0.43 0.00	45.98 0.86 0.00	49.32 1.25 0.00	54.09 1.57 0.00	57.89 1.52 0.00	58.69 1.32 0.00	71.76 2.16 0.00	79.35 2.39 0.00	77.74 2.34 0.00	74.12 2.16 -0.02	66.81 1.94 0.00	59.02 1.78 0.00	50.33 1.98 0.00	46.35 2.08 -0.05
NGRID_A4_DSASP 323807	46.67 1.58 0.00	43.52 1.71 0.00	38.62 0.87 0.00	35.93 0.14 0.00	36.45 0.26 0.00	38.55 0.64 0.00	42.46 0.25 0.00	43.45 -0.44 0.00	42.86 -1.01 0.00	42.86 -0.35 0.00	43.36 0.43 0.00	45.98 0.86 0.00	49.32 1.25 0.00	54.09 1.57 0.00	57.89 1.52 0.00	58.69 1.32 0.00	71.76 2.16 0.00	79.35 2.39 0.00	77.74 2.34 0.00	74.12 2.16 -0.02	66.81 1.94 0.00	59.02 1.78 0.00	50.33 1.98 0.00	46.35 2.08 -0.05
NIAGARA_115E_LBMP 323715	46.80 1.71 0.00	43.14 1.34 0.00	38.28 0.53 0.00	36.03 0.25 0.00	36.16 -0.04 0.00	38.70 0.80 0.00	42.33 0.13 0.00	43.36 -0.52 0.00	42.82 -1.05 0.00	42.78 -0.43 0.00	43.27 0.34 0.00	45.89 0.77 0.00	49.28 1.20 0.00	54.04 1.52 0.00	57.89 1.52 0.00	58.69 1.32 0.00	71.83 2.23 0.00	79.35 2.39 0.00	77.89 2.48 0.00	74.20 2.23 -0.03	66.88 2.01 0.00	59.02 1.78 0.00	50.28 1.94 0.00	46.09 1.81 -0.05
NIAGARA_115W_LBMP 323714	46.53 1.44 0.00	43.43 1.63 0.00	38.55 0.79 0.00	35.82 0.04 0.00	36.37 0.18 0.00	38.44 0.53 0.00	42.37 0.17 0.00	43.31 -0.57 0.00	42.78 -1.10 0.00	42.74 -0.47 0.00	43.23 0.30 0.00	45.84 0.72 0.00	49.18 1.11 0.00	53.93 1.42 0.00	57.78 1.41 0.00	58.51 1.15 0.00	71.55 1.95 0.00	79.11 2.15 0.00	77.59 2.19 0.00	73.90 1.94 -0.02	66.62 1.75 0.00	58.85 1.60 0.00	50.18 1.84 0.00	46.21 1.94 -0.04
NIAGARA_230_LBMP 323716	46.76 1.67 0.00	43.35 1.55 0.00	38.47 0.72 0.00	36.03 0.25 0.00	36.37 0.18 0.00	38.66 0.76 0.00	42.54 0.34 0.00	43.58 -0.31 0.00	43.04 -0.83 0.00	43.00 -0.21 0.00	43.44 0.52 0.00	46.07 0.95 0.00	49.42 1.34 0.00	54.19 1.68 0.00	58.06 1.69 0.00	58.86 1.49 0.00	71.97 2.37 0.00	79.57 2.62 0.00	78.04 2.64 0.00	74.32 2.37 -0.01	67.01 2.14 0.00	59.13 1.89 0.00	50.42 2.08 0.00	46.30 2.04 -0.04
NIAGARA___115KV_198_GIBSON 55903	46.58 1.49 0.00	43.31 1.51 0.00	38.51 0.76 0.00	36.03 0.25 0.00	36.37 0.18 0.00	38.55 0.64 0.00	42.37 0.17 0.00	43.32 -0.57 0.00	42.73 -1.14 0.00	42.35 -0.86 0.00	43.06 0.13 0.00	45.71 0.59 0.00	49.18 1.11 0.00	53.93 1.42 0.00	57.61 1.24 0.00	58.52 1.15 0.00	71.55 1.95 0.00	78.96 2.00 0.00	77.59 2.19 0.00	73.90 1.94 -0.02	66.62 1.75 0.00	58.62 1.37 0.00	49.70 1.35 0.00	46.34 2.08 -0.04
NIAGARA____ 23760	46.76 1.67 0.00	43.35 1.55 0.00	38.47 0.72 0.00	36.03 0.25 0.00	36.37 0.18 0.00	38.66 0.76 0.00	42.54 0.34 0.00	43.58 -0.31 0.00	43.04 -0.83 0.00	43.00 -0.21 0.00	43.44 0.52 0.00	46.07 0.95 0.00	49.42 1.34 0.00	54.19 1.68 0.00	58.06 1.69 0.00	58.86 1.49 0.00	71.97 2.37 0.00	79.57 2.62 0.00	78.04 2.64 0.00	74.32 2.37 -0.02	67.01 2.14 0.00	59.13 1.89 0.00	50.42 2.08 0.00	46.31 2.04 -0.05
NINE_MILE_1 23575	43.97 -1.13 0.00	40.72 -1.09 0.00	36.66 -1.10 0.00	34.71 -1.07 0.00	35.11 -1.08 0.00	36.85 -1.06 0.00	41.07 -1.14 0.00	42.74 -1.14 0.00	42.64 -1.23 0.00	42.05 -1.16 0.00	41.90 -1.03 0.00	44.04 -1.08 0.00	46.97 -1.10 0.00	51.41 -1.11 0.00	55.24 -1.13 0.00	56.22 -1.15 0.00	68.21 -1.39 0.00	75.57 -1.38 0.00	73.97 -1.43 0.00	70.57 -1.37 0.00	63.57 -1.30 0.00	56.04 -1.20 0.00	47.28 -1.06 0.00	43.16 -1.06 0.00
NINE_MILE_2 23744	43.97 -1.13 0.00	40.72 -1.09 0.00	36.66 -1.10 0.00	34.71 -1.07 0.00	35.11 -1.08 0.00	36.85 -1.06 0.00	41.07 -1.14 0.00	42.74 -1.14 0.00	42.64 -1.23 0.00	42.05 -1.16 0.00	41.90 -1.03 0.00	44.04 -1.08 0.00	46.97 -1.10 0.00	51.41 -1.11 0.00	55.24 -1.13 0.00	56.22 -1.15 0.00	68.21 -1.39 0.00	75.57 -1.38 0.00	73.97 -1.43 0.00	70.57 -1.37 0.00	63.57 -1.30 0.00	56.04 -1.20 0.00	47.28 -1.06 0.00	43.16 -1.06 0.00
NM_CAPITAL___DRP 24208	44.96 -0.14 0.00	41.68 -0.13 0.00	37.72 -0.04 0.00	35.85 0.07 0.00	36.27 0.07 0.00	37.87 -0.04 0.00	42.08 -0.13 0.00	43.80 -0.09 0.00	43.91 0.04 0.00	43.00 -0.04 0.17	42.35 -0.17 0.40	44.36 -0.14 0.63	46.97 -0.34 0.77	51.37 -0.47 0.67	55.15 -0.62 0.60	56.36 -0.63 0.38	68.20 -0.77 0.64	76.09 -0.85 0.02	74.65 -0.75 0.00	71.14 -0.79 0.00	64.22 -0.65 0.00	56.67 -0.57 0.00	47.81 -0.53 0.00	43.87 -0.35 0.00
NM_CENTRAL___DRP 24181	44.82 -0.27 0.00	41.51 -0.29 0.00	37.34 -0.42 0.00	35.32 -0.47 0.00	35.72 -0.47 0.00	37.57 -0.34 0.00	41.95 -0.25 0.00	43.71 -0.18 0.00	43.65 -0.22 0.00	43.00 -0.22 0.00	42.93 0.00 0.09	45.21 0.09 0.00	48.27 0.19 0.00	52.88 0.37 0.00	56.82 0.45 0.00	57.83 0.46 0.00	70.16 0.56 0.00	77.42 0.46 0.00	75.86 0.45 0.00	72.37 0.43 0.00	65.19 0.32 0.00	57.42 0.17 0.00	48.45 0.00 -0.11	44.13 -0.09 0.00

NM_FRONTIER___DRP 24179	46.58 1.49 0.00	43.31 1.51 0.00	38.51 0.76 0.00	36.03 0.25 0.00	36.37 0.18 0.00	38.55 0.64 0.00	42.37 0.17 0.00	43.32 -0.57 0.00	42.73 -1.14 0.00	42.35 -0.86 0.00	43.06 0.13 0.00	45.71 0.59 0.00	49.18 1.11 0.00	53.93 1.42 0.00	57.61 1.24 0.00	58.52 1.15 0.00	71.55 1.95 0.00	78.96 2.00 0.00	77.59 2.19 0.00	73.90 1.94 -0.02	66.62 1.75 0.00	58.62 1.37 0.00	49.70 1.35 0.00	46.34 2.08 -0.04
NM_ST_REGIS___HYD 24053	46.17 1.08 0.00	42.98 1.17 0.00	38.89 1.13 0.00	36.86 1.07 0.00	37.31 1.12 0.00	39.08 1.18 0.00	43.51 1.31 0.00	45.11 1.23 0.00	45.06 1.18 0.00	44.25 1.04 0.00	43.83 0.90 0.00	45.89 0.77 0.00	49.13 1.06 0.00	53.67 1.16 0.00	57.72 1.35 0.00	58.86 1.49 0.00	70.65 1.04 0.00	78.50 1.54 0.00	76.38 0.98 0.00	73.16 1.22 0.00	65.97 1.10 0.00	64.22 1.89 -5.08	63.37 1.84 -13.19	45.72 1.50 0.00
NORTHPORT___1 23551	44.23 -0.86 0.00	42.85 1.05 0.00	38.74 0.98 0.00	36.71 0.93 0.00	37.03 0.83 0.00	38.70 0.80 0.00	43.22 1.01 0.00	44.28 0.39 0.00	44.48 0.61 0.00	44.44 1.04 -0.19	43.20 0.09 -0.19	43.41 0.05 1.76	43.41 -0.29 4.38	43.41 -0.53 8.58	43.45 -0.67 12.25	47.57 -0.63 9.17	51.98 -0.70 16.93	55.96 -0.38 20.62	52.64 -0.98 21.78	43.90 -1.22 26.81	43.41 -1.30 20.16	42.94 -1.37 12.93	42.73 -0.87 4.74	42.02 -0.75 1.45
NORTHPORT___2 23552	44.23 -0.86 0.00	42.85 1.05 0.00	38.74 0.98 0.00	36.71 0.93 0.00	37.03 0.83 0.00	38.70 0.80 0.00	43.22 1.01 0.00	44.28 0.39 0.00	44.48 0.61 0.00	44.44 1.04 -0.19	43.20 0.09 -0.19	43.41 0.05 1.76	43.41 -0.29 4.38	43.41 -0.53 8.58	43.45 -0.67 12.25	47.57 -0.63 9.17	51.98 -0.70 16.93	55.96 -0.38 20.62	52.64 -0.98 21.78	43.90 -1.22 26.81	43.41 -1.30 20.16	42.94 -1.37 12.93	42.73 -0.87 4.74	42.02 -0.75 1.45
NORTHPORT___3 23553	43.74 -1.35 0.00	42.35 0.54 0.00	38.21 0.45 0.00	36.25 0.46 0.00	36.55 0.36 0.00	38.21 0.30 0.00	42.67 0.47 0.00	43.75 -0.13 0.00	43.91 0.04 0.00	43.84 0.43 -0.19	43.02 -0.09 -0.18	43.31 -0.05 1.76	43.33 -0.39 4.36	43.39 -0.58 8.54	43.44 -0.73 12.20	47.51 -0.69 9.17	51.84 -0.83 16.93	55.89 -0.53 20.53	52.46 -1.28 21.66	43.62 -1.65 26.66	42.93 -1.88 20.05	42.49 -1.89 12.87	42.17 -1.45 4.73	41.45 -1.33 1.44
NORTHPORT___4 23650	43.74 -1.35 0.00	42.35 0.54 0.00	38.21 0.45 0.00	36.25 0.46 0.00	36.55 0.36 0.00	38.21 0.30 0.00	42.67 0.47 0.00	43.75 -0.13 0.00	43.91 0.04 0.00	43.84 0.43 -0.19	43.02 -0.09 -0.18	43.31 -0.05 1.76	43.33 -0.39 4.36	43.39 -0.58 8.54	43.44 -0.73 12.20	47.51 -0.69 9.17	51.84 -0.83 16.93	55.89 -0.53 20.53	52.46 -1.28 21.66	43.62 -1.65 26.66	42.93 -1.88 20.05	42.49 -1.89 12.87	42.17 -1.45 4.73	41.45 -1.33 1.44
NORTHPORT___IC 23718	45.77 0.68 0.00	43.14 1.34 0.00	38.74 0.98 0.00	36.71 0.93 0.00	37.03 0.83 0.00	38.74 0.83 0.00	43.26 1.06 0.00	44.46 0.57 0.00	44.88 1.01 0.00	44.83 1.43 -0.19	43.24 0.13 -0.19	43.45 0.09 1.76	43.41 -0.29 4.38	43.41 -0.53 8.58	43.56 -0.56 12.25	47.51 -0.69 9.17	51.98 -0.70 16.93	55.80 -0.54 20.62	52.65 -0.98 21.78	43.83 -1.29 26.81	43.47 -1.23 20.16	43.06 -1.26 12.93	42.78 -0.82 4.74	42.11 -0.66 1.45
NORTH___COUNTRY_ESR 323785	45.23 0.14 0.00	42.02 0.21 0.00	38.02 0.27 0.00	36.03 0.25 0.00	36.48 0.29 0.00	38.17 0.27 0.00	42.54 0.34 0.00	44.15 0.26 0.00	44.18 0.31 0.00	43.47 0.26 0.00	43.06 0.13 0.00	45.03 -0.09 0.00	48.12 0.05 0.00	52.57 0.05 0.00	56.48 0.11 0.00	57.43 0.06 0.00	69.60 0.00 0.00	76.96 0.00 0.00	75.40 0.00 0.00	72.15 0.22 0.00	65.07 0.20 0.00	58.17 0.29 -0.64	48.57 0.34 0.11	44.66 0.44 0.00
NPX_GEN_1385_PROXY 323591	43.92 -1.17 0.00	42.68 0.88 0.00	38.74 0.98 0.00	36.71 0.93 0.00	37.03 0.83 0.00	38.70 0.80 0.00	43.22 1.01 0.00	44.15 0.26 0.00	44.31 0.44 0.00	44.27 0.86 -0.19	43.03 -0.09 -0.19	43.23 -0.13 1.76	43.22 -0.48 4.38	43.15 -0.79 8.58	43.67 -0.45 12.25	47.86 -0.34 9.17	52.33 -0.35 16.93	56.57 0.23 20.62	53.85 0.23 21.78	50.10 0.14 21.98	46.67 -0.06 18.14	43.11 -1.20 12.93	42.54 -1.06 4.74	41.58 -1.19 1.45
NPX_GEN_CSC 323557	44.06 -1.04 0.00	42.52 0.71 0.00	38.32 0.57 0.00	36.35 0.57 0.00	36.63 0.44 0.00	38.29 0.38 0.00	42.75 0.55 0.00	43.97 0.09 0.00	44.22 0.35 0.00	44.22 0.82 -0.19	43.55 0.43 -0.19	46.11 0.50 -0.49	45.01 0.19 3.26	45.80 -0.05 6.66	47.32 -0.11 8.94	57.72 -0.06 -0.41	70.31 0.00 -0.70	60.91 0.39 16.43	53.65 -0.30 21.45	44.81 -0.72 26.41	43.85 -1.17 19.86	43.25 -1.26 12.74	42.70 -0.97 4.67	41.82 -0.97 1.43
NSINS_S_GLNS_FALLS 23858	46.99 1.89 0.00	43.52 1.71 0.00	39.34 1.59 0.00	37.29 1.50 0.00	37.79 1.59 0.00	39.54 1.63 0.00	43.94 1.73 0.00	45.69 1.80 0.00	45.41 1.54 0.00	44.51 1.47 0.17	43.68 1.16 0.41	45.75 1.26 0.64	48.45 1.15 0.78	53.04 1.21 0.68	56.78 1.01 0.61	58.19 1.20 0.38	70.56 1.60 0.65	78.79 1.85 0.02	77.74 2.34 0.00	74.81 2.88 0.00	67.79 2.92 0.00	59.88 2.63 0.00	50.23 1.89 0.00	45.86 1.64 0.00
NUCOR_STEEL___DRP 24197	45.72 0.63 0.00	42.35 0.54 0.00	38.02 0.26 0.00	35.96 0.18 0.00	36.34 0.14 0.00	38.17 0.27 0.00	42.71 0.51 0.00	44.41 0.53 0.00	44.22 0.35 0.00	43.51 0.30 0.00	43.48 0.56 0.00	45.75 0.63 0.00	48.94 0.87 0.00	53.62 1.10 0.00	57.61 1.24 0.00	58.69 1.32 0.00	71.27 1.67 0.00	78.88 1.92 0.00	77.44 2.04 0.00	73.88 1.94 0.00	66.56 1.69 0.00	58.62 1.37 0.00	49.36 1.02 0.00	45.06 0.84 0.00
NUMBER_THREE_WT_PWR 323818	47.21 2.12 0.00	43.77 1.97 0.00	39.38 1.62 0.00	37.29 1.50 0.00	37.86 1.67 0.00	39.80 1.89 0.00	44.40 2.19 0.00	46.34 2.46 0.00	46.02 2.15 0.00	45.03 1.81 0.00	44.73 1.80 0.00	47.02 1.89 0.00	50.14 2.07 0.00	54.88 2.37 0.00	58.91 2.54 0.00	60.01 2.64 0.00	72.32 2.71 0.00	80.26 3.31 0.00	78.80 3.40 0.00	75.60 3.67 0.00	68.37 3.50 0.00	62.06 3.49 -1.32	54.20 2.75 -3.10	46.34 2.12 0.00
NYISO_LBMP_REFERENCE 24008	45.09 0.00 0.00	41.81 0.00 0.00	37.76 0.00 0.00	35.78 0.00 0.00	36.19 0.00 0.00	37.91 0.00 0.00	42.20 0.00 0.00	43.89 0.00 0.00	43.87 0.00 0.00	43.21 0.00 0.00	42.93 0.00 0.00	45.12 0.00 0.00	48.08 0.00 0.00	52.51 0.00 0.00	56.37 0.00 0.00	57.37 0.00 0.00	69.60 0.00 0.00	76.96 0.00 0.00	75.40 0.00 0.00	71.94 0.00 0.00	64.87 0.00 0.00	57.25 0.00 0.00	48.34 0.00 0.00	44.22 0.00 0.00
NYPA_BRENTWD____GT 24164	44.96 -0.13 0.00	43.35 1.55 0.00	39.11 1.36 0.00	37.07 1.29 0.00	37.35 1.16 0.00	39.08 1.18 0.00	43.64 1.44 0.00	44.85 0.96 0.00	45.10 1.23 0.00	45.05 1.64 -0.19	44.15 1.03 -0.20	46.69 1.08 -0.49	45.71 0.82 3.18	46.67 0.68 6.52	48.29 0.68 8.76	58.52 0.74 -0.41	71.28 0.97 -0.70	62.29 1.46 16.12	55.11 0.75 21.05	46.39 0.36 25.91	45.38 0.00 19.49	44.52 -0.23 12.50	43.66 -0.10 4.59	42.73 -0.09 1.40

NYPA_GOWANUS____GT5 24156	46.94 1.85 0.00	43.48 1.67 0.00	39.11 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.98 2.11 0.00	45.74 2.33 -0.19	45.53 2.15 -0.45	47.90 2.08 -0.70	50.34 1.40 -0.87	54.58 1.31 -0.75	58.39 1.35 -0.67	59.22 1.43 -0.42	72.26 1.95 -0.71	79.59 2.62 -0.01	77.20 1.81 0.01	63.40 1.22 9.76	63.37 0.84 2.34	57.70 0.46 0.01	49.11 0.77 0.00	45.55 1.33 0.00
NYPA_GOWANUS____GT6 24157	46.94 1.85 0.00	43.48 1.67 0.00	39.11 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.98 2.11 0.00	45.74 2.33 -0.19	45.53 2.15 -0.45	47.90 2.08 -0.70	50.34 1.40 -0.87	54.58 1.31 -0.75	58.39 1.35 -0.67	59.22 1.43 -0.42	72.26 1.95 -0.71	79.59 2.62 -0.01	77.20 1.81 0.01	63.40 1.22 9.76	63.37 0.84 2.34	57.70 0.46 0.01	49.11 0.77 0.00	45.55 1.33 0.00
NYPA_HARLEM__RVR__GT1 24160	46.77 1.67 -0.01	43.44 1.63 -0.01	39.16 1.40 -0.01	37.15 1.36 -0.01	37.47 1.27 -0.01	39.08 1.18 0.00	43.81 1.60 0.00	45.51 1.62 0.00	45.70 1.84 0.01	45.43 2.03 -0.18	45.17 1.80 -0.45	47.63 1.81 -0.70	50.19 1.25 -0.86	54.47 1.21 -0.75	58.28 1.24 -0.67	59.22 1.43 -0.42	72.19 1.88 -0.71	79.50 2.54 -0.01	77.05 1.66 0.01	73.08 1.15 0.01	65.64 0.78 0.01	57.70 0.46 0.01	49.32 0.97 -0.01	45.51 1.28 -0.01
NYPA_HARLEM__RVR__GT2 24161	46.77 1.67 -0.01	43.44 1.63 -0.01	39.16 1.40 -0.01	37.15 1.36 -0.01	37.47 1.27 -0.01	39.08 1.18 0.00	43.81 1.60 0.00	45.51 1.62 0.00	45.70 1.84 0.01	45.43 2.03 -0.18	45.17 1.80 -0.45	47.63 1.81 -0.70	50.19 1.25 -0.86	54.47 1.21 -0.75	58.28 1.24 -0.67	59.22 1.43 -0.42	72.19 1.88 -0.71	79.50 2.54 -0.01	77.05 1.66 0.01	73.08 1.15 0.01	65.64 0.78 0.01	57.70 0.46 0.01	49.32 0.97 -0.01	45.51 1.28 -0.01
NYPA_KENT____GT 24152	46.80 1.71 0.00	43.39 1.59 0.00	39.08 1.32 0.00	37.07 1.29 0.00	37.39 1.19 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.93 2.06 0.00	45.69 2.29 -0.19	45.44 2.06 -0.45	47.86 2.03 -0.70	50.39 1.44 -0.87	54.58 1.31 -0.75	58.33 1.30 -0.67	59.16 1.37 -0.42	72.12 1.81 -0.71	79.43 2.46 -0.01	76.98 1.59 0.01	63.25 1.08 9.76	63.25 0.71 2.34	57.64 0.40 0.01	49.11 0.77 0.00	45.42 1.19 0.00
NYPA_POUCH1____GT 24155	46.94 1.85 0.00	43.43 1.63 0.00	39.04 1.28 0.00	37.11 1.32 0.00	37.39 1.19 0.00	38.86 0.95 0.00	43.68 1.48 0.00	45.60 1.71 0.00	45.89 2.02 0.00	45.69 2.29 -0.19	45.44 2.06 -0.45	47.72 1.89 -0.70	49.21 1.15 0.02	50.92 1.00 2.59	51.95 1.02 5.44	52.00 1.15 6.51	56.93 1.60 14.27	64.22 2.23 14.97	64.38 1.36 12.39	52.37 0.79 20.36	63.05 0.52 2.34	51.31 0.11 6.05	48.93 0.58 0.00	45.50 1.28 0.00
NYPA_VERNON____GT2 24162	46.67 1.58 0.00	43.31 1.50 0.00	39.00 1.24 0.00	37.00 1.22 0.00	37.35 1.16 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.60 1.71 0.00	45.89 2.02 0.00	45.61 2.20 -0.19	45.36 1.98 -0.45	47.86 2.03 -0.70	50.44 1.49 -0.87	54.63 1.36 -0.75	58.33 1.30 -0.67	59.11 1.32 -0.42	71.98 1.67 -0.71	79.28 2.31 -0.01	76.82 1.43 0.01	63.18 1.01 9.76	63.18 0.65 2.34	57.58 0.35 0.01	49.11 0.77 0.00	45.33 1.11 0.00
NYPA_VERNON____GT3 24163	46.67 1.58 0.00	43.31 1.50 0.00	39.00 1.24 0.00	37.00 1.22 0.00	37.35 1.16 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.60 1.71 0.00	45.89 2.02 0.00	45.61 2.20 -0.19	45.36 1.98 -0.45	47.86 2.03 -0.70	50.44 1.49 -0.87	54.63 1.36 -0.75	58.33 1.30 -0.67	59.11 1.32 -0.42	71.98 1.67 -0.71	79.28 2.31 -0.01	76.82 1.43 0.01	63.18 1.01 9.76	63.18 0.65 2.34	57.58 0.35 0.01	49.11 0.77 0.00	45.33 1.11 0.00
NYPA____ASTORIA_CC1 323568	46.63 1.53 0.00	43.27 1.46 0.00	39.00 1.24 0.00	37.00 1.22 0.00	37.35 1.16 0.00	38.93 1.02 0.00	43.68 1.48 0.00	45.55 1.67 0.00	45.85 1.98 0.00	45.56 2.16 -0.19	45.31 1.93 -0.45	47.77 1.94 -0.70	50.34 1.40 -0.87	54.47 1.21 -0.75	58.22 1.19 -0.67	58.99 1.21 -0.42	71.84 1.53 -0.71	79.12 2.15 -0.01	76.68 1.28 0.01	62.97 0.79 9.76	63.05 0.52 2.34	57.47 0.23 0.01	49.07 0.73 0.00	45.28 1.06 0.00
NYPA____ASTORIA_CC2 323569	46.63 1.53 0.00	43.27 1.46 0.00	39.00 1.24 0.00	37.00 1.22 0.00	37.35 1.16 0.00	38.93 1.02 0.00	43.68 1.48 0.00	45.55 1.67 0.00	45.85 1.98 0.00	45.56 2.16 -0.19	45.31 1.93 -0.45	47.77 1.94 -0.70	50.34 1.40 -0.87	54.47 1.21 -0.75	58.22 1.19 -0.67	58.99 1.21 -0.42	71.84 1.53 -0.71	79.12 2.15 -0.01	76.68 1.28 0.01	62.97 0.79 9.76	63.05 0.52 2.34	57.47 0.23 0.01	49.07 0.73 0.00	45.28 1.06 0.00
NYPA____HOLTSVILL 23794	44.42 -0.68 0.00	42.85 1.05 0.00	38.66 0.90 0.00	36.64 0.86 0.00	36.92 0.72 0.00	38.63 0.72 0.00	43.13 0.93 0.00	44.37 0.48 0.00	44.57 0.70 0.00	44.53 1.12 -0.19	43.72 0.60 -0.19	46.24 0.63 -0.49	45.20 0.38 3.26	46.00 0.16 6.67	47.53 0.11 8.95	57.95 0.17 -0.41	70.52 0.21 -0.70	61.12 0.61 16.45	53.93 0.00 21.48	45.06 -0.43 26.44	44.27 -0.71 19.89	43.57 -0.92 12.75	43.03 -0.63 4.68	42.17 -0.62 1.43
NYPA____HELLGATE_GT1 24158	46.77 1.67 -0.01	43.44 1.63 -0.01	39.16 1.40 -0.01	37.15 1.36 -0.01	37.47 1.27 -0.01	39.08 1.18 0.00	43.81 1.60 0.00	45.46 1.58 0.00	45.62 1.76 0.01	45.38 1.99 -0.18	45.09 1.72 -0.45	47.53 1.71 -0.70	50.09 1.15 -0.86	54.37 1.10 -0.75	58.28 1.24 -0.67	59.22 1.43 -0.42	72.19 1.88 -0.71	79.50 2.54 -0.01	77.05 1.66 0.01	73.08 1.15 0.01	65.64 0.78 0.01	57.70 0.46 0.01	49.32 0.97 -0.01	45.51 1.28 -0.01
NYPA____HELLGATE_GT2 24159	46.77 1.67 -0.01	43.44 1.63 -0.01	39.16 1.40 -0.01	37.15 1.36 -0.01	37.47 1.27 -0.01	39.08 1.18 0.00	43.81 1.60 0.00	45.46 1.58 0.00	45.62 1.76 0.01	45.38 1.99 -0.18	45.09 1.72 -0.45	47.53 1.71 -0.70	50.09 1.15 -0.86	54.37 1.10 -0.75	58.28 1.24 -0.67	59.22 1.43 -0.42	72.19 1.88 -0.71	79.50 2.54 -0.01	77.05 1.66 0.01	73.08 1.15 0.01	65.64 0.78 0.01	57.70 0.46 0.01	49.32 0.97 -0.01	45.51 1.28 -0.01
NYS_BARGE____HYD 23848	47.43 2.34 0.00	43.77 1.97 0.00	38.81 1.06 0.00	36.50 0.72 0.00	36.70 0.51 0.00	39.20 1.29 0.00	43.00 0.80 0.00	44.11 0.22 0.00	43.57 -0.30 0.00	43.52 0.30 0.00	44.04 1.11 0.00	46.66 1.54 0.00	50.14 2.07 0.00	54.98 2.47 0.00	58.97 2.59 0.00	59.83 2.47 0.00	73.15 3.55 0.00	80.88 3.92 0.00	79.40 3.99 0.00	75.64 3.67 -0.04	68.18 3.31 0.00	60.11 2.86 0.00	51.15 2.80 0.00	46.89 2.61 -0.06
OAK ORCHARD____HYD 24046	46.53 1.44 0.00	43.06 1.25 0.00	38.40 0.64 0.00	36.18 0.39 0.00	36.59 0.40 0.00	38.70 0.80 0.00	42.97 0.76 0.00	44.59 0.70 0.00	44.26 0.39 0.00	43.86 0.65 0.00	44.13 1.20 0.00	46.43 1.31 0.00	49.76 1.68 0.00	54.62 2.10 0.00	58.85 2.48 0.00	59.89 2.52 0.00	72.94 3.34 0.00	80.80 3.85 0.00	79.02 3.62 0.01	75.38 3.45 0.00	67.86 2.99 0.00	59.76 2.52 0.00	50.47 2.12 0.00	45.80 1.59 0.01

OAKDALE___35_KV_LOAD 356122	45.68 0.59 0.00	42.31 0.50 0.00	38.02 0.26 0.00	35.89 0.11 0.00	36.27 0.07 0.00	38.17 0.27 0.00	42.58 0.38 0.00	44.19 0.31 0.00	44.05 0.18 0.00	43.43 0.22 0.00	43.40 0.47 0.00	45.75 0.63 0.00	48.99 0.91 0.00	53.72 1.21 0.00	57.61 1.24 0.00	58.63 1.26 0.00	71.27 1.67 0.00	78.96 2.00 0.00	77.36 1.96 0.00	73.81 1.87 0.00	66.36 1.49 0.00	58.45 1.20 0.00	49.26 0.92 0.00	45.11 0.88 -0.01
OCC_CHEM___DRP 24175	46.71 1.62 0.00	43.39 1.59 0.00	38.59 0.83 0.00	36.10 0.32 0.00	36.45 0.25 0.00	38.63 0.72 0.00	42.46 0.25 0.00	43.40 -0.48 0.00	42.86 -1.01 0.00	42.43 -0.78 0.00	43.18 0.26 0.00	45.84 0.72 0.00	49.33 1.25 0.00	54.04 1.52 0.00	57.72 1.35 0.00	58.69 1.32 0.00	71.76 2.16 0.00	79.19 2.23 0.00	77.74 2.34 0.00	74.12 2.16 -0.02	66.82 1.95 0.00	58.74 1.49 0.00	49.84 1.50 0.00	46.43 2.17 -0.05
OH_GEN_PROXY 24063	46.67 1.58 0.00	43.23 1.42 0.00	38.40 0.64 0.00	35.93 0.14 0.00	36.27 0.07 0.00	38.59 0.68 0.00	42.46 0.25 0.00	43.53 -0.35 0.00	42.99 -0.88 0.00	42.95 -0.26 0.00	43.40 0.47 0.00	45.98 0.86 0.00	49.38 1.30 0.00	54.14 1.63 0.00	58.01 1.64 0.00	58.86 1.49 0.00	71.97 2.37 0.00	79.57 2.62 0.00	78.04 2.64 0.00	74.32 2.37 -0.02	67.01 2.14 0.00	59.08 1.83 0.00	50.33 1.98 0.00	46.25 1.99 -0.04
OLIN_CORP_DRP 24177	46.49 1.40 0.00	43.14 1.34 0.00	38.36 0.60 0.00	35.89 0.11 0.00	36.23 0.04 0.00	38.40 0.49 0.00	42.42 0.21 0.00	43.45 -0.44 0.00	42.91 -0.97 0.00	42.48 -0.73 0.00	43.23 0.30 0.00	45.84 0.72 0.00	49.37 1.30 0.00	54.14 1.63 0.00	57.84 1.47 0.00	58.86 1.49 0.00	71.97 2.37 0.00	79.42 2.46 0.00	78.04 2.64 0.00	74.34 2.37 -0.03	67.01 2.14 0.00	58.91 1.66 0.00	49.94 1.60 0.00	46.31 2.03 -0.05
OLIN_CORP_DSASP 323712	46.67 1.58 0.00	43.52 1.71 0.00	38.62 0.87 0.00	35.93 0.14 0.00	36.45 0.26 0.00	38.55 0.64 0.00	42.46 0.25 0.00	43.45 -0.44 0.00	42.86 -1.01 0.00	42.86 -0.35 0.00	43.36 0.43 0.00	45.98 0.86 0.00	49.32 1.25 0.00	54.09 1.57 0.00	57.89 1.52 0.00	58.69 1.32 0.00	71.76 2.16 0.00	79.35 2.39 0.00	77.74 2.34 0.00	74.12 2.16 -0.02	66.81 1.94 0.00	59.02 1.78 0.00	50.33 1.98 0.00	46.35 2.08 -0.05
ONEIDA_HERK_LFGE 323681	46.63 1.53 0.00	43.23 1.42 0.00	38.93 1.17 0.00	36.89 1.11 0.00	37.39 1.19 0.00	39.27 1.36 0.00	43.81 1.60 0.00	44.37 0.48 0.00	44.35 0.48 0.00	43.64 0.43 0.00	43.36 0.43 0.00	45.62 0.50 0.00	48.56 0.48 0.00	53.09 0.58 0.00	56.99 0.62 0.00	58.00 0.63 0.00	72.04 2.43 0.00	79.81 2.85 0.00	78.27 2.86 0.00	74.82 2.88 0.00	67.59 2.72 0.00	60.43 2.58 -0.61	51.74 1.98 -1.42	45.77 1.55 0.00
ONEIDA___115KV_TB4 55905	46.53 1.44 0.00	43.10 1.30 0.00	38.78 1.02 0.00	36.71 0.93 0.00	37.21 1.01 0.00	39.08 1.18 0.00	43.64 1.43 0.00	45.42 1.54 0.00	45.27 1.40 0.00	44.46 1.25 0.00	44.30 1.37 0.00	46.70 1.58 0.00	49.81 1.73 0.00	54.51 2.00 0.00	58.63 2.25 0.00	59.72 2.35 0.00	72.39 2.78 0.00	80.04 3.08 0.00	78.49 3.09 0.00	75.03 3.09 0.00	67.66 2.79 0.00	59.96 2.46 -0.26	50.83 1.89 -0.60	45.68 1.46 0.00
ONONDAGA_REF_OCCRA 23987	45.05 -0.05 0.00	41.72 -0.08 0.00	37.53 -0.23 0.00	35.50 -0.29 0.00	35.90 -0.29 0.00	37.72 -0.19 0.00	42.16 -0.04 0.00	43.89 0.00 0.00	43.83 -0.04 0.00	43.17 -0.04 0.00	43.06 0.13 0.00	45.35 0.23 0.00	48.46 0.38 0.00	53.09 0.58 0.00	57.05 0.68 0.00	58.06 0.69 0.00	70.51 0.90 0.00	77.88 0.92 0.00	76.31 0.90 0.00	72.80 0.86 0.00	65.58 0.71 0.00	57.76 0.52 0.00	48.63 0.29 0.00	44.35 0.13 0.00
ONONDAGA___COGEN 23986	45.18 0.09 0.00	41.85 0.04 0.00	37.64 -0.11 0.00	35.60 -0.18 0.00	35.98 -0.22 0.00	37.79 -0.11 0.00	42.25 0.04 0.00	43.97 0.09 0.00	43.87 0.00 0.00	43.21 0.00 0.00	43.14 0.21 0.00	45.39 0.27 0.00	48.51 0.43 0.00	53.14 0.63 0.00	57.10 0.73 0.00	58.11 0.75 0.00	70.51 0.90 0.00	77.96 1.00 0.00	76.38 0.98 0.00	72.87 0.94 0.00	65.65 0.78 0.00	57.82 0.57 0.00	48.68 0.34 0.00	44.44 0.22 0.00
ONTARIO___LFGE 23819	46.67 1.58 0.00	43.14 1.34 0.00	38.55 0.79 0.00	36.35 0.57 0.00	36.77 0.58 0.00	38.82 0.91 0.00	43.38 1.18 0.00	45.03 1.14 0.00	44.70 0.83 0.00	44.12 0.91 0.00	44.21 1.29 0.00	46.61 1.49 0.00	49.81 1.73 0.00	54.72 2.21 0.00	58.91 2.54 0.00	59.95 2.58 0.00	72.94 3.34 0.00	81.03 4.08 0.00	79.40 3.99 0.00	75.82 3.88 0.00	68.18 3.31 0.00	59.99 2.75 0.00	50.52 2.18 0.00	46.39 2.17 0.00
ORANGEVILLE_WT_PWR 323706	47.35 2.25 0.00	43.77 1.97 0.00	38.93 1.17 0.00	36.50 0.72 0.00	36.84 0.65 0.00	39.16 1.25 0.00	43.30 1.10 0.00	44.41 0.53 0.00	43.83 -0.04 0.00	43.60 0.39 0.00	44.00 1.07 0.00	46.61 1.49 0.00	50.10 2.02 0.00	55.09 2.57 0.00	59.08 2.71 0.00	59.95 2.58 0.00	73.15 3.55 0.00	81.03 4.08 0.00	79.70 4.30 0.00	76.12 4.17 -0.02	68.50 3.63 0.00	60.39 3.15 0.00	51.15 2.80 0.00	47.13 2.87 -0.03
ORANGEVILLE___ESR 323794	47.35 2.25 0.00	43.77 1.97 0.00	38.93 1.17 0.00	36.50 0.72 0.00	36.84 0.65 0.00	39.16 1.25 0.00	43.30 1.10 0.00	44.41 0.53 0.00	43.83 -0.04 0.00	43.60 0.39 0.00	44.00 1.07 0.00	46.61 1.49 0.00	50.10 2.02 0.00	55.09 2.57 0.00	59.08 2.71 0.00	59.95 2.58 0.00	73.15 3.55 0.00	81.03 4.08 0.00	79.70 4.30 0.00	76.12 4.17 -0.02	68.50 3.63 0.00	60.39 3.15 0.00	51.15 2.80 0.00	47.13 2.87 -0.03
OSWEGATCHIE___HYD 24044	46.63 1.53 0.00	43.27 1.46 0.00	39.04 1.28 0.00	37.00 1.22 0.00	37.49 1.30 0.00	39.31 1.40 0.00	43.85 1.64 0.00	45.55 1.67 0.00	45.36 1.49 0.00	44.51 1.30 0.00	44.09 1.16 0.00	46.25 1.13 0.00	49.42 1.34 0.00	54.04 1.52 0.00	58.06 1.69 0.00	59.09 1.72 0.00	71.13 1.53 0.00	78.80 1.84 0.00	77.06 1.66 0.00	73.95 2.01 0.00	66.68 1.81 0.00	64.19 2.52 -4.43	60.93 2.23 -10.36	46.04 1.81 0.00
OSWEGO___5 23606	44.32 -0.77 0.00	41.09 -0.71 0.00	36.96 -0.79 0.00	35.00 -0.79 0.00	35.40 -0.80 0.00	37.15 -0.76 0.00	41.45 -0.76 0.00	43.10 -0.79 0.00	42.99 -0.88 0.00	42.39 -0.82 0.00	42.24 -0.69 0.00	44.40 -0.72 0.00	47.40 -0.67 0.00	51.88 -0.63 0.00	55.75 -0.62 0.00	56.68 -0.69 0.00	68.84 -0.76 0.00	76.26 -0.69 0.00	74.58 -0.83 0.00	71.22 -0.72 0.00	64.16 -0.71 0.00	56.56 -0.68 0.00	47.71 -0.63 0.00	43.56 -0.66 0.00
OSWEGO___6 23613	44.32 -0.77 0.00	41.09 -0.71 0.00	36.96 -0.79 0.00	35.00 -0.79 0.00	35.40 -0.80 0.00	37.15 -0.76 0.00	41.45 -0.76 0.00	43.10 -0.79 0.00	42.99 -0.88 0.00	42.39 -0.82 0.00	42.24 -0.69 0.00	44.40 -0.72 0.00	47.40 -0.67 0.00	51.88 -0.63 0.00	55.75 -0.62 0.00	56.68 -0.69 0.00	68.84 -0.76 0.00	76.26 -0.69 0.00	74.58 -0.83 0.00	71.22 -0.72 0.00	64.16 -0.71 0.00	56.56 -0.68 0.00	47.71 -0.63 0.00	43.56 -0.66 0.00

OUTOKUMPU-AB___DRP 24206	47.75 2.66 0.00	44.27 2.47 0.00	39.38 1.62 0.00	36.82 1.04 0.00	37.17 0.98 0.00	39.39 1.48 0.00	43.47 1.27 0.00	44.59 0.70 0.00	44.09 0.22 0.00	43.69 0.48 0.00	44.51 1.59 0.00	47.24 2.12 0.00	50.91 2.84 0.00	55.93 3.41 0.00	59.75 3.38 0.00	60.52 3.16 0.00	74.06 4.45 0.00	81.65 4.69 0.00	80.23 4.83 0.00	76.42 4.46 -0.03	68.83 3.96 0.00	60.45 3.21 0.00	51.34 3.00 0.00	47.63 3.36 -0.05
OXBOW___BTM 323836	47.39 2.30 0.00	44.02 2.21 0.00	39.08 1.32 0.00	36.43 0.64 0.00	36.88 0.69 0.00	39.08 1.18 0.00	43.05 0.84 0.00	44.11 0.22 0.00	43.61 -0.26 0.00	43.60 0.39 0.00	44.13 1.20 0.00	46.79 1.67 0.00	50.29 2.21 0.00	55.19 2.68 0.00	59.13 2.76 0.00	59.83 2.47 0.00	73.15 3.55 0.00	80.80 3.85 0.00	79.25 3.84 0.00	75.49 3.52 -0.03	68.05 3.18 0.00	60.11 2.86 0.00	51.20 2.85 0.00	47.06 2.79 -0.05
OXBOW___ 24026	47.35 2.25 0.00	43.94 2.13 0.00	39.08 1.32 0.00	36.53 0.75 0.00	36.88 0.69 0.00	39.08 1.18 0.00	43.05 0.84 0.00	44.11 0.22 0.00	43.56 -0.31 0.00	43.17 -0.04 0.00	43.96 1.03 0.00	46.66 1.53 0.00	50.29 2.21 0.00	55.19 2.68 0.00	58.91 2.54 0.00	59.83 2.47 0.00	73.15 3.55 0.00	80.65 3.69 0.00	79.25 3.85 0.00	75.49 3.52 -0.03	67.98 3.11 0.00	59.77 2.52 0.00	50.71 2.37 0.00	47.14 2.87 -0.05
OXY_CHEM_DSASP 323612	46.71 1.62 0.00	43.39 1.59 0.00	38.59 0.83 0.00	36.10 0.32 0.00	36.45 0.25 0.00	38.63 0.72 0.00	42.46 0.25 0.00	43.40 -0.48 0.00	42.86 -1.01 0.00	42.43 -0.78 0.00	43.18 0.26 0.00	45.84 0.72 0.00	49.33 1.25 0.00	54.04 1.52 0.00	57.72 1.35 0.00	58.69 1.32 0.00	71.76 2.16 0.00	79.19 2.23 0.00	77.74 2.34 0.00	74.12 2.16 -0.02	66.82 1.95 0.00	58.74 1.49 0.00	49.84 1.50 0.00	46.43 2.17 -0.05
OZONE_PARK_ESR 323760	47.08 1.98 0.00	43.56 1.76 0.00	39.23 1.47 0.00	37.18 1.40 0.00	37.53 1.34 0.00	39.23 1.33 0.00	43.98 1.77 0.00	45.99 2.11 0.00	46.37 2.50 0.00	46.04 2.64 -0.19	45.74 2.36 -0.45	48.35 2.53 -0.70	51.21 2.26 -0.87	55.53 2.26 -0.76	59.41 2.37 -0.67	60.09 2.29 -0.43	73.31 2.99 -0.72	80.59 3.62 -0.02	78.27 2.87 0.00	74.24 2.30 0.00	66.69 1.82 0.00	58.62 1.37 0.00	49.89 1.55 0.00	45.68 1.46 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	46.71 1.62 0.00	43.39 1.59 0.00	38.59 0.83 0.00	36.10 0.32 0.00	36.45 0.25 0.00	38.63 0.72 0.00	42.46 0.25 0.00	43.40 -0.48 0.00	42.86 -1.01 0.00	42.43 -0.78 0.00	43.18 0.26 0.00	45.84 0.72 0.00	49.33 1.25 0.00	54.04 1.52 0.00	57.72 1.35 0.00	58.69 1.32 0.00	71.76 2.16 0.00	79.19 2.23 0.00	77.74 2.34 0.00	74.12 2.16 -0.02	66.82 1.95 0.00	58.74 1.49 0.00	49.84 1.50 0.00	46.43 2.17 -0.05
PACKARD___115KV_DUPONT_184 80571	46.71 1.62 0.00	43.39 1.59 0.00	38.59 0.83 0.00	36.10 0.32 0.00	36.45 0.25 0.00	38.63 0.72 0.00	42.46 0.25 0.00	43.40 -0.48 0.00	42.86 -1.01 0.00	42.43 -0.78 0.00	43.18 0.26 0.00	45.84 0.72 0.00	49.33 1.25 0.00	54.04 1.52 0.00	57.72 1.35 0.00	58.69 1.32 0.00	71.76 2.16 0.00	79.19 2.23 0.00	77.74 2.34 0.00	74.12 2.16 -0.02	66.82 1.95 0.00	58.74 1.49 0.00	49.84 1.50 0.00	46.43 2.17 -0.05
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	46.95 1.85 -0.01	43.49 1.67 -0.01	39.16 1.40 -0.01	37.15 1.36 -0.01	37.50 1.30 -0.01	39.12 1.21 0.00	43.81 1.60 0.00	45.51 1.62 0.00	45.71 1.84 0.00	45.48 2.07 -0.19	45.18 1.80 -0.45	47.63 1.80 -0.70	50.15 1.20 -0.87	54.43 1.16 -0.76	58.29 1.24 -0.67	59.11 1.32 -0.43	72.06 1.74 -0.72	79.21 2.23 -0.02	76.99 1.58 0.00	72.93 1.01 0.01	65.58 0.71 0.01	57.71 0.46 0.00	49.56 1.21 -0.01	45.60 1.37 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	47.81 2.71 -0.01	44.28 2.47 -0.01	39.88 2.11 -0.01	37.83 2.04 -0.01	38.16 1.95 -0.01	39.80 1.90 0.00	44.61 2.41 0.00	46.30 2.41 0.00	46.46 2.59 0.00	46.21 2.81 -0.19	45.91 2.53 -0.45	48.40 2.57 -0.70	50.97 2.02 -0.87	55.32 2.05 -0.76	59.30 2.25 -0.67	60.15 2.35 -0.43	73.38 3.06 -0.72	80.67 3.69 -0.02	78.49 3.09 0.00	74.37 2.45 0.01	66.87 2.01 0.01	58.79 1.55 0.00	50.43 2.08 -0.01	46.40 2.17 -0.01
PATROON___115KV_TB1 80586	45.05 -0.05 0.00	41.76 -0.04 0.00	37.79 0.04 0.00	35.89 0.11 0.00	36.30 0.11 0.00	37.91 0.00 0.00	42.16 -0.04 0.00	43.89 0.00 0.00	43.96 0.09 0.00	43.10 0.04 0.16	42.51 -0.04 0.37	44.54 0.00 0.58	47.17 -0.19 0.72	51.57 -0.32 0.63	55.37 -0.45 0.56	56.56 -0.46 0.35	68.45 -0.56 0.59	76.32 -0.62 0.02	74.88 -0.53 0.00	71.36 -0.58 0.00	64.42 -0.45 0.00	56.79 -0.46 0.00	47.96 -0.39 0.00	44.00 -0.22 0.00
PATTRSNVILLE___SOLAR 323815	46.58 1.49 0.00	43.18 1.38 0.00	39.04 1.28 0.00	37.03 1.25 0.00	37.46 1.27 0.00	39.23 1.33 0.00	43.60 1.39 0.00	45.20 1.32 0.00	44.97 1.10 0.00	43.95 0.86 0.13	43.40 0.77 0.30	45.46 0.81 0.47	48.26 0.77 0.58	52.79 0.79 0.51	56.65 0.73 0.45	58.06 0.97 0.29	70.44 1.32 0.48	78.71 1.77 0.01	77.51 2.11 0.00	74.17 2.23 0.00	67.08 2.21 0.00	59.13 1.89 0.00	49.79 1.45 0.00	45.55 1.33 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	48.43 3.34 0.00	44.82 3.01 0.00	39.83 2.08 0.00	37.29 1.50 0.00	37.64 1.45 0.00	39.92 2.01 0.00	44.19 1.98 0.00	45.42 1.54 0.00	44.97 1.10 0.00	44.59 1.38 0.00	45.46 2.53 0.00	48.33 3.20 0.00	52.16 4.09 0.00	57.34 4.83 0.00	61.28 4.90 0.00	62.36 4.99 0.00	76.35 6.75 0.00	84.11 7.16 0.00	82.72 7.31 0.00	78.72 6.76 -0.02	70.77 5.90 0.00	62.06 4.81 0.00	52.40 4.06 0.00	48.42 4.16 -0.04
PAWLING_115_KV_BK3_REV_LBMP_H 345028	46.67 1.58 0.00	43.27 1.46 0.00	39.00 1.25 0.00	37.00 1.22 0.00	37.39 1.19 0.00	39.12 1.21 0.00	43.64 1.43 0.00	45.47 1.58 0.00	45.76 1.89 0.00	45.37 1.99 -0.17	45.17 1.85 -0.40	47.73 1.99 -0.62	50.67 1.83 -0.77	55.13 1.94 -0.67	59.00 2.03 -0.60	59.87 2.12 -0.38	72.88 2.64 -0.64	80.13 3.16 -0.02	78.04 2.64 0.00	74.09 2.16 0.00	66.49 1.62 0.00	58.45 1.20 0.00	49.50 1.16 0.00	45.28 1.06 0.00
PEEKSKILL___ 23653	46.04 0.95 0.00	42.77 0.96 0.00	38.62 0.87 0.00	36.64 0.86 0.00	36.99 0.80 0.00	38.66 0.76 0.00	43.22 1.01 0.00	45.03 1.14 0.00	45.32 1.45 0.00	44.91 1.51 -0.19	44.70 1.33 -0.45	47.26 1.44 -0.69	50.18 1.25 -0.85	54.47 1.21 -0.74	58.22 1.19 -0.66	59.11 1.32 -0.42	71.91 1.60 -0.70	79.21 2.23 -0.02	76.91 1.51 0.00	73.02 1.08 0.00	65.58 0.71 0.00	57.65 0.40 0.00	48.93 0.58 0.00	44.75 0.53 0.00
PGE MADISON___WINDPWR 24146	49.06 3.97 0.00	45.44 3.64 0.00	40.62 2.87 0.00	38.39 2.61 0.00	38.94 2.75 0.00	41.17 3.26 0.00	46.13 3.93 0.00	47.88 3.99 0.00	47.42 3.55 0.00	46.45 3.24 0.00	46.36 3.44 0.00	48.96 3.83 0.00	52.31 4.23 0.00	57.40 4.88 0.00	61.84 5.47 0.00	63.05 5.68 0.00	76.77 7.17 0.00	85.35 8.39 0.00	83.85 8.44 0.00	79.99 8.06 0.00	72.13 7.26 0.00	63.54 6.30 0.00	53.22 4.88 0.00	48.38 4.16 0.00

PIERCEFIELD___HYD 23852	46.26 1.17 0.00	43.06 1.25 0.00	38.93 1.17 0.00	36.89 1.11 0.00	37.35 1.16 0.00	39.12 1.21 0.00	43.56 1.35 0.00	45.16 1.27 0.00	45.06 1.18 0.00	44.25 1.04 0.00	43.78 0.86 0.00	45.89 0.77 0.00	49.13 1.06 0.00	53.67 1.16 0.00	57.67 1.30 0.00	58.80 1.43 0.00	70.51 0.90 0.00	78.34 1.39 0.00	76.08 0.68 0.00	72.94 1.01 0.00	65.71 0.84 0.00	65.08 1.95 -5.89	64.05 1.93 -13.78	45.81 1.59 0.00
PINELAWN_CC_1 323563	44.91 -0.18 0.00	43.10 1.30 0.00	38.93 1.17 0.00	36.89 1.11 0.00	37.17 0.98 0.00	38.89 0.98 0.00	43.43 1.22 0.00	44.72 0.83 0.00	44.97 1.10 0.00	44.87 1.47 -0.19	44.14 0.99 -0.22	46.31 0.68 -0.51	45.63 0.34 2.79	46.85 0.16 5.82	48.58 0.06 7.85	57.67 -0.11 -0.41	70.24 -0.07 -0.70	62.70 0.31 14.56	55.94 -0.45 19.01	48.03 -0.50 23.40	46.49 -0.78 17.60	45.10 -0.86 11.29	43.62 -0.58 4.14	42.82 -0.13 1.27
PJM_GEN_HTTP_PROXY 323702	46.35 1.26 0.00	43.06 1.25 0.00	38.85 1.10 0.00	36.82 1.04 0.00	37.17 0.98 0.00	38.86 0.95 0.00	43.51 1.31 0.00	45.51 1.62 0.00	45.80 1.93 0.00	45.48 2.07 -0.19	45.22 1.84 -0.45	47.81 1.98 -0.70	50.67 1.73 -0.87	54.90 1.63 -0.76	58.68 1.64 -0.67	59.46 1.66 -0.43	72.41 2.09 -0.72	79.67 2.69 -0.02	77.21 1.81 0.00	73.23 1.30 0.00	65.78 0.91 0.00	57.82 0.57 0.00	49.16 0.82 0.00	45.06 0.84 0.00
PJM_GEN_KEystone 24065	45.72 0.63 0.00	42.39 0.58 0.00	38.02 0.27 0.00	35.85 0.07 0.00	36.23 0.04 0.00	38.14 0.23 0.00	42.42 0.21 0.00	43.97 0.09 0.00	43.87 0.00 0.00	43.58 0.26 -0.10	43.60 0.43 -0.25	46.18 0.68 -0.38	49.30 0.82 -0.41	53.63 0.95 -0.17	57.26 0.96 0.06	58.09 0.97 0.26	70.26 1.32 0.66	77.76 1.84 1.04	75.96 1.43 0.87	71.74 1.22 1.42	64.74 0.78 0.91	57.40 0.57 0.42	49.02 0.68 0.00	45.34 1.11 -0.01
PJM_GEN_NEPTUNE_PROXY 323594	44.68 -0.41 0.00	42.72 0.92 0.00	38.55 0.79 0.00	36.57 0.79 0.00	36.88 0.69 0.00	38.55 0.64 0.00	43.05 0.84 0.00	44.41 0.53 0.00	44.66 0.79 0.00	44.53 1.12 -0.19	43.87 0.77 -0.17	46.41 0.81 -0.47	45.08 0.58 3.57	45.70 0.42 7.23	47.03 0.34 9.68	58.18 0.40 -0.41	70.80 0.49 -0.70	60.18 0.93 17.70	52.53 0.23 23.10	43.27 -0.22 28.45	42.96 -0.52 21.39	42.84 -0.68 13.72	42.87 -0.44 5.03	42.33 -0.36 1.54
PJM_GEN_VFT_PROXY 323633	46.07 0.99 0.01	42.80 1.00 0.01	38.62 0.87 0.01	36.60 0.82 0.01	36.98 0.80 0.01	38.62 0.72 0.01	43.29 1.10 0.01	45.24 1.36 0.01	45.57 1.71 0.01	45.26 1.86 -0.19	45.01 1.63 -0.45	47.54 1.71 -0.70	49.44 1.40 0.03	51.17 1.26 2.60	52.11 1.19 5.45	52.06 1.21 6.52	56.85 1.53 14.28	64.13 2.15 14.98	64.29 1.28 12.39	52.36 0.79 20.37	52.29 0.39 12.97	51.36 0.17 6.06	48.92 0.58 0.01	44.79 0.57 0.01
PLATSBRG_115KV_PMLD1 355749	44.91 -0.18 0.00	42.01 0.21 0.00	38.06 0.30 0.00	36.07 0.29 0.00	36.52 0.33 0.00	38.17 0.27 0.00	42.54 0.34 0.00	44.19 0.31 0.00	44.22 0.35 0.00	43.51 0.30 0.00	43.10 0.17 0.00	44.85 -0.27 0.00	48.03 -0.05 0.00	52.46 -0.05 0.00	56.37 0.00 0.00	57.48 0.11 0.00	69.46 -0.14 0.00	77.11 0.15 0.00	75.33 -0.08 0.00	72.01 0.07 0.00	64.93 0.06 0.00	57.42 0.17 0.00	47.85 0.19 0.68	44.31 0.09 0.00
PLEASANTVLY___LBMP 24000	45.95 0.86 0.00	42.56 0.75 0.00	38.44 0.68 0.00	36.50 0.72 0.00	36.88 0.69 0.00	38.55 0.64 0.00	42.96 0.76 0.00	44.81 0.92 0.00	45.01 1.14 0.00	44.64 1.21 -0.22	44.42 0.99 -0.51	46.99 1.08 -0.79	49.91 0.87 -0.97	54.15 0.79 -0.85	57.91 0.79 -0.75	58.53 0.69 -0.48	71.38 0.97 -0.80	78.21 1.23 -0.02	76.31 0.90 0.00	72.51 0.58 0.00	65.26 0.39 0.00	57.42 0.17 0.00	48.68 0.34 0.00	44.66 0.44 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	46.35 1.26 0.00	42.93 1.13 0.00	38.74 0.98 0.00	36.75 0.97 0.00	37.10 0.90 0.00	38.82 0.91 0.00	43.34 1.14 0.00	45.25 1.36 0.00	45.54 1.67 0.00	45.18 1.77 -0.19	44.93 1.55 -0.46	47.50 1.67 -0.71	50.44 1.49 -0.88	54.69 1.42 -0.76	58.57 1.52 -0.68	59.29 1.49 -0.43	72.28 1.95 -0.72	79.36 2.39 -0.02	77.21 1.81 0.00	73.30 1.37 0.00	65.84 0.97 0.00	57.93 0.69 0.00	49.17 0.82 0.00	45.02 0.80 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	46.35 1.26 0.00	42.93 1.13 0.00	38.74 0.98 0.00	36.75 0.97 0.00	37.10 0.90 0.00	38.82 0.91 0.00	43.34 1.14 0.00	45.25 1.36 0.00	45.54 1.67 0.00	45.18 1.77 -0.19	44.93 1.55 -0.46	47.50 1.67 -0.71	50.44 1.49 -0.88	54.69 1.42 -0.76	58.57 1.52 -0.68	59.29 1.49 -0.43	72.28 1.95 -0.72	79.36 2.39 -0.02	77.21 1.81 0.00	73.30 1.37 0.00	65.84 0.97 0.00	57.93 0.69 0.00	49.17 0.82 0.00	45.02 0.80 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	46.40 1.31 0.00	42.98 1.17 0.00	38.81 1.06 0.00	36.82 1.04 0.00	37.21 1.01 0.00	38.89 0.99 0.00	43.39 1.18 0.00	45.25 1.36 0.00	45.41 1.54 0.00	44.81 1.60 0.00	44.30 1.37 0.00	46.57 1.44 0.00	49.42 1.35 0.00	53.88 1.37 0.00	57.89 1.52 0.00	58.86 1.49 0.00	71.55 1.95 0.00	79.34 2.39 0.00	77.44 2.04 0.00	73.59 1.65 0.00	66.23 1.36 0.00	58.22 0.97 0.00	49.31 0.97 0.00	45.11 0.88 0.00
POLETTI____ 23519	46.53 1.44 0.00	43.06 1.25 0.00	38.81 1.06 0.00	36.78 1.00 0.00	37.17 0.98 0.00	38.85 0.95 0.00	43.51 1.31 0.00	45.47 1.58 0.00	45.80 1.93 0.00	45.52 2.12 -0.19	45.23 1.85 -0.45	47.77 1.94 -0.70	50.58 1.63 -0.87	54.79 1.52 -0.76	58.62 1.58 -0.67	59.29 1.49 -0.43	72.27 1.95 -0.72	79.36 2.39 -0.02	77.06 1.66 0.00	73.09 1.15 0.00	65.65 0.78 0.00	57.76 0.52 0.00	49.26 0.92 0.00	45.15 0.93 0.00
POMONA___ESR 323819	46.04 0.95 0.00	42.77 0.96 0.00	38.62 0.87 0.00	36.64 0.86 0.00	36.99 0.80 0.00	38.63 0.72 0.00	43.18 0.97 0.00	45.03 1.14 0.00	45.27 1.40 0.00	44.86 1.47 -0.18	44.64 1.29 -0.42	47.18 1.40 -0.66	50.19 1.30 -0.81	54.48 1.26 -0.71	58.30 1.30 -0.63	59.14 1.37 -0.40	72.02 1.74 -0.67	79.28 2.31 -0.02	76.99 1.59 0.00	73.16 1.22 0.00	65.71 0.84 0.00	57.76 0.51 0.00	48.93 0.58 0.00	44.79 0.57 0.00
PORT_JEFF_3 23555	44.55 -0.54 0.00	42.97 1.17 0.00	38.78 1.02 0.00	36.75 0.97 0.00	37.03 0.83 0.00	38.74 0.83 0.00	43.26 1.06 0.00	44.50 0.61 0.00	44.70 0.83 0.00	44.66 1.25 -0.19	43.89 0.77 -0.19	46.46 0.86 -0.49	45.44 0.62 3.26	46.27 0.42 6.66	47.77 0.34 8.94	58.24 0.46 -0.41	70.73 0.42 -0.70	61.37 0.85 16.43	54.33 0.38 21.45	45.46 -0.07 26.41	44.56 -0.45 19.86	43.83 -0.68 12.74	43.23 -0.44 4.67	42.35 -0.44 1.43
PORT_JEFF_4 23616	44.55 -0.54 0.00	42.97 1.17 0.00	38.78 1.02 0.00	36.75 0.97 0.00	37.03 0.83 0.00	38.74 0.83 0.00	43.26 1.06 0.00	44.50 0.61 0.00	44.70 0.83 0.00	44.66 1.25 -0.19	43.89 0.77 -0.19	46.46 0.86 -0.49	45.44 0.62 3.26	46.27 0.42 6.66	47.77 0.34 8.94	58.24 0.46 -0.41	70.73 0.42 -0.70	61.37 0.85 16.43	54.33 0.38 21.45	45.46 -0.07 26.41	44.56 -0.45 19.86	43.83 -0.68 12.74	43.23 -0.44 4.67	42.35 -0.44 1.43

PORT_JEFF_IC 23713	46.04 0.95 0.00	43.27 1.46 0.00	38.81 1.06 0.00	36.78 1.00 0.00	37.06 0.87 0.00	38.78 0.87 0.00	43.30 1.10 0.00	44.68 0.79 0.00	45.10 1.23 0.00	45.05 1.64 -0.19	43.98 0.86 -0.19	46.56 0.95 -0.49	45.56 0.72 3.24	46.41 0.53 6.63	48.03 0.56 8.90	58.29 0.52 -0.41	70.86 0.56 -0.70	61.44 0.85 16.37	54.56 0.53 21.37	45.63 0.00 26.31	44.83 -0.26 19.78	44.10 -0.46 12.69	43.40 -0.29 4.66	42.49 -0.31 1.42
PPL PILGRIM_ST_GT1 24216	44.96 -0.13 0.00	43.35 1.55 0.00	39.11 1.36 0.00	37.07 1.29 0.00	37.35 1.16 0.00	39.08 1.18 0.00	43.64 1.44 0.00	44.85 0.96 0.00	45.10 1.23 0.00	45.05 1.64 -0.19	44.15 1.03 -0.20	46.69 1.08 -0.49	45.71 0.82 3.18	46.67 0.68 6.52	48.29 0.68 8.76	58.52 0.74 -0.41	71.28 0.97 -0.70	62.29 1.46 16.12	55.11 0.75 21.05	46.39 0.36 25.91	45.38 0.00 19.49	44.52 -0.23 12.50	43.66 -0.10 4.59	42.73 -0.09 1.40
PPL PILGRIM_ST_GT2 24217	44.96 -0.13 0.00	43.35 1.55 0.00	39.11 1.36 0.00	37.07 1.29 0.00	37.35 1.16 0.00	39.08 1.18 0.00	43.64 1.44 0.00	44.85 0.96 0.00	45.10 1.23 0.00	45.05 1.64 -0.19	44.15 1.03 -0.20	46.69 1.08 -0.49	45.71 0.82 3.18	46.67 0.68 6.52	48.29 0.68 8.76	58.52 0.74 -0.41	71.28 0.97 -0.70	62.29 1.46 16.12	55.11 0.75 21.05	46.39 0.36 25.91	45.38 0.00 19.49	44.52 -0.23 12.50	43.66 -0.10 4.59	42.73 -0.09 1.40
PPL_SHRM_GT3 24213	44.10 -0.99 0.00	42.56 0.75 0.00	38.36 0.60 0.00	36.39 0.61 0.00	36.63 0.44 0.00	38.32 0.42 0.00	42.75 0.55 0.00	44.02 0.13 0.00	44.26 0.39 0.00	44.27 0.86 -0.19	43.55 0.43 -0.19	46.11 0.50 -0.49	45.02 0.19 3.25	45.87 0.00 6.65	47.39 -0.06 8.92	57.78 0.00 -0.41	70.38 0.07 -0.70	61.02 0.46 16.40	53.77 -0.23 21.41	44.93 -0.65 26.36	43.94 -1.10 19.82	43.33 -1.20 12.71	42.76 -0.92 4.67	41.87 -0.93 1.43
PPL_SHRM_GT4 24214	44.10 -0.99 0.00	42.56 0.75 0.00	38.36 0.60 0.00	36.39 0.61 0.00	36.63 0.44 0.00	38.32 0.42 0.00	42.75 0.55 0.00	44.02 0.13 0.00	44.26 0.39 0.00	44.27 0.86 -0.19	43.55 0.43 -0.19	46.11 0.50 -0.49	45.02 0.19 3.25	45.87 0.00 6.65	47.39 -0.06 8.92	57.78 0.00 -0.41	70.38 0.07 -0.70	61.02 0.46 16.40	53.77 -0.23 21.41	44.93 -0.65 26.36	43.94 -1.10 19.82	43.33 -1.20 12.71	42.76 -0.92 4.67	41.87 -0.93 1.43
PROJECT___ORANGE 1 24174	44.87 -0.23 0.00	41.55 -0.25 0.00	37.38 -0.38 0.00	35.35 -0.43 0.00	35.76 -0.43 0.00	37.57 -0.34 0.00	41.99 -0.21 0.00	43.71 -0.18 0.00	43.65 -0.22 0.00	43.04 -0.17 0.00	42.97 0.04 0.00	45.21 0.09 0.00	48.32 0.24 0.00	52.93 0.42 0.00	56.88 0.51 0.00	57.88 0.52 0.00	70.23 0.63 0.00	77.50 0.54 0.00	75.93 0.53 0.00	72.44 0.50 0.00	65.19 0.32 0.00	57.48 0.23 0.00	48.50 0.05 -0.11	44.18 -0.04 0.00
PROJECT___ORANGE 2 24166	44.87 -0.23 0.00	41.55 -0.25 0.00	37.38 -0.38 0.00	35.35 -0.43 0.00	35.76 -0.43 0.00	37.57 -0.34 0.00	41.99 -0.21 0.00	43.71 -0.18 0.00	43.65 -0.22 0.00	43.04 -0.17 0.00	42.97 0.04 0.00	45.21 0.09 0.00	48.32 0.24 0.00	52.93 0.42 0.00	56.88 0.51 0.00	57.88 0.52 0.00	70.23 0.63 0.00	77.50 0.54 0.00	75.93 0.53 0.00	72.44 0.50 0.00	65.19 0.32 0.00	57.48 0.23 0.00	48.50 0.05 -0.11	44.18 -0.04 0.00
PUCKETT___SOLAR 323809	46.53 1.44 0.00	43.06 1.25 0.00	38.62 0.87 0.00	36.46 0.68 0.00	36.88 0.69 0.00	38.89 0.98 0.00	43.43 1.22 0.00	45.03 1.14 0.00	44.75 0.88 0.00	44.08 0.86 0.00	43.91 0.99 0.00	46.34 1.22 0.00	49.52 1.44 0.00	54.30 1.79 0.00	58.40 2.03 0.00	59.49 2.12 0.00	72.39 2.79 0.00	80.42 3.47 0.00	78.80 3.40 0.00	75.25 3.31 0.00	67.72 2.85 0.00	59.65 2.40 0.00	50.28 1.94 0.00	46.13 1.90 -0.01
PYRITES___HYD 24023	47.03 1.94 0.00	43.77 1.96 0.00	39.53 1.77 0.00	37.46 1.68 0.00	38.00 1.81 0.00	39.80 1.90 0.00	44.32 2.11 0.00	45.82 1.93 0.00	45.54 1.67 0.00	44.64 1.43 0.00	44.13 1.20 0.00	46.25 1.13 0.00	49.47 1.39 0.00	54.04 1.52 0.00	58.12 1.75 0.00	59.26 1.89 0.00	71.13 1.53 0.00	79.19 2.23 0.00	77.44 2.04 0.00	74.38 2.45 0.00	67.34 2.47 0.00	66.54 3.09 -6.20	65.40 2.80 -14.25	46.52 2.30 0.00
QUAKERRD_115KV_BK1 80622	45.23 0.14 0.00	41.89 0.08 0.00	37.42 -0.34 0.00	35.32 -0.47 0.00	35.72 -0.47 0.00	37.68 -0.23 0.00	41.95 -0.25 0.00	43.58 -0.31 0.00	43.30 -0.57 0.00	42.74 -0.48 0.00	42.97 0.04 0.00	45.21 0.09 0.00	48.51 0.43 0.00	53.20 0.68 0.00	57.10 0.73 0.00	58.34 0.98 0.00	71.00 1.39 0.00	78.50 1.54 0.00	76.91 1.51 0.00	73.37 1.44 0.00	66.04 1.17 0.00	58.05 0.80 0.00	48.92 0.58 0.00	44.66 0.44 0.01
QUENSBRY_115KV_TB8 356137	47.03 1.94 0.00	43.52 1.71 0.00	39.38 1.62 0.00	37.29 1.50 0.00	37.82 1.63 0.00	39.57 1.67 0.00	43.98 1.77 0.00	45.73 1.84 0.00	45.45 1.58 0.00	44.60 1.56 0.17	43.77 1.24 0.40	45.85 1.35 0.63	48.55 1.25 0.77	53.10 1.26 0.67	56.84 1.07 0.60	58.31 1.32 0.38	70.70 1.74 0.64	78.86 1.92 0.02	77.82 2.41 0.00	74.96 3.02 0.00	67.98 3.11 0.00	60.00 2.75 0.00	50.33 1.98 0.00	45.90 1.68 0.00
RAMAPO___LBMP 323565	45.99 0.90 0.00	42.64 0.84 0.00	38.47 0.72 0.00	36.50 0.72 0.00	36.84 0.65 0.00	38.55 0.64 0.00	43.05 0.84 0.00	44.85 0.97 0.00	45.10 1.23 0.00	44.77 1.38 -0.18	44.50 1.16 -0.42	47.03 1.26 -0.65	49.94 1.06 -0.80	54.26 1.05 -0.70	58.06 1.07 -0.62	58.79 1.03 -0.39	71.66 1.39 -0.66	78.75 1.77 -0.02	76.68 1.28 0.00	72.87 0.94 0.00	65.45 0.58 0.00	57.53 0.29 0.00	48.83 0.48 0.00	44.71 0.49 0.00
RANKINE____ 23646	47.93 2.84 0.00	44.44 2.63 0.00	39.49 1.74 0.00	36.96 1.18 0.00	37.31 1.12 0.00	39.54 1.63 0.00	43.77 1.56 0.00	44.94 1.05 0.00	44.44 0.57 0.00	44.08 0.86 0.00	44.86 1.93 0.00	47.65 2.53 0.00	51.39 3.32 0.00	56.45 3.94 0.00	60.32 3.95 0.00	61.33 3.96 0.00	75.03 5.43 0.00	82.73 5.77 0.00	81.36 5.96 0.00	77.43 5.47 -0.02	69.67 4.80 0.00	61.20 3.95 0.00	51.73 3.38 0.00	47.85 3.58 -0.04
RAVENSWOOD_GT2_1 24244	46.58 1.49 0.00	43.14 1.34 0.00	38.89 1.13 0.00	36.86 1.07 0.00	37.21 1.01 0.00	38.89 0.99 0.00	43.56 1.35 0.00	45.51 1.62 0.00	45.84 1.97 0.00	45.56 2.16 -0.19	45.27 1.89 -0.45	47.86 2.03 -0.70	50.63 1.68 -0.87	54.90 1.63 -0.76	58.74 1.69 -0.67	59.40 1.61 -0.43	72.41 2.09 -0.72	79.52 2.54 -0.02	77.29 1.89 0.00	73.30 1.37 0.00	65.84 0.97 0.00	57.93 0.69 0.00	49.31 0.97 0.00	45.19 0.97 0.00
RAVENSWOOD_GT2_2 24245	46.58 1.49 0.00	43.14 1.34 0.00	38.89 1.13 0.00	36.86 1.07 0.00	37.21 1.01 0.00	38.89 0.99 0.00	43.56 1.35 0.00	45.51 1.62 0.00	45.84 1.97 0.00	45.56 2.16 -0.19	45.27 1.89 -0.45	47.86 2.03 -0.70	50.63 1.68 -0.87	54.90 1.63 -0.76	58.74 1.69 -0.67	59.40 1.61 -0.43	72.41 2.09 -0.72	79.52 2.54 -0.02	77.29 1.89 0.00	73.30 1.37 0.00	65.84 0.97 0.00	57.93 0.69 0.00	49.31 0.97 0.00	45.19 0.97 0.00



RAVENSWOOD_GT2_3 24246	46.62 1.53 0.00	43.14 1.34 0.00	38.89 1.13 0.00	36.89 1.11 0.00	37.24 1.05 0.00	38.93 1.02 0.00	43.60 1.39 0.00	45.55 1.67 0.00	45.89 2.02 0.00	45.61 2.20 -0.19	45.31 1.93 -0.45	47.86 2.03 -0.70	50.68 1.73 -0.87	54.95 1.68 -0.76	58.79 1.75 -0.67	59.40 1.61 -0.43	72.41 2.09 -0.72	79.59 2.62 -0.02	77.29 1.89 0.00	73.37 1.44 0.00	65.91 1.04 0.00	57.93 0.69 0.00	49.36 1.02 0.00	45.24 1.02 0.00
RAVENSWOOD_GT2_4 24247	46.62 1.53 0.00	43.14 1.34 0.00	38.89 1.13 0.00	36.89 1.11 0.00	37.24 1.05 0.00	38.93 1.02 0.00	43.60 1.39 0.00	45.55 1.67 0.00	45.89 2.02 0.00	45.61 2.20 -0.19	45.31 1.93 -0.45	47.86 2.03 -0.70	50.68 1.73 -0.87	54.95 1.68 -0.76	58.79 1.75 -0.67	59.40 1.61 -0.43	72.41 2.09 -0.72	79.59 2.62 -0.02	77.29 1.89 0.00	73.37 1.44 0.00	65.91 1.04 0.00	57.93 0.69 0.00	49.36 1.02 0.00	45.24 1.02 0.00
RAVENSWOOD_GT3_1 24248	46.58 1.49 0.00	43.14 1.34 0.00	38.89 1.13 0.00	36.86 1.07 0.00	37.24 1.05 0.00	38.93 1.02 0.00	43.56 1.35 0.00	45.51 1.62 0.00	45.84 1.97 0.00	45.56 2.16 -0.19	45.27 1.89 -0.45	47.86 2.03 -0.70	50.68 1.73 -0.87	54.90 1.63 -0.76	58.74 1.69 -0.67	59.40 1.61 -0.43	72.41 2.09 -0.72	79.52 2.54 -0.02	77.29 1.89 0.00	73.30 1.37 0.00	65.84 0.97 0.00	57.93 0.69 0.00	49.36 1.02 0.00	45.19 0.97 0.00
RAVENSWOOD_GT3_2 24249	46.58 1.49 0.00	43.14 1.34 0.00	38.89 1.13 0.00	36.86 1.07 0.00	37.24 1.05 0.00	38.93 1.02 0.00	43.56 1.35 0.00	45.51 1.62 0.00	45.84 1.97 0.00	45.56 2.16 -0.19	45.27 1.89 -0.45	47.86 2.03 -0.70	50.68 1.73 -0.87	54.90 1.63 -0.76	58.74 1.69 -0.67	59.40 1.61 -0.43	72.41 2.09 -0.72	79.52 2.54 -0.02	77.29 1.89 0.00	73.30 1.37 0.00	65.84 0.97 0.00	57.93 0.69 0.00	49.36 1.02 0.00	45.19 0.97 0.00
RAVENSWOOD_GT3_3 24250	46.67 1.58 0.00	43.23 1.42 0.00	38.93 1.17 0.00	36.93 1.15 0.00	37.28 1.09 0.00	38.97 1.06 0.00	43.64 1.43 0.00	45.60 1.71 0.00	45.93 2.06 0.00	45.65 2.25 -0.19	45.35 1.97 -0.45	47.95 2.12 -0.70	50.77 1.83 -0.87	55.00 1.73 -0.76	58.85 1.80 -0.67	59.51 1.72 -0.43	72.55 2.23 -0.72	79.67 2.69 -0.02	77.44 2.04 0.00	73.45 1.51 0.00	65.97 1.10 0.00	58.05 0.80 0.00	49.41 1.06 0.00	45.28 1.06 0.00
RAVENSWOOD_GT3_4 24251	46.67 1.58 0.00	43.23 1.42 0.00	38.93 1.17 0.00	36.93 1.15 0.00	37.28 1.09 0.00	38.97 1.06 0.00	43.64 1.43 0.00	45.60 1.71 0.00	45.93 2.06 0.00	45.65 2.25 -0.19	45.35 1.97 -0.45	47.95 2.12 -0.70	50.77 1.83 -0.87	55.00 1.73 -0.76	58.85 1.80 -0.67	59.51 1.72 -0.43	72.55 2.23 -0.72	79.67 2.69 -0.02	77.44 2.04 0.00	73.45 1.51 0.00	65.97 1.10 0.00	58.05 0.80 0.00	49.41 1.06 0.00	45.28 1.06 0.00
RAVENSWOOD_GT_1 23729	46.81 1.71 0.00	43.31 1.51 0.00	39.00 1.25 0.00	37.04 1.25 0.00	37.35 1.16 0.00	39.01 1.10 0.00	43.72 1.52 0.00	45.60 1.71 0.00	45.93 2.06 0.00	45.69 2.29 -0.19	45.40 2.02 -0.45	47.90 2.08 -0.70	50.44 1.49 -0.87	54.64 1.37 -0.76	58.45 1.41 -0.67	59.06 1.26 -0.43	71.99 1.67 -0.72	79.13 2.15 -0.02	76.84 1.43 0.00	63.18 1.01 9.76	63.18 0.65 2.34	57.59 0.34 0.00	49.41 1.06 0.00	45.42 1.19 0.00
RAVENSWOOD_GT_10 24258	46.58 1.49 0.00	43.14 1.34 0.00	38.89 1.13 0.00	36.86 1.07 0.00	37.21 1.01 0.00	38.93 1.02 0.00	43.56 1.35																	

RAVENSWOOD___1 23533	46.67 1.58 0.00	43.31 1.50 0.00	39.00 1.24 0.00	37.00 1.22 0.00	37.35 1.16 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.60 1.71 0.00	45.89 2.02 0.00	45.61 2.20 -0.19	45.36 1.98 -0.45	47.86 2.03 -0.70	50.44 1.49 -0.87	54.63 1.36 -0.75	58.33 1.30 -0.67	59.11 1.32 -0.42	71.98 1.67 -0.71	79.28 2.31 -0.01	76.82 1.43 0.01	63.18 1.01 9.76	63.18 0.65 2.34	57.58 0.35 0.01	49.11 0.77 0.00	45.33 1.11 0.00
RAVENSWOOD___2 23534	46.67 1.58 0.00	43.31 1.50 0.00	39.00 1.24 0.00	37.00 1.22 0.00	37.35 1.16 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.60 1.71 0.00	45.89 2.02 0.00	45.61 2.20 -0.19	45.36 1.98 -0.45	47.86 2.03 -0.70	50.44 1.49 -0.87	54.63 1.36 -0.75	58.33 1.30 -0.67	59.11 1.32 -0.42	71.98 1.67 -0.71	79.28 2.31 -0.01	76.82 1.43 0.01	63.18 1.01 9.76	63.18 0.65 2.34	57.58 0.35 0.01	49.11 0.77 0.00	45.33 1.11 0.00
RAVENSWOOD___3 23535	46.40 1.31 0.00	43.10 1.30 0.00	38.89 1.13 0.00	36.86 1.07 0.00	37.24 1.05 0.00	38.89 0.98 0.00	43.56 1.35 0.00	45.51 1.62 0.00	45.85 1.98 0.00	45.48 2.07 -0.19	45.22 1.84 -0.45	47.81 1.98 -0.70	50.67 1.73 -0.87	54.90 1.63 -0.76	58.62 1.58 -0.67	59.46 1.66 -0.43	72.41 2.09 -0.72	79.67 2.69 -0.02	77.29 1.89 0.00	73.30 1.36 0.00	65.84 0.97 0.00	57.88 0.63 0.00	49.21 0.87 0.00	45.11 0.88 0.00
RAVENSWOOD___4 23820	46.67 1.58 0.00	43.31 1.50 0.00	39.00 1.24 0.00	37.00 1.22 0.00	37.35 1.16 0.00	38.93 1.02 0.00	43.72 1.52 0.00	45.60 1.71 0.00	45.89 2.02 0.00	45.61 2.20 -0.19	45.36 1.98 -0.45	47.86 2.03 -0.70	50.44 1.49 -0.87	54.63 1.36 -0.75	58.33 1.30 -0.67	59.11 1.32 -0.42	71.98 1.67 -0.71	79.28 2.31 -0.01	76.82 1.43 0.01	63.18 1.01 9.76	63.18 0.65 2.34	57.58 0.35 0.01	49.11 0.77 0.00	45.33 1.11 0.00
RCPL_TRUST___DRP 24196	46.62 1.53 0.00	43.14 1.34 0.00	38.89 1.13 0.00	36.89 1.11 0.00	37.24 1.05 0.00	38.97 1.06 0.00	43.64 1.43 0.00	45.60 1.71 0.00	45.98 2.11 0.00	45.65 2.25 -0.19	45.35 1.97 -0.45	47.95 2.12 -0.70	50.77 1.83 -0.87	55.06 1.79 -0.76	58.91 1.86 -0.67	59.57 1.78 -0.43	72.62 2.30 -0.72	79.75 2.77 -0.02	77.44 2.04 0.00	73.37 1.44 0.00	65.91 1.04 0.00	57.99 0.74 0.00	49.36 1.02 0.00	45.24 1.02 0.00
RED___ROCHESTER 323720	46.90 1.81 0.00	43.39 1.59 0.00	38.66 0.90 0.00	36.43 0.64 0.00	36.84 0.65 0.00	38.97 1.06 0.00	43.30 1.10 0.00	44.98 1.10 0.00	44.66 0.79 0.00	44.25 1.04 0.00	44.56 1.63 0.00	46.84 1.71 0.00	50.29 2.21 0.00	55.19 2.68 0.00	59.53 3.15 0.00	60.64 3.27 0.00	73.85 4.25 0.00	81.73 4.77 0.00	79.85 4.45 0.00	76.17 4.24 0.01	68.63 3.76 0.00	60.39 3.15 0.00	51.00 2.66 0.00	46.25 2.04 0.01
REGAN___SOLAR 323812	48.61 3.52 0.00	45.02 3.22 0.00	40.55 2.79 0.00	38.39 2.61 0.00	38.98 2.79 0.00	40.87 2.96 0.00	45.50 3.29 0.00	46.87 2.99 0.00	46.19 2.32 0.00	44.82 1.73 0.12	44.24 1.59 0.28	46.23 1.54 0.43	49.04 1.49 0.53	53.68 1.63 0.46	57.54 1.58 0.41	59.29 2.18 0.26	72.37 3.20 0.44	81.41 4.46 0.01	80.90 5.50 0.00	77.69 5.76 0.00	70.51 5.64 0.00	62.17 4.92 0.00	52.12 3.77 0.00	47.58 3.36 0.00
RENSSELAER___COGEN 23796	44.55 -0.54 0.00	41.35 -0.46 0.00	37.45 -0.30 0.00	35.57 -0.21 0.00	35.98 -0.22 0.00	37.57 -0.34 0.00	41.78 -0.42 0.00	43.45 -0.44 0.00	43.57 -0.30 0.00	42.62 -0.43 0.15	42.05 -0.51 0.36	44.02 -0.54 0.57	46.66 -0.72 0.70	51.01 -0.89 0.61	54.70 -1.13 0.54	55.93 -1.09 0.34	67.70 -1.32 0.58	75.63 -1.31 0.02	74.05 -1.36 0.00	70.57 -1.37 0.00	63.70 -1.17 0.00	56.16 -1.09 0.00	47.38 -0.97 0.00	43.51 -0.71 0.00
REPUBLIC_115KV_BARTNBK 55605	49.38 4.28 0.00	45.69 3.89 0.00	41.23 3.47 0.00	38.97 3.18 0.00	39.59 3.40 0.00	41.47 3.56 0.00	46.13 3.93 0.00	47.79 3.91 0.00	47.25 3.38 0.00	46.37 3.33 0.17	45.74 3.22 0.41	47.96 3.47 0.64	50.80 3.51 0.78	55.66 3.83 0.68	59.32 3.55 0.61	60.88 3.90 0.38	73.83 4.87 0.65	82.48 5.54 0.02	81.81 6.41 0.00	78.91 6.98 0.00	71.94 7.07 0.00	63.43 6.18 0.00	52.98 4.64 0.00	48.25 4.02 0.00
REVERE_CPPR_DRP 24186	47.12 2.03 0.00	43.65 1.84 0.00	39.27 1.51 0.00	37.18 1.40 0.00	37.68 1.48 0.00	39.61 1.71 0.00	44.23 2.03 0.00	46.12 2.24 0.00	45.93 2.06 0.00	45.07 1.86 0.00	44.90 1.97 0.00	47.29 2.17 0.00	50.48 2.40 0.00	55.24 2.73 0.00	59.42 3.04 0.00	60.52 3.16 0.00	73.22 3.62 0.00	80.96 4.00 0.00	79.47 4.07 0.00	75.96 4.03 0.00	68.57 3.70 0.00	60.95 3.32 -0.38	51.80 2.56 -0.90	46.21 1.99 0.00
REYNLDPA_13_KV_LD 356490	45.68 0.59 0.00	42.47 0.67 0.00	38.44 0.68 0.00	36.43 0.64 0.00	36.84 0.65 0.00	38.51 0.61 0.00	42.88 0.68 0.00	44.50 0.61 0.00	44.48 0.61 0.00	43.77 0.56 0.00	43.36 0.43 0.00	45.48 0.36 0.00	48.65 0.58 0.00	53.09 0.58 0.00	57.05 0.68 0.00	58.11 0.75 0.00	70.23 0.63 0.00	77.88 0.92 0.00	76.01 0.60 0.00	72.66 0.72 0.00	65.65 0.78 0.00	57.47 0.92 0.69	47.93 0.92 1.34	45.02 0.80 0.00
REYNOLDS_115KV_TB3 80639	45.14 0.05 0.00	41.85 0.04 0.00	37.83 0.08 0.00	35.96 0.18 0.00	36.37 0.18 0.00	37.98 0.08 0.00	42.20 0.00 0.00	43.93 0.04 0.00	44.00 0.13 0.00	43.07 0.04 0.19	42.40 -0.09 0.44	44.40 -0.05 0.68	47.00 -0.24 0.84	51.41 -0.37 0.73	55.21 -0.51 0.65	56.38 -0.57 0.41	68.28 -0.63 0.69	76.24 -0.69 0.02	74.80 -0.60 0.00	71.29 -0.65 0.00	64.35 -0.52 0.00	56.79 -0.46 0.00	47.96 -0.39 0.00	44.00 -0.22 0.00
RIVERBAY____ 323610	47.81 2.71 -0.01	44.28 2.47 -0.01	39.88 2.11 -0.01	37.83 2.04 -0.01	38.16 1.95 -0.01	39.80 1.90 0.00	44.61 2.41 0.00	46.30 2.41 0.00	46.46 2.59 0.00	46.21 2.81 -0.19	45.91 2.53 -0.45	48.40 2.57 -0.70	50.97 2.02 -0.87	55.32 2.05 -0.76	59.30 2.25 -0.67	60.15 2.35 -0.43	73.38 3.06 -0.72	80.67 3.69 -0.02	78.49 3.09 0.00	74.37 2.45 0.01	66.87 2.01 0.01	58.79 1.55 0.00	50.43 2.08 -0.01	46.40 2.17 -0.01
RIVERSDE_115KV_TB3 55908	44.96 -0.14 0.00	41.68 -0.13 0.00	37.72 -0.04 0.00	35.85 0.07 0.00	36.27 0.07 0.00	37.87 -0.04 0.00	42.08 -0.13 0.00	43.80 -0.09 0.00	43.91 0.04 0.00	43.00 -0.04 0.17	42.35 -0.17 0.40	44.36 -0.14 0.63	46.97 -0.34 0.77	51.37 -0.47 0.67	55.15 -0.62 0.60	56.36 -0.63 0.38	68.20 -0.77 0.64	76.09 -0.85 0.02	74.65 -0.75 0.00	71.14 -0.79 0.00	64.22 -0.65 0.00	56.67 -0.57 0.00	47.81 -0.53 0.00	43.87 -0.35 0.00
ROARING___BROOK_WT_PWR 323790	45.05 -0.05 0.00	41.76 -0.04 0.00	37.68 -0.08 0.00	35.68 -0.11 0.00	36.08 -0.11 0.00	37.79 -0.11 0.00	42.12 -0.08 0.00	43.80 -0.09 0.00	43.83 -0.04 0.00	43.21 0.00 0.00	42.93 0.00 0.00	45.08 -0.05 0.00	48.08 0.00 0.00	52.46 -0.05 0.00	56.32 -0.06 0.00	57.31 -0.06 0.00	69.53 -0.07 0.00	76.80 -0.15 0.00	75.25 -0.15 0.00	71.86 -0.07 0.00	64.81 -0.06 0.00	57.19 -0.06 0.00	48.30 -0.05 0.00	44.13 -0.09 0.00

ROCHESRG_115KV_T4 355643	46.22 1.13 0.00	42.81 1.00 0.00	38.25 0.49 0.00	36.03 0.25 0.00	36.45 0.25 0.00	38.44 0.53 0.00	42.75 0.55 0.00	44.32 0.44 0.00	44.00 0.13 0.00	43.43 0.22 0.00	43.78 0.86 0.00	46.12 0.99 0.00	49.52 1.44 0.00	54.30 1.79 0.00	58.29 1.92 0.00	59.49 2.12 0.00	72.46 2.85 0.00	80.11 3.16 0.00	78.49 3.09 0.00	74.88 2.95 0.01	67.46 2.59 0.00	59.31 2.06 0.00	49.94 1.60 0.00	45.72 1.50 0.01
ROCHESTER_9_IC 23652	46.53 1.44 0.00	43.10 1.30 0.00	38.47 0.72 0.00	36.25 0.47 0.00	36.66 0.47 0.00	38.70 0.80 0.00	43.05 0.84 0.00	44.68 0.79 0.00	44.35 0.48 0.00	43.77 0.56 0.00	44.13 1.20 0.00	46.43 1.31 0.00	49.90 1.83 0.00	54.77 2.26 0.00	58.80 2.42 0.00	60.06 2.70 0.00	73.15 3.55 0.00	80.88 3.92 0.00	79.17 3.77 0.00	75.52 3.60 0.01	68.05 3.18 0.00	59.82 2.58 0.00	50.37 2.03 0.00	46.07 1.86 0.01
ROCKVIEW_13_KV_LD 356306	46.58 1.49 0.00	43.14 1.34 0.00	38.89 1.13 0.00	36.89 1.11 0.00	37.24 1.05 0.00	38.97 1.06 0.00	43.56 1.35 0.00	45.47 1.58 0.00	45.80 1.93 0.00	45.48 2.07 -0.19	45.23 1.85 -0.45	47.81 1.99 -0.70	50.73 1.78 -0.87	55.06 1.79 -0.76	58.96 1.92 -0.67	59.63 1.84 -0.43	72.69 2.37 -0.72	79.90 2.92 -0.02	77.67 2.26 0.00	73.73 1.80 0.00	66.17 1.30 0.00	58.22 0.97 0.00	49.41 1.06 0.00	45.24 1.02 0.00
ROME____115KV_TB2 80656	47.12 2.03 0.00	43.65 1.84 0.00	39.27 1.51 0.00	37.18 1.40 0.00	37.68 1.48 0.00	39.61 1.71 0.00	44.23 2.03 0.00	46.12 2.24 0.00	45.93 2.06 0.00	45.07 1.86 0.00	44.90 1.97 0.00	47.29 2.17 0.00	50.48 2.40 0.00	55.24 2.73 0.00	59.42 3.04 0.00	60.52 3.16 0.00	73.22 3.62 0.00	80.96 4.00 0.00	79.47 4.07 0.00	75.96 4.03 0.00	68.57 3.70 0.00	60.95 3.32 -0.38	51.80 2.56 -0.90	46.21 1.99 0.00
ROSETON___1 23587	45.77 0.68 0.00	42.52 0.71 0.00	38.44 0.68 0.00	36.46 0.68 0.00	36.84 0.65 0.00	38.48 0.57 0.00	42.92 0.72 0.00	44.76 0.88 0.00	44.92 1.05 0.00	44.51 1.12 -0.18	44.29 0.94 -0.42	46.76 0.99 -0.65	49.69 0.82 -0.80	53.94 0.73 -0.70	57.61 0.62 -0.62	58.45 0.69 -0.39	71.17 0.90 -0.66	78.28 1.31 -0.02	76.16 0.75 0.00	72.44 0.51 0.00	65.13 0.26 0.00	57.30 0.06 0.00	48.59 0.24 0.00	44.57 0.35 0.00
ROSETON___2 23588	45.77 0.68 0.00	42.52 0.71 0.00	38.44 0.68 0.00	36.46 0.68 0.00	36.84 0.65 0.00	38.48 0.57 0.00	42.92 0.72 0.00	44.76 0.88 0.00	44.92 1.05 0.00	44.51 1.12 -0.18	44.29 0.94 -0.42	46.76 0.99 -0.65	49.69 0.82 -0.80	53.94 0.73 -0.70	57.61 0.62 -0.62	58.45 0.69 -0.39	71.17 0.90 -0.66	78.28 1.31 -0.02	76.16 0.75 0.00	72.44 0.51 0.00	65.13 0.26 0.00	57.30 0.06 0.00	48.59 0.24 0.00	44.57 0.35 0.00
ROTTTRDAM_115KV_TB3 80664	45.95 0.86 0.00	42.56 0.75 0.00	38.51 0.76 0.00	36.53 0.75 0.00	36.99 0.80 0.00	38.67 0.76 0.00	42.96 0.76 0.00	44.68 0.79 0.00	44.57 0.70 0.00	43.77 0.69 0.13	43.21 0.60 0.31	45.27 0.63 0.49	48.00 0.53 0.60	52.51 0.53 0.52	56.41 0.51 0.47	57.59 0.52 0.29	69.80 0.70 0.50	77.79 0.85 0.01	76.38 0.98 0.00	72.94 1.01 0.00	65.91 1.04 0.00	58.11 0.86 0.00	49.02 0.68 0.00	44.88 0.66 0.00
RUSSELL___1 23602	46.81 1.71 0.00	43.35 1.55 0.00	38.66 0.91 0.00	36.43 0.64 0.00	36.84 0.65 0.00	38.89 0.99 0.00	43.30 1.10 0.00	44.94 1.05 0.00	44.62 0.75 0.00	44.03 0.82 0.00	44.47 1.55 0.00	46.75 1.62 0.00	50.29 2.21 0.00	55.19 2.68 0.00	59.30 2.93 0.00	60.64 3.27 0.00	73.85 4.25 0.00	81.57 4.62 0.00	79.85 4.45 0.00	76.17 4.24 0.01	68.63 3.76 0.00	60.34 3.09 0.00	50.76 2.42 0.00	46.38 2.17 0.01
RUSSELL___2 23532	46.81 1.71 0.00	43.35 1.55 0.00	38.66 0.91 0.00	36.43 0.64 0.00	36.84 0.65 0.00	38.89 0.99 0.00	43.30 1.10 0.00	44.94 1.05 0.00	44.62 0.75 0.00	44.03 0.82 0.00	44.47 1.55 0.00	46.75 1.62 0.00	50.29 2.21 0.00	55.19 2.68 0.00	59.30 2.93 0.00	60.64 3.27 0.00	73.85 4.25 0.00	81.57 4.62 0.00	79.85 4.45 0.00	76.17 4.24 0.01	68.63 3.76 0.00	60.34 3.09 0.00	50.76 2.42 0.00	46.38 2.17 0.01
RUSSELL___3 23549	46.81 1.71 0.00	43.35 1.55 0.00	38.66 0.91 0.00	36.43 0.64 0.00	36.84 0.65 0.00	38.89 0.99 0.00	43.30 1.10 0.00	44.94 1.05 0.00	44.62 0.75 0.00	44.03 0.82 0.00	44.47 1.55 0.00	46.75 1.62 0.00	50.29 2.21 0.00	55.19 2.68 0.00	59.30 2.93 0.00	60.64 3.27 0.00	73.85 4.25 0.00	81.57 4.62 0.00	79.85 4.45 0.00	76.17 4.24 0.01	68.63 3.76 0.00	60.34 3.09 0.00	50.76 2.42 0.00	46.38 2.17 0.01
RUSSELL___4 23556	46.81 1.71 0.00	43.35 1.55 0.00	38.66 0.91 0.00	36.43 0.64 0.00	36.84 0.65 0.00	38.89 0.99 0.00	43.30 1.10 0.00	44.94 1.05 0.00	44.62 0.75 0.00	44.03 0.82 0.00	44.47 1.55 0.00	46.75 1.62 0.00	50.29 2.21 0.00	55.19 2.68 0.00	59.30 2.93 0.00	60.64 3.27 0.00	73.85 4.25 0.00	81.57 4.62 0.00	79.85 4.45 0.00	76.17 4.24 0.01	68.63 3.76 0.00	60.34 3.09 0.00	50.76 2.42 0.00	46.38 2.17 0.01
RUSSELL___STATION 23914	46.81 1.71 0.00	43.35 1.55 0.00	38.66 0.91 0.00	36.43 0.64 0.00	36.84 0.65 0.00	38.89 0.99 0.00	43.30 1.10 0.00	44.94 1.05 0.00	44.62 0.75 0.00	44.03 0.82 0.00	44.47 1.55 0.00	46.75 1.62 0.00	50.29 2.21 0.00	55.19 2.68 0.00	59.30 2.93 0.00	60.64 3.27 0.00	73.85 4.25 0.00	81.57 4.62 0.00	79.85 4.45 0.00	76.17 4.24 0.01	68.63 3.76 0.00	60.34 3.09 0.00	50.76 2.42 0.00	46.38 2.17 0.01
S SALMON___HYD 24043	45.63 0.54 0.00	42.27 0.46 0.00	37.98 0.23 0.00	35.96 0.18 0.00	36.41 0.22 0.00	38.29 0.38 0.00	42.75 0.55 0.00	44.45 0.57 0.00	44.26 0.39 0.00	43.52 0.30 0.00	43.31 0.39 0.00	45.44 0.32 0.00	48.46 0.38 0.00	53.04 0.53 0.00	56.99 0.62 0.00	57.94 0.57 0.00	70.16 0.55 0.00	77.80 0.85 0.00	76.38 0.98 0.00	73.08 1.15 0.00	65.97 1.10 0.00	58.72 1.03 -0.44	50.20 0.82 -1.04	44.71 0.49 0.00
S.PERRY___115KV_TB1 80734	46.94 1.85 0.00	43.44 1.63 0.00	38.66 0.91 0.00	36.39 0.61 0.00	36.81 0.62 0.00	38.97 1.06 0.00	43.43 1.22 0.00	44.68 0.79 0.00	43.78 -0.09 0.00	43.00 -0.22 0.00	43.27 0.34 0.00	45.71 0.59 0.00	49.28 1.20 0.00	54.09 1.58 0.00	58.06 1.69 0.00	59.32 1.95 0.00	72.32 2.71 0.00	80.57 3.62 0.00	79.63 4.22 0.00	76.61 4.68 0.00	69.22 4.35 0.00	60.91 3.66 0.00	51.20 2.85 0.00	46.70 2.48 -0.01
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	47.35 2.25 0.00	43.94 2.13 0.00	39.04 1.28 0.00	36.53 0.75 0.00	36.92 0.72 0.00	39.08 1.18 0.00	43.22 1.01 0.00	44.32 0.44 0.00	43.83 -0.04 0.00	43.43 0.22 0.00	44.17 1.24 0.00	46.88 1.76 0.00	50.53 2.45 0.00	55.45 2.94 0.00	59.25 2.87 0.00	60.29 2.93 0.00	73.71 4.11 0.00	81.34 4.39 0.00	79.93 4.52 0.00	76.13 4.17 -0.02	68.57 3.70 0.00	60.22 2.98 0.00	50.95 2.61 0.00	47.23 2.96 -0.04

SAWYER___23_KV_LOAD 55526	47.35 2.25 0.00	43.94 2.13 0.00	39.04 1.28 0.00	36.53 0.75 0.00	36.92 0.72 0.00	39.08 1.18 0.00	43.22 1.01 0.00	44.32 0.44 0.00	43.83 -0.04 0.00	43.43 0.22 0.00	44.17 1.24 0.00	46.88 1.76 0.00	50.53 2.45 0.00	55.45 2.94 0.00	59.25 2.87 0.00	60.29 2.93 0.00	73.71 4.11 0.00	81.34 4.39 0.00	79.93 4.52 0.00	76.13 4.17 -0.02	68.57 3.70 0.00	60.22 2.98 0.00	50.95 2.61 0.00	47.23 2.96 -0.04
SELKIRK___I 23801	43.71 -0.90 0.48	41.05 -0.75 0.00	37.19 -0.57 0.00	35.35 -0.43 0.00	35.76 -0.43 0.00	37.30 -0.61 0.00	41.40 -0.80 0.00	42.82 -0.88 0.19	42.83 -0.83 0.21	42.12 -0.99 0.10	41.58 -1.12 0.23	43.60 -1.17 0.35	45.61 -1.44 1.02	48.67 -1.68 2.16	51.31 -1.92 3.14	52.15 -1.89 3.33	60.64 -2.23 6.73	66.14 -2.31 8.51	65.16 -2.19 8.06	69.83 -2.09 0.02	63.10 -1.75 0.02	55.69 -1.54 0.02	46.31 -1.30 0.73	43.07 -1.15 0.00
SELKIRK___II 23799	42.68 -0.68 1.74	41.31 -0.50 0.00	37.42 -0.34 0.00	35.57 -0.21 0.00	35.94 -0.25 0.00	37.53 -0.38 0.00	41.70 -0.50 0.00	42.68 -0.52 0.68	42.68 -0.44 0.75	42.58 -0.52 0.11	42.06 -0.60 0.27	44.08 -0.63 0.42	44.63 -0.82 2.63	44.63 -1.00 6.88	44.63 -1.19 10.56	44.63 -1.21 11.53	44.63 -1.46 23.51	44.63 -1.54 30.79	44.63 -1.59 29.19	70.29 -1.58 0.06	63.44 -1.37 0.06	55.92 -1.26 0.06	44.63 -1.06 2.65	43.38 -0.84 0.00
SENECA OSWGO___HYD 24041	44.64 -0.45 0.00	41.35 -0.46 0.00	37.19 -0.57 0.00	35.21 -0.57 0.00	35.61 -0.58 0.00	37.38 -0.53 0.00	41.74 -0.46 0.00	43.45 -0.44 0.00	43.35 -0.52 0.00	42.74 -0.47 0.00	42.58 -0.34 0.00	44.76 -0.36 0.00	47.74 -0.33 0.00	52.30 -0.21 0.00	56.20 -0.17 0.00	57.20 -0.17 0.00	69.40 -0.21 0.00	76.88 -0.08 0.00	75.25 -0.15 0.00	71.79 -0.14 0.00	64.68 -0.19 0.00	57.02 -0.23 0.00	48.18 -0.29 -0.12	43.82 -0.40 0.00
SENECA___115KV_TB3 355854	48.02 2.93 0.00	44.52 2.72 0.00	39.57 1.81 0.00	37.04 1.25 0.00	37.39 1.19 0.00	39.61 1.71 0.00	43.85 1.65 0.00	45.03 1.14 0.00	44.53 0.66 0.00	44.16 0.95 0.00	44.94 2.02 0.00	47.74 2.62 0.00	51.49 3.41 0.00	56.56 4.04 0.00	60.43 4.06 0.00	61.50 4.13 0.00	75.17 5.57 0.00	82.88 5.93 0.00	81.51 6.11 0.00	77.64 5.68 -0.02	69.80 4.93 0.00	61.31 4.06 0.00	51.82 3.48 0.00	47.93 3.67 -0.04
SENECA___ENERGY 23797	45.90 0.81 0.00	42.43 0.63 0.00	37.98 0.23 0.00	35.85 0.07 0.00	36.27 0.07 0.00	38.25 0.34 0.00	42.71 0.51 0.00	44.41 0.53 0.00	44.22 0.35 0.00	43.64 0.43 0.00	43.66 0.73 0.00	45.98 0.86 0.00	49.18 1.11 0.00	53.98 1.47 0.00	58.06 1.69 0.00	59.03 1.66 0.00	71.76 2.16 0.00	79.65 2.69 0.00	77.97 2.57 0.00	74.45 2.52 0.00	66.95 2.08 0.00	58.96 1.72 0.00	49.65 1.31 0.00	45.42 1.19 0.00
SHOEMAKER___GT 23640	45.81 0.72 0.00	42.56 0.75 0.00	38.40 0.64 0.00	36.43 0.64 0.00	36.81 0.61 0.00	38.48 0.57 0.00	42.92 0.72 0.00	44.72 0.83 0.00	44.83 0.96 0.00	44.37 0.99 -0.16	44.16 0.86 -0.38	46.61 0.90 -0.59	49.62 0.82 -0.72	53.98 0.84 -0.63	57.78 0.85 -0.56	58.64 0.92 -0.36	71.38 1.18 -0.60	78.66 1.69 -0.02	76.68 1.28 0.00	72.94 1.01 0.00	65.65 0.78 0.00	57.70 0.46 0.00	48.83 0.48 0.00	44.71 0.49 0.00
SHOEMAKR_138KV_BK 111 55601	45.90 0.81 0.00	42.52 0.71 0.00	38.40 0.64 0.00	36.43 0.64 0.00	36.77 0.58 0.00	38.48 0.57 0.00	42.92 0.72 0.00	44.72 0.83 0.00	44.84 0.97 0.00	44.41 1.04 -0.16	44.20 0.90 -0.37	46.65 0.95 -0.58	49.61 0.82 -0.72	53.98 0.84 -0.62	57.83 0.90 -0.56	58.58 0.86 -0.35	71.38 1.18 -0.59	78.51 1.54 -0.02	76.61 1.21 0.00	72.87 0.94 0.00	65.58 0.71 0.00	57.65 0.40 0.00	48.83 0.48 0.00	44.71 0.49 0.00
SHOREHAM_IC_1 23715	44.10 -0.99 0.00	42.56 0.75 0.00	38.36 0.60 0.00	36.39 0.61 0.00	36.63 0.44 0.00	38.32 0.42 0.00	42.75 0.55 0.00	44.02 0.13 0.00	44.26 0.39 0.00	44.27 0.86 -0.19	43.55 0.43 -0.19	46.11 0.50 -0.49	45.02 0.19 3.25	45.87 0.00 6.65	47.39 -0.06 8.92	57.78 0.00 -0.41	70.38 0.07 -0.70	61.02 0.46 16.40	53.77 -0.23 21.41	44.93 -0.65 26.36	43.94 -1.10 19.82	43.33 -1.20 12.71	42.76 -0.92 4.67	41.87 -0.93 1.43
SHOREHAM_IC_2 23716	45.54 0.45 0.00	42.81 1.00 0.00	38.36 0.60 0.00	36.39 0.61 0.00	36.63 0.43 0.00	38.36 0.45 0.00	42.80 0.59 0.00	44.19 0.31 0.00	44.66 0.79 0.00	44.61 1.21 -0.19	43.59 0.47 -0.19	46.15 0.54 -0.49	45.02 0.19 3.25	45.87 0.00 6.65	47.45 0.00 8.92	57.72 -0.06 -0.41	70.38 0.07 -0.70	60.86 0.31 16.40	53.77 -0.23 21.41	44.86 -0.72 26.36	44.01 -1.04 19.82	43.39 -1.14 12.71	42.86 -0.82 4.67	41.96 -0.84 1.43
SISSONVILLE____ 23735	46.26 1.17 0.00	43.06 1.25 0.00	38.93 1.17 0.00	36.89 1.11 0.00	37.35 1.16 0.00	39.12 1.21 0.00	43.56 1.35 0.00	45.16 1.27 0.00	45.06 1.18 0.00	44.25 1.04 0.00	43.78 0.86 0.00	45.89 0.77 0.00	49.13 1.06 0.00	53.67 1.16 0.00	57.67 1.30 0.00	58.80 1.43 0.00	70.51 0.90 0.00	78.34 1.39 0.00	76.08 0.68 0.00	72.94 1.01 0.00	65.71 0.84 -5.89	65.08 1.95 -13.78	64.05 1.93 0.00	45.81 1.59 0.00
SITHE_IND_GS1 24169	43.97 -1.13 0.00	40.72 -1.09 0.00	36.66 -1.10 0.00	34.71 -1.07 0.00	35.11 -1.08 0.00	36.85 -1.06 0.00	41.07 -1.14 0.00	42.70 -1.18 0.00	42.64 -1.23 0.00	42.05 -1.16 0.00	41.90 -1.03 0.00	44.04 -1.08 0.00	46.97 -1.10 0.00	51.41 -1.11 0.00	55.24 -1.13 0.00	56.22 -1.15 0.00	68.21 -1.39 0.00	75.57 -1.38 0.00	73.97 -1.43 0.00	70.57 -1.37 0.00	63.57 -1.30 0.00	56.04 -1.20 0.00	47.28 -1.06 0.00	43.16 -1.06 0.00
SITHE_IND_GS2 24170	43.97 -1.13 0.00	40.72 -1.09 0.00	36.66 -1.10 0.00	34.71 -1.07 0.00	35.11 -1.08 0.00	36.85 -1.06 0.00	41.07 -1.14 0.00	42.70 -1.18 0.00	42.64 -1.23 0.00	42.05 -1.16 0.00	41.90 -1.03 0.00	44.04 -1.08 0.00	46.97 -1.10 0.00	51.41 -1.11 0.00	55.24 -1.13 0.00	56.22 -1.15 0.00	68.21 -1.39 0.00	75.57 -1.38 0.00	73.97 -1.43 0.00	70.57 -1.37 0.00	63.57 -1.30 0.00	56.04 -1.20 0.00	47.28 -1.06 0.00	43.16 -1.06 0.00
SITHE_IND_GS3 24171	43.97 -1.13 0.00	40.72 -1.09 0.00	36.66 -1.10 0.00	34.71 -1.07 0.00	35.11 -1.08 0.00	36.85 -1.06 0.00	41.07 -1.14 0.00	42.70 -1.18 0.00	42.64 -1.23 0.00	42.05 -1.16 0.00	41.90 -1.03 0.00	44.04 -1.08 0.00	46.97 -1.10 0.00	51.41 -1.11 0.00	55.24 -1.13 0.00	56.22 -1.15 0.00	68.21 -1.39 0.00	75.57 -1.38 0.00	73.97 -1.43 0.00	70.57 -1.37 0.00	63.57 -1.30 0.00	56.04 -1.20 0.00	47.28 -1.06 0.00	43.16 -1.06 0.00
SITHE_IND_GS4 24172	43.97 -1.13 0.00	40.72 -1.09 0.00	36.66 -1.10 0.00	34.71 -1.07 0.00	35.11 -1.08 0.00	36.85 -1.06 0.00	41.07 -1.14 0.00	42.70 -1.18 0.00	42.64 -1.23 0.00	42.05 -1.16 0.00	41.90 -1.03 0.00	44.04 -1.08 0.00	46.97 -1.10 0.00	51.41 -1.11 0.00	55.24 -1.13 0.00	56.22 -1.15 0.00	68.21 -1.39 0.00	75.57 -1.38 0.00	73.97 -1.43 0.00	70.57 -1.37 0.00	63.57 -1.30 0.00	56.04 -1.20 0.00	47.28 -1.06 0.00	43.16 -1.06 0.00

SITHE___BATAVIA 24024	48.65 3.56 0.00	44.94 3.14 0.00	39.79 2.04 0.00	37.46 1.68 0.00	37.82 1.63 0.00	40.30 2.39 0.00	44.48 2.28 0.00	45.99 2.11 0.00	45.36 1.49 0.00	45.03 1.81 0.00	45.55 2.62 0.00	47.97 2.84 0.00	51.63 3.56 0.00	56.66 4.15 0.00	61.11 4.74 0.00	62.13 4.76 0.00	75.94 6.33 0.00	84.19 7.23 0.00	82.64 7.24 0.00	79.11 6.98 -0.20	71.16 6.29 0.00	62.63 5.38 0.00	52.99 4.64 0.00	48.43 3.98 -0.22
SITHE___INDEPEND 23800	43.92 -1.17 0.00	40.72 -1.09 0.00	36.66 -1.09 0.00	34.71 -1.07 0.00	35.11 -1.09 0.00	36.85 -1.06 0.00	41.07 -1.14 0.00	42.70 -1.18 0.00	42.64 -1.23 0.00	42.00 -1.21 0.00	41.85 -1.07 0.00	43.99 -1.13 0.00	46.97 -1.11 0.00	51.41 -1.10 0.00	55.19 -1.18 0.00	56.16 -1.20 0.00	68.21 -1.39 0.00	75.42 -1.54 0.00	73.97 -1.43 0.00	70.57 -1.37 0.00	63.57 -1.30 0.00	56.05 -1.20 0.00	47.23 -1.11 0.00	43.16 -1.06 0.00
SITHE___MASSENA 23902	45.90 0.81 0.00	42.60 0.79 0.00	38.55 0.79 0.00	36.54 0.75 0.00	36.99 0.80 0.00	38.66 0.76 0.00	43.05 0.84 0.00	44.63 0.75 0.00	44.62 0.75 0.00	43.86 0.65 0.00	43.48 0.56 0.00	45.57 0.45 0.00	48.75 0.67 0.00	53.25 0.73 0.00	57.22 0.85 0.00	58.17 0.80 0.00	70.30 0.70 0.00	77.73 0.77 0.00	76.08 0.68 0.00	72.80 0.87 0.00	65.97 1.10 0.00	66.82 1.32 -8.25	62.08 1.25 -12.48	45.37 1.15 0.00
SITHE___OGDNSBRG 24021	46.85 1.76 0.00	43.56 1.76 0.00	39.38 1.62 0.00	37.32 1.54 0.00	37.82 1.63 0.00	39.61 1.71 0.00	44.06 1.86 0.00	45.51 1.62 0.00	45.27 1.40 0.00	44.38 1.17 0.00	43.87 0.94 0.00	45.98 0.86 0.00	49.18 1.11 0.00	53.72 1.21 0.00	57.78 1.41 0.00	58.92 1.55 0.00	70.86 1.25 0.00	78.88 1.92 0.00	77.21 1.81 0.00	74.17 2.23 0.00	67.27 2.40 0.00	66.86 2.81 -6.81	66.02 2.51 -15.16	46.30 2.08 0.00
SITHE___STERLING 23777	46.53 1.44 0.00	43.14 1.34 0.00	38.78 1.02 0.00	36.71 0.93 0.00	37.20 1.01 0.00	39.08 1.18 0.00	43.64 1.44 0.00	45.42 1.54 0.00	45.27 1.40 0.00	44.51 1.30 0.00	44.34 1.41 0.00	46.70 1.58 0.00	49.81 1.73 0.00	54.51 1.99 0.00	58.63 2.26 0.00	59.72 2.35 0.00	72.39 2.79 0.00	80.11 3.16 0.00	78.50 3.09 0.00	75.03 3.09 0.00	67.66 2.79 0.00	59.96 2.46 -0.26	50.88 1.94 -0.60	45.73 1.50 0.00
SLEIGHT__34_KV_TB1 80719	45.86 0.77 0.00	42.43 0.63 0.00	37.98 0.23 0.00	35.82 0.04 0.00	36.27 0.07 0.00	38.21 0.30 0.00	42.67 0.46 0.00	44.37 0.48 0.00	44.09 0.22 0.00	43.47 0.26 0.00	43.74 0.82 0.00	45.98 0.86 0.00	49.33 1.25 0.00	54.14 1.63 0.00	58.18 1.80 0.00	59.38 2.01 0.00	72.18 2.58 0.00	79.88 2.92 0.00	78.19 2.79 0.00	74.60 2.66 0.00	67.21 2.34 0.00	59.08 1.83 0.00	49.70 1.35 0.00	45.37 1.15 0.01
SMITHTWN_69_KV_BK 1 55830	46.17 1.08 0.00	43.39 1.59 0.00	38.89 1.13 0.00	36.86 1.07 0.00	37.13 0.94 0.00	38.89 0.99 0.00	43.39 1.18 0.00	44.76 0.88 0.00	45.23 1.36 0.00	45.18 1.77 -0.19	44.11 0.99 -0.19	46.78 1.17 -0.49	45.76 0.91 3.23	46.69 0.79 6.61	48.34 0.85 8.87	58.58 0.80 -0.41	71.35 1.04 -0.70	62.02 1.39 16.32	55.01 0.90 21.30	46.00 0.29 26.23	45.08 -0.06 19.72	44.31 -0.29 12.65	43.51 -0.19 4.64	42.58 -0.22 1.42
SOUTH CAIRO___GT 23612	45.70 1.22 0.61	42.60 0.79 0.00	38.51 0.76 0.00	36.61 0.82 0.00	37.03 0.83 0.00	38.63 0.72 0.00	42.96 0.76 0.00	44.74 1.10 0.24	44.44 0.83 0.26	43.66 0.52 0.07	43.07 0.30 0.16	45.15 0.27 0.25	47.22 0.19 1.05	50.35 0.37 2.53	53.02 0.45 3.81	53.71 0.46 4.11	62.14 0.90 8.37	67.52 1.39 10.83	67.18 2.04 10.26	73.93 2.01 0.02	66.66 1.82 0.02	59.00 1.77 0.02	48.62 1.21 0.93	44.93 0.71 0.00
SOUTH HAMPTN___IC 23720	44.96 -0.13 0.00	43.35 1.55 0.00	39.04 1.28 0.00	37.00 1.22 0.00	37.24 1.05 0.00	38.97 1.06 0.00	43.47 1.26 0.00	44.76 0.88 0.00	45.10 1.23 0.00	45.13 1.73 -0.19	44.53 1.41 -0.19	47.23 1.62 -0.49	46.22 1.40 3.26	47.11 1.26 6.66	48.67 1.24 8.94	59.10 1.32 -0.41	71.91 1.60 -0.70	62.68 2.15 16.43	55.32 1.36 21.44	46.33 0.79 26.40	45.02 0.00 19.85	44.34 -0.17 12.73	43.58 -0.10 4.67	42.62 -0.18 1.43
SOUTHDOWN_115KV_TB1 355954	47.71 2.62 0.00	44.15 2.34 0.00	39.27 1.51 0.00	36.71 0.93 0.00	37.10 0.90 0.00	39.46 1.55 0.00	43.98 1.77 0.00	45.33 1.45 0.00	44.97 1.10 0.00	44.64 1.43 0.00	45.37 2.45 0.00	48.15 3.02 0.00	52.12 4.04 0.00	57.40 4.88 0.00	61.28 4.90 0.00	62.36 4.99 0.00	76.15 6.54 0.00	83.58 6.62 0.00	82.26 6.86 -0.02	78.36 6.40 0.00	70.32 5.45 0.00	61.71 4.47 0.00	51.97 3.63 0.00	48.11 3.85 -0.04
SOUTHOLD_69_KV_BK 2 55809	47.30 2.21 0.00	44.40 2.59 0.00	39.72 1.96 0.00	37.68 1.90 0.00	37.89 1.70 0.00	39.65 1.74 0.00	44.15 1.94 0.00	45.69 1.80 0.00	46.33 2.46 0.00	46.34 2.94 -0.19	45.56 2.45 -0.19	48.36 2.75 -0.49	47.42 2.60 3.26	48.27 2.42 6.66	49.92 2.48 8.94	60.19 2.41 -0.41	73.37 3.06 -0.70	64.00 3.46 16.42	56.75 2.79 21.44	47.63 2.09 26.40	46.12 1.10 19.85	45.32 0.80 12.73	44.45 0.77 4.67	43.50 0.71 1.43
SOUTHOLD___IC 23719	45.86 0.77 0.00	44.15 2.34 0.00	39.72 1.96 0.00	37.68 1.90 0.00	37.89 1.70 0.00	39.65 1.74 0.00	44.11 1.90 0.00	45.51 1.62 0.00	45.89 2.02 0.00	46.00 2.59 -0.19	45.52 2.40 -0.19	48.32 2.71 -0.49	47.42 2.59 3.26	48.27 2.42 6.66	49.86 2.42 8.94	60.24 2.47 -0.41	73.30 2.99 -0.70	64.23 3.69 16.42	56.76 2.79 21.44	47.70 2.16 26.40	45.99 0.97 19.85	45.26 0.74 12.73	44.35 0.68 4.67	43.41 0.62 1.43
SOUTH_FORK_WT_PWR 323839	45.95 0.85 0.00	44.23 2.42 0.00	39.79 2.04 0.00	37.71 1.93 0.00	37.93 1.74 0.00	39.69 1.78 0.00	44.11 1.90 0.00	45.51 1.62 0.00	45.93 2.06 0.00	46.00 2.59 -0.19	45.56 2.45 -0.19	48.41 2.80 -0.49	47.46 2.64 3.26	48.22 2.37 6.66	49.69 2.26 8.94	60.08 2.30 -0.41	73.09 2.79 -0.70	63.91 3.38 16.42	56.53 2.57 21.44	47.55 2.01 26.40	45.73 0.71 19.85	45.03 0.51 12.73	44.25 0.58 4.67	43.41 0.62 1.43
SPIERFLS_115KV_TB 1 80737	46.67 1.58 0.00	43.23 1.42 0.00	39.12 1.36 0.00	37.07 1.29 0.00	37.57 1.38 0.00	39.31 1.40 0.00	43.68 1.48 0.00	45.42 1.54 0.00	45.19 1.32 0.00	44.30 1.25 0.17	43.43 0.90 0.40	45.50 0.99 0.62	48.18 0.87 0.77	52.69 0.84 0.67	56.40 0.62 0.59	57.85 0.86 0.38	70.08 1.11 0.63	78.25 1.31 0.02	77.14 1.73 0.00	74.38 2.45 0.00	67.40 2.53 0.00	59.48 2.23 0.00	49.94 1.60 0.00	45.59 1.37 0.00
ST LAWRENCE____ 23600	45.23 0.14 0.00	41.97 0.17 0.00	37.95 0.19 0.00	35.96 0.18 0.00	36.41 0.22 0.00	38.10 0.19 0.00	42.42 0.21 0.00	44.02 0.13 0.00	44.00 0.13 0.00	43.30 0.09 0.00	42.93 0.00 0.00	45.03 -0.09 0.00	48.08 0.00 0.00	52.51 0.00 0.00	56.37 0.00 0.00	57.37 0.00 0.00	69.46 -0.14 0.00	76.65 -0.31 0.00	75.25 -0.15 0.00	71.94 0.00 0.00	64.93 0.06 0.00	56.96 0.23 0.52	47.58 0.29 1.05	44.53 0.31 0.00

STATE_CA_115KV_115_LB 55624	45.05 -0.05 0.00	41.76 -0.04 0.00	37.79 0.04 0.00	35.89 0.11 0.00	36.30 0.11 0.00	37.91 0.00 0.00	42.16 -0.04 0.00	43.89 0.00 0.00	43.96 0.09 0.00	43.10 0.04 0.16	42.51 -0.04 0.38	44.54 0.00 0.58	47.17 -0.19 0.72	51.62 -0.26 0.63	55.36 -0.45 0.56	56.56 -0.46 0.35	68.45 -0.56 0.59	76.32 -0.62 0.02	74.88 -0.53 0.00	71.36 -0.58 0.00	64.42 -0.45 0.00	56.85 -0.40 0.00	47.96 -0.39 0.00	44.00 -0.22 0.00
STATE_ST_34_KV_LOAD 55959	45.72 0.63 0.00	42.31 0.50 0.00	37.98 0.23 0.00	35.89 0.11 0.00	36.30 0.11 0.00	38.17 0.27 0.00	42.67 0.46 0.00	44.41 0.53 0.00	44.22 0.35 0.00	43.56 0.35 0.00	43.53 0.60 0.00	45.80 0.68 0.00	49.04 0.96 0.00	53.77 1.26 0.00	57.78 1.41 0.00	58.86 1.49 0.00	71.48 1.88 0.00	79.19 2.23 0.00	77.67 2.26 0.00	74.17 2.23 0.00	66.82 1.95 0.00	58.79 1.55 0.00	49.46 1.11 0.00	45.11 0.88 0.00
STATION_5_MISC_HYD 23604	46.63 1.53 0.00	43.14 1.34 0.00	38.47 0.72 0.00	36.25 0.46 0.00	36.66 0.47 0.00	38.78 0.87 0.00	43.05 0.84 0.00	44.68 0.79 0.00	44.35 0.48 0.00	43.95 0.73 0.00	44.26 1.33 0.00	46.52 1.40 0.00	49.90 1.83 0.00	54.77 2.26 0.00	59.02 2.65 0.00	60.12 2.75 0.00	73.15 3.55 0.00	81.03 4.08 0.00	79.17 3.77 0.00	75.52 3.60 0.01	68.05 3.18 0.00	59.94 2.69 0.00	50.62 2.27 0.00	45.93 1.72 0.01
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	46.13 1.04 0.00	42.68 0.88 0.00	38.17 0.42 0.00	36.00 0.21 0.00	36.45 0.25 0.00	38.40 0.49 0.00	42.88 0.68 0.00	44.54 0.66 0.00	44.27 0.39 0.00	43.64 0.43 0.00	43.87 0.94 0.00	46.12 0.99 0.00	49.52 1.44 0.00	54.35 1.84 0.00	58.34 1.97 0.00	59.61 2.24 0.00	72.53 2.92 0.00	80.27 3.31 0.00	78.65 3.24 0.00	75.03 3.09 0.00	67.53 2.66 0.00	59.37 2.12 0.00	49.94 1.60 0.00	45.59 1.37 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	46.17 1.08 0.00	42.77 0.96 0.00	38.17 0.42 0.00	36.00 0.21 0.00	36.41 0.22 0.00	38.40 0.49 0.00	42.75 0.55 0.00	44.41 0.53 0.00	44.09 0.22 0.00	43.51 0.30 0.00	43.91 0.99 0.00	46.16 1.04 0.00	49.62 1.54 0.00	54.40 1.89 0.00	58.46 2.09 0.00	59.72 2.35 0.00	72.74 3.13 0.00	80.42 3.46 0.00	78.72 3.32 0.00	75.09 3.17 0.01	67.59 2.72 0.00	59.42 2.18 0.00	50.04 1.69 0.00	45.67 1.46 0.01
STA_56___34_KV_BUS2 355983	46.17 1.08 0.00	42.77 0.96 0.00	38.17 0.42 0.00	36.00 0.21 0.00	36.41 0.22 0.00	38.40 0.49 0.00	42.75 0.55 0.00	44.41 0.53 0.00	44.09 0.22 0.00	43.51 0.30 0.00	43.91 0.99 0.00	46.16 1.04 0.00	49.62 1.54 0.00	54.40 1.89 0.00	58.46 2.09 0.00	59.72 2.35 0.00	72.74 3.13 0.00	80.42 3.46 0.00	78.72 3.32 0.00	75.09 3.17 0.01	67.59 2.72 0.00	59.42 2.18 0.00	50.04 1.69 0.00	45.67 1.46 0.01
STA_67___115KV_BK2 355882	46.40 1.31 0.00	42.98 1.17 0.00	38.36 0.60 0.00	36.18 0.39 0.00	36.59 0.40 0.00	38.59 0.68 0.00	42.92 0.72 0.00	44.54 0.66 0.00	44.22 0.35 0.00	43.64 0.43 0.00	44.00 1.07 0.00	46.30 1.17 0.00	49.76 1.68 0.00	54.56 2.05 0.00	58.57 2.20 0.00	59.83 2.47 0.00	72.87 3.27 0.00	80.57 3.62 0.00	78.95 3.54 0.00	75.31 3.38 0.01	67.79 2.92 0.00	59.59 2.35 0.00	50.23 1.89 0.00	45.89 1.68 0.01
STA_7___115KV_9TRANS 80674	46.81 1.71 0.00	43.35 1.55 0.00	38.66 0.91 0.00	36.43 0.64 0.00	36.84 0.65 0.00	38.89 0.99 0.00	43.30 1.10 0.00	44.94 1.05 0.00	44.62 0.75 0.00	44.03 0.82 0.00	44.47 1.55 0.00	46.75 1.62 0.00	50.29 2.21 0.00	55.19 2.68 0.00	59.30 2.93 0.00	60.64 3.27 0.00	73.85 4.25 0.00	81.57 4.62 0.00	79.85 4.45 0.00	76.17 4.24 0.01	68.63 3.76 0.00	60.34 3.09 0.00	50.76 2.42 0.00	46.38 2.17 0.01
STA_82___115KV_TB1 80780	46.40 1.31 0.00	43.02 1.21 0.00	38.36 0.60 0.00	36.18 0.39 0.00	36.59 0.40 0.00	38.59 0.68 0.00	42.96 0.76 0.00	44.54 0.66 0.00	44.22 0.35 0.00	43.64 0.43 0.00	44.00 1.07 0.00	46.30 1.17 0.00	49.76 1.68 0.00	54.56 2.05 0.00	58.57 2.20 0.00	59.83 2.47 0.00	72.94 3.34 0.00	80.57 3.62 0.00	78.95 3.54 0.00	75.31 3.38 0.01	67.85 2.98 0.00	59.65 2.40 0.00	50.23 1.89 0.00	45.93 1.72 0.01
STEEL___WIND 323596	48.20 3.11 0.00	44.56 2.76 0.00	39.53 1.77 0.00	37.03 1.25 0.00	37.35 1.16 0.00	39.76 1.86 0.00	43.81 1.60 0.00	44.98 1.10 0.00	44.53 0.66 0.00	44.51 1.30 0.00	45.03 2.10 0.00	47.78 2.66 0.00	51.39 3.31 0.00	56.45 3.94 0.00	60.48 4.11 0.00	61.38 4.01 0.00	75.04 5.43 0.00	82.88 5.93 0.00	81.36 5.96 0.00	77.50 5.54 -0.02	69.74 4.87 0.00	61.48 4.24 0.00	52.21 3.87 0.00	47.98 3.72 -0.04
STEPHTWN_115KV_BK_2 55603	45.18 0.09 0.00	41.85 0.04 0.00	37.83 0.08 0.00	35.93 0.14 0.00	36.34 0.14 0.00	38.02 0.11 0.00	42.29 0.08 0.00	44.02 0.13 0.00	44.05 0.18 0.00	43.19 0.13 0.15	42.60 0.04 0.36	44.65 0.09 0.57	47.28 -0.10 0.70	51.69 -0.21 0.61	55.44 -0.39 0.54	56.68 -0.34 0.34	68.68 -0.35 0.58	76.56 -0.38 0.02	75.18 -0.23 0.00	71.65 -0.29 0.00	64.68 -0.19 0.00	57.02 -0.23 0.00	48.10 -0.24 0.00	44.13 -0.09 0.00
STEUBEN_REC_LFGE 323667	47.44 2.34 0.00	43.90 2.09 0.00	39.15 1.40 0.00	36.71 0.93 0.00	37.13 0.94 0.00	39.31 1.40 0.00	43.94 1.73 0.00	45.20 1.32 0.00	44.57 0.70 0.00	43.90 0.69 0.00	44.30 1.37 0.00	46.84 1.71 0.00	50.53 2.45 0.00	55.66 3.15 0.00	59.64 3.27 0.00	60.70 3.33 0.00	73.99 4.39 0.00	82.04 5.08 0.00	80.76 5.35 0.00	77.27 5.32 -0.01	69.48 4.61 0.00	60.97 3.72 0.00	51.24 2.90 0.00	47.11 2.87 -0.01
STILLWATER___SOLAR 323814	46.67 1.58 0.00	43.27 1.46 0.00	39.11 1.36 0.00	37.07 1.29 0.00	37.57 1.37 0.00	39.27 1.36 0.00	43.64 1.44 0.00	45.38 1.49 0.00	45.23 1.36 0.00	44.19 1.17 0.19	43.51 1.03 0.44	45.52 1.08 0.69	48.24 1.01 0.85	52.82 1.05 0.74	56.67 0.96 0.66	58.10 1.15 0.42	70.37 1.46 0.70	78.86 1.92 0.02	77.44 2.04 0.00	74.17 2.23 0.00	67.08 2.21 0.00	59.13 1.89 0.00	49.75 1.40 0.00	45.50 1.28 0.00
STONY___BROOK 24151	44.68 -0.41 0.00	43.10 1.30 0.00	38.85 1.10 0.00	36.86 1.07 0.00	37.13 0.94 0.00	38.82 0.91 0.00	43.34 1.14 0.00	44.59 0.70 0.00	44.79 0.92 0.00	44.74 1.34 -0.19	44.02 0.90 -0.19	46.69 1.08 -0.49	45.71 0.87 3.24	46.57 0.68 6.62	48.16 0.68 8.89	58.52 0.74 -0.41	70.93 0.63 -0.70	61.76 1.16 16.35	54.81 0.75 21.34	45.95 0.29 26.28	44.91 -0.19 19.76	44.17 -0.40 12.68	43.40 -0.29 4.65	42.45 -0.36 1.42
STURGEON_POOL_HYD 23609	46.17 1.22 0.13	42.77 0.96 0.00	38.66 0.91 0.00	36.71 0.93 0.00	37.06 0.87 0.00	38.70 0.80 0.00	43.13 0.93 0.00	45.11 1.27 0.05	45.30 1.49 0.06	44.86 1.56 -0.09	44.48 1.33 -0.22	46.91 1.44 -0.35	49.64 1.30 -0.26	53.70 1.31 0.13	57.38 1.47 0.46	58.08 1.38 0.67	69.97 1.81 1.44	76.81 2.23 2.38	74.95 1.81 2.27	73.37 1.44 0.00	65.84 0.97 0.00	58.04 0.80 0.00	48.96 0.82 0.21	44.88 0.66 0.00

ST_LAW_115_BK7_LBMP 345037	45.27 0.18 0.00	42.02 0.21 0.00	37.98 0.23 0.00	36.00 0.22 0.00	36.45 0.26 0.00	38.14 0.23 0.00	42.46 0.25 0.00	44.06 0.18 0.00	44.05 0.18 0.00	43.34 0.13 0.00	42.97 0.04 0.00	45.03 -0.09 0.00	48.12 0.05 0.00	52.51 0.00 0.00	56.43 0.06 0.00	57.37 0.00 0.00	69.46 -0.14 0.00	76.65 -0.31 0.00	75.25 -0.15 0.00	71.94 0.00 0.00	64.93 0.06 0.00	56.85 0.29 0.69	47.39 0.38 1.34	44.62 0.40 0.00
ST_LAW_115_BK8_LBMP 345038	45.27 0.18 0.00	42.02 0.21 0.00	37.98 0.23 0.00	36.00 0.22 0.00	36.45 0.26 0.00	38.14 0.23 0.00	42.46 0.25 0.00	44.06 0.18 0.00	44.05 0.18 0.00	43.34 0.13 0.00	42.97 0.04 0.00	45.03 -0.09 0.00	48.12 0.05 0.00	52.51 0.00 0.00	56.43 0.06 0.00	57.37 0.00 0.00	69.46 -0.14 0.00	76.65 -0.31 0.00	75.25 -0.15 0.00	71.94 0.00 0.00	64.93 0.06 0.00	56.85 0.29 0.69	47.39 0.38 1.34	44.62 0.40 0.00
ST_LAW_230_BK5_LBMP 345035	45.23 0.14 0.00	41.97 0.17 0.00	37.95 0.19 0.00	35.96 0.18 0.00	36.41 0.22 0.00	38.10 0.19 0.00	42.42 0.21 0.00	44.02 0.13 0.00	44.00 0.13 0.00	43.30 0.09 0.00	42.93 0.00 0.00	45.03 -0.09 0.00	48.08 0.00 0.00	52.51 0.00 0.00	56.37 0.00 0.00	57.37 0.00 0.00	69.46 -0.14 0.00	76.65 -0.31 0.00	75.25 -0.15 0.00	71.94 0.00 0.00	64.93 0.06 0.00	57.12 0.23 0.36	47.80 0.29 0.84	44.53 0.31 0.00
ST_LAW_230_BK6_LBMP 345036	45.23 0.14 0.00	41.97 0.17 0.00	37.95 0.19 0.00	35.96 0.18 0.00	36.41 0.22 0.00	38.10 0.19 0.00	42.42 0.21 0.00	44.02 0.13 0.00	44.00 0.13 0.00	43.30 0.09 0.00	42.93 0.00 0.00	45.03 -0.09 0.00	48.08 0.00 0.00	52.51 0.00 0.00	56.37 0.00 0.00	57.37 0.00 0.00	69.46 -0.14 0.00	76.65 -0.31 0.00	75.25 -0.15 0.00	71.94 0.00 0.00	64.93 0.06 0.00	57.12 0.23 0.36	47.80 0.29 0.84	44.53 0.31 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	45.99 0.90 0.00	42.64 0.84 0.00	38.47 0.72 0.00	36.50 0.72 0.00	36.84 0.65 0.00	38.55 0.64 0.00	43.01 0.80 0.00	44.85 0.97 0.00	45.06 1.18 0.00	44.63 1.25 -0.17	44.39 1.07 -0.39	46.91 1.17 -0.61	49.84 1.01 -0.75	54.22 1.05 -0.66	58.03 1.07 -0.58	58.83 1.09 -0.37	71.62 1.39 -0.62	78.74 1.77 -0.02	76.76 1.36 0.00	72.94 1.01 0.00	65.58 0.71 0.00	57.71 0.46 0.00	48.88 0.53 0.00	44.75 0.53 0.00
SWANROAD_115KV_TB1 355699	46.53 1.44 0.00	43.19 1.38 0.00	38.40 0.64 0.00	35.93 0.14 0.00	36.27 0.07 0.00	38.44 0.53 0.00	42.46 0.25 0.00	43.49 -0.39 0.00	42.95 -0.92 0.00	42.52 -0.69 0.00	43.27 0.34 0.00	45.94 0.81 0.00	49.47 1.39 0.00	54.25 1.73 0.00	57.95 1.58 0.00	58.92 1.55 0.00	72.11 2.51 0.00	79.57 2.62 0.00	78.19 2.79 0.00	74.49 2.52 -0.03	67.14 2.27 0.00	59.02 1.77 0.00	49.99 1.64 0.00	46.40 2.12 -0.05
SYNERGY___BIOGAS 323694	48.43 3.34 0.00	44.86 3.05 0.00	39.79 2.04 0.00	37.39 1.61 0.00	37.82 1.63 0.00	40.07 2.16 0.00	44.48 2.28 0.00	45.95 2.06 0.00	45.32 1.45 0.00	44.68 1.47 0.00	45.37 2.45 0.00	47.88 2.75 0.00	51.59 3.51 0.00	56.66 4.15 0.00	60.77 4.40 0.00	62.07 4.70 0.00	75.94 6.33 0.00	84.04 7.08 0.00	82.64 7.24 0.00	79.11 6.98 -0.20	71.16 6.29 0.00	62.40 5.15 0.00	52.60 4.25 0.00	48.51 4.07 -0.22
SYRACUSE___ENERGY_ST1 323597	45.18 0.09 0.00	41.85 0.04 0.00	37.64 -0.11 0.00	35.60 -0.18 0.00	35.98 -0.22 0.00	37.79 -0.11 0.00	42.25 0.04 0.00	43.97 0.09 0.00	43.87 0.00 0.00	43.21 0.00 0.00	43.14 0.21 0.00	45.39 0.27 0.00	48.51 0.43 0.00	53.14 0.63 0.00	57.10 0.73 0.00	58.11 0.75 0.00	70.51 0.90 0.00	77.96 1.00 0.00	76.38 0.98 0.00	72.87 0.94 0.00	65.65 0.78 0.00	57.82 0.57 0.00	48.68 0.34 0.00	44.44 0.22 0.00
SYRACUSE___ENERGY_ST2 323598	45.18 0.09 0.00	41.85 0.04 0.00	37.64 -0.11 0.00	35.60 -0.18 0.00	35.98 -0.22 0.00	37.79 -0.11 0.00	42.25 0.04 0.00	43.97 0.09 0.00	43.87 0.00 0.00	43.21 0.00 0.00	43.14 0.21 0.00	45.39 0.27 0.00	48.51 0.43 0.00	53.14 0.63 0.00	57.10 0.73 0.00	58.11 0.75 0.00	70.51 0.90 0.00	77.96 1.00 0.00	76.38 0.98 0.00	72.87 0.94 0.00	65.65 0.78 0.00	57.82 0.57 0.00	48.68 0.34 0.00	44.44 0.22 0.00
SYRACUSE___POWER 24017	45.05 -0.05 0.00	41.68 -0.13 0.00	37.49 -0.26 0.00	35.46 -0.32 0.00	35.87 -0.33 0.00	37.68 -0.23 0.00	42.12 -0.08 0.00	43.84 -0.04 0.00	43.78 -0.09 0.00	43.13 -0.09 0.00	43.06 0.13 0.00	45.30 0.18 0.00	48.41 0.34 0.00	53.09 0.58 0.00	56.99 0.62 0.00	58.06 0.69 0.00	70.44 0.84 0.00	77.80 0.85 0.00	76.23 0.83 0.00	72.73 0.79 0.00	65.52 0.65 0.00	57.71 0.46 0.00	48.59 0.24 0.00	44.35 0.13 0.00
TALLMAN__138KV_BK151 55660	46.13 1.04 0.00	42.77 0.96 0.00	38.55 0.79 0.00	36.57 0.79 0.00	36.95 0.76 0.00	38.63 0.72 0.00	43.13 0.93 0.00	44.98 1.10 0.00	45.23 1.36 0.00	44.90 1.51 -0.18	44.63 1.29 -0.42	47.17 1.40 -0.65	50.13 1.25 -0.80	54.47 1.26 -0.70	58.29 1.30 -0.62	59.02 1.26 -0.39	71.93 1.67 -0.66	79.05 2.08 -0.02	76.91 1.51 0.00	73.09 1.15 0.00	65.65 0.78 0.00	57.71 0.46 0.00	48.97 0.63 0.00	44.84 0.62 0.00
TEALLAVE_115KV_TB7 355573	44.82 -0.27 0.00	41.51 -0.29 0.00	37.34 -0.42 0.00	35.32 -0.47 0.00	35.72 -0.47 0.00	37.57 -0.34 0.00	41.95 -0.25 0.00	43.71 -0.18 0.00	43.65 -0.22 0.00	43.00 -0.22 0.00	42.93 0.00 0.00	45.21 0.09 0.00	48.27 0.19 0.00	52.88 0.37 0.00	56.82 0.45 0.00	57.83 0.46 0.00	70.16 0.56 0.00	77.42 0.46 0.00	75.86 0.45 0.00	72.37 0.43 0.00	65.19 0.32 0.00	57.42 0.17 0.00	48.45 0.00 -0.11	44.13 -0.09 0.00
TELGRAPH_34_KV_EAST 80808	47.44 2.34 0.00	43.98 2.17 0.00	39.08 1.32 0.00	36.68 0.89 0.00	37.06 0.87 0.00	39.23 1.33 0.00	43.47 1.27 0.00	44.76 0.88 0.00	44.22 0.35 0.00	43.73 0.52 0.00	44.43 1.50 0.00	46.97 1.85 0.00	50.62 2.55 0.00	55.56 3.05 0.00	59.47 3.10 0.00	60.70 3.33 0.00	74.20 4.59 0.00	81.96 5.00 0.00	80.46 5.05 0.00	76.71 4.75 -0.03	69.15 4.28 0.00	60.68 3.43 0.00	51.24 2.90 0.00	47.27 3.01 -0.04
TEMPLE___115KV_TB 2 55572	44.87 -0.23 0.00	41.55 -0.25 0.00	37.38 -0.38 0.00	35.35 -0.43 0.00	35.76 -0.43 0.00	37.57 -0.34 0.00	41.99 -0.21 0.00	43.71 -0.18 0.00	43.65 -0.22 0.00	43.04 -0.17 0.00	42.97 0.04 0.00	45.21 0.09 0.00	48.32 0.24 0.00	52.93 0.42 0.00	56.88 0.51 0.00	57.88 0.52 0.00	70.23 0.63 0.00	77.50 0.54 0.00	75.93 0.53 0.00	72.44 0.50 0.00	65.19 0.32 0.00	57.48 0.23 0.00	48.50 0.05 -0.11	44.18 -0.04 0.00
TIANA____69_KV_BK 1 55817	46.22 1.13 0.00	43.44 1.63 0.00	38.89 1.13 0.00	36.89 1.11 0.00	37.13 0.94 0.00	38.85 0.95 0.00	43.34 1.14 0.00	44.81 0.92 0.00	45.32 1.45 0.00	45.35 1.94 -0.19	44.36 1.24 -0.19	47.01 1.40 -0.49	45.98 1.15 3.26	46.85 1.00 6.66	48.51 1.07 8.94	58.75 0.98 -0.41	71.63 1.32 -0.70	62.15 1.62 16.42	55.02 1.06 21.44	45.97 0.43 26.40	44.95 -0.06 19.85	44.23 -0.29 12.73	43.53 -0.15 4.67	42.57 -0.22 1.43

TILDEN___115KV_TB1 80814	45.05 -0.05 0.00	41.68 -0.13 0.00	37.49 -0.26 0.00	35.46 -0.32 0.00	35.87 -0.33 0.00	37.68 -0.23 0.00	42.12 -0.08 0.00	43.84 -0.04 0.00	43.78 -0.09 0.00	43.13 -0.09 0.00	43.06 0.13 0.00	45.30 0.18 0.00	48.41 0.34 0.00	53.09 0.58 0.00	56.99 0.62 0.00	58.06 0.69 0.00	70.44 0.84 0.00	77.80 0.85 0.00	76.23 0.83 0.00	72.73 0.79 0.00	65.52 0.65 0.00	57.71 0.46 0.00	48.59 0.24 0.00	44.35 0.13 0.00
TRIGEN___CC 323695	46.17 1.08 0.00	43.14 1.34 0.00	38.78 1.02 0.00	36.75 0.97 0.00	37.06 0.87 0.00	38.78 0.87 0.00	43.30 1.10 0.00	44.90 1.01 0.00	45.27 1.40 0.00	45.13 1.73 -0.19	44.52 1.20 -0.39	47.08 1.31 -0.65	48.99 1.01 0.10	52.48 0.95 0.98	55.75 0.96 1.58	58.65 0.86 -0.42	71.50 1.18 -0.71	74.67 1.54 3.83	71.29 0.90 5.02	66.22 0.43 6.15	60.35 0.13 4.65	54.21 -0.06 2.98	47.39 0.15 1.10	44.02 0.13 0.34
TRINITY___115KV___4 BK 55933	44.82 -0.27 0.00	41.55 -0.25 0.00	37.60 -0.15 0.00	35.75 -0.04 0.00	36.12 -0.07 0.00	37.76 -0.15 0.00	41.95 -0.25 0.00	43.67 -0.22 0.00	43.74 -0.13 0.00	42.84 -0.22 0.16	42.26 -0.30 0.37	44.28 -0.27 0.57	46.89 -0.48 0.70	51.27 -0.63 0.61	55.04 -0.79 0.55	56.16 -0.86 0.34	68.05 -0.97 0.58	75.86 -1.08 0.02	74.42 -0.98 0.00	70.86 -1.08 0.00	64.03 -0.84 0.00	56.45 -0.80 0.00	47.67 -0.68 0.00	43.73 -0.49 0.00
UNION___PROCESSING_DRP 323587	46.44 1.35 0.00	43.02 1.21 0.00	38.40 0.64 0.00	36.18 0.39 0.00	36.59 0.40 0.00	38.63 0.72 0.00	42.96 0.76 0.00	44.54 0.66 0.00	44.22 0.35 0.00	43.64 0.43 0.00	44.04 1.12 0.00	46.34 1.22 0.00	49.76 1.68 0.00	54.61 2.10 0.00	58.63 2.25 0.00	59.89 2.52 0.00	72.94 3.34 0.00	80.65 3.69 0.00	79.02 3.62 0.00	75.38 3.45 0.01	67.85 2.98 0.00	59.65 2.40 0.00	50.28 1.93 0.00	45.93 1.72 0.01
UPPER HUDSON___HYD 24058	46.63 1.53 0.00	43.23 1.42 0.00	39.11 1.36 0.00	37.07 1.29 0.00	37.57 1.37 0.00	39.31 1.40 0.00	43.68 1.48 0.00	45.42 1.54 0.00	45.27 1.40 0.00	44.25 1.21 0.17	43.43 0.90 0.40	45.49 0.99 0.62	48.18 0.87 0.77	52.68 0.84 0.67	56.40 0.62 0.59	57.85 0.86 0.38	70.08 1.11 0.63	78.48 1.54 0.02	77.14 1.74 0.00	74.38 2.45 0.00	67.40 2.53 0.00	59.48 2.23 0.00	49.84 1.50 0.00	45.55 1.33 0.00
UPPER RAQUET___HYD 24056	46.35 1.26 0.00	43.06 1.25 0.00	38.93 1.17 0.00	36.89 1.11 0.00	37.35 1.16 0.00	39.12 1.21 0.00	43.56 1.35 0.00	45.16 1.27 0.00	45.06 1.18 0.00	44.25 1.04 0.00	43.78 0.86 0.00	45.89 0.77 0.00	49.13 1.06 0.00	53.67 1.15 0.00	57.67 1.30 0.00	58.63 1.26 0.00	70.51 0.90 0.00	78.03 1.08 0.00	76.08 0.68 0.00	72.94 1.01 0.00	65.71 0.84 0.00	65.08 1.95 -5.89	64.06 1.94 -13.78	45.90 1.68 0.00
VALLEY44_115KV_TB2 355964	44.60 -0.50 0.00	41.35 -0.46 0.00	36.85 -0.91 0.00	34.46 -1.32 0.00	34.78 -1.41 0.00	37.00 -0.91 0.00	41.11 -1.10 0.00	42.26 -1.62 0.00	41.85 -2.02 0.00	41.40 -1.81 0.00	41.90 -1.03 0.00	44.54 -0.59 0.00	48.17 0.10 0.00	53.14 0.63 0.00	56.77 0.39 0.00	57.83 0.46 0.00	70.65 1.04 0.00	78.11 1.15 0.00	76.84 1.43 0.00	73.32 1.37 -0.02	65.58 0.71 0.00	57.59 0.34 0.00	48.54 0.19 0.00	45.58 1.33 -0.03
VALLEY___115KV_TB 1-4 80826	44.60 -0.50 0.00	41.30 -0.50 0.00	37.27 -0.49 0.00	35.32 -0.47 0.00	35.76 -0.43 0.00	37.53 -0.38 0.00	41.83 -0.38 0.00	43.53 -0.35 0.00	43.56 -0.31 0.00	42.95 -0.26 0.00	42.75 -0.17 0.00	44.99 -0.14 0.00	47.88 -0.19 0.00	52.30 -0.21 0.00	56.20 -0.17 0.00	57.14 -0.23 0.00	69.26 -0.35 0.00	76.50 -0.46 0.00	74.95 -0.45 0.00	71.43 -0.50 0.00	64.42 -0.45 0.00	56.90 -0.34 0.00	48.01 -0.34 0.00	43.82 -0.40 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	46.81 1.71 0.00	43.35 1.55 0.00	39.00 1.25 0.00	36.93 1.15 0.00	37.39 1.19 0.00	39.27 1.36 0.00	43.81 1.60 0.00	45.60 1.71 0.00	45.58 1.71 0.00	44.90 1.69 0.00	44.73 1.80 0.00	47.15 2.03 0.00	50.24 2.16 0.00	54.93 2.42 0.00	59.02 2.65 0.00	60.06 2.70 0.00	72.94 3.34 0.00	80.65 3.69 0.00	78.95 3.54 0.00	75.17 3.24 0.00	67.72 2.85 0.00	59.65 2.40 0.00	50.28 1.93 0.00	45.86 1.64 0.00
VISCHER___FERRY HYD 24020	45.90 0.81 0.00	42.60 0.79 0.00	38.51 0.75 0.00	36.57 0.79 0.00	36.99 0.80 0.00	38.66 0.76 0.00	43.00 0.80 0.00	44.72 0.83 0.00	44.66 0.79 0.00	43.63 0.65 0.23	42.94 0.56 0.55	44.86 0.59 0.85	47.51 0.48 1.05	52.02 0.42 0.91	55.90 0.34 0.81	57.31 0.46 0.51	69.30 0.55 0.86	77.78 0.85 0.02	76.31 0.91 0.00	72.80 0.87 0.00	65.78 0.91 0.00	57.99 0.74 0.00	48.83 0.48 0.00	44.75 0.53 0.00
V_A_10_SYNC_DSASP 323832	46.58 1.49 0.00	43.23 1.42 0.00	38.51 0.76 0.00	36.07 0.29 0.00	36.45 0.25 0.00	38.59 0.68 0.00	42.67 0.46 0.00	43.84 -0.04 0.00	43.34 -0.53 0.00	42.91 -0.30 0.00	43.48 0.56 0.00	46.07 0.95 0.00	49.52 1.44 0.00	54.30 1.79 0.00	58.06 1.69 0.00	59.15 1.78 0.00	72.18 2.58 0.00	79.80 2.85 0.00	78.27 2.87 0.00	74.61 2.66 -0.01	67.27 2.40 0.00	59.14 1.89 0.00	50.04 1.69 0.00	46.21 1.95 -0.04
V_CMM_10_SYNC_DSASP 323787	45.50 0.40 0.00	42.22 0.42 0.00	38.21 0.45 0.00	36.21 0.43 0.00	36.63 0.44 0.00	38.32 0.42 0.00	42.67 0.47 0.00	44.28 0.39 0.00	44.26 0.39 0.00	43.56 0.34 0.00	43.14 0.22 0.00	45.26 0.14 0.00	48.37 0.29 0.00	52.83 0.32 0.00	56.71 0.34 0.00	57.66 0.29 0.00	69.88 0.28 0.00	77.19 0.23 0.00	75.63 0.23 0.00	72.30 0.36 0.00	65.33 0.46 0.00	57.19 0.63 0.69	47.64 0.63 1.34	44.84 0.62 0.00
V_CMP_10_SYNC_DSASP 323788	45.27 0.18 0.00	42.02 0.21 0.00	38.06 0.30 0.00	36.07 0.28 0.00	36.52 0.33 0.00	38.17 0.27 0.00	42.54 0.34 0.00	44.20 0.31 0.00	44.22 0.35 0.00	43.52 0.30 0.00	43.10 0.17 0.00	44.85 -0.27 0.00	48.03 -0.05 0.00	52.46 -0.05 0.00	56.37 0.00 0.00	57.31 -0.06 0.00	69.46 -0.14 0.00	76.88 -0.08 0.00	75.33 -0.08 0.00	72.01 0.07 0.00	64.93 0.06 0.00	57.42 0.17 0.00	47.85 0.19 0.68	44.71 0.49 0.00
V_D_10_SYNC_DSASP 323841	45.86 0.77 0.00	42.60 0.79 0.00	38.55 0.79 0.00	36.54 0.75 0.00	36.95 0.76 0.00	38.66 0.76 0.00	43.05 0.84 0.00	44.63 0.75 0.00	44.62 0.75 0.00	43.86 0.65 0.00	43.44 0.52 0.00	45.57 0.45 0.00	48.75 0.67 0.00	53.25 0.73 0.00	57.22 0.85 0.00	58.17 0.80 0.00	70.30 0.70 0.00	77.73 0.77 0.00	76.08 0.68 0.00	72.80 0.87 0.00	65.97 1.10 0.00	66.85 1.32 -8.29	61.84 1.25 -12.24	45.37 1.15 0.00
V_E_10_SYNC_DSASP 323830	49.06 3.97 0.00	45.44 3.64 0.00	40.62 2.87 0.00	38.39 2.61 0.00	38.94 2.75 0.00	41.17 3.26 0.00	46.13 3.93 0.00	47.88 3.99 0.00	47.42 3.55 0.00	46.45 3.24 0.00	46.36 3.44 0.00	48.96 3.83 0.00	52.31 4.23 0.00	57.40 4.88 0.00	61.84 5.47 0.00	63.05 5.68 0.00	76.77 7.17 0.00	85.35 8.39 0.00	83.85 8.44 0.00	79.99 8.06 0.00	72.13 7.26 0.00	63.54 6.30 0.00	53.22 4.88 0.00	48.38 4.16 0.00



V_F_30_NSYNC___DSASP 323816	46.71 1.62 0.00	43.31 1.50 0.00	39.15 1.40 0.00	37.14 1.36 0.00	37.60 1.41 0.00	39.31 1.40 0.00	43.72 1.52 0.00	45.42 1.54 0.00	45.32 1.45 0.00	44.33 1.30 0.18	43.66 1.16 0.42	45.73 1.26 0.66	48.47 1.20 0.81	53.01 1.21 0.71	56.87 1.13 0.63	58.29 1.32 0.40	70.60 1.67 0.67	79.02 2.08 0.02	77.66 2.26 0.00	74.31 2.37 0.00	67.27 2.40 0.00	59.25 2.00 0.00	49.84 1.50 0.00	45.59 1.37 0.00
V_F_30_SYNC_DSASP 323786	45.05 -0.05 0.00	41.76 -0.04 0.00	37.79 0.04 0.00	35.89 0.11 0.00	36.30 0.11 0.00	37.91 0.00 0.00	42.16 -0.04 0.00	43.89 0.00 0.00	43.96 0.09 0.00	43.10 0.04 0.16	42.51 -0.04 0.37	44.54 0.00 0.58	47.17 -0.19 0.72	51.57 -0.32 0.63	55.37 -0.45 0.56	56.56 -0.46 0.35	68.45 -0.56 0.59	76.32 -0.62 0.02	74.88 -0.53 0.00	71.36 -0.58 0.00	64.42 -0.45 0.00	56.79 -0.46 0.00	47.96 -0.39 0.00	44.00 -0.22 0.00
V_XM_10_SYNC_DSASP 323789	45.27 0.18 0.00	42.02 0.21 0.00	38.06 0.30 0.00	36.07 0.28 0.00	36.52 0.33 0.00	38.17 0.27 0.00	42.54 0.34 0.00	44.20 0.31 0.00	44.22 0.35 0.00	43.52 0.30 0.00	43.10 0.17 0.00	44.85 -0.27 0.00	48.03 -0.05 0.00	52.46 -0.05 0.00	56.37 0.00 0.00	57.31 -0.06 0.00	69.46 -0.14 0.00	76.88 -0.08 0.00	75.33 -0.08 0.00	72.01 0.07 0.00	64.93 0.06 0.00	57.42 0.17 0.00	47.85 0.19 0.68	44.71 0.49 0.00
W.BABYLN_69_KV_BK1 56697	46.67 1.58 0.00	43.77 1.96 0.00	39.27 1.51 0.00	37.21 1.43 0.00	37.50 1.30 0.00	39.27 1.36 0.00	43.81 1.60 0.00	45.25 1.36 0.00	45.71 1.84 0.00	45.65 2.25 -0.19	44.61 1.46 -0.22	47.12 1.49 -0.51	46.55 1.25 2.77	47.88 1.16 5.79	49.80 1.24 7.81	58.93 1.15 -0.41	71.84 1.53 -0.70	64.38 1.92 14.50	57.75 1.28 18.93	49.49 0.86 23.31	47.86 0.52 17.53	46.23 0.23 11.24	44.65 0.44 4.13	43.31 0.35 1.26
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	46.26 1.17 0.00	42.85 1.05 0.00	38.66 0.91 0.00	36.71 0.93 0.00	37.06 0.87 0.00	38.74 0.83 0.00	43.26 1.06 0.00	45.11 1.23 0.00	45.36 1.49 0.00	45.03 1.64 -0.18	44.77 1.42 -0.43	47.32 1.53 -0.66	50.29 1.39 -0.81	54.64 1.42 -0.71	58.52 1.52 -0.63	59.20 1.43 -0.40	72.15 1.88 -0.67	79.28 2.31 -0.02	77.21 1.81 0.00	73.30 1.37 0.00	65.84 0.97 0.00	57.93 0.69 0.00	49.12 0.77 0.00	44.93 0.71 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	46.62 1.53 0.00	43.14 1.34 0.00	38.89 1.13 0.00	36.89 1.11 0.00	37.24 1.05 0.00	38.97 1.06 0.00	43.64 1.43 0.00	45.60 1.71 0.00	45.98 2.11 0.00	45.65 2.25 -0.19	45.35 1.97 -0.45	47.95 2.12 -0.70	50.77 1.83 -0.87	55.06 1.79 -0.76	58.91 1.86 -0.67	59.57 1.78 -0.43	72.62 2.30 -0.72	79.75 2.77 -0.02	77.44 2.04 0.00	73.37 1.44 0.00	65.91 1.04 0.00	57.99 0.74 0.00	49.36 1.02 0.00	45.24 1.02 0.00
W50THST__13_KV_LOAD 356117	46.85 1.76 0.00	43.39 1.59 0.00	39.12 1.36 0.00	37.07 1.29 0.00	37.46 1.27 0.00	39.16 1.25 0.00	43.89 1.69 0.00	45.90 2.02 0.00	46.28 2.41 0.00	46.00 2.59 -0.19	45.70 2.32 -0.45	48.31 2.48 -0.70	51.21 2.26 -0.87	55.53 2.26 -0.76	59.41 2.37 -0.67	60.03 2.24 -0.43	73.17 2.85 -0.72	80.36 3.39 -0.02	77.97 2.56 0.00	73.81 1.87 0.00	66.30 1.43 0.00	58.39 1.14 0.00	49.65 1.31 0.00	45.50 1.28 0.00
WADING RIVER_IC_1 23522	44.06 -1.04 0.00	42.52 0.71 0.00	38.32 0.57 0.00	36.35 0.57 0.00	36.59 0.40 0.00	38.29 0.38 0.00	42.71 0.51 0.00	43.97 0.09 0.00	44.22 0.35 0.00	44.22 0.82 -0.19	43.50 0.39 -0.19	46.11 0.50 -0.49	45.01 0.19 3.26	45.80 -0.05 6.66	47.32 -0.11 8.94	57.72 -0.06 -0.41	70.24 -0.07 -0.70	60.91 0.39 16.43	53.65 -0.30 21.45	44.81 -0.72 26.41	43.84 -1.17 19.86	43.25 -1.26 12.74	42.70 -0.97 4.67	41.78 -1.02 1.43
WADING RIVER_IC_2 23547	44.06 -1.04 0.00	42.52 0.71 0.00	38.32 0.57 0.00	36.35 0.57 0.00	36.59 0.40 0.00	38.29 0.38 0.00	42.71 0.51 0.00	43.97 0.09 0.00	44.22 0.35 0.00	44.22 0.82 -0.19	43.50 0.39 -0.19	46.11 0.50 -0.49	45.01 0.19 3.26	45.80 -0.05 6.66	47.32 -0.11 8.94	57.72 -0.06 -0.41	70.24 -0.07 -0.70	60.91 0.39 16.43	53.65 -0.30 21.45	44.81 -0.72 26.41	43.84 -1.17 19.86	43.25 -1.26 12.74	42.70 -0.97 4.67	41.78 -1.02 1.43
WADING RIVER_IC_3 23601	44.06 -1.04 0.00	42.52 0.71 0.00	38.32 0.57 0.00	36.35 0.57 0.00	36.59 0.40 0.00	38.29 0.38 0.00	42.71 0.51 0.00	43.97 0.09 0.00	44.22 0.35 0.00	44.22 0.82 -0.19	43.50 0.39 -0.19	46.11 0.50 -0.49	45.01 0.19 3.26	45.80 -0.05 6.66	47.32 -0.11 8.94	57.72 -0.06 -0.41	70.24 -0.07 -0.70	60.91 0.39 16.43	53.65 -0.30 21.45	44.81 -0.72 26.41	43.84 -1.17 19.86	43.25 -1.26 12.74	42.70 -0.97 4.67	41.78 -1.02 1.43
WALDENNY_12_KV_BK2 80841	47.98 2.89 0.00	44.48 2.68 0.00	39.53 1.77 0.00	37.00 1.22 0.00	37.35 1.16 0.00	39.57 1.67 0.00	43.81 1.60 0.00	44.98 1.10 0.00	44.53 0.66 0.00	44.12 0.91 0.00	44.94 2.02 0.00	47.74 2.62 0.00	51.54 3.46 0.00	56.61 4.10 0.00	60.43 4.06 0.00	61.50 4.13 0.00	75.24 5.64 0.00	82.88 5.93 0.00	81.51 6.11 0.00	77.57 5.61 -0.02	69.80 4.93 0.00	61.25 4.01 0.00	51.78 3.43 0.00	47.89 3.63 -0.04
WALDEN__HYDRO 24148	46.26 1.17 0.00	42.85 1.05 0.00	38.66 0.91 0.00	36.68 0.89 0.00	37.06 0.87 0.00	38.74 0.83 0.00	43.22 1.01 0.00	45.07 1.18 0.00	45.23 1.36 0.00	44.83 1.47 -0.15	44.53 1.24 -0.36	47.03 1.35 -0.56	49.97 1.20 -0.69	54.37 1.26 -0.60	58.26 1.35 -0.53	59.08 1.38 -0.34	71.98 1.81 -0.57	79.20 2.23 -0.02	77.21 1.81 0.00	73.45 1.51 0.00	66.04 1.17 0.00	58.05 0.80 0.00	49.17 0.82 0.00	44.97 0.75 0.00
WARRENSBURG____ 23737	46.67 1.58 0.00	43.23 1.42 0.00	39.12 1.36 0.00	37.07 1.29 0.00	37.57 1.38 0.00	39.31 1.40 0.00	43.68 1.48 0.00	45.42 1.54 0.00	45.19 1.32 0.00	44.30 1.25 0.17	43.43 0.90 0.40	45.50 0.99 0.62	48.18 0.87 0.77	52.69 0.84 0.67	56.40 0.62 0.59	57.85 0.86 0.38	70.08 1.11 0.63	78.25 1.31 0.02	77.14 1.73 0.00	74.38 2.45 0.00	67.40 2.53 0.00	59.48 2.23 0.00	49.94 1.60 0.00	45.59 1.37 0.00
WATERSIDE____6 8 9 23538	46.81 1.71 0.00	43.31 1.51 0.00	39.00 1.25 0.00	37.04 1.25 0.00	37.35 1.16 0.00	39.01 1.10 0.00	43.72 1.52 0.00	45.60 1.71 0.00	45.93 2.06 0.00	45.69 2.29 -0.19	45.40 2.02 -0.45	47.90 2.08 -0.70	50.44 1.49 -0.87	54.64 1.37 -0.76	58.45 1.41 -0.67	59.06 1.26 -0.43	71.99 1.67 -0.72	79.13 2.15 -0.02	76.84 1.43 0.00	63.18 1.01 9.76	63.18 0.65 2.34	57.59 0.34 0.00	49.41 1.06 0.00	45.42 1.19 0.00
WATKINRD_115KV_LN8_ILLION 55919	44.78 -0.32 0.00	41.47 -0.33 0.00	37.42 -0.34 0.00	35.46 -0.32 0.00	35.90 -0.29 0.00	37.64 -0.27 0.00	41.91 -0.30 0.00	43.62 -0.26 0.00	43.65 -0.22 0.00	43.00 -0.22 0.00	42.75 -0.17 0.00	44.99 -0.14 0.00	47.88 -0.19 0.00	52.30 -0.21 0.00	56.15 -0.23 0.00	57.14 -0.23 0.00	69.26 -0.35 0.00	76.57 -0.38 0.00	75.03 -0.38 0.00	71.58 -0.36 0.00	64.55 -0.32 0.00	57.02 -0.23 0.00	48.10 -0.24 0.00	43.91 -0.31 0.00

WDELAWARE___HYD 323627	46.08 1.04 0.05	42.81 1.00 0.00	38.59 0.83 0.00	36.61 0.82 0.00	36.99 0.80 0.00	38.66 0.76 0.00	43.18 0.97 0.00	45.01 1.14 0.02	45.12 1.27 0.02	44.63 1.30 -0.12	44.33 1.11 -0.29	46.79 1.22 -0.44	49.77 1.20 -0.49	54.13 1.31 -0.30	57.93 1.41 -0.15	58.88 1.55 0.04	71.45 2.02 0.18	78.82 2.69 0.83	76.87 2.26 0.80	73.80 1.87 0.00	66.42 1.55 0.00	58.33 1.08 0.00	49.19 0.92 0.07	44.97 0.75 0.00
WEST BABYLON___IC 23714	46.67 1.58 0.00	43.77 1.96 0.00	39.27 1.51 0.00	37.21 1.43 0.00	37.50 1.30 0.00	39.27 1.36 0.00	43.81 1.60 0.00	45.25 1.36 0.00	45.71 1.84 0.00	45.65 2.25 -0.19	44.61 1.46 -0.22	47.12 1.49 -0.51	46.55 1.25 2.77	47.88 1.16 5.79	49.80 1.24 7.81	58.93 1.15 -0.41	71.84 1.53 -0.70	64.38 1.92 14.50	57.75 1.28 18.93	49.49 0.86 23.31	47.86 0.52 17.53	46.23 0.23 11.24	44.65 0.44 4.13	43.31 0.35 1.26
WEST CANADA___HYD 24049	45.09 0.00 0.00	41.81 0.00 0.00	37.76 0.00 0.00	35.78 0.00 0.00	36.19 0.00 0.00	37.91 0.00 0.00	42.20 0.00 0.00	43.89 0.00 0.00	43.87 0.00 0.00	43.21 0.00 0.00	42.93 0.00 0.00	45.17 0.05 0.00	48.08 0.00 0.00	52.51 0.00 0.00	56.37 0.00 0.00	57.37 0.00 0.00	69.60 0.00 0.00	77.03 0.08 0.00	75.40 0.00 0.00	71.94 0.00 0.00	64.87 0.00 0.00	57.25 0.00 0.00	48.30 -0.05 0.00	44.18 -0.04 0.00
WESTERN_NY_WIND 24143	48.43 3.34 0.00	44.86 3.05 0.00	39.79 2.04 0.00	37.39 1.61 0.00	37.82 1.63 0.00	40.07 2.16 0.00	44.48 2.28 0.00	45.95 2.06 0.00	45.27 1.40 0.00	44.68 1.47 0.00	45.37 2.45 0.00	47.88 2.75 0.00	51.59 3.51 0.00	56.66 4.15 0.00	60.77 4.40 0.00	62.07 4.70 0.00	75.94 6.33 0.00	84.04 7.08 0.00	82.64 7.24 0.00	79.08 6.98 -0.17	71.10 6.23 0.00	62.40 5.15 0.00	52.60 4.25 0.00	48.48 4.07 -0.20
WESTOVER___LESR 323668	45.81 0.72 0.00	42.39 0.59 0.00	38.10 0.34 0.00	35.93 0.14 0.00	36.34 0.14 0.00	38.25 0.34 0.00	42.67 0.46 0.00	44.28 0.39 0.00	44.13 0.26 0.00	43.51 0.30 0.00	43.44 0.52 0.00	45.84 0.72 0.00	49.09 1.01 0.00	53.83 1.31 0.00	57.78 1.41 0.00	58.80 1.43 0.00	71.48 1.88 0.00	79.19 2.23 0.00	77.59 2.19 0.00	74.02 2.09 0.00	66.56 1.69 0.00	58.62 1.37 0.00	49.41 1.06 0.00	45.29 1.06 -0.01
WETHRSFD_WT_PWR 323626	47.30 2.21 0.00	43.77 1.97 0.00	38.93 1.17 0.00	36.50 0.72 0.00	36.84 0.65 0.00	39.16 1.25 0.00	43.30 1.10 0.00	44.41 0.53 0.00	43.83 -0.04 0.00	43.60 0.39 0.00	43.95 1.03 0.00	46.57 1.44 0.00	50.05 1.97 0.00	55.03 2.52 0.00	59.02 2.65 0.00	59.89 2.52 0.00	73.08 3.48 0.00	81.03 4.08 0.00	79.62 4.22 0.00	76.12 4.17 -0.02	68.50 3.63 0.00	60.39 3.15 0.00	51.10 2.75 0.00	47.13 2.87 -0.03
WHAVSTOR_138KV_BK127 55557	46.04 0.95 0.00	42.68 0.88 0.00	38.55 0.79 0.00	36.57 0.79 0.00	36.92 0.72 0.00	38.59 0.68 0.00	43.09 0.89 0.00	44.94 1.05 0.00	45.19 1.32 0.00	44.86 1.47 -0.18	44.60 1.24 -0.43	47.14 1.35 -0.66	50.05 1.15 -0.82	54.33 1.10 -0.71	58.19 1.18 -0.63	58.86 1.09 -0.40	71.74 1.46 -0.67	78.82 1.85 -0.02	76.76 1.36 0.00	72.87 0.94 0.00	65.45 0.58 0.00	57.59 0.34 0.00	48.88 0.53 0.00	44.75 0.53 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	46.04 0.95 0.00	42.68 0.88 0.00	38.55 0.79 0.00	36.57 0.79 0.00	36.92 0.72 0.00	38.59 0.68 0.00	43.09 0.89 0.00	44.94 1.05 0.00	45.19 1.32 0.00	44.86 1.47 -0.18	44.60 1.24 -0.43	47.14 1.35 -0.66	50.05 1.15 -0.82	54.33 1.10 -0.71	58.19 1.18 -0.63	58.86 1.09 -0.40	71.74 1.46 -0.67	78.82 1.85 -0.02	76.76 1.36 0.00	72.87 0.94 0.00	65.45 0.58 0.00	57.59 0.34 0.00	48.88 0.53 0.00	44.75 0.53 0.00
WHITEHAL_115KV_TB1 80871	47.62 2.53 0.00	44.10 2.30 0.00	39.83 2.08 0.00	37.71 1.93 0.00	38.26 2.06 0.00	40.07 2.16 0.00	44.53 2.32 0.00	46.26 2.37 0.00	45.89 2.02 0.00	44.94 1.90 0.17	44.19 1.67 0.41	46.29 1.80 0.64	49.02 1.73 0.78	53.67 1.84 0.68	57.34 1.58 0.61	58.88 1.89 0.38	71.46 2.51 0.65	79.79 2.85 0.02	78.95 3.54 0.00	76.11 4.17 0.00	69.09 4.22 0.00	60.97 3.72 0.00	51.05 2.71 0.00	46.57 2.34 0.00
WHITEPLN_13_KV_LOAD 356215	46.85 1.76 0.00	43.35 1.55 0.00	39.08 1.32 0.00	37.07 1.29 0.00	37.42 1.23 0.00	39.16 1.25 0.00	43.81 1.60 0.00	45.73 1.84 0.00	46.11 2.24 0.00	45.78 2.38 -0.19	45.57 2.19 -0.45	48.17 2.35 -0.70	51.16 2.21 -0.87	55.53 2.26 -0.76	59.58 2.54 -0.67	60.32 2.52 -0.42	73.52 3.20 -0.72	80.90 3.92 -0.02	78.57 3.17 0.00	74.60 2.66 0.00	66.75 1.88 0.00	58.68 1.43 0.00	49.75 1.40 0.00	45.50 1.28 0.00
WM_FLOYD_69_KV_BK2 356380	45.90 0.81 0.00	43.19 1.38 0.00	38.70 0.94 0.00	36.68 0.89 0.00	36.95 0.76 0.00	38.70 0.80 0.00	43.18 0.97 0.00	44.59 0.70 0.00	45.06 1.18 0.00	45.00 1.60 -0.19	43.93 0.82 -0.19	46.51 0.90 -0.49	45.45 0.62 3.25	46.29 0.42 6.64	47.90 0.45 8.92	58.18 0.40 -0.41	70.93 0.63 -0.70	61.49 0.92 16.39	54.38 0.38 21.40	45.45 -0.14 26.35	44.60 -0.45 19.81	43.91 -0.63 12.71	43.29 -0.39 4.66	42.35 -0.44 1.42
WOODARD___115KV_TB2 355635	44.82 -0.27 0.00	41.51 -0.29 0.00	37.34 -0.42 0.00	35.32 -0.47 0.00	35.72 -0.47 0.00	37.53 -0.38 0.00	41.91 -0.30 0.00	43.67 -0.22 0.00	43.56 -0.31 0.00	42.95 -0.26 0.00	42.84 -0.09 0.00	45.08 -0.05 0.00	48.17 0.10 0.00	52.72 0.21 0.00	56.65 0.28 0.00	57.65 0.29 0.00	69.95 0.35 0.00	77.26 0.31 0.00	75.70 0.30 0.00	72.22 0.29 0.00	65.06 0.19 0.00	57.30 0.06 0.00	48.40 -0.05 -0.10	44.09 -0.13 0.00
WOODMERE_69_KV_BK1 55827	46.85 1.76 0.00	43.73 1.92 0.00	39.30 1.55 0.00	37.25 1.47 0.00	37.57 1.38 0.00	39.31 1.40 0.00	43.89 1.69 0.00	45.47 1.58 0.00	45.89 2.02 0.00	45.78 2.38 -0.19	45.24 1.89 -0.42	47.87 2.08 -0.68	50.34 1.83 -0.44	54.28 1.79 0.01	58.02 1.97 0.33	59.68 1.89 -0.42	72.82 2.51 -0.71	78.20 2.92 1.68	75.37 2.19 2.22	70.85 1.58 2.66	63.98 1.17 2.06	56.78 0.86 1.32	48.73 0.87 0.49	44.82 0.75 0.15
YORK___WARBASSE 23770	46.99 1.89 0.00	43.48 1.67 0.00	39.12 1.36 0.00	37.14 1.36 0.00	37.42 1.23 0.00	39.01 1.10 0.00	43.72 1.52 0.00	45.64 1.76 0.00	45.98 2.11 0.00	45.82 2.42 -0.19	45.53 2.15 -0.45	47.90 2.08 -0.70	50.34 1.39 -0.87	54.58 1.31 -0.76	58.51 1.47 -0.67	59.17 1.38 -0.43	72.27 1.95 -0.72	79.44 2.46 -0.02	77.21 1.81 0.00	63.40 1.22 9.76	63.37 0.84 2.34	57.76 0.52 0.00	49.50 1.16 0.00	45.59 1.37 0.00